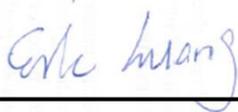


FCC SAR Test Report

APPLICANT : Hewlett-Packard Company
EQUIPMENT : Tablet PC
BRAND NAME : HP
MODEL NAME : HSTNN-I22C
FCC ID : B94HNI22CFX468
STANDARD : FCC 47 CFR Part 2 (2.1093)
ANSI/IEEE C95.1-1992
IEEE 1528-2003

We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the procedures and had been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.



Reviewed by: Eric Huang / Deputy Manager



Approved by: Jones Tsai / Manager



SPORTON INTERNATIONAL INC.

No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.



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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA482025-08	Rev. 01	Based on original SAR report, FCC ID: B94HNI22CFX468, Report No.: FA482025-01 Rev.01 includes simultaneous transmission analysis with FCC ID: PD917265NG, Report No.: SAR.20141107.	Feb. 27, 2015



1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for **Hewlett-Packard Company, Tablet PC, HSTNN-I22C** are as follows.

Frequency Band	Equipment Class	Exposure Position	Highest Reported Simultaneous Transmission 1g-SAR (W/kg)
CDMA BC1	PCB	Edge 1 (1.2 cm Gap)	1.48
2.4GHz WLAN	DTS		
WCDMA IV	PCB	Edge 1 (1.2 cm Gap)	1.46
2.4GHz Bluetooth	DSS		

This device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg) specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2003.

2. Administration Data

Testing Laboratory	
Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No. 52, Hwa Ya 1 st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. TEL: +886-3-327-3456 FAX: +886-3-328-4978

Applicant	
Company Name	Hewlett-Packard Company
Address	11445 Compaq Center Drive W Houston, TX 77070, USA

Manufacturer	
Company Name	Inventec Corporation
Address	Inventec Building, No.66 Hou-Kang Street Shilin District, Taipei 11170, Taiwan

3. Guidance Standard

The Specific Absorption Rate (SAR) testing specification, method, and procedure for this device is in accordance with the following standards:

- FCC 47 CFR Part 2 (2.1093)
- ANSI/IEEE C95.1-1992
- IEEE 1528-2003
- FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r03
- FCC KDB 865664 D02 SAR Reporting v01r01
- FCC KDB 447498 D01 General RF Exposure Guidance v05r02
- FCC KDB 616217 D04 SAR for laptop and tablets v01r01
- FCC KDB 941225 D01 3G SAR Procedures v03
- FCC KDB 941225 D05 SAR for LTE Devices v02r03



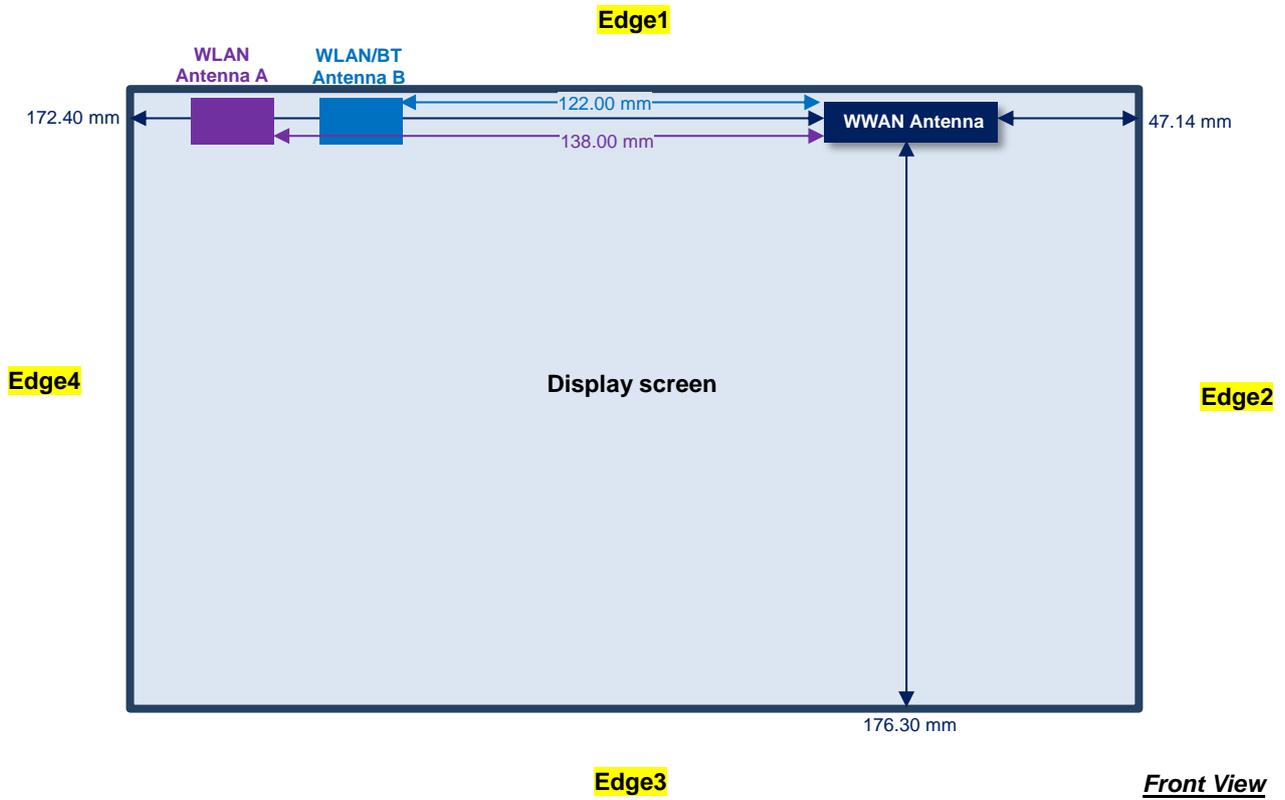
4. Equipment Under Test (EUT)

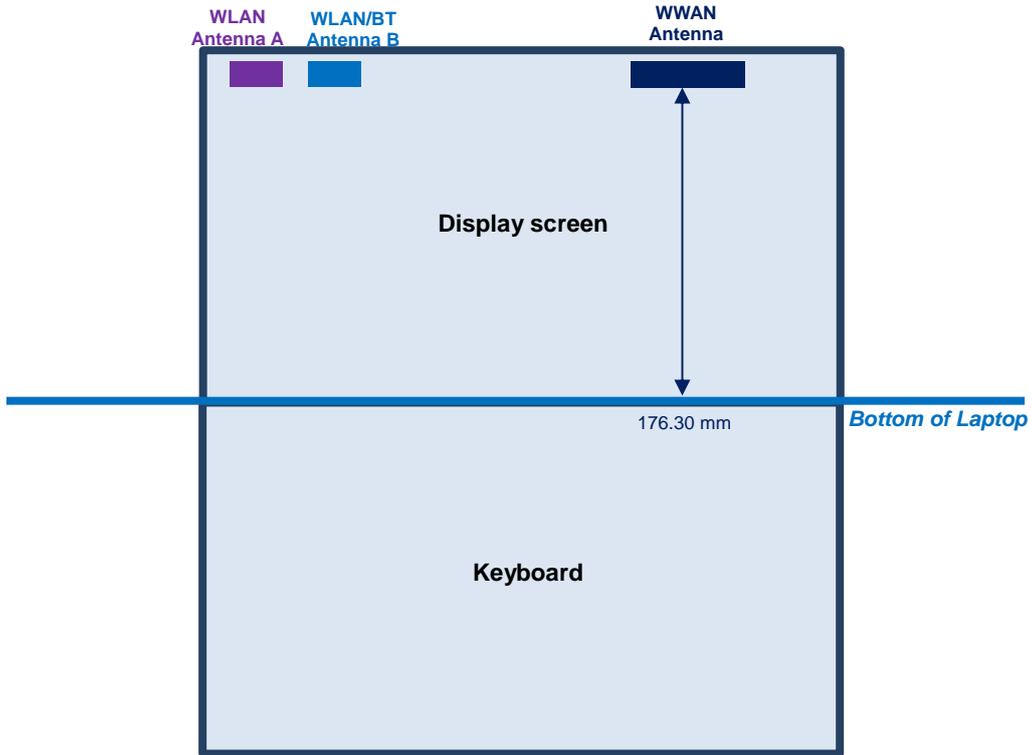
4.1 General Information

Product Feature & Specification	
Equipment Name	Tablet PC
Brand Name	HP
Model Name	HSTNN-I22C
FCC ID	B94HNI22CFX468
Integrated Module	Brand Name: Foxconn Model Name: T77H468
IMEI Code	359339050015295
Wireless Technology and Frequency Range	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8 MHz WCDMA Band V: 826.4 MHz ~ 846.6 MHz WCDMA Band IV: 1712.4 MHz ~ 1752.6 MHz WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz CDMA2000 BC0: 824.7 MHz ~ 848.31 MHz CDMA 2000 BC1: 1851.25 MHz ~ 1908.75 MHz LTE Band 17: 706.5 MHz ~ 713.5 MHz LTE Band 13: 779.5 MHz ~ 784.5 MHz LTE Band 5: 824.7 MHz ~ 848.3 MHz LTE Band 4: 1710.7 MHz ~ 1754.3 MHz LTE Band 2: 1850.7 MHz ~ 1909.3 MHz LTE Band 25: 1850.7 MHz ~ 1914.3 MHz
Mode	<ul style="list-style-type: none"> • GPRS/EGPRS • RMC 12.2Kbps • HSDPA • HSUPA • CDMA2000: 1xRTT/1xEv-Do(Rev.0)/1xEv-Do(Rev.A) • LTE: QPSK, 16QAM
EUT Stage	Identical Prototype
Remark:	
1. The below table WLAN module are also integrated into this host and the 2.4GHz WLAN and Bluetooth SAR testing results are also used perform transmission simultaneous analysis.	

Module Information				
Integrated WLAN Module	Brand Name	Intel		
	Model Name	Intel® Tri-Band Wireless-AC 17265 (Model 17265NGW, 17265NGW LC)		
	FCC ID	PD917265NG		
	Report No	SAR.20141107		
	Final Action Date	02/18/2015		
	Mode	<ul style="list-style-type: none"> • 802.11 a/b/g/n/ac • Bluetooth 		
Battery Option				
Battery	Brand Name	hp	Model Name	HSTNN-DB5Z
	Power Rating	7.4Vdc, 4250mAh	Type	Li-ion

5. Antenna Location





6. Simultaneous Transmission Analysis

NO.	Simultaneous Transmission Configurations	Portable Tablet	Note
		Body	
1.	GPRS/EDGE(Data) + WLAN2.4GHz(data)	Yes	Hotspot / WiFi Direct
2.	WCDMA(Data) + WLAN2.4GHz(data)	Yes	Hotspot / WiFi Direct
3.	CDMA(Data) + WLAN2.4GHz(data)	Yes	Hotspot / WiFi Direct
4.	LTE(Data) + WLAN2.4GHz(data)	Yes	Hotspot / WiFi Direct
5.	GPRS/EDGE(Data) + Bluetooth(data)	Yes	
6.	WCDMA(Data) + Bluetooth(data)	Yes	
7.	CDMA(Data) + Bluetooth(data)	Yes	
8.	LTE(Data) + Bluetooth(data)	Yes	
9.	GPRS/EDGE(data) + WLAN5GHz(data)	No	
10.	WCDMA(data) + WLAN5GHz(data)	No	
11.	CDMA(data) + WLAN5 GHz(data)	No	
12.	LTE(data) + WLAN5GHz(data)	No	

General Note:

- The below table WLAN module is also integrated into this host and the 2.4GHz WLAN and Bluetooth SAR testing results are also used perform transmission simultaneous analysis.
- The worst case 2.4 GHz WLAN and Bluetooth SAR for each configuration in below each WLAN report was used for SAR summation; therefore, the following summations represent the absolute worst cases for simultaneous transmission with WLAN and Bluetooth.
- The worst case WLAN and Bluetooth reported SAR for each configuration was used for SAR summation. Therefore, the following summations represent the absolute worst cases for simultaneous transmission with WLAN and Bluetooth.
- For simultaneous transmission analysis for exposure position of edge1 1.2cm, Curved surface of Edge1 1.2cm and bottom face 1.2cm, WLAN SAR tested at 0mm separation is worse and the test data is used for conservative SAR summation.
- The Scaled SAR summation is calculated based on the same configuration and test position.
- Per KDB 447498 D01v05r02, simultaneous transmission SAR is compliant if,
 - Scalar SAR summation < 1.6W/kg.
 - $SPLSR = (SAR1 + SAR2)^{1.5} / (\text{min. separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary.
 - Simultaneously transmission SAR measurement, and the reported multi-band SAR < 1.6W/kg.
 - The SPLSR calculated results please refer to section 6.2.

Module Information		
Integrated WLAN Module	Brand Name	Intel
	Model Name	Intel® Tri-Band Wireless-AC 17265 (Model 17265NGW, 17265NGW LC)
	FCC ID	PD917265NG
	Report No	SAR.20141107
	Final Action Date	02/18/2015
	Mode	<ul style="list-style-type: none"> • 802.11 a/b/g/n/ac • Bluetooth



6.1 Body Exposure Conditions

WWAN Band		Exposure Position	1	2	1+2 Summed SAR (W/kg)	SPLSR Result	Case No	
			WWAN SAR (W/kg)	2.4GHz WLAN Antenna A SAR (W/kg)				
GSM	GSM850	Bottom Face at 0cm	1.046	1.080	2.13	0.02	Case 1	
		Edge1 at 0cm	0.783	0.330	1.11			
		Curved surface of Edge 1 at 0cm	1.104		1.10			
		Bottom Face at 1.2 cm	1.222	1.080	2.30	0.03	Case 2	
		Edge1 at 1.2 cm	0.584	0.330	0.91			
		Curved surface of Edge 1 at 1.2 cm	0.982		0.98			
	GSM1900	Edge 2 at 0cm	0.333		0.33			
		Bottom Face at 0cm	1.306	1.080	2.39	0.03	Case 3	
		Edge1 at 0cm	0.706	0.330	1.04			
		Curved surface of Edge 1 at 0cm	0.730		0.73			
		Bottom Face at 1.2 cm	0.664	1.080	1.74	0.02	Case 4	
		Edge1 at 1.2 cm	1.007	0.330	1.34			
		Curved surface of Edge 1 at 1.2 cm	0.974		0.97			
		Edge 2 at 0cm	0.309		0.31			
WCDMA	Band V	Bottom Face at 0cm	1.153	1.080	2.23	0.02	Case 5	
		Edge1 at 0cm	0.571	0.330	0.90			
		Curved surface of Edge 1 at 0cm	0.785		0.79			
		Bottom Face at 1.2 cm	0.649	1.080	1.73	0.02	Case 6	
		Edge1 at 1.2 cm	0.443	0.330	0.77			
		Curved surface of Edge 1 at 1.2 cm	0.591		0.59			
	Band IV	Edge 2 at 0cm	0.178		0.18			
		Bottom Face at 0cm	1.447	1.080	2.53	0.03	Case 7	
		Edge1 at 0cm	1.296	0.330	1.63	0.02	Case 8	
		Curved surface of Edge 1 at 0cm	1.346		1.35			
		Bottom Face at 1.2 cm	0.811	1.080	1.89	0.02	Case 9	
		Edge1 at 1.2 cm	1.313	0.330	1.64	0.02	Case 10	
		Curved surface of Edge 1 at 1.2 cm	1.323		1.32			
		Edge 2 at 0cm	0.041		0.04			
		Band II	Bottom Face at 0cm	1.406	1.080	2.49	0.03	Case 11
			Edge1 at 0cm	0.936	0.330	1.27		
			Curved surface of Edge 1 at 0cm	0.914		0.91		
			Bottom Face at 1.2 cm	0.763	1.080	1.84	0.02	Case 12
	Edge1 at 1.2 cm		1.260	0.330	1.59			
	Curved surface of Edge 1 at 1.2 cm		1.233		1.23			
	CDMA	BC0	Edge 2 at 0cm	0.276		0.28		
			Bottom Face at 0cm	0.940	1.080	2.02	0.02	Case 13
			Edge1 at 0cm	0.485	0.330	0.82		
			Curved surface of Edge 1 at 0cm	0.780		0.78		
Bottom Face at 1.2 cm			0.828	1.080	1.91	0.02	Case 14	
Edge1 at 1.2 cm			0.416	0.330	0.75			
BC1		Curved surface of Edge 1 at 1.2 cm	0.587		0.59			
		Edge 2 at 0cm	0.255		0.26			
		Bottom Face at 0cm	1.384	1.080	2.46	0.03	Case 15	
		Edge1 at 0cm	1.341	0.330	1.67	0.02	Case 16	
		Curved surface of Edge 1 at 0cm	1.352		1.35			
		Bottom Face at 1.2 cm	0.666	1.080	1.75	0.02	Case 17	
		Edge1 at 1.2 cm	1.030	0.330	1.36			
		Curved surface of Edge 1 at 1.2 cm	1.026		1.03			
Edge 2 at 0cm	0.150		0.15					



WWAN Band	Exposure Position	1	2	1+2 Summed SAR (W/kg)	SPLSR Result	Case No	
		WWAN	2.4GHz WLAN Antenna A				
		SAR (W/kg)	SAR (W/kg)				
LTE	Band 17	Bottom Face at 0cm	1.025	1.080	2.11	0.02	Case 18
		Edge1 at 0cm	0.637	0.330	0.97		
		Curved surface of Edge 1 at 0cm	0.986		0.99		
		Bottom Face at 1.2 cm	0.296	1.080	1.38		
		Edge1 at 1.2 cm	0.141	0.330	0.47		
		Curved surface of Edge 1 at 1.2 cm	0.223		0.22		
	Band 13	Edge 2 at 0cm	0.085		0.09		
		Bottom Face at 0cm	1.141	1.080	2.22	0.02	Case 19
		Edge1 at 0cm	0.596	0.330	0.93		
		Curved surface of Edge 1 at 0cm	0.990		0.99		
		Bottom Face at 1.2 cm	0.471	1.080	1.55		
		Edge1 at 1.2 cm	0.238	0.330	0.57		
	Band 5	Curved surface of Edge 1 at 1.2 cm	0.413		0.41		
		Edge 2 at 0cm	0.146		0.15		
		Bottom Face at 0cm	1.231	1.080	2.31	0.03	Case 20
		Edge1 at 0cm	0.563	0.330	0.89		
		Curved surface of Edge 1 at 0cm	0.893		0.89		
		Bottom Face at 1.2 cm	0.515	1.080	1.60		
	Band 4	Edge1 at 1.2 cm	0.357	0.330	0.69		
		Curved surface of Edge 1 at 1.2 cm	0.437		0.44		
		Edge 2 at 0cm	0.200		0.20		
		Bottom Face at 0cm	1.355	1.080	2.44	0.03	Case 21
		Edge1 at 0cm	1.223	0.330	1.55		
		Curved surface of Edge 1 at 0cm	1.256		1.26		
	Band 2	Bottom Face at 1.2 cm	0.620	1.080	1.70	0.02	Case 22
		Edge1 at 1.2 cm	1.292	0.330	1.62	0.01	Case 23
		Curved surface of Edge 1 at 1.2 cm	1.395		1.40		
		Edge 2 at 0cm	0.025		0.03		
		Bottom Face at 0cm	1.347	1.080	2.43	0.03	Case 24
		Edge1 at 0cm	0.819	0.330	1.15		
Band 25	Curved surface of Edge 1 at 0cm	0.797		0.80			
	Bottom Face at 1.2 cm	0.455	1.080	1.54			
	Edge1 at 1.2 cm	1.014	0.330	1.34			
	Curved surface of Edge 1 at 1.2 cm	0.727		0.73			
	Edge 2 at 0cm	0.138		0.14			
	Bottom Face at 0cm	1.138	1.080	2.22	0.02	Case 25	
Band 25	Edge1 at 0cm	0.835	0.330	1.17			
	Curved surface of Edge 1 at 0cm	0.795		0.80			
	Bottom Face at 1.2 cm	0.518	1.080	1.60	0.01	Case 26	
	Edge1 at 1.2 cm	0.921	0.330	1.25			
	Curved surface of Edge 1 at 1.2 cm	0.773		0.77			
	Edge 2 at 0cm	0.147		0.15			



WWAN Band		Exposure Position	1	3	1+3 Summed SAR (W/kg)	SPLSR Result	Case No
			WWAN	2.4GHz WLAN Antenna B			
			SAR (W/kg)	SAR (W/kg)			
GSM	GSM850	Bottom Face at 0cm	1.046	0.460	1.51		
		Edge1 at 0cm	0.783	0.140	0.92		
		Curved surface of Edge 1 at 0cm	1.104		1.10		
		Bottom Face at 1.2 cm	1.222	0.460	1.68	0.02	Case 27
		Edge1 at 1.2 cm	0.584	0.140	0.72		
		Curved surface of Edge 1 at 1.2 cm	0.982		0.98		
	GSM1900	Edge 2 at 0cm	0.333		0.33		
		Bottom Face at 0cm	1.306	0.460	1.77	0.02	Case 28
		Edge1 at 0cm	0.706	0.140	0.85		
		Curved surface of Edge 1 at 0cm	0.730		0.73		
		Bottom Face at 1.2 cm	0.664	0.460	1.12		
		Edge1 at 1.2 cm	1.007	0.140	1.15		
		Curved surface of Edge 1 at 1.2 cm	0.974		0.97		
		Edge 2 at 0cm	0.309		0.31		
WCDMA	Band V	Bottom Face at 0cm	1.153	0.460	1.61	0.02	Case 29
		Edge1 at 0cm	0.571	0.140	0.71		
		Curved surface of Edge 1 at 0cm	0.785		0.79		
		Bottom Face at 1.2 cm	0.649	0.460	1.11		
		Edge1 at 1.2 cm	0.443	0.140	0.58		
		Curved surface of Edge 1 at 1.2 cm	0.591		0.59		
	Band IV	Edge 2 at 0cm	0.178		0.18		
		Bottom Face at 0cm	1.447	0.460	1.91	0.02	Case 30
		Edge1 at 0cm	1.296	0.140	1.44		
		Curved surface of Edge 1 at 0cm	1.346		1.35		
		Bottom Face at 1.2 cm	0.811	0.460	1.27		
		Edge1 at 1.2 cm	1.313	0.140	1.45		
		Curved surface of Edge 1 at 1.2 cm	1.323		1.32		
		Edge 2 at 0cm	0.041		0.04		
		Band II	Bottom Face at 0cm	1.406	0.460	1.87	0.02
	Edge1 at 0cm		0.936	0.140	1.08		
	Curved surface of Edge 1 at 0cm		0.914		0.91		
	Bottom Face at 1.2 cm		0.763	0.460	1.22		
	Edge1 at 1.2 cm		1.260	0.140	1.40		
	Curved surface of Edge 1 at 1.2 cm		1.233		1.23		
	CDMA	BC0	Edge 2 at 0cm	0.276		0.28	
Bottom Face at 0cm			0.940	0.460	1.40		
Edge1 at 0cm			0.485	0.140	0.63		
Curved surface of Edge 1 at 0cm			0.780		0.78		
Bottom Face at 1.2 cm			0.828	0.460	1.29		
Edge1 at 1.2 cm			0.416	0.140	0.56		
BC1		Curved surface of Edge 1 at 1.2 cm	0.587		0.59		
		Edge 2 at 0cm	0.255		0.26		
		Bottom Face at 0cm	1.384	0.460	1.84	0.02	Case 32
		Edge1 at 0cm	1.341	0.140	1.48		
		Curved surface of Edge 1 at 0cm	1.352		1.35		
		Bottom Face at 1.2 cm	0.666	0.460	1.13		
		Edge1 at 1.2 cm	1.030	0.140	1.17		
		Curved surface of Edge 1 at 1.2 cm	1.026		1.03		
Edge 2 at 0cm	0.150		0.15				



WWAN Band		Exposure Position	1	3	1+3 Summed SAR (W/kg)	SPLSR Result	Case No
			WWAN SAR (W/kg)	2.4GHz WLAN Antenna B SAR (W/kg)			
LTE	Band 17	Bottom Face at 0cm	1.025	0.460	1.49		
		Edge1 at 0cm	0.637	0.140	0.78		
		Curved surface of Edge 1 at 0cm	0.986		0.99		
		Bottom Face at 1.2 cm	0.296	0.460	0.76		
		Edge1 at 1.2 cm	0.141	0.140	0.28		
		Curved surface of Edge 1 at 1.2 cm	0.223		0.22		
	Band 13	Edge 2 at 0cm	0.085		0.09		
		Bottom Face at 0cm	1.141	0.460	1.60	0.02	Case 33
		Edge1 at 0cm	0.596	0.140	0.74		
		Curved surface of Edge 1 at 0cm	0.990		0.99		
		Bottom Face at 1.2 cm	0.471	0.460	0.93		
		Edge1 at 1.2 cm	0.238	0.140	0.38		
	Band 5	Curved surface of Edge 1 at 1.2 cm	0.413		0.41		
		Edge 2 at 0cm	0.146		0.15		
		Bottom Face at 0cm	1.231	0.460	1.69	0.02	Case 34
		Edge1 at 0cm	0.563	0.140	0.70		
		Curved surface of Edge 1 at 0cm	0.893		0.89		
		Bottom Face at 1.2 cm	0.515	0.460	0.98		
	Band 4	Edge1 at 1.2 cm	0.357	0.140	0.50		
		Curved surface of Edge 1 at 1.2 cm	0.437		0.44		
		Edge 2 at 0cm	0.200		0.20		
		Bottom Face at 0cm	1.355	0.460	1.82	0.02	Case 35
		Edge1 at 0cm	1.223	0.140	1.36		
		Curved surface of Edge 1 at 0cm	1.256		1.26		
	Band 2	Bottom Face at 1.2 cm	0.620	0.460	1.08		
		Edge1 at 1.2 cm	1.292	0.140	1.43		
		Curved surface of Edge 1 at 1.2 cm	1.395		1.40		
		Edge 2 at 0cm	0.025		0.03		
		Bottom Face at 0cm	1.347	0.460	1.81	0.02	Case 36
		Edge1 at 0cm	0.819	0.140	0.96		
Band 25	Curved surface of Edge 1 at 0cm	0.797		0.80			
	Bottom Face at 1.2 cm	0.455	0.460	0.92			
	Edge1 at 1.2 cm	1.014	0.140	1.15			
	Curved surface of Edge 1 at 1.2 cm	0.727		0.73			
	Edge 2 at 0cm	0.138		0.14			
	Bottom Face at 0cm	1.138	0.460	1.60	0.02	Case 37	
Band 25	Edge1 at 0cm	0.835	0.140	0.98			
	Curved surface of Edge 1 at 0cm	0.795		0.80			
	Bottom Face at 1.2 cm	0.518	0.460	0.98			
	Edge1 at 1.2 cm	0.921	0.140	1.06			
	Curved surface of Edge 1 at 1.2 cm	0.773		0.77			
	Edge 2 at 0cm	0.147		0.15			

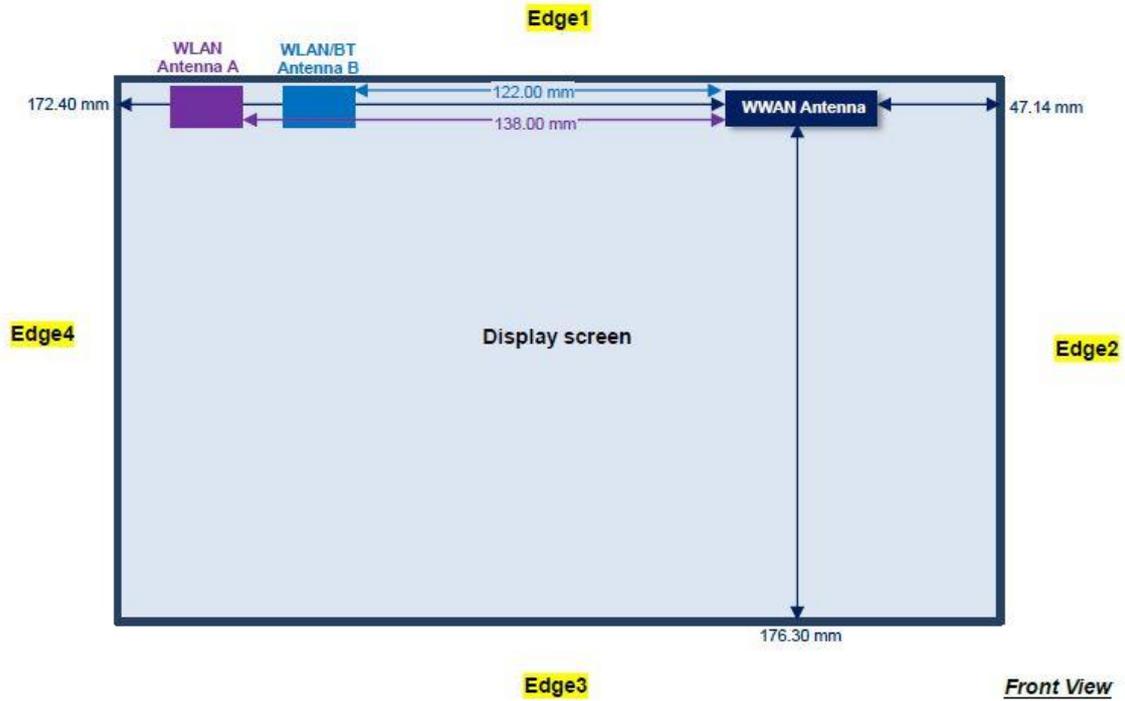


WWAN Band		Exposure Position	1	4	1+4 Summed SAR (W/kg)	SPLSR Result	Case No
			WWAN	2.4GHz Bluetooth			
			SAR (W/kg)	SAR (W/kg)			
GSM	GSM850	Bottom Face at 0cm	1.046	0.010	1.06		
		Edge1 at 0cm	0.783	0.010	0.79		
		Curved surface of Edge 1 at 0cm	1.104		1.10		
		Bottom Face at 1.2 cm	1.222	0.010	1.23		
		Edge1 at 1.2 cm	0.584	0.010	0.59		
		Curved surface of Edge 1 at 1.2 cm	0.982		0.98		
	GSM1900	Edge 2 at 0cm	0.333		0.33		
		Bottom Face at 0cm	1.306	0.010	1.32		
		Edge1 at 0cm	0.706	0.010	0.72		
		Curved surface of Edge 1 at 0cm	0.730		0.73		
		Bottom Face at 1.2 cm	0.664	0.010	0.67		
		Edge1 at 1.2 cm	1.007	0.010	1.02		
		Curved surface of Edge 1 at 1.2 cm	0.974		0.97		
		Edge 2 at 0cm	0.309		0.31		
WCDMA	Band V	Bottom Face at 0cm	1.153	0.010	1.16		
		Edge1 at 0cm	0.571	0.010	0.58		
		Curved surface of Edge 1 at 0cm	0.785		0.79		
		Bottom Face at 1.2 cm	0.649	0.010	0.66		
		Edge1 at 1.2 cm	0.443	0.010	0.45		
		Curved surface of Edge 1 at 1.2 cm	0.591		0.59		
	Band IV	Edge 2 at 0cm	0.178		0.18		
		Bottom Face at 0cm	1.447	0.010	1.46		
		Edge1 at 0cm	1.296	0.010	1.31		
		Curved surface of Edge 1 at 0cm	1.346		1.35		
		Bottom Face at 1.2 cm	0.811	0.010	0.82		
		Edge1 at 1.2 cm	1.313	0.010	1.32		
		Curved surface of Edge 1 at 1.2 cm	1.323		1.32		
		Edge 2 at 0cm	0.041		0.04		
	Band II	Bottom Face at 0cm	1.406	0.010	1.42		
		Edge1 at 0cm	0.936	0.010	0.95		
		Curved surface of Edge 1 at 0cm	0.914		0.91		
		Bottom Face at 1.2 cm	0.763	0.010	0.77		
		Edge1 at 1.2 cm	1.260	0.010	1.27		
		Curved surface of Edge 1 at 1.2 cm	1.233		1.23		
CDMA	BC0	Edge 2 at 0cm	0.276		0.28		
		Bottom Face at 0cm	0.940	0.010	0.95		
		Edge1 at 0cm	0.485	0.010	0.50		
		Curved surface of Edge 1 at 0cm	0.780		0.78		
		Bottom Face at 1.2 cm	0.828	0.010	0.84		
		Edge1 at 1.2 cm	0.416	0.010	0.43		
	BC1	Curved surface of Edge 1 at 1.2 cm	0.587		0.59		
		Edge 2 at 0cm	0.255		0.26		
		Bottom Face at 0cm	1.384	0.010	1.39		
		Edge1 at 0cm	1.341	0.010	1.35		
		Curved surface of Edge 1 at 0cm	1.352		1.35		
		Bottom Face at 1.2 cm	0.666	0.010	0.68		
		Edge1 at 1.2 cm	1.030	0.010	1.04		
		Curved surface of Edge 1 at 1.2 cm	1.026		1.03		
Edge 2 at 0cm	0.150		0.15				



WWAN Band		Exposure Position	1	4	1+4 Summed SAR (W/kg)	SPLSR Result	Case No
			WWAN SAR (W/kg)	2.4GHz Bluetooth SAR (W/kg)			
LTE	Band 17	Bottom Face at 0cm	1.025	0.010	1.04		
		Edge1 at 0cm	0.637	0.010	0.65		
		Curved surface of Edge 1 at 0cm	0.986		0.99		
		Bottom Face at 1.2 cm	0.296	0.010	0.31		
		Edge1 at 1.2 cm	0.141	0.010	0.15		
		Curved surface of Edge 1 at 1.2 cm	0.223		0.22		
	Band 13	Edge 2 at 0cm	0.085		0.09		
		Bottom Face at 0cm	1.141	0.010	1.15		
		Edge1 at 0cm	0.596	0.010	0.61		
		Curved surface of Edge 1 at 0cm	0.990		0.99		
		Bottom Face at 1.2 cm	0.471	0.010	0.48		
		Edge1 at 1.2 cm	0.238	0.010	0.25		
	Band 5	Curved surface of Edge 1 at 1.2 cm	0.413		0.41		
		Edge 2 at 0cm	0.146		0.15		
		Bottom Face at 0cm	1.231	0.010	1.24		
		Edge1 at 0cm	0.563	0.010	0.57		
		Curved surface of Edge 1 at 0cm	0.893		0.89		
		Bottom Face at 1.2 cm	0.515	0.010	0.53		
	Band 4	Edge1 at 1.2 cm	0.357	0.010	0.37		
		Curved surface of Edge 1 at 1.2 cm	0.437		0.44		
		Edge 2 at 0cm	0.200		0.20		
		Bottom Face at 0cm	1.355	0.010	1.37		
		Edge1 at 0cm	1.223	0.010	1.23		
		Curved surface of Edge 1 at 0cm	1.256		1.26		
	Band 2	Bottom Face at 1.2 cm	0.620	0.010	0.63		
		Edge1 at 1.2 cm	1.292	0.010	1.30		
		Curved surface of Edge 1 at 1.2 cm	1.395		1.40		
		Edge 2 at 0cm	0.025		0.03		
		Bottom Face at 0cm	1.347	0.010	1.36		
		Edge1 at 0cm	0.819	0.010	0.83		
	Band 25	Curved surface of Edge 1 at 0cm	0.797		0.80		
		Bottom Face at 1.2 cm	0.455	0.010	0.47		
		Edge1 at 1.2 cm	1.014	0.010	1.02		
		Curved surface of Edge 1 at 1.2 cm	0.727		0.73		
		Edge 2 at 0cm	0.138		0.14		
		Bottom Face at 0cm	1.138	0.010	1.15		
	Band 25	Edge1 at 0cm	0.835	0.010	0.85		
		Curved surface of Edge 1 at 0cm	0.795		0.80		
		Bottom Face at 1.2 cm	0.518	0.010	0.53		
		Edge1 at 1.2 cm	0.921	0.010	0.93		
		Curved surface of Edge 1 at 1.2 cm	0.773		0.77		
		Edge 2 at 0cm	0.147		0.15		

6.2 SPLSR Evaluation and Analysis



General Note:

1. The WLAN/Bluetooth module of FCC ID: PD917265NG would be integrated into this host, and the identical WLAN antenna is used for the WLAN/BT module integration.
2. According the antenna location, for SPLSR analysis of colocation with PD917265NG, the minimum distances between each antenna pair was used for conservative SPLSR calculation.
3. $SPLSR = (SAR_1 + SAR_2)^{1.5} / (min. \text{ separation distance, mm})$. If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary

Case 1	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	GSM850	Bottom Face at 0cm	1.046	0				
2.4GHz Ant A	1.080		0					

Case 2	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	GSM850	Bottom Face at 1.2 cm	1.222	1.2				
2.4GHz Ant A	1.080		0					

Case 3	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	GSM1900	Bottom Face at 0cm	1.306	0				
2.4GHz Ant A	1.080		0					

Case 4	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	GSM1900	Bottom Face at 1.2 cm	0.664	1.2				
2.4GHz Ant A	1.080		0					



Case 5	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA V 2.4GHz Ant A	Bottom Face at 0cm	1.153	0				
	1.080		0					

Case 6	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA V 2.4GHz Ant A	Bottom Face at 1.2 cm	0.649	1.2				
	1.080		0					

Case 7	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA IV 2.4GHz Ant A	Bottom Face at 0cm	1.447	0				
	1.080		0					

Case 8	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA IV 2.4GHz Ant A	Edge1 at 0cm	1.296	0				
	0.330		0					

Case 9	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA IV 2.4GHz Ant A	Bottom Face at 1.2 cm	0.811	1.2				
	1.080		0					

Case 10	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA IV 2.4GHz Ant A	Edge1 at 1.2 cm	1.313	1.2				
	0.330		0					

Case 11	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA II 2.4GHz Ant A	Bottom Face at 0cm	1.406	0				
	1.080		0					

Case 12	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA II 2.4GHz Ant A	Bottom Face at 1.2 cm	0.763	1.2				
	1.080		0					

Case 13	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	CDMA BC0 2.4GHz Ant A	Bottom Face at 0cm	0.940	0				
	1.080		0					



Case 14	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	CDMA BC0 2.4GHz Ant A	Bottom Face at 1.2 cm	0.828	1.2				
	1.080		0					
					138.0	1.91	0.02	Not required

Case 15	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	CDMA BC1 2.4GHz Ant A	Bottom Face at 0cm	1.384	0				
	1.080		0					
					138.0	2.46	0.03	Not required

Case 16	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	CDMA BC1 2.4GHz Ant A	Edge1 at 0cm	1.341	0				
	0.330		0					
					138.0	1.67	0.02	Not required

Case 17	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	CDMA BC1 2.4GHz Ant A	Bottom Face at 1.2 cm	0.666	1.2				
	1.080		0					
					138.0	1.75	0.02	Not required

Case 18	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B17 2.4GHz Ant A	Bottom Face at 0cm	1.025	0				
	1.080		0					
					138.0	2.11	0.02	Not required

Case 19	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B13 2.4GHz Ant A	Bottom Face at 0cm	1.141	0				
	1.080		0					
					138.0	2.22	0.02	Not required

Case 20	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B5 2.4GHz Ant A	Bottom Face at 0cm	1.231	0				
	1.080		0					
					138.0	2.31	0.03	Not required

Case 21	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B4 2.4GHz Ant A	Bottom Face at 0cm	1.355	0				
	1.080		0					
					138.0	2.44	0.03	Not required

Case 22	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B4 2.4GHz Ant A	Bottom Face at 1.2 cm	0.620	1.2				
	1.080		0					
					138.0	1.70	0.02	Not required



Case 23	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B4 2.4GHz Ant A	Edge1 at 1.2 cm	1.292 0.330	1.2 0				
					138.0	1.62	0.01	Not required

Case 24	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B2 2.4GHz Ant A	Bottom Face at 0cm	1.347 1.080	0 0				
					138.0	2.43	0.03	Not required

Case 25	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B25 2.4GHz Ant A	Bottom Face at 0cm	1.138 1.080	0 0				
					138.0	2.22	0.02	Not required

Case 26	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B25 2.4GHz Ant A	Bottom Face at 1.2 cm	0.518 1.080	1.2 0				
					138.0	1.60	0.01	Not required

Case 27	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	GSM850 2.4GHz Ant B	Bottom Face at 1.2 cm	1.222 0.460	1.2 0				
					122.0	1.68	0.02	Not required

Case 28	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	GSM1900 2.4GHz Ant B	Bottom Face at 0cm	1.306 0.460	0 0				
					122.0	1.77	0.02	Not required

Case 29	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA V 2.4GHz Ant B	Bottom Face at 0cm	1.153 0.460	0 0				
					122.0	1.61	0.02	Not required

Case 30	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA IV 2.4GHz Ant B	Bottom Face at 0cm	1.447 0.460	0 0				
					122.0	1.91	0.02	Not required

Case 31	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	WCDMA II 2.4GHz Ant B	Bottom Face at 0cm	1.406 0.460	0 0				
					122.0	1.87	0.02	Not required



Case 32	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	CDMA BC1 2.4GHz Ant B	Bottom Face at 0cm	1.384	0				
0.460	0							

Case 33	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B13 2.4GHz Ant B	Bottom Face at 0cm	1.141	0				
0.460	0							

Case 34	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B5 2.4GHz Ant B	Bottom Face at 0cm	1.231	0				
0.460	0							

Case 35	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B4 2.4GHz Ant B	Bottom Face at 0cm	1.355	0				
0.460	0							

Case 36	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B2 2.4GHz Ant B	Bottom Face at 0cm	1.347	0				
0.460	0							

Case 37	Band	Position	SAR (W/kg)	Gap (cm)	Minimum distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE B25 2.4GHz Ant B	Bottom Face at 0cm	1.138	0				
0.460	0							



7. References

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