

**AN APPROACH TO ERADICATE THE EFFECTS OF ATMOSPHERIC
VARIATIONS ON TOTAL STATION DISTANCE MEASUREMENT IN
A SURFACE MINE ENVIRONMENT.**

The impact of taking measurement through a glass medium

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Volume II

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The volume II of this thesis contains appendixes on data generated during pre-survey work, data used in the analytical results and data used for systematic error correction model validation test.

These data sets were acquired by the author between the period of 2009 and 2010 at the University of the Witwatersrand main campus. The open pit mine data was generated between 6th and 9th December 2011.

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APPENDIX B

Appendix B.3 Pre-survey work - Day 1

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING									
DATE: 03/04/2009	STATION: C3	HI: 1.520	HR: 1.70 m	TEMP: 22 °C	Press: 829 mb		RH: 36%	SF: 0.9999	
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF
	CL	CR	CL	CR					
BS C8	264°56'51"	84°56'56"	0°45'56"	0°45'59"	30.135	30.134	30.137	30.137	0.223
FS A1	28°12'43"	208°12'41"	1°07'12"	1°07'17"	21.611	21.611	21.615	21.615	0.243
RED	123°15'52"	236°44'15"			21.611		21.615		0.2425
FINAL	123°15'48.5"	236°44'11.5"							

To calculate the coordinate of A1

Given the coordinates of points C3 and C8 as follows:

Station/ coordinates	Y	X	Z or H
C3	+97289.097	+2898387.391	+1759.902
C8	+97259.071	+2898384.736	+1760.082

The join C3 – C8

$$\alpha_{C3-C8} = \tan^{-1} \frac{\Delta Y_{C3-C8}}{\Delta X_{C3-C8}} ; \Delta Y_{C3-C8} = -97289.097 + 97259.071 = -30.026 ; \Delta X_{C3-C8} = -2898387.391 + 2898384.736 = -2.655$$

$$\alpha_{C3-C8} = \tan^{-1} \frac{-30.026}{-2.655} = 264^{\circ}56'49''$$

$$HD = \sqrt{\Delta Y^2 + \Delta X^2} \quad \text{Therefore: } HD = \sqrt{(30.026)^2 + (2.655)^2} \quad \mathbf{HD_{C3-C8} = 30.143m}$$

α STN to BS (i.e. α_{C3-C8}) = 264°56'49"

+ HZ @ STN C3 = 123°15'49"

α STN to FS (i.e. α_{C3-A1}) = 28°12'38"

$\Delta Y_{C3-A1} = HD_{C3-A1} \times \sin \alpha_{C3-A1}$ $= 21.611 \times \sin 28^\circ 12' 38''$ $= \mathbf{10.216 \text{ m}}$	$\Delta X_{C3-A1} = HD_{C3-A1} \times \cos \alpha_{C3-A1}$ $= 21.611 \times \cos 28^\circ 12' 38''$ $= \mathbf{19.044 \text{ m}}$
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ΔY_{C3-A1}	10.216	ΔX_{C3-A1}	19.044	ΔZ	0.2425
Y_{C3}	+97289.097	X_{C3}	+2898387.391	Z_{C3}	1759.902
Y_{A1}	+97299.313	X_{A1}	+2898406.435	Z_{A1}	1760.145

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING									
DATE: 03/04/2009	STATION: A1	HI: 1.545	HR: 1.70 m	TEMP: 22°C	Press: 829 mb		RH: 36%	SF: 0.9999	
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF
	CL	CR	CL	CR					
BS C3	208°12'42"	28°12'43"	- 0°12'48"	-0°12'42"	21.604	21.604	21.604	21.604	-0.235
FS A2	84°50'11"	264°50'05"	-1°41'01"	-1040'55"	17.083	17.083	17.090	17.090	-0.657
RED	236°37'29"	123°22'38"			17.083		17.090		-0.657
FINAL	236°37'25.5"	123°22'34.5"							

To calculate the coordinate of A2

Given the coordinates of points C3 and A1 as follows:

Station/ coordinates	Y	X	Z or H
C3	+97289.097	+2898387.391	+1759.902
A1	+97299.313	+2898406.435	+1760.145

The join A1– C3

$$\alpha_{A1-C3} = \tan^{-1} \frac{\Delta Y_{A1-C3}}{\Delta X_{A1-C3}} ; \Delta Y_{A1-C3} = -97299.313 + 97289.097 = -10.216 ; \Delta X_{A1-C3} = -2898406.435 + 2898387.391 = -19.044$$

$$\alpha_{A1-C3} = \tan^{-1} \frac{-10.216}{-19.044} = 208^{\circ}12'38''$$

$$HD = \sqrt{\Delta Y^2 + \Delta X^2} \quad \text{Therefore: } HD = \sqrt{(10.216)^2 + (19.044)^2} \quad \mathbf{HD_{A1-C3} = 21.611m}$$

$$\alpha_{\text{STN to BS (i.e. } \alpha_{A1-C3})} = 208^{\circ}12'38''$$

$$\underline{+ \text{ HZ @ STN A1} = 236^{\circ}37'26''}$$

$$\alpha_{\text{STN to FS (i.e. } \alpha_{A1-A2})} = 84^{\circ}50'04''$$

$\begin{aligned} \Delta Y_{A1-A2} &= HD_{A1-A2} \times \sin \alpha_{A1-A2} \\ &= 17.083 \times \sin 84^{\circ}50'04'' \\ &= \mathbf{17.014 \text{ m}} \end{aligned}$	$\begin{aligned} \Delta X_{A1-A2} &= HD_{A1-A2} \times \cos \alpha_{A1-A2} \\ &= 17.083 \times \cos 84^{\circ}50'04'' \\ &= \mathbf{1.538 \text{ m}} \end{aligned}$
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ΔY_{A1-A2}	17.014	ΔX_{A1-A2}	1.538	ΔZ	-0.657
Y_{A1}	+97299.313	X_{A1}	+2898406.435	Z_{A1}	+1760.145
Y_{A2}	+97316.327	X_{A2}	+2898407.973	Z_{A2}	1759.488

UNIVERSITY OF THE WITWATERSRAND										
SCHOOL OF MINING ENGINEERING										
DATE: 03/04/2009	STATION: A1		HI: 1.545	HR: 1.70 m	TEMP: 22 °C		Press: 829 mb		RH: 36%	SF: 0.9999
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF	
	CL	CR	CL	CR						
BS C3	208°12'42"	28°12'43"	- 0°12'48"	-0°12'42"	21.604	21.604	21.604	21.604	-0.235	-0.235
FS CMC1	262°47'17"	82°47'28"	4°28'32"	4°28'22"	11.632	11.632	11.668	11.668	0.755	0.755
RED	54°34'35"	305°25'15"			11.632		11.668		0.755	
FINAL	54°34'40"	305°25'20"								

To calculate the coordinate of CMC1

The join A1– C3 as calculated in A2 above

α STN to BS (i.e. α_{A1-C3}) = 208°12'38"

+ HZ @ STN A1 = 54°34'40"

α STN to FS (i.e. $\alpha_{A1-CMC1}$)= 262°47'18"

$\Delta Y_{A1-CMC1} = HD_{A1-CMC1} \times \sin \alpha_{A1-CMC1}$ $= 11.632 \times \sin 262^\circ 47' 18''$ $= \mathbf{-11.540 \text{ m}}$	$\Delta X_{A1-CMC1} = HD_{A1-CMC1} \times \cos \alpha_{A1-CMC1}$ $= 11.632 \times \cos 262^\circ 47' 18''$ $= \mathbf{-1.460 \text{ m}}$
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$\Delta Y_{A1-CMC1}$	-11.540	$\Delta X_{A1-CMC1}$	-1.460	ΔZ	0.755
Y_{A1}	+97299.313	X_{A1}	+2898406.435	Z_{A1}	+1760.145
Y_{CMC1}	+97287.773	X_{CMC1}	+2898404.975	Z_{CMC1}	1760.900

UNIVERSITY OF THE WITWATERSRAND												
SCHOOL OF MINING ENGINEERING												
DATE: 03/04/2009		STATION: A1		HI: 1.545	HR: 1.70 m		TEMP: 22°C		Press: 829 mb		RH: 36%	SF: 0.9999
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF			
	CL	CR	CL	CR								
BS TOL	160°49'49"	340°49'44"	11°16'52"	11°17'04"	199.843	199.850	203.781	203.791	41.412		41.425	
FS CMC1	262°47'17"	82047'28"	4°28'32"	4°28'22"	11.632	11.632	11.668	11.668	0.755		0.755	
RED	101°57'28"	258°02'16"			11.632		11.668		0.755			
FINAL	101°57'36"	258°02'24"										

To calculate the coordinate of CMC1

Given the coordinates of points TOL and A1 as follows:

Station/ coordinates	Y	X	Z or H
TOL	+97364.920	+2898217.700	+1801.510
A1	+97299.313	+2898406.435	+1760.145

The join A1– TOL

$$\alpha_{A1-TOL} = \tan^{-1} \frac{\Delta Y_{A1-TOL}}{\Delta X_{A1-TOL}} ; \Delta Y_{A1-TOL} = -97299.313 + 97364.920 = 65.607 ; \Delta X_{A1-C3} = -2898406.435 + 2898217.700 = -188.735$$

$$\alpha_{A1-TOL} = \tan^{-1} \frac{65.607}{-188.735} = 160^\circ 49' 55''$$

$$HD = \sqrt{\Delta Y^2 + \Delta X^2} \quad \text{Therefore: } HD = \sqrt{(65.607)^2 + (188.735)^2} \quad \mathbf{HD_{A1-TOL} = 199.81m}$$

α STN to BS (i.e. α_{A1-TOL}) = $160^\circ 49' 55''$

+ HZ @ STN A1 = $101^\circ 57' 36''$

α STN to FS (i.e. $\alpha_{A1-CMC1}$) = $262^\circ 47' 31''$

$\Delta Y_{A1-CMC1} = HD_{A1-CMC1} \times \sin \alpha_{A1-CMC1}$ $= 11.632 \times \sin 262^\circ 47' 31''$ $= \mathbf{-11.540 \text{ m}}$	$\Delta X_{A1-CMC1} = HD_{A1-CMC1} \times \cos \alpha_{A1-CMC1}$ $= 11.632 \times \cos 262^\circ 47' 31''$ $= \mathbf{-1.460 \text{ m}}$
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$\Delta Y_{A1-CMC1}$	-11.540	$\Delta X_{A1-CMC1}$	-1.460	ΔZ	0.755
YA1	+97299.313	XA1	+2898406.435	ZA1	+1760.145
Y_{CMC1}	+97287.773	X_{CMC1}	+2898404.975	Z_{CMC1}	1760.900

Average for chamber of mines corner 1

Y_{CMC1}	+97287.773	X_{CMC1}	+2898404.975	Z_{CMC1}	1760.900
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UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING									
DATE: 03/04/2009	STATION: A1	HI: 1.545	HR: 1.70 m	TEMP: 22°C	Press: 829 mb		RH: 36%	SF: 0.9999	
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF
	CL	CR	CL	CR					
BS C3	208°12'42"	28°12'43"	- 0°12'48"	-0°12'42"	21.604	21.604	21.604	21.604	-0.235
FS CMC2	323°10'08"	143°10'18"	2°10'59"	2°11'10"	23.861	23.861	23.878	23.878	0.755
RED	114°57'26"	245°02'25"			23.861		23.878		0.7555
FINAL	114°57'30.5"	245°02'29.5"							

To calculate the coordinate of CMC2

The join A1– C3 as calculated in A2 above

α STN to BS (i.e. α_{A1-C3}) = 208°12'38"

+ HZ @ STN A1 = 114°57'31"

α STN to FS (i.e. $\alpha_{A1-CMC2}$) = 323°10'09"

$\Delta Y_{A1-CMC2} = HD_{A1-CMC2} \times \sin \alpha_{A1-CMC2}$ $= 23.861 \times \sin 323^\circ 10' 09''$ $= -14.304 \text{ m}$	$\Delta X_{A1-CMC2} = HD_{A1-CMC2} \times \cos \alpha_{A1-CMC2}$ $= 23.861 \times \cos 323^\circ 10' 09''$ $= 19.099 \text{ m}$
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$\Delta Y_{A1-CMC2}$	-14.304	$\Delta X_{A1-CMC2}$	19.099	ΔZ	0.7555
YA1	+97299.313	XA1	+2898406.435	ZA1	+1760.145

Y_{CMC2}	+97285.009	X_{CMC2}	+2898425.534	Z_{CMC2}	1760.901
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UNIVERSITY OF THE WITWATERSRAND										
SCHOOL OF MINING ENGINEERING										
DATE: 03/04/2009	STATION: A1		HI: 1.545	HR: 1.70 m		TEMP: 22°C		Press: 829 mb		RH: 36% SF: 0.9999
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF	
	CL	CR	CL	CR						
BS TOL	160°49'49"	340°49'44"	11°16'52"	11°17'04"	199.843	199.850	203.781	203.791	41.412	41.425
FS CMC2	323°10'08"	143°10'18"	2°10'59"	2°11'10"	23.861	23.861	23.878	23.878	0.755	0.756
RED	162°20'19"	197°39'26"			23.861		23.878		0.7555	
FINAL	162°20'26.5"	197°39'33.5"								

To calculate the coordinate of CMC2

The join A1– TOL as calculated in CMC1 above

α STN to BS (i.e. α_{A1-TOL}) = 160°49'55"

+ HZ @ STN A1 = 162°20'27"

α STN to FS (i.e. $\alpha_{A1-CMC2}$) = 323°10'22"

$\Delta Y_{A1-CMC2} = HD_{A1-CMC2} \times \sin \alpha_{A1-CMC2}$ $= 23.861 \times \sin 323^\circ 10' 22''$ $= -14.302 \text{ m}$	$\Delta X_{A1-CMC2} = HD_{A1-CMC2} \times \cos \alpha_{A1-CMC2}$ $= 23.861 \times \cos 323^\circ 10' 22''$ $= 19.099 \text{ m}$
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$\Delta Y_{A1-CMC2}$	-14.302	$\Delta X_{A1-CMC2}$	19.099	ΔZ	0.7555
YA1	+97299.313	XA1	+2898406.435	ZA1	+1760.145
Y_{CMC2}	+97285.011	X_{CMC2}	+2898425.534	Z_{CMC2}	1760.901

Average coordinates for chamber of mines corner 2

Y_{CMC2}	+97285.010	X_{CMC2}	+2898425.534	Z_{CMC2}	1760.901
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UNIVERSITY OF THE WITWATERSRAND										
SCHOOL OF MINING ENGINEERING										
DATE: 03/04/2009	STATION: A1	HI: 1.545	HR: 1.70 m	TEMP: 22°C	Press: 829 mb			RH: 36%	SF: 0.9999	
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF	
	CL	CR	CL	CR						
BS C3	208°12'42"	28°12'43"	- 0°12'48"	-0°12'42"	21.604	21.604	21.604	21.604	-0.235	-0.235
FS CMC3	326°48'06"	146°48'01"	2°09'09"	2°09'17"	23.104	23.104	23.120	23.120	0.713	0.714
RED	118°35'24"	241°24'42"			23.104		23.120		0.7135	
FINAL	118°35'21"	241°24'39"								

To calculate the coordinate of CMC3

The join A1– C3 as calculated in A2 above

$$\alpha \text{ STN to BS (i.e. } \alpha_{A1-C3} \text{)} = 208^{\circ}12'38''$$

$$+ \text{ HZ @ STN A1} = 118^{\circ}35'21''$$

$$\alpha \text{ STN to FS (i.e. } \alpha_{A1-CMC3} \text{)} = 326^{\circ}47'59''$$

$\Delta Y_{A1-CMC3} = HD_{A1-CMC3} \times \sin \alpha_{A1-CMC3}$ $= 23.104 \times \sin 326^\circ 47' 59''$ $= -12.651 \text{ m}$	$\Delta X_{A1-CMC3} = HD_{A1-CMC3} \times \cos \alpha_{A1-CMC3}$ $= 23.104 \times \cos 326^\circ 47' 59''$ $= 19.333 \text{ m}$
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$\Delta Y_{A1-CMC3}$	-12.651	$\Delta X_{A1-CMC2}$	19.333	ΔZ	0.7135
Y_{A1}	+97299.313	X_{A1}	+2898406.435	Z_{A1}	+1760.145
YCMC3	+97286.662	X CMC3	+2898425.768	Z CMC3	1760.859

UNIVERSITY OF THE WITWATERSRAND																				
SCHOOL OF MINING ENGINEERING																				
DATE: 03/04/2009		STATION: A1		HI: 1.545	HR: 1.70 m		TEMP: 22°C		Press: 829 mb			RH: 36%		SF: 0.9999						
	HORIZONTAL ANGLES			VERTICAL ANGLES			HD			SD			HT DIFF							
	CL		CR		CL		CR													
BS TOL	160°49'49"		340°49'44"		11°16'52"		11°17'04"		199.843		199.850		203.781		203.791		41.412		41.425	
FS CMC3	326°48'06"		146°48'01"		2°09'09"		2°09'17"		23.104		23.104		23.120		23.120		0.713		0.714	
RED	165°58'17"		194°01'43"						23.104			23.120			0.7135					
FINAL	165°58'17"		194°01'43"																	

To calculate the coordinate of CMC3

The join A1– TOL as calculated in CMC1 above

α STN to BS (i.e. α_{A1-TOL}) = 160°49'55"

+ HZ @ STN A1 = 165°58'17"

α STN to FS (i.e. $\alpha_{A1-CMC3}$) = $326^{\circ}48'12''$

$\Delta Y_{A1-CMC3} = HD_{A1-CMC3} \times \sin \alpha_{A1-CMC3}$ $= 23.104 \times \sin 326^{\circ}48'12''$ $= -12.650 \text{ m}$	$\Delta X_{A1-CMC3} = HD_{A1-CMC3} \times \cos \alpha_{A1-CMC3}$ $= 23.104 \times \cos 326^{\circ}48'12''$ $= 19.333 \text{ m}$
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$\Delta Y_{A1-CMC3}$	-12.650	$\Delta X_{A1-CMC2}$	19.333	ΔZ	0.7135
Y_{A1}	+97299.313	X_{A1}	+2898406.435	Z_{A1}	+1760.145
Y_{CMC3}	+97286.663	X_{CMC3}	+2898425.768	Z_{CMC3}	1760.859

Average coordinates for chamber of mine corner 3

Y_{CMC3}	+97286.663	X_{CMC3}	+2898425.768	Z_{CMC3}	1760.859
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UNIVERSITY OF THE WITWATERSRAND										
SCHOOL OF MINING ENGINEERING										
DATE: 03/04/2009	STATION: C3	HI: 0.900 m	HR: 0.000m	TEMP: 22°C	Press: 829 mb			RH: 36%	SF: 0.9999	
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF	
	CL	CR	CL	CR						
BS C8	264°56'51"	84°56'55"	1°46'13"	1°46'05"	30.132	30.132	30.146	30.147	0.131	0.130
FS MINI PRISM	73°46'37"	253°46'19"	7°13'33"	7°13'35"	38.238	38.238	38.544	38.544	5.748	5.749
RED	168°49'46"	191°10'36"			38.238		38.544		5.7485	
FINAL	168°49'35"	191°10'25"								

To calculate the coordinate of MINI PRISM

The join C3-C8 as calculated in A1 above

α STN to BS (i.e. α_{C3-C8}) = 264°56'49"

+ HZ @ STN C3 = 168°49'35"

α STN to FS (i.e. $\alpha_{C3-EXP1}$) = 73°46'24"

$\Delta Y_{C3-EXP1} = HD_{C3-MINI PRISM} \times \sin \alpha_{C3-EXP1}$ $= 38.238 \times \sin 73^\circ 46' 24''$ $= \mathbf{36.715 \text{ m}}$	$\Delta X_{C3-EXP1} = HD_{C3-MINI PRISM} \times \cos \alpha_{C3-EXP1}$ $= 38.238 \times \cos 73^\circ 46' 24''$ $= \mathbf{10.685 \text{ m}}$
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$\Delta Y_{C3-EXP1}$	36.715	$\Delta X_{C3-EXP1}$	10.685	ΔZ	5.7485
Y_{C3}	+97289.097	X_{C3}	+2898387.391	Z_{C3}	+1760.902
$Y_{MINI PRISM}$	+97325.812	$X_{MINI PRISM}$	+2898398.076	$Z_{MINI PRISM}$	1766.650

UNIVERSITY OF THE WITWATERSRAND											
SCHOOL OF MINING ENGINEERING											
DATE: 03/04/2009		STATION: C3		HI: 0.900 m	HR: 0.000m	TEMP: 22°C		Press: 829 mb		RH: 36%	SF: 0.9999
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF		
	CL	CR	CL	CR							
BS TOL	155°55'29"	335°55'22"	12°20'07"	12°20'14"	185.903	185.903	190.297	190.297	41.556	41.556	
FS MINI PRISM	73°46'37"	253°46'19"	7°13'33"	7°13'35"	38.238	38.238	38.544	38.544	5.748	5.749	
RED	277°51'08"	82°09'03"			38.238		38.544		5.7485		
FINAL	277°51'05"	82°08'55"									

To calculate the coordinate of MINI PRISM (EXP1)

Given the coordinates of points C3 and TOL as follows:

Station/ coordinates	Y	X	Z or H
C3	+97289.097	+2898387.391	+1759.902
TOL	+97364.920	+2898217.700	+1801.510

The join C3 – TOL

$$\alpha_{C3-TOL} = \tan^{-1} \frac{\Delta Y_{C3-TOL}}{\Delta X_{C3-TOL}} ; \Delta Y_{C3-TOL} = -97289.097 + 97364.920 = 75.823; \Delta X_{C3-TOL} = -2898387.391 + 2898217.700 = -169.691$$

$$\alpha_{C3-TOL} = \tan^{-1} \frac{75.823}{-169.691} = 155^{\circ}55'25''$$

$$HD = \sqrt{\Delta Y^2 + \Delta X^2} \quad \text{Therefore: } HD = \sqrt{(75.823)^2 + (-169.691)^2} \quad \mathbf{HD_{C3-TOL} = 185.861 \text{ m}}$$

$$\alpha \text{ STN to BS (i.e. } \alpha_{C3-TOL}) = 155^{\circ}55'25''$$

$$\underline{+ \text{ HZ @ STN C3} = 277^{\circ}51'05''}$$

$$\alpha \text{ STN to FS (i.e. } \alpha_{C3-EXP1}) = 73^{\circ}46'30''$$

$\Delta Y_{C3-EXP1} = HD_{C3-MINI PRISM} \times \sin \alpha_{C3-EXP1}$ $= 38.238 \times \sin 73^{\circ}46'30''$ $= \mathbf{36.715 \text{ m}}$	$\Delta X_{C3-EXP1} = HD_{C3-MINI PRISM} \times \cos \alpha_{C3-EXP1}$ $= 38.238 \times \cos 73^{\circ}46'30''$ $= \mathbf{10.684 \text{ m}}$
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$\Delta Y_{C3-EXP1}$	36.715	$\Delta X_{C3-EXP1}$	10.684	ΔZ	5.7485
Y_{C3}	+97289.097	X_{C3}	+2898387.391	Z_{C3}	+1760.902
$Y_{MINI PRISM}$	+97325.812	$X_{MINI PRISM}$	+2898398.075	$Z_{MINI PRISM}$	1766.650

Average coordinates for the small prism

$Y_{MINI PRISM}$	+97325.812	$X_{MINI PRISM}$	+2898398.076	$Z_{MINI PRISM}$	1766.650
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UNIVERSITY OF THE WITWATERSRAND											
SCHOOL OF MINING ENGINEERING											
DATE: 03/04/2009	STATION: C3	HI: 0.900 m	HR: 0.000m	TEMP: 22°C	Press: 829 mb		RH: 36%	SF: 0.9999			
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF		
	CL	CR	CL	CR							
BS TOL	155°55'29"	335°55'22"	12°20'07"	12°20'14"	185.903	185.903	190.29 7	190.297	41.556	41.556	
FS CIRCULAR PRISM	73°46'23"	253°46'15"	6°28'54"	6°28'58"	38.239	38.239	38.485	38.485	5.244	5.245	
RED	277°50'54"	82°09'07"			38.239		38.485		5.2445		
FINAL	277°50'54"	82°09'06"									

To calculate the coordinate of CIRCULAR PRISM (EXP2)

The join C3 – TOL as calculated above in MINI PRISM

$$\alpha_{STN \text{ to BS (i.e. } \alpha_{C3-TOL})} = 155^{\circ}55'25''$$

$$+ \text{ HZ @ STN C3 } = 277^{\circ}50'54''$$

$$\alpha_{STN \text{ to FS (i.e. } \alpha_{C3-EXP2})} = 73^{\circ}46'19''$$

$\Delta Y_{C3-EXP2} = HD_{C3-CIRCULAR\ PRISM} \times \sin \alpha_{C3-EXP2}$ $= 38.239 \times \sin 73^\circ 46' 19''$ $= \mathbf{36.715\ m}$	$\Delta X_{C3-EXP2} = HD_{C3-CIRCULAR\ PRISM} \times \cos \alpha_{C3-EXP2}$ $= 38.239 \times \cos 73^\circ 46' 19''$ $= \mathbf{10.686\ m}$
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$\Delta Y_{C3-EXP2}$	36.711	$\Delta X_{C3-EXP2}$	10.686	ΔZ	5.2445
Y_{C3}	+97289.097	X_{C3}	+2898387.391	Z_{C3}	+1760.902
$Y_{CIRCULAR\ PRISM}$	+97325.812	$X_{CIRCULAR\ PRISM}$	+2898398.077	$Z_{CIRCULAR\ PRISM}$	1766.147

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING									
DATE: 03/04/2009	STATION: C3	HI: 0.900 m	HR: 0.000m	TEMP: 22°C	Press: 829 mb		RH: 36%	SF: 0.9999	
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF
	CL	CR	CL	CR					
BS C8	264°56'51"	84°56'55"	1°46'13"	1°46'05"	30.132	30.132	30.146	30.147	0.131
FS CIRCULAR PRISM	73°46'23"	253°46'15"	6°28'54"	6°28'58"	38.239	38.239	38.485	38.485	5.244
RED	168°49'32"	191°10'40"			38.239		38.485		5.2445
FINAL	168°49'26"	191°10'34"							

To calculate the coordinate of CIRCULAR PRISM (EXP2)

The join C3 – C8 as calculated in A1 above

α STN to BS (i.e. α_{C3-C8}) = 264°56'49"

+ HZ @ STN C3 = 168°49'26"

α STN to FS (i.e. $\alpha_{C3-EXP2}$) = 73°46'15"

$\Delta Y_{C3-EXP2} = HD_{C3-CIRCULAR PRISM} \times \sin \alpha_{C3-EXP2}$ $= 38.239 \times \sin 73^\circ 46' 15''$ $= \mathbf{36.715 \text{ m}}$	$\Delta X_{C3-EXP2} = HD_{C3-CIRCULAR PRISM} \times \cos \alpha_{C3-EXP2}$ $= 38.239 \times \cos 73^\circ 46' 15''$ $= \mathbf{10.687 \text{ m}}$
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$\Delta Y_{C3-EXP2}$	36.715	$\Delta X_{C3-EXP2}$	10.687	ΔZ	5.2445
YC3	+97289.097	XC3	+2898387.391	ZC3	+1760.902
Y_{CIRCULAR PRISM}	+97325.812	X_{CIRCULAR PRISM}	+2898398.078	Z_{CIRCULAR PRISM}	1766.147

Average coordinates for the circular prism

Y_{CIRCULAR PRISM}	+97325.812	X_{CIRCULAR PRISM}	+2898398.078	Z_{CIRCULAR PRISM}	1766.147
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UNIVERSITY OF THE WITWATERSRAND										
SCHOOL OF MINING ENGINEERING										
DATE: 03/04/2009	STATION: C3	HI: 0.900 m	HR: 0.000m	TEMP: 22°C	Press: 829 mb		RH: 36%	SF: 0.9999		
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF	
	CL	CR	CL	CR						
BS C8	264°56'51"	84°56'55"	1°46'13"	1°46'05"	30.132	30.132	30.146	30.147	0.131	0.130
FS STICKER	73°46'37"	253°46'39"	5°44'23"	5°44'21"	38.245	38.244	38.437	38.436	4.744	4.744
RED	168°49'46"	191°10'16"			38.2445		38.4365		4.744	
FINAL	168°49'45"	191°10'15"								

To calculate the coordinate of STICKER (EXP3)

The join C3 – C8 as calculated in A1 above

α STN to BS (i.e. α_{C3-C8}) = 264°56'49"

+ HZ @ STN C3 = 168°49'45"

α STN to FS (i.e. $\alpha_{C3-EXP3}$) = 73°46'34"

$\Delta Y_{C3-EXP3} = HD_{C3-STICKER} \times \sin \alpha_{C3-EXP3}$ $= 38.2445 \times \sin 73^\circ 46' 34''$ $= \mathbf{36.721 \text{ m}}$	$\Delta X_{C3-EXP3} = HD_{C3-STICKER} \times \cos \alpha_{C3-EXP3}$ $= 38.2445 \times \cos 73^\circ 46' 34''$ $= \mathbf{10.685 \text{ m}}$
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$\Delta Y_{C3-EXP3}$	36.721	$\Delta X_{C3-EXP3}$	10.685	ΔZ	4.744
Y_{C3}	+97289.097	X_{C3}	+2898387.391	Z_{C3}	+1760.902
$Y_{STICKER}$	+97325.818	$X_{STICKER}$	+2898398.076	$Z_{STICKER}$	1765.646

UNIVERSITY OF THE WITWATERSRAND										
SCHOOL OF MINING ENGINEERING										
DATE: 03/04/2009	STATION: C3	HI: 0.900 m	HR: 0.000m	TEMP: 22°C	Press: 829 mb			RH: 36%	SF: 0.9999	
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF	
	CL	CR	CL	CR						
BS TOL	155°55'29"	335°55'22"	12°20'07"	12°20'14"	185.903	185.903	190.297	190.297	41.556	41.556
FS STICKER	73°46'37"	253°46'39"	5°44'23"	5°44'21"	38.245	38.244	38.437	38.436	4.744	4.744
RED	277°51'08"	82°08'43"			38.2445		38.4365		4.744	
FINAL	277°51'12"	82°08'48"								

To calculate the coordinate of STICKER (EXP3)

The join C3 – TOL as calculated in MINI PRISM above

$$\alpha_{\text{STN to BS (i.e. } \alpha_{C3-TOL})} = 155^{\circ}55'25''$$

$$+ \text{ HZ @ STN C3} = 277^{\circ}51'12''$$

$$\alpha_{\text{STN to FS (i.e. } \alpha_{C3-EXP3})} = 73^{\circ}46'33''$$

$\Delta Y_{C3-EXP3} = \text{HD}_{C3-STICKER} \times \sin \alpha_{C3-EXP3}$ $= 38.2445 \times \sin 73^{\circ}46'33''$ $= \mathbf{36.717 \text{ m}}$	$\Delta X_{C3-EXP3} = \text{HD}_{C3-STICKER} \times \cos \alpha_{C3-EXP3}$ $= 38.2445 \times \cos 73^{\circ}46'33''$ $= \mathbf{10.701 \text{ m}}$
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$\Delta Y_{C3-EXP3}$	36.721	$\Delta X_{C3-EXP3}$	10.685	ΔZ	4.744
Y_{C3}	+97289.097	X_{C3}	+2898387.391	Z_{C3}	+1760.902
Y_{STICKER}	+97325.818	X_{STICKER}	+2898398.076	Z_{STICKER}	1765.646

Average coordinates for sticker

Y_{STICKER}	+97325.818	X_{STICKER}	+2898398.076	Z_{STICKER}	1765.646
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UNIVERSITY OF THE WITWATERSRAND										
SCHOOL OF MINING ENGINEERING										
DATE: 03/04/2009	STATION: A2	HI: 1.455	HR: 1.700m	TEMP: 22°C	Press: 829 mb		RH: 36%	SF: 0.9999		
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF	
	CL	CR	CL	CR						
BS A1	264°50'06"	84°50'00"	3°03'52"	3°03'52"	17.083	17.083	17.107	17.108	0.670	0.670
FS WS	278°38'32"	98°38'18"	28°59'23"	29°00'00"	30.594	30.591	34.977	34.977	18.399	18.400
RED	13°48'26"	346°11'42"			30.5925		34.977		18.399	
FINAL	13°48'22"	346°11'38"								

To calculate the coordinate of WS

Given the coordinates of points A2 and A1 as follows:

Station/ coordinates	Y	X	Z or H
A2	+97316.327	+2898407.973	+1759.488
A1	+97299.313	+2898406.435	+1760.145

The join A2– A1

$$\alpha_{A2-A1} = \tan^{-1} \frac{\Delta Y_{A2-A1}}{\Delta X_{A2-A1}} ; \Delta Y_{A2-A1} = -97316.327 + 97299.313 = -17.014 ; \Delta X_{A2-A1} = -2898407.973 + 2898406.435 = -1.538$$

$$\alpha_{A2-A1} = \tan^{-1} \frac{-17.014}{-1.538} = 264^{\circ}50'05''$$

$$HD = \sqrt{\Delta Y^2 + \Delta X^2} \quad \text{Therefore: } HD = \sqrt{(17.014)^2 + (1.538)^2} \quad \mathbf{HD_{A2-A1} = 17.083 \text{ m}}$$

$$\alpha_{\text{STN to BS (i.e. } \alpha_{A2-A1})} = 264^{\circ}50'05''$$

$$\underline{+ \text{ HZ @ STN A2} = 13^{\circ}48'22''}$$

$$\alpha_{\text{STN to FS (i.e. } \alpha_{A2-WS})} = 278^{\circ}38'27''$$

$\Delta Y_{A2-WS} = HD_{A2-WS} \times \sin \alpha_{A2-WS}$ $= 30.5925 \times \sin 278^{\circ}38'27''$ $= \mathbf{-30.245 \text{ m}}$	$\Delta X_{A2-WS} = HD_{A2-WS} \times \cos \alpha_{A2-WS}$ $= 30.5925 \times \cos 278^{\circ}38'27''$ $= \mathbf{4.596 \text{ m}}$
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ΔY_{A2-WS}	-30.245	ΔX_{A2-WS}	2.567	ΔZ	18.399
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Y_{A2}	+97316.327	X_{A2}	+2898407.973	Z_{A2}	1759.488
Y_{WS}	+97286.082	X_{WS}	+2898412.569	Z_{WS}	1777.887

UNIVERSITY OF THE WITWATERSRAND													
SCHOOL OF MINING ENGINEERING													
DATE: 03/04/2009		STATION: A2		HI: 1.455	HR: 0.240m		TEMP: 22°C		Press: 829 mb			RH: 36%	SF: 0.9999
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF				
	CL	CR	CL	CR									
BS TOL	165°40'29"	345°40'24"	11°41'04"	11°41'16"	196.408	196.408	200.566	200.566	42.076	42.076			
FS WS	278°37'26"	98°37'34"	28°58'29"	28°58'36"	30.598	30.598	34.976	34.976	18.398	18.400			
RED	112°56'57"	247°02'50"			30.598		34.976		18.399				
FINAL	112°57'04"	247°02'56"											

To calculate the coordinate of WS

Given the coordinates of points A2 and A1 as follows:

Station/ coordinates	Y	X	Z or H
A2	+97316.327	+2898407.973	+1759.488
TOL	+97364.920	+2898217.700	+1801.510

The join A2– TOL

$$\alpha_{A2-TOL} = \tan^{-1} \frac{\Delta Y_{A2-TOL}}{\Delta X_{A2-TOL}} ; \Delta Y_{A2-TOL} = -97316.327 + 97364.920 = 48.593 ; \Delta X_{A2-TOL} = -2898407.973 + 2898217.700 = -190.273$$

$$\alpha_{A2-TOL} = \tan^{-1} \frac{48.593}{-190.273} = 165^{\circ}40'25''$$

$$HD = \sqrt{\Delta Y^2 + \Delta X^2} \quad \text{Therefore: } HD = \sqrt{(48.593)^2 + (190.273)^2} \quad \mathbf{HD_{A2 - A1} = 196.380 \text{ m}}$$

α STN to BS (i.e. α_{A2-TOL}) = 165°40'25"

+ HZ @ STN A2 = 112°57'04"

α STN to FS (i.e. α_{A2-WS}) = 278°37'29"

$\Delta Y_{A2-WS} = HD_{A2-W1} \times \sin \alpha_{A2-WS}$ $= 30.598 \times \sin 278^\circ 37' 29''$ $= -30.252 \text{ m}$	$\Delta X_{A2-WS} = HD_{A2-W1} \times \cos \alpha_{A2-WS}$ $= 30.598 \times \cos 278^\circ 37' 29''$ $= 4.589 \text{ m}$
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ΔY_{A2-WS}	-30.252	ΔX_{A2-WS1}	4.589	ΔZ	18.399
Y_{A2}	+97316.327	X_{A2}	+2898407.973	Z_{A2}	1759.488
Y_{WS}	+97286.075	X_{WS}	+2898412.562	Z_{WS}	1777.887

Average coordinates for observation window bracket

Y_{WS}	+97286.079	X_{WS}	+2898412.566	Z_{WS}	1777.647
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Day 2

UNIVERSITY OF THE WITWATERSRAND										
SCHOOL OF MINING ENGINEERING										
DATE: 01/05/2009	STATION: C1		HI: 1.455	HR: 1.550m	TEMP: 20°C		Press: 821 mb		RH: 31%	SF: 0.99998
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF	
	CL	CR	CL	CR						
BS TOL	131°25'13"	311°25'18"	10°47'58"	10°47'52"						
FS A4	67°39'29"	247°39'31"	-0046'22"	-0046'15"	122.824	122.824	122.835	122.835	-1.751	-1.747
RED	296°14'16"	63°45'47"			122.824		122.835		-1.749	
FINAL	296°14'15"	63°45'45"								

To calculate the coordinate of A4

Given the coordinates of points C1 and TOL as follows:

Station/ coordinates	Y	X	Z or H
C1	+97208.460	+2898355.735	+1760.246
TOL	+97364.920	+2898217.700	+1801.510

The join C1-TOL

$$\alpha_{C1-TOL} = \tan^{-1} \frac{\Delta Y_{C1-TOL}}{\Delta X_{C1-TOL}} ; \quad \Delta Y_{C1-TOL} = -97208.460 + 97364.920 = 156.46 ;$$

$$\Delta X_{C1-TOL} = -2898355.735 + 2898217.700 = -138.035$$

$$\alpha_{C1-TOL} = \tan^{-1} \frac{156.46}{-138.035} = 131^{\circ}25'12''$$

$$HD = \sqrt{\Delta Y^2 + \Delta X^2} \quad \text{Therefore: } HD = \sqrt{(156.46)^2 + (138.035)^2} \quad \mathbf{HD_{C1-TOL} = 208.65 \text{ m}}$$

α STN to BS (i.e. α_{C1-TOL}) = $131^{\circ}25'12''$

+ HZ @ STN C1 = $296^{\circ}14'15''$

α STN to FS (i.e. α_{C1-A4}) = $67^{\circ}39'27''$

$\Delta Y_{C1-A4} = HD_{C1-A4} \times \sin \alpha_{C1-A4}$ $= 122.824 \times \sin 67^{\circ}39'27''$ $= \mathbf{113.603 \text{ m}}$	$\Delta X_{C1-A4} = HD_{C1-A4} \times \cos \alpha_{C1-A4}$ $= 122.824 \times \cos 67^{\circ}39'27''$ $= \mathbf{46.691 \text{ m}}$
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ΔY_{C1-A4}	113.603	ΔX_{C1-A4}	46.691	ΔZ	-1.749
Y_{C1}	+97208.460	X_{C1}	+2898355.735	Z_{A2}	1760.246
Y_{A4}	+97322.063	X_{A4}	+2898402.426	Z_{A4}	1758.497

To calculate the coordinates of WS from point A4

UNIVERSITY OF THE WITWATERSRAND										
SCHOOL OF MINING ENGINEERING										
DATE: 01/05/2009	STATION: A4	HI: 1.60	HR: 1.550m	TEMP: 20°C	Press: 821 mb			RH: 31%	SF: 0.99998	
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF	
	CL	CR	CL	CR						
BS C1	247°39'28"	67°39'22"	0°47'27"	0°47'34"	122.820	122.820	122.832	122.832	1.746	1.750
FS WS	285°48'03"	105°48'13"	25°21'55"	25°21'56"	37.423	37.422	41.410	41.410	19.329	19.331
RED	38°08'35"	321°51'09"			37.4225		41.410		19.330	
FINAL	38°08'43"	321°51'17"								

To calculate the coordinate of WS

Given the coordinates of points A4 and C1 as follows:

Station/ coordinates	Y	X	Z or H
A4	+97322.063	+2898402.426	+1758.497
C1	+97208.460	+2898355.735	+1760.246

The join A4-C1

$$\alpha_{A4-C1} = \tan^{-1} \frac{\Delta Y_{A4-C1}}{\Delta X_{A4-C1}} = 180 + \alpha_{C1-A4} = 180 + 67^\circ 39' 27'' = 247^\circ 39' 27''$$

$$HD = \sqrt{\Delta Y^2 + \Delta X^2} \quad \text{Therefore: } HD = \sqrt{(113.603)^2 + (46.691)^2} \quad \mathbf{HD_{A4-C1} = 122.824 \text{ m}}$$

$$\alpha_{\text{STN to BS (i.e. } \alpha_{A4-C1})} = 247^\circ 39' 27''$$

$$+ \text{ HZ @ STN A4} \quad \underline{\quad 38^\circ 08' 43'' \quad}$$

$$\alpha_{\text{STN to FS (i.e. } \alpha_{A4-WS})} = 285^\circ 48' 10''$$

$\Delta Y_{A4-WS} = \text{HDA4-WS} \times \sin \alpha_{A4-WS}$ $= 37.4225 \times \sin 285^\circ 48' 10''$ $= \mathbf{-36.008 \text{ m}}$	$\Delta X_{A4-WS} = \text{HD A4-WS} \times \cos \alpha_{A4-WS}$ $= 37.4225 \times \cos 285^\circ 48' 10''$ $= \mathbf{10.191 \text{ m}}$
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ΔY_{A4-WS}	-36.008	ΔX_{A4-WS}	10.191	$\Delta Z'$	19.330
Y_{A4}	+97322.063	X_{A4}	+2898403.426	Z_{A4}	1758.497

Y_{WS}	97286.055	X_{WS}	2898412.617	Z_{WS'}	1777.827
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$Z_{WS} = Z_{WS'} + \text{Height of Reflector on point WS (i.e 0.24)}$

$$= 1777.827 - 0.24 = 1777.587$$

$$\mathbf{Z_{WS} = 1777.587}$$

To calculate the coordinates of WS from point A4 using TOL as backsight

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING									
DATE: 01/05/2009	STATION: A4		HI: 1.60	HR: 1.550m	TEMP: 20°C		Press: 821 mb		RH: 31% SF: 0.99998
	HORIZONTAL ANGLES		VERTICAL ANGLES		HD		SD		HT DIFF
	CL	CR	CL	CR					
BS TOL	166°56'20"	346°56'15"	12°18'51"	12°19'02"					
FS WS	285°48'03"	105°048'13"	25°21'55"	25°21'56"	37.423	37.422	41.410	41.410	19.329 19.331
RED	118051'43"	241°08'02"			37.4225		41.410		19.330
FINAL	118°51'50"	241°08'10"							

To calculate the coordinate of WS

Given the coordinates of points A4 and TOL as follows:

Station/ coordinates	Y	X	Z or H
A4	+97322.063	+2898402.426	+1758.497
TOL	+972364.920	+2898217.700	+1801.510

The join A4-TOL

$$\alpha_{A4-TOL} = \tan^{-1} \frac{\Delta Y_{A4-TOL}}{\Delta X_{A4-TOL}} ; \Delta Y_{A4-TOL} = -97322.063 + 97364.920 = 42.857 ;$$

$$\Delta X_{A4-TOL} = -2898402.426 + 2898217.700 = -184.726$$

$$\alpha_{A4-TOL} = \tan^{-1} \frac{42.857}{-184.726} = 166^\circ 56' 18''$$

$$HD = \sqrt{\Delta Y^2 + \Delta X^2} \quad \text{Therefore: } HD = \sqrt{(42.857)^2 + (184.726)^2} \quad \mathbf{HD_{A4-TOL} = 189.632 \text{ m}}$$

$$\alpha \text{ STN to BS (i.e. } \alpha_{A4-TOL} \text{)} = 166^\circ 56' 18''$$

$$+ \text{ HZ @ STN A4} \quad \underline{118^\circ 51' 50''}$$

$$\alpha \text{ STN to FS (i.e. } \alpha_{A4-WS} \text{)} = 285^\circ 48' 08''$$

$\Delta Y_{A4-WS} = \text{HDA4-WS} \times \sin \alpha_{A4-WS}$ $= 37.4225 \times \sin 285^\circ 48' 10''$ $= \mathbf{-36.008 \text{ m}}$	$\Delta X_{A4-WS} = \text{HD A4-WS} \times \cos \alpha_{A4-WS}$ $= 37.4225 \times \cos 285^\circ 48' 10''$ $= \mathbf{10.191 \text{ m}}$
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ΔY_{A4-WS}	-36.008	ΔX_{A4-WS}	10.191	$\Delta Z'$	19.330
Y_{A4}	+97322.063	X_{A4}	+2898403.426	Z_{A4}	1758.497
Y_{WS}	97286.055	X_{WS}	2898412.617	$Z_{WS'}$	1777.827

$$Z_{WS} = Z_{WS'} + \text{Height of Reflector on point WS (i.e 0.24)}$$

$$= 1777.827 - 0.24 = 1777.587$$

$$\mathbf{Z_{WS} = 1777.587}$$

Day 3

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING								TIME: 08:40am	
DATE: 04/05/2009	STATION: C3	HI: 1.43 m	HR: 1.52 m	TEMP: 18.5°C	Press: 825 mb			RH: 36%	SF: 0.9999
	HORIZONTAL ANGLES		HD				HT DIFF		
	CL	CR							
BS C8	264°56'51"	84°56'45"			30.136	30.136		0.224	0.225
FS A1	28°12'44"	208°12'39"			21.611	21.611		0.246	0.246
RED	123°15'53"	236°44'06"			21.611			0.2465	
FINAL	123°15'54"	236°44'06"							

To calculate the coordinates of A1

The join C3 – C8 as calculated in A1 survey of day 1 as shown above

α STN to BS (i.e. α_{C3-C8}) = 264°56'49"

+ HZ @ STN C3 = 123°15'54"

α STN to FS (i.e. α_{C3-A1}) = 28°12'43"

$\Delta Y_{C3-A1} = HD_{C3-A1} \times \sin \alpha_{C3-A1}$ $= 21.611 \times \sin 28^\circ 12' 43''$ $= \mathbf{10.216 \text{ m}}$	$\Delta X_{C3-A1} = HD_{C3-A1} \times \cos \alpha_{C3-A1}$ $= 21.611 \times \cos 28^\circ 12' 43''$ $= \mathbf{19.044 \text{ m}}$
---	---

ΔY_{C3-A1}	10.216	ΔX_{C3-A1}	19.044	ΔZ	0.246
Y_{C3}	+97289.097	X_{C3}	+2898387.391	Z_{C3}	1759.902
Y_{A1}	+97299.313	X_{A1}	+2898406.435	Z_{A1}	1760.148

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING								TIME: 09:52am	
DATE: 04/05/2009	STATION: C3	HI: 1.39 m	HR: 1.52 m	TEMP: 18.5°C	Press: 825 mb			RH: 36%	SF: 0.9999
	HORIZONTAL ANGLES		HD				HT DIFF		
	CL	CR							
BS C3	208°12'27"	28°12'10"			21.604	21.604		-0.235	-0.235
FS A2	84°54'42"	264°54'29"			17.085	17.086		-0.652	-0.651
RED	236°42'15"	123°17'41"			17.085			-0.6515	
FINAL	236°42'17"	123°17'43"							

To calculate the coordinates of A2

To calculate the coordinates of A2

The join A1 - C3 as calculated in A2 survey of day 1 as shown above

α STN to BS (i.e. α_{A1-C3}) = 208°12'43"

+ HZ @ STN A1 = 236°42'17"

α STN to FS (i.e. α_{A1-A2}) = 84°55'00"

$\Delta Y_{A1-A2} = HD_{A1-A2} \times \sin \alpha_{A1-A2}$ $= 17.085 \times \sin 84^\circ 55' 00''$ $= \mathbf{17.019 \text{ m}}$	$\Delta X_{A1-A2} = HD_{A1-A2} \times \cos \alpha_{A1-A2}$ $= 17.085 \times \cos 84^\circ 55' 00''$ $= \mathbf{1.514 \text{ m}}$
---	--

ΔY_{A1-A2}	17.019	ΔX_{A1-A2}	1.514	ΔZ	-0.651
Y_{A1}	+97299.313	X_{A1}	+2898406.435	Z_{A1}	+1760.148
Y_{A2}	+97316.332	X_{A2}	+2898407.949	Z_{A2}	1759.497

To calculate the coordinate of WS

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING									
DATE: 04/05/2009	STATION: C3	HI: 1.44 m	HR: 1.52 m	TEMP: 18.5°C	Press: 825 mb		RH: 36%	SF: 0.9999	
	HORIZONTAL ANGLES		HD				HT DIFF		
	CL	CR							
BS A1	264°54'45"	84°54'33"			17.085	17.085		0.670	0.670
FS WS	278°41'49"	98°41'54"			30.599	30.598		18.410	18.410
RED	13°47'04"	346°12'39"			30.598			18.410	
FINAL	13°47'12"	346°13'48"							

The join A2 – A1 as calculated in WS of day 1 above

α STN to BS (i.e. α_{A2-A1}) = 264°55'00"

+ HZ @ STN A2 = 13°47'12"

α STN to FS (i.e. α_{A2-WS}) = 278°42'12"

$\Delta Y_{A2-W1} = HD_{A2-W1} \times \sin \alpha_{A2-WS}$ $= 30.598 \times \sin 278^\circ 42' 12''$ $= -30.246\text{m}$	$\Delta X_{A2-W1} = HD_{A2-W1} \times \cos \alpha_{A2-WS}$ $= 30.598 \times \cos 278^\circ 42' 12''$ $= 4.630\text{m}$
--	--

ΔY_{A2-WS}	-30.246	ΔX_{A2-W1}	4.630	ΔZ	18.399
Y_{A2}	+97316.332	X_{A2}	+2898407.949	Z_{A2}	1759.497
Y_{WS}	+97286.086	X_{WS}	+2898412.579	Z_{WS}	1777.907 -0.24 = 1777.667

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING								TIME:	
DATE: 04/05/2009	STATION: C3	HI: 1.485 m	HR: 1.52 m	TEMP: 20.5°C	Press: 823 mb			RH: 33%	SF: 0.9999
	HORIZONTAL ANGLES		HD				HT DIFF		
	CL	CR							
BS C8	264°56'54"	84°56'46"			30.133	30.133		0.223	0.224
FS A1	28°12'29"	208°12'17"			21.613	21.613		0.243	0.243
RED	123°15'35"	236°44'29"			21.613			0.243	
FINAL	123°15'33"	236°44'27"							

To calculate the coordinates of A1

The join C3 – C8 as calculated in A1 survey of day 1 as shown above

α STN to BS (i.e. α_{C3-C8}) = 264°56'49"

+ HZ @ STN C3 = 123°15'33"

α STN to FS (i.e. α_{C3-A1}) = 28°12'22"

$\Delta Y_{C3-A1} = HD_{C3-A1} \times \sin \alpha_{C3-A1}$ $= 21.613 \times \sin 28^\circ 12' 22''$ $= \mathbf{10.215 \text{ m}}$	$\Delta X_{C3-A1} = HD_{C3-A1} \times \cos \alpha_{C3-A1}$ $= 21.613 \times \cos 28^\circ 12' 22''$ $= \mathbf{19.047 \text{ m}}$
---	---

ΔY_{C3-A1}	10.215	ΔX_{C3-A1}	19.047	ΔZ	0.243
Y_{C3}	+97289.097	X_{C3}	+2898387.391	Z_{C3}	1759.902
Y_{A1}	+97299.312	X_{A1}	+2898406.438	Z_{A1}	1760.145

To calculate the coordinates of A2

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING								TIME:	
DATE: 04/05/2009	STATION: C3	HI: 1.450 m	HR: 1.52 m	TEMP: 20.5°C	Press: 823 mb			RH: 33%	SF: 0.9999
	HORIZONTAL ANGLES			HD				HT DIFF	
	CL	CR							
BS C3	208°12'25"	28°12'14"			21.613	21.612		-0.228	-0.228
FS A2	84°55'15"	264°55'04"			17.086	17.086		-0.650	-0.650
RED	236°42'50"	123°17'10"			17.086			-0.650	
FINAL	236°42'50"	123°17'10"							

To calculate the coordinates of A2

The join A1 - C3 as calculated in A2 survey of day 1 as shown above

α STN to BS (i.e. α_{A1-C3}) = 208°12'22"

+ HZ @ STN A1 = 236°42'50"

α STN to FS (i.e. α_{A1-A2}) = 84°55'12"

$\Delta Y_{A1-A2} = HD_{A1-A2} \times \sin \alpha_{A1-A2}$ $= 17.086 \times \sin 84^\circ 55' 12''$ $= \mathbf{17.019 \text{ m}}$	$\Delta X_{A1-A2} = HD_{A1-A2} \times \cos \alpha_{A1-A2}$ $= 17.086 \times \cos 84^\circ 55' 12''$ $= \mathbf{1.513 \text{ m}}$
---	--

ΔY_{A1-A2}	17.019	ΔX_{A1-A2}	1.514	ΔZ	-0.650
Y_{A1}	+97299.312	X_{A1}	+2898406.438	Z_{A1}	+1760.145
Y_{A2}	+97316.331	X_{A2}	+2898407.951	Z_{A2}	1759.495

To calculate the coordinate of WS

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING									
DATE: 04/05/2009	STATION: C3	HI: 1.56 m	HR: 1.52 m	TEMP: 20.5°C	Press: 823 mb		RH: 33%	SF: 0.9999	
	HORIZONTAL ANGLES		HD				HT DIFF		
	CL	CR							
BS A1	264°55'13"	84°55'17"			17.087	17.087		0.668	0.669
FS WS	278°42'33"	98°42'38"			30.593	30.593		18.413	18.413
RED	13°47'20"	346°12'39"			30.593			18.413	
FINAL	13°47'20"	346°13'40"							

The join A2 – A1 as calculated in WS of day 1 above

α STN to BS (i.e. α_{A2-A1}) = 264°55'12"

+ HZ @ STN A2 = 13°47'20"

α STN to FS (i.e. α_{A2-WS}) = 278°42'32"

$\Delta Y_{A2-W1} = HD_{A2-W1} \times \sin \alpha_{A2-WS}$ $= 30.598 \times \sin 278^\circ 42' 32''$ $= -30.240\text{m}$	$\Delta X_{A2-W1} = HD_{A2-W1} \times \cos \alpha_{A2-WS}$ $= 30.593 \times \cos 278^\circ 42' 32''$ $= 4.632\text{m}$
--	--

ΔY_{A2-WS}	-30.240	ΔX_{A2-W1}	4.632	ΔZ	18.413
Y_{A2}	+97316.331	X_{A2}	+2898407.951	Z_{A2}	1759.495
Y_{WS}	+97286.091	X_{WS}	+2898412.583	Z_{WS}	1777.908 -0.24 = 1777.668

Day 4

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING								TIME: 6:00 am	
DATE: 05/05/2009	STATION: C1	HI: 1.455	HR: 1.520m	TEMP: 18.5 °C	Press: 825 mb			RH: 38%	SF: 0.99998
	HORIZONTAL ANGLES			HD				HT DIFF	
	CL	CR							
BS C8	60°11'14"	240°11'24"							
FS A4	67°40'27"	247°40'18"			122.819	122.819		-1.744	-1.743
RED	7°29'13"	352°31'06"			122.819			-1.7435	
FINAL	7°29'04"	352°30'56"							

To calculate the coordinate of A4

Given the coordinates of points C1 and C8 as follows:

Station/ coordinates	Y	X	Z or H
C1	+97208.460	+2898355.735	+1760.246
C8	+97259.071	+2898384.736	+1760.082

The join C1-C8

$$\alpha_{C1-C8} = \tan^{-1} \frac{\Delta Y_{C1-C8}}{\Delta X_{C1-C8}} ; \Delta Y_{C1-C8} = -97208.460 + 97259.071 = 50.611; \Delta X_{C1-C8} = -2898355.735 + 2898384.736 = 29.001$$

$$\alpha_{C1-C8} = \tan^{-1} \frac{50.611}{29.001} = \mathbf{60^{\circ}11'12''}$$

$$HD = \sqrt{\Delta Y^2 + \Delta X^2} \quad \text{Therefore: } HD = \sqrt{(50.611)^2 + (29.001)^2} \quad \mathbf{HD_{C1-C8} = 58.331 \text{ m}}$$

$$\alpha \text{ STN to BS (i.e. } \alpha_{C1-C8}) = 60^\circ 11' 12''$$

$$+ \text{ HZ @ STN C1} = 7^\circ 29' 04''$$

$$\alpha \text{ STN to FS (i.e. } \alpha_{C1-A4}) = 67^\circ 40' 16''$$

$\Delta Y_{C1-A4} = HD_{C1-A4} \times \sin \alpha_{C1-A4}$ $= 122.824 \times \sin 67^\circ 40' 16''$ $= \mathbf{113.610 \text{ m}}$	$\Delta X_{C1-A4} = HD_{C1-A4} \times \cos \alpha_{C1-A4}$ $= 122.824 \times \cos 67^\circ 40' 16''$ $= \mathbf{46.662 \text{ m}}$
---	--

ΔY_{C1-A4}	113.610	ΔX_{C1-A4}	46.662	ΔZ	-1.7435
Y_{C1}	+97208.460	X_{C1}	+2898355.735	Z_{A2}	1760.246
Y_{A4}	+97322.070	X_{A4}	+2898402.397	Z_{A4}	1758.503

To calculate the coordinates of WS from point A4

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING									
STATION: A4		HI: 1.53	HR: 1.520m	TEMP: 18.5 °C	Press: 825 mb		RH: 38%	SF: 0.99998	
HORIZONTAL ANGLES			HD			HT DIFF			
CL	CR								
BS C1	247°40'19"	67°40'14"			122.820	122.820		1.746	1.750
FS WS	285°48'52"	105°48'58"			37.423	37.422		19.322	19.321
RED	38°08'33"	321°51'16"			37.4225			19.3215	
FINAL	38°08'38"	321°51'22"							

To calculate the coordinate of WS

Given the coordinates of points A4 and C1 as follows:

Station/ coordinates	Y	X	Z or H
A4	+97322.063	+2898402.426	+1758.497
C1	+97208.460	+2898355.735	+1760.246

The join A4-C1

$$\alpha_{A4-C1} = \tan^{-1} \frac{\Delta Y_{A4-C1}}{\Delta X_{A4-C1}} = 180 + \alpha_{C1-A4} = 180 + 67^{\circ} 40' 16'' = 247^{\circ} 30' 16''$$

α STN to BS (i.e. α_{A4-C1}) = $247^{\circ} 40' 16''$

+ HZ @ STN A4 $38^{\circ} 08' 38''$

α STN to FS (i.e. α_{A4-WS}) = $285^{\circ} 48' 54''$

$\Delta Y_{A4-WS} = HD_{A4-WS} \times \sin \alpha_{A4-WS}$ $= 37.421 \times \sin 285^{\circ} 48' 54''$ $= -36.005 \text{ m}$	$\Delta X_{A4-WS} = HD_{A4-WS} \times \cos \alpha_{A4-WS}$ $= 37.421 \times \cos 285^{\circ} 48' 54''$ $= 10.198 \text{ m}$
--	---

ΔY_{A4-WS}	-36.005	ΔX_{A4-WS}	10.198	$\Delta Z'$	19.3215
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Y_{A4}	+97322.070	X_{A4}	+2898402.397	Z_{A4}	1758.503
Y_{WS}	97286.065	X_{WS}	2898412.595	$Z_{WS'}$	1777.825

$Z_{WS} = Z_{WS'} + \text{Height of Reflector on point WS (i.e 0.24)}$

$$= 1777.825 - 0.24 = 1777.585$$

$$\mathbf{Z_{WS} = 1777.585}$$

To calculate the coordinate of A5

UNIVERSITY OF THE WITWATERSRAND									
SCHOOL OF MINING ENGINEERING								TIME: 6:00 am	
DATE: 05/05/2009	STATION: C1	HI: 1.420	HR: 1.520m	TEMP: 18.5 C	Press: 825 mb			RH: 38%	SF: 0.99998
	HORIZONTAL ANGLES		HD					HT DIFF	
	CL	CR							
BS C8	60°11'14"	240°11'24"			58.334	58.334		-0.173	-0.171
FS A5	62°20'50"	242°20'55"			121.211	121.211		-0.583	-0.581
RED	2°09'36"	357°50'29"			121.2105			-0.582	
FINAL	2°09'34"	357°50'26"							

The join C1 – C8 as calculated in A4 day 4 above

$$\alpha \text{ STN to BS (i.e. } \alpha_{C1-C8} \text{) } = 60^{\circ}11'12''$$

$$\underline{+ \text{ HZ @ STN C1 } = 2^{\circ}09'34''}$$

α STN to FS (i.e. α_{C1-A5}) = $62^{\circ}20'46''$

$\Delta Y_{C1-A5} = HD_{C1-A4} \times \sin \alpha_{C1-A5}$ $= 121.2105 \times \sin 62^{\circ}20'46''$ $= \mathbf{107.364 \text{ m}}$	$\Delta X_{C1-A5} = HD_{C1-A4} \times \cos \alpha_{C1-A5}$ $= 121.2105 \times \cos 62^{\circ}20'46''$ $= \mathbf{56.257 \text{ m}}$
--	---

ΔY_{C1-A5}	107.364	ΔX_{C1-A5}	56.257	ΔZ	-0.582
Y_{C1}	+97208.460	X_{C1}	+2898355.735	Z_{A2}	1760.246
Y_{A5}	+97315.824	X_{A5}	+2898411.992	Z_{A5}	1759.664

UNIVERSITY OF THE WITWATERSRAND											
SCHOOL OF MINING ENGINEERING											
		STATION: A5	HI: 1.445	HR: 1.520m		TEMP: 18.5°C		Press: 825 mb		RH: 38%	SF: 0.99998
	HORIZONTAL ANGLES				HD				HT DIFF		
	CL	CR									
BS C1	242°20'48"	62°20'50"			121.212	121.212			1.746	1.750	
FS WS	271°09'54"	91°10'01"			29.769	29.769			18.169	18.168	
RED	28°49'06"	331°10'49"			29.769				18.168		
FINAL	28°49'08"	331°10'52"									

To calculate the coordinate of WS

The join A5-C1 = $180^{\circ} + \alpha_{C1-A5} = 180^{\circ} + 62^{\circ}20'46'' = 242^{\circ}20'46''$

$$\alpha \text{ STN to BS (i.e. } \alpha_{A5-C1}) = 242^\circ 20' 46''$$

$$+ \text{ HZ @ STN A5} = 28^\circ 49' 08''$$

$$\alpha \text{ STN to FS (i.e. } \alpha_{A5-WS}) = 271^\circ 09' 54''$$

$\Delta Y_{A5-WS} = HD_{A5-WS} \times \sin \alpha_{A5-WS}$ $= 29.769 \times \sin 271^\circ 09' 54''$ $= -29.763 \text{ m}$	$\Delta X_{A5-WS} = HD_{A5-WS} \times \cos \alpha_{A5-WS}$ $= 29.769 \times \cos 271^\circ 09' 54''$ $= 0.605 \text{ m}$
--	--

ΔY_{A5-WS}	-29.763	ΔX_{A5-WS}	0.605	$\Delta Z'$	18.168
Y_{A5}	+97315.824	X_{A5}	+2898411.992	Z_{A5}	1759.664
Y_{WS}	97286.061	X_{WS}	2898412.597	$Z_{WS'}$	1777.832

$$Z_{WS} = Z_{WS'} - \text{Height of Reflector on point WS (i.e 0.24)}$$

$$= 1777.832 - 0.24 = 1777.585$$

$$Z_{WS} = 1777.592$$

Point A1			
Attempt	Y _{A1}	X _{A1}	Z _{A1}
1	97299.313	2898406.435	1760.145
2	97299.313	2898406.435	1760.145
3	97299.312	2898406.438	1760.148
Ave	97299.313	2898406.436	1760.146

Point A2			
Attempt	Y _{A2}	X _{A2}	Z _{A2}
1	97316.332	2898407.949	1759.497
2	97316.331	2898407.951	1759.495
Ave	97316.332	2898407.950	1759.496

Point A4			
Attempt	Y _{A4}	X _{A4}	Z _{A4}
1	97322.063	2898402.426	1758.497
2	97322.070	2898402.397	1758.503
Ave	97322.067	2898402.412	1758.500

Point A5			
Attempt	Y _{A5}	X _{A5}	Z _{A5}
1	97315.808	2898412.015	1759.656
2	97315.824	2898411.992	1759.664
Ave	97315.816	2898412.004	1759.660

Point CMC1 (i.e. Chamber of Mines Corner 1)			
Attempt	Y _{CMC1}	X _{CMC1}	Z _{CMC1}
1	97287.773	2898404.975	1760.900
2	97287.773	2898404.975	1760.900
Ave	97287.773	2898404.975	1760.900

Point CMC2 (i.e. Chamber of Mines Corner 2)			
Attempt	Y _{CMC2}	X _{CMC2}	Z _{CMC2}
1	97285.009	2898425.534	1760.901
2	97285.011	2898425.534	1760.901
Ave	97285.010	2898425.534	1760.901

Point CMC3 (i.e. Chamber of Mines Corner 2)			
Attempt	Y _{CMC3}	X _{CMC3}	Z _{CMC3}
1	97286.662	2898425.768	1760.859
2	97286.662	2898425.768	1760.859
Ave	97286.662	2898425.768	1760.859

Point EXP 1 (i.e. Leica mini prism)			
Attempt	Y _{EXP1}	X _{EXP1}	Z _{EXP1}
1	97325.812	2898398.076	1766.650
2	97325.812	2898398.075	1766.650
Ave	97325.812	2898398.076	1766.650

Point EXP 2 (i.e. Leica circular prism)			
Attempt	Y _{EXP2}	X _{EXP2}	Z _{EXP2}
1	97325.812	2898398.077	1766.147
2	97325.812	2898398.078	1766.147
Ave	97325.812	2898398.078	1766.147

Point EXP 3 (i.e. Leica sticker)			
Attempt	Y _{EXP3}	X _{EXP3}	Z _{EXP3}
1	97325.818	2898398.076	1765.646
2	97325.818	2898398.076	1765.646
Ave	97325.818	2898398.076	1765.646

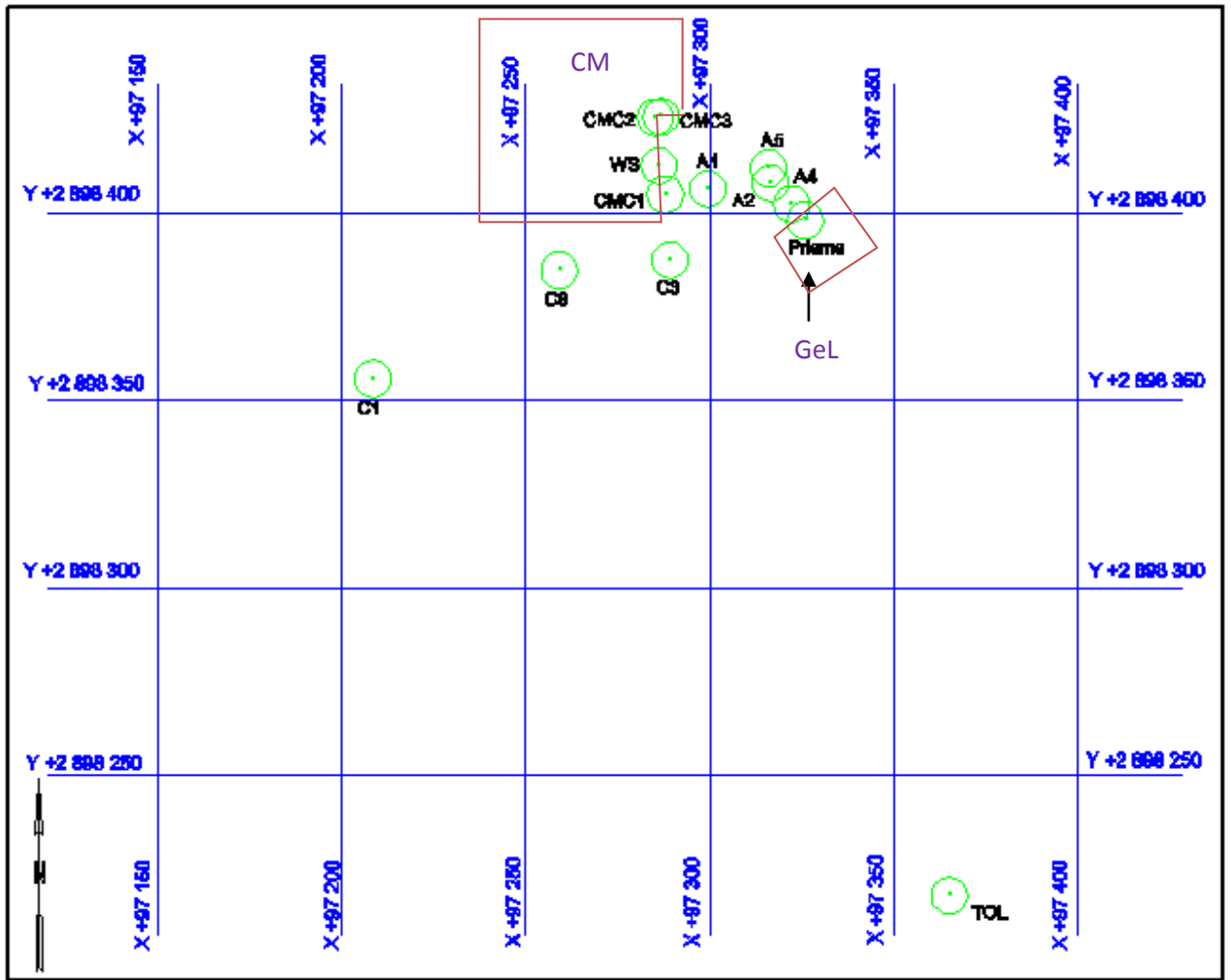
Accepted common coordinates for EXP 1, EXP 2 and EXP 3 (i.e. Mini Prism, Circular Prism and Sticker)

Short-distance	Y	X	Z
Mini Prism	97325.812	2898398.076	17766.650
Circular Prism	97325.812	2898398.076	17766.147
Sticker	97325.812	2898398.076	17765.646

WS (i.e. window monitoring station)			
Day 1/ Station	Y _{ws}	X _{ws}	Z _{ws}
A2	97286.082	2898412.569	1777.647
A2	97286.075	2898412.562	1777.647
Day 3/Station			
A2	97286.086	2898412.579	1777.667
A2	97286.091	2898412.583	1777.668
Day 4/Station			
A4	97286.065	2898412.595	1777.585
A5	97286.061	2898412.597	1777.592
Ave	97286.071	2898412.590	1777.623

Table : List of coordinates

Point	Y	X	Z	Remarks
C1	97208.460	2898355.735	1760.246	Original control stations
C3	97289.097	2898387.391	1759.902	
C8	97259.071	2898384.736	1760.082	
TOL	97364.920	2898217.700	1801.510	
A1	97299.313	2898406.436	1760.146	New control stations
A2	97316.332	2898407.950	1759.496	
A4	97322.067	2898402.412	1758.500	
A5	97315.816	2898412.004	1759.660	
CMC1	97287.773	2898404.975	1760.900	
CMC2	97285.010	2898425.534	1760.901	
CMC3	97286.662	2898425.768	1760.859	
WS	97286.071	2898412.590	1777.623	Research stations
Mini Prism	97325.812	2898398.076	1766.650	
Circular Prism	97325.812	2898398.076	1766.147	
Sticker	97325.812	2898398.076	1765.646	



Plan showing geometry of control points

APPENDIX C

Appendix C.1: Raw data set for glass thickness analysis

APPENDIX C

Appendix C.1: Raw Data for Impact of Glass Thickness Analysis

SHORT DISTANCE

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
29/08/09	2.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00 am	42.2857	-11.8809	42.2864	-12.3875	42.2918	-12.8792	13.7	830.3	72	12.3	828.6	78	24	835.6	23	11.4	831.5
90°	42.2868	-11.8812	42.2875	-12.3878	42.2925	-12.8792											
60°	42.2868	-11.8810	42.2877	-12.3881	42.2941	-12.8803											
45°	42.2869	-11.8816	42.2878	-12.3878	42.2934	-12.8796											
7.00	42.2860	-11.8802	42.2866	-12.3866	42.2915	-12.8801	13.7	830.3	71	11.9	828.4	84	24	835.6	23	11.4	832
90°	42.2869	-11.8807	42.2879	-12.3868	42.2923	-12.8798											
60°	42.2870	-11.8805	42.2879	-12.3871	42.2940	-12.8805											
45°	42.2871	-11.8802	42.2879	-12.3871	42.2933	-12.8804											
8.00	42.2860	-11.8802	42.2865	-12.3868	42.2919	-12.8806	14.8	831.8	67	12	829.3	84	24	836.4	24	11.7	832.2
90°	42.2870	-11.8812	42.2876	-12.3872	42.2924	-12.8808											
60°	42.2868	-11.8800	42.2876	-12.3871	42.2925	-12.8808											
45°	42.2867	-11.8802	42.2876	-12.3873	42.2928	-12.8812											
9.00	42.2857	-11.8801	42.2866	-12.3850	42.2917	-12.8811	16	832.5	62	13.6	829.4	77	24	836.4	24	13.6	832
90°	42.2865	-11.8800	42.2878	-12.3866	42.2921	-12.8810											
60°	42.2864	-11.8811	42.2877	-12.3862	42.2922	-12.8820											
45°	42.2871	-11.8802	42.2875	-12.3867	42.2922	-12.8812											
10.00	42.2857	-11.8800	42.2862	-12.3868	42.2919	-12.8809	17.3	833.3	57	14.9	830.2	73	24	835.6	24	14.2	831.7
90°	42.2868	-11.8796	42.2876	-12.3871	42.2928	-12.8800											
60°	42.2868	-11.8798	42.2874	-12.3873	42.2929	-12.8800											
45°	42.2869	-11.8795	42.2876	-12.3869	42.2930	-12.8798											
11.00	42.2858	-11.8800	42.2866	-12.3869	42.2918	-12.8814	18.4	833.9	52	15	830.3	70	24	835.6	25	14.3	831.2
90°	42.2866	-11.8802	42.2879	-12.3858	42.2921	-12.8800											
60°	42.2870	-11.8799	42.2876	-12.3861	42.2933	-12.8811											
45°	42.2870	-11.8800	42.2880	-12.3855	42.2926	-12.8809											
12.00	42.2858	-11.8793	42.2867	-12.3855	42.2919	-12.8825	18.6	833.2	50	16.4	830.3	65	24	834.7	25	15.3	830.6
90°	42.2868	-11.8792	42.2878	-12.3859	42.2928	-12.8829											
60°	42.2869	-11.8796	42.2875	-12.3865	42.2929	-12.8831											
45°	42.2868	-11.8790	42.2878	-12.3867	42.2927	-12.8821											
13.00	42.2858	-11.8799	42.2863	-12.3861	42.2921	-12.8805	18.8	833.4	49	17.2	830.0	58	24	834.7	25	16.9	830
90°	42.2865	-11.8800	42.2878	-12.3851	42.2928	-12.8808											
60°	42.2869	-11.8800	42.2879	-12.3851	42.2931	-12.8810											
45°	42.2869	-11.8793	42.2878	-12.3858	42.2927	-12.8808											
14.00	42.2858	-11.8795	42.2866	-12.3859	42.2919	-12.8792	19.6	833.8	47	19.3	831.2	54	24.5	834.2	25	18.4	829.5
90°	42.2868	-11.8795	42.2878	-12.3861	42.2925	-12.8791											
60°	42.2868	-11.8804	42.2880	-12.3859	42.2931	-12.8794											
45°	42.2870	-11.8797	42.2879	-12.3860	42.2927	-12.8794											

15.00	42.2857	-11.8804	42.2865	-12.3869	42.2928	-12.8803	20.3	833.4	46	20.5	831.1	50	24.5	833.4	25	19.8	828.8
90°	42.2870	-11.8797	42.2875	-12.3870	42.2938	-12.8799											
60°	42.2871	-11.8797	42.2874	-12.3876	42.2943	-12.8801											
45°	42.2869	-11.8795	42.2879	-12.3883	42.2933	-12.8791											
16.00	42.2858	-11.8803	42.2865	-12.3874	42.2924	-12.8799	19.6	832.2	43	19.1	829.5	45	24	833.1	24	18.9	828.6
90°	42.2868	-11.8805	42.2870	-12.3879	42.2931	-12.8782											
60°	42.2870	-11.8806	42.2874	-12.3880	42.2937	-12.8801											
45°	42.2869	-11.8808	42.2874	-12.3880	42.2930	-12.8801											
17.00	42.2856	-11.8801	42.2863	-12.3886	42.2922	-12.8807	19.3	832.8	44	19.4	830.5	45	25.5	833.9	24	19.3	828.5
90°	42.2868	-11.8801	42.2870	-12.3882	42.2941	-12.8827											
60°	42.2868	-11.8802	42.2875	-12.3884	42.2948	-12.8820											
45°	42.2870	-11.8807	42.2878	-12.3861	42.2946	-12.8817											
18.00	42.2858	-11.8807	42.2866	-12.3868	42.2920	-12.8810	18	831.3	48	18.6	830.8	50	24	833.9	24	17.9	829.4
90°	42.2865	-11.8821	42.2877	-12.3877	42.2938	-12.8817											
60°	42.2866	-11.8811	42.2876	-12.3872	42.2947	-12.8821											
45°	42.2868	-11.8816	42.2876	-12.3875	42.2945	-12.8822											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
30/08/09	2.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	42.2863	-11.8810	42.2867	-12.3873	42.2933	-12.8809	12.9	827.4	77	12.9	827.4	82	22	832.8	31	12.4	829.7
90°	42.2869	-11.8819	42.2876	-12.3860	42.2948	-12.8814											
60°	42.2871	-11.8819	42.2877	-12.3861	42.2951	-12.8812											
45°	42.2870	-11.8818	42.2876	-12.3871	42.2952	-12.8812											
7.00	42.2863	-11.8803	42.2866	-12.3870	42.2926	-12.8799	12.9	826.6	75	12.8	827.3	81	21.5	832.5	31	12.1	830.1
90°	42.2873	-11.8806	42.2879	-12.3873	42.2933	-12.8803											
60°	42.2876	-11.8806	42.2880	-12.3876	42.2945	-12.8811											
45°	42.2874	-11.8808	42.2878	-12.3860	42.2945	-12.8816											
8.00	42.2861	-11.8809	42.2863	-12.3867	42.2924	-12.8795	13.8	827.1	51	13	828.3	53	20.5	832.7	31	12.7	830.6
90°	42.2869	-11.8812	42.2876	-12.3861	42.2938	-12.8804											
60°	42.2870	-11.8809	42.2877	-12.3867	42.2940	-12.8806											
45°	42.2869	-11.8810	42.2875	-12.3870	42.2942	-12.8803											
9.00	42.2859	-11.8807	42.2863	-12.3872	42.2927	-12.8796	14.1	828.9	36	13.3	829.3	35	21.5	833.3	25	13	830.8
90°	42.2869	-11.8810	42.2874	-12.3879	42.2945	-12.8793											
60°	42.2868	-11.8811	42.2874	-12.3875	42.2947	-12.8797											
45°	42.2868	-11.8813	42.2879	-12.3877	42.2946	-12.8803											
10.00	42.2858	-11.8793	42.2866	-12.3863	42.2929	-12.8802	15.2	829.6	37	15.3	830.5	36	21.5	833.3	24	15.2	831
90°	42.2867	-11.8796	42.2873	-12.3868	42.2941	-12.8804											
60°	42.2870	-11.8802	42.2872	-12.3875	42.2939	-12.8804											
45°	42.2871	-11.8796	42.2874	-12.3869	42.2943	-12.8805											
11.00	42.2857	-11.8789	42.2867	-12.3855	42.2930	-12.8813	16	830.9	37	16.5	831.2	36	21.5	833.3	23	16.6	830.7
90°	42.2871	-11.8794	42.2877	-12.3857	42.2945	-12.8816											
60°	42.2867	-11.8793	42.2878	-12.3863	42.2951	-12.8818											
45°	42.2869	-11.8797	42.2881	-12.3859	42.2955	-12.8819											

12.00	42.2858	-11.8790	42.2864	-12.3870	42.2930	-12.8803	16.9	830.6	36	18	831.3	34	22	833.6	23	17.9	830.5
90°	42.2869	-11.8792	42.2873	-12.3866	42.2944	-12.8806											
60°	42.2869	-11.8790	42.2874	-12.3867	42.2948	-12.8804											
45°	42.2870	-11.8790	42.2879	-12.3867	42.2945	-12.8805											
13.00	42.2852	-11.8804	42.2864	-12.3864	42.2921	-12.8801	18.1	831.3	34	20.3	831.8	30	22	832.8	23	19.9	829.7
90°	42.2866	-11.8800	42.2875	-12.3862	42.2935	-12.8804											
60°	42.2865	-11.8802	42.2874	-12.3863	42.2940	-12.8802											
45°	42.2866	-11.8798	42.2878	-12.3863	42.2935	-12.8802											
14.00	42.2852	-11.8795	42.2860	-12.3877	42.2921	-12.8800	18.6	831.6	32	20.6	832.0	25	23	833.3	23	20.3	829.3
90°	42.2867	-11.8793	42.2875	-12.3875	42.2935	-12.8802											
60°	42.2867	-11.8796	42.2875	-12.3870	42.2942	-12.8799											
45°	42.2867	-11.8792	42.2879	-12.3867	42.2944	-12.8791											
15.00	42.2855	-11.8810	42.2864	-12.3879	42.2926	-12.8799	19.2	832.0	27	22.3	832.1	22	23.5	833.6	22	21.5	828.9
90°	42.2868	-11.8804	42.2876	-12.3875	42.2942	-12.8809											
60°	42.2866	-11.8812	42.2874	-12.3860	42.2940	-12.8789											
45°	42.2869	-11.8799	42.2869	-12.3876	42.2941	-12.8820											
16.00	42.2857	-11.8802	42.2865	-12.3870	42.2922	-12.8811	19.4	832.9	24	22.7	832.4	20	24	833.9	21	22.6	828.7
90°	42.2869	-11.8809	42.2876	-12.3878	42.2935	-12.8815											
60°	42.2870	-11.8808	42.2874	-12.3864	42.2945	-12.8780											
45°	42.2871	-11.8801	42.2880	-12.3871	42.2939	-12.8772											
17.00	42.2857	-11.8818	42.2861	-12.3862	42.2925	-12.8829	18.8	833.4	24	21.9	831.9	15	25	834.5	21	21.9	829.2
90°	42.2865	-11.8811	42.2870	-12.3861	42.2941	-12.8829											
60°	42.2873	-11.8791	42.2878	-12.3871	42.2944	-12.8814											
45°	42.2871	-11.8788	42.2877	-12.3863	42.2936	-12.8811											
18.00	42.2855	-11.8820	42.2865	-12.3871	42.2927	-12.8813	17.4	832.5	21	19.6	830.6	13	24.5	834.2	21	19.4	829.5
90°	42.2868	-11.8818	42.2875	-12.3865	42.2948	-12.8822											
60°	42.2872	-11.8810	42.2875	-12.3864	42.2948	-12.8809											
45°	42.2874	-11.8817	42.2875	-12.3870	42.2949	-12.8814											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
31/08/09	2.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	42.2860	-11.8807	42.2864	-12.3878	42.2927	-12.8791	11.8	828.3	77	11.9	828.4	90	23	835.0	23	10	831.5
90°	42.2869	-11.8809	42.2874	-12.3872	42.2944	-12.8797											
60°	42.2871	-11.8805	42.2873	-12.3875	42.2950	-12.8799											
45°	42.2869	-11.8808	42.2876	-12.3873	42.2948	-12.8797											
7.00	42.2863	-11.8806	42.2866	-12.3869	42.2935	-12.8809	12.3	829.5	75	12.2	829.4	84	22.5	834.7	23	10.8	832.1
90°	42.2873	-11.8807	42.2876	-12.3870	42.2948	-12.8809											
60°	42.2874	-11.8806	42.2877	-12.3863	42.2959	-12.8814											
45°	42.2870	-11.8802	42.2877	-12.3865	42.2957	-12.8813											
8.00	42.2861	-11.8805	42.2864	-12.3871	42.2932	-12.8800	13.3	830.9	72	13.4	830.1	84	22.5	835.5	24	11.1	832.6
90°	42.2873	-11.8809	42.2876	-12.3876	42.2942	-12.8802											
60°	42.2873	-11.8804	42.2875	-12.3870	42.2950	-12.8801											

45°	42.2873	-11.8802	42.2872	-12.3866	42.2942	-12.8796											
9.00	42.2857	-11.8809	42.2867	-12.3873	42.2935	-12.8819	14.5	831.6	68	14.6	831.7	82	22.5	835.5	25	11.6	832.9
90°	42.2870	-11.8803	42.2876	-12.3869	42.2947	-12.8825											
60°	42.2869	-11.8803	42.2877	-12.3868	42.2956	-12.8833											
45°	42.2869	-11.8804	42.2874	-12.3870	42.2956	-12.8830											
10.00	42.2860	-11.8802	42.2866	-12.3866	42.2934	-12.8812	16.4	832.7	60	17.1	832.4	77	22.5	835.5	26	13.2	833
90°	42.2869	-11.8808	42.2877	-12.3866	42.2952	-12.8816											
60°	42.2870	-11.8808	42.2877	-12.3870	42.2955	-12.8810											
45°	42.2868	-11.8804	42.2875	-12.3860	42.2954	-12.8810											
11.00	42.2856	-11.8805	42.2865	-12.3866	42.2929	-12.8807	16.4	832.7	58	17.9	832.8	68	22.5	835.5	26	14.7	832.6
90°	42.2870	-11.8806	42.2876	-12.3868	42.2950	-12.8816											
60°	42.2869	-11.8807	42.2875	-12.3869	42.2952	-12.8817											
45°	42.2871	-11.8804	42.2871	-12.3869	42.2954	-12.8820											
12.00	42.2860	-11.8802	42.2865	-12.3858	42.2936	-12.8803	17.5	833.4	55	18.3	833.1	58	22.5	835.5	27	18.3	832.2
90°	42.2871	-11.8806	42.2875	-12.3876	42.2953	-12.8810											
60°	42.2870	-11.8803	42.2878	-12.3874	42.2956	-12.8804											
45°	42.2871	-11.8803	42.2876	-12.3875	42.2953	-12.8803											
13.00	42.2856	-11.8810	42.2864	-12.3873	42.2933	-12.8813	19.7	833.9	46	20.8	833.7	45	22.5	834.7	28	20.2	831.4
90°	42.2868	-11.8805	42.2877	-12.3876	42.2942	-12.8821											
60°	42.2869	-11.8809	42.2877	-12.3877	42.2945	-12.8820											
45°	42.2869	-11.8808	42.2876	-12.3870	42.2943	-12.8818											
14.00	42.2857	-11.8803	42.2865	-12.3860	42.2930	-12.8798	20.2	834.2	43	22.2	833.7	41	23	835.0	27	21.3	830.7
90°	42.2871	-11.8802	42.2875	-12.3867	42.2944	-12.8795											
60°	42.2869	-11.8807	42.2877	-12.3871	42.2945	-12.8818											
45°	42.2872	-11.8807	42.2879	-12.3867	42.2947	-12.8797											
15.00	42.2860	-11.8801	42.2864	-12.3875	42.2933	-12.8793	23.1	836.7	40	23.6	834.5	36	23.5	834.4	27	23.1	830.2
90°	42.2872	-11.8809	42.2876	-12.3860	42.2947	-12.8790											
60°	42.2869	-11.8803	42.2876	-12.3864	42.2949	-12.8776											
45°	42.2875	-11.8809	42.2876	-12.3966	42.2945	-12.8784											
16.00	42.2861	-11.8801	42.2866	-12.3870	42.2933	-12.8805	21	835.5	39	22.6	833.1	34	24	834.7	25	22.7	830
90°	42.2867	-11.8802	42.2877	-12.3873	42.2948	-12.8793											
60°	42.2870	-11.8807	42.2877	-12.3871	42.2948	-12.8751											
45°	42.2872	-11.8803	42.2878	-12.3865	42.2947	-12.8740											
17.00	42.2856	-11.8808	42.2865	-12.3865	42.2927	-12.8802	20.2	835.0	37	22.7	833.2	33	24.5	835.0	24	22.2	830.3
90°	42.2869	-11.8801	42.2875	-12.3863	42.2938	-12.8792											
60°	42.2870	-11.8804	42.2874	-12.3866	42.2941	-12.8811											
45°	42.2869	-11.8808	42.2874	-12.3866	42.2943	-12.8804											
18.00	42.2860	-11.8805	42.2866	-12.3868	42.2931	-12.8799	19.1	834.3	42	21	832.2	38	24.5	835.0	24	20.8	830.7
90°	42.2872	-11.8809	42.2877	-12.3869	42.2946	-12.8806											
60°	42.2869	-11.8810	42.2877	-12.3875	42.2948	-12.8807											
45°	42.2870	-11.8805	42.2878	-12.3868	42.2947	-12.8809											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
01/09/09	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	42.2856	-11.8811	42.2866	-12.3874	42.2927	-12.8814	13	829.9	28	15.4	829.7	23	25	835.3	20	15.3	830.6
90°	42.2871	-11.8814	42.2882	-12.3878	42.2959	-12.8824											
60°	42.2873	-11.8814	42.2882	-12.3880	42.2959	-12.8821											
45°	42.2874	-11.8814	42.2883	-12.3881	42.2959	-12.8823											
7.00	42.2857	-11.8802	42.2869	-12.3862	42.2927	-12.8818	13.3	830.1	28	15.7	829.9	24	25	836.1	20	15.4	831.2
90°	42.2871	-11.8807	42.2885	-12.3865	42.2961	-12.8830											
60°	42.2875	-11.8803	42.2885	-12.3866	42.2968	-12.8823											
45°	42.2875	-11.8800	42.2885	-12.3867	42.2962	-12.8815											
8.00	42.2857	-11.8797	42.2866	-12.3859	42.2928	-12.8808	14.5	830.8	29	15.7	830.7	25	23.5	835.3	21	15.5	831.5
90°	42.2874	-11.8800	42.2880	-12.3863	42.2964	-12.8815											
60°	42.2871	-11.8802	42.2885	-12.3861	42.2962	-12.8816											
45°	42.2876	-11.8800	42.2885	-12.3864	42.2963	-12.8813											
9.00	42.2853	-11.8794	42.2866	-12.3854	42.2919	-12.8796	16.4	831.9	29	17.7	831.9	25	23.5	835.3	21	17.3	831.4
90°	42.2868	-11.8796	42.2877	-12.3859	42.2963	-12.8806											
60°	42.2867	-11.8796	42.2882	-12.3859	42.2960	-12.8808											
45°	42.2872	-11.8796	42.2881	-12.3856	42.2956	-12.8804											
10.00	42.2854	-11.8784	42.2864	-12.3848	42.2917	-12.8805	18.6	833.2	28	20.5	833.5	26	23.5	835.3	21	19.7	831.5
90°	42.2865	-11.8797	42.2875	-12.3854	42.2951	-12.8821											
60°	42.2867	-11.8793	42.2875	-12.3858	42.2956	-12.8820											
45°	42.2870	-11.8790	42.2880	-12.3857	42.2953	-12.8818											
11.00	42.2850	-11.8785	42.2867	-12.3835	42.2911	-12.8810	20.3	834.2	26	22.4	834.6	22	24	835.6	20	22	830.9
90°	42.2864	-11.8799	42.2882	-12.3839	42.2954	-12.8824											
60°	42.2866	-11.8793	42.2881	-12.3841	42.2951	-12.8821											
45°	42.2863	-11.8794	42.2882	-12.3843	42.2947	-12.8822											
12.00	42.2848	-11.8791	42.2871	-12.3835	42.2915	-12.8813	21.4	834.9	24	23.9	834.7	21	24	834.7	20	23.6	830.1
90°	42.2862	-11.8795	42.2880	-12.3839	42.2950	-12.8825											
60°	42.2864	-11.8793	42.2882	-12.3842	42.2953	-12.8828											
45°	42.2864	-11.8792	42.2882	-12.3844	42.2947	-12.8824											
13.00	42.2846	-11.8802	42.2866	-12.3838	42.2927	-12.8810	22	834.4	23	24.5	833.4	21	24.5	834.2	20	25.3	829.3
90°	42.2858	-11.8804	42.2880	-12.3845	42.2968	-12.8822											
60°	42.2858	-11.8805	42.2880	-12.3845	42.2961	-12.8816											
45°	42.2861	-11.8804	42.2881	-12.3845	42.2959	-12.8812											
14.00	42.2846	-11.8797	42.2869	-12.3839	42.2912	-12.8808	22.7	834.8	22	25.3	833.0	20	25	833.7	20	25.3	828.3
90°	42.2864	-11.8791	42.2880	-12.3843	42.2957	-12.8819											
60°	42.2869	-11.8788	42.2884	-12.3847	42.2956	-12.8812											
45°	42.2861	-11.8805	42.2883	-12.3851	42.2955	-12.8807											
15.00	42.2848	-11.8790	42.2857	-12.3863	42.2911	-12.8821	23	835.0	22	27.3	833.3	16	26	834.2	20	26.5	827.8
90°	42.2858	-11.8804	42.2874	-12.3868	42.2946	-12.8836											
60°	42.2864	-11.8792	42.2875	-12.3857	42.2947	-12.8849											
45°	42.2863	-11.8797	42.2877	-12.3855	42.2947	-12.8832											
16.00	42.2843	-11.8808	42.2864	-12.3843	42.2916	-12.8820	23	835.0	22	26	832.6	16	26.5	834.5	19	25.7	827.6

90°	42.2859	-11.8805	42.2883	-12.3883	42.2946	-12.8850											
60°	42.2859	-11.8807	42.2883	-12.3844	42.2955	-12.8833											
45°	42.2860	-11.8808	42.2880	-12.3842	42.2959	-12.8830											
17.00	42.2845	-11.8803	42.2866	-12.3836	42.2921	-12.8822	22.2	834.5	22	25.6	832.4	17	27	834.8	19	24.7	827.9
90°	42.2860	-11.8798	42.2881	-12.3842	42.2963	-12.8838											
60°	42.2866	-11.8782	42.2884	-12.3836	42.2957	-12.8824											
45°	42.2871	-11.8781	42.2884	-12.3839	42.2953	-12.8822											
18.00	42.2848	-11.8804	42.2860	-12.3868	42.2919	-12.8824	20.4	833.5	23.0	23.1	831.8	18	27	834.8	19	22.5	828.1
90°	42.2862	-11.8814	42.2874	-12.3871	42.2965	-12.8842											
60°	42.2864	-11.8810	42.2877	-12.3868	42.2963	-12.8839											
45°	42.2864	-11.8808	42.2879	-12.3869	42.2960	-12.8839											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
02/09/09	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	Mb
Ng 6.00	42.2856	-11.8802	42.2867	-12.3863	42.2926	-12.8782	13.5	826.9	27	17.1	828.3	22	24.5	832.6	20	16.9	827.8
90°	42.2871	-11.8807	42.2883	-12.3867	42.2967	-12.8794											
60°	42.2873	-11.8805	42.2885	-12.3865	42.2968	-12.8791											
45°	42.2873	-11.8804	42.2884	-12.3864	42.2969	-12.8791											
7.00	42.2858	-11.8804	42.2866	-12.3863	42.2921	-12.8804	13.5	827.8	27	17.1	828.3	22	24.5	833.4	20	16.8	828.3
90°	42.2872	-11.8811	42.2880	-12.3870	42.2962	-12.8819											
60°	42.2870	-11.8809	42.2883	-12.3867	42.2968	-12.8818											
45°	42.2871	-11.8811	42.2879	-12.3866	42.2967	-12.8817											
8.00	42.2853	-11.8789	42.2866	-12.3856	42.2924	-12.8801	14.9	829.4	26	18.6	830.0	22	24.5	833.4	20	18	828.7
90°	42.2871	-11.8794	42.2879	-12.3855	42.2957	-12.8812											
60°	42.2871	-11.8790	42.2880	-12.3856	42.2961	-12.8813											
45°	42.2870	-11.8789	42.2879	-12.3856	42.2965	-12.8811											
9.00	42.2855	-11.8772	42.2865	-12.3858	42.2919	-12.8790	17	830.7	25	19.3	831.2	21	24.5	834.2	20	19.3	829.3
90°	42.2871	-11.8778	42.2875	-12.3866	42.2960	-12.8801											
60°	42.2868	-11.8774	42.2879	-12.3856	42.2957	-12.8800											
45°	42.2873	-11.8778	42.2881	-12.3857	42.2960	-12.8800											
10.00	42.2847	-11.8814	42.2864	-12.3849	42.2919	-12.8788	18.8	832.5	24	21	832.2	20	25	834.5	20	21	829.3
90°	42.2863	-11.8815	42.2881	-12.3852	42.2959	-12.8808											
60°	42.2862	-11.8811	42.2881	-12.3848	42.2964	-12.8801											
45°	42.2860	-11.8813	42.2881	-12.3852	42.2960	-12.8796											
11.00	42.2846	-11.8805	42.2863	-12.3840	42.2916	-12.8798	20.1	833.3	23	22.6	832.3	20	25	834.5	20	22.4	829
90°	42.2857	-11.8809	42.2874	-12.3857	42.2954	-12.8810											
60°	42.2860	-11.8807	42.2879	-12.3853	42.2951	-12.8808											
45°	42.2861	-11.8810	42.2880	-12.3850	42.2954	-12.8808											
12.00	42.2845	-11.8801	42.2860	-12.3846	42.2913	-12.8808	21.3	834.0	22	24.1	833.2	18	25	834.5	20	23.8	828.4
90°	42.2857	-11.8807	42.2874	-12.3859	42.2956	-12.8815											
60°	42.2860	-11.8804	42.2876	-12.3858	42.2955	-12.8814											
45°	42.2864	-11.8801	42.2875	-12.3860	42.2955	-12.8814											

13.00	42.2845	-11.8791	42.2857	-12.3862	42.2907	-12.8802	21.1	833.1	22	25.2	833.0	17	25.5	833.9	20	25.3	827.8
90°	42.2863	-11.8790	42.2871	-12.3865	42.2952	-12.8812											
60°	42.2865	-11.8788	42.2873	-12.3861	42.2945	-12.8808											
45°	42.2864	-11.8786	42.2875	-12.3862	42.2941	-12.8802											
14.00	42.2843	-11.8793	42.2863	-12.3850	42.2911	-12.8803	22.7	834.0	21	25.8	832.5	13	25.5	833.1	20	25.8	827.5
90°	42.2860	-11.8796	42.2875	-12.3856	42.2953	-12.8806											
60°	42.2862	-11.8797	42.2880	-12.3847	42.2948	-12.8803											
45°	42.2862	-11.8794	42.2881	-12.3844	42.2945	-12.8801											
15.00	42.2846	-11.8793	42.2863	-12.3851	42.2924	-12.8805	23.1	834.2	21	27	832.3	12	26.5	833.7	19	26.4	826.9
90°	42.2863	-11.8801	42.2880	-12.3848	42.2964	-12.8787											
60°	42.2861	-11.8796	42.2880	-12.3845	42.2965	-12.8785											
45°	42.2858	-11.8818	42.2883	-12.3854	42.2962	-12.8795											
16.00	42.2843	-11.8803	42.2856	-12.3861	42.2915	-12.8818	23.3	834.3	18	27.1	832.4	11	26.5	833.7	19	26.7	826.7
90°	42.2856	-11.8819	42.2870	-12.3872	42.2957	-12.8836											
60°	42.2865	-11.8784	42.2881	-12.3839	42.2953	-12.8801											
45°	42.2870	-11.8779	42.2878	-12.3848	42.2955	-12.8794											
17.00	42.2848	-11.8797	42.2855	-12.3863	42.2912	-12.8819	22.4	834.6	21	27	832.3	12	26.8	833.9	17	26.7	827
90°	42.2859	-11.8802	42.2867	-12.3866	42.2955	-12.8832											
60°	42.2863	-11.8787	42.2875	-12.3860	42.2953	-12.8820											
45°	42.2864	-11.8787	42.2876	-12.3859	42.2953	-12.8817											
18.00	42.2847	-11.8806	42.2856	-12.3877	42.2910	-12.8826	20.8	832.9	22	25	832.0	13	26.5	833.7	19	24.8	827.4
90°	42.2863	-11.8810	42.2870	-12.3882	42.2951	-12.8845											
60°	42.2862	-11.8807	42.2871	-12.3882	42.2954	-12.8843											
45°	42.2860	-11.8807	42.2871	-12.3883	42.2953	-12.8847											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
03/09/09	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	Mb
Ng 6.00	42.2853	-11.8811	42.2868	-12.3866	42.2922	-12.8809	14.7	830.1	26	18.9	831.0	22	24.5	834.2	20	18.8	829.7
90°	42.2866	-11.8815	42.2881	-12.3870	42.2960	-12.8821											
60°	42.2866	-11.8818	42.2883	-12.3863	42.2958	-12.8818											
45°	42.2869	-11.8816	42.2882	-12.3872	42.2957	-12.8819											
7.00	42.2853	-11.8808	42.2864	-12.3860	42.2931	-12.8813	15.7	830.7	25	18.6	830.8	21	24.5	835.0	20	18.1	830.1
90°	42.2869	-11.8813	42.2882	-12.3868	42.2955	-12.8822											
60°	42.2867	-11.8810	42.2884	-12.3862	42.2952	-12.8817											
45°	42.2867	-11.8811	42.2883	-12.3865	42.2954	-12.8819											
8.00	42.2850	-11.8812	42.2867	-12.3850	42.2914	-12.8813	16.3	831.9	25	18.6	831.6	22	24.5	835.8	20	18.2	831
90°	42.2867	-11.8816	42.2882	-12.3852	42.2951	-12.8825											
60°	42.2865	-11.8814	42.2884	-12.3850	42.2947	-12.8821											
45°	42.2869	-11.8815	42.2886	-12.3849	42.2943	-12.8822											
9.00	42.2852	-11.8803	42.2863	-12.3854	42.2923	-12.8815	18.1	833.8	25	19.2	832.8	22	24.5	835.8	20	19.2	831.3
90°	42.2866	-11.8801	42.2880	-12.3862	42.2956	-12.8824											
60°	42.2867	-11.8806	42.2879	-12.3862	42.2956	-12.8825											

45°	42.2870	-11.8806	42.2882	-12.3860	42.2962	-12.8828											
10.00	42.2850	-11.8800	42.2857	-12.3869	42.2925	-12.8810	19.3	834.5	25	20.3	833.4	23	25	836.1	20	19.9	831.5
90°	42.2865	-11.8801	42.2873	-12.3873	42.2965	-12.8819											
60°	42.2866	-11.8799	42.2874	-12.3872	42.2960	-12.8814											
45°	42.2869	-11.8798	42.2874	-12.3873	42.2958	-12.8811											
11.00	42.2851	-11.8790	42.2861	-12.3861	42.2920	-12.8825	20.6	835.2	25	22.3	833.8	22	25	836.1	20	21.6	831
90°	42.2864	-11.8798	42.2878	-12.3853	42.2958	-12.8830											
60°	42.2864	-11.8798	42.2881	-12.3851	42.2958	-12.8828											
45°	42.2866	-11.8789	42.2882	-12.3851	42.2956	-12.8828											
12.00	42.2850	-11.8789	42.2859	-12.3855	42.2917	-12.8804	21.5	835.7	23	23.5	834.4	21	25	836.1	20	23	830.6
90°	42.2860	-11.8799	42.2875	-12.3861	42.2949	-12.8815											
60°	42.2867	-11.8797	42.2874	-12.3859	42.2950	-12.8814											
45°	42.2862	-11.8796	42.2878	-12.3859	42.2953	-12.8819											
13.00	42.2849	-11.8787	42.2858	-12.3859	42.2918	-12.8797	22.4	835.5	23	25.2	834.6	20	25	835.3	20	24.7	829.9
90°	42.2868	-11.8783	42.2875	-12.3859	42.2954	-12.8815											
60°	42.2870	-11.8776	42.2875	-12.3858	42.2958	-12.8817											
45°	42.2869	-11.8770	42.2872	-12.3858	42.2960	-12.8819											
14.00	42.2847	-11.8792	42.2858	-12.3864	42.2920	-12.8814	23.4	836.0	22	25.9	835.0	20	25.5	834.8	20	25.8	829.3
90°	42.2863	-11.8798	42.2872	-12.3869	42.2957	-12.8820											
60°	42.2868	-11.8799	42.2875	-12.3864	42.2953	-12.8814											
45°	42.2867	-11.8792	42.2876	-12.3866	42.2955	-12.8809											
15.00	42.2850	-11.8790	42.2862	-12.3853	42.2919	-12.8800	23.8	837.1	22	25.5	833.9	17	26	835.0	20	25.5	829.1
90°	42.2869	-11.8789	42.2874	-12.3870	42.2956	-12.8797											
60°	42.2867	-11.8793	42.2879	-12.3854	42.2956	-12.8781											
45°	42.2863	-11.8797	42.2873	-12.3868	42.2950	-12.8784											
16.00	42.2848	-11.8798	42.2856	-12.3867	42.2915	-12.8818	23.8	837.1	21	26.2	833.5	15	26.5	835.3	19	26	829.1
90°	42.2868	-11.8784	42.2877	-12.3867	42.2958	-12.8831											
60°	42.2863	-11.8795	42.2881	-12.3854	42.2959	-12.8810											
45°	42.2871	-11.8794	42.2878	-12.3854	42.2958	-12.8807											
17.00	42.2848	-11.8798	42.2862	-12.3854	42.2912	-12.8818	22.9	836.6	22	26	834.2	15	27	835.6	19	25.5	829.5
90°	42.2866	-11.8789	42.2877	-12.3853	42.2954	-12.8828											
60°	42.2867	-11.8782	42.2881	-12.3849	42.2953	-12.8828											
45°	42.2866	-11.8785	42.2881	-12.3850	42.2958	-12.8828											
18.00	42.2851	-11.8795	42.2861	-12.3861	42.2912	-12.8819	20.7	834.5	23	24.2	834.0	18	26.5	836.1	19	23.8	829.9
90°	42.2866	-11.8803	42.2876	-12.3870	42.2954	-12.8834											
60°	42.2864	-11.8802	42.2875	-12.3868	42.2956	-12.8833											
45°	42.2864	-11.8803	42.2878	-12.3872	42.2960	-12.8833											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
04/09/09	4.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	42.2855	-11.8816	42.2871	-12.3871	42.2941	-12.8812	15.4	833.8	25.0	18	834.5	22	25	838.6	20	17.5	833.9
90°	42.2877	-11.8821	42.2891	-12.3873	42.2952	-12.8818											
60°	42.2882	-11.8818	42.2895	-12.3871	42.2965	-12.8818											
45°	42.2880	-11.8819	42.2893	-12.3873	42.2999	-12.8831											
7.00	42.2855	-11.8817	42.2872	-12.3861	42.2938	-12.8823	15.2	833.7	25.0	17.5	834.2	22	24.5	838.3	20	16.8	834.4
90°	42.2874	-11.8826	42.2890	-12.3866	42.2952	-12.8828											
60°	42.2875	-11.8819	42.2896	-12.3865	42.2967	-12.8830											
45°	42.2879	-11.8823	42.2896	-12.3865	42.2978	-12.8838											
8.00	42.2851	-11.8828	42.2865	-12.3886	42.2937	-12.8823	16.3	835.9	26.0	18.6	834.9	23	25	839.4	20	17.9	835
90°	42.2868	-11.8833	42.2883	-12.3891	42.2966	-12.8828											
60°	42.2870	-11.8831	42.2885	-12.3890	42.2965	-12.8830											
45°	42.2872	-11.8833	42.2886	-12.3892	42.2982	-12.8838											
9.00	42.2851	-11.8820	42.2867	-12.3862	42.2935	-12.8817	17.9	836.9	26.0	19.1	836.0	23	25	839.4	20	18.9	835.5
90°	42.2870	-11.8824	42.2890	-12.3863	42.2954	-12.8823											
60°	42.2871	-11.8823	42.2889	-12.3640	42.2965	-12.8825											
45°	42.2873	-11.8824	42.2889	-12.3867	42.2983	-12.8837											
10.00	42.2855	-11.8807	42.2871	-12.3852	42.2932	-12.8813	19.1	837.6	26.0	20.7	836.9	23	25	839.4	20	20.2	835.6
90°	42.2873	-11.8805	42.2889	-12.3859	42.2947	-12.8817											
60°	42.2876	-11.8807	42.2894	-12.3855	42.2960	-12.8820											
45°	42.2876	-11.8808	42.2891	-12.3861	42.2968	-12.8826											
11.00	42.2847	-11.8810	42.2870	-12.3845	42.2933	-12.8836	20.1	839.0	25	22	837.7	22	25.5	839.7	20	21.1	835.6
90°	42.2867	-11.8812	42.2889	-12.3848	42.2949	-12.8846											
60°	42.2872	-11.8800	42.2891	-12.3842	42.2961	-12.8854											
45°	42.2876	-11.8799	42.2893	-12.3845	42.2973	-12.8854											
12.00	42.2847	-11.8811	42.2867	-12.3843	42.2928	-12.8823	20.9	839.5	24	24	838.0	21	25.5	839.7	20	23.5	835.1
90°	42.2868	-11.8815	42.2888	-12.3850	42.2945	-12.8824											
60°	42.2869	-11.8812	42.2887	-12.3850	42.2954	-12.8829											
45°	42.2870	-11.8811	42.2889	-12.3852	42.2965	-12.8840											
13.00	42.2847	-11.8800	42.2862	-12.3860	42.2922	-12.8807	21.9	839.2	23	25.3	838.7	20	25.5	838.9	20	24.9	834.3
90°	42.2871	-11.8798	42.2882	-12.3867	42.2940	-12.8811											
60°	42.2876	-11.8795	42.2881	-12.3869	42.2944	-12.8813											
45°	42.2876	-11.8794	42.2881	-12.3871	42.2959	-12.8814											
14.00	42.2847	-11.8798	42.2865	-12.3847	42.2930	-12.8815	22.5	839.6	22	27.5	839.2	14	26	839.1	20	26.8	833.8
90°	42.2873	-11.8793	42.2886	-12.3856	42.2955	-12.8823											
60°	42.2875	-11.8793	42.2884	-12.3861	42.2952	-12.8822											
45°	42.2871	-11.8799	42.2881	-12.3872	42.2970	-12.8821											
15.00	42.2850	-11.8803	42.2872	-12.3834	42.2927	-12.8806	22.7	839.7	21.0	28	838.6	14	26.5	838.6	19	27.4	833.3
90°	42.2872	-11.8795	42.2880	-12.3865	42.2951	-12.8843											
60°	42.2866	-11.8817	42.2886	-12.3860	42.2953	-12.8866											
45°	42.2866	-11.8829	42.2885	-12.3869	42.2971	-12.8838											
16.00	42.2843	-11.8804	42.2862	-12.3851	42.2914	-12.8812	22.7	839.7	21.0	27	838.1	11	26.5	838.6	19	26.4	833.3

90°	42.2866	-11.8809	42.2880	-12.3859	42.2935	-12.8817											
60°	42.2867	-11.8816	42.2881	-12.3856	42.2946	-12.8785											
45°	42.2866	-11.8813	42.2884	-12.3857	42.2960	-12.8798											
17.00	42.2842	-11.8811	42.2863	-12.3852	42.2925	-12.8835	22	840.1	21.0	27.6	838.4	11	27	838.9	19	26.7	833.3
90°	42.2862	-11.8816	42.2883	-12.3853	42.2948	-12.8851											
60°	42.2863	-11.8825	42.2885	-12.3852	42.2956	-12.8846											
45°	42.2870	-11.8802	42.2884	-12.3856	42.2967	-12.8844											
18.00	42.2843	-11.8825	42.2866	-12.3857	42.2936	-12.8823	20.3	839.1	22	24	837.2	13	27.5	840.0	19	23.3	834
90°	42.2862	-11.8831	42.2886	-12.3864	42.2953	-12.8834											
60°	42.2863	-11.8834	42.2887	-12.3863	42.2962	-12.8830											
45°	42.2861	-11.8835	42.2887	-12.3860	42.2972	-12.8837											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
05/09/09	4.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	42.2857	-11.8810	42.2863	-12.3871	42.2945	-12.8815	13.5	834.2	38.0	15.3	833.7	36	25.5	839.7	21	14.9	835.9
90°	42.2880	-11.8819	42.2889	-12.3873	42.2968	-12.8824											
60°	42.2878	-11.8816	42.2888	-12.3866	42.2977	-12.8823											
45°	42.2878	-11.8817	42.2884	-12.3864	42.2986	-12.8829											
7.00	42.2858	-11.8807	42.2865	-12.3867	42.2933	-12.8821	13.5	835.1	40.0	15.3	834.5	37	25	840.2	21	14.7	836.4
90°	42.2877	-11.8815	42.2889	-12.3872	42.2951	-12.8828											
60°	42.2878	-11.8815	42.2892	-12.3869	42.2961	-12.8831											
45°	42.2880	-11.8815	42.2894	-12.3872	42.2975	-12.8836											
8.00	42.2856	-11.8805	42.2865	-12.3866	42.2928	-12.8817	14.6	835.7	39.0	15.6	834.7	38	25	840.2	21	15.6	837.1
90°	42.2876	-11.8811	42.2887	-12.3865	42.2943	-12.8821											
60°	42.2879	-11.8810	42.2886	-12.3869	42.2953	-12.8821											
45°	42.2877	-11.8812	42.2887	-12.3874	42.2961	-12.8825											
9.00	42.2854	-11.8801	42.2862	-12.3870	42.2920	-12.8800	16.1	837.4	37.0	17.2	836.5	36	25.5	841.3	21	16.9	837.4
90°	42.2876	-11.8810	42.2880	-12.3883	42.2941	-12.8811											
60°	42.2879	-11.8808	42.2882	-12.3870	42.2951	-12.8810											
45°	42.2879	-11.8805	42.2884	-12.3880	42.2960	-12.8814											
10.00	42.2857	-11.8787	42.2863	-12.3861	42.2933	-12.8817	17.9	838.5	36	19.1	837.6	34	25.5	841.3	21	19.1	837.6
90°	42.2877	-11.8793	42.2882	-12.3867	42.2954	-12.8827											
60°	42.2877	-11.8790	42.2881	-12.3869	42.2958	-12.8827											
45°	42.2879	-11.8797	42.2884	-12.3871	42.2971	-12.8832											
11.00	42.2855	-11.8788	42.2864	-12.3860	42.2930	-12.8821	19.5	840.3	33	20.9	838.7	31	25	841.0	21	20.9	837.5
90°	42.2871	-11.8799	42.2882	-12.3871	42.2949	-12.8821											
60°	42.2871	-11.8803	42.2880	-12.3868	42.2957	-12.8818											
45°	42.2874	-11.8804	42.2885	-12.3870	42.2970	-12.8826											
12.00	42.2849	-11.8801	42.2859	-12.3861	42.2917	-12.8806	20.7	840.2	32	23.7	839.5	27	25.5	841.3	21	23.2	836.6
90°	42.2869	-11.8807	42.2881	-12.3870	42.2939	-12.8815											
60°	42.2870	-11.8804	42.2878	-12.3875	42.2947	-12.8812											
45°	42.2874	-11.8799	42.2881	-12.3875	42.2955	-12.8815											

13.00	42.2849	-11.8795	42.2865	-12.3849	42.2919	-12.8819	21.7	839.9	26	26.1	840.8	21	25.5	840.5	21	25.6	835.8
90°	42.2872	-11.8798	42.2885	-12.3857	42.2947	-12.8823											
60°	42.2870	-11.8797	42.2886	-12.3861	42.2951	-12.8820											
45°	42.2875	-11.8795	42.2884	-12.3855	42.2963	-12.8827											
14.00	42.2852	-11.8785	42.2864	-12.3850	42.2919	-12.8816	22.9	840.6	24	28.9	840.8	19	26	840.0	21	28.4	834.8
90°	42.2873	-11.8792	42.2882	-12.3849	42.2939	-12.8822											
60°	42.2873	-11.8786	42.2883	-12.3856	42.2943	-12.8820											
45°	42.2874	-11.8785	42.2884	-12.3857	42.2953	-12.8825											
15.00	42.2852	-11.8787	42.2867	-12.3870	42.2921	-12.8803	24	841.3	21.0	29.5	840.3	13	26.5	839.4	14	29	834.3
90°	42.2875	-11.8788	42.2883	-12.3854	42.2950	-12.8820											
60°	42.2872	-11.8796	42.2888	-12.3846	42.2949	-12.8836											
45°	42.2871	-11.8805	42.2886	-12.3856	42.2958	-12.8829											
16.00	42.2853	-11.8789	42.2857	-12.3874	42.2924	-12.8812	23.7	841.1	21	27.7	839.3	14	26.5	839.4	19	27	834.1
90°	42.2870	-11.8791	42.2881	-12.3869	42.2947	-12.8812											
60°	42.2869	-11.8800	42.2883	-12.3865	42.2953	-12.8814											
45°	42.2870	-11.8836	42.2886	-12.3858	42.2965	-12.8815											
17.00	42.2852	-11.8791	42.2864	-12.3853	42.2918	-12.8807	23.4	840.1	18	25.9	838.3	12	26.5	839.4	19	25.6	834.2
90°	42.2869	-11.8805	42.2885	-12.3860	42.2943	-12.8814											
60°	42.2874	-11.8805	42.2884	-12.3859	42.2947	-12.8815											
45°	42.2871	-11.8807	42.2887	-12.3859	42.2955	-12.8820											
18.00	42.2855	-11.8791	42.2860	-12.3870	42.2921	-12.8811	22.5	840.4	19	24.2	838.1	12	26.5	839.4	19	23.9	834.6
90°	42.2872	-11.8797	42.2882	-12.3875	42.2941	-12.8817											
60°	42.2876	-11.8797	42.2884	-12.3873	42.2947	-12.8817											
45°	42.2873	-11.8804	42.2885	-12.3876	42.2954	-12.8819											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
06/09/09	4.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	Mb
Ng 6.00	42.2857	-11.8809	42.2867	-12.3867	42.2938	-12.8812	13.7	834.4	33	15.7	834.0	27	25.5	839.7	20	15.7	835.8
90°	42.2879	-11.8814	42.2887	-12.3883	42.2953	-12.8817											
60°	42.2881	-11.8814	42.2888	-12.3884	42.2964	-12.8820											
45°	42.2880	-11.8815	42.2888	-12.3884	42.2973	-12.8824											
7.00	42.2857	-11.8819	42.2862	-12.3885	42.2941	-12.8790	13.9	834.5	33	15.6	833.9	28	25	840.2	20	15.4	836
90°	42.2872	-11.8824	42.2880	-12.3888	42.2958	-12.8796											
60°	42.2878	-11.8821	42.2884	-12.3891	42.2963	-12.8796											
45°	42.2877	-11.8819	42.2884	-12.3891	42.2968	-12.8799											
8.00	42.2851	-11.8804	42.2870	-12.3859	42.2931	-12.8814	15.4	836.2	34	17	834.7	31	25	840.2	20	16.3	836.2
90°	42.2873	-11.8816	42.2886	-12.3863	42.2948	-12.8819											
60°	42.2875	-11.8814	42.2887	-12.3866	42.2959	-12.8820											
45°	42.2877	-11.8809	42.2888	-12.3872	42.2960	-12.8828											
9.00	42.2850	-11.8810	42.2864	-12.3871	42.2927	-12.8817	16.9	837.1	34	17.6	835.9	34	25	840.2	20	17.3	836.4
90°	42.2869	-11.8818	42.2881	-12.3876	42.2951	-12.8821											
60°	42.2870	-11.8811	42.2882	-12.3883	42.2960	-12.8821											

45°	42.2878	-11.8809	42.2883	-12.3885	42.2970	-12.8822											
10.00	42.2849	-11.8801	42.2859	-12.3866	42.2920	-12.8788	18.3	837.9	32	19.2	836.8	31	25	840.2	21	19	836.3
90°	42.2873	-11.8798	42.2882	-12.3876	42.2941	-12.8797											
60°	42.2870	-11.8799	42.2882	-12.3874	42.2949	-12.8799											
45°	42.2877	-11.8798	42.2882	-12.3873	42.2958	-12.8800											
11.00	42.2850	-11.8799	42.2861	-12.3861	42.2922	-12.8800	19.6	838.7	27	20.7	836.9	24	24.5	839.9	20	20.2	836
90°	42.2870	-11.8808	42.2882	-12.3867	42.2937	-12.8812											
60°	42.2874	-11.8806	42.2886	-12.3871	42.2951	-12.8810											
45°	42.2876	-11.8803	42.2883	-12.3873	42.2955	-12.8814											
12.00	42.2849	-11.8797	42.2863	-12.3850	42.2917	-12.8798	20.5	838.4	25	22.4	837.9	22	24.5	839.1	20	22.2	835.2
90°	42.2871	-11.8802	42.2883	-12.3883	42.2936	-12.8799											
60°	42.2870	-11.8808	42.2884	-12.3864	42.2945	-12.8796											
45°	42.2868	-11.8807	42.2883	-12.3867	42.2953	-12.8802											
13.00	42.2851	-11.8795	42.2860	-12.3864	42.2920	-12.8815	21.1	838.0	23	25.3	838.7	21	25	838.6	20	24.7	834
90°	42.2870	-11.8801	42.2878	-12.3871	42.2933	-12.8820											
60°	42.2868	-11.8800	42.2881	-12.3871	42.2941	-12.8823											
45°	42.2871	-11.8801	42.2884	-12.3872	42.2953	-12.8825											
14.00	42.2847	-11.8794	42.2861	-12.3856	42.2917	-12.8820	21.9	838.4	23	27.8	838.5	19	25.5	838.0	20	27.1	833.1
90°	42.2867	-11.8803	42.2882	-12.3866	42.2936	-12.8818											
60°	42.2872	-11.8801	42.2881	-12.3864	42.2948	-12.8822											
45°	42.2869	-11.8803	42.2881	-12.3867	42.2960	-12.8815											
15.00	42.2850	-11.8791	42.2864	-12.3850	42.2913	-12.8813	22.4	838.7	22.0	28.1	837.9	16	26	837.5	20	28	832.3
90°	42.2875	-11.8789	42.2882	-12.3867	42.2928	-12.8818											
60°	42.2873	-11.8801	42.2884	-12.3860	42.2935	-12.8830											
45°	42.2873	-11.8793	42.2882	-12.3864	42.2948	-12.8820											
16.00	42.2845	-11.8805	42.2857	-12.3874	42.2918	-12.8806	22.3	838.7	22.0	28.2	837.1	13	26.5	837.8	19	27.5	832.0
90°	42.2867	-11.8810	42.2884	-12.3852	42.2936	-12.8786											
60°	42.2870	-11.8801	42.2884	-12.3858	42.2941	-12.8840											
45°	42.2868	-11.8809	42.2884	-12.3859	42.2960	-12.8849											
17.00	42.2844	-11.8798	42.2861	-12.3855	42.2924	-12.8808	21.9	838.4	22.0	26.8	836.3	11	27	838.1	19	26.6	831.8
90°	42.2867	-11.8801	42.2882	-12.3856	42.2945	-12.8811											
60°	42.2869	-11.8791	42.2881	-12.3864	42.2954	-12.8828											
45°	42.2873	-11.8792	42.2881	-12.3866	42.2959	-12.8821											
18.00	42.2850	-11.8802	42.2857	-12.3872	42.2923	-12.8805	20.2	836.6	23	23.4	840.1	18	26.5	837.8	19	23.3	832.1
90°	42.2871	-11.8812	42.2879	-12.3879	42.2948	-12.8813											
60°	42.2872	-11.8807	42.2879	-12.3880	42.2950	-12.8810											
45°	42.2871	-11.8811	42.2884	-12.3873	42.2968	-12.8819											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
07/09/09	5.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	42.2864	-11.8819	42.2873	-12.3884	42.2951	-12.8824	13.2	832.4	32.0	17	834.7	30	24	838.0	21	16.2	834.8
90°	42.2881	-11.8859	42.2899	-12.3898	42.2978	-12.8827											
60°	42.2883	-11.8860	42.2903	-12.3890	42.2987	-12.8878											
45°	42.2884	-11.8851	42.2901	-12.3893	42.2987	-12.8880											
7.00	42.2861	-11.8833	42.2876	-12.3872	42.2954	-12.8840	13.3	832.5	35.0	16.9	834.7	29	24	838.8	21	16	835.4
90°	42.2892	-11.8827	42.2900	-12.3889	42.2976	-12.8845											
60°	42.2893	-11.8827	42.2902	-12.3881	42.2985	-12.8816											
45°	42.2900	-11.8814	42.2908	-12.3872	42.3004	-12.8822											
8.00	42.2860	-11.8824	42.2874	-12.3869	42.2940	-12.8822	14.9	834.3	35.0	17.4	835.0	30	24	838.8	21	17.3	835.5
90°	42.2898	-11.8794	42.2890	-12.3902	42.2966	-12.8829											
60°	42.2895	-11.8799	42.2900	-12.3889	42.2972	-12.8855											
45°	42.2892	-11.8828	42.2903	-12.3878	42.2994	-12.8861											
9.00	42.2862	-11.8805	42.2871	-12.3868	42.2942	-12.8800	16.6	836.1	34.0	18	836.1	30	24	839.6	21	17.8	835.9
90°	42.2881	-11.8835	42.2890	-12.3895	42.2967	-12.8804											
60°	42.2884	-11.8835	42.2899	-12.3888	42.2973	-12.8861											
45°	42.2881	-11.8853	42.2896	-12.3889	42.2972	-12.8865											
10.00	42.2861	-11.8806	42.2876	-12.3849	42.2949	-12.8844	18.1	837.0	32	19.8	836.4	27	24	839.6	21	19.1	835.9
90°	42.2883	-11.8822	42.2891	-12.3898	42.2973	-12.8840											
60°	42.2884	-11.8823	42.2891	-12.3898	42.2986	-12.8842											
45°	42.2884	-11.8833	42.2890	-12.3903	42.2991	-12.8845											
11.00	42.2861	-11.8800	42.2875	-12.3848	42.2942	-12.8858	19.1	838.4	29	22	837.7	25	24	839.6	21	21.5	835.7
90°	42.2879	-11.8828	42.2890	-12.3889	42.2968	-12.8876											
60°	42.2881	-11.8827	42.2897	-12.3873	42.2977	-12.8827											
45°	42.2881	-11.8847	42.2898	-12.3879	42.2979	-12.8826											
12.00	42.2863	-11.8795	42.2873	-12.3853	42.2935	-12.8843	20.3	838.3	27	22.7	838.1	23	24	838.8	21	23.2	834.9
90°	42.2879	-11.8825	42.2899	-12.3867	42.2951	-12.8847											
60°	42.2881	-11.8823	42.2901	-12.3856	42.2956	-12.8817											
45°	42.2886	-11.8811	42.2902	-12.3858	42.2957	-12.8816											
13.00	42.2867	-11.8783	42.2875	-12.3848	42.2942	-12.8811	21.3	838.1	24	24.6	837.5	21	24.5	838.3	21	24.7	833.8
90°	42.2884	-11.8797	42.2889	-12.3884	42.2963	-12.8847											
60°	42.2884	-11.8798	42.2897	-12.3865	42.2965	-12.8849											
45°	42.2882	-11.8812	42.2897	-12.3867	42.2972	-12.8853											
14.00	42.2866	-11.8773	42.2874	-12.3849	42.2941	-12.8801	21.9	838.4	23	27.4	839.1	17	25	837.8	21	26.6	833
90°	42.2878	-11.8822	42.2894	-12.3865	42.2962	-12.8800											
60°	42.2879	-11.8815	42.2899	-12.3862	42.2970	-12.8865											
45°	42.2875	-11.8798	42.2902	-12.3873	42.2983	-12.8859											
15.00	42.2860	-11.8785	42.2874	-12.3843	42.2940	-12.8834	22.3	838.7	22.0	27.8	837.7	14	25.5	838.0	20	27.8	832.3
90°	42.2882	-11.8811	42.2898	-12.3866	42.2964	-12.8840											
60°	42.2875	-11.8833	42.2892	-12.3882	42.2968	-12.8816											
45°	42.2877	-11.8837	42.2890	-12.3892	42.2984	-12.8815											
16.00	42.2865	-11.8779	42.2874	-12.3851	42.2943	-12.8836	22.6	838.8	22	26.3	836.9	14	26	837.5	20	25.6	832.2

90°	42.2881	-11.8814	42.2881	-12.3915	42.2959	-12.8821											
60°	42.2881	-11.8831	42.2899	-12.3864	42.2960	-12.8858											
45°	42.2881	-11.8828	42.2894	-12.3887	42.2970	-12.8859											
17.00	42.2863	-11.8783	42.2870	-12.3851	42.2937	-12.8799	22	838.5	22	26	836.7	17	26.4	837.7	19	25	832.5
90°	42.2875	-11.8835	42.2896	-12.3867	42.2959	-12.8832											
60°	42.2872	-11.8844	42.2898	-12.3876	42.2967	-12.8841											
45°	42.2887	-11.8818	42.2900	-12.3865	42.2975	-12.8845											
18.00	42.2862	-11.8789	42.2873	-12.3860	42.2940	-12.8800	20.2	837.4	23	24.5	836.7	18	27	838.9	20	23.5	833
90°	42.2877	-11.8828	42.2897	-12.3873	42.2965	-12.8806											
60°	42.2878	-11.8831	42.2902	-12.3867	42.2979	-12.8855											
45°	42.2877	-11.8842	42.2905	-12.3859	42.2982	-12.8856											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
08/09/09	5.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	42.2866	-11.8808	42.2876	-12.3872	42.2949	-12.8837	14.1	833.8	35.0	16	833.3	33	25	838.6	21	15.8	834.7
90°	42.2883	-11.8848	42.2896	-12.3899	42.2971	-12.8844											
60°	42.2880	-11.8851	42.2898	-12.3900	42.2973	-12.8823											
45°	42.2887	-11.8838	42.2905	-12.3878	42.2988	-12.8818											
7.00	42.2866	-11.8801	42.2872	-12.3884	42.2946	-12.8826	14.2	833.9	35.0	16.2	833.4	33	24.5	838.3	21	16.2	834.8
90°	42.2889	-11.8830	42.2897	-12.3889	42.2967	-12.8832											
60°	42.2891	-11.8826	42.2897	-12.3899	42.2975	-12.8835											
45°	42.2892	-11.8829	42.2900	-12.3885	42.2977	-12.8834											
8.00	42.2864	-11.8809	42.2877	-12.3865	42.2945	-12.8831	15.8	835.6	34.0	17	833.9	30	24.5	838.3	21	16.6	834.6
90°	42.2885	-11.8827	42.2895	-12.3890	42.2968	-12.8841											
60°	42.2885	-11.8830	42.2893	-12.3905	42.2975	-12.8846											
45°	42.2887	-11.8832	42.2892	-12.3908	42.2976	-12.8849											
9.00	42.2863	-11.8802	42.2873	-12.3859	42.2940	-12.8816	17.9	836.9	33.0	19	835.9	29	24.5	839.1	21	18	834.9
90°	42.2888	-11.8818	42.2896	-12.3886	42.2963	-12.8821											
60°	42.2890	-11.8815	42.2899	-12.3884	42.2970	-12.8830											
45°	42.2892	-11.8808	42.2900	-12.3880	42.2981	-12.8833											
10.00	42.2865	-11.8790	42.2877	-12.3847	42.2944	-12.8829	18.3	837.1	32	20	836.5	28	24.5	839.1	21	19.2	835.5
90°	42.2886	-11.8812	42.2894	-12.3878	42.2969	-12.8845											
60°	42.2885	-11.8808	42.2894	-12.3891	42.2970	-12.8853											
45°	42.2888	-11.8811	42.2897	-12.3863	42.2975	-12.8855											
11.00	42.2859	-11.8801	42.2870	-12.3859	42.2944	-12.8814	19.5	837.0	29	23.2	837.5	25	24	838.8	21	22.9	834.8
90°	42.2887	-11.8810	42.2895	-12.3871	42.2967	-12.8823											
60°	42.2888	-11.8804	42.2893	-12.3884	42.2972	-12.8836											
45°	42.2889	-11.8820	42.2898	-12.3877	42.2988	-12.8837											
12.00	42.2862	-11.8788	42.2875	-12.3839	42.2936	-12.8822	20.7	837.7	28	24	838.0	25	24	838.0	21	23.5	834
90°	42.2886	-11.8795	42.2890	-12.3885	42.2954	-12.8826											
60°	42.2889	-11.8795	42.2897	-12.3877	42.2969	-12.8846											

45°	42.2891	-11.8801	42.2894	-12.3880	42.2971	-12.8846											
13.00	42.2866	-11.8767	42.2871	-12.3860	42.2930	-12.8801	21.6	837.4	24	24.6	837.5	21	24.0	837.2	20	24	833.3
90°	42.2880	-11.8815	42.2885	-12.3894	42.2954	-12.8809											
60°	42.2883	-11.8815	42.2893	-12.3887	42.2966	-12.8859											
45°	42.2884	-11.8812	42.2896	-12.3868	42.2966	-12.8861											
14.00	42.2862	-11.8791	42.2872	-12.3857	42.2926	-12.8780	22.3	837.8	23	25.8	837.4	21	24.5	836.7	20	25.5	832.6
90°	42.2883	-11.8807	42.2891	-12.3874	42.2943	-12.8780											
60°	42.2883	-11.8805	42.2892	-12.3878	42.2949	-12.8848											
45°	42.2883	-11.8796	42.2890	-12.3888	42.2959	-12.8851											
15.00	42.2865	-11.8774	42.2874	-12.3844	42.2947	-12.8828	22.7	837.3	23.0	27	837.2	20	25	836.9	20	26.8	831.7
90°	42.2871	-11.8831	42.2886	-12.3900	42.2968	-12.8846											
60°	42.2872	-11.8849	42.2889	-12.3886	42.2988	-12.8839											
45°	42.2872	-11.8832	42.2889	-12.3888	42.2988	-12.8836											
16.00	42.2864	-11.8757	42.2874	-12.3833	42.2946	-12.8850	22.9	838.2	22	26.5	836.1	18	26	836.7	21	26	831.6
90°	42.2873	-11.8828	42.2889	-12.3874	42.2974	-12.8819											
60°	42.2876	-11.8826	42.2893	-12.3868	42.2975	-12.8793											
45°	42.2881	-11.8814	42.2893	-12.3880	42.2978	-12.8787											
17.00	42.2863	-11.8783	42.2869	-12.3858	42.2957	-12.8878	22.3	837.8	22	26.2	836.0	18	26.5	837.0	19	25.7	831.6
90°	42.2881	-11.8807	42.2886	-12.3896	42.2977	-12.8839											
60°	42.2884	-11.8806	42.2893	-12.3879	42.2976	-12.8834											
45°	42.2880	-11.8827	42.2893	-12.3879	42.2980	-12.8842											
18.00	42.2864	-11.8773	42.2868	-12.3863	42.2953	-12.8802	20.6	836.9	23	25.7	835.7	20	26.5	837.8	19	24	832
90°	42.2878	-11.8827	42.2890	-12.3886	42.2978	-12.8809											
60°	42.2880	-11.8831	42.2899	-12.3869	42.2993	-12.8833											
45°	42.2881	-11.8821	42.2903	-12.3857	42.2997	-12.8841											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
09/09/09	5.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	42.2867	-11.8797	42.2874	-12.3870	42.2971	-12.8850	13.9	832.1	28.0	17.5	832.6	23	24.5	836.7	20	17.3	832.7
90°	42.2886	-11.8824	42.2892	-12.3902	42.2995	-12.8857											
60°	42.2889	-11.8826	42.2892	-12.3903	42.2999	-12.8864											
45°	42.2886	-11.8832	42.2893	-12.3900	42.3009	-12.8866											
7.00	42.2861	-11.8811	42.2868	-12.3889	42.2963	-12.8837	14	832.9	27.0	17	833.1	22	24.5	837.5	20	16.6	833.3
90°	42.2882	-11.8826	42.2893	-12.3885	42.2985	-12.8840											
60°	42.2885	-11.8828	42.2892	-12.3902	42.2988	-12.8841											
45°	42.2881	-11.8826	42.2899	-12.3877	42.3005	-12.8847											
8.00	42.2867	-11.8781	42.2871	-12.3864	42.2950	-12.8835	15.9	834.1	27.0	18	833.7	22	24.5	838.3	20	17.7	833.8
90°	42.2874	-11.8839	42.2887	-12.3892	42.2977	-12.8846											
60°	42.2877	-11.8839	42.2890	-12.3894	42.2985	-12.8840											
45°	42.2873	-11.8822	42.2894	-12.3868	42.3005	-12.8847											
9.00	42.2862	-11.8774	42.2870	-12.3851	42.2947	-12.8809	16.8	834.6	27.0	21.7	836.7	23	24	838.0	20	21.1	834.5
90°	42.2877	-11.8824	42.2890	-12.3873	42.2973	-12.8820											

60°	42.2879	-11.8819	42.2891	-12.3881	42.2983	-12.8830											
45°	42.2881	-11.8819	42.2892	-12.3879	42.2995	-12.8830											
10.00	42.2859	-11.8770	42.2874	-12.3874	42.2946	-12.8809	18.8	835.8	26	21	837.1	22	22.5	837.1	21	20	834.6
90°	42.2880	-11.8810	42.2886	-12.3890	42.2969	-12.8814											
60°	42.2882	-11.8805	42.2891	-12.3876	42.2975	-12.8842											
45°	42.2886	-11.8819	42.2896	-12.3874	42.2995	-12.8844											
11.00	42.2857	-11.8790	42.2871	-12.3841	42.2940	-12.8811	20.6	836.9	24	22.2	837.0	21	23	837.4	21	21.8	834.5
90°	42.2870	-11.8836	42.2886	-12.3889	42.2963	-12.8822											
60°	42.2870	-11.8840	42.2885	-12.3890	42.2971	-12.8836											
45°	42.2873	-11.8828	42.2896	-12.3854	42.2974	-12.8837											
12.00	42.2846	-11.8812	42.2870	-12.3845	42.2944	-12.8816	21.7	838.3	23	24	838.0	21	24	838.0	20	23	834.1
90°	42.2872	-11.8823	42.2883	-12.3896	42.2966	-12.8828											
60°	42.2878	-11.8819	42.2892	-12.3876	42.2966	-12.8831											
45°	42.2881	-11.8827	42.2889	-12.3888	42.2994	-12.8839											
13.00	42.2849	-11.8805	42.2870	-12.3843	42.2930	-12.8767	23.3	838.4	22	25.5	837.2	20	24.5	837.5	20	24.8	833
90°	42.2870	-11.8829	42.2884	-12.3889	42.2954	-12.8773											
60°	42.2872	-11.8826	42.2891	-12.3872	42.2970	-12.8834											
45°	42.2874	-11.8810	42.2893	-12.3866	42.2982	-12.8839											
14.00	42.2856	-11.8781	42.2865	-12.3853	42.2943	-12.8815	23.1	838.3	22	26.2	836.8	17	25	836.9	20	25.5	832.2
90°	42.2874	-11.8811	42.2887	-12.3879	42.2972	-12.8798											
60°	42.2876	-11.8811	42.2888	-12.3882	42.2973	-12.8820											
45°	42.2879	-11.8808	42.2888	-12.3877	42.2981	-12.8822											
15.00	42.2850	-11.8794	42.2868	-12.3842	42.2927	-12.8833	23.5	838.5	21.0	28	837.8	16	25.5	836.4	20	26.6	831.6
90°	42.2870	-11.8823	42.2883	-12.3885	42.2949	-12.8838											
60°	42.2876	-11.8811	42.2890	-12.3867	42.2953	-12.8854											
45°	42.2879	-11.8813	42.2890	-12.3867	42.2992	-12.8881											
16.00	42.2852	-11.8790	42.2870	-12.3827	42.2943	-12.8808	23.4	838.5	21	28	837.0	14	26.5	837.0	19	26.7	831.6
90°	42.2871	-11.8818	42.2879	-12.3895	42.2962	-12.8799											
60°	42.2871	-11.8818	42.2884	-12.3881	42.2968	-12.8849											
45°	42.2880	-11.8812	42.2882	-12.3898	42.2988	-12.8857											
17.00	42.2843	-11.8815	42.2871	-12.3842	42.2937	-12.8822	23.1	839.1	21	27.9	836.9	14	26.5	837.8	19	25.6	831.9
90°	42.2875	-11.8809	42.2884	-12.3869	42.2962	-12.8827											
60°	42.2876	-11.8813	42.2884	-12.3891	42.2978	-12.8835											
45°	42.2874	-11.8791	42.2882	-12.3891	42.2984	-12.8837											
18.00	42.2850	-11.8811	42.2871	-12.3843	42.2924	-12.8821	21.6	838.3	17	23.4	836.0	13	26.5	837.8	19	23	832.5
90°	42.2875	-11.8826	42.2890	-12.3871	42.2947	-12.8834											
60°	42.2873	-11.8830	42.2893	-12.3869	42.2957	-12.8836											
45°	42.2875	-11.8830	42.2897	-12.3862	42.2961	-12.8842											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
10/09/09		6.38mm					Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	42.2875	-11.8830	42.2895	-12.3860	42.2952	-12.8823	8.5	828.72	75	9.0	828.2	72	21.5	835.7	24	10.6	834
60°	42.2908	-11.8834	42.2924	-12.3868	42.2992	-12.8836											
45°	42.2909	-11.8833	42.2923	-12.3880	42.3025	-12.8844											
7.00	42.2880	-11.8829	42.2888	-12.3869	42.2968	-12.8842	8.4	828.7	76.0	9.4	828.5	72	21.5	835.7	24	9.5	834.4
60°	42.2921	-11.8825	42.2925	-12.3862	42.3016	-12.8838											
45°	42.2915	-11.8831	42.2917	-12.3860	42.3021	-12.8849											
8.00	42.2879	-11.8820	42.2891	-12.3862	42.2961	-12.8820	9.5	830.2	75.0	9.8	830.3	76	21.5	835.7	24	10	834.8
60°	42.2909	-11.8829	42.2920	-12.3866	42.2999	-12.8826											
45°	42.2914	-11.8834	42.2920	-12.3870	42.2988	-12.8844											
9.00	42.2873	-11.8816	42.2885	-12.3869	42.2962	-12.8810	11.0	831.1	71.0	11.1	831.1	73	21.5	835.7	25	11.6	834.8
60°	42.2907	-11.8827	42.2921	-12.2871	42.2995	-12.8806											
45°	42.291	-11.8831	42.2921	-12.3872	42.3000	-12.8841											
10.00	42.287	-11.8817	42.2887	-12.3852	42.2950	-12.8810	13.1	832.4	62	13.9	832.9	62	21.5	835.7	25	14.5	834.8
60°	42.2905	-11.8839	42.2921	-12.3868	42.2995	-12.8822											
45°	42.2913	-11.8834	42.2925	-12.3865	42.3018	-12.8855											
11.00	42.2868	-11.8814	42.2874	-12.3860	42.2949	-12.8805	14.7	833.4	53	15.8	834.0	52	21.5	836.6	25	15.9	834.5
60°	42.2906	-11.8818	42.2911	-12.3858	42.2989	-12.8819											
45°	42.2906	-11.8826	42.2913	-12.3859	42.3003	-12.8846											
12.00	42.2867	-11.8813	42.2879	-12.3867	42.2944	-12.8825	16.0	833.3	49	18.9	835.0	43	21.5	835.7	25	18.3	833.8
60°	42.2906	-11.8815	42.2914	-12.3867	42.2989	-12.8837											
45°	42.2907	-11.8813	42.2913	-12.3861	42.2992	-12.8832											
13.00	42.2876	-11.8792	42.2897	-12.3864	42.2938	-12.8861	17.3	833.3	43	21.0	836.3	36	22.0	836.0	25	20.9	832.9
60°	42.2898	-11.8831	42.2911	-12.3859	42.2979	-12.8873											
45°	42.2903	-11.8836	42.2916	-12.3860	42.2993	-12.8846											
14.00	42.2874	-11.8798	42.2881	-12.3865	42.2938	-12.8828	18.4	833.1	38	23.0	837.4	32	22.5	835.5	24	22.4	832.3
60°	42.2892	-11.8861	42.2907	-12.3859	42.2975	-12.8836											
45°	42.2897	-11.8860	42.2909	-12.3852	42.3007	-12.8888											
15.00	42.2865	-11.8815	42.2882	-12.3859	42.2911	-12.8809	19.3	832.8	36.0	24.5	837.5	36	23.5	835.3	24	23.3	831.6
60°	42.2895	-11.8847	42.2904	-12.3852	42.2962	-12.8876											
45°	42.2894	-11.8851	42.2907	-12.3864	42.2982	-12.8835											
16.00	42.2862	-11.8816	42.2875	-12.3852	42.2946	-12.8856	19.5	833.0	36	25	838.6	29	24.5	835.8	23	24.6	831.2
60°	42.2893	-11.8857	42.2905	-12.3855	42.2985	-12.8850											
45°	42.2892	-11.8847	42.2902	-12.3861	42.2992	-12.8839											
17.00	42.2871	-11.8811	42.2887	-12.3854	42.2954	-12.8833	19.1	832.7	36	23.5	836.9	31	24.9	836.1	23	22.3	831.6
60°	42.2893	-11.8850	42.2909	-12.3859	42.2993	-12.884											
45°	42.2898	-11.8851	42.2905	-12.3856	42.3008	-12.8866											
18.00	42.2861	-11.8850	42.2876	-12.3856	42.2959	-12.8826	17.5	831.8	38	19.8	833.9	36	23.5	835.3	22	19.3	832.3
60°	42.2891	-11.8856	42.2906	-12.3858	42.2999	-12.8838											
45°	42.2894	-11.8858	42.2917	-12.3854	42.3006	-12.8885											

Date		Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
11/09/09		6.38mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time		HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng	6.00	42.2861	-11.8862	42.2887	-12.3868	42.2956	-12.8848	11.1	830.3	25.0	14.1	831.4	26	22.5	836.3	23	14.1	833.3
	60°	42.2902	-11.8857	42.2914	-12.3898	42.2988	-12.8858											
	45°	42.2898	-11.8857	42.2921	-12.3881	42.3000	-12.8853											
	7.00	42.2872	-11.8824	42.2886	-12.3872	42.2953	-12.8816	11.2	830.4	25.0	14	832.1	26	22.5	836.3	23	13.9	833.9
	60°	42.2907	-11.8832	42.2918	-12.3883	42.2996	-12.8827											
	45°	42.291	-11.8833	42.2922	-12.3881	42.2998	-12.8841											
	8.00	42.2875	-11.8806	42.2882	-12.3865	42.2949	-12.8825	12.5	831.2	49.0	14.8	832.6	48	23	837.4	23	14.8	834.4
	60°	42.2900	-11.8841	42.2910	-12.3897	42.2995	-12.8835											
	45°	42.2910	-11.8842	42.2925	-12.3869	42.3009	-12.8841											
	9.00	42.2868	-11.8817	42.2873	-12.3882	42.2935	-12.8820	14.5	833.2	46.0	16.5	833.6	41	23	837.4	23	16.2	834.6
	60°	42.2900	-11.8839	42.2909	-12.3875	42.2980	-12.8833											
	45°	42.2900	-11.8840	42.2908	-12.3874	42.2998	-12.8863											
	10.00	42.2865	-11.8812	42.2877	-12.3867	42.2924	-12.8821	16.3	835.1	42	19	835.1	37	23	837.4	23	18.6	834.5
	60°	42.2891	-11.8843	42.2908	-12.3880	42.2966	-12.8834											
	45°	42.2893	-11.8840	42.2911	-12.3875	42.2981	-12.8836											
	11.00	42.2865	-11.8818	42.2878	-12.3855	42.2927	-12.8818	17.9	836.1	39	21.8	836.7	33	23	837.4	23	21.1	834.2
	60°	42.2896	-11.8823	42.2902	-12.3898	42.2963	-12.8830											
	45°	42.2905	-11.8825	42.2907	-12.3899	42.2994	-12.8831											
	12.00	42.2854	-11.8832	42.2877	-12.3858	42.2941	-12.8801	19.2	836.0	36	23	836.6	31	23.5	836.9	23	22.4	833.3
	60°	42.2898	-11.8819	42.2903	-12.3898	42.2977	-12.8817											
	45°	42.2897	-11.8817	42.2903	-12.3887	42.2994	-12.8862											
	13.00	42.2864	-11.8812	42.2877	-12.3861	42.2955	-12.8818	20.4	836.7	33	25.2	837.0	30	23.5	836.1	23	24.6	832.6
	60°	42.2892	-11.8846	42.2899	-12.3902	42.2999	-12.8829											
	45°	42.2903	-11.8849	42.2909	-12.3899	42.3008	-12.8841											
	14.00	42.2864	-11.8805	42.2887	-12.3839	42.2952	-12.8825	20.9	836.2	33	26.0	836.7	24	24	836.4	22	25.7	831.6
	60°	42.2895	-11.8829	42.2898	-12.3910	42.2995	-12.8833											
	45°	42.2902	-11.8831	42.2910	-12.3886	42.2999	-12.8857											
	15.00	42.2856	-11.8828	42.2878	-12.3855	42.2941	-12.8816	21.5	837.4	31.0	27.3	836.6	22	24.1	835.6	21	25.2	831.1
	60°	42.2889	-11.8841	42.2897	-12.3917	42.2991	-12.8808											
	45°	42.2893	-11.8830	42.2904	-12.3899	42.3004	-12.8849											
	16.00	42.2860	-11.8819	42.2881	-12.3842	42.2943	-12.8830	21.5	837.4	28	28.3	837.1	20	25	836.1	21	26.7	831.0
	60°	42.2888	-11.8844	42.2894	-12.3919	42.2977	-12.8824											
	45°	42.2890	-11.8837	42.2906	-12.3888	42.2984	-12.8838											
	17.00	42.2858	-11.8827	42.2882	-12.3848	42.2951	-12.8851	20.9	837.0	29	26	835.9	21	25.5	836.4	21	24.2	831.2
	60°	42.2886	-11.8850	42.2897	-12.3962	42.2995	-12.8862											
	45°	42.2896	-11.8855	42.2907	-12.3916	42.3001	-12.8851											
	18.00	42.2861	-11.8827	42.2874	-12.3879	42.2955	-12.8839	19.2	836.0	30	23	835.0	23	25.5	837.2	21	21.7	832
	60°	42.2886	-11.8865	42.2908	-12.3883	42.2986	-12.8855											
	45°	42.2887	-11.8863	42.2910	-12.3879	42.3004	-12.8850											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
12/09/09	6.38mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	42.2869	-11.8817	42.2874	-12.3857	42.2945	-12.8802	14.1	832.2	35.0	16	833.3	31	22.5	836.3	22	15.9	833.5
60°	42.2906	-11.8819	42.2912	-12.3893	42.2991	-12.8814	14.1										
45°	42.2896	-11.8817	42.2908	-12.3884	42.3014	-12.8860	14.1										
7.00	42.2869	-11.8818	42.2879	-12.3880	42.2960	-12.8825	14	831.3	35.0	16.4	833.6	31	22	836.0	22	16.1	833.8
60°	42.2898	-11.8841	42.2914	-12.3868	42.2996	-12.8834											
45°	42.2904	-11.8843	42.2921	-12.3871	42.3019	-12.8857											
8.00	42.2866	-11.8825	42.2881	-12.3854	42.2956	-12.8825	15.4	833.8	34.0	18.6	835.7	28	22.5	837.1	22	18.3	834.3
60°	42.2901	-11.8823	42.2915	-12.3880	42.2988	-12.8834											
45°	42.2890	-11.8817	42.2914	-12.3882	42.3014	-12.8850											
9.00	42.2864	-11.8813	42.2876	-12.3860	42.2948	-12.8833	17.1	834.8	34.0	20.5	836.0	28	23	837.4	22	20.1	834.5
60°	42.2894	-11.8823	42.2898	-12.3909	42.2988	-12.8840											
45°	42.2897	-11.8823	42.2906	-12.3884	42.9890	-12.8850											
10.00	42.2862	-11.8813	42.2872	-12.3859	42.2950	-12.8824	18.8	836.6	33	21.1	837.1	25	23.5	838.5	22	21.1	834.7
60°	42.2887	-11.8846	42.2904	-12.3876	42.2990	-12.8836											
45°	42.2894	-11.8825	42.2904	-12.3876	42.3013	-12.8876											
11.00	42.2856	-11.8812	42.2875	-12.3853	42.2948	-12.8807	19.7	838.0	27	22	837.7	21	24	838.8	21	21.7	834.9
60°	42.2888	-11.8830	42.2899	-12.3886	42.2981	-12.8857											
45°	42.2880	-11.8827	42.2902	-12.3890	42.2988	-12.8858											
12.00	42.2852	-11.8832	42.2871	-12.3868	42.2949	-12.8828	20.3	837.5	25	22.5	837.1	22	24	838.8	21	22.8	834.2
60°	42.2883	-11.8845	42.2902	-12.3876	42.2987	-12.8836											
45°	42.2889	-11.8831	42.2901	-12.3893	42.2997	-12.8832											
13.00	42.2860	-11.8799	42.2880	-12.3844	42.2947	-12.8827	21.1	838.0	25	23.9	837.1	21	24.0	837.2	21	24.5	833.4
60°	42.2887	-11.8828	42.2894	-12.3920	42.2977	-12.8872											
45°	42.2887	-11.8830	42.2903	-12.3885	42.2984	-12.8859											
14.00	42.2864	-11.8797	42.2880	-12.3846	42.2947	-12.8834	21.6	837.4	24	25.0	836.9	20	24	837.2	21	24.9	832.9
60°	42.2888	-11.8822	42.2899	-12.3886	42.2982	-12.8855											
45°	42.2885	-11.8811	42.2900	-12.3907	42.3007	-12.8861											
15.00	42.2857	-11.8811	42.2877	-12.3847	42.2949	-12.8830	22	838.5	23.0	26.3	837.7	17	24.5	836.7	21	25.8	832.5
60°	42.2876	-11.8868	42.2892	-12.3917	42.2987	-12.8855											
45°	42.2887	-11.8831	42.2902	-12.3901	42.3004	-12.8857											
16.00	42.2856	-11.8810	42.2870	-12.3865	42.2940	-12.8812	21.8	838.4	23	26.3	836.9	16	25.5	837.2	21	25.8	832.4
60°	42.2884	-11.8838	42.2896	-12.3901	42.2970	-12.8853											
45°	42.2879	-11.8848	42.2899	-12.3898	42.2979	-12.8858											
17.00	42.2858	-11.8815	42.2882	-12.3841	42.2943	-12.8851	21.2	838.0	23	25.5	837.2	17	25.5	837.2	20	24.9	832.7
60°	42.2887	-11.8833	42.2899	-12.3893	42.2980	-12.8843											
45°	42.2886	-11.8850	42.2900	-12.3905	42.2995	-12.8847											
18.00	42.2857	-11.8822	42.2869	-12.3890	42.2957	-12.8840	19.2	836.8	24	23.5	836.1	18	25	837.8	20	22.8	832.9
60°	42.2893	-11.8832	42.2906	-12.3887	42.2972	-12.8841											
45°	42.2900	-11.8810	42.2905	-12.3884	42.2974	-12.8845											

LONG DISTANCE

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
06/10/09	2.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5089	-23.0060	626.5064	-23.5054	626.5274	-23.9971	13.3	824	72	16.4	824	66	20	823	38	15.5	828.7
90°	626.5105	-23.0058	626.5074	-23.5055	626.5278	-23.9994											
60°	626.5115	-23.0054	626.5080	-23.5050	626.5286	-23.9934											
45°	626.5095	-23.0053	626.5080	-23.5062	error 256	error 256											
7.00	626.5091	-23.0056	626.5056	-23.5053	626.5282	-24.0200	13.5	824	72	16.5	824	66	20	824	38	15.5	829.5
90°	626.5106	-23.0057	626.5070	-23.5052	626.5295	-24.0127											
60°	626.5116	-23.0051	626.5077	-23.5045	626.5282	-24.0112											
45°	626.5101	-23.0050	626.5062	-23.5063	error 256	error 256											
8.00	626.5082	-23.0058	626.5046	-23.5053	626.5266	-24.0157	17.5	825	61	17.7	826	41	20.5	824	38	17.4	829.6
90°	626.5095	-23.0063	626.5058	-23.5051	626.5280	-24.0095											
60°	626.5104	-23.0065	626.5060	-23.5048	626.5268	-24.0135											
45°	626.5096	-23.0052	626.5056	-23.5065	error 256	error 256											
9.00	626.5080	-23.0060	626.5041	-23.5052	626.5259	-24.0025	19.1	826	52	19.7	825	56	20.5	824	38	19.3	829.7
90°	626.5088	-23.0055	626.5052	-23.5051	626.5282	-24.0121											
60°	626.5083	-23.0053	626.5047	-23.5040	626.5266	-24.0068											
45°	626.5084	-23.0064	626.5046	-23.5065	error 256	error 256											
10.00	626.5057	-23.0059	626.5039	-23.5053	626.5262	-24.0140	19.6	827	47	20.4	825	46	20.5	825	38	20.5	829.9
90°	626.5082	-23.0055	626.5043	-23.5053	626.5271	-24.0133											
60°	626.5073	-23.0054	626.5045	-23.5042	626.5273	-24.0141											
45°	626.5084	-23.0060	626.5047	-23.5066	error 256	error 256											
11.00	626.5049	-23.0058	626.5023	-23.5052	626.5250	-24.0140	21	827	41	22.4	825	40	20.5	825	36	22.9	829.7
90°	626.5059	-23.0061	626.5037	-23.5053	626.5790	-24.0133											
60°	626.5055	-23.0055	626.5042	-23.5041	626.5276	-24.0141											
45°	626.5059	-23.0059	626.5038	-23.5058	error 256	error 256											
12.00	626.5047	-23.0057	626.5021	-23.5054	626.5246	-24.0146	21.4	826	39	23.9	824	35	21	824	36	23.9	828.8
90°	626.5059	-23.0055	626.5035	-23.5060	626.5264	-24.0069											
60°	626.5056	-23.0057	626.5031	-23.5040	626.5265	-24.0080											
45°	626.5057	-23.0051	626.5027	-23.5063	error 256	error 256											
13.00	626.5045	-23.0046	626.5019	-23.5051	626.5245	-24.0144	22.1	826	36	24.7	823	32	21	823	35	25	828.4
90°	626.5057	-23.0048	626.5027	-23.5052	626.5262	-24.0186											
60°	626.5050	-23.0049	626.5037	-23.5038	626.5262	-24.0108											
45°	626.5062	-23.0041	626.5027	-23.5064	error 256	error 256											
14.00	626.5041	-23.0047	626.5021	-23.5051	626.5240	-24.0095	23.2	826	35	27.1	822	31	21.5	823	33	26.5	827.9
90°	626.5056	-23.0046	626.5026	-23.5050	626.5249	-24.0084											
60°	626.5049	-23.0042	626.5028	-23.5042	626.5244	-24.0108											
45°	626.5051	-23.0037	626.5028	-23.5060	error 256	error 256											
15.00	626.5034	-23.0045	626.5015	-23.5050	626.5226	-24.0165	24.4	827	33	28	821	28	21.5	823	33	27.5	827.6
90°	626.5047	-23.0037	626.5026	-23.5050	626.5238	-24.0146											

60°	626.5056	-23.0034	626.5027	-23.5037	626.5243	-24.0247											
45°	626.5048	-23.0039	626.5025	-23.5061	error 256	error 256											
16.00	626.5035	-23.0055	626.5012	-23.5055	626.5234	-24.0054	24	827	32	27.5	821	29	22.5	822	32	26	827.4
90°	626.5048	-23.0049	626.5025	-23.5048	626.5238	-24.0079											
60°	626.5050	-23.0050	626.5027	-23.5042	626.5243	-24.0157											
45°	626.5048	-23.0054	626.5018	-23.5063	error 256	error 256											
17.00	626.5027	-23.0058	626.5013	-23.5051	626.5223	-24.0220	24.2	827	33	26.9	821	29	23	823	32	26.9	827.5
90°	626.5044	-23.0055	626.5018	-23.5049	626.5231	-24.0147											
60°	626.5043	-23.0049	626.5016	-23.5042	626.5243	-24.0002											
45°	626.5040	-23.0052	626.5017	-23.5061	error 256	error 256											
18.00	626.5038	-23.0055	626.5015	-23.5052	626.5227	-24.0178	22.6	829	35	24.9	822	31	23	823	32	24.8	828
90°	626.5047	-23.0051	626.5024	-23.5054	626.5237	-24.0027											
60°	626.5051	-23.0054	626.5022	-23.5045	626.5236	-24.0020											
45°	626.5053	-23.0050	626.5024	-23.5061	error 256	error 256											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
07/10/09	2.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5079	-23.0061	626.5051	-23.5065	626.5248	-23.9975	15.2	825	48	17.6	823	44	21	823	32	17.4	826.6
90°	626.5084	-23.0058	626.5061	-23.5054	626.5262	-24.0009											
60°	626.5085	-23.0055	626.5060	-23.5057	626.5268	-24.0020											
45°	626.5082	-23.0057	626.5060	-23.5064	error 256	error 256											
7.00	626.5081	-23.0061	626.5048	-23.5063	626.5249	-24.0076	15.9	826	48	18.1	824	43	21.5	824	32	18.3	829.2
90°	626.5089	-23.0064	626.5057	-23.5061	626.5269	-24.0080											
60°	626.5087	-23.0064	626.5058	-23.5055	626.5267	-24.0033											
45°	626.5087	-23.0061	626.5057	-23.5069	error 256	error 256											
8.00	626.5069	-23.0053	626.5036	-23.5057	626.5248	-24.0052	19.2	827	32	20.3	824	41	21.5	824	32	19.7	829.2
90°	626.5081	-23.0061	626.5042	-23.5060	626.5271	-24.0280											
60°	626.5075	-23.0055	626.5044	-23.5055	626.5276	-24.0011											
45°	626.5077	-23.0054	626.5041	-23.5063	error 256	error 256											
9.00	626.5056	-23.0053	626.5031	-23.5061	626.5241	-24.0137	21.3	826	38	22	824	38	21.5	824	32	21.3	829.3
90°	626.5069	-23.0057	626.5043	-23.5055	626.5264	-24.0116											
60°	626.5069	-23.0052	626.5044	-23.5056	626.5258	-24.0106											
45°	626.5064	-23.0053	626.5043	-23.5061	error 256	error 256											
10.00	626.5051	-23.0060	626.5021	-23.5062	626.5240	-24.0080	21.5	827	37	22.6	824	36	21.5	824	32	21.6	829.3
90°	626.5062	-23.0053	626.5025	-23.5057	626.5255	-24.0073											
60°	626.5063	-23.0054	626.5024	-23.5056	626.5251	-24.0026											
45°	626.5062	-23.0057	626.5025	-23.5062	error 256	error 256											
11.00	626.5033	-23.0055	626.5017	-23.5061	626.5237	-24.0039	22.6	826	35	24.2	824	33	22	824	31	24	828.8
90°	626.5041	-23.0053	626.5024	-23.5057	626.5260	-24.0181											
60°	626.5044	-23.0053	626.5028	-23.5057	626.5260	-24.0135											
45°	626.5048	-23.0052	626.5026	-23.5060	error 256	error 256											
12.00	626.5031	-23.0049	626.5012	-23.5061	626.5233	-24.0178	23.7	827	33	25.6	823	30	22	824	31	25.4	828.6

90°	626.5040	-23.0051	626.5025	-23.5054	626.5245	-24.0120											
60°	626.5045	-23.0044	626.5027	-23.5054	626.5241	-24.0113											
45°	626.5042	-23.0049	626.5023	-23.5055	error 256	error 256											
13.00	626.5028	-23.0046	626.5010	-23.5060	626.5227	-24.0072	24.9	827	32	27.4	822	29	22.5	823	31	27.1	828.1
90°	626.5032	-23.0048	626.5017	-23.5056	626.5239	-23.9987											
60°	626.5036	-23.0046	626.5020	-23.5054	626.5238	-23.9991											
45°	626.5033	-23.0039	626.5015	-23.5062	error 256	error 256											
14.00	626.5023	-23.0048	626.5001	-23.5060	626.5222	-24.0106	26.3	827	30	28.1	821	25	23.5	823	31	28.2	827.4
90°	626.5030	-23.0049	626.5011	-23.5057	626.5234	-24.0145											
60°	626.5031	-23.0050	626.5012	-23.5051	626.5236	-24.0100											
45°	626.5029	-23.0043	626.5009	-23.5060	error 256	error 256											
15.00	626.5025	-23.0051	626.5000	-23.5060	626.5221	-24.0234	27.1	827	30	28	820	26	24	822	28	27.9	827
90°	626.5033	-23.0051	626.5011	-23.5051	626.5235	-24.0141											
60°	626.5032	-23.0047	626.5012	-23.5053	626.5233	-24.0244											
45°	626.5032	-23.0050	626.5011	-23.5068	error 256	error 256											
16.00	626.5013	-23.0055	626.4999	-23.5058	626.5209	-24.0191	27.1	827	29	28.2	820	23	24.5	822	27	27.8	826.8
90°	626.5028	-23.0047	626.5005	-23.5055	626.5213	-24.0136											
60°	626.5028	-23.0049	626.5004	-23.5055	626.5213	-24.0031											
45°	626.5027	-23.0048	626.5003	-23.5059	error 256	error 256											
17.00	626.5005	-23.0054	626.4998	-23.5063	626.5202	-23.9940	26.4	828	26	28.5	820	21	25.5	822	25	28.6	826.7
90°	626.5013	-23.0048	626.5003	-23.5052	626.5208	-24.0023											
60°	626.5016	-23.0046	626.5002	-23.5056	626.5209	-24.0285											
45°	626.5016	-23.0046	626.5004	-23.5057	error 256	error 256											
18.00	626.5014	-23.0053	626.5002	-23.5062	626.5209	-23.9948	24.7	832	27	27.7	820	23	25.5	822	24	27.2	826.9
90°	626.5028	-23.0050	626.5007	-23.5057	626.5213	-24.0136											
60°	626.5027	-23.0051	626.5010	-23.5055	626.5213	-24.0056											
45°	626.5024	-23.0051	626.5009	-23.5062	error 256	error 256											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
08/10/09	2.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5085	-23.0050	626.5064	-23.5053	626.5265	-23.9971	16	824	26	16.5	822	23	21.5	823	23	16.5	828
90°	626.5097	-23.0046	626.5070	-23.5053	626.5276	-23.9986											
60°	626.5103	-23.0043	626.5080	-23.5061	626.5278	-23.9999											
45°	626.5099	-23.0041	626.5071	-23.5060	error 256	error 256											
7.00	626.5083	-23.0051	626.5055	-23.5052	626.5269	-23.9927	16.8	825	25	16.8	823	23	22	823	23	17.3	828.3
90°	626.5087	-23.0050	626.5065	-23.5053	626.5287	-24.0035											
60°	626.5088	-23.0046	626.5067	-23.5058	626.5283	-24.0011											
45°	626.5087	-23.0039	626.5069	-23.5059	error 256	error 256											
8.00	626.5065	-23.0047	626.5042	-23.5051	626.5258	-24.0099	19.5	826	23	19.6	823	22	22.5	823	23	19.2	828.7
90°	626.5079	-23.0045	626.5056	-23.5053	626.5280	-24.0070											
60°	626.5079	-23.0043	626.5053	-23.5059	626.5283	-24.0040											

45°	626.5078	-23.0040	626.5051	-23.5058	error 256	error 256											
9.00	626.5056	-23.0040	626.5042	-23.5051	626.5258	-23.9989	20.3	827	20	21.4	824	21	22.5	824	23	21	829.2
90°	626.5068	-23.0480	626.5054	-23.5049	626.5265	-23.9982											
60°	626.5066	-23.0044	626.5051	-23.5062	626.5277	-23.9974											
45°	626.5070	-23.0046	626.5050	-23.5063	error 256	error 256											
10.00	626.5046	-23.0046	626.5028	-23.5054	626.5253	-24.0015	21.8	826	17	22.7	823	18	23	824	23	22.7	828.6
90°	626.5055	-23.0043	626.5036	-23.5053	626.5268	-23.9994											
60°	626.5063	-23.0040	626.5037	-23.5060	626.5270	-23.9945											
45°	626.5058	-23.0044	626.5033	-23.5058	error 256	error 256											
11.00	626.5036	-23.0046	626.5021	-23.5049	626.5233	-23.9998	22.7	826	19	24.5	823	17	23	824	22	24.5	828.5
90°	626.5045	-23.0042	626.5028	-23.5053	626.5245	-23.9969											
60°	626.5043	-23.0047	626.5027	-23.5058	626.5255	-23.9936											
45°	626.5044	-23.0042	626.5028	-23.5055	error 256	error 256											
12.00	626.5030	-23.0040	626.5013	-23.5048	626.5233	-24.0007	23.7	826	18	27	822	14	23.5	823	22	26.5	828.2
90°	626.5039	-23.0043	626.5022	-23.5053	626.5254	-24.0026											
60°	626.5037	-23.0041	626.5020	-23.5060	626.5244	-24.0037											
45°	626.5040	-23.0040	626.5026	-23.5060	error 256	error 256											
13.00	626.5020	-23.0041	626.5001	-23.5052	626.5222	-23.9940	25.1	826	18	27.9	822	14	23.5	822	22	28.1	827.2
90°	626.5026	-23.0048	626.5013	-23.5045	626.5235	-24.0041											
60°	626.5029	-23.0044	626.5017	-23.5052	626.5234	-24.0019											
45°	626.5032	-23.0038	626.5016	-23.5054	error 256	error 256											
14.00	626.5009	-23.0049	626.4995	-23.5046	626.5215	-24.0129	26.4	826	17	28.5	820	11	24	822	21	29.2	827
90°	626.5027	-23.0043	626.5007	-23.5050	626.5227	-23.9901											
60°	626.5023	-23.0043	626.5014	-23.5060	626.5228	-24.0016											
45°	626.5021	-23.0041	626.5006	-23.5060	error 256	error 256											
15.00	626.5013	-23.0045	626.4992	-23.5056	626.5217	-24.0286	27.1	826	14	30	820	11	24.5	822	21	29.5	826.6
90°	626.5028	-23.0041	626.5005	-23.5054	626.5226	-24.0098											
60°	626.5030	-23.0047	626.5012	-23.5063	626.5226	-24.0061											
45°	626.5027	-23.0044	626.5009	-23.5057	error 256	error 256											
16.00	626.5007	-23.0047	626.4997	-23.5048	626.5207	-24.0048	27.2	827	14	30	820	11	25.5	821	21	29.7	826.5
90°	626.5015	-23.0039	626.5002	-23.5057	626.5214	-24.0158											
60°	626.5021	-23.0049	626.5003	-23.5050	626.5214	-24.0138											
45°	626.5019	-23.0051	626.5007	-23.5058	error 256	error 256											
17.00	626.5006	-23.0050	626.4993	-23.5049	626.5195	-24.0061	26.8	827	17	30.3	820	11	26.5	821	20	30	826.7
90°	626.5027	-23.0053	626.5005	-23.5050	626.5205	-24.0127											
60°	626.5027	-23.0053	626.5009	-23.5061	626.5202	-24.0070											
45°	626.5023	-23.0049	626.5005	-23.5059	error 256	error 256											
18.00	626.5015	-23.0050	626.5004	-23.5044	626.5225	-24.0103	25.3	833	15	28.3	820	15	26.5	822	20	28.3	826.9
90°	626.5023	-23.0053	626.5010	-23.5045	626.5239	-23.9879											
60°	626.5024	-23.0053	626.5010	-23.5052	626.5231	-23.9885											
45°	626.5028	-23.0052	626.5010	-23.5054	error 256	error 256											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
09/10/09	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5064	-23.0058	626.5048	-23.5047	626.5254	-24.0000	17.8	826	25	18.5	823	24	23.5	823	22	18.5	828.7
90°	626.5078	-23.0056	626.5063	-23.5056	error 256	error 256											
60°	626.5082	-23.0055	626.5062	-23.5055	626.5291	-23.9999											
45°	626.5076	-23.0053	626.5058	-23.5049	626.5290	-24.0065											
7.00	626.5064	-23.0055	626.5043	-23.5050	626.5251	-24.0069	19.4	826	32	20.2	824	33	23.5	824	22	20.2	829.2
90°	626.5084	-23.0056	626.5064	-23.5057	error 256	error 256											
60°	626.5082	-23.0056	626.5062	-23.5059	626.5278	-24.0053											
45°	626.5076	-23.0054	626.5061	-23.5050	error 256	error 256											
8.00	626.5060	-23.0058	626.5040	-23.5048	626.5249	-24.0086	20.2	827	32	20.4	824	42	23.5	824	23	20.1	829.3
90°	626.5079	-23.0055	626.5055	-23.5058	error 256	error 256											
60°	626.5082	-23.0056	626.5055	-23.5056	626.5255	-24.0070											
45°	626.5080	-23.0053	626.5050	-23.5050	error 256	error 256											
9.00	626.5060	-23.0057	626.5035	-23.5046	626.5243	-24.0034	22.2	827	33	20.8	824	39	24	824	23	21.1	829.3
90°	626.5071	-23.0054	626.5052	-23.5057	626.5274	-24.0134											
60°	626.5082	-23.0058	626.5053	-23.5055	626.5262	-24.0055											
45°	626.5073	-23.0052	626.5052	-23.5049	error 256	error 256											
10.00	626.5041	-23.0056	626.5024	-23.5047	626.5232	-24.0092	23.1	826	32	23.2	823	34	24	824	23	23.2	828.6
90°	626.5059	-23.0051	626.5041	-23.5055	626.5240	-24.0051											
60°	626.5060	-23.0054	626.5042	-23.5055	626.5248	-24.0034											
45°	626.5061	-23.0050	626.5038	-23.5051	error 256	error 256											
11.00	626.5031	-23.0054	626.5013	-23.5045	626.5232	-24.0104	24.6	827	32	24.9	823	32	24	824	24	25	829
90°	626.5048	-23.0052	626.5024	-23.5057	626.5245	-24.0267											
60°	626.5048	-23.0055	626.5031	-23.5057	626.5241	-24.0274											
45°	626.5048	-23.0050	626.5027	-23.5043	error 256	error 256											
12.00	626.5020	-23.0054	626.5004	-23.5045	626.5229	-24.0158	25.9	827	31	26.5	822	31	24	824	24	26.4	828.5
90°	626.5036	-23.0051	626.5020	-23.5053	626.5232	-24.0099											
60°	626.5040	-23.0055	626.5025	-23.5052	626.5234	-24.0113											
45°	626.5038	-23.0050	626.5020	-23.5043	error 256	error 256											
13.00	626.5032	-23.0053	626.5012	-23.5046	626.5221	-24.0053	27.1	827	28	26.5	822	29	24.5	823	24	26.1	828.4
90°	626.5049	-23.0052	626.5025	-23.5049	626.5242	-24.0061											
60°	626.5048	-23.0054	626.5028	-23.5048	626.5239	-24.0092											
45°	626.5048	-23.0052	626.5026	-23.5043	error 256	error 256											
14.00	626.5026	-23.0055	626.5011	-23.5042	626.5219	-24.0217	27.6	827	26	26.5	821	27	25	823	23	26.4	828
90°	626.5038	-23.0052	626.5020	-23.5050	626.5224	-24.0189											
60°	626.5045	-23.0051	626.5020	-23.5050	626.5232	-24.0202											
45°	626.5038	-23.0051	626.5022	-23.5044	626.5226	-24.0149											
15.00	626.5026	-23.0054	626.5013	-23.5050	626.5223	-24.0217	27	827	25	26.5	821	26	25.5	823	23	26	827.7
90°	626.5034	-23.0051	626.5028	-23.5054	error 256	error 256											
60°	626.5043	-23.0054	626.5029	-23.5051	626.5229	-24.0143											
45°	626.5035	-23.0047	626.5024	-23.5047	error 256	error 256											
16.00	626.5021	-23.0055	626.5009	-23.5045	626.5222	-24.0075	27	827	25	26.8	820	26	25.5	822	23	26.4	827.2

90°	626.5039	-23.0049	626.5023	-23.5056	626.5237	-24.0248											
60°	626.5038	-23.0053	626.5025	-23.5053	626.5230	-24.0181											
45°	626.5041	-23.0047	626.5023	-23.5052	error 256	error 256											
17.00	626.5026	-23.0055	626.5019	-23.5046	626.5229	-24.0179	25	827	27	25	821	30	26	822	23	24.8	827.5
90°	626.5035	-23.0053	626.5033	-23.5059	626.5243	-24.0195											
60°	626.5038	-23.0057	626.5031	-23.5054	626.5247	-24.0242											
45°	626.5039	-23.0051	626.5032	-23.5045	error 256	error 256											
18.00	626.5030	-23.0058	626.5024	-23.5042	626.5230	-24.0064	24.8	832	27	24.9	821	28	25.5	822	23	24.7	827.4
90°	626.5048	-23.0054	626.5036	-23.5057	626.5257	-23.9946											
60°	626.5047	-23.0056	626.5038	-23.5055	626.5258	-24.0207											
45°	626.5046	-23.0053	626.5033	-23.5050	626.5244	-24.0357											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
10/10/09	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5080	-23.0062	626.5057	-23.5055	626.5266	-24.0092	17.4	827	57	16.7	825	67	24	825	29	16.3	830.6
90°	626.5098	-23.0056	626.5074	-23.5059	626.5279	-24.0169											
60°	626.5097	-23.0054	626.5072	-23.5057	626.5279	-24.0177											
45°	626.5095	-23.0052	626.5072	-23.5058	error 256	error 256											
7.00	626.5079	-23.0060	626.5050	-23.5048	626.5261	-24.0086	18.5	828	54	16.9	825	66	24	826	29	16.7	831
90°	626.5098	-23.0056	626.5072	-23.5057	626.5254	-24.0042											
60°	626.5095	-23.0053	626.5074	-23.5058	626.5275	-24.0195											
45°	626.5094	-23.0057	626.5071	-23.5061	error 256	error 256											
8.00	626.5075	-23.0058	626.5046	-23.5046	626.5253	-24.0087	18.6	828	45	17.5	826	63	24	826	30	17.7	831.1
90°	626.5090	-23.0053	626.5070	-23.5055	626.5265	-24.0070											
60°	626.5093	-23.0051	626.5071	-23.5054	626.5261	-24.0094											
45°	626.5095	-23.0055	626.5070	-23.5058	error 256	error 256											
9.00	626.5067	-23.0057	626.5045	-23.5043	626.5241	-24.0080	19.3	828	43	20.2	825	53	24	826	30	19.6	831.2
90°	626.5079	-23.0053	626.5065	-23.5055	error 256	error 256											
60°	626.5078	-23.0053	626.5063	-23.5059	626.5256	-24.0131											
45°	626.5079	-23.0054	626.5059	-23.5060	error 256	error 256											
10.00	626.5056	-23.0055	626.5042	-23.5047	626.5242	-24.0112	21.2	829	36	21	825	46	24	826	30	21.3	831.3
90°	626.5070	-23.0051	626.5055	-23.5056	error 256	error 256											
60°	626.5071	-23.0052	626.5055	-23.5052	626.5254	-24.0134											
45°	626.5071	-23.0050	626.5054	-23.5059	error 256	error 256											
11.00	626.5042	-23.0055	626.5027	-23.5044	626.5238	-24.0057	23.9	829	33	23.4	825	40	24	826	30	23.4	831
90°	626.5059	-23.0045	626.5047	-23.5051	error 256	error 256											
60°	626.5059	-23.0046	626.5048	-23.5054	626.5252	-24.0023											
45°	626.5058	-23.0046	626.5045	-23.5058	error 256	error 256											
12.00	626.5033	-23.0055	626.5026	-23.5047	626.5234	-24.0128	25.9	829	30	25	824	35	24.5	826	30	25.2	830.5
90°	626.5055	-23.0043	626.5045	-23.5057	error 256	error 256											
60°	626.5056	-23.0042	626.5044	-23.5056	626.5247	-24.0070											

45°	626.5055	-23.0044	626.5041	-23.5060	626.5221	-24.0042											
13.00	626.5034	-23.0055	626.5021	-23.5045	626.5231	-24.0121	26	829	29	25.5	824	31	24.5	825	30	25.6	830
90°	626.5054	-23.0043	626.5039	-23.5054	error 256	error 256											
60°	626.5053	-23.0043	626.5039	-23.5055	626.5247	-24.0088											
45°	626.5056	-23.0045	626.5040	-23.5059	error 256	error 256											
14.00	626.5031	-23.0052	626.5016	-23.5048	626.5228	-24.0099	26.1	829	29	26.7	823	30	25	825	28	26.1	829.4
90°	626.5052	-23.0036	626.5035	-23.5054	626.5240	-24.0135											
60°	626.5050	-23.0036	626.5036	-23.5053	626.5248	-24.0156											
45°	626.5050	-23.0043	626.5032	-23.5056	error 256	error 256											
15.00	626.5021	-23.0054	626.5006	-23.5047	626.5222	-24.0097	27.4	828	29	27	821	29	25.5	823	26	26.9	828.2
90°	626.5047	-23.0039	626.5026	-23.5058	626.5254	-24.0256											
60°	626.5047	-23.0030	626.5026	-23.5057	626.5236	-24.0228											
45°	626.5047	-23.0041	626.5026	-23.5056	error 256	error 256											
16.00	626.5028	-23.0055	626.5019	-23.5048	626.5228	-24.0135	26.1	828	29	26.1	822	31	25.5	823	27	24.9	828.4
90°	626.5048	-23.0042	626.5034	-23.5056	error 256	error 256											
60°	626.5046	-23.0041	626.5036	-23.5056	626.5242	-24.0185											
45°	626.5052	-23.0047	626.5035	-23.5059	626.5175	-24.0158											
17.00	626.5033	-23.0057	626.5024	-23.5048	626.5230	-24.0083	25.8	828	33	25.6	823	39	25.5	824	27	24	828.9
90°	626.5054	-23.0044	626.5039	-23.5052	error 256	error 256											
60°	626.5054	-23.0043	626.5035	-23.5049	626.5243	-24.0056											
45°	626.5055	-23.0046	626.5037	-23.5054	error 256	error 256											
18.00	626.5054	-23.0056	626.5046	-23.5044	626.5247	-24.0117	22.7	828	38	22.9	824	41	25	825	28	23	829.9
90°	626.5069	-23.0044	626.5058	-23.5050	626.5245	-24.0074											
60°	626.5069	-23.0040	626.5058	-23.5052	626.5263	-24.0285											
45°	626.5069	-23.0048	626.5056	-23.5051	error 256	error 256											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
11/10/09	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5082	-23.0058	626.5067	-23.5053	626.5281	-24.0001	16.6	827	72	15.4	825	76	23.5	826	32	15.4	831
90°	626.5098	-23.0059	626.5085	-23.5059	error 256	error 256											
60°	626.5101	-23.0056	626.5087	-23.5057	626.5327	-24.0077											
45°	626.5100	-23.0058	626.5082	-23.5056	error 256	error 256											
7.00	626.5081	-23.0056	626.5066	-23.5048	626.5281	-23.9970	17.5	828	68	15.5	825	78	24	826	32	15.7	831
90°	626.5097	-23.0059	626.5085	-23.5062	error 256	error 256											
60°	626.5097	-23.0053	626.5087	-23.5056	626.5310	-24.0174											
45°	626.5093	-23.0055	626.5082	-23.5059	error 256	error 256											
8.00	626.5082	-23.0056	626.5066	-23.5052	626.5283	-23.9960	17.6	828	64	15.5	825	78	24	826	32	15.9	831.5
90°	626.5097	-23.0056	626.5078	-23.5059	error 256	error 256											
60°	626.5098	-23.0053	626.5080	-23.5056	626.5284	-23.9985											
45°	626.5093	-23.0054	626.5078	-23.5058	error 256	error 256											
9.00	626.5071	-23.0054	626.5061	-23.5049	626.5277	-24.0036	17.5	825	57	16.9	825	73	24	826	32	16.8	831.2

90°	626.5091	-23.0053	626.5080	-23.5063	626.5290	-24.0057											
60°	626.5094	-23.0047	626.5081	-23.5063	626.5289	-24.0008											
45°	626.5094	-23.0054	626.5076	-23.5059	626.5257	-23.9960											
10.00	626.5080	-23.0051	626.5058	-23.5046	626.5276	-24.0073	17.2	829	53	17.1	826	71	24	827	33	17.2	831.9
90°	626.5099	-23.0051	626.5077	-23.5058	626.5291	-24.0074											
60°	626.5098	-23.0053	626.5077	-23.5058	626.5283	-24.0049											
45°	626.5093	-23.0051	626.5075	-23.5057	error 256	error 256											
11.00	626.5080	-23.0045	626.5057	-23.5046	626.5278	-24.0014	17.7	830	50	17.2	826	70	24	827	33	17.5	832.3
90°	626.5099	-23.0048	626.5075	-23.5058	626.5283	-24.0000											
60°	626.5098	-23.0047	626.5073	-23.5061	626.5283	-23.9996											
45°	626.5098	-23.0049	626.5073	-23.5055	error 256	error 256											
12.00	626.5075	-23.0051	626.5055	-23.5046	626.5274	-24.0014	17.7	830	50	17.2	826	70	24	827	33	17.5	832.3
90°	626.5092	-23.0052	626.5072	-23.5060	626.5263	-24.0000											
60°	626.5093	-23.0048	626.5071	-23.5053	626.5270	-23.9996											
45°	626.5094	-23.0054	626.5070	-23.5055	error 256	error 256											
13.00	626.5068	-23.0048	626.5049	-23.5054	626.5260	-24.0020	19.3	829	43	20	825	54	23.5	826	33	19.3	831.5
90°	626.5080	-23.0053	626.5068	-23.5063	626.5279	-24.0038											
60°	626.5082	-23.0056	626.5065	-23.5053	626.5274	-24.0075											
45°	626.5083	-23.0057	626.5063	-23.5057	error 256	error 256											
14.00	626.5066	-23.0048	626.5047	-23.5055	626.5256	-24.0091	20.1	829	41	20.2	824	53	24	826	32	19.8	830.5
90°	626.5080	-23.0049	626.5064	-23.5058	626.5279	-24.0096											
60°	626.5080	-23.0054	626.5065	-23.5057	626.5270	-24.0089											
45°	626.5080	-23.0057	626.5062	-23.5057	626.5258	-24.0168											
15.00	626.5058	-23.0045	626.5042	-23.5045	626.5256	-24.0060	20.5	827	40	20.3	823	50	24	824	32	20	829.1
90°	626.5080	-23.0052	626.5061	-23.5060	error 256	error 256											
60°	626.5080	-23.0052	626.5060	-23.5058	626.5270	-24.0028											
45°	626.5079	-23.0053	626.5060	-23.5062	error 256	error 256											
16.00	626.5058	-23.0046	626.5041	-23.5053	626.5261	-24.0062	20.7	826	42	20.5	822	49	24	823	31	20.4	828.2
90°	626.5076	-23.0049	626.5060	-23.5060	626.5279	-24.0003											
60°	626.5076	-23.0051	626.5060	-23.5056	626.5279	-24.0009											
45°	626.5074	-23.0051	626.5054	-23.5055	error 256	error 256											
17.00	626.5058	-23.0047	626.5041	-23.5048	626.5257	-24.0062	20.1	826	44	20.3	822	54	24	823	31	20.1	828.2
90°	626.5079	-23.0058	626.5059	-23.5061	error 256	error 256											
60°	626.5080	-23.0055	626.5059	-23.5054	626.5276	-24.0024											
45°	626.5079	-23.0053	626.5056	-23.5056	error 256	error 256											
18.00	626.5062	-23.0050	626.5046	-23.5050	626.5259	-24.0022	19.8	825	46	20.2	822	50	23.5	823	32	19.9	828.2
90°	626.5080	-23.0051	626.5061	-23.5054	error 256	error 256											
60°	626.5080	-23.0052	626.5061	-23.5052	626.5267	-24.0034											
45°	626.5080	-23.0057	626.5059	-23.5059	error 256	error 256											

Date		Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
12/10/09		4.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time		HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng	6.00	626.5088	-23.0057	626.5073	-23.5056	626.5292	-24.0069	15.5	825	84	14.7	824	89	22	824	41	14.2	828.9
	90°	626.5108	-23.0058	626.5091	-23.5058	626.5310	-24.0050											
	60°	626.5113	-23.0053	626.5093	-23.5051	626.5317	-24.0049											
	45°	626.5115	-23.0059	626.5097	-23.5059	error 256	error 256											
	7.00	626.5087	-23.0057	626.5067	-23.5053	626.5284	-24.0051	16.3	824	77	15.6	822	89	22	823	40	14.3	827.9
	90°	626.5113	-23.0056	626.5084	-23.5041	626.5302	-24.0110											
	60°	626.5115	-23.0050	626.5088	-23.5057	626.5292	-24.0140											
	45°	626.5110	-23.0058	626.5091	-23.5050	626.5316	-24.0173											
	8.00	626.5085	-23.0054	626.5063	-23.5044	626.5283	-24.0027	17.3	824	71	16.2	822	80	22.5	822	40	15.5	827.9
	90°	626.5106	-23.0059	626.5083	-23.5053	626.5290	-24.0010											
	60°	626.5115	-23.0045	626.5083	-23.5060	626.5290	-24.0030											
	45°	626.5114	-23.0057	626.5087	-23.5060	626.5309	-24.0048											
	9.00	626.5084	-23.0053	626.5061	-23.5060	626.5276	-24.0097	18.2	824	63	17.5	823	74	22.5	823	40	16.4	828
	90°	626.5105	-23.0057	626.5078	-23.5048	626.5312	-24.0108											
	60°	626.5109	-23.0045	626.5080	-23.5060	626.5289	-24.0125											
	45°	626.5106	-23.0057	626.5080	-23.5053	626.5275	-24.0167											
	10.00	626.5079	-23.0055	626.5056	-23.5060	626.5273	-24.0064	18.4	825	56	18	822	69	22.5	823	39	17.3	828.1
	90°	626.5103	-23.0057	626.5073	-23.5049	626.5291	-24.0033											
	60°	626.5102	-23.0046	626.5075	-23.5055	626.5279	-24.0084											
	45°	626.5105	-23.0058	626.5073	-23.5044	626.5309	-24.0093											
	11.00	626.5067	-23.0052	626.5043	-23.5055	626.5259	-24.0093	20	825	48	19.8	822	64	23	823	39	19.2	827.4
	90°	626.5090	-23.0056	626.5063	-23.5054	626.5308	-24.0086											
	60°	626.5096	-23.0043	626.5064	-23.5044	626.5265	-24.0102											
	45°	626.5098	-23.0056	626.5067	-23.5060	626.5257	-24.0122											
	12.00	626.5062	-23.0056	626.5038	-23.5045	626.5253	-24.0053	21.2	824	47	20.8	821	59	23	822	38	20.6	826.7
	90°	626.5085	-23.0056	626.5058	-23.5049	626.5268	-24.0067											
	60°	626.5085	-23.0046	626.5059	-23.5054	626.5262	-24.0019											
	45°	626.5085	-23.0057	626.5060	-23.5049	626.5259	-23.9999											
	13.00	626.5052	-23.0048	626.5029	-23.5052	626.5251	-24.0085	23.4	823	45	22.6	820	50	23.5	821	38	22.2	825.3
	90°	626.5073	-23.0056	626.5050	-23.5053	626.5270	-24.0005											
	60°	626.5080	-23.0040	626.5050	-23.5060	626.5271	-23.9703											
	45°	626.5079	-23.0057	626.5050	-23.5054	626.5250	-24.0064											
	14.00	626.5049	-23.0053	626.5025	-23.5059	626.5255	-24.0094	23.3	823	45	22.5	819	51	23.5	820	38	22	825.2
	90°	626.5076	-23.0053	626.5047	-23.5060	626.5265	-24.0065											
	60°	626.5075	-23.0043	626.5043	-23.5057	626.5269	-24.0023											
	45°	626.5079	-23.0055	626.5046	-23.5060	626.5261	-23.9905											
	15.00	626.5048	-23.0054	626.5026	-23.5060	626.5244	-24.0084	23.6	823	44	22.6	818	48	23.5	820	37	22.1	825.1
	90°	626.5067	-23.0059	626.5045	-23.5044	626.5271	-24.0199											
	60°	626.5071	-23.0039	626.5045	-23.5059	626.5266	-24.0346											
	45°	626.5076	-23.0056	626.5045	-23.5062	error 256	error 256											
	16.00	626.5034	-23.0052	626.5018	-23.5063	626.5244	-24.0084	24.4	823	43	23.3	818	47	24	819	36	23.3	824.1

90°	626.5062	-23.0058	626.5040	-23.5053	error 256	error 256												
60°	626.5064	-23.0040	626.5044	-23.5035	626.5253	-24.0156												
45°	626.5068	-23.0055	626.5044	-23.5040	error 256	error 256												
17.00	626.5038	-23.0052	626.5020	-23.5046	626.5242	-24.0038	23.6	823	44	23.4	817	45	24.5	819	35	23.5	824.1	
90°	626.5060	-23.0058	626.5041	-23.5056	626.5273	-24.0160												
60°	626.5064	-23.0036	626.5042	-23.5045	626.5258	-24.0118												
45°	626.5063	-23.0056	626.5041	-23.5061	error 256	error 256												
18.00	626.5058	-23.0052	626.5033	-23.5051	626.5244	-24.0054	20.7	823	53	20.5	818	59	24.5	819	35	20.7	824.6	
90°	626.5078	-23.0057	626.5049	-23.5065	626.5260	-24.0065												
60°	626.5085	-23.0035	626.5052	-23.5060	626.5250	-24.0036												
45°	626.5078	-23.0055	626.5052	-23.5057	626.5206	-24.0089												

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
13/10/09	4.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5096	-23.0060	626.5068	-23.5055	626.5294	-24.0094	13.9	824	59	13.2	822	61	22	822	34	13.8	827.8
90°	626.5119	-23.0061	626.5086	-23.5058	626.5322	-24.0134											
60°	626.5121	-23.0057	626.5092	-23.5056	626.5304	-24.0107											
45°	626.5120	-23.0059	626.5089	-23.5057	error 256	error 256											
7.00	626.5095	-23.0060	626.5067	-23.5090	626.5274	-24.0065	15.1	824	56	14.5	822	58	22.5	823	33	14.6	828.1
90°	626.5119	-23.0058	626.5085	-23.5063	626.5297	-24.0048											
60°	626.5123	-23.0070	626.5086	-23.5052	626.5292	-24.0040											
45°	626.5122	-23.0064	626.5089	-23.5060	error 256	error 256											
8.00	626.5094	-23.0053	626.5063	-23.5048	626.5283	-24.0039	16.7	825	43	15.9	823	64	22.5	823	33	15.4	828.6
90°	626.5117	-23.0055	626.5085	-23.5052	626.5318	-24.0043											
60°	626.5117	-23.0054	626.5086	-23.5042	626.5316	-24.0103											
45°	626.5117	-23.0057	626.5087	-23.5060	error 256	error 256											
9.00	626.5091	-23.0054	626.5058	-23.5051	626.5278	-24.0041	17.3	826	51	17.6	823	56	22.5	824	33	17.2	828.7
90°	626.5104	-23.0051	626.5079	-23.5050	626.5300	-24.0063											
60°	626.5107	-23.0057	626.5081	-23.5060	626.5299	-24.0014											
45°	626.5114	-23.0059	626.5081	-23.5050	error 256	error 256											
10.00	626.5075	-23.0056	626.5048	-23.5048	626.5264	-24.0100	17.9	826	50	19.1	823	51	22.5	824	33	18.5	828.7
90°	626.5100	-23.0053	626.5069	-23.5048	626.5306	-24.0114											
60°	626.5100	-23.0057	626.5071	-23.5057	626.5299	-24.0137											
45°	626.5104	-23.0055	626.5071	-23.5057	error 256	error 256											
11.00	626.5063	-23.0053	626.5035	-23.5055	626.5262	-24.0095	19.3	825	49	20.6	822	49	22.5	823	33	20.2	828.3
90°	626.5085	-23.0050	626.5058	-23.5040	626.5283	-24.0077											
60°	626.5086	-23.0056	626.5059	-23.5050	626.5277	-24.0067											
45°	626.5085	-23.0036	626.5062	-23.5057	error 256	error 256											
12.00	626.5054	-23.0056	626.5032	-23.5055	626.5244	-24.0076	20.5	825	45	21.5	822	42	23	823	33	20.9	827.8
90°	626.5072	-23.0048	626.5045	-23.5060	626.5289	-24.0022											
60°	626.5071	-23.0055	626.5049	-23.5054	626.5263	-24.0022											

45°	626.5071	-23.0058	626.5052	-23.5057	error 256	error 256											
13.00	626.5042	-23.0057	626.5024	-23.5053	626.5244	-24.0007	21.9	825	42	22.9	821	38	23	822	33	23.3	827.2
90°	626.5069	-23.0049	626.5045	-23.5042	626.5275	-24.0102											
60°	626.5068	-23.0057	626.5045	-23.5050	626.5271	-24.0057											
45°	626.5071	-23.0061	626.5045	-23.5047	error 256	error 256											
14.00	626.5039	-23.0056	626.5012	-23.5054	626.5240	-24.0077	23.3	825	36	24.8	821	33	23.5	822	32	25.1	826.7
90°	626.5063	-23.0045	626.5039	-23.5048	626.5262	-24.0020											
60°	626.5066	-23.0056	626.5037	-23.5054	626.5267	-24.0054											
45°	626.5065	-23.0056	626.5039	-23.5052	error 256	error 256											
15.00	626.5039	-23.0054	626.5017	-23.5057	626.5234	-24.0088	23.9	825	33	25.4	820	28	24	821	30	25.9	826.4
90°	626.5063	-23.0051	626.5033	-23.5056	626.5263	-24.0141											
60°	626.5064	-23.0055	626.5036	-23.5061	626.5260	-24.0067											
45°	626.5066	-23.0058	626.5035	-23.5055	error 256	error 256											
16.00	626.5030	-23.0053	626.5008	-23.5054	626.5218	-24.0060	23.9	826	31	26	820	23	24	822	28	26.9	826.4
90°	626.5049	-23.0046	626.5030	-23.5060	626.5237	-24.0095											
60°	626.5053	-23.0035	626.5031	-23.5022	626.5240	-24.0040											
45°	626.5053	-23.0058	626.5033	-23.5050	error 256	error 256											
17.00	626.5037	-23.0055	626.5011	-23.5059	626.5209	-24.0054	23.8	827	30	25.6	820	22	25	822	27	26.4	826.6
90°	626.5053	-23.0048	626.5029	-23.5053	626.5246	-24.0020											
60°	626.5054	-23.0054	626.5032	-23.5041	626.5240	-24.0074											
45°	626.5057	-23.0058	626.5032	-23.5058	error 256	error 256											
18.00	626.5038	-23.0052	626.5013	-23.5061	626.5221	-24.0061	22.7	833	31	25.3	820	23	25.5	822	25	25.9	827
90°	626.5057	-23.0050	626.5031	-23.5058	626.5253	-24.0087											
60°	626.5057	-23.0056	626.5030	-23.5050	626.5249	-24.0114											
45°	626.5058	-23.0057	626.5034	-23.5053	error 256	error 256											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
14/10/09	4.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5089	-23.0057	626.5062	-23.5062	626.5284	-24.0023	16.3	826	72	17.7	823	70	22.5	824	33	17.3	829
90°	626.5107	-23.0054	626.5086	-23.5041	626.5300	-24.0050											
60°	626.5110	-23.0045	626.5088	-23.5049	626.5297	-24.0059											
45°	626.5112	-23.0052	626.5087	-23.5061	error 256	error 256											
7.00	626.5091	-23.0056	626.5063	-23.5053	626.5268	-24.0059	17.2	827	72	16.5	824	80	23	825	33	16.5	829.9
90°	626.5107	-23.0053	626.5084	-23.5058	626.5290	-24.0077											
60°	626.5116	-23.0045	626.5085	-23.5060	626.5292	-24.0066											
45°	626.5116	-23.0050	626.5088	-23.5053	error 256	error 256											
8.00	626.5085	-23.0058	626.5060	-23.5057	626.5261	-24.0092	17.6	828	71	17.8	825	79	23	825	34	17.3	830.3
90°	626.5113	-23.0052	626.5081	-23.5056	626.5304	-24.0057											
60°	626.5116	-23.0039	626.5084	-23.5051	626.5293	-24.0056											
45°	626.5115	-23.0050	626.5082	-23.5061	error 256	error 256											
9.00	626.5071	-23.0058	626.5053	-23.5057	626.5266	-24.0033	18.6	829	68	18.3	825	75	23.5	825	36	18.4	830.6

90°	626.5098	-23.0054	626.5068	-23.5058	626.5297	-24.0016											
60°	626.5101	-23.0041	626.5074	-23.5050	626.5295	-24.0020											
45°	626.5105	-23.0046	626.5075	-23.5052	error 256	error 256											
10.00	626.5065	-23.0056	626.5044	-23.5060	626.5265	-24.0040	20.9	828	54	20.5	825	66	23.5	825	37	20.2	830.4
90°	626.5090	-23.0053	626.5066	-23.5058	626.5294	-24.0056											
60°	626.5095	-23.0044	626.5065	-23.5059	626.5292	-24.0037											
45°	626.5092	-23.0048	626.5069	-23.5044	error 256	error 256											
11.00	626.5061	-23.0055	626.5031	-23.5055	626.5263	-24.0056	21.5	827	52	21.2	824	58	23.5	825	37	21.4	829.9
90°	626.5081	-23.0051	626.5056	-23.5060	626.5288	-24.0032											
60°	626.5082	-23.0047	626.5056	-23.5056	626.5289	-24.0034											
45°	626.5082	-23.0047	626.5059	-23.5054	error 256	error 256											
12.00	626.5052	-23.0055	626.5027	-23.5055	626.5258	-24.0081	23	828	49	22.7	824	53	23.5	825	38	23	829.7
90°	626.5073	-23.0049	626.5056	-23.5050	626.5296	-24.0043											
60°	626.5072	-23.0036	626.5052	-23.5053	626.5297	-23.9999											
45°	626.5074	-23.0045	626.5056	-23.5053	error 256	error 256											
13.00	626.5046	-23.0056	626.5023	-23.5061	626.5246	-24.0042	23.8	827	46	24.5	823	46	24	824	36	24.6	829
90°	626.5068	-23.0052	626.5046	-23.5059	626.5282	-24.0002											
60°	626.5073	-23.0041	626.5046	-23.5055	626.5277	-24.0003											
45°	626.5072	-23.0045	626.5049	-23.5060	error 256	error 256											
14.00	626.5044	-23.0056	626.5020	-23.5061	626.5244	-24.0034	25.4	827	40	25.2	822	39	24	824	35	25.5	828.5
90°	626.5066	-23.0053	626.5037	-23.5054	626.5276	-24.0095											
60°	626.5064	-23.0040	626.5039	-23.5060	626.5269	-24.0025											
45°	626.5063	-23.0046	626.5040	-23.5057	error 256	error 256											
15.00	626.5040	-23.0057	626.5013	-23.5053	626.5235	-24.0064	26.8	828	37	26.1	821	39	24.5	823	34	26	828
90°	626.5058	-23.0051	626.5035	-23.5049	626.5276	-24.0073											
60°	626.5061	-23.0035	626.5036	-23.5060	626.5265	-24.0089											
45°	626.5061	-23.0044	626.5035	-23.5049	error 256	error 256											
16.00	626.5038	-23.0058	626.5010	-23.5053	626.5232	-24.0034	26	828	38	25.7	821	38	25	823	33	26.1	827.6
90°	626.5056	-23.0049	626.5038	-23.5051	626.5259	-24.0081											
60°	626.5057	-23.0044	626.5038	-23.5055	626.5245	-24.0091											
45°	626.5058	-23.0047	626.5035	-23.5059	error 256	error 256											
17.00	626.5033	-23.0054	626.5013	-23.5058	626.5220	-24.0052	25.6	829	40	26.7	821	37	25.5	823	32	26.9	827.6
90°	626.5053	-23.0053	626.5033	-23.5059	626.5247	-24.0075											
60°	626.5052	-23.0037	626.5034	-23.5055	626.5240	-24.0076											
45°	626.5053	-23.0041	626.5032	-23.5061	error 256	error 256											
18.00	626.5043	-23.0056	626.5022	-23.5055	626.5237	-24.0093	23.9	832	42	24.9	821	41	25.5	823	32	25.1	828.1
90°	626.5062	-23.0053	626.5038	-23.5039	626.5264	-24.0078											
60°	626.5066	-23.0036	626.5040	-23.5042	626.5254	-24.0054											
45°	626.5068	-23.0045	626.5041	-23.5047	error 256	error 256											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
15/10/09	5.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5103	-23.0057	626.5071	-23.5052	626.5279	-24.0007	15.2	827	73	13.6	824	78	23	825	35	13.7	830.2
90°	626.5130	-23.0053	626.5095	-23.5059	error 256	error 256											
60°	626.5130	-23.0034	626.5097	-23.5061	626.5336	-23.9744											
45°	626.5137	-23.0047	626.5101	-23.5051	error 256	error 256											
7.00	626.5098	-23.0061	626.5073	-23.5060	626.5285	-24.0056	16.4	827	69	14.6	825	79	23	825	35	14.4	830.7
90°	626.5131	-23.0054	626.5096	-23.5052	error 256	error 256											
60°	626.5135	-23.0061	626.5097	-23.5061	626.5326	-24.0006											
45°	626.5144	-23.0041	626.5102	-23.5059	error 256	error 256											
8.00	626.5089	-23.0055	626.5065	-23.5059	626.5276	-24.0019	16.6	828	65	16.2	825	75	23.5	826	35	15.8	830.9
90°	626.5123	-23.0055	626.5088	-23.5058	error 256	error 256											
60°	626.5131	-23.0046	626.5092	-23.5059	626.5333	-24.0016											
45°	626.5130	-23.0049	626.5096	-23.5056	error 256	error 256											
9.00	626.5079	-23.0058	626.5057	-23.5058	626.5263	-24.0029	17.9	828	60	18.2	825	68	23.5	826	35	18	830.8
90°	626.5116	-23.0046	626.5080	-23.5057	error 256	error 256											
60°	626.5117	-23.0050	626.5084	-23.5060	626.5313	-24.0028											
45°	626.5121	-23.0053	626.5088	-23.5056	error 256	error 256											
10.00	626.5072	-23.0059	626.5046	-23.5046	626.5287	-24.0062	20	828	56	20.4	825	61	23.5	826	35	15.8	830.7
90°	626.5099	-23.0056	626.5071	-23.5045	error 256	error 256											
60°	626.5099	-23.0054	626.5076	-23.5046	626.5300	-24.0097											
45°	626.5102	-23.0059	626.5079	-23.5045	error 256	error 256											
11.00	626.5058	-23.0059	626.5033	-23.5056	626.5265	-24.0019	21.6	829	45	21.9	825	58	24	825	35	21.1	830.8
90°	626.5089	-23.0048	626.5067	-23.5059	error 256	error 256											
60°	626.5090	-23.0059	626.5065	-23.5052	626.5303	-24.0088											
45°	626.5090	-23.0048	626.5071	-23.5056	error 256	error 256											
12.00	626.5048	-23.0055	626.5031	-23.5055	626.5257	-24.0069	23.1	828	44	22.5	824	51	24	825	39	22.5	830
90°	626.5078	-23.0057	626.5060	-23.5060	error 256	error 256											
60°	626.5078	-23.0055	626.5060	-23.5048	626.5304	-24.0069											
45°	626.5086	-23.0052	626.5062	-23.5040	error 256	error 256											
13.00	626.5036	-23.0044	626.5026	-23.5058	626.5245	-24.0015	24.5	828	41	24.4	823	43	24	824	34	24.3	829.1
90°	626.5071	-23.0052	626.5050	-23.5051	error 256	error 256											
60°	626.5075	-23.0047	626.5053	-23.5058	626.5299	-24.0020											
45°	626.5081	-23.0044	626.5055	-23.5042	error 256	error 256											
14.00	626.5037	-23.0055	626.5019	-23.5060	626.5236	-24.0021	25.1	828	35	25.6	822	40	24	824	33	25	828.5
90°	626.5074	-23.0048	626.5047	-23.5056	error 256	error 256											
60°	626.5071	-23.0049	626.5049	-23.5052	626.5268	-24.0046											
45°	626.5075	-23.0053	626.5056	-23.5061	error 256	error 256											
15.00	626.5033	-23.0059	626.5016	-23.5055	626.5237	-24.0032	25.9	828	35	26.1	821	40	24.5	823	33	26	828
90°	626.5070	-23.0047	626.5044	-23.5051	error 256	error 256											
60°	626.5070	-23.0056	626.5047	-23.5058	626.5291	-23.9998											
45°	626.5073	-23.0053	626.5052	-23.5058	error 256	error 256											
16.00	626.5037	-23.0047	626.5015	-23.5061	626.5250	-24.0140	24.5	828	34	24.6	821	40	24.5	823	32	24.8	827.9

90°	626.5070	-23.0053	626.5047	-23.5061	error 256	error 256												
60°	626.5071	-23.0059	626.5046	-23.5058	626.5279	-24.0168												
45°	626.5074	-23.0052	626.5050	-23.5060	error 256	error 256												
17.00	626.5038	-23.0050	626.5010	-23.5059	626.5234	-24.0041	25.4	828	33	26	821	36	25.5	823	24	25.7	827.9	
90°	626.5068	-23.0048	626.5038	-23.5062	error 256	error 256												
60°	626.5065	-23.0055	626.5039	-23.5061	626.5275	-24.0019												
45°	626.5070	-23.0059	626.5040	-23.5053	error 256	error 256												
18.00	626.5040	-23.0046	626.5019	-23.5057	626.5235	-24.0048	24.6	829	37	24.3	822	40	25	823	29	24	828.2	
90°	626.5072	-23.0051	626.5043	-23.5056	error 256	error 256												
60°	626.5074	-23.0043	626.5045	-23.5061	626.5292	-24.0044												
45°	626.5077	-23.0044	626.5053	-23.5054	error 256	error 256												

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
16/10/09	5.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5067	-23.0049	626.5048	-23.5047	626.5279	-24.0038	18.2	826	60	19.7	823	61	24	824	33	19.2	829.3
90°	626.5097	-23.0046	626.5075	-23.5044	error 256	error 256											
60°	626.5099	-23.0035	626.5074	-23.5046	626.5329	-24.0046											
45°	626.5102	-23.0047	626.5081	-23.5041	error 256	error 256											
7.00	626.5067	-23.0045	626.5043	-23.5057	626.5255	-24.0060	20.1	827	56	20.2	824	60	24	824	33	20	829.4
90°	626.5094	-23.0044	626.5067	-23.5054	error 256	error 256											
60°	626.5096	-23.0042	626.5071	-23.5047	626.5313	-24.0035											
45°	626.5095	-23.0039	626.5076	-23.5058	error 256	error 256											
8.00	626.5069	-23.0042	626.5048	-23.5050	626.5265	-24.0090	19.7	828	62	19.9	824	66	24	825	34	19	830
90°	626.5103	-23.0047	626.5078	-23.5044	error 256	error 256											
60°	626.5102	-23.0037	626.5074	-23.5050	626.5313	-24.0111											
45°	626.5108	-23.0033	626.5078	-23.5060	error 256	error 256											
9.00	626.5055	-23.0031	626.5040	-23.5052	626.5258	-24.0097	20.6	828	42	21.6	824	56	24	825	34	20.8	830.2
90°	626.5088	-23.0032	626.5065	-23.5052	error 256	error 256											
60°	626.5092	-23.0046	626.5069	-23.5059	626.5309	-24.0112											
45°	626.5090	-23.0036	626.5067	-23.5056	error 256	error 256											
10.00	626.5048	-23.0031	626.5034	-23.5060	626.5258	-24.0119	22.1	828	41	21.5	824	49	24	825	34	22.8	830.1
90°	626.5084	-23.0043	626.5058	-23.5055	error 256	error 256											
60°	626.5086	-23.0038	626.5059	-23.5052	626.5294	-24.0137											
45°	626.5084	-23.0045	626.5063	-23.5058	error 256	error 256											
11.00	626.5045	-23.0048	626.5026	-23.5062	626.5228	-24.0019	23.7	829	36	22.7	823	45	24.5	825	33	23.1	829.6
90°	626.5081	-23.0039	626.5055	-23.5046	error 256	error 256											
60°	626.5085	-23.0037	626.5056	-23.5050	626.5295	-24.0061											
45°	626.5084	-23.0035	626.5062	-23.5057	error 256	error 256											
12.00	626.5044	-23.0041	626.5026	-23.5048	626.5249	-24.0061	24.8	828	35	24.2	823	40	24.5	824	32	24.6	829.3
90°	626.5069	-23.0035	626.5049	-23.5059	error 256	error 256											
60°	626.5070	-23.0042	626.5049	-23.5059	626.5299	-24.0029											

45°	626.5078	-23.0035	626.5057	-23.5058	error 256	error 256											
13.00	626.5038	-23.0043	626.5020	-23.5041	626.5235	-24.0023	26.5	828	31	26.7	822	35	24.5	824	31	26	828.7
90°	626.5067	-23.0052	626.5047	-23.5060	error 256	error 256											
60°	626.5071	-23.0042	626.5048	-23.5055	626.5284	-24.0039											
45°	626.5072	-23.0048	626.5052	-23.5056	error 256	error 256											
14.00	626.5035	-23.0039	626.5014	-23.5036	626.5243	-24.0097	26	828	30	26	821	33	25	823	31	25.7	828.1
90°	626.5061	-23.0039	626.5041	-23.5042	error 256	error 256											
60°	626.5061	-23.0043	626.5045	-23.5057	626.5294	-23.9983											
45°	626.5067	-23.0044	626.5045	-23.5061	error 256	error 256											
15.00	626.5033	-23.0036	626.5014	-23.5044	626.5220	-24.0007	25.6	827	30	25	821	32	25.5	823	30	25.6	827.6
90°	626.5060	-23.0032	626.5039	-23.5055	error 256	error 256											
60°	626.5064	-23.0043	626.5042	-23.5055	626.5274	-24.0038											
45°	626.5072	-23.0047	626.5042	-23.5054	error 256	error 256											
16.00	626.5051	-23.0049	626.5032	-23.5051	626.5248	-24.0064	22	827	43	21.3	821	55	25	823	30	21.9	828.1
90°	626.5085	-23.0037	626.5059	-23.5051	error 256	error 256											
60°	626.5084	-23.0039	626.5062	-23.5049	626.5293	-24.0093											
45°	626.5087	-23.0048	626.5064	-23.5038	error 256	error 256											
17.00	626.5052	-23.0037	626.5035	-23.5053	626.5260	-24.0074	21.8	827	48	21.8	822	60	25	823	32	21.6	828.3
90°	626.5088	-23.0037	626.5062	-23.5058	error 256	error 256											
60°	626.5085	-23.0035	626.5066	-23.5057	626.5304	-24.0105											
45°	626.5098	-23.0037	626.5065	-23.5057	error 256	error 256											
18.00	626.5061	-23.0034	626.5043	-23.5051	626.5261	-24.0090	19.7	827	51	19.6	823	58	24.5	824	33	19.8	828.7
90°	626.5092	-23.0033	626.5067	-23.5050	error 256	error 256											
60°	626.5092	-23.0043	626.5073	-23.5047	626.5298	-24.0056											
45°	626.5098	-23.0048	626.5074	-23.5046	error 256	error 256											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
17/10/09	5.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5073	-23.0050	626.5052	-23.5058	626.5272	-24.0017	18.6	826	66	18.3	823	68	23.5	824	36	18.2	829.3
90°	626.5101	-23.0048	626.5077	-23.5056	error 256	error 256											
60°	626.5105	-23.0051	626.5079	-23.5057	626.5316	-24.0009											
45°	626.5112	-23.0044	626.5081	-23.5057	error 256	error 256											
7.00	626.5072	-23.0051	626.5053	-23.5042	626.5276	-24.0063	19.5	827	63	18.2	823	63	24	824	35	18.1	829.7
90°	626.5098	-23.0051	626.5077	-23.5051	error 256	error 256											
60°	626.5106	-23.0044	626.5086	-23.5061	626.5318	-24.0070											
45°	626.5111	-23.0032	626.5085	-23.5060	error 256	error 256											
8.00	626.5071	-23.0037	626.5049	-23.5060	626.5253	-24.0094	20.1	828	58	19.9	824	67	24	825	35	19.6	829.9
90°	626.5106	-23.0050	626.5078	-23.5060	error 256	error 256											
60°	626.5102	-23.0044	626.5082	-23.5058	626.5294	-24.0049											
45°	626.5112	-23.0037	626.5085	-23.5047	error 256	error 256											
9.00	626.5059	-23.0044	626.5043	-23.5057	626.5252	-24.0059	21.8	828	52	20.3	824	61	24	825	36	20.1	8230
90°	626.5097	-23.0045	626.5068	-23.5058	error 256	error 256											

60°	626.5100	-23.0045	626.5074	-23.5055	626.5290	-24.0039											
45°	626.5105	-23.0037	626.5074	-23.5057	error 256	error 256											
10.00	626.5059	-23.0041	626.5037	-23.5059	626.5246	-24.0052	22.3	828	47	22	824	56	24	825	36	21.6	829.9
90°	626.5086	-23.0040	626.5066	-23.5037	error 256	error 256											
60°	626.5093	-23.0036	626.5063	-23.5058	626.5291	-24.0083											
45°	626.5090	-23.0039	626.5066	-23.5054	error 256	error 256											
11.00	626.5041	-23.0044	626.5028	-23.5061	626.5254	-24.0071	23.8	827	40	23.6	823	46	24	824	35	23.1	828.7
90°	626.5075	-23.0040	626.5052	-23.5059	error 256	error 256											
60°	626.5074	-23.0038	626.5055	-23.5059	626.5293	-24.0162											
45°	626.5081	-23.0034	626.5056	-23.5058	error 256	error 256											
12.00	626.5043	-23.0045	626.5021	-23.5053	626.5251	-24.0000	24.6	827	36	24	822	44	24	823	34	23.4	827.9
90°	626.5069	-23.0044	626.5050	-23.5059	error 256	error 256											
60°	626.5067	-23.0036	626.5047	-23.5060	626.5259	-24.0020											
45°	626.5072	-23.0042	626.5055	-23.5057	error 256	error 256											
13.00	626.5043	-23.0040	626.5025	-23.5060	626.5245	-24.0064	24.3	826	36	23.7	821	45	24	822	33	23.2	827.4
90°	626.5073	-23.0042	626.5051	-23.5055	error 256	error 256											
60°	626.5078	-23.0033	626.5052	-23.5043	626.5265	-24.0072											
45°	626.5076	-23.0034	626.5054	-23.5059	error 256	error 256											
14.00	626.5090	-23.0037	626.5072	-23.5050	626.5297	-24.0150	18	826	93	20.4	823	82	24	823	35	21.1	827.8
90°	626.5164	-23.0044	626.5097	-23.5049	error 256	error 256											
60°	626.5150	-23.0045	626.5102	-23.5049	626.5271	-23.9997											
45°	626.5156	-23.0035	626.5092	-23.5055	error 256	error 256											
15.00	626.5090	-23.0041	626.5070	-23.5058	626.5289	-24.0073	13.9	825	97	14.3	823	91	23	823	39	13.9	828.8
90°	626.5127	-23.0045	626.5094	-23.5060	error 256	error 256											
60°	626.5129	-23.0039	626.5098	-23.5068	626.5315	-24.0049											
45°	626.5152	-23.0044	626.5099	-23.5040	error 256	error 256											
16.00	626.5089	-23.0048	626.5065	-23.5061	626.5294	-24.0074	14.3	825	98	14.3	823	92	22.5	823	42	14	829.1
90°	626.5156	-23.0044	626.5096	-23.5049	error 256	error 256											
60°	626.5136	-23.0032	626.5093	-23.5059	626.5294	-24.0079											
45°	626.5154	-23.0035	626.5095	-23.5039	error 256	error 256											
17.00	626.5088	-23.0047	626.5067	-23.5053	626.5291	-24.0102	14.2	826	98	14.5	823	90	22.5	824	42	14.5	829.4
90°	626.5154	-23.0043	626.5097	-23.5039	error 256	error 256											
60°	626.5176	-23.0038	626.5093	-23.5049	626.5299	-24.0123											
45°	626.5143	-23.0041	626.5100	-23.5054	error 256	error 256											
18.00	626.5089	-23.0043	626.5064	-23.5060	626.5293	-24.0065	14.2	825	98	14.7	824	85	22	824	42	15	829.3
90°	626.5131	-23.0039	626.5091	-23.5061	error 256	error 256											
60°	626.5124	-23.0036	626.5092	-23.5053	626.5350	-24.0021											
45°	626.5124	-23.0040	626.5099	-23.5057	error 256	error 256											

6.38 mm

Date		Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
18/10/09		6.38 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time		HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng	6.00	626.5101	-23.0042	626.5080	-23.5063	626.5324	-24.0078	14.5	827	94	14	825	92	21.5	825	42	13.3	830.4
	90°	626.5133	-23.0050	626.5113	-23.5056	error 256	error 256											
	60°	626.5138	-23.0047	626.5112	-23.5061	626.5334	-24.0126											
	45°	626.5143	-23.0039	626.5113	-23.5053	error 256	error 256											
	7.00	626.5091	-23.0035	626.5072	-23.5055	626.5308	-24.0082	15.1	827	90	14.2	825	90	22	825	42	13.9	830.7
	90°	626.5140	-23.0047	626.5107	-23.5063	error 256	error 256											
	60°	626.5136	-23.0032	626.5109	-23.5048	626.5291	-24.0069											
	45°	626.5140	-23.0044	626.5114	-23.5062	error 256	error 256											
	8.00	626.5096	-23.0033	626.5072	-23.5063	626.5274	-24.0023	15.9	828	83	14.6	826	86	22	826	42	14.8	831
	90°	626.5131	-23.0037	626.5109	-23.5062	error 256	error 256											
	60°	626.5139	-23.0033	626.5109	-23.5056	626.5284	-23.9991											
	45°	626.5139	-23.0034	626.5116	-23.5045	error 256	error 256											
	9.00	626.5082	-23.0037	626.5068	-23.5060	626.5274	-24.0004	16.2	828	71	16.1	826	81	21.5	826	42	16.2	831.2
	90°	626.5121	-23.0034	626.5098	-23.5052	626.5356	-24.0034											
	60°	626.5119	-23.0052	626.5100	-23.5052	626.5291	-24.0048											
	45°	626.5119	-23.0050	626.5108	-23.5047	626.5439	-24.0071											
	10.00	626.5075	-23.0049	626.5057	-23.5055	626.5282	-24.0037	19.3	828	70	17.7	826	73	22	826	43	17.5	831.4
	90°	626.5104	-23.0045	626.5087	-23.5060	626.5292	-24.0050											
	60°	626.5105	-23.0049	626.5094	-23.5048	626.5320	-24.0021											
	45°	626.5122	-23.0046	626.5099	-23.5059	error 256	error 256											
	11.00	626.5060	-23.0044	626.5051	-23.5060	626.5272	-24.0072	20.4	828	62	20.2	825	62	22	826	42	20.3	831
	90°	626.5090	-23.0042	626.5081	-23.5054	626.5286	-24.0092											
	60°	626.5094	-23.0045	626.5080	-23.5050	626.5293	-24.0042											
	45°	626.5106	-23.0034	626.5091	-23.5053	error 256	error 256											
	12.00	626.5054	-23.0039	626.5038	-23.5052	626.5270	-24.0029	21.7	828	45	21.9	825	42	22.5	825	41	22.3	830.1
	90°	626.5084	-23.0047	626.5068	-23.5060	error 256	error 256											
	60°	626.5083	-23.0044	626.5068	-23.5056	626.5345	-23.9984											
	45°	626.5092	-23.0044	626.5077	-23.5059	error 256	error 256											
	13.00	626.5048	-23.0041	626.5034	-23.5053	626.5266	-24.0055	21.7	828	37	22.8	824	31	22.5	825	33	23.7	829.8
	90°	626.5087	-23.0044	626.5065	-23.5053	error 256	error 256											
	60°	626.5090	-23.0039	626.5066	-23.5059	626.5301	-24.0062											
	45°	626.5092	-23.0039	626.5070	-23.5060	error 256	error 256											
	14.00	626.5046	-23.0045	626.5032	-23.5053	626.5245	-24.0045	22.3	827	35	24.2	823	28	23	824	31	24.1	829.2
	90°	626.5076	-23.0046	626.5060	-23.5060	626.5296	-23.9993											
	60°	626.5072	-23.0036	626.5062	-23.5054	626.5292	-24.0070											
	45°	626.5084	-23.0043	626.5070	-23.5055	error 256	error 256											
	15.00	626.5045	-23.0035	626.5031	-23.5061	626.5256	-24.0080	22.7	828	32	24.6	823	24	23.5	824	30	24.8	828.5
	90°	626.5076	-23.0040	626.5061	-23.5051	626.5283	-24.0010											
	60°	626.5078	-23.0033	626.5065	-23.5052	626.5278	-24.0078											
	45°	626.5084	-23.0048	626.5070	-23.5058	error 256	error 256											

16.00	626.5042	-23.0034	626.5026	-23.5052	626.5238	-24.0104	23.2	829	31	26.8	822	23	24	823	28	25.2	828.4
90°	626.5074	-23.0048	626.5059	-23.5060	626.5286	-24.0100											
60°	626.5072	-23.0042	626.5061	-23.5052	626.5264	-24.0105											
45°	626.5079	-23.0044	626.5060	-23.5054	error 256	error 256											
17.00	626.5041	-23.0044	626.5026	-23.5055	626.5227	-24.0048	23.4	830	31	26.3	821	22	25	824	27	25.9	828.5
90°	626.5079	-23.0038	626.5057	-23.5061	626.5314	-24.0075											
60°	626.5075	-23.0045	626.5059	-23.5053	626.5315	-24.0006											
45°	626.5086	-23.0043	626.5066	-23.5055	error 256	error 256											
18.00	626.5047	-23.0053	626.5034	-23.5057	626.5235	-24.0005	21.9	834	30	24.4	822	23	25	824	27	24.2	828.8
90°	626.5080	-23.0046	626.5065	-23.5050	626.5287	-24.0137											
60°	626.5078	-23.0049	626.5066	-23.5053	626.5313	-24.0078											
45°	626.5085	-23.0055	626.5069	-23.5055	error 256	error 256											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
19/10/09	6.38 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5119	-23.0049	626.5098	-23.5058	626.5327	-24.0067	12.2	828	79	12.5	826	75	22	826	28	12	831.7
90°	626.5145	-23.0032	626.5132	-23.5059	626.5341	-24.0335											
60°	626.5147	-23.0044	626.5132	-23.5056	626.5412	-24.0028											
45°	626.5162	-23.0042	626.5138	-23.5046	error 256	error 256											
7.00	626.5110	-23.0040	626.5086	-23.5058	626.5303	-24.0090	13.5	829	75	12.7	827	81	22.5	827	29	12.4	832.5
90°	626.5143	-23.0046	626.5117	-23.5059	626.5327	-24.0296											
60°	626.5142	-23.0042	626.5123	-23.5059	626.5342	-24.0093											
45°	626.5156	-23.0047	626.5127	-23.5054	error 256	error 256											
8.00	626.5102	-23.0046	626.5081	-23.5056	626.5291	-24.0016	16.7	830	70	16.1	827	76	22.5	827	31	15.8	832.6
90°	626.5140	-23.0049	626.5112	-23.5060	error 256	error 256											
60°	626.5139	-23.0042	626.5114	-23.5050	626.5327	-24.0006											
45°	626.5144	-23.0042	626.5119	-23.5060	error 256	error 256											
9.00	626.5089	-23.0050	626.5066	-23.5051	626.5285	-24.0095	17.9	830	68	17.6	828	70	23	828	32	17	833
90°	626.5125	-23.0043	626.5102	-23.5049	error 256	error 256											
60°	626.5131	-23.0038	626.5108	-23.5051	626.5342	-24.0041											
45°	626.5134	-23.0050	626.5113	-23.5060	error 256	error 256											
10.00	626.5076	-23.0046	626.5056	-23.5061	626.5288	-24.0046	20.2	830	48	19.9	827	59	23	828	32	19.2	832.9
90°	626.5108	-23.0048	626.5089	-23.5058	error 256	error 256											
60°	626.5113	-23.0041	626.5089	-23.5058	626.5330	-24.0027											
45°	626.5114	-23.0040	626.5098	-23.5059	error 256	error 256											
11.00	626.5062	-23.0047	626.5053	-23.5051	626.5283	-24.0098	23.3	830	39	21.6	827	44	23	827	33	21	832.4
90°	626.5103	-23.0039	626.5084	-23.5049	error 256	error 256											
60°	626.5101	-23.0043	626.5086	-23.5057	626.5317	-24.0092											
45°	626.5107	-23.0039	626.5093	-23.5043	error 256	error 256											
12.00	626.5059	-23.0047	626.5044	-23.5059	626.5267	-24.0034	22.8	830	37	22.6	826	40	23	827	32	22.1	831.8
90°	626.5094	-23.0051	626.5077	-23.5059	error 256	error 256											
60°	626.5096	-23.0051	626.5079	-23.5055	626.5316	-24.0033											

45°	626.5099	-23.0046	626.5084	-23.5060	error 256	error 256											
13.00	626.5055	-23.0036	626.5036	-23.5061	626.5248	-24.0078	24	829	33	24.8	826	33	23.5	826	31	24	831.4
90°	626.5091	-23.0056	626.5070	-23.5043	626.5313	-24.0217											
60°	626.5093	-23.0057	626.5065	-23.5061	626.5281	-24.0107											
45°	626.5096	-23.0045	626.5076	-23.5060	error 256	error 256											
14.00	626.5047	-23.0051	626.5035	-23.5059	626.5253	-24.0114	23.6	829	32	25.6	825	30	23.5	826	31	25.1	830.8
90°	626.5081	-23.0045	626.5066	-23.5061	error 256	error 256											
60°	626.5089	-23.0059	626.5064	-23.5061	626.5292	-24.0041											
45°	626.5089	-23.0044	626.5073	-23.5058	error 256	error 256											
15.00	626.5042	-23.0058	626.5033	-23.5055	626.5239	-24.0006	23.8	829	31	26	824	26	24	825	26	25.6	830.1
90°	626.5084	-23.0036	626.5063	-23.5055	626.5258	-24.0090											
60°	626.5082	-23.0046	626.5062	-23.5050	626.5281	-24.0071											
45°	626.5085	-23.0049	626.5064	-23.5053	error 256	error 256											
16.00	626.5040	-23.0047	626.5028	-23.5059	626.5231	-24.0013	23.5	830	31	25.8	823	26	24.5	825	26	25.1	829.9
90°	626.5075	-23.0048	626.5055	-23.5050	error 256	error 256											
60°	626.5075	-23.0047	626.5056	-23.5059	626.5291	-24.0043											
45°	626.5079	-23.0050	626.5058	-23.5048	error 256	error 256											
17.00	626.5043	-23.0041	626.5026	-23.5054	626.5237	-24.0052	23.4	832	30	26.7	823	25	25	825	27	26.7	829.9
90°	626.5074	-23.0030	626.5060	-23.5049	error 256	error 256											
60°	626.5073	-23.0043	626.5061	-23.5042	626.5296	-24.0133											
45°	626.5076	-23.0034	626.5070	-23.5060	error 256	error 256											
18.00	626.5047	-23.0048	626.5032	-23.5041	626.5249	-24.0096	22.2	833	29	24.7	823	24	25.5	825	26	24.7	830.4
90°	626.5080	-23.0043	626.5069	-23.5062	626.5289	-24.0221											
60°	626.5079	-23.0046	626.5066	-23.5055	626.5278	-24.0063											
45°	626.5081	-23.0048	626.5068	-23.5061	error 256	error 256											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
20/10/09	6.38 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.5102	-23.0040	626.5088	-23.5059	626.5308	-24.0096	15.6	829	69	14	826	80	23	827	33	13.6	832.6
90°	626.5137	-23.0046	626.5118	-23.5051	error 256	error 256											
60°	626.5139	-23.0044	626.5125	-23.5068	626.5340	-24.0124											
45°	626.5149	-23.0043	626.5130	-23.5054	error 256	error 256											
7.00	626.5106	-23.0041	626.5086	-23.5057	626.5311	-24.0083	16.3	830	67	14.2	827	67	23	828	33	13.7	833.3
90°	626.5138	-23.0045	626.5121	-23.5057	error 256	error 256											
60°	626.5140	-23.0032	626.5122	-23.5057	626.5367	-24.0098											
45°	626.5150	-23.0045	626.5128	-23.5064	error 256	error 256											
8.00	626.5106	-23.0047	626.5083	-23.5044	626.5298	-24.0090	17	830	65	14.1	828	80	23	828	33	13.6	833.4
90°	626.5140	-23.0037	626.5119	-23.5059	error 256	error 256											
60°	626.5138	-23.0038	626.5123	-23.5056	626.5355	-24.0091											
45°	626.5151	-23.0038	626.5128	-23.5060	error 256	error 256											
9.00	626.5105	-23.0047	626.5086	-23.5057	626.5299	-24.0095	17.1	831	62	14.1	828	82	23	828	34	13.3	833.8

90°	626.5142	-23.0030	626.5121	-23.5053	error 256	error 256											
60°	626.5139	-23.0045	626.5120	-23.5040	626.5346	-24.0126											
45°	626.5146	-23.0048	626.5132	-23.5040	error 256	error 256											
10.00	626.5099	-23.0043	626.5081	-23.5059	626.5294	-24.0013	18.6	831	56	15.8	827	76	23.5	828	34	15.2	833.5
90°	626.5133	-23.0035	626.5113	-23.5061	error 256	error 256											
60°	626.5132	-23.0033	626.5107	-23.5054	626.5362	-24.0064											
45°	626.5140	-23.0042	626.5121	-23.5049	error 256	error 256											
11.00	626.5090	-23.0041	626.5072	-23.5060	626.5292	-24.0076	19.5	831	50	17.5	827	68	23.5	828	34	16.8	833.3
90°	626.5125	-23.0045	626.5099	-23.5041	error 256	error 256											
60°	626.5124	-23.0053	626.5106	-23.5050	626.5344	-24.0043											
45°	626.5137	-23.0042	626.5111	-23.5057	error 256	error 256											
12.00	626.5076	-23.0044	626.5062	-23.5059	626.5271	-24.0013	22.6	831	42	19.8	827	58	23.5	827	34	19.1	832.5
90°	626.5108	-23.0047	626.5094	-23.5055	error 256	error 256											
60°	626.5109	-23.0053	626.5102	-23.5063	626.5340	-24.0013											
45°	626.5120	-23.0047	626.5101	-23.5065	error 256	error 256											
13.00	626.5067	-23.0045	626.5045	-23.5059	626.5273	-24.0055	23.9	829	39	20.3	826	48	24	827	32	20	831.9
90°	626.5096	-23.0055	626.5086	-23.5050	error 256	error 256											
60°	626.5097	-23.0056	626.5081	-23.5059	626.5395	-24.0127											
45°	626.5114	-23.0048	626.5094	-23.5039	error 256	error 256											
14.00	626.5063	-23.0053	626.5045	-23.5062	626.5271	-24.0106	24.5	829	38	23.5	825	43	24	826	32	22.8	831.2
90°	626.5099	-23.0055	626.5077	-23.5062	error 256	error 256											
60°	626.5097	-23.0051	626.5081	-23.5058	626.5395	-24.0030											
45°	626.5107	-23.0051	626.5088	-23.5066	error 256	error 256											
15.00	626.5057	-23.0050	626.5038	-23.5055	626.5265	-24.0040	24.1	830	34	24.4	824	33	24	826	32	23.7	830.6
90°	626.5089	-23.0053	626.5069	-23.5054	error 256	error 256											
60°	626.5089	-23.0038	626.5063	-23.5048	626.5375	-24.0007											
45°	626.5092	-23.0050	626.5079	-23.5058	error 256	error 256											
16.00	626.5055	-23.0040	626.5034	-23.5043	626.5235	-24.0017	23	830	34	24.6	823	32	25	825	30	24.5	830
90°	626.5081	-23.0043	626.5068	-23.5067	error 256	error 256											
60°	626.5081	-23.0052	626.5069	-23.5051	626.5388	-24.0137											
45°	626.5086	-23.0045	626.5072	-23.5056	error 256	error 256											
17.00	626.5048	-23.0041	626.5026	-23.5044	626.5235	-24.0017	23.1	831	34	24.7	823	31	25	825	29	24.9	829.7
90°	626.5081	-23.0054	626.5068	-23.5060	error 256	error 256											
60°	626.5076	-23.0046	626.5069	-23.5045	626.5388	-24.0137											
45°	626.5087	-23.0060	626.5070	-23.5062	error 256	error 256											
18.00	626.5055	-23.0038	626.5039	-23.5053	626.5241	-24.0137	21.5	830	41	22.1	823	41	24.5	825	29	21.9	829.9
90°	626.5092	-23.0039	626.5075	-23.5060	error 256	error 256											
60°	626.5089	-23.0037	626.5075	-23.5052	626.5360	-24.0126											
45°	626.5098	-23.0059	626.5085	-23.5046	error 256	error 256											

APPENDIX D

Appendix D.1: Raw Data for Impact of Glass Colour Analysis

GLASS COLOUR IMPACT TEST READINGS (before scale factor - 0.9998 correction)

Non-Tinted plain/transparent 3.0 mm glass

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
06/05/2010	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.6119	-22.9796	626.6095	-23.4970	626.6350	-23.9776	10.7	830	43	9.2	829	35	21.5	824	27	9.9	829.7
90°	626.6138	-22.9792	626.6113	-23.4981	error 256	error 256											
60°	626.6142	-22.9738	626.6115	-23.4976	error 256	error 256											
45°	626.6133	-22.9733	626.6109	-23.4955	error 256	error 256											
30°	626.6140	-22.9761	626.6111	-23.4975	error 256	error 256											
7.00	626.6119	-22.9791	626.6099	-23.4928	626.6347	-23.9758	10.9	830	43	9.2	829	35	21.5	824	27	10.2	830.1
90°	626.6139	-22.9766	626.6117	-23.4886	626.6424	-23.9715											
60°	626.6137	-22.9770	626.6119	-23.4871	626.6335	-23.9679											
45°	626.6138	-22.9744	626.6115	-23.4864	error 256	error 256											
30°	626.6140	-22.9730	626.6116	-23.4845	626.6357	-23.9670											
8.00	626.6114	-22.9941	626.6094	-23.4945	626.6351	-23.9810	12.6	831	39	9.8	830	35	21.5	825	27	11.5	830.5
90°	626.6131	-22.9941	626.6114	-23.4941	626.6306	-23.9773											
60°	626.6133	-22.9913	626.6114	-23.4913	626.6348	-23.9759											
45°	626.6131	-22.9918	626.6110	-23.4905	error 256	error 256											
30°	626.6138	-22.9919	626.6108	-23.4903	626.6431	-23.9787											
9.00	626.6106	-22.9952	626.6089	-23.4953	626.6335	-23.9790	14.6	831	37	11.5	830	35	21.5	826	26	13.4	831.5
90°	626.6121	-22.9905	626.6103	-23.4925	626.6375	-23.9872											
60°	626.6118	-22.9927	626.6106	-23.4932	626.6406	-23.9932											
45°	626.6120	-22.9852	626.6102	-23.4914	error 256	error 256											
30°	626.6122	-22.9964	626.6107	-23.4900	626.6363	-23.9946											
10.00	626.6096	-22.9950	626.6076	-23.4965	626.6330	-23.9895	16.5	832	37	13.3	831	35	21.5	827	26	15.3	831.9
90°	626.6117	-22.9936	626.6096	-23.4949	626.6361	-23.9870											
60°	626.6113	-22.9942	626.6097	-23.4908	626.6353	-23.9848											
45°	626.6109	-22.9942	626.6095	-23.4903	error 256	error 256											
30°	626.6108	-22.9939	626.6096	-23.4899	626.6360	-23.9867											
11.00	626.6088	-22.9933	626.6076	-23.4927	626.6325	-23.9855	18.8	832	34	13.6	831	29	22	826	26	16.1	831.7
90°	626.6107	-22.9931	626.6094	-23.4944	626.6331	-23.9783											
60°	626.6109	-22.9924	626.6093	-23.4908	626.6345	-23.9746											
45°	626.6106	-22.9900	626.6091	-23.4916	error 256	error 256											
30°	626.6108	-22.9900	626.6091	-23.4914	626.6362	-23.9750											
12.00	626.6076	-22.9937	626.6070	-23.4905	626.6323	-23.9855	19.4	832	32	14.2	831	27	22	826	26	18.1	831.4
90°	626.6095	-22.9903	626.6086	-23.4917	626.6330	-23.9850											
60°	626.6098	-22.9844	626.6082	-23.4921	626.6342	-23.9859											
45°	626.6094	-22.9840	626.6081	-23.4922	error 256	error 256											
30°	626.6100	-22.9827	626.6076	-23.4925	626.6350	-23.9841											

13.00	626.6072	-22.9943	626.6062	-23.4937	626.6294	-23.9839	21.3	831	30	15.1	830	32	22	825	26	20.5	830.5
90°	626.6090	-22.9974	626.6079	-23.4915	626.6316	-23.9801											
60°	626.6087	-22.9898	626.6082	-23.4872	626.6322	-23.9745											
45°	626.6093	-22.9870	626.6080	-23.4895	error 256	error 256											
30°	626.6092	-22.9908	626.6079	-23.4844	626.6341	-23.9729											
14.00	626.6068	-22.9931	626.6053	-23.4992	626.6307	-23.9908	22.5	830	28	15.8	829	32	22.5	825	26	21	829.9
90°	626.6086	-22.9874	626.6069	-23.4976	626.6350	-23.9730											
60°	626.6084	-22.9890	626.6067	-23.4989	626.6299	-23.9663											
45°	626.6081	-22.9879	626.6072	-23.4964	error 256	error 256											
30°	626.6087	-22.9808	626.6072	-23.4953	626.6334	-23.9625											
15.00	626.6069	-22.9926	626.6053	-23.4971	626.6301	-23.9868	23.5	830	24	16.5	829	29	22.5	825	26	21.3	829.7
90°	626.6084	-22.9972	626.6069	-23.4953	626.6367	-23.9774											
60°	626.6082	-22.9946	626.6069	-23.4962	626.6326	-23.9779											
45°	626.6086	-22.9878	626.6069	-23.4905	error 256	error 256											
30°	626.6083	-22.9767	626.6066	-23.4989	626.6317	-23.9809											
16.00	626.6068	-22.9932	626.6053	-23.4951	626.6298	-23.9868	23.8	830	23	16.6	830	31	23	825	26	21.6	829.9
90°	626.6083	-22.9946	626.6069	-23.4982	626.6334	-23.9826											
60°	626.6083	-22.9925	626.6068	-23.4962	626.6298	-23.9758											
45°	626.6086	-22.9930	626.6067	-23.4982	error 256	error 256											
30°	626.6085	-22.9953	626.6069	-23.4921	626.6286	-23.9740											
17.00	626.6073	-22.9875	626.6061	-23.4905	626.6318	-23.9909	23.2	830	26	16.1	830	33	23.5	825	26	20.6	830.1
90°	626.6088	-22.9806	626.6074	-23.4990	626.6346	-23.9968											
60°	626.6094	-22.9809	626.6074	-23.4979	626.6355	-24.0007											
45°	626.6092	-22.9796	626.6074	-23.4918	error 256	error 256											
30°	626.6098	-22.9805	626.6073	-23.4937	626.6304	-23.9896											
18.00	626.6082	-22.9918	626.6069	-23.4875	626.6326	-23.9849	19.2	830	29	15.8	830	35	23	825	26	18.1	830.4
90°	626.6095	-22.9939	626.6083	-23.4865	626.6312	-23.9879											
60°	626.6098	-22.9894	626.6085	-23.4841	626.6336	-23.9901											
45°	626.6099	-22.9898	626.6082	-23.4837	error 256	error 256											
30°	626.6101	-22.9941	626.6081	-23.4824	error 256	error 256											

Non-Tinted plain/transparent 3.0 mm glass

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
07/05/2010	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00																	
90°																	
60°																	
45°																	
30°																	
7.00	Poor visibility and misty weather condition																
90°																	
60°																	

45°																	
30°																	
8.00																	
90°																	
60°																	
45°																	
30°																	
9.00																	
90°																	
60°																	
45°																	
30°																	
10.00	626.6108	-22.9883	626.6092	-23.4903	626.6343	-23.9909	13	835	76	15	832	66	21.5	829	32	12.8	834.5
90°	626.6125	-22.9858	626.6109	-23.4885	626.6413	-23.9680											
60°	626.6127	-22.9881	626.6111	-23.4850	626.6351	-23.9656											
45°	626.6122	-22.9878	626.6111	-23.4850	error 256	error 256											
30°	626.6132	-22.9879	626.6117	-23.4848	626.6333	-23.9641											
11.00	626.6105	-22.9867	626.6090	-23.4902	626.6362	-23.9879	13.7	834	74.0	15.8	832	63	21.5	829	32	13.2	834.5
90°	626.6122	-22.9849	626.6108	-23.4910	error 256	error 256											
60°	626.6126	-22.9816	626.6113	-23.4920	626.6341	-23.9809											
45°	626.6125	-22.9869	626.6117	-23.4848	626.6366	-23.9851											
30°	626.6132	-22.9875	626.6111	-23.4848	626.6324	-23.9843											
12.00	626.6105	-22.9917	626.6083	-23.4925	626.6280	-23.9951	14.1	834	62	17.1	832	54	22	829	33	14.1	834.2
90°	626.6118	-22.9881	626.6096	-23.4965	626.6377	-23.9760											
60°	626.6121	-22.9913	626.6103	-23.4966	626.6377	-23.9703											
45°	626.6119	-22.9894	626.6098	-23.4893	error 256	error 256											
30°	626.6116	-22.9954	626.6105	-23.4969	626.6352	-23.9562											
13.00	626.6092	-22.9888	626.6081	-23.4937	626.6341	-23.9803	15.8	834	53	18	832	49	22	828	33	15.7	833.5
90°	626.6105	-22.9949	626.6096	-23.4862	626.6349	-23.9841											
60°	626.6110	-22.9869	626.6097	-23.4869	626.6326	-23.9753											
45°	626.6115	-22.9917	626.6090	-23.4920	626.6271	-23.9878											
30°	626.6115	-22.9908	626.6096	-23.4845	626.6347	-23.9847											
14.00	626.6089	-22.9984	626.6069	-23.4982	626.6360	-23.9790	17.7	833	51	17.8	832	48	22	828	33	17.2	832.9
90°	626.6103	-22.9966	626.6084	-23.4986	626.6394	-23.9844											
60°	626.6102	-22.9954	626.6088	-23.4906	626.6324	-23.9852											
45°	626.6107	-22.9966	626.6086	-23.4937	error 256	error 256											
30°	626.6105	-22.9944	626.6081	-23.4982	626.6324	-23.9774											
15.00	626.6085	-22.9931	626.6069	-23.4989	626.6330	-23.9873	19.4	832.5	50	17.6	831	48	22.5	827	33	18.5	832.5
90°	626.6101	-22.9923	626.6084	-23.4943	error 256	error 256											
60°	626.6099	-22.9975	626.6083	-23.4905	626.6384	-24.0014											
45°	626.6101	-22.9966	626.6082	-23.4895	error 256	error 256											
30°	626.6101	-22.9981	626.6086	-23.4791	626.6315	-23.9929											
16.00	626.6086	-22.9933	626.6062	-23.4952	626.6339	-23.9863	20.3	832	52	17.3	832	50	23	827	34	18.8	832.4
90°	626.6099	-22.9950	626.6086	-23.4914	626.6368	-23.9673											

60°	626.6102	-22.9920	626.6082	-23.4916	626.6316	-23.9719											
45°	626.6103	-22.9983	626.6084	-23.4915	626.6275	-23.9653											
30°	626.6102	-22.9933	626.6079	-23.4949	626.6347	-23.9701											
17.00	626.6089	-22.9854	626.6066	-23.4923	626.6320	-23.9845	20	833	56	16.5	832	53	23.5	827	34	18	832.6
90°	626.6105	-22.9941	626.6079	-23.4949	626.6350	-23.9890											
60°	626.6109	-22.9848	626.6087	-23.4941	626.6318	-23.9765											
45°	626.6105	-22.9967	626.6084	-23.4930	error 256	error 256											
30°	626.6103	-22.9881	626.6077	-23.4936	626.6332	-23.9773											
18.00	626.6092	-22.9907	626.6074	-23.4933	626.6322	-23.9847	18.1	833	64	15.2	831	61	23	827	33	16	832.8
90°	626.6111	-22.9865	626.6090	-23.4911	626.6350	-23.9831											
60°	626.6115	-22.9850	626.6091	-23.4881	626.6329	-23.9827											
45°	626.6106	-22.9887	626.6086	-23.4874	error 256	error 256											
30°	626.6108	-22.9892	626.6083	-23.4918	626.6399	-23.9864											

Non-Tinted plain/transparent 3.0 mm glass

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
08/05/2010	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00																	
90°																	
60°			visibility limited to 150 m														
45°																	
30°																	
7.00	Poor visibility and misty weather condition																
90°																	
60°	visibility limited to 400 m																
45°																	
30°																	
8.00	626.6110	-22.9910	626.6084	-23.4951	626.6327	-23.9866	13.5	834	93	12.2	833	92	22	828	36	13.3	833.4
90°	626.6133	-22.9892	626.6100	-23.4927	626.6307	-23.9868											
60°	626.6129	-22.9878	626.6100	-23.4916	626.6325	-23.9887											
45°	626.6129	-22.9873	626.6100	-23.4899	error 256	error 256											
30°	626.6132	-22.9873	626.6102	-23.4946	626.6255	-23.9813											
9.00	626.6098	-22.9904	626.6080	-23.4949	626.6332	-23.9940	15	834	89	13.3	833	91	22	828	35	14.6	833.7
90°	626.6118	-22.9916	626.6092	-23.4899	626.6276	-23.9902											
60°	626.6129	-22.9939	626.6103	-23.4913	626.6291	-23.9872											
45°	626.6124	-22.9904	626.6092	-23.4938	error 256	error 256											
30°	626.6128	-22.9954	626.6094	-23.4924	626.6272	-23.9879											
10.00	626.6090	-22.9944	626.6068	-23.4957	626.6325	-23.9845	17	834	79	13.9	833	88	22	829	36	15.9	834
90°	626.6109	-22.9891	626.6086	-23.4984	626.6300	-23.9826											
60°	626.6118	-22.9870	626.6087	-23.4962	626.6310	-23.9818											
45°	626.6114	-22.9864	626.6087	-23.4945	626.6233	-23.9838											
30°	626.6125	-22.9878	626.6081	-23.4969	626.6325	-23.9856											

11.00	626.6084	-22.9922	626.6068	-23.4934	626.6317	-23.9874	18.6	834	70	15	833	72	22.5	829	36	17.3	833.8
90°	626.6097	-22.9973	626.6080	-23.4946	626.6287	-23.9842											
60°	626.6116	-22.9896	626.6076	-23.4907	626.6257	-23.9844											
45°	626.6107	-22.9867	626.6079	-23.4895	error 256	error 256											
30°	626.6110	-22.9838	626.6081	-23.4859	626.6288	-23.9846											
12.00	626.6079	-22.9947	626.6056	-23.4983	626.6298	-23.9840	19.8	833	67.0	15.9	833	63	22.5	828	36	18.3	833.1
90°	626.6099	-22.9928	626.6070	-23.4985	626.6266	-23.9825											
60°	626.6111	-22.9822	626.6073	-23.4963	626.6298	-23.9761											
45°	626.6103	-22.9878	626.6072	-23.4968	626.6284	-23.9731											
30°	626.6103	-22.9831	626.6069	-23.4963	626.6254	-23.9743											
13.00	626.6080	-22.9923	626.6059	-23.4916	626.6303	-23.9905	19.8	833	68	16.5	833	62	22.5	827	36	18.4	832.7
90°	626.6098	-22.9847	626.6069	-23.4984	626.6292	-23.9954											
60°	626.6107	-22.9910	626.6068	-23.4918	626.6303	-23.9851											
45°	626.6111	-22.9920	626.6072	-23.4898	error 256	error 256											
30°	626.6110	-22.9884	626.6068	-23.4858	626.6287	-23.9768											
14.00	626.6073	-22.9889	626.6050	-23.4947	626.6309	-23.9839	20.8	832	58	17.1	832	58	22.5	827	36	20.1	832.1
90°	626.6091	-22.9819	626.6061	-23.4987	626.6275	-23.9879											
60°	626.6097	-22.9927	626.6067	-23.4927	626.6290	-23.9836											
45°	626.6096	-22.9967	626.6064	-23.4992	error 256	error 256											
30°	626.6097	-22.9902	626.6067	-23.4919	626.6263	-23.9757											
15.00	626.6064	-22.9928	626.6044	-23.4945	626.6293	-23.9788	22.4	832	48	17.8	832	53	23	827	36	21.5	831.8
90°	626.6084	-22.9856	626.6064	-23.4947	626.6299	-23.9850											
60°	626.6095	-22.9929	626.6060	-23.4960	626.6269	-23.9975											
45°	626.6081	-22.9899	626.6062	-23.4946	error 256	error 256											
30°	626.6094	-22.9806	626.6059	-23.4956	626.6259	-23.9983											
16.00	626.6064	-22.9926	626.6046	-23.4986	626.6287	-23.9777	23.8	832	41	18.1	832	47	23.5	827	35	22.6	831.6
90°	626.6087	-22.9850	626.6059	-23.4985	626.6297	-23.9875											
60°	626.6088	-22.9915	626.6060	-23.4937	626.6273	-23.9785											
45°	626.6086	-22.9901	626.6060	-23.4892	error 256	error 256											
30°	626.6093	-22.9888	626.6056	-23.4972	626.6247	-23.9851											
17.00	626.6071	-22.9895	626.6051	-23.4995	626.6307	-23.9893	22.3	832	45	17.7	833	48	24	827	33	21.1	832.2
90°	626.6090	-22.9911	626.6066	-23.4929	626.6289	-23.9924											
60°	626.6102	-22.9937	626.6071	-23.4908	626.6290	-23.9796											
45°	626.6096	-22.9902	626.6072	-23.4813	error 256	error 256											
30°	626.6104	-22.9848	626.6068	-23.4833	626.6298	-23.9774											
18.00	626.6074	-22.9898	626.6054	-23.4942	626.6296	-23.9815	19.2	833	68	16	833	64	23	828	34	18.4	832.8
90°	626.6094	-22.9969	626.6066	-23.4946	626.6301	-23.9846											
60°	626.6093	-22.9970	626.6070	-23.4964	626.6299	-23.9853											
45°	626.6102	-22.9948	626.6069	-23.4948	error 256	error 256											
30°	626.6107	-22.9961	626.6070	-23.4992	626.6252	-23.9877											

5% Tinted 3.0 mm Glass

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
09/05/2010	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.6097	-22.9972	626.6084	-23.4824	626.6335	-23.9650	14.2	830	88	13.1	828	82	22.5	825	37	13.6	830.4
90°	626.6118	-22.9953	626.6098	-23.4874	626.6311	-23.9611											
60°	626.6121	-22.9926	626.6106	-23.4820	626.6290	-23.9780											
45°	626.6116	-22.9951	626.6100	-23.4838	error 256	error 256											
30°	626.6121	-22.9957	626.6100	-23.4826	626.6320	-23.9600											
7.00	626.6104	-22.9731	626.6084	-23.4818	626.6331	-23.9593	14	830	90	12.9	829	84	22.5	825	37	13.3	830.7
90°	626.6130	-22.9706	626.6103	-23.4829	626.6320	-23.9581											
60°	626.6133	-22.9643	626.6102	-23.4796	626.6299	-23.9516											
45°	626.6129	-22.9687	626.6108	-23.4789	error 256	error 256											
30°	626.6120	-22.9653	626.6098	-23.4803	626.6333	-23.9540											
8.00	626.6100	-22.9843	626.6076	-23.4844	626.6329	-23.9828	14.2	830	90	13.4	829	83	23	826	37	13.9	831.1
90°	626.6128	-22.9825	626.6093	-23.4849	626.6282	-23.9811											
60°	626.6131	-22.9838	626.6101	-23.4828	626.6300	-23.9817											
45°	626.6126	-22.9826	626.6103	-23.4846	error 256	error 256											
30°	626.6127	-22.9808	626.6100	-23.4816	626.6313	-23.9820											
9.00	626.6093	-22.9845	626.6071	-23.4898	626.6330	-23.9830	16.9	831	86	14.5	829	76	23	826	38	15.1	831.5
90°	626.6124	-22.9947	626.6089	-23.4860	626.6289	-23.9788											
60°	626.6122	-22.9882	626.6093	-23.4781	626.6291	-23.9777											
45°	626.6110	-22.9833	626.6093	-23.4781	error 256	error 256											
30°	626.6116	-22.9832	626.6097	-23.4773	626.6303	-23.9793											
10.00	626.6088	-22.9801	626.6067	-23.4899	626.6324	-23.9839	16.4	831	81	16	830	68	23	826	39	16.4	831.6
90°	626.6117	-22.9783	626.6085	-23.4929	626.6368	-23.9789											
60°	626.6124	-22.9743	626.6085	-23.4913	626.6317	-23.9783											
45°	626.6112	-22.9759	626.6081	-23.4947	error 256	error 256											
30°	626.6107	-22.9769	626.6085	-23.4962	626.6282	-23.9726											
11.00	626.6076	-22.9846	626.6059	-23.4940	626.6316	-23.9743	18.1	831	76	17.1	830	64	23	826	40	17.4	831.1
90°	626.6100	-22.9820	626.6074	-23.4933	626.6269	-23.9739											
60°	626.6103	-22.9773	626.6081	-23.4913	626.6310	-23.9731											
45°	626.6093	-22.9743	626.6076	-23.4918	error 256	error 256											
30°	626.6100	-22.9720	626.6077	-23.4926	626.6320	-23.9744											
12.00	626.6064	-22.9916	626.6051	-23.4821	626.6300	-23.9789	19.9	830	66	17.9	829	58	23	825	40	19.5	830.4
90°	626.6084	-22.9874	626.6067	-23.4807	626.6240	-23.9737											
60°	626.6098	-22.9867	626.6068	-23.4794	626.6321	-23.9706											
45°	626.6097	-22.9840	626.6075	-23.4828	error 256	error 256											
30°	626.6097	-22.9840	626.6069	-23.4817	626.6307	-23.9688											
13.00	626.6064	-22.9898	626.6050	-23.4811	626.6312	-23.9842	21	829	53	19.5	829	49	23	824	40	20.2	829.6
90°	626.6112	-22.9957	626.6061	-23.4797	626.6258	-23.9811											
60°	626.6101	-22.9864	626.6073	-23.4740	626.6326	-23.9845											
45°	626.6097	-22.9903	626.6073	-23.4729	error 256	error 256											
30°	626.6134	-22.9941	626.6080	-23.4732	626.6306	-23.9772											

14.00	626.6065	-22.9826	626.6049	-23.4919	626.6311	-23.9835	20.1	829	53	19.9	829	49	23.5	824	40	19.8	828.8
90°	626.6095	-22.9848	626.6064	-23.4934	626.6227	-23.9817											
60°	626.6097	-22.9818	626.6063	-23.4920	626.6335	-23.9830											
45°	626.6090	-22.9829	626.6080	-23.4886	error 256	error 256											
30°	626.6099	-22.9815	626.6073	-23.4865	626.6331	-23.9884											
15.00	626.6064	-22.9785	626.6043	-23.4946	626.6346	-23.9834	20.4	828	55	19.8	828	50	23.5	823	39	19.9	828.6
90°	626.6100	-22.9832	626.6064	-23.4925	626.6237	-23.9849											
60°	626.6093	-22.9971	626.6066	-23.5003	626.6253	-24.0035											
45°	626.6085	-22.9815	626.6073	-23.4888	error 256	error 256											
30°	626.6089	-22.9698	626.6070	-23.4834	626.6253	-23.9973											
16.00	626.6056	-22.9874	626.6043	-23.4902	626.6315	-23.9797	21.7	829	54	19.9	829	49	24	823	38	21.5	828.3
90°	626.6091	-22.9804	626.6066	-23.4779	626.6275	-23.9596											
60°	626.6090	-22.9803	626.6068	-23.4714	626.6297	-23.9272											
45°	626.6082	-22.9762	626.6065	-23.4957	error 256	error 256											
30°	626.6107	-22.9877	626.6059	-23.5007	626.6339	-23.9130											
17.00	626.6061	-22.9871	626.6045	-23.4917	626.6341	-23.9948	21.6	828	56	19.3	829	52	24	823	38	20.7	828.4
90°	626.6093	-22.9885	626.6060	-23.4957	626.6297	-23.9957											
60°	626.6096	-22.9965	626.6066	-23.4929	626.6352	-23.9995											
45°	626.6087	-22.9952	626.6071	-23.4930	error 256	error 256											
30°	626.6107	-22.9952	626.6065	-23.4825	626.6283	-23.9999											
18.00	626.6072	-22.9707	626.6053	-23.4812	626.6320	-23.9843	19.3	828	68	17.8	828	64	24	823	39	18.4	828.6
90°	626.6094	-22.9742	626.6071	-23.4832	error 256	error 256											
60°	626.6101	-22.9688	626.6080	-23.4848	error 256	error 256											
45°	626.6103	-22.9676	626.6080	-23.4863	error 256	error 256											
30°	626.6105	-22.9689	626.6076	-23.4850	error 256	error 256											

5% Tinted 3.0 mm Glass

Date		Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
10/05/2010		3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time		HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng	6.00	626.6104	-22.9775	626.6077	-23.4977	626.6349	-23.9806	12.6	827	93	13.3	825	92	22	822	40	12.3	827
	90°	626.6119	-22.9802	626.6093	-23.5007	error 256	error 256											
	60°	626.6122	-22.9795	626.6098	-23.4993	error 256	error 256											
	45°	626.6121	-22.9771	626.6092	-23.5008	error 256	error 256											
	30°	626.6129	-22.9784	626.6096	-23.5004	error 256	error 256											
	7.00	626.6099	-22.9902	626.6080	-23.4889	626.6353	-23.9812	12.6	827	93	13.4	825	90	22.5	822	40	12.5	827.2
	90°	626.6116	-22.9872	626.6096	-23.4868	error 256	error 256											
	60°	626.6124	-22.9883	626.6099	-23.4841	error 256	error 256											
	45°	626.6115	-22.9855	626.6089	-23.4869	error 256	error 256											
	30°	626.6122	-22.9884	626.6095	-23.4845	error 256	error 256											
	8.00	626.6098	-22.9777	626.6073	-23.4982	626.6331	-23.9843	12.8	827	92	13.6	825	87	22.5	822	40	12.8	827.3
	90°	626.6120	-22.9829	626.6091	-23.4944	626.6286	-23.9826											

60°	626.6119	-22.9849	626.6096	-23.4950	626.6363	-23.9840											
45°	626.6118	-22.9836	626.6098	-23.4963	error 256	error 256											
30°	626.6121	-22.9829	626.6098	-23.4950	626.6337	-23.9848											
9.00	626.6087	-22.9831	626.6064	-23.4990	626.6313	-23.9752	15.6	827	84	14.1	826	84	22.5	823	40	14.8	827.4
90°	626.6117	-22.9827	626.6079	-23.4911	626.6287	-23.9717											
60°	626.6120	-22.9865	626.6087	-23.4892	626.6335	-23.9770											
45°	626.6106	-22.9887	626.6084	-23.4921	error 275	error 275											
30°	626.6121	-22.9848	626.6090	-23.4956	626.6291	-23.9742											
10.00	626.6065	-22.9971	626.6047	-23.4976	626.6305	-23.9786	18.2	827	68	15.9	826	67	22.5	822	40	18	827.6
90°	626.6096	-23.0005	626.6062	-23.4974	626.6252	-23.9764											
60°	626.6104	-22.9958	626.6067	-23.4952	626.6324	-23.9745											
45°	626.6101	-22.9960	626.6067	-23.4991	error 256	error 256											
30°	626.6103	-22.9941	626.6070	-23.5002	626.6263	-23.9756											
11.00	626.6065	-22.9790	626.6045	-23.4975	626.6298	-23.9827	19.4	827	64	17.2	826	62	22.5	822	40	18.3	827.1
90°	626.6105	-22.9803	626.6061	-23.4998	626.6258	-23.9736											
60°	626.6099	-22.9792	626.6067	-23.4966	626.6329	-23.9767											
45°	626.6102	-22.9821	626.6063	-23.4994	error 256	error 256											
30°	626.6098	-22.9824	626.6064	-23.4983	626.6325	-23.9742											
12.00	626.6066	-22.9925	626.6045	-23.4947	626.6298	-23.9835	19.4	826	65	17.9	825	63	22.5	821	41	18.5	826.3
90°	626.6096	-22.9929	626.6069	-23.4929	626.6315	-23.9955											
60°	626.6096	-22.9952	626.6068	-23.4871	626.6292	-24.0017											
45°	626.6101	-22.9980	626.6066	-23.4820	error 256	error 256											
30°	626.6095	-22.9958	626.6066	-23.4850	626.6266	-24.0007											
13.00	626.6061	-22.9737	626.6038	-23.4967	626.6293	-23.9911	20.1	825	60	19	825	52	23	820	42	19.7	825.7
90°	626.6096	-22.9770	626.6057	-23.4923	626.6256	-23.9810											
60°	626.6093	-22.9796	626.6055	-23.4928	626.6300	-23.9753											
45°	626.6084	-22.9808	626.6054	-23.4920	error 256	error 256											
30°	626.6091	-22.9786	626.6065	-23.4850	626.6339	-23.9775											
14.00	626.6054	-22.9888	626.6038	-23.4903	626.6274	-23.9828	21	825	50	19.5	825	47	23.5	820	40	20.4	824.9
90°	626.6090	-22.9806	626.6051	-23.4904	626.6316	-23.9806											
60°	626.6092	-22.9782	626.6055	-23.4924	626.6296	-23.9834											
45°	626.6091	-22.9792	626.6050	-23.4949	error 256	error 256											
30°	626.6095	-22.9852	626.6059	-23.4934	626.6307	-23.9799											
15.00	626.6057	-22.9808	626.6039	-23.4966	626.6312	-23.9869	20.2	824	49	19.6	824	46	23.5	819	39	19.7	824.3
90°	626.6093	-22.9880	626.6054	-23.4954	626.6354	-23.9833											
60°	626.6087	-22.9907	626.6056	-23.4961	626.6326	-23.9865											
45°	626.6097	-22.9872	626.6054	-23.5003	error 256	error 256											
30°	626.6097	-22.9937	626.6057	-23.4985	626.6338	-23.9905											
16.00	626.6062	-22.9863	626.6032	-23.4987	626.6295	-23.9838	20.2	824	49	20	824	47	23.5	819	38	19.6	824.4
90°	626.6095	-22.9765	626.6056	-23.4950	626.6357	-23.9561											
60°	626.6097	-22.9623	626.6056	-23.4852	626.6240	-23.9848											
45°	626.6086	-22.9865	626.6054	-23.4906	error 256	error 256											
30°	626.6092	-22.9946	626.6052	-23.4879	626.6266	-24.0006											
17.00	626.6065	-22.9750	626.6036	-23.4972	626.6350	-24.0007	18.9	824	53	19.1	824	47	23.5	819	37	18.9	824.4

90°	626.6089	-22.9646	626.6056	-23.4986	626.6285	-24.0003												
60°	626.6094	-22.9870	626.6059	-23.4886	626.6310	-23.9884												
45°	626.6087	-22.9886	626.6058	-23.4816	error 256	error 256												
30°	626.6093	-22.9810	626.6066	-23.4804	626.6275	-23.9847												
18.00	626.6069	-22.9654	626.6044	-23.4846	626.6305	-23.9856	18.6	824	54	17.8	824	49	23	820	35	18.4	824.9	
90°	626.6098	-22.9638	626.6057	-23.4851	error 256	error 256												
60°	626.6097	-22.9600	626.6063	-23.4847	error 256	error 256												
45°	626.6092	-22.9640	626.6069	-23.4813	error 256	error 256												
30°	626.6098	-22.9612	626.6067	-23.4865	error 256	error 256												

5% Tinted 3.0 mm Glass

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
11/05/2010	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.6114	-22.9957	626.6092	-23.4895	626.6356	-23.9837	9	826	48	8.8	823	44	20.5	820	31	8.7	825.5
90°	626.6148	-22.9958	626.6109	-23.4928	error 256	error 256											
60°	626.6142	-22.9973	626.6114	-23.4935	error 256	error 256											
45°	626.6133	-22.9906	626.6118	-23.4885	error 256	error 256											
30°	626.6151	-22.9915	626.6106	-23.4920	error 256	error 256											
7.00	626.6117	-22.9911	626.6093	-23.4913	626.6336	-23.9816	9	826	46	9	824	41	20.5	820	31	8.9	825.6
90°	626.6148	-22.9898	626.6111	-23.4951	626.6396	-23.9815											
60°	626.6149	-22.9874	626.6120	-23.4921	626.6340	-23.9796											
45°	626.6132	-22.9867	626.6117	-23.4964	error 256	error 256											
30°	626.6149	-22.9845	626.6117	-23.4936	626.6332	-23.9793											
8.00	626.6115	-22.9847	626.6092	-23.4956	626.6331	-23.9834	10.6	826	44	9.9	825	39	20.5	821	31	10	826.5
90°	626.6149	-22.9842	626.6108	-23.4943	626.6313	-23.9791											
60°	626.6147	-22.9782	626.6114	-23.4951	626.6370	-23.9791											
45°	626.6139	-22.9801	626.6119	-23.4932	error 256	error 256											
30°	626.6143	-22.9775	626.6111	-23.4917	626.6308	-23.9791											
9.00	626.6097	-22.9963	626.6081	-23.4928	626.6331	-23.9829	12.6	827	40.0	11.5	826	36	20.5	822	31	11.8	827
90°	626.6131	-22.9958	626.6096	-23.4901	626.6286	-23.9816											
60°	626.6134	-22.9934	626.6104	-23.4891	626.6304	-23.9806											
45°	626.6130	-22.9934	626.6099	-23.4883	error 275	error 276											
30°	626.6133	-22.9906	626.6098	-23.4880	626.6358	-23.9767											
10.00	626.6095	-22.9902	626.6074	-23.4996	626.6313	-23.9873	14.1	827	38	12.9	826	35	21	822	30	13.2	827.6
90°	626.6119	-22.9896	626.6087	-23.4944	626.6280	-23.9871											
60°	626.6122	-22.9904	626.6098	-23.4925	626.6290	-23.9849											
45°	626.6116	-22.9866	626.6100	-23.4935	error 256	error 257											
30°	626.6118	-22.9872	626.6096	-23.4941	626.6300	-23.9814											
11.00	626.6085	-22.9900	626.6064	-23.4926	626.6312	-23.9888	15.3	827	34	13.8	826	33	21	822	30	14.6	827.2
90°	626.6109	-22.9847	626.6082	-23.4925	626.6367	-23.9879											
60°	626.6112	-22.9830	626.6081	-23.4860	626.6287	-23.9851											

45°	626.6107	-22.9861	626.6090	-23.4885	error 256	error 257											
30°	626.6111	-22.9811	626.6083	-23.4913	626.6352	-23.9812											
12.00	626.6080	-22.9844	626.6062	-23.4909	626.6324	-23.9914	17.6	827	32	14.8	826	28	21	822	29	16.4	827
90°	626.6108	-22.9889	626.6076	-23.4900	626.6281	-23.9917											
60°	626.6105	-22.9853	626.6081	-23.4861	626.6337	-23.9911											
45°	626.6106	-22.9802	626.6084	-23.4833	error 256	error 256											
30°	626.6097	-22.9840	626.6082	-23.4849	626.6329	-23.9908											
13.00	626.6075	-22.9859	626.6056	-23.4873	626.6305	-23.9940	18	826	24	15.9	825	22	21	821	28	17.8	826.5
90°	626.6108	-22.9816	626.6070	-23.4846	626.6348	-23.9870											
60°	626.6104	-22.9801	626.6079	-23.4830	626.6323	-23.9898											
45°	626.6108	-22.9802	626.6073	-23.4812	error 256	error 256											
30°	626.6098	-22.9802	626.6075	-23.4781	626.6339	-23.9875											
14.00	626.6065	-22.9828	626.6048	-23.4918	626.6310	-23.9955	19.6	826	23	16.5	825	24	21	821	26	19.3	826
90°	626.6098	-22.9859	626.6069	-23.4929	626.6354	-23.9876											
60°	626.6097	-22.9797	626.6068	-23.4928	626.6298	-23.9814											
45°	626.6100	-22.9771	626.6069	-23.4891	error 256	error 256											
30°	626.6094	-22.9760	626.6072	-23.4884	626.6291	-23.9772											
15.00	626.6065	-22.9833	626.6055	-23.4811	626.6318	-23.9804	20.2	826	22	17	825	21	21.5	820	25	19.7	825.8
90°	626.6102	-22.9905	626.6071	-23.4841	626.6331	-23.9772											
60°	626.6100	-22.9945	626.6072	-23.4909	626.6334	-23.9927											
45°	626.6097	-22.9862	626.6074	-23.4963	error 256	error 256											
30°	626.6096	-22.9744	626.6076	-23.4954	626.6338	-23.9942											
16.00	626.6070	-22.9846	626.6052	-23.4872	626.6298	-23.9882	20.4	826	22.0	17	826	23	21.5	821	25	19.5	825.8
90°	626.6105	-22.9811	626.6071	-23.4961	626.6350	-23.9755											
60°	626.6101	-22.9948	626.6073	-23.4983	626.6311	-23.9756											
45°	626.6107	-22.9940	626.6076	-23.4874	error 256	error 256											
30°	626.6095	-22.9941	626.6068	-23.4948	626.6266	-23.9540											
17.00	626.6070	-22.9952	626.6056	-23.4871	626.6300	-23.9813	20.6	826	22	17.3	826	24	22.5	821	25	19.6	826.1
90°	626.6104	-22.9753	626.6075	-23.4842	626.6334	-23.9724											
60°	626.6106	-22.9853	626.6079	-23.4903	626.6301	-23.9562											
45°	626.6106	-22.9812	626.6078	-23.4853	error 256	error 256											
30°	626.6105	-22.9850	626.6073	-23.4895	626.6311	-23.9500											
18.00	626.6073	-22.9847	626.6053	-23.4868	626.6318	-23.9988	17	827	28	15.5	827	29	21.5	821	24	16.3	826.8
90°	626.6109	-22.9923	626.6073	-23.4855	error 256	error 257											
60°	626.6112	-22.9910	626.6074	-23.4862	error 256	error 257											
45°	626.6096	-22.9914	626.6074	-23.4850	error 256	error 257											
30°	626.6104	-22.9943	626.6080	-23.4858	error 256	error 257											

50% Tinted 3.0 mm Glass

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
12/05/2010	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.6107	-22.9759	626.6078	-23.4750	626.6357	-23.9746	13.6	828	52	9.6	828	53	24	824	25	13.2	829.3
90°	626.6132	-22.9770	626.6106	-23.4665													
60°	626.6133	-22.9690	626.6105	-23.4646													
45°	626.6144	-22.9717	626.6107	-23.4662													
30°	626.6142	-22.9771	626.6108	-23.4673													
7.00	626.6105	-22.9732	626.6077	-23.4734	626.6313	-23.9610	13.5	829	51	9.5	828	57	24.5	824	25	13.2	829.5
90°	626.6133	-22.9727	626.6103	-23.4741													
60°	626.6135	-22.9688	626.6102	-23.4718													
45°	626.6146	-22.9694	626.6099	-23.4727													
30°	626.6133	-22.9717	626.6097	-23.4741													
8.00	626.6100	-22.9736	626.6074	-23.4779	626.6303	-23.9932	15.2	829	50	10.4	829	52	24.5	824	25	14.6	829.9
90°	626.6122	-22.9773	626.6097	-23.4732													
60°	626.6136	-22.9729	626.6095	-23.4714													
45°	626.6149	-22.9683	626.6101	-23.4738													
30°	error 254	error 255	626.6102	-23.4717													
9.00	626.6086	-22.9702	626.6064	-23.4734	626.6331	-23.9807	17.2	830	45	13	830	50	24.5	825	24	16.5	830.3
90°	626.6113	-22.9693	626.6091	-23.4707													
60°	626.6121	-22.9650	626.6089	-23.4674													
45°	626.6142	-22.9697	626.6100	-23.4942													
30°	error 254	error 255	626.6090	-23.4934													
10.00	626.6081	-22.9818	626.6055	-23.4919	626.6313	-23.9880	18.7	829	43	14.6	830	47	24.5	825	24	17.4	830.4
90°	626.6113	-22.9778	626.6080	-23.4850													
60°	626.6108	-22.9751	626.6073	-23.4838													
45°	626.6115	-22.9727	626.6088	-23.4821													
30°	error 254	error 255	626.6087	-23.4834													
11.00	626.6073	-22.9749	626.6048	-23.4822	626.6311	-23.9900	19.4	829	41	15.8	830	46	24.5	825	24	18.7	830.2
90°	626.6094	-22.9798	626.6070	-23.4818													
60°	626.6101	-22.9719	626.6072	-23.4827													
45°	626.6116	-22.9701	626.6079	-23.4776													
30°	error 254	error 255	626.6075	-23.4817													
12.00	626.6071	-22.9753	626.6046	-23.4849	626.6294	-24.0006	20.8	828	41	17.8	829	44	24.5	825	24	19.5	829.9
90°	626.6091	-22.9785	626.6067	-23.4858													
60°	626.6092	-22.9797	626.6077	-23.4834													
45°	626.6113	-22.9807	626.6083	-23.4844													
30°	error 254	error 255	626.6072	-23.4800													
13.00	626.6061	-22.9710	626.6037	-23.4927	626.6301	-23.9845	21.8	828	39	19.1	829	39	24.5	825	24	20.8	829.3
90°	626.6082	-22.9686	626.6052	-23.4970													
60°	626.6095	-22.9686	626.6060	-23.4974													
45°	626.6102	-22.9643	626.6059	-23.4887													

30°	error 254	error 255	626.6068	-23.4882													
14.00	626.6059	-22.9901	626.6037	-23.4955	626.6301	-23.9836	22.8	828	35	19.8	829	38	25	823	26	21.3	828.5
90°	626.6079	-22.9922	626.6050	-23.4997													
60°	626.6089	-22.9873	626.6059	-23.4948													
45°	626.6102	-22.9784	626.6065	-23.4940													
30°	error 254	error 255	626.6060	-23.4955													
15.00	626.6054	-23.0004	626.6039	-23.4887	626.6302	-23.9719	23	828	31	20.5	829	35	25	823	26	21.8	828.2
90°	626.6077	-23.0026	626.6057	-23.4874													
60°	626.6077	-23.0174	626.6065	-23.4745													
45°	626.6077	-22.9840	626.6067	-23.4780													
30°	error 254	error 255	626.6061	-23.4693													
16.00	626.6069	-22.9620	626.6035	-23.4910	626.6308	-23.9971	22.1	828	32	20.4	829	35	25	823	24	22.1	828.1
90°	626.6097	-22.9543	626.6053	-23.4957													
60°	626.6092	-22.9691	626.6061	-23.4920													
45°	626.6098	-22.9654	626.6058	-23.4943													
30°	error 254	error 255	626.6068	-23.4801													
17.00	626.6062	-22.9874	626.6042	-23.4847	626.6305	-23.9986	21.8	828	34	19.8	829	38	25	823	25	21	828.5
90°	626.6087	-22.9989	626.6069	-23.4822													
60°	626.6094	-22.9688	626.6071	-23.4733													
45°	626.6102	-22.9652	626.6067	-23.4876													
30°	error 254	error 255	626.6068	-23.4752													
18.00	626.6073	-22.9741	626.6042	-23.4974	626.6301	-24.0038	19.2	829	45	17.3	829	48	24	824	26	18.5	828.9
90°	626.6105	-22.9719	626.6071	-23.4977													
60°	626.6105	-22.9722	626.6064	-23.4966													
45°	626.6102	-22.9724	626.6076	-23.4967													
30°	error 254	error 255	626.6079	-23.4972													

50% Tinted 3.0 mm Glass

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
13/05/2010	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.6107	-22.9702	626.6073	-23.4893	626.6335	-23.9811	14.5	830	76	12	828	76	24.5	824	30	14.4	829.6
90°	626.6122	-22.9712	626.6089	-23.4932	0.1275	0.2451											
60°	626.6132	-22.9656	626.6090	-23.4874	0.0865	0.2467											
45°	626.6154	-22.9678	626.6103	-23.4890	4.6237	0.0710											
30°	626.6148	-22.9691	626.6093	-23.4892	0.0865	0.2466											
7.00	626.6101	-22.9651	626.6075	-23.4787	626.6328	-23.9709	14.7	830	76	12.1	828	77	24.5	824	30	14.6	829.9
90°	626.6123	-22.9676	626.6092	-23.4768	0.1222	0.2453											
60°	626.6126	-22.9644	626.6089	-23.4777													
45°	626.6133	-22.9634	626.6098	-23.4750													
30°	626.6137	-22.9646	626.6095	-23.4734													
8.00	626.6093	-22.9850	626.6065	-23.4996	626.6306	-23.9775	16.2	830	73	13.5	830	74	25	825	30	15.5	830.5
90°	626.6110	-22.9820	626.6083	-23.5001													

60°	626.6131	-22.9803	626.6090	-23.4975													
45°	626.6137	-22.9826	626.6088	-23.4919													
30°	626.6113	-22.9857	626.6082	-23.4979													
9.00	626.6075	-22.9919	626.6055	-23.4973	626.6288	-23.9968	18.2	831	70	15.2	830	66	25.5	826	30	17.2	830.9
90°	626.6090	-22.9900	626.6071	-23.4986													
60°	626.6111	-22.9874	626.6074	-23.5001													
45°	626.6117	-22.9923	626.6082	-23.4964													
30°	error 254	error 254	626.6076	-23.4964													
10.00	626.6072	-22.9929	626.6053	-23.4901	626.6254	-24.0028	18.6	831	69	16.5	831	63	25.5	826	30	17.9	831.3
90°	626.6098	-22.9943	626.6076	-23.4881													
60°	626.6103	-22.9919	626.6074	-23.4874													
45°	626.6123	-22.9952	626.6075	-23.4877													
30°	error 254	error 254	626.6084	-23.4861													
11.00	626.6065	-22.9879	626.6049	-23.4860	626.6254	-24.0028	20.6	831	64	18	831	58	25.5	826	31	19.9	830.9
90°	626.6077	-22.9871	626.6072	-23.4759													
60°	626.6092	-22.9883	626.6077	-23.4714													
45°	626.6100	-22.9868	626.6085	-23.4735													
30°	626.6097	-22.9887	626.6084	-23.4705													
12.00	626.6065	-22.9773	626.6040	-23.4951	626.6249	-24.0087	20.6	830	60	18.8	830	52	26	826	31	19.7	830.2
90°	626.6085	-22.9748	626.6066	-23.4938													
60°	626.6087	-22.9752	626.6066	-23.4903													
45°	626.6089	-22.9704	626.6075	-23.4900													
30°	error 254	error 254	626.6074	-23.4916													
13.00	626.6071	-22.9749	626.6044	-23.5007	626.6301	-23.9925	19.3	830	58	19.4	830	48	26	826	31	18.9	830
90°	626.6094	-22.9755	626.6066	-23.4988													
60°	626.6094	-22.9797	626.6068	-23.5002													
45°	626.6097	-22.9750	626.6073	-23.5002													
30°	626.6098	-22.9781	626.6078	-23.4995													
14.00	626.6068	-22.9867	626.6045	-23.4995	626.6310	-23.9921	18.6	829	63	18.6	829	55	26	824	31	18.5	829.6
90°	626.6086	-22.9863	626.6058	-23.4980													
60°	626.6098	-22.9770	626.6067	-23.4976													
45°	626.6092	-22.9736	626.6068	-23.4978													
30°	error 254	error 254	626.6075	-23.5002													
15.00	626.6066	-22.9800	626.6048	-23.4843	626.6301	-23.9988	22.4	829	40	18.6	829	44	24.5	824	31	21.9	829.1
90°	626.6099	-22.9831	626.6068	-23.5000													
60°	626.6092	-22.9977	626.6070	-23.4883													
45°	626.6095	-22.9914	626.6074	-23.4947													
30°	error 254	error 254	626.6067	-23.4989													
16.00	626.6071	-22.9786	626.6048	-23.4958	626.6320	-23.9901	21.8	829	45	17.8	829	48	24.5	824	31	20	829.4
90°	626.6093	-22.9784	626.6066	-23.4954													
60°	626.6103	-22.9762	626.6072	-23.4896													
45°	626.6101	-22.9758	626.6080	-23.4858													
30°	626.6111	-22.9784	626.6077	-23.4883													
17.00	626.6072	-22.9829	626.6047	-23.5002	626.6316	-23.9979	21.4	829	45	17.3	830	52	24.5	824	31	20.6	829.5

90°	626.6095	-22.9687	626.6074	-23.4963													
60°	626.6109	-22.9488	626.6076	-23.4888													
45°	626.6110	-22.9406	626.6083	-23.4922													
30°	626.6113	-22.9488	626.6073	-23.4870													
18.00	626.6076	-22.9788	626.6054	-23.4893	626.6314	-23.9864	19.1	829	52	16	829	58	24	825	30	18.3	829.9
90°	626.6100	-22.9791	626.6065	-23.4989													
60°	626.6106	-22.9791	626.6075	-23.4947													
45°	626.6105	-22.9804	626.6079	-23.4991													
30°	626.6098	-22.9828	626.6085	-23.4953													

50% Tinted 3.0 mm Glass																	
Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
14/05/2010	3.0mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	626.6106	-22.9333	626.6067	-23.4804	626.6343	-23.9727	16.6	830	69	13.3	830	71	24.5	826	31	15.9	830.9
90°	626.6134	-22.9297	626.6086	-23.4824													
60°	626.6133	-22.9306	626.6096	-23.4794													
45°	626.6151	-22.9312	626.6099	-23.4805													
30°	626.6132	-22.9314	626.6102	-23.4799													
7.00	626.6097	-22.9793	626.6065	-23.4767	626.6340	-23.9796	17.8	830	68	13.3	830	73	24.5	826	31	16.7	831.1
90°	626.6120	-22.9815	626.6098	-23.4756													
60°	626.6123	-22.9789	626.6096	-23.4740													
45°	626.6118	-22.9807	626.6099	-23.4748													
30°	626.6125	-22.9837	626.6102	-23.4753													
8.00	626.6089	-22.9888	626.6068	-23.4892	626.6327	-23.9713	19.2	830	68	13.8	830	73	24.5	826	31	17.1	831.6
90°	626.6112	-22.9852	626.6095	-23.4862													
60°	626.6125	-22.9818	626.6092	-23.4849													
45°	626.6138	-22.9803	626.6101	-23.4819													
30°	error 254	error 254	626.6102	-23.4825													
9.00	626.6083	-22.9826	626.6065	-23.4983	626.6275	-23.9801	19.2	832	71	15.2	831	67	25	827	31	17.1	832.3
90°	626.6108	-22.9827	626.6080	-23.4990													
60°	626.6114	-22.9820	626.6090	-23.5004													
45°	626.6138	-22.9767	626.6088	-23.4994													
30°	error 254	error 254	626.6096	-23.4990													
10.00	626.6082	-22.9843	626.6061	-23.4857	626.6328	-23.9805	18.3	832	72	16.2	832	63	24.5	827	31	17.2	832.4
90°	626.6101	-22.9858	626.6087	-23.4886													
60°	626.6105	-22.9838	626.6082	-23.4876													
45°	626.6106	-22.9879	626.6089	-23.4837													
30°	626.6107	-22.9847	626.6104	-23.4837													
11.00	626.6077	-22.9805	626.6056	-23.4892	626.6253	-23.9968	19.2	832	63	17.3	832	58	25	827	32	18.7	832.4
90°	626.6098	-22.9916	626.6082	-23.4837													
60°	626.6097	-22.9937	626.6084	-23.4818													
45°	626.6103	-23.0005	626.6089	-23.4815													

30°	error 254	error 254	626.6086	-23.4790													
12.00	626.6069	-22.9838	626.6047	-23.4930	626.6267	-23.9985	20.6	832	61	18.1	832	53	25.5	827	32	19.7	831.8
90°	626.6094	-22.9725	626.6070	-23.4916													
60°	626.6097	-22.9659	626.6068	-23.4891													
45°	626.6111	-22.9765	626.6085	-23.4878													
30°	626.6105	-22.9714	626.6090	-23.4871													
13.00	626.6064	-22.9984	626.6045	-23.4910	626.6293	-23.9666	22	831	57	18.6	831	50	25	826	32	20.1	831.1
90°	626.6089	-23.0005	626.6069	-23.4910													
60°	626.6091	-22.9982	626.6071	-23.4950													
45°	626.6109	-22.9992	626.6077	-23.4947													
30°	626.6084	-22.9920	626.6076	-23.4942													
14.00	626.6063	-22.9854	626.6045	-23.4943	626.6300	-23.9652	21.5	830	50	19.2	830	47	24.5	825	32	20.3	830.2
90°	626.6083	-22.9864	626.6070	-23.4875													
60°	626.6087	-22.9895	626.6070	-23.4907													
45°	626.6089	-22.9816	626.6073	-23.4862													
30°	626.6106	-22.9748	626.6073	-23.4842													
15.00	626.6064	-22.9610	626.6043	-23.4880	626.6314	-23.9760	21.7	830	49	19.5	830	47	24	825	32	21.2	830
90°	626.6082	-22.9708	626.6061	-23.4940													
60°	626.6092	-22.9721	626.6069	-23.4945													
45°	626.6102	-22.9569	626.6070	-23.4948													
30°	error 254	error 254	626.6070	-23.4970													
16.00	626.6064	-22.9844	626.6044	-23.4907	626.6344	-23.9831	22.4	830	47	19.4	830	46	24	825	32	21.3	830
90°	626.6087	-22.9825	626.6069	-23.4881													
60°	626.6094	-22.9965	626.6072	-23.4845													
45°	626.6099	-23.0000	626.6066	-23.4988													
30°	626.6082	-22.9820	626.6072	-23.4854													
17.00	626.6062	-22.9947	626.6048	-23.4864	626.6312	-23.9784	21.9	830	50	18.8	831	48	24	825	32	21.2	830.1
90°	626.6083	-22.9986	626.6071	-23.4909													
60°	626.6088	-22.9995	626.6073	-23.4921													
45°	626.6094	-22.9927	626.6073	-23.4914													
30°	626.6093	-22.9883	626.6071	-23.4933													
18.00	626.6080	-22.9636	626.6052	-23.4888	626.6303	-23.9638	19.2	830	63	17.2	830	57	24	825	32	18.7	830.3
90°	626.6098	-22.9689	626.6072	-23.4899													
60°	626.6101	-22.9651	626.6077	-23.4851													
45°	626.6116	-22.9666	626.6083	-23.4861													
30°	626.6100	-22.9695	626.6081	-23.4867													

APPENDIX D

Appendix D.2: Raw Data for Glass Shape Tests

	Glass Shape Test						
Date: 17/05/2010	No Glass						
S/No	HD	VD	HZ	V	Temp (°C)	Pressure (mba)	Hum (%)
1	42.2911	-12.3846	290°00'51"	16°38'02"	15.5	829.9	11
2	42.2909	-12.3844	290°00'51"	16°38'02"	15.5	829.9	11
3	42.2908	-12.3843	290°00'51"	16°38'01"	15.5	829.9	11
4	42.2908	-12.3845	290°00'52"	16°38'03"	15.5	829.9	11
5	42.2911	-12.3846	290°00'52"	16°38'03"	15.5	829.9	11
6	42.2907	-12.3846	290°00'51"	16°38'03"	15.5	829.9	11
7	42.2911	-12.3846	290°00'51"	16°38'03"	15.5	829.9	11
8	42.2908	-12.3848	290°00'50"	16°38'03"	15.5	829.9	11
9	42.2906	-12.3848	290°00'51"	16°38'03"	15.5	829.9	11
10	42.2907	-12.3848	290°00'53"	16°38'02"	15.5	829.9	11
11	42.2909	-12.3848	290°00'53"	16°38'02"	15.5	829.9	11
12	42.2909	-12.3848	290°00'53"	16°38'02"	15.5	829.9	11
13	42.2908	-12.3845	290°00'53"	16°38'03"	15.5	829.9	11
14	42.2909	-12.3848	290°00'53"	16°38'03"	15.5	829.9	11
15	42.2908	-12.3848	290°00'51"	16°38'03"	15.5	829.9	11
16	42.2909	-12.3848	290°00'51"	16°38'03"	15.5	829.9	11
17	42.2908	-12.3847	290°00'52"	16°38'01"	15.5	829.9	11
18	42.2909	-12.3848	290°00'51"	16°38'00"	15.5	829.9	11
19	42.2908	-12.3846	290°00'52"	16°38'00"	15.5	829.9	11
20	42.2908	-12.3848	290°00'51"	16°38'01"	15.5	829.9	11
	2.0 mm Plane Clear Float Glass						
1	42.2921	-12.3848	290°00'50"	16°37'59"	15.6	829.9	11
2	42.2921	-12.3848	290°00'52"	16°37'59"	15.6	829.9	11
3	42.2922	-12.3846	290°00'51"	16°37'59"	15.6	829.9	11
4	42.2921	-12.3845	290°00'51"	16°38'00"	15.6	829.9	11
5	42.292	-12.3845	290°00'51"	16°38'00"	15.6	829.9	11
6	42.2919	-12.3844	290°00'51"	16°38'00"	15.6	829.9	11
7	42.2923	-12.3844	290°00'51"	16°38'00"	15.6	829.9	11
8	42.2924	-12.3844	290°00'50"	16°38'02"	15.6	829.9	11
9	42.2921	-12.3848	290°00'49"	16°38'02"	15.6	829.9	11
10	42.2921	-12.3847	290°00'50"	16°38'02"	15.6	829.9	11
11	42.2921	-12.3845	290°00'50"	16°38'00"	15.6	829.9	11
12	42.2921	-12.3848	290°00'51"	16°38'01"	15.6	829.9	11
13	42.2921	-12.3848	290°00'51"	16°38'01"	15.6	829.9	11
14	42.2921	-12.3848	290°00'51"	16°38'00"	15.6	829.9	11
15	42.2922	-12.3848	290°00'50"	16°38'00"	15.6	829.9	11
16	42.2921	-12.3846	290°00'52"	16°38'00"	15.6	829.9	11
17	42.2924	-12.3846	290°00'52"	16°38'00"	15.6	829.9	11

18	42.2922	-12.3846	290°00'52"	16°38'03"	15.6	829.9	11
19	42.2922	-12.3845	290°00'50"	16°38'03"	15.6	829.9	11
20	42.2922	-12.3844	290°00'50"	16°38'01"	15.6	829.9	11
	2.0 mm Convcave Clear Float Glass						
1	42.2923	-12.3848	290°00'50"	16°38'01"	15.8	830	10
2	42.2924	-12.3848	290°00'51"	16°38'01"	15.8	830	10
3	42.2922	-12.3847	290°00'50"	16°38'01"	15.8	830	10
4	42.2919	-12.3848	290°00'50"	16°38'01"	15.8	830	10
5	42.2921	-12.3850	290°00'50"	16°38'02"	15.8	830	10
6	42.2922	-12.3848	290°00'50"	16°38'02"	15.8	830	10
7	42.2922	-12.3848	290°00'50"	16°38'02"	15.8	830	10
8	42.2922	-12.3849	290°00'50"	16°38'01"	15.8	830	10
9	42.2920	-12.3848	290°00'52"	16°38'01"	15.8	830	10
10	42.2919	-12.3849	290°00'51"	16°38'01"	15.8	830	10
11	42.2919	-12.3850	290°00'51"	16°38'01"	15.8	830	10
12	42.2921	-12.3848	290°00'51"	16°38'01"	15.8	830	10
13	42.2921	-12.3848	290°00'52"	16°38'01"	15.8	830	10
14	42.2921	-12.3847	290°00'52"	16°38'00"	15.8	830	10
15	42.2922	-12.3848	290°00'53"	16°38'01"	15.8	830	10
16	42.2921	-12.3848	290°00'50"	16°38'01"	15.8	830	10
17	42.2921	-12.3848	290°00'50"	16°38'01"	15.8	830	10
18	42.2922	-12.3848	290°00'50"	16°38'01"	15.8	830	10
19	42.2922	-12.3850	290°00'50"	16°38'01"	15.8	830	10
20	42.2920	-12.3848	290°00'51"	16°38'02"	15.8	830	10
	2.0 mm Convex Clear Float Glass						
1	42.2927	-12.3844	290°00'50"	16°38'00"	16	830	10
2	42.2926	-12.3844	290°00'50"	16°38'01"	16	830	10
3	42.2926	-12.3847	290°00'53"	16°38'03"	16	830	10
4	42.2926	-12.3846	290°00'53"	16°38'00"	16	830	10
5	42.2928	-12.3845	290°00'53"	16°38'01"	16	830	10
6	42.2928	-12.3844	290°00'51"	16°38'02"	16	830	10
7	42.2929	-12.3848	290°00'50"	16°38'02"	16	830	10
8	42.2929	-12.3848	290°00'52"	16°38'00"	16	830	10
9	42.2927	-12.3848	290°00'50"	16°38'01"	16	830	10
10	42.2929	-12.3846	290°00'50"	16°38'01"	16	830	10
11	42.2927	-12.3846	290°00'49"	16°38'03"	16	830	10
12	42.2927	-12.3845	290°00'50"	16°38'03"	16	830	10
13	42.2929	-12.3847	290°00'51"	16°38'03"	16	830	10
14	42.2930	-12.3847	290°00'51"	16°38'03"	16	830	10
15	42.2930	-12.3844	290°00'51"	16°38'01"	16	830	10
16	42.2930	-12.3848	290°00'50"	16°38'00"	16	830	10
17	42.2931	-12.3849	290°00'52"	16°38'01"	16	830	10
18	42.2930	-12.3847	290°00'50"	16°38'01"	16	830	10
19	42.2931	-12.3847	290°00'51"	16°38'02"	16	830	10

20	42.2931	-12.3846	290°00'50"	16°38'01"	16	830	10
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Appendix D.3: Raw Data for Effect of Distance between Total Station and its Shelter Window Glass Test

Date	Sno	Glass Dist	time	HD	VD	HZ	V	Temp	Pres	Hum
26/06/2010	1	Ng	07:22	18.7864	0.0257	271°1'58"	-00°06'41"	22.5	833	34
	2			18.7865						
	3			18.7865						
	4			18.7865						
	5			18.7865						
	6			18.7864						
	7			18.7865						
	8			18.7864						
	9			18.7866						
	10			18.7864						
	11			18.7864						
	12			18.7865						
	13			18.7864						
	14			18.7864						
	15			18.7864						
	16			18.7865						
	17			18.7866						
	18			18.7865				22.5	832	34
	19			18.7866						
	20			18.7866						
	1	0.3	07:57	18.7878	0.0255	271°1'58"	-00°06'40"	22.5	832	34
	2			18.7879						
	3			18.7877						
	4			18.7877						
	5			18.7879						
	6			18.7878						
	7			18.7878						
	8			18.7878						
	9			18.7878						
	10			18.7878						
	11			18.7878						
	12			18.7879						
	13			18.7877						
	14			18.7877						
	15			18.7878						

	16			18.7878						
	17			18.7878						
	18			18.7878						
	19			18.7877						
	20			18.7879						
	1	0.4	07:31	18.7877	0.0256	271°1'58"	-00°06'39"	22.5	832	34
	2			18.7877						
	3			18.7877						
	4			18.7877						
	5			18.7878						
	6			18.7879						
	7			18.7879						
	8			18.7878						
	9			18.7878						
	10			18.7878						
	11			18.7878						
	12			18.7878						
	13			18.7879						
	14			18.7877						
	15			18.7877						
	16			18.7879						
	17			18.7877						
	18			18.7877						
	19			18.7878						
	20			18.7877						
	0.5	0.5	08:55	18.7878	0.0256	271°1'58"	-00°06'39"	22.5	832	34
	2			18.7878						
	3			18.7878						
	4			18.7878						
	5			18.7879						
	6			18.7879						
	7			18.7878						
	8			18.7878						
	9			18.7877						
	10			18.7877						
	11			18.7877						
	12			18.7877						
	13			18.7878						
	14			18.7879						
	15			18.7878						

	16			18.7878						
	17			18.7877						
	18			18.7877						
	19			18.7878						
	20			18.7879						
	1	0.6	09:10	18.7878	0.0256	271°1'58"	-00°06'40"	22.5	832	34
	2			18.7878						
	3			18.7877						
	4			18.7877						
	5			18.7877						
	6			18.7877						
	7			18.7878						
	8			18.7878						
	9			18.7879						
	10			18.7877						
	11			18.7879						
	12			18.7878						
	13			18.7878						
	14			18.7878						
	15			18.7878						
	16			18.7879						
	17			18.7877						
	18			18.7877						
	19			18.7877						
	20			18.7879						
	1	0.5	09:39	18.7877	0.0256	271°1'58"	-00°06'41"	22.5	832	34
	2	2		18.7877						
	3	3		18.7879						
	4	4		18.7878						
	5	5		18.7878						
	6	6		18.7878						
	7	7		18.7878						
	8	8		18.7878						
	9	9		18.7878						
	10	10		18.7877						
	11	11		18.7879						
	12	12		18.7879						
	13	13		18.7879						
	14	14		18.7878						
	15	15		18.7878						

	16	16		18.7878						
	17	17		18.7878						
	18	18		18.7877						
	19	19		18.7877						
	20	20		18.7876						
	1	0.8	10:04	18.7878	0.0257	271°1'58"	-00°06'39"	22.5	832	35
	2			18.7877						
	3			18.7878						
	4			18.7878						
	5			18.7878						
	6			18.7878						
	7			18.7878						
	8			18.7878						
	9			18.7879						
	10			18.7879						
	11			18.7878						
	12			18.7877						
	13			18.7877						
	14			18.7877						
	15			18.7877						
	16			18.7877						
	17			18.7877						
	18			18.7878						
	19			18.7878						
	20	20		18.7878						
	1	0.9	10:31	18.7877	0.0256	271°1'58"	-00°06'40"	22.5	832	35
	2			18.7877						
	3			18.7878						
	4			18.7878						
	5			18.7879						
	6			18.7877						
	7			18.7877						
	8			18.7877						
	9			18.7878						
	10			18.7878						
	11			18.7878						
	12			18.7878						
	13			18.7878						
	14			18.7878						
	15			18.7878						

	16			18.7878						
	17			18.7878						
	18			18.7878						
	19			18.7878						
	20			18.7879						
	1	1	10:49	18.7878	0.0256	271°1'58"	-00°06'41"	22.5	832	34
	2			18.7879						
	3			18.7879						
	4			18.7879						
	5			18.7878						
	6			18.7878						
	7			18.7878						
	8			18.7877						
	9			18.7877						
	10			18.7878						
	11			18.7878						
	12			18.7878						
	13			18.7878						
	14			18.7878						
	15			18.7878						
	16			18.7878						
	17			18.7878						
	18			18.7878						
	19			18.7878						
	20			18.7877						
	1	1.1	11:22	18.7879	0.0255	271°1'58"	-00°06'40"	22.5	832	34
	2			18.7879						
	3			18.7878						
	4			18.7878						
	5			18.7878						
	6			18.7877						
	7			18.7878						
	8			18.7878						
	9			18.7877						
	10			18.7877						
	11			18.7879						
	12			18.7878						
	13			18.7878						
	14			18.7878						
	15			18.7878						

	16			18.7878						
	17			18.7878						
	18			18.7878						
	19			18.7877						
	20			18.7877						
	1	1.2	11:41	18.7878	0.0257	271°1'58"	-00°06'41"	22.5	833	34
	2			18.7879						
	3			18.7878						
	4			18.7878						
	5			18.7878						
	6			18.7878						
	7			18.7878						
	8			18.7878						
	9			18.7878						
	10			18.7879						
	11			18.7878						
	12			18.7877						
	13			18.7877						
	14			18.7878						
	15			18.7878						
	16			18.7877						
	17			18.7876						
	18			18.7878						
	19			18.7878						
	20			18.7878						
	1	1.3	12:06	18.7877	0.0256	271°1'58"	-00°06'41"	22.5	833	34
	2			18.7877						
	3			18.7877						
	4			18.7878						
	5			18.7877						
	6			18.7878						
	7			18.7878						
	8			18.7879						
	9			18.7878						
	10			18.7878						
	11			18.7879						
	12			18.7877						
	13			18.7878						
	14			18.7878						
	15			18.7878						

	16			18.7877						
	17			18.7878						
	18			18.7878						
	19			18.7879						
	20			18.7878						
	1	1.4	12:26	18.7878	0.0255	271°1'58"	-00°06'42"	22.5	833	34
	2			18.7879						
	3			18.7878						
	4			18.7878						
	5			18.7879						
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	7			18.7877						
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	11			18.7877						
	12			18.7878						
	13			18.7878						
	14			18.7878						
	15			18.7878						
	16			18.7877						
	17			18.7879						
	18			18.7879						
	19			18.7878						
	20			18.7878						
	1	1.5	12:53	18.7877	0.0257	271°1'58"	-00°06'40"	22.5	832	34
	2			18.7877						
	3			18.7878						
	4			18.7878						
	5			18.7878						
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	12			18.7878						
	13			18.7878						
	14			18.7878						
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	16			18.7878						
	17			18.7877						
	18			18.7877						
	19			18.7878						
	20			18.7878						
	1	1.6	13:12	18.7878	0.0255	271°1'58"	-00°06'39"	22.5	832	35
	2			18.7877						
	3			18.7878						
	4			18.7878						
	5			18.7878						
	6			18.7878						
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	11			18.7877						
	12			18.7877						
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	14			18.7878						
	15			18.7878						
	16			18.7878						
	17			18.7878						
	18			18.7879						
	19			18.7879						
	20			18.7878						
	1	1.7	13:20	18.7877	0.0254	271°1'58"	-00°06'40"	22.5	832	35
	2			18.7877						
	3			18.7877						
	4			18.7878						
	5			18.7878						
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	12			18.7878						
	13			18.7877						
	14			18.7878						
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	16			18.7878						
	17			18.7878						
	18			18.7877						
	19			18.7877						
	20			18.7876						
	1	1.8	13:45	18.7878	0.0255	271°1'58"	-00°06'38"	22.5	832	35
	2			18.7876						
	3			18.7878						
	4			18.7878						
	5			18.7879						
	6			18.7877						
	7			18.7878						
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	11			18.7878						
	12			18.7878						
	13			18.7878						
	14			18.7879						
	15			18.7879						
	16			18.7877						
	17			18.7878						
	18			18.7878						
	19			18.7878						
	20			18.7878						
	1	1.9	14:02	18.7876	0.0254	271°1'58"	-00°06'40"	22.5	832	35
	2			18.7878						
	3			18.7878						
	4			18.7878						
	5			18.7878						
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	12			18.7878						
	13			18.7879						
	14			18.7879						
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	16			18.7878						
	17			18.7877						
	18			18.7878						
	19			18.7878						
	20			18.7879						
	1	2	14:28	18.7878	0.0254	271°1'58"	-00°06'41"	22.5	832	35
	2			18.7878						
	3			18.7879						
	4			18.7879						
	5			18.7876						
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	12			18.7877						
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	14			18.7878						
	15			18.7878						
	16			18.7878						
	17			18.7878						
	18			18.7878						
	19			18.7877						
	20			18.7878						
	1	2.1	14:51	18.7878	0.0253	271°1'58"	-00°06'38"	22.5	832	34
	2			18.7878						
	3			18.7878						
	4			18.7879						
	5			18.7879						
	6			18.7877						
	7			18.7876						
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	13			18.7877						
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	15			18.7878						
	16			18.7879						
	17			18.7879						
	18			18.7878						
	19			18.7878						
	20			18.7878						
	1	2.2	15:19	18.7877	0.0255	271°1'58"	-00°06'40"	22.5	832	34
	2			18.7877						
	3			18.7877						
	4			18.7878						
	5			18.7878						
	6			18.7879						
	7			18.7877						
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	14			18.7879						
	15			18.7879						
	16			18.7877						
	17			18.7878						
	18			18.7878						
	19			18.7878						
	20			18.7879						
	1	2.3	15:45	18.7878	0.0255	271°1'58"	-00°06'41"	22.5	832	34
	2			18.7878						
	3			18.7878						
	4			18.7878						
	5			18.7877						
	6			18.7877						
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	17			18.7878						
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	19			18.7878						
	20			18.7877						
	1	2.4	16:02	18.7879	0.0254	271°1'58"	-00°06'39"	22.5	832	34
	2			18.7879						
	3			18.7878						
	4			18.7878						
	5			18.7877						
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	17			18.7878						
	18			18.7877						
	19			18.7877						
	20			18.7878						
	1	2.5	16:20	18.7878	0.0254	271°1'58"	-00°06'38"	22.5	832	34
	2			18.7878						
	3			18.7879						
	4			18.7878						
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	17			18.7878						
	18			18.7877						
	19			18.7878						
	20			18.7878						
	1	2.6	16:43	18.7878	0.0255	271°1'40"	-00°06'39"	22.5	832	34
	2			18.7878						
	3			18.7878						
	4			18.7879						
	5			18.7876						
	6			18.7877						
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	16			18.7878						
	17			18.7878						
	18			18.7879						
	19			18.7878						
	20			18.7877						
	1	2.7	17:02	18.7876	0.0253	271°1'58"	-00°06'42"	22.5	832	34
	2			18.7878						
	3			18.7878						
	4			18.7878						
	5			18.7878						
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	17			18.7878						
	18			18.7877						
	19			18.7878						
	20			18.7878						
	1	2.8	17:21	18.7878	0.0254	271°1'40"	-00°06'40"	22.5	832	33
	2			18.7878						
	3			18.7879						
	4			18.7879						
	5			18.7877						
	6			18.7878						
	7			18.7878						
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	15			18.7879						
	16			18.7878						
	17			18.7878						
	18			18.7878						
	19			18.7877						
	20			18.7876						
	1	2.9	17:40	18.7877	0.0255	271°1'58"	-00°06'41"	22.5	832	33
	2			18.7877						
	3			18.7877						
	4			18.7878						
	5			18.7879						
	6			18.7878						
	7			18.7878						
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	17			18.7877						
	18			18.7878						
	19			18.7878						
	20			18.7877						
	1	3	18:00	18.7878	0.0254	271°1'40''	-00°06'41''	22.5	832	33
	2			18.7878						
	3			18.7877						
	4			18.7878						
	5			18.7878						
	6			18.7877						
	7			18.7877						
	8			18.7876						
	9			18.7878						
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APPENDIX E

Appendix E.1: Raw Data for Systematic Error Correction Model Confirmation/Validation Test

CONFIRMATION/VALIDATION READINGS (before correction for scale factor – 0.9998)

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
04/10/2010	2.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4193	-33.3231	468.4191	-33.8184	468.4235	-34.3196	18.3	829	24	18.0	830	18	24	825	21	18.5	830.1
90°	468.4204	-33.3223	468.4204	-33.8174	468.4206	-34.3112											
60°	468.4207	-33.3212	468.4202	-33.8155	Error 256	Error 256											

45°	468.4204	-33.3214	468.4203	-33.8158	Error 256	Error 256											
30°	468.4206	-33.3218	468.4206	-33.8153	468.4294	-34.3263											
7.00	468.4191	-33.3246	468.4188	-33.8182	468.4224	-34.3176	19	829	22	18.8	830	18	24	826	21	19	830.9
90°	468.4199	-33.3240	468.4197	-33.8160	468.4209	-34.3151											
60°	468.4200	-33.3225	468.4197	-33.8148	468.4227	-34.3134											
45°	468.4201	-33.3239	468.4199	-33.8124	468.4184	-34.3124											
30°	468.4204	-33.3230	468.4203	-33.8146	468.4200	-34.3118											
8.00	468.4186	-33.3234	468.4185	-33.8134	468.4209	-34.3212	20	830	19	20.0	830	15	24	826	21	20.3	831.3
90°	468.4194	-33.3223	468.4193	-33.8132	468.4212	-34.3186											
60°	468.4196	-33.3223	468.4196	-33.8098	468.4197	-34.3176											
45°	468.4196	-33.3196	468.4191	-33.8171	468.4182	-34.3134											
30°	468.4197	-33.3191	468.4191	-33.8192	468.4178	-34.3163											
9.00	468.4179	-33.3222	468.4179	-33.8158	468.4202	-34.3095	22	830	15	21.4	830	14	24	826	22	21.5	831.2
90°	468.4187	-33.3227	468.4188	-33.8127	468.4204	-34.3090											
60°	468.4189	-33.3228	468.4188	-33.8129	468.4218	-34.3088											
45°	468.4188	-33.3186	468.4186	-33.8119	468.4207	-34.3105											
30°	468.4190	-33.3182	468.4189	-33.8135	468.4202	-34.3072											
10.00	468.4175	-33.3180	468.4170	-33.8190	468.4224	-34.3170	24	830	13	23.0	829	10	24	826	22	23.1	831
90°	468.4184	-33.3164	468.4182	-33.8195	468.4158	-34.3147											
60°	468.4183	-33.3233	468.4181	-33.8138	468.4208	-34.3149											
45°	468.4185	-33.3226	468.4182	-33.8106	468.4173	-34.3143											
30°	468.4185	-33.3223	468.4182	-33.8194	468.4197	-34.3140											
11.00	468.4165	-33.3184	468.4163	-33.8190	468.4224	-34.3170	25.3	829	12	25.4	829	10	24.5	826	22	25.1	830.5
90°	468.4176	-33.3175	468.4173	-33.8195	468.4158	-34.3147											
60°	468.4178	-33.3131	468.4175	-33.8138	468.4208	-34.3149											
45°	468.4174	-33.3167	468.4173	-33.8106	468.4173	-34.3143											
30°	468.4177	-33.3164	468.4176	-33.8194	468.4197	-34.3140											
12.00	468.4159	-33.3157	468.4157	-33.8136	468.4182	-34.3154	27.3	829	10	26.3	829	9	24.5	825	22	26.9	830
90°	468.4169	-33.3163	468.4165	-33.8161	468.4139	-34.3119											
60°	468.4170	-33.3166	468.4165	-33.8135	468.4214	-34.3135											
45°	468.4168	-33.3156	468.4164	-33.8132	468.4181	-34.3098											
30°	468.4171	-33.3132	468.4165	-33.8143	468.4154	-34.3110											
13.00	468.4146	-33.3252	468.4146	-33.8103	468.4181	-34.3204	29	829	10	28.2	829	9	25	825	22	28.9	829.2
90°	468.4158	-33.3224	468.4157	-33.8148	468.4193	-34.3112											
60°	468.4159	-33.3209	468.4153	-33.8152	468.4219	-34.3116											
45°	468.4159	-33.3208	468.4159	-33.8136	468.4155	-34.3109											
30°	468.4162	-33.3214	468.4161	-33.8149	468.4190	-34.3095											
14.00	468.4140	-33.3241	468.4142	-33.8111	468.4181	-34.3153	30	829	9	29.3	829	9	25	824	22	30.2	828.6
90°	468.4148	-33.3285	468.4150	-33.8146	468.4176	-34.3113											
60°	468.4148	-33.3252	468.4152	-33.8148	468.4174	-34.3224											
45°	468.4147	-33.3190	468.4149	-33.8145	468.4113	-34.3172											
30°	468.4149	-33.3196	468.4149	-33.8161	468.4213	-34.3218											
15.00	468.4140	-33.3184	468.4138	-33.8206	468.4181	-34.3206	32	828	9	32.0	828	8	26	824	21	32	827.8
90°	468.4151	-33.3175	468.4149	-33.8147	468.4135	-34.3169											

60°	468.4150	-33.3169	468.4150	-33.8168	468.4179	-34.3210											
45°	468.4149	-33.3183	468.4151	-33.8136	468.4201	-34.3142											
30°	468.4153	-33.3153	468.4149	-33.8161	468.4160	-34.3111											
16.00	468.4138	-33.3227	468.4138	-33.8140	468.4161	-34.3307	30	828	9	30.0	828	9	26.5	823	20	30.2	827.8
90°	468.4149	-33.3163	468.4146	-33.8150	468.4145	-34.3268											
60°	468.4148	-33.3177	468.4149	-33.8123	468.4139	-34.3211											
45°	468.4150	-33.3182	468.4149	-33.8139	468.4191	-34.3246											
30°	468.4150	-33.3189	468.4148	-33.8119	468.4171	-34.3198											
17.00	468.4141	-33.3223	468.4142	-33.8119	468.4192	-34.3224	29.1	828	9	29.3	828	10	26.5	823	20	29	827.9
90°	468.4151	-33.3145	468.4150	-33.8166	468.4199	-34.3283											
60°	468.4153	-33.3162	468.4152	-33.8136	468.4172	-34.3215											
45°	468.4149	-33.3209	468.4152	-33.8122	468.4201	-34.3194											
30°	468.4150	-33.3181	468.4149	-33.8193	468.4163	-34.3155											
18.00	468.4148	-33.3265	468.4149	-33.8180	468.4206	-34.3215	28.5	828	11	27.9	829	12	26.5	824	20	28.4	828.2
90°	468.4157	-33.3217	468.4158	-33.8203	468.4189	-34.3250											
60°	468.4159	-33.3292	468.4159	-33.8219	468.4184	-34.3221											
45°	468.4159	-33.3283	468.4160	-33.8281	468.4190	-34.3249											
30°	468.4158	-33.3251	468.4158	-33.8214	468.4201	-34.3196											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
05/10/2010	2.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4212	-33.3262	468.4209	-33.8148	468.4264	-34.3156	16.3	832	50	16.4	831	45	24.5	828	23	15.8	832.7
90°	468.4224	-33.3228	468.4220	-33.8140	Error 256	Error 256											
60°	468.4223	-33.3226	468.4221	-33.8141	Error 256	Error 256											
45°	468.4224	-33.3222	468.4221	-33.8153	Error 256	Error 256											
30°	468.4223	-33.3238	468.4223	-33.8172	Error 275	Error 275											
7.00	468.4212	-33.3182	468.4209	-33.8157	468.4217	-34.3163	16	832	50	16.1	832	45	24.5	828	23	14.6	832.9
90°	468.4224	-33.3181	468.4218	-33.8153	468.4217	-34.3158											
60°	468.4223	-33.3189	468.4219	-33.8126	468.4239	-34.3101											
45°	468.4224	-33.3172	468.4220	-33.8167	468.4209	-34.3287											
30°	468.4222	-33.3190	468.4222	-33.8142	468.4218	-34.3298											
8.00	468.4201	-33.3256	468.4200	-33.8177	468.4221	-34.3267	16.9	833	51	16.3	833	43	25	828	23	15.8	833.4
90°	468.4212	-33.3257	468.4210	-33.8154	468.4227	-34.3228											
60°	468.4212	-33.3247	468.4213	-33.8137	468.4238	-34.3230											
45°	468.4213	-33.3267	468.4210	-33.8139	468.4252	-34.3204											
30°	468.4210	-33.3254	468.4211	-33.8145	468.4235	-34.3225											
9.00	468.4198	-33.3180	468.4195	-33.8164	468.4220	-34.3218	17.9	834	50	17.0	834	43	24.5	828	24	17.1	833.7
90°	468.4206	-33.3158	468.4203	-33.8174	468.4232	-34.3189											
60°	468.4207	-33.3271	468.4206	-33.8144	468.4229	-34.3137											
45°	468.4208	-33.3282	468.4205	-33.8165	468.4263	-34.3159											
30°	468.4209	-33.3261	468.4205	-33.8173	468.4208	-34.3127											
10.00	468.4192	-33.3207	468.4190	-33.8133	468.4226	-34.3179	18.8	834	42	18.5	834	39	25	829	25	18.2	833.8

90°	468.4199	-33.3214	468.4200	-33.8153	468.4226	-34.3239											
60°	468.4202	-33.3216	468.4199	-33.8157	468.4222	-34.3232											
45°	468.4203	-33.3222	468.4200	-33.8110	468.4219	-34.3193											
30°	468.4202	-33.3211	468.4201	-33.8142	468.4195	-34.3201											
11.00	468.4187	-33.3211	468.4185	-33.8113	468.4218	-34.3163	22	833	30	22.3	834	25	25.5	829	25	20.6	833.7
90°	468.4197	-33.3161	468.4196	-33.8097	468.4143	-34.3112											
60°	468.4196	-33.3247	468.4195	-33.8123	468.4279	-34.3129											
45°	468.4197	-33.3285	468.4196	-33.8140	468.4289	-34.3148											
30°	468.4198	-33.3262	468.4196	-33.8115	468.4185	-34.3161											
12.00	468.4176	-33.3222	468.4175	-33.8169	468.4203	-34.3226	23.7	832	25	24.2	832	19	25.5	828	25	23.4	832.8
90°	468.4188	-33.3161	468.4187	-33.8177	468.4203	-34.3279											
60°	468.4186	-33.3150	468.4185	-33.8135	468.4197	-34.3265											
45°	468.4187	-33.3172	468.4185	-33.8201	468.4188	-34.3231											
30°	468.4186	-33.3184	468.4186	-33.8150	468.4177	-34.3231											
13.00	468.4164	-33.3199	468.4164	-33.8160	468.4183	-34.3131	25.7	831	15	25.4	831	14	25.5	827	25	24.8	831.8
90°	468.4176	-33.3212	468.4175	-33.8134	468.4140	-34.3129											
60°	468.4176	-33.3166	468.4174	-33.8122	468.4157	-34.3119											
45°	468.4174	-33.3174	468.4174	-33.8158	468.4192	-34.3182											
30°	468.4175	-33.3181	468.4176	-33.8131	468.4154	-34.3125											
14.00	468.4165	-33.3213	468.4166	-33.8160	468.4185	-34.3224	26.2	830	12	26.4	831	10	26	826	24	25.1	830.8
90°	468.4177	-33.3237	468.4176	-33.8155	468.4164	-34.3208											
60°	468.4175	-33.3231	468.4177	-33.8192	468.4197	-34.3234											
45°	468.4176	-33.3211	468.4175	-33.8171	468.4175	-34.3205											
30°	468.4175	-33.3244	468.4176	-33.8132	468.4198	-34.3234											
15.00	468.4161	-33.3211	468.4159	-33.8126	468.4195	-34.3150	26.8	830	12	26.8	831	10	26.5	825	23	26.6	830
90°	468.4172	-33.3233	468.4169	-33.8120	468.4188	-34.3133											
60°	468.4171	-33.3244	468.4172	-33.8182	468.4199	-34.3142											
45°	468.4171	-33.3215	468.4170	-33.8172	468.4165	-34.3190											
30°	468.4173	-33.3250	468.4169	-33.8191	468.4159	-34.3123											
16.00	468.4165	-33.3234	468.4165	-33.8113	468.4195	-34.3187	25.1	830	15	25.4	831	10	26.5	825	23	24.9	829.9
90°	468.4177	-33.3156	468.4176	-33.8105	468.4183	-34.3196											
60°	468.4174	-33.3219	468.4176	-33.8117	468.4189	-34.3169											
45°	468.4175	-33.3209	468.4175	-33.8152	468.4166	-34.3130											
30°	468.4176	-33.3194	468.4175	-33.8131	468.4170	-34.3119											
17.00	468.4165	-33.3179	468.4164	-33.8162	468.4222	-34.3218	25.1	830	15	25.4	831	10	26.5	825	23	25	830.1
90°	468.4175	-33.3233	468.4175	-33.8173	468.4208	-34.3189											
60°	468.4176	-33.3196	468.4174	-33.8175	468.4221	-34.3172											
45°	468.4173	-33.3215	468.4174	-33.8169	468.4258	-34.3211											
30°	468.4175	-33.3196	468.4175	-33.8135	468.4215	-34.3192											
18.00	468.4171	-33.3204	468.4168	-33.8152	468.4217	-34.3176	24	830	15	24.4	830	11	26	825	24	23.2	830.1
90°	468.4182	-33.3190	468.4177	-33.8169	Error 256	Error 256											
60°	468.4181	-33.3236	468.4178	-33.8163	Error 256	Error 256											
45°	468.4181	-33.3245	468.4178	-33.8169	Error 256	Error 256											
30°	468.4180	-33.3265	468.4179	-33.8171	Error 256	Error 256											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
06/10/2010	3.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4220	-33.3220	468.4216	-33.8156	468.4272	-34.3242	14.6	832	49	15.4	831	43	24	827	24	14.1	832.2
90°	468.4235	-33.3213	468.4231	-33.8122	Error 256	Error 256											
60°	468.4236	-33.3218	468.4233	-33.8122	Error 256	Error 256											
45°	468.4238	-33.3217	468.4233	-33.8139	Error 256	Error 256											
30°	468.4238	-33.3215	468.4234	-33.8154	Error 256	Error 256											
7.00	468.4216	-33.3229	468.4214	-33.8130	468.4279	-34.3183	14.3	832	50	15.0	831	44	24	827	24	13.7	832.5
90°	468.4232	-33.3231	468.4230	-33.8096	468.4161	-34.3165											
60°	468.4231	-33.3233	468.4230	-33.8113	468.4232	-34.3178											
45°	468.4235	-33.3236	468.4232	-33.8110	Error 256	Error 256											
30°	468.4235	-33.3234	468.4232	-33.8186	468.4360	-34.3194											
8.00	468.4211	-33.3221	468.4202	-33.8183	468.4234	-34.3156	15.9	832	45	15.2	831	41	24	828	25	15	832.8
90°	468.4226	-33.3213	468.4217	-33.8170	468.4177	-34.3129											
60°	468.4227	-33.3177	468.4217	-33.8171	468.4257	-34.3155											
45°	468.4229	-33.3193	468.4221	-33.8171	468.4214	-34.3133											
30°	468.4229	-33.3260	468.4221	-33.8173	468.4249	-34.3139											
9.00	468.4202	-33.3212	468.4199	-33.8156	468.4220	-34.3225	16.7	833	34	16.8	833	32	24	828	26	16.9	833.1
90°	468.4217	-33.3210	468.4216	-33.8094	468.4204	-34.3229											
60°	468.4219	-33.3200	468.4215	-33.8120	468.4235	-34.3214											
45°	468.4219	-33.3195	468.4219	-33.8108	468.4223	-34.3200											
30°	468.4219	-33.3269	468.4217	-33.8187	468.4218	-34.3226											
10.00	468.4191	-33.3191	468.4188	-33.8151	468.4224	-34.3182	19.7	833	30	19.1	833	30	24	828	26	19.1	832.9
90°	468.4209	-33.3161	468.4203	-33.8145	468.4237	-34.3195											
60°	468.4208	-33.3158	468.4203	-33.8148	468.4240	-34.3186											
45°	468.4211	-33.3186	468.4206	-33.8149	468.4277	-34.3140											
30°	468.4208	-33.3188	468.4206	-33.8173	468.4233	-34.3141											
11.00	468.4180	-33.3237	468.4181	-33.8089	468.4202	-34.3240	22.1	832	20	22.4	833	16	24.5	828	25	21.1	832.4
90°	468.4195	-33.3234	468.4199	-33.8065	468.4176	-34.3200											
60°	468.4197	-33.3202	468.4197	-33.8146	468.4253	-34.3208											
45°	468.4199	-33.3213	468.4198	-33.8128	468.4269	-34.3192											
30°	468.4198	-33.3210	468.4197	-33.8151	468.4237	-34.3215											
12.00	468.4173	-33.3238	468.4171	-33.8144	468.4229	-34.3185	23.8	831	18	23.3	832	13	25	827	25	23.2	831.9
90°	468.4191	-33.3222	468.4191	-33.8163	468.4162	-34.3145											
60°	468.4191	-33.3208	468.4187	-33.8120	468.4228	-34.3171											
45°	468.4192	-33.3212	468.4191	-33.8128	468.4216	-34.3135											
30°	468.4192	-33.3222	468.4191	-33.8125	468.4178	-34.3190											
13.00	468.4169	-33.3213	468.4169	-33.8109	468.4217	-34.3216	24.6	831	17	25.2	830	10	25	826	25	24.7	830.9
90°	468.4184	-33.3215	468.4185	-33.8115	468.4154	-34.3203											
60°	468.4187	-33.3200	468.4185	-33.8095	468.4238	-34.3151											
45°	468.4187	-33.3165	468.4186	-33.8118	468.4200	-34.3152											

30°	468.4186	-33.3174	468.4186	-33.8133	468.4156	-34.3149											
14.00	468.4160	-33.3203	468.4159	-33.8159	468.4212	-34.3208	26.4	830	10	26.5	831	7	25.5	826	25	26.1	830.4
90°	468.4179	-33.3202	468.4179	-33.8106	468.4164	-34.3145											
60°	468.4176	-33.3271	468.4177	-33.8159	468.4189	-34.3141											
45°	468.4178	-33.3265	468.4178	-33.8153	468.4197	-34.3135											
30°	468.4175	-33.3277	468.4178	-33.8164	468.4176	-34.3266											
15.00	468.4161	-33.3224	468.4157	-33.8170	468.4197	-34.3233	28	829	10	26.6	831	7	26	825	24	27	829.9
90°	468.4179	-33.3279	468.4176	-33.8190	468.4170	-34.3175											
60°	468.4180	-33.3212	468.4175	-33.8171	468.4197	-34.3261											
45°	468.4177	-33.3241	468.4174	-33.8160	468.4224	-34.3202											
30°	468.4176	-33.3210	468.4172	-33.8134	error 275	error 275											
16.00	468.4157	-33.3274	468.4156	-33.8162	468.4187	-34.3128	25.3	829	12	26.4	831	7	26.5	825	23	25.3	829.9
90°	468.4172	-33.3229	468.4173	-33.8137	468.4128	-34.3124											
60°	468.4174	-33.3244	468.4171	-33.8145	468.4195	-34.3164											
45°	468.4175	-33.3223	468.4173	-33.8122	468.4228	-34.3153											
30°	468.4173	-33.3221	468.4174	-33.8115	468.4224	-34.3180											
17.00	468.4161	-33.3230	468.4157	-33.8172	468.4198	-34.3199	25.1	829	13	25.7	830	9	26.5	825	23	25.3	829.7
90°	468.4177	-33.3203	468.4175	-33.8168	468.4209	-34.3160											
60°	468.4178	-33.3196	468.4175	-33.8148	468.4169	-34.3132											
45°	468.4179	-33.3218	468.4175	-33.8210	468.4221	-34.3148											
30°	468.4180	-33.3236	468.4176	-33.8221	468.4232	-34.3228											
18.00	468.4169	-33.3205	468.4169	-33.8128	468.4213	-34.3199	24.3	830	13	24.1	831	9	26.5	825	23	24.1	830.1
90°	468.4186	-33.3226	468.4185	-33.8136	468.4211	-34.3160											
60°	468.4188	-33.3241	468.4186	-33.8142	Error 256	Error 256											
45°	468.4187	-33.3251	468.4186	-33.8131	Error 256	Error 256											
30°	468.4187	-33.3211	468.4188	-33.8139	468.4262	-34.3215											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
07/10/2010	3.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4215	-33.3213	468.4213	-33.8168	468.4272	-34.3231	15.6	832	45	15.0	832	44	24.5	827	24	15.1	832.4
90°	468.4230	-33.3239	468.4229	-33.8115	Error 256	Error 256											
60°	468.4232	-33.3234	468.4228	-33.8119	468.4289	-34.3191											
45°	468.4233	-33.3234	468.4230	-33.8134	Error 275	Error 275											
30°	468.4233	-33.3241	468.4231	-33.8175	468.4304	-34.3201											
7.00	468.4211	-33.3238	468.4211	-33.8107	468.4239	-34.3206	15.3	832	45	14.6	833	45	24.5	828	25	14.1	832.9
90°	468.4227	-33.3214	468.4228	-33.8094	468.4229	-34.3199											
60°	468.4229	-33.3241	468.4227	-33.8142	468.4251	-34.3176											
45°	468.4230	-33.3223	468.4228	-33.8153	468.4243	-34.3197											

30°	468.4228	-33.3214	468.4228	-33.8143	468.4284	-34.3193											
8.00	468.4204	-33.3204	468.4198	-33.8111	468.4210	-34.3226	16.1	832	30	16.3	833	22	25	828	25	16.2	833
90°	468.4222	-33.3192	468.4215	-33.8088	468.4169	-34.3232											
60°	468.4220	-33.3176	468.4215	-33.8087	468.4215	-34.3231											
45°	468.4219	-33.3145	468.4214	-33.8112	468.4219	-34.3217											
30°	468.4220	-33.3157	468.4216	-33.8131	468.4221	-34.3218											
9.00	468.4197	-33.3228	468.4192	-33.8154	468.4219	-34.3115	17.9	833	29	17.9	833	20	25	828	26	17.8	833.3
90°	468.4215	-33.3191	468.4211	-33.8113	468.4196	-34.3115											
60°	468.4215	-33.3192	468.4209	-33.8161	468.4231	-34.3111											
45°	468.4213	-33.3182	468.4210	-33.8122	468.4187	-34.3223											
30°	468.4215	-33.3151	468.4209	-33.8143	468.4199	-34.3179											
10.00	468.4190	-33.3197	468.4188	-33.8209	468.4284	-34.3169	20.1	833	25	20.4	833	19	24	828	29	19.9	833.1
90°	468.4205	-33.3240	468.4206	-33.8204	468.4180	-34.3179											
60°	468.4204	-33.3213	468.4202	-33.8168	468.4253	-34.3150											
45°	468.4205	-33.3278	468.4203	-33.8136	468.4230	-34.3193											
30°	468.4207	-33.3291	468.4202	-33.8169	468.4270	-34.3172											
11.00	468.4177	-33.3244	468.4178	-33.8113	468.4223	-34.3220	22.1	833	25	22.3	833	20	25	828	28	21.9	833.1
90°	468.4193	-33.3241	468.4196	-33.8105	468.4198	-34.3198											
60°	468.4195	-33.3200	468.4195	-33.8110	468.4290	-34.3192											
45°	468.4195	-33.3221	468.4194	-33.8122	468.4217	-34.3184											
30°	468.4196	-33.3252	468.4194	-33.8123	Error 275	Error 275											
12.00	468.4166	-33.3225	468.4165	-33.8139	468.4200	-34.3177	25	832	24	24.4	833	20	25	828	28	24.5	832.7
90°	468.4183	-33.3221	468.4183	-33.8108	468.4156	-34.3137											
60°	468.4183	-33.3208	468.4180	-33.8174	468.4226	-34.3115											
45°	468.4182	-33.3280	468.4180	-33.8167	468.4217	-34.3173											
30°	468.4185	-33.3245	468.4182	-33.8134	468.4242	-34.3168											
13.00	468.4161	-33.3213	468.4159	-33.8145	468.4174	-34.3180	27.1	832	22	25.6	832	15	25.5	827	28	26.2	831.7
90°	468.4177	-33.3292	468.4176	-33.8136	468.4158	-34.3147											
60°	468.4179	-33.3222	468.4177	-33.8113	468.4236	-34.3132											
45°	468.4179	-33.3226	468.4175	-33.8184	468.4261	-34.3122											
30°	468.4177	-33.3209	468.4176	-33.8123	468.4233	-34.3111											
14.00	468.4162	-33.3208	468.4161	-33.8108	468.4210	-34.3156	26.1	831	20	26.2	832	13	25.5	827	28	25.9	831.1
90°	468.4178	-33.3220	468.4176	-33.8148	468.4223	-34.3142											
60°	468.4177	-33.3266	468.4176	-33.8137	468.4224	-34.3139											
45°	468.4179	-33.3274	468.4179	-33.8161	Error 256	Error 256											
30°	468.4178	-33.3245	468.4180	-33.8136	468.4238	-34.3145											
15.00	468.4186	-33.3199	468.4182	-33.8178	468.4213	-34.3111	20.1	831	72	17.9	831	92	25.5	827	28	18.1	831.8
90°	468.4203	-33.3215	468.4199	-33.8176	468.4195	-34.3202											
60°	468.4204	-33.3207	468.4200	-33.8172	468.4212	-34.3186											
45°	468.4202	-33.3234	468.4200	-33.8182	Error 256	Error 256											
30°	468.4203	-33.3229	468.4198	-33.8123	468.4358	-34.3183											
16.00	468.4184	-33.3227	468.4178	-33.8145	468.4218	-34.3192	20.8	830	41	19.8	830	78	25	826	28	20.5	830.8
90°	468.4200	-33.3225	468.4196	-33.8118	468.4220	-34.3212											
60°	468.4199	-33.3253	468.4195	-33.8101	468.4242	-34.3214											

45°	468.4202	-33.3237	468.4196	-33.8164	Error 256	Error 256											
30°	468.4203	-33.3242	468.4197	-33.8151	Error 256	Error 256											
17.00	468.4188	-33.3200	468.4179	-33.8159	468.4239	-34.3230	20.5	831	41	19.1	831	82	25	827	27	20	831.5
90°	468.4203	-33.3206	468.4196	-33.8144	Error 256	Error 256											
60°	468.4204	-33.3211	468.4195	-33.8139	468.4268	-34.3170											
45°	468.4207	-33.3241	468.4197	-33.8190	Error 275	Error 275											
30°	468.4205	-33.3262	468.4198	-33.8162	468.4287	-34.3141											
18.00	468.4183	-33.3243	468.4182	-33.8130	Error 256	Error 256	20.4	831	40	18.9	831	86	25	827	27	19.8	831.8
90°	468.4200	-33.3251	468.4197	-33.8116	Error 256	Error 256											
60°	468.4202	-33.3227	468.4201	-33.8097	Error 256	Error 256											
45°	468.4203	-33.3241	468.4202	-33.8122	Error 275	Error 275											
30°	468.4203	-33.3252	468.4201	-33.8133	Error 256	Error 256											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
08/10/2010	4.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4210	-33.3224	468.4206	-33.8155	468.4250	-34.3168	15.6	832	77	15.0	831	64	24	827	30	15.3	832.4
90°	468.4230	-33.3246	468.4226	-33.8159	468.4210	-34.3119											
60°	468.4230	-33.3210	468.4225	-33.8146	468.4294	-34.3115											
45°	468.4229	-33.3217	468.4226	-33.8135	Error 275	Error 275											
30°	468.4229	-33.3229	468.4227	-33.8143	468.4276	-34.3107											
7.00	468.4210	-33.3252	468.4208	-33.8170	468.4238	-34.3171	15.5	832	82	15.7	831	61	24	827	30	14.8	832.4
90°	468.4231	-33.3223	468.4229	-33.8162	468.4243	-34.3160											
60°	468.4230	-33.3233	468.4228	-33.8180	468.4253	-34.3132											
45°	468.4230	-33.3239	468.4226	-33.8160	Error 256	Error 256											
30°	468.4230	-33.3232	468.4228	-33.8147	468.4225	-34.3109											
8.00	468.4210	-33.3242	468.4203	-33.8161	468.4214	-34.3162	15.8	832	79	16.4	831	55	24	828	30	15.6	832.5
90°	468.4229	-33.3239	468.4221	-33.8155	468.4240	-34.3142											
60°	468.4227	-33.3246	468.4219	-33.8151	468.4225	-34.3148											
45°	468.4228	-33.3248	468.4219	-33.8144	468.4229	-34.3144											
30°	468.4229	-33.3240	468.4224	-33.8153	468.4233	-34.3147											
9.00	468.4199	-33.3262	468.4191	-33.8195	468.4187	-34.3184	17.7	832	71	17.0	832	40	24	827	31	17.6	832.6
90°	468.4219	-33.3235	468.4209	-33.8166	468.4209	-34.3144											
60°	468.4217	-33.3240	468.4210	-33.8152	468.4225	-34.3157											
45°	468.4219	-33.3272	468.4210	-33.8153	468.4211	-34.3146											
30°	468.4219	-33.3272	468.4212	-33.8161	468.4225	-34.3159											
10.00	468.4197	-33.3203	468.4185	-33.8164	468.4225	-34.3150	18.7	833	68	18.6	831	38	24	828	31	18.5	832.7
90°	468.4213	-33.3263	468.4202	-33.8138	468.4250	-34.3222											
60°	468.4217	-33.3242	468.4204	-33.8158	468.4224	-34.3228											
45°	468.4218	-33.3263	468.4202	-33.8178	468.4275	-34.3180											
30°	468.4217	-33.3270	468.4206	-33.8165	468.4206	-34.3234											
11.00	468.4181	-33.3219	468.4180	-33.8114	468.4216	-34.3175	20.7	832	58	21.5	831	36	24	827	32	20.7	832.1
90°	468.4202	-33.3192	468.4198	-33.8085	468.4196	-34.3124											

60°	468.4200	-33.3205	468.4199	-33.8096	468.4252	-34.3144											
45°	468.4200	-33.3275	468.4200	-33.8103	468.4196	-34.3110											
30°	468.4202	-33.3238	468.4198	-33.8070	468.4210	-34.3107											
12.00	468.4178	-33.3255	468.4172	-33.8142	468.4198	-34.3154	23.4	831	51	22.5	831	33	24.5	827	32	22.7	831.6
90°	468.4195	-33.3257	468.4187	-33.8118	468.4198	-34.3106											
60°	468.4195	-33.3240	468.4192	-33.8133	468.4211	-34.3211											
45°	468.4199	-33.3226	468.4193	-33.8101	468.4194	-34.3207											
30°	468.4198	-33.3226	468.4193	-33.8101	468.4200	-34.3218											
13.00	468.4171	-33.3209	468.4171	-33.8089	468.4174	-34.3185	25.3	830	43	23.2	830	32	24.5	826	32	24.5	830.8
90°	468.4189	-33.3212	468.4190	-33.8146	468.4196	-34.3182											
60°	468.4192	-33.3207	468.4189	-33.8100	468.4218	-34.3181											
45°	468.4190	-33.3235	468.4191	-33.8097	468.4188	-34.3185											
30°	468.4194	-33.3218	468.4190	-33.8130	468.4208	-34.3200											
14.00	468.4165	-33.3225	468.4161	-33.8135	468.4191	-34.3135	27.3	830	36	25.1	830	28	25.5	825	32	26.2	829.9
90°	468.4184	-33.3263	468.4180	-33.8099	468.4202	-34.3148											
60°	468.4184	-33.3259	468.4183	-33.8108	468.4213	-34.3192											
45°	468.4186	-33.3230	468.4184	-33.8082	468.4212	-34.3226											
30°	468.4184	-33.3279	468.4180	-33.8149	468.4176	-34.3200											
15.00	468.4159	-33.3203	468.4157	-33.8096	468.4165	-34.3217	28.1	829	32	24.8	830	25	26	825	31	27.2	829.3
90°	468.4180	-33.3246	468.4174	-33.8183	468.4159	-34.3191											
60°	468.4179	-33.3233	468.4176	-33.8152	468.4166	-34.3172											
45°	468.4178	-33.3140	468.4177	-33.8141	468.4171	-34.3181											
30°	468.4180	-33.3252	468.4178	-33.8113	468.4156	-34.3180											
16.00	468.4157	-33.3232	468.4152	-33.8119	468.4193	-34.3176	28.5	829	29	25.2	831	21	26.5	824	29	27.9	828.7
90°	468.4177	-33.3241	468.4170	-33.8153	468.4205	-34.3213											
60°	468.4177	-33.3258	468.4172	-33.8112	468.4176	-34.3196											
45°	468.4178	-33.3239	468.4174	-33.8130	468.4205	-34.3148											
30°	468.4177	-33.3267	468.4169	-33.8186	468.4190	-34.3141											
17.00	468.4161	-33.3245	468.4147	-33.8103	468.4177	-34.3233	28.1	829	28	24.8	831	21	26.5	824	29	27.4	828.8
90°	468.4181	-33.3246	468.4165	-33.8154	468.4217	-34.3215											
60°	468.4180	-33.3271	468.4167	-33.8170	468.4163	-34.3180											
45°	468.4182	-33.3280	468.4165	-33.8180	468.4183	-34.3197											
30°	468.4183	-33.3237	468.4167	-33.8176	468.4175	-34.3216											
18.00	468.4167	-33.3237	468.4158	-33.8150	468.4203	-34.3136	26.2	829	31	23.5	831	23	26.5	824	29	25.7	829.3
90°	468.4186	-33.3238	468.4178	-33.8174	468.4213	-34.3142											
60°	468.4188	-33.3249	468.4179	-33.8187	468.4213	-34.3137											
45°	468.4187	-33.3239	468.4176	-33.8187	Error 256	Error 256											
30°	468.4188	-33.3228	468.4179	-33.8168	Error 256	Error 256											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
09/10/2010	4.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4187	-33.3222	468.4187	-33.8161	468.4245	-34.3140	19.4	828	49	17.0	828	45	24.5	824	29	18.6	829.1

90°	468.4206	-33.3226	468.4206	-33.8140	468.4232	-34.3131											
60°	468.4208	-33.3240	468.4206	-33.8107	468.4278	-34.3135											
45°	468.4208	-33.3214	468.4207	-33.8120	Error 256	Error 256											
30°	468.4209	-33.3203	468.4207	-33.8103	468.4276	-34.3112											
7.00	468.4184	-33.3229	468.4186	-33.8105	468.4212	-34.3212	19.6	828	50	17.9	828	42	24.5	825	29	18.9	829.6
90°	468.4205	-33.3239	468.4205	-33.8104	468.4222	-34.3181											
60°	468.4205	-33.3225	468.4202	-33.8163	468.4200	-34.3163											
45°	468.4204	-33.3252	468.4202	-33.8164	Error 256	Error 256											
30°	468.4204	-33.3240	468.4204	-33.8151	468.4205	-34.3190											
8.00	468.4181	-33.3238	468.4176	-33.8151	468.4175	-34.3147	20	829	49	19.7	829	40	24.5	825	30	19.8	829.5
90°	468.4202	-33.3235	468.4195	-33.8152	468.4183	-34.3164											
60°	468.4198	-33.3239	468.4193	-33.8150	468.4210	-34.3147											
45°	468.4200	-33.3252	468.4196	-33.8144	468.4182	-34.3186											
30°	468.4203	-33.3230	468.4198	-33.8146	468.4191	-34.3181											
9.00	468.4175	-33.3220	468.4171	-33.8172	468.4202	-34.3216	21.9	829	45	22.0	829	34	24.5	825	30	21.7	829.7
90°	468.4193	-33.3276	468.4190	-33.8140	468.4218	-34.3222											
60°	468.4195	-33.3242	468.4191	-33.8111	468.4211	-34.3234											
45°	468.4192	-33.3250	468.4191	-33.8096	468.4177	-34.3204											
30°	468.4195	-33.3260	468.4192	-33.8121	468.4176	-34.3204											
10.00	468.4171	-33.3232	468.4168	-33.8142	468.4199	-34.3213	23.4	829	42	23.4	829	30	25	825	30	22.7	829.6
90°	468.4191	-33.3221	468.4186	-33.8141	468.4200	-34.3137											
60°	468.4188	-33.3241	468.4189	-33.8126	468.4193	-34.3141											
45°	468.4192	-33.3220	468.4189	-33.8124	468.4178	-34.3144											
30°	468.4193	-33.3230	468.4189	-33.8160	468.4213	-34.3137											
11.00	468.4163	-33.3249	468.4158	-33.8157	468.4185	-34.3199	24	829	40	24.2	829	31	25	825	30	24	829.4
90°	468.4182	-33.3234	468.4177	-33.8192	468.4168	-34.3237											
60°	468.4184	-33.3245	468.4177	-33.8187	468.4222	-34.3186											
45°	468.4184	-33.3217	468.4175	-33.8156	468.4186	-34.3197											
30°	468.4186	-33.3234	468.4179	-33.8149	468.4195	-34.3183											
12.00	468.4156	-33.3206	468.4155	-33.8103	468.4180	-34.3175	26.8	829	34	25.1	829	21	25.5	824	30	26.1	828.5
90°	468.4176	-33.3210	468.4175	-33.8105	468.4167	-34.3189											
60°	468.4178	-33.3196	468.4173	-33.8151	468.4225	-34.3160											
45°	468.4174	-33.3247	468.4175	-33.8135	468.4155	-34.3153											
30°	468.4178	-33.3209	468.4174	-33.8155	468.4177	-34.3125											
13.00	468.4147	-33.3234	468.4145	-33.8150	468.4182	-34.3225	27.6	828	27	26.0	829	15	26	823	30	27.8	828.1
90°	468.4167	-33.3285	468.4165	-33.8166	468.4205	-34.3181											
60°	468.4168	-33.3278	468.4164	-33.8176	468.4187	-34.3133											
45°	468.4166	-33.3292	468.4164	-33.8189	468.4181	-34.3133											
30°	468.4168	-33.3278	468.4163	-33.8193	468.4182	-34.3124											
14.00	468.4142	-33.3256	468.4142	-33.8191	468.4198	-34.3108	28.5	827	23	27.0	828	10	26	823	30	28.5	827.1
90°	468.4161	-33.3250	468.4160	-33.8199	468.4167	-34.3214											
60°	468.4163	-33.3228	468.4163	-33.8111	468.4175	-34.3229											
45°	468.4160	-33.3273	468.4163	-33.8136	468.4145	-34.3226											
30°	468.4164	-33.3263	468.4162	-33.8170	468.4177	-34.3139											

15.00	468.4142	-33.3220	468.4139	-33.8153	468.4166	-34.3213	29.1	827	21	27.7	828	9	26.5	822	28	29.1	826.2
90°	468.4160	-33.3248	468.4157	-33.8183	468.4191	-34.3121											
60°	468.4161	-33.3245	468.4160	-33.8131	468.4196	-34.3129											
45°	468.4163	-33.3268	468.4158	-33.8104	468.4244	-34.3242											
30°	468.4162	-33.3251	468.4157	-33.8132	468.4189	-34.3180											
16.00	468.4141	-33.3219	468.4136	-33.8135	468.4168	-34.3142	29.2	826	19	28.5	828	6	27	821	26	29.7	825.7
90°	468.4163	-33.3248	468.4155	-33.8106	468.4130	-34.3184											
60°	468.4163	-33.3253	468.4155	-33.8159	468.4141	-34.3147											
45°	468.4161	-33.3243	468.4153	-33.8150	468.4181	-34.3190											
30°	468.4161	-33.3275	468.4153	-33.8119	468.4160	-34.3130											
17.00	468.4144	-33.3260	468.4138	-33.8158	468.4182	-34.3187	28.7	826	19	27.5	828	7	27	821	25	28.9	825.6
90°	468.4164	-33.3231	468.4158	-33.8158	468.4172	-34.3195											
60°	468.4163	-33.3253	468.4158	-33.8146	468.4201	-34.3185											
45°	468.4164	-33.3259	468.4156	-33.8212	Error 256	Error 256											
30°	468.4165	-33.3252	468.4157	-33.8154	468.4223	-34.3220											
18.00	468.4146	-33.3208	468.4146	-33.8108	468.4184	-34.3185	28.5	826	19	26.5	828	7	27	821	24	28.6	825.6
90°	468.4167	-33.3231	468.4165	-33.8111	468.4189	-34.3190											
60°	468.4166	-33.3225	468.4166	-33.8107	468.4194	-34.3173											
45°	468.4165	-33.3214	468.4164	-33.8123	Error 256	Error 256											
30°	468.4166	-33.3223	468.4164	-33.8091	468.4189	-34.3202											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
10/10/2010	5.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4187	-33.3233	468.4193	-33.8139	468.4226	-34.3133	16.3	826	64	17.7	825	44	25	822	28	16	826.9
90°	468.4214	-33.3218	468.4221	-33.8120	468.4251	-34.3154											
60°	468.4215	-33.3207	468.4220	-33.8134	468.4258	-34.3136											
45°	468.4216	-33.3225	468.4222	-33.8130	Error 275	Error 275											
30°	468.4218	-33.3233	468.4222	-33.8154	468.4263	-34.3197											
7.00	468.4185	-33.3218	468.4187	-33.8160	468.4211	-34.3135	16.4	826	64	18.4	826	42	24.5	822	29	16.3	827.2
90°	468.4210	-33.3209	468.4214	-33.8125	468.4247	-34.3146											
60°	468.4212	-33.3266	468.4215	-33.8145	468.4244	-34.3149											
45°	468.4213	-33.3235	468.4217	-33.8153	468.4265	-34.3165											
30°	468.4214	-33.3256	468.4217	-33.8160	468.4266	-34.3136											
8.00	468.4184	-33.3236	468.4183	-33.8149	468.4217	-34.3180	17	826	63	18.9	826	39	24.5	822	30	17.5	827.2
90°	468.4211	-33.3282	468.4209	-33.8119	468.4260	-34.3174											
60°	468.4211	-33.3272	468.4213	-33.8120	468.4223	-34.3142											
45°	468.4210	-33.3279	468.4214	-33.8121	Error 256	Error 2256											
30°	468.4213	-33.3276	468.4214	-33.8140	468.4221	-34.3172											
9.00	468.4178	-33.3253	468.4175	-33.8127	468.4204	-34.3230	18.7	827	60	19.9	826	26	24.5	823	30	19.1	827.4
90°	468.4208	-33.3258	468.4200	-33.8159	468.4209	-34.3173											
60°	468.4205	-33.3269	468.4201	-33.8151	468.4224	-34.3151											
45°	468.4208	-33.3242	468.4200	-33.8183	468.4207	-34.3147											

30°	468.4210	-33.3266	468.4204	-33.8148	468.4227	-34.3163											
10.00	468.4165	-33.3222	468.4163	-33.8158	468.4198	-34.3188	20.5	827	51	21.6	827	24	24.5	822	30	20.9	827.2
90°	468.4194	-33.3201	468.4189	-33.8159	468.4218	-34.3159											
60°	468.4191	-33.3283	468.4191	-33.8163	468.4233	-34.3141											
45°	468.4195	-33.3274	468.4192	-33.8165	468.4236	-34.3158											
30°	468.4196	-33.3281	468.4192	-33.8193	468.4242	-34.3161											
11.00	468.4161	-33.3245	468.4159	-33.8125	468.4176	-34.3131	22.4	826	44	23.2	826	22	25	822	30	22.7	826.7
90°	468.4188	-33.3210	468.4186	-33.8117	468.4192	-34.3107											
60°	468.4190	-33.3217	468.4188	-33.8132	468.4202	-34.3132											
45°	468.4192	-33.3202	468.4188	-33.8106	468.4219	-34.3133											
30°	468.4192	-33.3258	468.4189	-33.8116	468.4216	-34.3140											
12.00	468.4154	-33.3268	468.4153	-33.8132	468.4167	-34.3181	26	826	35	25.1	826	15	25	821	30	25	825.9
90°	468.4182	-33.3189	468.4180	-33.8112	468.4192	-34.3212											
60°	468.4184	-33.3183	468.4181	-33.8124	468.4205	-34.3203											
45°	468.4184	-33.3235	468.4184	-33.8116	468.4286	-34.3214											
30°	468.4185	-33.3285	468.4179	-33.8181	468.4201	-34.3233											
13.00	468.4146	-33.3244	468.4148	-33.8144	468.4156	-34.3133	27.2	825	30	25.9	826	15	25.5	821	30	26.5	825.1
90°	468.4173	-33.3252	468.4176	-33.8103	468.4172	-34.3126											
60°	468.4176	-33.3231	468.4174	-33.8081	468.4212	-34.3175											
45°	468.4175	-33.3239	468.4179	-33.8108	468.4230	-34.3198											
30°	468.4179	-33.3222	468.4180	-33.8104	468.4180	-34.3195											
14.00	468.4144	-33.3270	468.4145	-33.8162	468.4196	-34.3202	28	824	25	26.7	826	10	25.5	820	30	27.7	824.3
90°	468.4173	-33.3246	468.4172	-33.8076	468.4180	-34.3105											
60°	468.4174	-33.3213	468.4173	-33.8095	468.4201	-34.3115											
45°	468.4174	-33.3251	468.4172	-33.8104	468.4177	-34.3111											
30°	468.4175	-33.3260	468.4169	-33.8174	468.4179	-34.3168											
15.00	468.4140	-33.3245	468.4139	-33.8138	468.4174	-34.3190	28.5	824	22	27.2	826	9	26.5	819	28	28.5	824
90°	468.4166	-33.3214	468.4165	-33.8146	468.4183	-34.3228											
60°	468.4170	-33.3215	468.4166	-33.8133	468.4207	-34.3169											
45°	468.4166	-33.3250	468.4169	-33.8105	468.4229	-34.3179											
30°	468.4170	-33.3234	468.4169	-33.8134	468.4187	-34.3135											
16.00	468.4140	-33.3195	468.4139	-33.8058	468.4178	-34.3170	28.3	824	20	27.3	826	7	26.5	819	27	28.2	823.6
90°	468.4170	-33.3199	468.4168	-33.8055	468.4199	-34.3198											
60°	468.4167	-33.3201	468.4166	-33.8096	468.4176	-34.3214											
45°	468.4170	-33.3207	468.4169	-33.8063	468.4241	-34.3108											
30°	468.4172	-33.3249	468.4169	-33.8080	468.4162	-34.3149											
17.00	468.4142	-33.3139	468.4136	-33.8138	468.4166	-34.3212	28.3	824	20	27.0	826	7	27	819	26	28.2	823.7
90°	468.4168	-33.3176	468.4162	-33.8098	468.4198	-34.3189											
60°	468.4170	-33.3189	468.4164	-33.8084	468.4188	-34.3210											
45°	468.4171	-33.3175	468.4164	-33.8118	468.4140	-34.3137											
30°	468.4168	-33.3272	468.4164	-33.8186	468.4182	-34.3240											
18.00	468.4142	-33.3220	468.4143	-33.8129	468.4195	-34.3156	27.8	824	21	25.6	826	8	27	819	25	27.2	823.9
90°	468.4168	-33.3258	468.4170	-33.8100	468.4214	-34.3169											
60°	468.4171	-33.3221	468.4173	-33.8115	468.4214	-34.3169											

45°	468.4169	-33.3252	468.4172	-33.8124	Error 256	Error 256											
30°	468.4173	-33.3259	468.4176	-33.8128	468.4226	-34.3161											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
11/10/2010	5.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4187	-33.3219	468.4192	-33.8148	468.4250	-34.3113	16.4	825	9	15.9	825	9	24	821	22	16.3	825.9
90°	468.4213	-33.3235	468.4218	-33.8156	468.4270	-34.3133											
60°	468.4214	-33.3226	468.4220	-33.8135	468.4282	-34.3118											
45°	468.4214	-33.3205	468.4221	-33.8125	Error 256	Error 256											
30°	468.4212	-33.3245	468.4221	-33.8116	468.4250	-34.3122											
7.00	468.4187	-33.3239	468.4184	-33.8152	468.4216	-34.3143	17.7	826	11	16.7	825	9	24	821	22	17.2	826.6
90°	468.4212	-33.3258	468.4210	-33.8133	468.4269	-34.3126											
60°	468.4213	-33.3222	468.4211	-33.8156	468.4260	-34.3126											
45°	468.4214	-33.3282	468.4212	-33.8158	Error 256	Error 256											
30°	468.4215	-33.3287	468.4213	-33.8191	468.4262	-34.3207											
8.00	468.4181	-33.3210	468.4177	-33.8169	468.4189	-34.3182	19.5	826	11	18.7	826	10	24	822	21	19	827
90°	468.4206	-33.3200	468.4203	-33.8161	468.4201	-34.3179											
60°	468.4207	-33.3229	468.4205	-33.8104	468.4226	-34.3164											
45°	468.4208	-33.3256	468.4206	-33.8116	468.4183	-34.3157											
30°	468.4209	-33.3219	468.4208	-33.8093	468.4230	-34.3157											
9.00	468.4172	-33.3256	468.4173	-33.8144	468.4213	-34.3160	21.5	826	10	21.0	826	9	24	822	21	21	827.2
90°	468.4198	-33.3272	468.4200	-33.8136	468.4202	-34.3169											
60°	468.4199	-33.3253	468.4204	-33.8106	468.4202	-34.3159											
45°	468.4200	-33.3215	468.4201	-33.8121	468.4214	-34.3131											
30°	468.4201	-33.3268	468.4203	-33.8119	468.4230	-34.3141											
10.00	468.4162	-33.3257	468.4154	-33.8153	468.4206	-34.3177	23.6	826	8	22.4	826	9	24	822	21	23.5	827.1
90°	468.4190	-33.3247	468.4180	-33.8192	468.4236	-34.3183											
60°	468.4193	-33.3232	468.4181	-33.8199	468.4182	-34.3142											
45°	468.4192	-33.3210	468.4182	-33.8189	Error 256	Error 256											
30°	468.4193	-33.3241	468.4184	-33.8184	468.4218	-34.3142											
11.00	468.4147	-33.3251	468.4147	-33.8152	468.4196	-34.3145	26.9	826	7	24.1	826	8	24.5	822	21	26.3	826.6
90°	468.4172	-33.3252	468.4172	-33.8172	468.4173	-34.3121											
60°	468.4174	-33.3245	468.4172	-33.8138	468.4193	-34.3120											
45°	468.4175	-33.3244	468.4175	-33.8139	468.4212	-34.3110											
30°	468.4175	-33.3252	468.4176	-33.8107	468.4200	-34.3160											
12.00	468.4146	-33.3254	468.4147	-33.8159	468.4161	-34.3106	27.2	826	7	25.1	826	8	25	822	21	27.1	826.2
90°	468.4174	-33.3224	468.4173	-33.8155	468.4178	-34.3109											
60°	468.4175	-33.3255	468.4175	-33.8135	468.4179	-34.3112											
45°	468.4175	-33.3275	468.4175	-33.8158	468.4163	-34.3140											
30°	468.4177	-33.3257	468.4177	-33.8182	468.4191	-34.3153											
13.00	468.4145	-33.3241	468.4146	-33.8179	468.4201	-34.3170	28	826	6	26.0	826	7	25.5	821	21	28.2	825.9
90°	468.4172	-33.3222	468.4173	-33.8188	468.4224	-34.3160											

60°	468.4177	-33.3218	468.4176	-33.8154	468.4216	-34.3155											
45°	468.4171	-33.3279	468.4177	-33.8156	468.4198	-34.3124											
30°	468.4176	-33.3230	468.4177	-33.8154	468.4220	-34.3154											
14.00	468.4143	-33.3214	468.4144	-33.8147	468.4192	-34.3176	28.5	825	6	26.6	826	7	26	821	21	28.9	825.3
90°	468.4169	-33.3236	468.4170	-33.8169	468.4181	-34.3176											
60°	468.4173	-33.3225	468.4171	-33.8175	468.4203	-34.3162											
45°	468.4172	-33.3213	468.4172	-33.8163	468.4170	-34.3174											
30°	468.4174	-33.3253	468.4172	-33.8181	468.4180	-34.3131											
15.00	468.4143	-33.3253	468.4144	-33.8154	468.4195	-34.3187	28.8	825	6	27.1	827	7	26.5	820	20	28.9	824.9
90°	468.4170	-33.3253	468.4172	-33.8140	468.4191	-34.3189											
60°	468.4173	-33.3255	468.4171	-33.8134	468.4219	-34.3117											
45°	468.4173	-33.3228	468.4170	-33.8190	Error 256	Error 256											
30°	468.4174	-33.3227	468.4173	-33.8134	468.4198	-34.3219											
16.00	468.4142	-33.3250	468.4140	-33.8168	468.4183	-34.3206	30.3	825	5	26.9	828	7	27	820	20	29.5	824.8
90°	468.4170	-33.3221	468.4166	-33.8188	468.4200	-34.3157											
60°	468.4170	-33.3252	468.4170	-33.8170	468.4212	-34.3167											
45°	468.4171	-33.3223	468.4168	-33.8108	Error 256	Error 256											
30°	468.4172	-33.3238	468.4171	-33.8179	468.4190	-34.3119											
17.00	468.4143	-33.3229	468.4143	-33.8175	468.4212	-34.3156	28.6	825	6	26.1	828	7	27.5	820	20	28.2	825.2
90°	468.4167	-33.3256	468.4168	-33.8162	468.4199	-34.3186											
60°	468.4169	-33.3209	468.4170	-33.8166	468.4200	-34.3127											
45°	468.4170	-33.3267	468.4173	-33.8149	468.4203	-34.3141											
30°	468.4174	-33.3276	468.4174	-33.8191	468.4181	-34.3158											
18.00	468.4147	-33.3214	468.4149	-33.8158	468.4196	-34.3179	27.9	825	7	24.9	828	8	27.5	821	20	27	825.6
90°	468.4174	-33.3272	468.4175	-33.8110	468.4229	-34.3195											
60°	468.4178	-33.3232	468.4177	-33.8142	468.4238	-34.3190											
45°	468.4178	-33.3240	468.4177	-33.8158	Error 256	Error 256											
30°	468.4178	-33.3254	468.4177	-33.8189	468.4196	-34.3129											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
12/10/2010	6.38 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4188	-33.3262	468.4191	-33.8159	468.4246	-34.3201	17.7	827	14	18.4	826	10	24	823	21	17.5	827.9
90°	468.4225	-33.3241	468.4227	-33.8192	468.4249	-34.3235											
60°	468.4228	-33.3256	468.4231	-33.8175	468.4294	-34.3218											
45°	468.4228	-33.3235	468.4231	-33.8188	Error 275	Error 275											
30°	468.4226	-33.3222	468.4230	-33.8180	468.4233	-34.3142											
7.00	468.4188	-33.3255	468.4190	-33.8171	468.4238	-34.3151	17.5	827	19	17.4	826	11	24.5	823	21	17	828.5
90°	468.4224	-33.3213	468.4225	-33.8133	468.4248	-34.3167											
60°	468.4227	-33.3250	468.4231	-33.8178	468.4290	-34.3168											
45°	468.4227	-33.3259	468.4230	-33.8153	Error 256	Error 256											
30°	468.4228	-33.3244	468.4231	-33.8166	468.4270	-34.3146											

8.00	468.4187	-33.3229	468.4188	-33.8166	468.4227	-34.3223	18.5	828	18	18.9	827	10	24.5	824	21	18.4	828.5
90°	468.4225	-33.3240	468.4225	-33.8167	468.4256	-34.3225											
60°	468.4225	-33.3237	468.4226	-33.8161	468.4287	-34.3204											
45°	468.4227	-33.3226	468.4230	-33.8141	Error 256	Error 256											
30°	468.4227	-33.3209	468.4228	-33.8162	468.4271	-34.3184											
9.00	468.4186	-33.3213	468.4188	-33.8139	468.4237	-34.3144	19	828	18	19.9	828	10	25	824	21	19.4	828.6
90°	468.4224	-33.3225	468.4223	-33.8172	468.4252	-34.3151											
60°	468.4223	-33.3218	468.4227	-33.8139	468.4283	-34.3152											
45°	468.4225	-33.3265	468.4228	-33.8174	Error 256	Error 256											
30°	468.4225	-33.3288	468.4224	-33.8171	468.4239	-34.3141											
10.00	468.4173	-33.3222	468.4168	-33.8169	468.4219	-34.3209	20.9	828	20	21.0	828	9	25	824	21	20.8	828.7
90°	468.4207	-33.3200	468.4204	-33.8171	468.4246	-34.3224											
60°	468.4210	-33.3295	468.4206	-33.8131	468.4259	-34.3176											
45°	468.4211	-33.3262	468.4206	-33.8196	Error 256	Error 256											
30°	468.4210	-33.3262	468.4208	-33.8182	468.4249	-34.3196											
11.00	468.4156	-33.3232	468.4157	-33.8126	468.4176	-34.3190	25.4	828	15	22.9	828	9	25.5	823	21	24.9	827.9
90°	468.4192	-33.3239	468.4193	-33.8114	468.4172	-34.3177											
60°	468.4192	-33.3261	468.4200	-33.8129	468.4220	-34.3153											
45°	468.4194	-33.3223	468.4194	-33.8178	468.4186	-34.3163											
30°	468.4193	-33.3243	468.4201	-33.8153	468.4273	-34.3186											
12.00	468.4149	-33.3232	468.4145	-33.8139	468.4178	-34.3165	27.2	828	12	24.2	828	8	25.5	823	21	27.4	827.6
90°	468.4187	-33.3220	468.4183	-33.8151	468.4185	-34.3162											
60°	468.4190	-33.3240	468.4184	-33.8182	468.4203	-34.3148											
45°	468.4189	-33.3256	468.4186	-33.8178	468.4212	-34.3119											
30°	468.4188	-33.3285	468.4186	-33.8166	468.4176	-34.3153											
13.00	468.4141	-33.3233	468.4142	-33.8180	468.4170	-34.3180	28.6	827	9	25.8	827	8	26	822	21	29.9	826.8
90°	468.4178	-33.3239	468.4179	-33.8181	468.4166	-34.3164											
60°	468.4180	-33.3234	468.4180	-33.8126	468.4231	-34.3172											
45°	468.4180	-33.3257	468.4180	-33.8167	Error 256	Error 256											
30°	468.4178	-33.3269	468.4181	-33.8144	468.4205	-34.3184											
14.00	468.4141	-33.3240	468.4141	-33.8147	468.4163	-34.3185	29.4	826	8	27.6	828	7	26.5	822	20	30.2	826.3
90°	468.4178	-33.3235	468.4178	-33.8163	468.4174	-34.3229											
60°	468.4178	-33.3199	468.4181	-33.8136	468.4223	-34.3211											
45°	468.4180	-33.3254	468.4182	-33.8194	Error 256	Error 256											
30°	468.4181	-33.3232	468.4180	-33.8184	468.4200	-34.3187											
15.00	468.4132	-33.3248	468.4137	-33.8158	468.4184	-34.3148	31.9	826	8	28.2	828	6	26.5	821	20	31.5	825.8
90°	468.4169	-33.3255	468.4171	-33.8108	468.4206	-34.3169											
60°	468.4170	-33.3260	468.4174	-33.8182	468.4230	-34.3194											
45°	468.4169	-33.3275	468.4176	-33.8209	Error 256	Error 256											
30°	468.4172	-33.3274	468.4175	-33.8157	468.4224	-34.3206											
16.00	468.4138	-33.3228	468.4137	-33.8138	468.4179	-34.3212	29.7	826	8	27.3	828	7	27	821	20	29.8	825.8
90°	468.4176	-33.3271	468.4172	-33.8125	468.4214	-34.3186											
60°	468.4177	-33.3270	468.4175	-33.8190	468.4193	-34.3146											
45°	468.4177	-33.3259	468.4177	-33.8189	Error 256	Error 256											

30°	468.4176	-33.3270	468.4176	-33.8178	468.4200	-34.3200											
17.00	468.4140	-33.3201	468.4145	-33.8157	468.4180	-34.3141	29.2	826	8	26.7	828	7	27.5	821	20	29.1	825.8
90°	468.4179	-33.3174	468.4183	-33.8133	468.4219	-34.3172											
60°	468.4178	-33.3262	468.4182	-33.8194	468.4223	-34.3185											
45°	468.4180	-33.3248	468.4183	-33.8193	Error 256	Error 256											
30°	468.4178	-33.3251	468.4184	-33.8157	468.4216	-34.3209											
18.00	468.4153	-33.3243	468.4151	-33.8169	468.4191	-34.3165	28	826	9	25.5	828	8	27.5	821	20	27.2	826.3
90°	468.4188	-33.3209	468.4185	-33.8187	468.4219	-34.3224											
60°	468.4188	-33.3259	468.4191	-33.8177	468.4263	-34.3204											
45°	468.4191	-33.3244	468.4191	-33.8165	Error 256	Error 256											
30°	468.4192	-33.3228	468.4190	-33.8150	468.4268	-34.3209											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
13/10/2010	6.38 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4197	-33.3262	468.4203	-33.8136	468.4265	-34.3168	14.8	829	52	15.4	828	47	25.5	824	23	14.6	829.4
90°	468.4237	-33.3252	468.4237	-33.8159	Error 256	Error 256											
60°	468.4236	-33.3233	468.4238	-33.8218	468.4293	-34.3180											
45°	468.4237	-33.3259	468.4242	-33.8215	Error 256	Error 256											
30°	468.4235	-33.3200	468.4242	-33.8208	468.4256	-34.3189											
7.00	468.4197	-33.3258	468.4202	-33.8135	468.4198	-34.3157	14.8	829	54	16.8	828	42	25.5	825	23	14.6	829.9
90°	468.4234	-33.3251	468.4238	-33.8129	468.4184	-34.3146											
60°	468.4234	-33.3235	468.4241	-33.8168	468.4290	-34.3168											
45°	468.4236	-33.3222	468.4242	-33.8174	Error 256	Error 256											
30°	468.4236	-33.3230	468.4242	-33.8155	468.4279	-34.3152											
8.00	468.4195	-33.3240	468.4204	-33.8185	468.4224	-34.3163	16	829	51	16.9	828	33	25.5	825	24	15.1	830.1
90°	468.4232	-33.3221	468.4240	-33.8174	468.4184	-34.3155											
60°	468.4233	-33.3244	468.4242	-33.8167	468.4293	-34.3166											
45°	468.4232	-33.3288	468.4243	-33.8179	Error 275	Error 275											
30°	468.4233	-33.3288	468.4243	-33.8162	468.4248	-34.3166											
9.00	468.4195	-33.3240	468.4198	-33.8182	468.4246	-34.3211	16	829	43	17.0	829	28	25.5	825	24	16.3	830
90°	468.4230	-33.3228	468.4233	-33.8136	468.4191	-34.3187											
60°	468.4231	-33.3234	468.4238	-33.8178	468.4299	-34.3136											
45°	468.4233	-33.3225	468.4235	-33.8196	Error 256	Error 256											
30°	468.4232	-33.3273	468.4234	-33.8182	468.4249	-34.3202											
10.00	468.4186	-33.3238	468.4187	-33.8185	468.4241	-34.3155	17	829	36	17.4	828	25	25.5	824	24	17.1	829.2
90°	468.4223	-33.3199	468.4223	-33.8125	468.4202	-34.3122											
60°	468.4224	-33.3233	468.4226	-33.8140	468.4283	-34.3179											
45°	468.4225	-33.3271	468.4225	-33.8168	Error 256	Error 256											
30°	468.4226	-33.3265	468.4227	-33.8148	468.4268	-34.3130											
11.00	468.4182	-33.3236	468.4180	-33.8093	468.4200	-34.3129	20	828	33	20.0	828	22	26	824	24	19.7	828.6
90°	468.4218	-33.3199	468.4218	-33.8063	468.4160	-34.3120											
60°	468.4218	-33.3222	468.4219	-33.8176	468.4259	-34.3121											

45°	468.4223	-33.3231	468.4215	-33.8193	Error 256	Error 256											
30°	468.4223	-33.3201	468.4218	-33.8166	468.4256	-34.3137											
12.00	468.4180	-33.3249	468.4178	-33.8120	468.4196	-34.3207	20.5	828	25	20.5	828	15	26	823	25	19.7	828.2
90°	468.4217	-33.3218	468.4215	-33.8087	468.4198	-34.3198											
60°	468.4218	-33.3248	468.4219	-33.8153	468.4259	-34.3207											
45°	468.4220	-33.3231	468.4218	-33.8180	468.4255	-34.3185											
30°	468.4221	-33.3248	468.4218	-33.8169	468.4219	-34.3212											
13.00	468.4174	-33.3204	468.4172	-33.8124	468.4170	-34.3140	20.8	827	20	20.9	827	13	26	823	25	20.3	827.1
90°	468.4210	-33.3199	468.4210	-33.8077	468.4197	-34.3155											
60°	468.4211	-33.3234	468.4208	-33.8194	468.4255	-34.3130											
45°	468.4212	-33.3250	468.4210	-33.8173	468.4234	-34.3159											
30°	468.4212	-33.3223	468.4211	-33.8129	468.4247	-34.3148											
14.00	468.4168	-33.3223	468.4169	-33.8141	468.4210	-34.3136	22.3	826	19	23.8	827	13	26.5	821	24	21.3	826
90°	468.4204	-33.3263	468.4204	-33.8170	468.4242	-34.3113											
60°	468.4205	-33.3220	468.4205	-33.8187	468.4253	-34.3161											
45°	468.4205	-33.3252	468.4209	-33.8174	468.4208	-34.3169											
30°	468.4207	-33.3242	468.4206	-33.8179	468.4211	-34.3161											
15.00	468.4167	-33.3228	468.4167	-33.8168	468.4194	-34.3230	23.1	825	19	23.8	826	13	26.5	821	24	22.7	825
90°	468.4202	-33.3234	468.4205	-33.8091	468.4224	-34.3215											
60°	468.4207	-33.3253	468.4203	-33.8153	468.4215	-34.3169											
45°	468.4204	-33.3236	468.4208	-33.8144	Error 256	Error 256											
30°	468.4207	-33.3237	468.4206	-33.8171	468.4245	-34.3168											
16.00	468.4170	-33.3202	468.4170	-33.8164	468.4219	-34.3139	22.1	825	19	22.0	826	13	26.5	820	24	21.2	825.2
90°	468.4207	-33.3225	468.4207	-33.8090	468.4166	-34.3131											
60°	468.4211	-33.3225	468.4210	-33.8118	468.4245	-34.3153											
45°	468.4210	-33.3231	468.4209	-33.8155	Error 256	Error 256											
30°	468.4210	-33.3244	468.4209	-33.8150	468.4212	-34.3145											
17.00	468.4174	-33.3243	468.4171	-33.8169	468.4212	-34.3156	20.7	825	20	20.7	825	18	26.5	820	24	20.5	825
90°	468.4211	-33.3199	468.4208	-33.8130	468.4165	-34.3156											
60°	468.4210	-33.3254	468.4209	-33.8194	468.4264	-34.3160											
45°	468.4212	-33.3233	468.4209	-33.8185	Error 256	Error 256											
30°	468.4210	-33.3246	468.4210	-33.8140	468.4228	-34.3161											
18.00	468.4177	-33.3198	468.4177	-33.8112	468.4234	-34.3140	20.4	825	31	19.8	824	22	26.5	820	24	19.6	825
90°	468.4213	-33.3214	468.4212	-33.8113	Error 256	Error 256											
60°	468.4216	-33.3252	468.4217	-33.8161	468.4268	-34.3193											
45°	468.4217	-33.3221	468.4216	-33.8174	Error 256	Error 256											
30°	468.4216	-33.3275	468.4218	-33.8118	468.4252	-34.3174											

LIGHT-TINTED

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
14/10/2010	3.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4201	-33.3223	468.4201	-33.8138	Error 256	Error 256	14.3	827	88	16.7	825	51	24.5	822	27	14.3	826.8
90°	468.4220	-33.3244	468.4220	-33.8118	Error 256	Error 256											

60°	468.4222	-33.3257	468.4224	-33.8173	Error 256	Error 256											
45°	468.4225	-33.3252	468.4220	-33.8155	Error 256	Error 256											
30°	468.4225	-33.3243	468.4222	-33.8157	Error 275	Error 275											
7.00	468.4205	-33.3241	468.4200	-33.8142	Error 256	Error 256	14.5	827	92	16.7	824	67	25	821	28	14.2	827.2
90°	468.4223	-33.3241	468.4221	-33.8122	Error 256	Error 256											
60°	468.4223	-33.3244	468.4221	-33.8153	Error 256	Error 256											
45°	468.4226	-33.3263	468.4224	-33.8107	Error 256	Error 256											
30°	468.4241	-33.3246	468.4223	-33.8110	Error 256	Error 256											
8.00	468.4202	-33.3226	468.4195	-33.8122	468.4257	-33.3114	14.6	826	94	16.6	824	83	25	821	30	14.6	826.4
90°	468.4220	-33.3213	468.4217	-33.8101	Error 256	Error 256											
60°	468.4222	-33.3233	468.4217	-33.8094	468.4228	-33.3154											
45°	468.4222	-33.3249	468.4218	-33.8087	Error 256	Error 256											
30°	468.4228	-33.3253	468.4220	-33.8147	468.4260	-33.3181											
9.00	468.4198	-33.3228	468.4189	-33.8150	468.4246	-33.3170	14.8	826	94	16.7	824	84	25	821	30	14.8	826.2
90°	468.4216	-33.3243	468.4212	-33.8118	Error 256	Error 256											
60°	468.4222	-33.3265	468.4213	-33.8132	468.4236	-33.3155											
45°	468.4220	-33.3227	468.4214	-33.8126	1.4670	0.1417											
30°	468.4223	-33.3258	468.4218	-33.8109	468.4184	-33.3143											
10.00	468.4199	-33.3206	468.4184	-33.8165	468.4204	-33.3180	15.3	826	90	17.6	824	81	25	821	30	15.7	825.6
90°	468.4218	-33.3201	468.4207	-33.8160	468.4110	-33.3186											
60°	468.4218	-33.3249	468.4211	-33.8147	468.4240	-33.3213											
45°	468.4219	-33.3233	468.4208	-33.8148	Error 256	Error 256											
30°	468.4223	-33.3265	468.4206	-33.8175	468.4241	-33.3259											
11.00	468.4184	-33.3232	468.4171	-33.8152	468.4185	-33.3204	17.9	823	80	18.9	823	69	25	820	31	17	824.3
90°	468.4208	-33.3197	468.4191	-33.8162	468.4136	-33.3151											
60°	468.4212	-33.3228	468.4191	-33.8160	468.4186	-33.3199											
45°	468.4206	-33.3203	468.4191	-33.8181	Error 275	Error 275											
30°	468.4210	-33.3260	468.4194	-33.8180	Error 275	Error 275											
12.00	468.4180	-33.3239	468.4172	-33.8157	468.4203	-33.3176	19	824	65	19.3	824	64	25	819	31	18.9	824.2
90°	468.4203	-33.3227	468.4191	-33.8153	468.4140	-33.3190											
60°	468.4203	-33.3187	468.4190	-33.8136	468.4182	-33.3187											
45°	468.4202	-33.3233	468.4191	-33.8110	468.4199	-33.3180											
30°	468.4204	-33.3276	468.4192	-33.8110	468.4226	-33.3182											
13.00	468.4179	-33.3238	468.4169	-33.8140	468.4209	-33.3193	18.9	824	67	19.7	823	37	25	819	31	18.6	824
90°	468.4201	-33.3244	468.4190	-33.8169	468.4160	-33.3165											
60°	468.4204	-33.3242	468.4190	-33.8191	468.4168	-33.3206											
45°	468.4200	-33.3242	468.4190	-33.8182	468.4206	-33.3191											
30°	468.4205	-33.3287	468.4190	-33.8142	468.4205	-33.3212											
14.00	468.4177	-33.3223	468.4168	-33.8115	468.4175	-33.3178	20.7	823	61	21.1	823	34	25.5	818	31	20.3	822.9
90°	468.4197	-33.3272	468.4188	-33.8123	468.4140	-33.3142											
60°	468.4197	-33.3262	468.4187	-33.8125	468.4221	-33.3181											
45°	468.4197	-33.3232	468.4188	-33.8102	468.4181	-33.3179											
30°	468.4200	-33.3226	468.4189	-33.8148	468.4219	-33.3196											
15.00	468.4177	-33.3234	468.4166	-33.8159	468.4170	-33.3126	20.1	822	61	20.5	822	34	25.5	818	31	19.3	823

90°	468.4197	-33.3237	468.4184	-33.8173	468.4103	-33.3170												
60°	468.4197	-33.3258	468.4187	-33.8129	468.4159	-33.3198												
45°	468.4196	-33.3221	468.4184	-33.8134	Error 256	Error 256												
30°	468.4199	-33.3277	468.4183	-33.8132	468.4206	-33.3163												
16.00	468.4178	-33.3232	468.4166	-33.8129	468.4214	-33.3204	20.2	822	58	20.9	821	34	25	818	31	19.4	822.5	
90°	468.4195	-33.3248	468.4185	-33.8125	468.4132	-33.3195												
60°	468.4197	-33.3280	468.4189	-33.8168	468.4183	-33.3206												
45°	468.4195	-33.3209	468.4188	-33.8172	Error 256	Error 256												
30°	468.4204	-33.3230	468.4187	-33.8189	468.4212	-33.3188												
17.00	468.4188	-33.3229	468.4176	-33.8159	468.4215	-33.3202	17.5	822	70	17.5	821	40	25	818	31	16.8	823.5	
90°	468.4206	-33.3232	468.4199	-33.8148	Error 256	Error 256												
60°	468.4210	-33.3215	468.4200	-33.8147	468.4198	-33.3145												
45°	468.4212	-33.3263	468.4199	-33.8146	468.4262	-33.3180												
30°	468.4212	-33.3278	468.4202	-33.8121	468.4233	-33.3167												
18.00	468.4190	-33.3278	468.4176	-33.8168	468.4228	-33.3118	17.2	822	67	17.0	822	40	25	818	31	16.3	823.8	
90°	468.4206	-33.3231	468.4197	-33.8138	Error 256	Error 256												
60°	468.4215	-33.3225	468.4199	-33.8137	468.4236	-33.3166												
45°	468.4213	-33.3241	468.4200	-33.8147	Error 256	Error 256												
30°	468.4216	-33.3262	468.4199	-33.8113	468.4246	-33.3182												

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
15/10/2010	3.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4224	-33.3228	468.4211	-33.8130	468.4255	-33.3146	10.7	822	73	10.7	821	62	23.5	819	29	10.2	824.3
90°	468.4249	-33.3244	468.4233	-33.8147	Error 256	Error 256											
60°	468.4252	-33.3225	468.4232	-33.8159	468.4254	-33.3163											
45°	468.4251	-33.3212	468.4227	-33.8152	Error 275	Error 275											
30°	468.4258	-33.3237	468.4239	-33.8153	468.4232	-33.3169											
7.00	468.4217	-33.3262	468.4203	-33.8167	468.4260	-33.3163	10.8	823	57	10.8	821	46	22	819	28	10.6	824.8
90°	468.4241	-33.3253	468.4222	-33.8155	468.4203	-33.3215											
60°	468.4242	-33.3275	468.4224	-33.8129	468.4220	-33.3237											
45°	468.4245	-33.3278	468.4225	-33.8149	468.4207	-33.3193											
30°	468.4243	-33.3282	468.4222	-33.8191	468.4222	-33.3162											
8.00	468.4223	-33.3266	468.4199	-33.8160	468.4218	-33.3169	11.1	824	49	11.5	825	42	21.5	820	28	11.1	825.5
90°	468.4242	-33.3230	468.4217	-33.8159	468.4205	-33.3124											
60°	468.4241	-33.3208	468.4217	-33.8152	468.4211	-33.3215											
45°	468.4247	-33.3224	468.4219	-33.8156	468.4220	-33.3209											
30°	468.4244	-33.3245	468.4223	-33.8141	468.4267	-33.3206											
9.00	468.4219	-33.3227	468.4196	-33.8111	468.4232	-33.3217	13	824	43	13.7	824	33	21.5	820	27	13.2	825.3
90°	468.4235	-33.3208	468.4213	-33.8147	468.4176	-33.3194											
60°	468.4234	-33.3227	468.4212	-33.8181	468.4218	-33.3162											
45°	468.4236	-33.3219	468.4216	-33.8136	468.4287	-33.3211											
30°	468.4236	-33.3286	468.4216	-33.8157	468.4220	-33.3159											

10.00	468.4206	-33.3200	468.4182	-33.8169	468.4245	-33.3130	15.9	824	39	14.4	824	28	21.5	820	27	15.2	825.1
90°	468.4224	-33.3258	468.4205	-33.8161	468.4075	-33.3148											
60°	468.4221	-33.3241	468.4201	-33.8160	468.4204	-33.3183											
45°	468.4222	-33.3284	468.4208	-33.8158	468.4240	-33.3212											
30°	468.4226	-33.3272	468.4211	-33.8167	468.4225	-33.3164											
11.00	468.4196	-33.3255	468.4177	-33.8141	468.4236	-33.3212	17.6	824	33	17.0	824	23	21.5	820	27	17	824.8
90°	468.4212	-33.3280	468.4199	-33.8153	468.4141	-33.3199											
60°	468.4210	-33.3262	468.4195	-33.8190	468.4224	-33.3204											
45°	468.4215	-33.3267	468.4199	-33.8155	Error 275	Error 275											
30°	468.4216	-33.3280	468.4195	-33.8183	468.4204	-33.3197											
12.00	468.4190	-33.3213	468.4174	-33.8116	468.4208	-33.3210	19.7	824	30	17.3	823	23	22	819	27	19.2	824.1
90°	468.4207	-33.3207	468.4189	-33.8139	468.4124	-33.3204											
60°	468.4202	-33.3287	468.4187	-33.8137	468.4282	-33.3188											
45°	468.4203	-33.3281	468.4193	-33.8129	468.4180	-33.3187											
30°	468.4206	-33.3285	468.4194	-33.8152	468.4184	-33.3181											
13.00	468.4185	-33.3220	468.4165	-33.8145	468.4196	-33.3152	20.4	824	22	17.4	822	18	22	819	26	20	823.6
90°	468.4204	-33.3241	468.4182	-33.8157	468.4172	-33.3104											
60°	468.4197	-33.3216	468.4182	-33.8180	468.4202	-33.3111											
45°	468.4203	-33.3250	468.4185	-33.8142	468.4247	-33.3129											
30°	468.4203	-33.3224	468.4185	-33.8147	468.4240	-33.3216											
14.00	468.4182	-33.3221	468.4167	-33.8148	468.4210	-33.3213	21.1	823	15	18.9	821	10	22.5	818	25	20.7	823.3
90°	468.4199	-33.3226	468.4184	-33.8127	468.4128	-33.3140											
60°	468.4198	-33.3265	468.4189	-33.8137	468.4270	-33.3200											
45°	468.4196	-33.3280	468.4190	-33.8153	468.4179	-33.3114											
30°	468.4201	-33.3244	468.4193	-33.8141	468.4199	-33.3085											
15.00	468.4177	-33.3231	468.4163	-33.8161	468.4212	-33.3188	22.5	823	13	19.4	821	10	23	818	24	21.8	822.8
90°	468.4195	-33.3233	468.4182	-33.8169	468.4157	-33.3203											
60°	468.4199	-33.3231	468.4185	-33.8179	468.4184	-33.3227											
45°	468.4201	-33.3248	468.4189	-33.8153	468.4168	-33.3199											
30°	468.4203	-33.3226	468.4192	-33.8187	468.4194	-33.3144											
16.00	468.4185	-33.3238	468.4165	-33.8157	468.4214	-33.3206	21.5	823	13	19.4	822	10	23	818	23	20.9	823.5
90°	468.4203	-33.3223	468.4182	-33.8162	468.4162	-33.3188											
60°	468.4204	-33.3273	468.4183	-33.8147	468.4196	-33.3160											
45°	468.4208	-33.3229	468.4192	-33.8141	468.4163	-33.3108											
30°	468.4207	-33.3272	468.4193	-33.8146	468.4216	-33.3134											
17.00	468.4190	-33.3252	468.4176	-33.8146	468.4218	-33.3213	19.1	823	13	18.7	823	10	23	819	23	18.9	824.2
90°	468.4207	-33.3280	468.4192	-33.8189	468.4133	-33.3192											
60°	468.4209	-33.3266	468.4199	-33.8153	468.4184	-33.3232											
45°	468.4212	-33.3262	468.4204	-33.8135	Error 256	Error 256											
30°	468.4215	-33.3281	468.4208	-33.8143	468.4198	-33.3217											
18.00	468.4206	-33.3219	468.4193	-33.8136			17.5	824	22	17.0	824	11	23	820	23	16.7	825.4
90°	468.4218	-33.3214	468.4206	-33.8186													
60°	468.4227	-33.3237	468.4208	-33.8219													
45°	468.4227	-33.3265	468.4219	-33.8182													

30°	468.4226	-33.3245	468.4220	-33.8113													
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DARK-TINTED

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
16/10/2010	3.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4261	-33.3230	468.4238	-33.8173	468.4291	-33.3227	6.7	829	72	6.8	827	65	22	825	24	6.2	830.6
90°	468.4277	-33.3248	468.4260	-33.8140	0.3373	0.2251											
60°	468.4280	-33.3250	468.4262	-33.8167	0.0905	0.2433											
45°	468.4283	-33.3294	468.4262	-33.8140													
30°	468.4286	-33.3235	468.4263	-33.8083													
7.00	468.4260	-33.3256	468.4238	-33.8163	468.4279	-33.3227	7	829	70	8.2	827	54	22	826	24	6.7	831.5
90°	468.4283	-33.3216	468.4258	-33.8212	0.3320	0.2255											
60°	468.4281	-33.3219	468.4256	-33.8197													
45°	468.4281	-33.3249	468.4259	-33.8185													
30°	468.4281	-33.3267	468.4263	-33.8172													
8.00	468.4241	-33.3251	468.4225	-33.8155	468.4245	-33.3160	8.9	830	68	9.8	828	52	22	827	24	8.9	832
90°	468.4262	-33.3273	468.4246	-33.8136													
60°	468.4260	-33.3259	468.4248	-33.8177													
45°	468.4260	-33.3290	468.4249	-33.8165													
30°	468.4254	-33.3225	468.4250	-33.8167													
9.00	468.4230	-33.3232	468.4210	-33.8163	468.4230	-33.3181	12.2	830	53	12.3	829	36	22	827	24	11.6	832
90°	468.4257	-33.3218	468.4236	-33.8154													
60°	468.4259	-33.3227	468.4238	-33.8127													
45°	468.4258	-33.3226	468.4243	-33.8163													
30°	468.4254	-33.3201	468.4242	-33.8166													
10.00	468.4226	-33.3229	468.4209	-33.8151	468.4254	-33.3162	14.2	830	47	14.4	829	30	22	827	24	13.8	831.8
90°	468.4251	-33.3249	468.4227	-33.8166	0.3237	0.2261											
60°	468.4248	-33.3255	468.4231	-33.8170													
45°	468.4245	-33.3255	468.4228	-33.8179													
30°	468.4251	-33.3237	468.4228	-33.8175													
11.00	468.4212	-33.3236	468.4199	-33.8180	468.4281	-33.3188	16	830	39	15.3	829	25	22.5	826	24	15.9	831.4
90°	468.4240	-33.3216	468.4221	-33.8149	0.3326	0.2254											
60°	468.4240	-33.3225	468.4222	-33.8151													
45°	468.4242	-33.3220	468.4218	-33.8166													
30°	468.4242	-33.3220	468.4222	-33.8134													
12.00	468.4202	-33.3230	468.4193	-33.8112	468.4225	-33.3210	18.7	830	33	16.2	829	21	22.5	826	24	18.6	830.8
90°	468.4234	-33.3224	468.4218	-33.8116	0.3329	0.2254											
60°	468.4234	-33.3208	468.4220	-33.8160													
45°	468.4232	-33.3203	468.4218	-33.8176													
30°	468.4237	-33.3226	468.4219	-33.8144													
13.00	468.4200	-33.3258	468.4187	-33.8186	468.4222	-33.3210	21.3	830	25	17.7	828	21	22.5	825	24	20.6	830.1
90°	468.4223	-33.3230	468.4209	-33.8172													
60°	468.4230	-33.3233	468.4209	-33.8137													

45°	468.4227	-33.3208	468.4210	-33.8218													
30°	468.4230	-33.3269	468.4211	-33.8188													
14.00	468.4194	-33.3258	468.4184	-33.8171	468.4242	-33.3127	22.3	829	24	18.5	827	16	22.5	825	24	21.9	829.4
90°	468.4213	-33.3230	468.4212	-33.8186													
60°	468.4213	-33.3233	468.4216	-33.8141													
45°	468.4219	-33.3208	468.4215	-33.8137													
30°	468.4218	-33.3269	468.4215	-33.8183													
15.00	468.4196	-33.3224	468.4182	-33.8157	468.4206	-33.3198	22.7	828	21	18.6	828	15	23	824	24	21.7	828.8
90°	468.4221	-33.3256	468.4210	-33.8135													
60°	468.4215	-33.3253	468.4207	-33.8150													
45°	468.4222	-33.3260	468.4212	-33.8151													
30°	468.4218	-33.3257	468.4206	-33.8186													
16.00	468.4197	-33.3224	468.4185	-33.8131	468.4212	-33.3163	22.1	828	20	18.8	828	13	23.5	824	24	21.6	829.1
90°	468.4225	-33.3227	468.4209	-33.8146													
60°	468.4220	-33.3247	468.4209	-33.8128													
45°	468.4225	-33.3202	468.4210	-33.8212													
30°	468.4226	-33.3214	468.4208	-33.8146													
17.00	468.4202	-33.3199	468.4188	-33.8186	468.4193	-33.3144	22	829	20	18.8	829	13	24	825	22	21.8	829.5
90°	468.4220	-33.3263	468.4221	-33.8165													
60°	468.4219	-33.3254	468.4216	-33.8173													
45°	468.4226	-33.3231	468.4214	-33.8165													
30°	468.4223	-33.3267	468.4211	-33.8147													
18.00	468.4200	-33.3230	468.4196	-33.8130	468.4207	-33.3143	21.6	830	20	18.4	831	13	24	825	22	21.2	829.9
90°	468.4225	-33.3206	468.4217	-33.8149													
60°	468.4224	-33.3268	468.4217	-33.8170													
45°	468.4225	-33.3286	468.4221	-33.8150													
30°	468.4224	-33.3271	468.4222	-33.8163													

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
17/10/2010	3.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	468.4243	-33.3252	468.4234	-33.8139	468.4297	-33.3159	10.2	832	71	10.6	829	56	22.5	827	24	9.7	832.2
90°	468.4271	-33.3239	468.4254	-33.8137	0.3349	0.2253											
60°	468.4267	-33.3222	468.4252	-33.8134	0.0922	0.2432											
45°	468.4272	-33.3241	468.4261	-33.8142	Error 256	Error 256											
30°	468.4271	-33.3247	468.4260	-33.8133	Error 275	Error 275											
7.00	468.4243	-33.3210	468.4233	-33.8150	468.4266	-33.3160	10.3	832	72	12.0	830	50	22.5	827	24	9.9	832.8
90°	468.4264	-33.3217	468.4254	-33.8141													
60°	468.4263	-33.3225	468.4250	-33.8134													
45°	468.4271	-33.3228	468.4253	-33.8166													
30°	468.4272	-33.3203	468.4257	-33.8153													

8.00	468.4243	-33.3225	468.4229	-33.8162	468.4262	-33.3171	10.7	832	69	13.7	830	45	22.5	828	25	10.6	833.5
90°	468.4260	-33.3233	468.4248	-33.8146													
60°	468.4264	-33.3247	468.4246	-33.8156													
45°	468.4266	-33.3254	468.4251	-33.8163													
30°	468.4264	-33.3227	468.4243	-33.8151													
9.00	468.4235	-33.3235	468.4225	-33.8149	468.4272	-33.3192	12.1	832	64	13.9	831	36	22.5	828	25	11.6	833.8
90°	468.4254	-33.3266	468.4247	-33.8137													
60°	468.4259	-33.3243	468.4245	-33.8137													
45°	468.4262	-33.3231	468.4248	-33.8127													
30°	468.4263	-33.3268	468.4248	-33.8148													
10.00	468.4227	-33.3252	468.4217	-33.8150	468.4264	-33.3136	13.8	832	56	13.9	831	32	23	829	25	13.3	833.6
90°	468.4250	-33.3268	468.4239	-33.8174													
60°	468.4246	-33.3281	468.4239	-33.8155													
45°	468.4250	-33.3264	468.4245	-33.8136													
30°	468.4254	-33.3234	468.4244	-33.8155													
11.00	468.4225	-33.3233	468.4207	-33.8157	468.4250	-33.3159	15.7	832	49	15.9	832	28	23	828	25	15.3	833.6
90°	468.4246	-33.3246	468.4230	-33.8163													
60°	468.4245	-33.3234	468.4227	-33.8185													
45°	468.4246	-33.3253	468.4231	-33.8187													
30°	468.4246	-33.3236	468.4231	-33.8126													
12.00	468.4212	-33.3225	468.4198	-33.8133	468.4216	-33.3178	17.3	831	42	19.5	831	27	23	828	25	17.2	832.7
90°	468.4235	-33.3222	468.4223	-33.8130													
60°	468.4234	-33.3217	468.4224	-33.8146													
45°	468.4240	-33.3232	468.4225	-33.8165													
30°	468.4241	-33.3230	468.4226	-33.8181													
13.00	468.4209	-33.3240	468.4195	-33.8165	468.4218	-33.3151	18.8	831	33	19.4	830	27	23	827	25	19.1	832.2
90°	468.4229	-33.3235	468.4219	-33.8155													
60°	468.4230	-33.3233	468.4219	-33.8156													
45°	468.4231	-33.3212	468.4215	-33.8185													
30°	468.4234	-33.3233	468.4219	-33.8186													
14.00	468.4193	-33.3249	468.4190	-33.8150	468.4244	-33.3193	22.4	831	23	20.0	830	24	23	827	26	21.8	831.6
90°	468.4226	-33.3213	468.4208	-33.8173													
60°	468.4223	-33.3271	468.4212	-33.8193													
45°	468.4227	-33.3242	468.4210	-33.8187													
30°	468.4226	-33.3249	468.4213	-33.8177													
15.00	468.4190	-33.3253	468.4183	-33.8161	468.4220	-33.3152	24.7	830	20	21.5	830	19	23.5	826	25	24.1	830.8
90°	468.4216	-33.3254	468.4206	-33.8168													
60°	468.4217	-33.3213	468.4210	-33.8129													
45°	468.4218	-33.3277	468.4212	-33.8168													
30°	468.4222	-33.3275	468.4214	-33.8156													
16.00	468.4202	-33.3221	468.4186	-33.8144	468.4231	-33.3177	23.3	830	14	21.6	831	14	24	826	24	22.4	830.4
90°	468.4227	-33.3238	468.4214	-33.8131													
60°	468.4228	-33.3183	468.4210	-33.8141													
45°	468.4227	-33.3176	468.4209	-33.8165													

30°	468.4227	-33.3266	468.4213	-33.8175													
17.00	468.4201	-33.3269	468.4190	-33.8148	468.4240	-33.3217	23.2	830	13	21.3	831	14	24	826	24	22.6	830.8
90°	468.4223	-33.3238	468.4217	-33.8108													
60°	468.4220	-33.3276	468.4212	-33.8177													
45°	468.4224	-33.3247	468.4215	-33.8168													
30°	468.4225	-33.3222	468.4217	-33.8185													
18.00	468.4202	-33.3237	468.4197	-33.8157	468.4234	-33.3186	20.7	831	20	20.4	832	17	24	827	24	20	831.6
90°	468.4225	-33.3229	468.4221	-33.8108													
60°	468.4228	-33.3226	468.4221	-33.8115													
45°	468.4230	-33.3211	468.4221	-33.8134													
30°	468.4229	-33.3225	468.4222	-33.8125													

LONGEST DISTANCE

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
26/10/2010	4.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	698.0457	-13.1116	698.0374	-13.6187	698.0700	-14.0987	12.2	827	31	12.0	824	30	22.5	822	22	11.7	827.4
90°	698.0477	-13.1051	698.0393	-13.6178	Error 256	Error 256											
60°	698.0476	-13.1082	698.0390	-13.6170	698.0710	-14.1020											
45°	698.0476	-13.1046	698.0394	-13.6118	698.0704	-14.1019											
30°	698.0480	-13.1035	698.0395	-13.6146	698.0699	-14.0967											
7.00	698.0446	-13.1040	698.0364	-13.6173	698.0697	-14.1016	12.6	827	32	12.6	824	30	22.5	823	22	12.6	828.1
90°	698.0464	-13.1169	698.0383	-13.6106	Error 275	Error 275											
60°	698.0466	-13.1144	698.0380	-13.6117	698.0662	-14.0897											
45°	698.0467	-13.1131	698.0385	-13.6112	698.0697	-14.0891											
30°	698.0467	-13.1159	698.0385	-13.6127	698.0648	-14.0883											
8.00	698.0445	-13.1105	698.0355	-13.6195	698.0670	-14.0894	15.4	827	28	15.1	825	26	22.5	823	22	14.6	828.2
90°	698.0463	-13.1057	698.0373	-13.6179	698.0667	-14.0922											
60°	698.0462	-13.1029	698.0374	-13.6186	698.0700	-14.0883											
45°	698.0462	-13.0982	698.0376	-13.6163	698.0715	-14.0915											
30°	698.0463	-13.1009	698.0375	-13.6174	698.0678	-14.0914											
9.00	698.0425	-13.1165	698.0348	-13.6174	698.0663	-14.0886	17.4	827	26	17.7	825	23	22.5	823	22	16.6	828.3
90°	698.0442	-13.1076	698.0367	-13.6168	698.0658	-14.0876											
60°	698.0443	-13.1163	698.0367	-13.6102	698.0692	-14.0865											
45°	698.0445	-13.1108	698.0369	-13.6156	698.0712	-14.0887											
30°	698.0446	-13.1172	698.0368	-13.6153	698.0683	-14.0929											
10.00	698.0418	-13.1194	698.0346	-13.6121	698.0663	-14.0990	19.3	828	23	18.0	826	20	22.5	824	22	18.9	828.7
90°	698.0437	-13.1162	698.0364	-13.6163	698.0646	-14.0880											
60°	698.0435	-13.1159	698.0363	-13.6142	698.0674	-14.0871											
45°	698.0438	-13.1161	698.0366	-13.6114	698.0716	-14.0901											
30°	698.0439	-13.1131	698.0366	-13.6174	698.0673	-14.0907											
11.00	698.0413	-13.1145	698.0336	-13.6142	698.0672	-14.1043	20.4	828	21	18.6	826	19	23	823	22	20.3	828.1
90°	698.0431	-13.1137	698.0354	-13.6217	698.0657	-14.0913											
60°	698.0432	-13.1177	698.0357	-13.6260	698.0687	-14.0927											

45°	698.0434	-13.1124	698.0357	-13.6256	698.0693	-14.0929											
30°	698.0434	-13.1077	698.0357	-13.6264	698.0678	-14.0996											
12.00	698.0400	-13.1121	698.0324	-13.6149	698.0648	-14.0942	24	827	18	19.7	825	16	23	822	22	23	827.2
90°	698.0420	-13.1169	698.0339	-13.6121	Error 256	Error 256											
60°	698.0421	-13.1146	698.0344	-13.6127	698.0670	-14.1027											
45°	698.0418	-13.1179	698.0342	-13.6136	698.0700	-14.0949											
30°	698.0421	-13.1157	698.0345	-13.6153	698.0665	-14.0928											
13.00	698.0392	-13.1045	698.0322	-13.6118	698.0632	-14.0892	26.3	827	15	26	825	12	23	822	22	24.9	826.7
90°	698.0412	-13.1045	698.0339	-13.6100	698.0649	-14.0866											
60°	698.0411	-13.1056	698.0339	-13.6129	698.0647	-14.1039											
45°	698.0411	-13.1056	698.0339	-13.6117	698.0637	-14.0962											
30°	698.0412	-13.1067	698.0339	-13.6125	698.0653	-14.0874											
14.00	698.0388	-13.1067	698.0305	-13.6237	698.0619	-14.0983	27.6	825	12	26.5	825	9	23.5	821	22	26.6	826.1
90°	698.0406	-13.1053	698.0323	-13.6116	698.0649	-14.1073											
60°	698.0407	-13.1164	698.0324	-13.6179	698.0651	-14.0959											
45°	698.0408	-13.1153	698.0325	-13.6168	698.0659	-14.1011											
30°	698.0409	-13.1167	698.0325	-13.6173	698.0630	-14.0915											
15.00	698.0385	-13.1149	698.0305	-13.6183	698.0615	-14.0928	27.7	825	9	26.3	826	8	24	821	21	26.8	825.8
90°	698.0404	-13.1178	698.0324	-13.6176	698.0643	-14.0997											
60°	698.0405	-13.1186	698.0323	-13.6123	698.0664	-14.1018											
45°	698.0406	-13.1153	698.0326	-13.6115	698.0674	-14.1016											
30°	698.0406	-13.1175	698.0326	-13.6119	698.0635	-14.0887											
16.00	698.0375	-13.1112	698.0302	-13.6124	698.0630	-14.0921	28.6	825	9	26.7	826	8	24	821	21	27.7	825.4
90°	698.0394	-13.1146	698.0319	-13.6175	698.0638	-14.0862											
60°	698.0393	-13.1153	698.0321	-13.6154	698.0641	-14.0918											
45°	698.0395	-13.1182	698.0322	-13.6125	698.0645	-14.0921											
30°	698.0396	-13.1192	698.0322	-13.6119	698.0649	-14.0964											
17.00	698.0379	-13.1131	698.0302	-13.6229	698.0594	-14.0975	28.4	825	9	26.5	827	8	25.5	821	21	27.5	825.6
90°	698.0397	-13.1183	698.0320	-13.6084	698.0606	-14.0915											
60°	698.0396	-13.1157	698.0319	-13.6233	698.0618	-14.1012											
45°	698.0400	-13.1105	698.0323	-13.6189	698.0621	-14.0977											
30°	698.0400	-13.1135	698.0323	-13.6298	698.0616	-14.0943											
18.00	698.0380	-13.1081	698.0296	-13.6181	698.0589	-14.0871	28.3	826	9	25.7	830	9	26	821	21	27.3	825.8
90°	698.0399	-13.1135	698.0316	-13.6187	698.0621	-14.1048											
60°	698.0396	-13.1118	698.0315	-13.6174	698.0630	-14.0997											
45°	698.0401	-13.1148	698.0316	-13.6171	698.0639	-14.1051											
30°	698.0402	-13.1199	698.0317	-13.6153	698.0613	-14.0929											

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
27/10/2010	5.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	698.0458	-13.0869	698.0382	-13.5896	698.0695	-14.0847	12.3	829	61	13.8	825	38	24	823	22	11.7	828.7
90°	698.0485	-13.0777	698.0408	-13.5899	698.0731	-14.0774											

60°	698.0487	-13.0766	698.0409	-13.5932	698.0754	-14.0830											
45°	698.0486	-13.0792	698.0409	-13.5983	698.0768	-14.0874											
30°	698.0487	-13.0871	698.0410	-13.5985	698.0759	-14.0930											
7.00	698.0457	-13.0762	698.0378	-13.5934	698.0673	-14.0740	12.6	829	62	13.8	826	38	24	824	22	12.2	828.9
90°	698.0484	-13.0755	698.0404	-13.5884	698.0723	-14.0704											
60°	698.0485	-13.0862	698.0406	-13.5906	698.0733	-14.0677											
45°	698.0486	-13.0761	698.0405	-13.5931	698.0785	-14.0768											
30°	698.0486	-13.0892	698.0407	-13.5883	698.0756	-14.0778											
8.00	698.0450	-13.0728	698.0366	-13.5789	698.0682	-14.0923	14.2	829	59	14.8	826	33	24	824	23	13.7	828.9
90°	698.0476	-13.0695	698.0394	-13.5765	698.0719	-14.0858											
60°	698.0477	-13.0694	698.0391	-13.5822	698.0736	-14.0871											
45°	698.0479	-13.0699	698.0393	-13.5831	698.0756	-14.0858											
30°	698.0478	-13.0714	698.0395	-13.5742	698.0706	-14.0901											
9.00	698.0444	-13.0865	698.0350	-13.6170	698.0686	-14.0939	15	829	55	16.0	826	28	24	824	23	15.3	828.7
90°	698.0469	-13.0828	698.0378	-13.6191	698.0706	-14.0926											
60°	698.0471	-13.0843	698.0376	-13.6161	698.0695	-14.0896											
45°	698.0471	-13.0869	698.0375	-13.6172	698.0745	-14.0902											
30°	698.0473	-13.0852	698.0379	-13.6185	698.0730	-14.0906											
10.00	698.0430	-13.0881	698.0343	-13.6177	698.0663	-14.0890	17.7	828	50	17.5	826	26	24	823	24	17.1	828.4
90°	698.0457	-13.0837	698.0370	-13.6162	698.0681	-14.0900											
60°	698.0457	-13.0842	698.0368	-13.6210	698.0690	-14.0925											
45°	698.0459	-13.0861	698.0368	-13.6133	698.0752	-14.0947											
30°	698.0459	-13.0861	698.0372	-13.6155	698.0669	-14.0913											
11.00	698.0421	-13.0911	698.0339	-13.6158	698.0664	-14.1001	18.9	828	43	19.1	826	22	24	823	24	18.8	828
90°	698.0448	-13.0775	698.0363	-13.6117	698.0570	-14.0941											
60°	698.0449	-13.0852	698.0364	-13.6201	698.0699	-14.0926											
45°	698.0449	-13.0915	698.0364	-13.6181	698.0712	-14.0963											
30°	698.0450	-13.0811	698.0368	-13.6155	698.0610	-14.0986											
12.00	698.0410	-13.0862	698.0323	-13.6148	698.0664	-14.0995	21.8	827	34	22.5	825	22	24	822	25	21.4	826.7
90°	698.0439	-13.0805	698.0350	-13.6135	698.0590	-14.0953											
60°	698.0437	-13.0882	698.0351	-13.6137	698.0681	-14.0997											
45°	698.0438	-13.0870	698.0349	-13.6252	698.0736	-14.0981											
30°	698.0440	-13.0911	698.0352	-13.6131	698.0614	-14.0997											
13.00	698.0404	-13.0882	698.0321	-13.6159	698.0654	-14.0907	22.4	826	31	23.1	825	21	24	822	25	22.2	826.5
90°	698.0432	-13.0827	698.0347	-13.6245	698.0597	-14.0930											
60°	698.0431	-13.0881	698.0347	-13.6272	698.0726	-14.0906											
45°	698.0433	-13.0820	698.0347	-13.6263	698.0738	-14.1034											
30°	698.0433	-13.0921	698.0350	-13.6190	698.0623	-14.1018											
14.00	698.0397	-13.0885	698.0313	-13.6189	698.0652	-14.0992	24.4	826	23	24.1	824	15	24.5	821	26	24.2	825.7
90°	698.0424	-13.0888	698.0339	-13.6227	Error 256	Error 256											
60°	698.0424	-13.0857	698.0340	-13.6192	698.0696	-14.0856											
45°	698.0426	-13.0866	698.0342	-13.6183	Error 256	Error 256											
30°	698.0427	-13.0891	698.0342	-13.6184	698.0620	-14.0892											
15.00	698.0392	-13.0804	698.0302	-13.6158	698.0637	-14.0879	26	825	21	24.6	825	15	25	820	26	25.1	825

90°	698.0420	-13.0755	698.0329	-13.6260	698.0660	-14.0884												
60°	698.0421	-13.0726	698.0328	-13.6286	698.0615	-14.0866												
45°	698.0422	-13.0762	698.0330	-13.6243	698.0647	-14.0896												
30°	698.0422	-13.0815	698.0333	-13.6215	698.0624	-14.1042												
16.00	698.0386	-13.0819	698.0299	-13.6182	698.0574	-14.1022	27.5	824	18	24.9	824	13	25.5	819	26	26.3	824.2	
90°	698.0411	-13.0786	698.0325	-13.6228	698.0544	-14.0948												
60°	698.0413	-13.0810	698.0326	-13.6296	698.0568	-14.1010												
45°	698.0415	-13.0785	698.0327	-13.6196	698.0644	-14.0910												
30°	698.0416	-13.0811	698.0329	-13.6183	698.0576	-14.0864												
17.00	698.0385	-13.0764	698.0296	-13.6140	698.0633	-14.1047	27.4	824	18	24.8	824	13	26	819	26	26	823.8	
90°	698.0412	-13.0908	698.0323	-13.6174	698.0643	-14.0847												
60°	698.0411	-13.0869	698.0322	-13.6199	698.0666	-14.0947												
45°	698.0415	-13.0913	698.0322	-13.6273	698.0688	-14.0922												
30°	698.0416	-13.0832	698.0324	-13.6193	698.0597	-14.0978												
18.00	698.0391	-13.0795	698.0300	-13.6145	698.0651	-14.1004	24.6	824	21	23.1	824	16	26	819	25	24	824.3	
90°	698.0419	-13.0755	698.0328	-13.6145	Error 256	Error 256												
60°	698.0418	-13.0804	698.0327	-13.6134	698.0675	-14.0988												
45°	698.0421	-13.0793	698.0329	-13.6159	Error 256	Error 256												
30°	698.0422	-13.0752	698.0329	-13.6140	698.0660	-14.0937												

Date	Mini			Circular		Sticker		Outside			Outside			Inside			Geomos	
28/10/2010	6.38 mm							Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD		HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	698.0447	-13.0842		698.0361	-13.6149	698.0704	-14.1008	12.6	826	96	13.3	824	90	23	821	34	12.6	826.5
90°	698.0485	-13.0838		698.0397	-13.6114	698.0680	-14.0952											
60°	698.0487	-13.0849		698.0402	-13.6115	Error 256	Error 256											
45°	698.0489	-13.0840		698.0403	-13.6219	Error 256	Error 256											
30°	698.0489	-13.0842		698.0404	-13.6190	698.0674	-14.1001											
7.00	698.0450	-13.0892		698.0359	-13.6214	698.0711	-14.0936	12.7	826	96	13.6	824	90	23	822	34	12.9	827.2
90°	698.0485	-13.0912		698.0395	-13.6212	698.0706	-14.0922											
60°	698.0487	-13.0837		698.0401	-13.6196	698.0718	-14.0925											
45°	698.0490	-13.0815		698.0409	-13.6190	Error 256	Error 256											
30°	698.0499	-13.0874		698.0408	-13.6202	698.0794	-14.0873											
8.00	698.0456	-13.0804		698.0363	-13.6253	698.0697	-14.1014	14.1	826	93	14.8	824	84	23	822	34	13.6	826.5
90°	698.0487	-13.0807		698.0398	-13.6257	698.0689	-14.0998											
60°	698.0488	-13.0835		698.0402	-13.6246	698.0711	-14.1004											
45°	698.0494	-13.0814		698.0400	-13.6228	698.0741	-14.0970											
30°	698.0495	-13.0762		698.0406	-13.6180	698.0787	-14.0976											
9.00	698.0457	-13.0830		698.0363	-13.6137	698.0707	-14.0983	14.3	827	91	15.4	824	79	23	823	36	14.1	828.1
90°	698.0486	-13.0782		698.0395	-13.6133	Error 256	Error 256											
60°	698.0488	-13.0789		698.0399	-13.6175	698.0701	-14.0907											
45°	698.0492	-13.0785		698.0402	-13.6145	Error 256	Error 256											
30°	698.0497	-13.0816		698.0403	-13.6175	698.0781	-14.0934											

10.00	698.0451	-13.0809	698.0355	-13.6228	698.0685	-14.0993	15.6	827	89	16.1	825	59	23	823	36	14.7	827.9
90°	698.0480	-13.0772	698.0392	-13.6158	Error 256	Error 256											
60°	698.0481	-13.0821	698.0395	-13.6207	698.0704	-14.0897											
45°	698.0487	-13.0802	698.0395	-13.6279	Error 256	Error 256											
30°	698.0489	-13.0853	698.0398	-13.6167	698.0775	-14.1008											
11.00	698.0441	-13.0783	698.0352	-13.6172	698.0690	-14.0932	16.1	827	83	16.1	825	50	23	823	36	15.7	827.7
90°	698.0479	-13.0764	698.0387	-13.6150	698.0676	-14.0935											
60°	698.0477	-13.0785	698.0388	-13.6167	698.0718	-14.0979											
45°	698.0480	-13.0767	698.0388	-13.6230	Error 256	Error 256											
30°	698.0484	-13.0845	698.0393	-13.6200	698.0786	-14.0928											
12.00	698.0439	-13.0852	698.0344	-13.6165	698.0663	-14.0907	17.7	827	78	17.7	825	49	23	822	36	17	827.3
90°	698.0470	-13.0869	698.0377	-13.6206	Error 256	Error 256											
60°	698.0470	-13.0829	698.0378	-13.6196	698.0707	-14.1003											
45°	698.0473	-13.0781	698.0380	-13.6241	Error 256	Error 256											
30°	698.0482	-13.0837	698.0384	-13.6179	698.0762	-14.0942											
13.00	698.0420	-13.0766	698.0329	-13.6111	698.0662	-14.0897	20.4	826	61	20.2	825	42	23.5	822	36	20.2	826.5
90°	698.0455	-13.0811	698.0359	-13.6270	698.0688	-14.0927											
60°	698.0454	-13.0831	698.0364	-13.6239	698.0682	-14.0942											
45°	698.0459	-13.0804	698.0363	-13.6261	Error 256	Error 256											
30°	698.0461	-13.0817	698.0372	-13.6260	698.0760	-14.0937											
14.00	698.0395	-13.0823	698.0306	-13.6113	698.0650	-14.0997	23.9	826	32	22.7	825	31	24	821	35	23.5	825.9
90°	698.0433	-13.0844	698.0346	-13.6207	698.0681	-14.0963											
60°	698.0434	-13.0875	698.0351	-13.6158	698.0685	-14.0976											
45°	698.0435	-13.0817	698.0350	-13.6286	698.0660	-14.0872											
30°	698.0438	-13.0863	698.0353	-13.6114	698.0734	-14.0959											
15.00	698.0401	-13.0852	698.0304	-13.6215	698.0602	-14.0921	25	826	20	24.5	825	22	24	821	30	24.9	825.8
90°	698.0432	-13.0760	698.0343	-13.6117	698.0669	-14.0879											
60°	698.0432	-13.0784	698.0346	-13.6147	698.0691	-14.1019											
45°	698.0436	-13.0795	698.0346	-13.6146	698.0664	-14.0887											
30°	698.0441	-13.0795	698.0347	-13.6114	698.0730	-14.0868											
16.00	698.0393	-13.0874	698.0302	-13.6169	698.0556	-14.1035	26.1	826	12	24.5	826	8	25	821	27	25.3	825.9
90°	698.0429	-13.0777	698.0341	-13.6232	698.0656	-14.0915											
60°	698.0438	-13.0820	698.0343	-13.6091	698.0662	-14.0916											
45°	698.0434	-13.0844	698.0343	-13.6271	698.0698	-14.0967											
30°	698.0438	-13.0924	698.0346	-13.6221	698.0724	-14.0923											
17.00	698.0390	-13.0853	698.0302	-13.6258	698.0634	-14.1030	26.2	826	9	24.1	826	8	25.5	821	24	25.5	826
90°	698.0427	-13.0819	698.0338	-13.6230	698.0659	-14.1089											
60°	698.0431	-13.0844	698.0340	-13.6142	698.0670	-14.0951											
45°	698.0434	-13.0864	698.0345	-13.6191	698.0692	-14.1047											
30°	698.0437	-13.0789	698.0344	-13.6265	698.0730	-14.0835											
18.00	698.0393	-13.0846	698.0303	-13.6171	698.0654	-14.0994	25.7	826	7	23.5	830	9	26	821	22	25.4	826.2
90°	698.0431	-13.0757	698.0339	-13.6164	698.0658	-14.1003											
60°	698.0431	-13.0761	698.0344	-13.6261	698.0639	-14.0884											
45°	698.0438	-13.0876	698.0346	-13.6248	698.0686	-14.0952											

30°	698.0441	-13.0813	698.0348	-13.6264	698.0741	-14.0952											
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LIGHT -TINTED

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
29/10/2010	3.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	698.0464	-13.0878	698.0371	-13.6122	698.0715	-14.0893	12.3	828	76	12.4	825	65	23	823	25	12.1	828.5
90°	698.0497	-13.0850	698.0387	-13.6130	Error 256	Error 256											
60°	698.0490	-13.0814	698.0386	-13.6090	698.0713	-14.0843											
45°	698.0499	-13.0777	698.0399	-13.6146	698.0692	-14.0883											
30°	698.0505	-13.0775	698.0395	-13.6122	698.0642	-14.0978											
7.00	698.0463	-13.0754	698.0372	-13.6168	698.0677	-14.0906	13.7	829	61	14.1	826	58	23	824	28	13	829.6
90°	698.0500	-13.0736	698.0389	-13.6205	698.0679	-14.0908											
60°	698.0508	-13.0725	698.0383	-13.6189	698.0663	-14.0865											
45°	698.0506	-13.0750	698.0399	-13.6194	698.0654	-14.0884											
30°	698.0490	-13.0743	698.0395	-13.6170	698.0721	-14.0906											
8.00	698.0444	-13.0839	698.0335	-13.6205	698.0658	-14.0948	17.2	829	58	17.0	828	57	23.5	825	30	16.4	830
90°	698.0467	-13.0754	698.0366	-13.6158	Error 256	Error 256											
60°	698.0473	-13.0764	698.0367	-13.6163	698.0697	-14.0991											
45°	698.0474	-13.0779	698.0378	-13.6193	698.0638	-14.0952											
30°	698.0467	-13.0882	698.0377	-13.6232	698.0650	-14.0955											
9.00	698.0432	-13.0826	698.0343	-13.6195	698.0642	-14.1010	18.5	829	55	18.3	828	50	23.5	825	30	18.2	829.9
90°	698.0460	-13.0793	698.0357	-13.6157	Error 275	Error 275											
60°	698.0462	-13.0806	698.0356	-13.6134	698.0603	-14.1037											
45°	698.0458	-13.0781	698.0365	-13.6147	698.0664	-14.0970											
30°	698.0453	-13.0780	698.0358	-13.6113	698.0643	-14.1001											
10.00	698.0425	-13.0802	698.0329	-13.6180	698.0656	-14.0931	19.7	829	56	18.8	828	49	24	825	30	19	829.5
90°	698.0446	-13.0784	698.0347	-13.6211	698.0668	-14.0940											
60°	698.0452	-13.0816	698.0351	-13.6174	698.0595	-14.0897											
45°	698.0453	-13.0780	698.0353	-13.6173	698.0657	-14.0900											
30°	698.0444	-13.0758	698.0358	-13.6167	698.0606	-14.0910											
11.00	698.0418	-13.0740	698.0330	-13.6111	698.0630	-14.0940	21.8	829	46	21.3	828	39	24	824	30	21.6	829.3
90°	698.0442	-13.0817	698.0346	-13.6144	698.0657	-14.0882											
60°	698.0455	-13.0854	698.0346	-13.6184	698.0639	-14.0951											
45°	698.0459	-13.0789	698.0350	-13.6166	698.0639	-14.0942											
30°	698.0445	-13.0777	698.0358	-13.6161	698.0615	-14.0906											
12.00	698.0406	-13.0836	698.0328	-13.6204	698.0628	-14.0948	23.3	828	42	22.5	828	38	24	824	30	22.9	828.5
90°	698.0434	-13.0821	698.0340	-13.6210	698.0647	-14.0931											
60°	698.0452	-13.0838	698.0342	-13.6217	698.0656	-14.0956											
45°	698.0446	-13.0837	698.0345	-13.6232	698.0681	-14.0911											
30°	698.0447	-13.0841	698.0347	-13.6152	698.0637	-14.0902											
13.00	698.0399	-13.0841	698.0314	-13.6220	698.0665	-14.0907	25.2	828	33	24.7	827	28	24	823	30	24.4	827.8
90°	698.0424	-13.0802	698.0329	-13.6149	698.0631	-14.0991											
60°	698.0421	-13.0887	698.0334	-13.6167	698.0649	-14.1007											

45°	698.0425	-13.0884	698.0337	-13.6198	698.0651	-14.1015											
30°	698.0432	-13.0763	698.0337	-13.6220	698.0634	-14.1025											
14.00	698.0393	-13.0824	698.0313	-13.6155	698.0649	-14.0962	25.4	827	27	25.4	826	18	24.5	822	30	24.5	827
90°	698.0418	-13.0839	698.0327	-13.6199	698.0631	-14.1008											
60°	698.0422	-13.0833	698.0327	-13.6225	698.0612	-14.1035											
45°	698.0421	-13.0845	698.0332	-13.6236	698.0622	-14.1022											
30°	698.0421	-13.0821	698.0338	-13.6145	698.0625	-14.1002											
15.00	698.0393	-13.0884	698.0311	-13.6186	698.0633	-14.0997	28	826	22	26.7	827	15	25	822	29	27	826.4
90°	698.0414	-13.0840	698.0323	-13.6274	698.0644	-14.0968											
60°	698.0415	-13.0837	698.0327	-13.6136	698.0632	-14.0976											
45°	698.0420	-13.0783	698.0328	-13.6190	698.0560	-14.0984											
30°	698.0428	-13.0791	698.0332	-13.6223	698.0600	-14.1003											
16.00	698.0389	-13.0894	698.0306	-13.6275	698.0624	-14.0913	27.4	826	20	26.4	827	13	25.5	821	27	27	825.9
90°	698.0416	-13.0739	698.0324	-13.6242	698.0629	-14.0991											
60°	698.0420	-13.0788	698.0326	-13.6152	698.0607	-14.0919											
45°	698.0421	-13.0710	698.0329	-13.6176	698.0669	-14.0923											
30°	698.0426	-13.0742	698.0332	-13.6165	698.0644	-14.0934											
17.00	698.0385	-13.0772	698.0294	-13.6257	698.0628	-14.0871	27.1	826	16	26.3	828	12	26.5	821	25	26.9	826
90°	698.0412	-13.0767	698.0313	-13.6250	698.0636	-14.0874											
60°	698.0411	-13.0857	698.0315	-13.6216	698.0654	-14.0890											
45°	698.0420	-13.0755	698.0326	-13.6168	698.0613	-14.1006											
30°	698.0424	-13.0763	698.0320	-13.6126	698.0630	-14.0900											
18.00	698.0387	-13.0783	698.0298	-13.6211	698.0643	-14.0969	27.2	826	19	26.4	828	13	26.5	822	23	27.1	826.3
90°	698.0417	-13.0796	698.0315	-13.6205	698.0627	-14.0971											
60°	698.0413	-13.0863	698.0313	-13.6221	698.0671	-14.0924											
45°	698.0417	-13.0803	698.0323	-13.6266	698.0628	-14.0874											
30°	698.0417	-13.0716	698.0326	-13.6236	698.0543	-14.0907											

DARK- TINTED

Date	Mini		Circular		Sticker		Outside			Outside			Inside			Geomos	
30/10/2010	3.0 mm						Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres	Humid	Temp	Pres
Time	HD	VD	HD	VD	HD	VD	°C	mb	%	°C	mb	%	°C	mb	%	°C	mb
Ng 6.00	698.0448	-13.0850	698.0354	-13.6141	698.0649	-14.0893	14.3	829	66	14.8	827	54	23.5	824	31	14.4	829.5
90°	698.0441	-13.0807	698.0376	-13.6163	0.4831	0.2400											
60°	698.0484	-13.0800	698.0376	-13.6113	Error 275	Error 275											
45°	698.0474	-13.0796	698.0374	-13.6113	Error 275	Error 275											
30°	Error 254	Error 254	698.0384	-13.6155	Error 254	Error 254											
7.00	698.0446	-13.0834	698.0353	-13.6177	698.0676	-14.0887	15.8	829	63	15.8	827	50	23.5	825	32	15.5	829.9
90°	Error 254	Error 254	698.0363	-13.6155	0.4960	0.2398											
60°	Error 254	Error 254	698.0368	-13.6174	Error 275	Error 275											
45°	Error 254	Error 254	698.0374	-13.6180	Error 275	Error 275											
30°	Error 254	Error 254	Error 254	Error 254	Error 254	Error 254											
8.00	698.0444	-13.0820	698.0346	-13.6133	698.0693	-14.0887	17.4	829	62	16.8	828	48	23.5	825	32	16.7	830.2
90°	Error 254	Error 254	698.0362	-13.6137	0.3548	0.2427											

60°	Error 254	Error 254	698.0368	-13.6137	Error 275	Error 275											
45°	Error 254	Error 254	698.0371	-13.6110	Error 275	Error 275											
30°	Error 254	Error 254	698.0374	-13.6154	Error 254	Error 254											
9.00	698.0430	-13.0767	698.0336	-13.6231	698.0679	-14.0933	19.2	829	57	18.3	828	47	23.5	825	32	18.4	830.3
90°	698.0399	-13.0736	698.0352	-13.6232	0.3582	0.2426											
60°	Error 254	Error 254	698.0354	-13.6222	Error 275	Error 275											
45°	Error 254	Error 254	698.0361	-13.6191	Error 275	Error 275											
30°	Error 254	Error 254	698.0361	-13.6220	Error 254	Error 254											
10.00	698.0408	-13.0782	698.0321	-13.6198	698.0631	-14.1010	21	829	49	20.4	828	37	24	825	31	20.4	830.1
90°	698.0402	-13.0788	698.0339	-13.6188	0.3539	0.2427											
60°	698.0440	-13.0777	698.0348	-13.6163	Error 275	Error 275											
45°	Error 254	Error 254	698.0348	-13.6130	Error 275	Error 275											
30°	Error 254	Error 254	698.0349	-13.6125	Error 254	Error 254											
11.00	698.0402	-13.0894	698.0317	-13.6131	698.0655	-14.1028	23.1	829	38	23.5	828	24	24	825	32	22.6	829.8
90°	Error 256	error 256	698.0340	-13.6154	0.3565	0.2426											
60°	698.0415	-13.0699	698.0343	-13.6154	Error 275	Error 275											
45°	698.0432	-13.0714	698.0342	-13.6145	Error 275	Error 275											
30°	Error 254	Error 254	698.0346	-13.6123	Error 254	Error 254											
12.00	698.0397	-13.0742	698.0307	-13.6205	698.0651	-14.0944	25.9	829	35	23.8	828	21	24	825	32	25	829.3
90°	698.0393	-13.0769	698.0327	-13.6202	0.3581	0.2426											
60°	698.0420	-13.0729	698.0328	-13.6211	Error 275	Error 275											
45°	698.0434	-13.0767	698.0332	-13.6213	Error 275	Error 275											
30°	698.0418	-13.0757	698.0330	-13.6147	Error 254	Error 254											
13.00	698.0386	-13.0768	698.0303	-13.6139	698.0640	-14.0944	27.3	828	21	24.5	828	12	24	824	30	27	828.6
90°	Error 256	Error 256	698.0325	-13.6140	0.3543	0.2427											
60°	698.0409	-13.0770	698.0323	-13.6220	Error 275	Error 275											
45°	698.0409	-13.0727	698.0325	-13.6219	Error 275	Error 275											
30°	698.0410	-13.0682	698.0329	-13.6219	Error 254	Error 254											
14.00	698.0385	-13.0768	698.0302	-13.6156	698.0622	-14.1001	27.9	828	20	25.5	828	10	24	824	30	27.6	828.1
90°	Error 256	Error 256	698.0320	-13.6088	0.3611	0.2426											
60°	698.0408	-13.0770	698.0329	-13.6229	Error 275	Error 275											
45°	698.0408	-13.0727	698.0321	-13.6252	Error 275	Error 275											
30°	Error 256	Error 256	698.0326	-13.6213	Error 254	Error 254											
15.00	698.0386	-13.0754	698.0297	-13.6183	698.0615	-14.0982	28.6	828	14	26.2	828	9	25	823	27	28.2	827.8
90°	Error 256	Error 256	698.0323	-13.6213	0.3603	0.2426											
60°	698.0416	-13.0776	698.0322	-13.6106	Error 275	Error 275											
45°	Error 254	Error 254	698.0324	-13.6104	Error 275	Error 275											
30°	Error 254	Error 254	698.0316	-13.6101	Error 254	Error 254											
16.00	698.0384	-13.0820	698.0297	-13.6200	698.0637	-14.0982	28.6	827	11	26.6	828	7	25.5	823	24	28.3	827.5
90°	Error 256	Error 256	698.0324	-13.6120	0.3557	0.2427											
60°	698.0396	-13.0738	698.0324	-13.6263	Error 275	Error 275											
45°	698.0392	-13.0775	698.0325	-13.6260	Error 275	Error 275											
30°	698.0398	-13.0714	698.0328	-13.6169	Error 254	Error 254											
17.00	698.0387	-13.0844	698.0301	-13.6221	698.0646	-14.0867	27.9	828	12	25.8	829	8	26	823	24	27	827.7

90°	Error 256	Error 256	698.0321	-13.6227	0.3546	0.2427												
60°	698.0411	-13.0819	698.0323	-13.6237	Error 275	Error 275												
45°	698.0416	-13.0869	698.0327	-13.6215	Error 275	Error 275												
30°	698.0405	-13.0842	698.0325	-13.6125	Error 254	Error 254												
18.00	698.0397	-13.0747	698.0310	-13.6190	698.0657	-14.0968	24.3	829	30	22.6	829	66	26	823	24	23.5	828.1	
90°	698.0380	-13.0725	698.0332	-13.6205	Error 256	Error 256												
60°	698.0418	-13.0739	698.0334	-13.6240	Error 275	Error 275												
45°	698.0422	-13.0738	698.0335	-13.6233	Error 275	Error 275												
30°	Error 254	Error 254	698.0335	-13.6193	Error 254	Error 254												

Note: Ng stands for No glass barrier or without glass in place (the first reading at each monitoring hour were taken without glass); 30°, 45°, 60° and 90° are glass angular position to the total station telescope.

Error 254 means EDM not achieved, signal too weak, break in beam or air turbulence

Error 256 and error 275 mean EDM measurement not achieved due to detection of multiple targets, target moving; break in beam or air turbulence

Appendix E.2: Open Pit Mine Data for Systematic Error Correction Model Confirmation/Validation Test

CONFIRMATION/VALIDATION READINGS (corrected for scale factor, prism constant and atmospheric corrections)

Date	Mode	HD	Hz	V	Temp (°C)	Pres (mb)	Hum (%)
06/12/2011	No glass	883.563	179°07'44"	102°22'13"	28	877	38
		883.564	179°07'44"	102°22'13"	28	877	38
		883.564	179°07'44"	102°22'13"	27.5	877	35
		883.564	179°07'44"	102°22'12"	28	877	36
		883.564	179°07'44"	102°22'12"	28	877	36
		883.564	179°07'44"	102°22'12"	28	877	36
		883.564	179°07'44"	102°22'12"	28	877	36
		883.564	179°07'44"	102°22'12"	28	877	36
		883.563	179°07'44"	102°22'12"	28	877	37
		883.563	179°07'42"	102°22'12"	28	877	35
		883.564	179°07'42"	102°22'12"	28.5	877	35
		883.564	179°07'42"	102°22'08"	28.5	878	35
		883.563	179°07'42"	102°22'08"	28.5	878	35
		883.563	179°07'42"	102°22'08"	28.5	878	34
		883.563	179°07'42"	102°22'08"	28.5	878	34
		883.563	179°07'42"	102°22'08"	28.5	878	34
		883.564	179°07'42"	102°22'08"	28.5	878	34
		883.563	179°07'44"	102°22'08"	28.5	878	34
		883.563	179°07'43"	102°22'08"	28.5	878	34
		883.563	179°07'43"	102°22'08"	28.5	878	34
07/12/2011	4.0 mm	883.565	179°07'46"	102°22'05"	27.5	877	44

		883.565	179°07'46"	102°22'05"	27.5	877	42
		883.565	179°07'46"	102°22'05"	27.5	877	43
		883.565	179°07'46"	102°22'05"	28	877	43
		883.566	179°07'46"	102°22'04"	27.5	877	43
		883.565	179°07'46"	102°22'04"	27.5	877	42
		883.565	179°07'46"	102°22'04"	27.5	877	42
		883.565	179°07'46"	102°22'04"	28	877	42
		883.565	179°07'46"	102°22'04"	28	877	41
		883.565	179°07'47"	102°22'04"	28	877	40
		883.565	179°07'47"	102°22'04"	28	877	40
		883.566	179°07'47"	102°22'05"	28	877	41
		883.565	179°07'47"	102°22'04"	28	877	39
		883.565	179°07'47"	102°22'04"	28.5	877	39
		883.565	179°07'47"	102°22'04"	28.5	877	39
		883.566	179°07'47"	102°22'04"	28.5	877	39
		883.565	179°07'48"	102°22'04"	28.5	877	38
		883.565	179°07'48"	102°22'04"	28.5	877	39
		883.565	179°07'49"	102°22'05"	29	877	39
		883.565	179°07'48"	102°22'04"	29	877	38
08/12/2011	5.0 mm	883.566	179°07'52"	102°22'15"	26.5	877	50
		883.566	179°07'52"	102°22'15"	26.5	877	48
		883.566	179°07'52"	102°22'15"	26.5	877	50
		883.566	179°07'52"	102°22'15"	26.5	877	50
		883.566	179°07'52"	102°22'15"	26.5	877	48
		883.567	179°07'52"	102°22'14"	26.5	877	48
		883.567	179°07'52"	102°22'14"	26.5	877	48
		883.567	179°07'52"	102°22'15"	26.5	877	48
		883.566	179°07'52"	102°22'15"	26.5	877	48
		883.566	179°07'52"	102°22'15"	26.5	877	48
		883.566	179°07'52"	102°22'14"	26.5	877	48
		883.566	179°07'52"	102°22'14"	26.5	877	48
		883.567	179°07'52"	102°22'14"	27	877	44
		883.566	179°07'52"	102°22'14"	27	877	44
		883.566	179°07'52"	102°22'14"	27	877	45
		883.566	179°07'52"	102°22'14"	27	877	46
		883.566	179°07'52"	102°22'14"	27	877	45
		883.566	179°07'55"	102°22'14"	27.5	877	45
		883.567	179°08'00"	102°22'14"	27.5	877	46
		883.567	179°08'00"	102°22'14"	27.5	877	44
08/12/2011	6.38 mm	883.567	179°07'48"	102°22'15"	24.5	877	52

		883.568	179°07'48"	102°22'15"	24.5	877	54
		883.569	179°07'50"	102°22'15"	24.5	877	53
		883.568	179°07'50"	102°22'15"	24.5	877	53
		883.567	179°07'50"	102°22'15"	24.5	877	53
		883.567	179°07'50"	102°22'15"	24.5	877	55
		883.567	179°07'50"	102°22'15"	24.5	877	54
		883.567	179°07'50"	102°22'15"	24.5	877	54
		883.567	179°07'50"	102°22'15"	24.5	877	53
		883.567	179°07'50"	102°22'15"	24.5	877	53
		883.568	179°07'50"	102°22'15"	24.5	877	53
		883.568	179°07'50"	102°22'15"	24.5	877	53
		883.567	179°07'52"	102°22'15"	24.5	877	53
		883.567	179°07'52"	102°22'15"	24.5	877	53
		883.567	179°07'53"	102°22'15"	24.5	877	53
		883.566	179°07'52"	102°22'15"	24.5	877	53
		883.567	179°07'52"	102°22'15"	25	877	52
		883.567	179°07'52"	102°22'15"	25.5	877	53
		883.568	179°07'52"	102°22'15"	25.5	877	52
		883.567	179°07'52"	102°22'15"	25.5	877	52
08/12/2011	3.0 mm light tinted	883.566	179°07'45"	102°22'03"	28.5	877	35
		883.565	179°07'45"	102°22'04"	28.5	877	35
		883.565	179°07'46"	102°22'04"	28.5	877	35
		883.565	179°07'46"	102°22'04"	28.5	877	36
		883.566	179°07'46"	102°22'04"	28.5	877	34
		883.566	179°07'46"	102°22'04"	28.5	877	34
		883.566	179°07'46"	102°22'04"	28.5	877	34
		883.566	179°07'46"	102°22'04"	28.5	877	34
		883.565	179°07'46"	102°22'04"	28.5	877	34
		883.566	179°07'46"	102°22'04"	28.5	877	35
		883.566	179°07'46"	102°22'04"	28.5	877	35
		883.566	179°07'46"	102°22'04"	28.5	877	35
		883.566	179°07'47"	102°22'04"	28.5	877	36
		883.565	179°07'47"	102°22'04"	28.5	877	36
		883.565	179°07'47"	102°22'04"	28.5	877	36
		883.565	179°07'46"	102°22'04"	28.5	877	36
		883.565	179°07'46"	102°22'04"	28	877	35
		883.566	179°07'47"	102°22'04"	28.5	877	35
		883.566	179°07'44"	102°22'04"	28.5	877	36
		883.565	179°07'47"	102°22'04"	28.5	877	36