DECLARATION OF COMPLIANCE - SAR RF EXPOSURE EVALUATION (FCC/IC)

Test Lab Information	**Name**	**CELLTECH LABS INC.**	**Address**	21-364 Lougheed Road, Kelowna, B.C. V1X 7R8 Canada			
Test Lab Accreditation	**A2LA**	ISO/IEC 17025:2005 (A2LA Test Lab Certificate No. 2470.01)					
Company Information	**Name**	**XPLORE TECHNOLOGIES CORP.**	**Address**	14000 Summit Drive, Suite 900, Austin, Texas, 78728 USA			
Standard(s) Applied	**FCC**	47 CFR §2.1093	**IC**	Health Canada Safety Code 6			
Procedure(s) Applied	**IC**	RSS-102 Issue 4	**IEEE**	1528-2003	**IEC**	62209-1:2005; 62209-2:2010	
	FCC	OET Bulletin 65, Supplement C (01-01)	KDB 447498 D01v04	KDB 248227 D01v01r02	KDB 865664		
Device Classification(s)	**FCC**	Digital Transmission System (DTS) - §15 Subpart C (2412-2462, 5725-5850 MHz)					
	FCC	Unlicensed National Information Infrastructure TX (NII) - §15 Subpart E (5180-5320, 5470-5725 MHz)					
	IC	Low Power License-Exempt Radiocommunication Device (RSS-210 Issue 7)					
Application Type(s)	**FCC/IC**	Class II Permissive Change (Add iX104C5 Tablet PC Host under Limited Modular Approval) - FCC KDB 178919					
Device-Under-Test Sample	**Rcpt Date**	September 21, 2010	**Test Dates**	October 19-22, 2010			
Device Identifier(s)	**FCC ID:**	Q2GI6200-XPL	**IC:**	4596A-I6200XPL			
Device Under Test (DUT)	**Module**	802.11a/b/g/n WLAN Mini-PCI Card	**Model**	622ANHMW			
	Manuf.	Intel Corporation	**Serial No.**	MAC: 002314DB62B4 (Production Unit)			
DUT Host Configuration(s)	**Host PC**	Rugged Tablet PC	**Model**	iX104C5			
	Manuf.	Wistron Corporation	**Serial No.**	XPL 04			
Co-located Transmitter 1	**WWAN**	GPRS/EDGE/CDMA/WCDMA/HSPA Module	**Model**	GOBI2000			
	FCC ID:	Q2GGOBI2K-XPL	**IC:**	4596A-GOBI2KXPL			
	Manuf.	Qualcomm Inc.	**Co-Tx**	Does not support co-transmission with WLAN			
Co-located Transmitter 2	**Bluetooth**	Class 2	**Model**	BCM92070MD_REF			
	FCC ID:	QDS-BRCM1043	**IC:**	4324A-BRCM1043			
	Manuf.	Broadcom Corporation	**Co-Transmit**	Does support co-transmission with WLAN			
	Tx Freq.	2402 - 2480 MHz	**Cond. Pwr.**	4.27 dBm (Original TCB Cert.) = P(mW)<60/f			
	Ant. Dist.	179 mm Bluetooth-to-WLAN MAIN (Chain A) Transmit Diversity Antenna (closest WLAN Tx Ant. to Bluetooth Ant.)					
User LCD Orientation(s)	**Host PC**	0 Degrees Landscape	90 Degrees Portrait				
Device Position(s) Tested	**Host PC**	Bottom Side Touch (WLAN MAIN & AUX Transmit Diversity Antennas)					
		90 Degrees Portrait (WLAN AUX Transmit Diversity Antenna - Adjacent Edge - Touch)					
Transmitter Freq. Range(s)	**WLAN**	2412 - 2462 MHz	5180 - 5240 MHz	5260 - 5320 MHz	5470 - 5725 MHz	5725 - 5850 MHz	
Antenna Type(s) Tested	**WLAN**	**MAIN - Chain A**	SkyCross P/N: 25.90A0P.001 (Supports MIMO in 802.11n mode)	Gain Spec.: -4.3 dBi (2GHz) Gain Spec.: -5.3 dBi (5GHz)			
		AUX - Chain B	SkyCross P/N: 25.90A0Q.001 (Supports MIMO in 802.11n mode)				
Antenna-to-User Distance(s)	**WLAN**	WLAN (MAIN & AUX) to Bottom Side = 1.6 cm		WLAN (AUX) to Adjacent Edge (90° Portrait) = 5.6 cm			
Power Source(s) Tested	**Host PC**	Lithium-ion Battery	7.4V	10000mAh	Model: 909T2021F		
Max. SAR Levels Measured	**BODY (LAP)**	**802.11a**	**0.563 W/kg**	1g average	Bottom Side	**FCC/IC Spatial Peak SAR Limit**	**1.6 W/kg** **1g average**
		802.11b	**0.396 W/kg**	1g average	Bottom Side		**General Population / Uncontrolled Exposure**
		802.11n	**0.620 W/kg**	1g average	Bottom Side		

Celltech Labs Inc. declares under its sole responsibility that this wireless portable device is compliant with the Specific Absorption Rate (SAR) RF exposure requirements specified in FCC 47 CFR §2.1093 and Health Canada's Safety Code 6 for the General Population / Uncontrolled Exposure environment. The device was tested in accordance with the measurement standards and procedures specified in FCC OET Bulletin 65, Supplement C (Edition 01-01), Industry Canada RSS-102 Issue 4, IEEE 1528-2003, International Standard IEC 62209-1 (2005) and International Standard IEC 62209-2 (Edition 1.0 2010-03). All measurements were performed in accordance with the SAR system manufacturer recommendations.

I attest to the accuracy of data. All measurements were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

The results and statements contained in this report pertain only to the device(s) evaluated.

Test Report Approved By		**Sean Johnston**	**Lab Manager**	**Celltech Labs Inc.**

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REVISION HISTORY			
REVISION NO.	**DESCRIPTION**	**IMPLEMENTED BY**	**RELEASE DATE**
1.0	Initial Release	Jon Hughes	December 21, 2010

TEST REPORT SIGN-OFF			
DEVICE TESTED BY	**REPORT PREPARED BY**	**QA REVIEW BY**	**REPORT APPROVED BY**
Scott Kulifaj	Scott Kulifaj	Jon Hughes	Sean Johnston

1.0 INTRODUCTION

This measurement report demonstrates compliance of the Xplore Technologies Corporation Model: iX104C5 Rugged Tablet PC, incorporating the Intel Centrino 622ANHMW WLAN Mini-PCI Express Card FCC ID: Q2GI6200-XPL, complies with the SAR (Specific Absorption Rate) RF exposure requirements of FCC 47 CFR §2.1093 (see reference [1]) and Health Canada's Safety Code 6 (see reference [2]) for the General Population / Uncontrolled Exposure environment. The test procedures described in FCC OET Bulletin 65, Supplement C, Edition 01-01 (see reference [3]), Industry Canada RSS-102 Issue 4 (see reference [4]), IEEE Standard 1528-2003 (see reference [5]), IEC International Standard 62209-1 (see reference [6]) and IEC International Standard 62209-2 (see reference [7]) were employed. A description of the product, operating configuration, detailed summary of the test results, methodology and procedures used in the evaluation, equipment used, and the various provisions of the rules are included within this test report.

2.0 SAR MEASUREMENT SYSTEM

Celltech Labs Inc. SAR measurement facility utilizes the Dosimetric Assessment System (DASY™) manufactured by Schmid & Partner Engineering AG (SPEAG™) of Zurich, Switzerland. The DASY4 measurement system is comprised of the measurement server, robot controller, computer, near-field probe, probe alignment sensor, specific anthropomorphic mannequin (SAM) phantom, and various planar phantoms for head and/or body SAR evaluations. The robot is a six-axis industrial robot performing precise movements to position the probe to the location (points) of maximum electromagnetic field (EMF). A cell controller system contains the power supply, robot controller, teach pendant (Joystick), and remote control, is used to drive the robot motors. The Staubli robot is connected to the cell controller to allow software manipulation of the robot. A data acquisition electronic (DAE) circuit performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. is connected to the Electro-optical coupler (EOC). The EOC performs the conversion from the optical into digital electric signal of the DAE and transfers data to the DASY4 measurement server. The DAE4 utilizes a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16-bit AD-converter and a command decoder and control logic unit. Transmission to the DASY4 measurement server is accomplished through an optical downlink for data and status information and an optical uplink for commands and clock lines. The mechanical probe-mounting device includes two different sensor systems for frontal and sidewise probe contacts. The sensor systems are also used for mechanical surface detection and probe collision detection. The robot utilizes a controller with built in VME-bus computer.

3.0 SAR PROBE CALIBRATION & MEASUREMENT FREQ. (150MHz - 3GHz)

The following procedures are recommended for measurements at 150 MHz - 3 GHz to minimize probe calibration and tissue dielectric parameter discrepancies. In general, SAR measurements below 300 MHz should be within ±50 MHz of the probe calibration frequency. At 300 MHz to 3 GHz, measurements should be within ±100 MHz of the probe calibration frequency. Measurements exceeding 50% of these intervals, ±25 MHz < 300 MHz and ±50 MHz ≥300 MHz, require additional steps (per FCC KDB 450824 D01 v01r01, SAR Probe Calibration and System Verification Considerations for Measurements at 150 MHz - 3 GHz - see reference [10]).

Probe Calibration Freq.	Device Measurement Freq.	Frequency Interval	±50 MHz ≥ 300 MHz
2450 MHz	2442 MHz	8 MHz	< 50 MHz
1. The probe calibration and measurement frequency interval is < 50 MHz; therefore the additional steps were not required.			

4.0 RF CONDUCTED OUTPUT POWER MEASUREMENTS

2.4 GHz Band

802.11b 1Mbps DSSS
Duty Cycle 100%

Channel	Frequency	Average Power (dBm)	
		MAIN - Chain A	AUX - Chain B
1	2412	16.7	16.8
7	2442	16.7	16.9
11	2462	16.7	16.8
13	2472	16.7	16.8

802.11g 6Mbps OFDM
Duty Cycle 99%

Channel	Frequency	Average Power (dBm)	
		MAIN - Chain A	AUX - Chain B
1	2412	16.7	16.8
7	2442	16.8	16.8
11	2462	16.7	16.7
13	2472	16.8	16.7

802.11n HT0 OFDM
Duty Cycle 99%

Channel	Frequency	Average Power (dBm)	
		MAIN - Chain A	AUX - Chain B
1	2412	16.7	16.7
7	2442	16.8	16.8
11	2462	16.7	16.7
13	2472	16.7	16.7

802.11n MIMO HT16 OFDM
Duty Cycle 98%

Channel	Frequency	Average Power (dBm)		Aggregate Total (dBm)
		MAIN - Chain A	AUX - Chain B	
1	2412	13.5	13.6	16.6
7	2442	13.5	13.6	16.6
11	2462	13.5	13.5	16.5
13	2472	13.5	13.5	16.5

RF CONDUCTED OUTPUT POWER MEASUREMENTS (Cont.)

5.2 GHz Band

802.11a 6Mbps OFDM
Duty Cycle 99%

Channel	Frequency	Average Power (dBm)	
		MAIN - Chain A	AUX - Chain B
36	5180	16.5	16.5
40	5200	16.6	16.6
44	5220	16.5	16.6
48	5240	16.5	16.5

802.11n (20 MHz) HT0 OFDM
Duty Cycle 99%

Channel	Frequency	Average Power (dBm)	
		MAIN - Chain A	AUX - Chain B
36	5180	16.6	16.7
40	5200	16.7	16.7
44	5220	16.7	16.6
48	5240	16.7	16.7

802.11n (40 MHz) HT0 OFDM
Duty Cycle 99%

Channel	Frequency	Average Power (dBm)	
		MAIN - Chain A	AUX - Chain B
38(F)	5190	16.6	16.7
46(F)	5230	16.6	16.7

802.11n MIMO 20M HT16 OFDM
Duty Cycle 98%

Channel	Frequency	Average Power (dBm)		Aggregate Total (dBm)
		MAIN - Chain A	AUX - Chain B	
36	5180	13.5	13.5	16.5
40	5200	13.5	13.5	16.5
44	5220	13.5	13.5	16.5
48	5240	13.5	13.5	16.5

CONDUCTED POWER MEASUREMENT SUMMARY (Cont.)

5.3 GHz Band			
802.11a	6Mbps	OFDM	
Duty Cycle	99%		
		Average Power (dBm)	
Channel	**Frequency**	**MAIN - Chain A**	**AUX - Chain B**
52	5260	16.7	16.7
56	5280	16.7	16.7
60	5300	16.7	16.7
64	5320	16.7	16.7
802.11n (20 MHz)	HT0	OFDM	
Duty Cycle	99%		
		Average Power (dBm)	
Channel	**Frequency**	**MAIN - Chain A**	**AUX - Chain B**
52	5260	16.6	16.7
56	5280	16.8	16.7
60	5300	16.8	16.8
64	5320	16.8	16.8
802.11n (40 MHz)	HT0	OFDM	
Duty Cycle	99%		
		Average Power (dBm)	
Channel	**Frequency**	**MAIN - Chain A**	**AUX - Chain B**
54(F)	5270	16.7	16.8
62(F)	5310	16.7	16.7

CONDUCTED POWER MEASUREMENT SUMMARY (Cont.)

5.5-5.7 GHz Band

802.11a 6Mbps OFDM
Duty Cycle 99%

Channel	Frequency	Average Power (dBm)	
		MAIN - Chain A	AUX - Chain B
100	5500	16.8	16.8
104	5520	16.8	16.8
108	5540	16.8	16.7
112	5560	16.8	16.7
116	5580	16.8	16.8
120	5600	16.9	16.8
124	5620	16.9	16.8
128	5640	16.9	16.8
132	5660	16.8	16.8
136	5680	16.8	16.8
140	5700	16.8	16.8

802.11n (20 MHz) HT0 OFDM
Duty Cycle 99%

Channel	Frequency	Average Power (dBm)	
		MAIN - Chain A	AUX - Chain B
100	5500	16.8	16.8
104	5520	16.7	16.8
108	5540	16.7	16.8
112	5560	16.7	16.7
116	5580	16.7	16.8
120	5600	16.8	16.8
124	5620	16.8	16.7
128	5640	16.8	16.7
132	5660	16.8	16.8
136	5680	16.8	16.8
140	5700	16.8	16.8

802.11n (40 MHz) HT0 OFDM
Duty Cycle 99%

Channel	Frequency	Average Power (dBm)	
		MAIN - Chain A	AUX - Chain B
102(F)	5510	16.8	16.7
118(F)	5590	16.7	16.8
134(F)	5670	16.7	16.8

CONDUCTED POWER MEASUREMENT SUMMARY (Cont.)

5.7-5.8 GHz Band			
802.11a	6Mbps	OFDM	
Duty Cycle	99%		
		Average Power (dBm)	
Channel	**Frequency**	**MAIN - Chain A**	**AUX - Chain B**
149	5745	16.8	16.7
153	5765	16.8	16.7
157	5785	16.8	16.7
161	5805	16.8	16.7
165	5825	16.7	16.7
802.11n (20 MHz)	HT0	OFDM	
Duty Cycle	99%		
		Average Power (dBm)	
Channel	**Frequency**	**MAIN - Chain A**	**AUX - Chain B**
149	5745	16.8	16.7
153	5765	16.7	16.8
157	5785	16.8	16.8
161	5805	16.8	16.7
165	5825	16.8	16.7
802.11n (40 MHz)	HT0	OFDM	
Duty Cycle	99%		
		Average Power (dBm)	
Channel	**Frequency**	**MAIN - Chain A**	**AUX - Chain B**
151(F)	5755	16.8	16.7
159(F)	5795	16.8	16.8

CONDUCTED POWER MEASUREMENT SUMMARY (Cont.)

Notes
1. The RF conducted output power levels (average power) of the DUT were measured by Celltech prior to the SAR evaluations using a Gigatronics 8652A Universal Power Meter at the internal antenna connector in accordance with FCC 47 CFR §2.1046 (see reference [14]) and IC RSS-Gen (see reference [15]).
2. The RF conducted output power levels measured in 802.11g mode were not more than 0.25 dB > 802.11b mode; therefore SAR evaluations were not required for 802.11g mode (per FCC KDB 248227 D01v01r02 - see reference [9]).
3. The RF conducted output power levels were measured for the higher data rates and were not more than 0.25 dB > conducted output power levels listed above for the lowest data rate in each band; therefore SAR evaluations were not required for the higher data rates (per FCC KDB 248227 D01v01r02 - see reference [9]).
4. The conducted power measurements in the 5.5-5.7 GHz band deviated from the test channel selection procedures specified in FCC KDB 248227 based on probe conversion factor limitations for 5.2 GHz (+/- 100 MHz), 5.5 GHz (+/- 100 MHz) and 5.8 GHz (+/- 100 MHz). The default test channels between 5.6 GHz and 5.7 GHz are outside of the probe calibration frequency range and therefore the channels selected for the SAR evaluations were 5.5 GHz, 5.6 GHz and 5.7 GHz. The measured conducted output power levels are not less than the conducted output power levels measured for the default test channels specified in FCC KDB 248227.
5. The test channels evaluated for SAR are highlighted.

5.0 FLUID DIELECTRIC PARAMETERS

FLUID DIELECTRIC PARAMETERS

Date: 10/19/2010		Frequency: 5200-5800 MHz			Tissue: Body	
Freq (GHz)	Test_e	Test_s	5 GHz Target_e	5 GHz Target_s	Deviation Permittivity	Deviation Conductivity
5.20	49.26	5.33	49.00	5.30	0.53%	0.57%
5.22	49.13	5.22	49.00	5.30	0.27%	-1.51%
5.24	49.17	5.29	49.00	5.30	0.35%	-0.19%
5.26	48.93	5.35	49.00	5.30	-0.14%	0.94%
5.28	49.04	5.30	49.00	5.30	0.08%	0.00%
5.30	48.97	5.32	49.00	5.30	-0.06%	0.38%
5.32	48.95	5.35	49.00	5.30	-0.10%	0.94%
5.34	48.89	5.44	49.00	5.30	-0.22%	2.64%
5.36	48.65	5.41	48.60	5.65	0.10%	-4.25%
5.38	48.95	5.52	48.60	5.65	0.72%	-2.30%
5.40	48.74	5.48	48.60	5.65	0.29%	-3.01%
5.42	48.70	5.52	48.60	5.65	0.21%	-2.30%
5.44	48.85	5.68	48.60	5.65	0.51%	0.53%
5.46	49.03	5.60	48.60	5.65	0.88%	-0.88%
5.48	48.65	5.59	48.60	5.65	0.10%	-1.06%
5.50	48.60	5.53	48.60	5.65	0.00%	-2.12%
5.52	48.78	5.78	48.60	5.65	0.37%	2.30%
5.54	48.68	5.83	48.60	5.65	0.16%	3.19%
5.56	48.59	5.80	48.60	5.65	-0.02%	2.65%
5.58	48.63	5.76	48.60	5.65	0.06%	1.95%
5.60	48.20	5.77	48.60	5.65	-0.82%	2.12%
5.62	48.55	5.69	48.60	5.65	-0.10%	0.71%
5.64	48.44	5.88	48.60	5.65	-0.33%	4.07%
5.66	48.34	5.88	48.20	6.00	0.29%	-2.00%
5.68	48.44	5.85	48.20	6.00	0.50%	-2.50%
5.70	48.36	5.98	48.20	6.00	0.33%	-0.33%
5.72	48.52	5.96	48.20	6.00	0.66%	-0.67%
5.74	48.55	5.98	48.20	6.00	0.73%	-0.33%
5.76	47.98	5.93	48.20	6.00	-0.46%	-1.17%
5.78	48.13	6.10	48.20	6.00	-0.15%	1.67%
5.80	47.95	6.12	48.20	6.00	-0.52%	2.00%

FLUID DIELECTRIC PARAMETERS (Cont.)

FLUID DIELECTRIC PARAMETERS

Date: 10/20/2010		Frequency: 5200-5800 MHz			Tissue: Body	
Freq (GHz)	Test_e	Test_s	5 GHz Target_e	5 GHz Target_s	Deviation Permittivity	Deviation Conductivity
5.20	49.80	5.29	49.00	5.30	1.63%	-0.19%
5.22	49.82	5.21	49.00	5.30	1.67%	-1.70%
5.24	49.73	5.21	49.00	5.30	1.49%	-1.70%
5.26	49.50	5.29	49.00	5.30	1.02%	-0.19%
5.28	49.63	5.28	49.00	5.30	1.29%	-0.38%
5.30	49.22	5.25	49.00	5.30	0.45%	-0.94%
5.32	49.47	5.28	49.00	5.30	0.96%	-0.38%
5.34	49.16	5.35	49.00	5.30	0.33%	0.94%
5.36	49.12	5.38	48.60	5.65	1.07%	-4.78%
5.38	49.32	5.48	48.60	5.65	1.48%	-3.01%
5.40	49.29	5.42	48.60	5.65	1.42%	-4.07%
5.42	49.11	5.46	48.60	5.65	1.05%	-3.36%
5.44	49.17	5.60	48.60	5.65	1.17%	-0.88%
5.46	49.59	5.52	48.60	5.65	2.04%	-2.30%
5.48	49.00	5.66	48.60	5.65	0.82%	0.18%
5.50	48.83	5.57	48.60	5.65	0.47%	-1.42%
5.52	49.09	5.70	48.60	5.65	1.01%	0.88%
5.54	49.00	5.69	48.60	5.65	0.82%	0.71%
5.56	48.81	5.77	48.60	5.65	0.43%	2.12%
5.58	49.23	5.70	48.60	5.65	1.30%	0.88%
5.60	48.69	5.78	48.60	5.65	0.19%	2.30%
5.62	48.70	5.73	48.60	5.65	0.21%	1.42%
5.64	49.00	5.80	48.60	5.65	0.82%	2.65%
5.66	48.78	5.88	48.20	6.00	1.20%	-2.00%
5.68	48.67	5.81	48.20	6.00	0.98%	-3.17%
5.70	48.72	5.97	48.20	6.00	1.08%	-0.50%
5.72	49.06	5.97	48.20	6.00	1.78%	-0.50%
5.74	48.85	6.00	48.20	6.00	1.35%	0.00%
5.76	48.51	5.99	48.20	6.00	0.64%	-0.17%
5.78	48.18	6.04	48.20	6.00	-0.04%	0.67%
5.785*	48.18	6.06	48.20	6.00	-0.04%	1.00%
5.80	48.17	6.11	48.20	6.00	-0.06%	1.83%

*Interpolated using DASY4 software

FLUID DIELECTRIC PARAMETERS (Cont.)

FLUID DIELECTRIC PARAMETERS

Date: 10/21/2010		Frequency: 5200-5800 MHz			Tissue: Body	
Freq (GHz)	Test_e	Test_s	5 GHz Target_e	5 GHz Target_s	Deviation Permittivity	Deviation Conductivity
5.20	50.88	5.27	49.00	5.30	3.84%	-0.57%
5.22	50.87	5.28	49.00	5.30	3.82%	-0.38%
5.24	51.02	5.30	49.00	5.30	4.12%	0.00%
5.26	50.79	5.29	49.00	5.30	3.65%	-0.19%
5.28	50.82	5.30	49.00	5.30	3.71%	0.00%
5.30	50.36	5.34	49.00	5.30	2.78%	0.75%
5.32	50.72	5.36	49.00	5.30	3.51%	1.13%
5.34	50.79	5.37	49.00	5.30	3.65%	1.32%
5.36	50.30	5.41	48.60	5.65	3.50%	-4.25%
5.38	50.53	5.43	48.60	5.65	3.97%	-3.89%
5.40	50.44	5.45	48.60	5.65	3.70%	-3.54%
5.42	50.35	5.47	48.60	5.65	3.60%	-3.19%
5.44	50.19	5.56	48.60	5.65	3.27%	-1.59%
5.46	50.34	5.58	48.60	5.65	3.58%	-1.24%
5.48	49.93	5.58	48.60	5.65	2.74%	-1.24%
5.50	50.29	5.59	48.60	5.65	3.48%	-1.06%
5.52	50.43	5.69	48.60	5.65	3.77%	0.71%
5.54	50.17	5.72	48.60	5.65	3.23%	1.24%
5.56	49.93	5.78	48.60	5.65	2.74%	2.30%
5.58	50.06	5.67	48.60	5.65	3.00%	0.35%
5.60	49.59	5.76	48.60	5.65	2.04%	1.95%
5.62	49.86	5.73	48.60	5.65	2.59%	1.42%
5.64	50.01	5.87	48.60	5.65	2.90%	3.89%
5.66	50.01	5.79	48.20	6.00	3.76%	-3.50%
5.68	49.76	5.79	48.20	6.00	3.24%	-3.50%
5.70	49.48	6.05	48.20	6.00	2.66%	0.83%
5.72	50.12	6.01	48.20	6.00	3.98%	0.17%
5.74	49.79	5.99	48.20	6.00	3.30%	-0.17%
5.76	49.50	5.95	48.20	6.00	2.70%	-0.83%
5.78	49.40	6.07	48.20	6.00	2.49%	1.17%
5.80	49.31	6.12	48.20	6.00	2.30%	2.00%

FLUID DIELECTRIC PARAMETERS (Cont.)

FLUID DIELECTRIC PARAMETERS

Date: 10/22/2010		Frequency: 2450 MHz			Tissue: Body	
Freq (GHz)	Test_e	Test_s	2450 MHz Target_e	2450 MHz Target_s	Deviation Permittivity	Deviation Conductivity
2.35	50.39	1.90	52.70	1.95	-4.38%	-2.56%
2.36	50.38	1.90	52.70	1.95	-4.40%	-2.56%
2.37	50.35	1.93	52.70	1.95	-4.46%	-1.03%
2.38	50.33	1.94	52.70	1.95	-4.50%	-0.51%
2.39	50.19	1.95	52.70	1.95	-4.76%	0.00%
2.40	50.23	1.95	52.70	1.95	-4.69%	0.00%
2.41	50.16	1.98	52.70	1.95	-4.82%	1.54%
2.42	50.09	1.97	52.70	1.95	-4.95%	1.03%
2.43	50.36	1.98	52.70	1.95	-4.44%	1.54%
2.44	50.12	1.99	52.70	1.95	-4.90%	2.05%
2.442*	50.10	1.99	52.70	1.95	-4.93%	2.05%
2.45	50.14	2.00	52.70	1.95	-4.86%	2.56%
2.46	50.15	2.03	52.70	1.95	-4.84%	4.10%
2.47	49.96	2.04	52.70	1.95	-5.20%	4.62%
2.48	49.90	2.05	52.70	1.95	-5.31%	5.13%
2.49	49.96	2.06	52.70	1.95	-5.20%	5.64%
2.50	49.91	2.10	52.70	1.95	-5.29%	7.69%
2.51	49.97	2.09	52.70	1.95	-5.18%	7.18%
2.52	49.80	2.08	52.70	1.95	-5.50%	6.67%
2.53	49.67	2.14	52.70	1.95	-5.75%	9.74%
2.54	49.68	2.13	52.70	1.95	-5.73%	9.23%
2.55	49.84	2.14	52.70	1.95	-5.43%	9.74%

*Interpolated using DASY4 software

6.0 SAR MEASUREMENT SUMMARY

BODY (LAP-HELD) SAR MEASUREMENT RESULTS

Test Date	Freq. Band (GHz)	Mode	Mod.	Freq.	Ch.	Data Rate	Tablet PC Position to Planar Phantom	Tablet PC Distance to Planar Phantom	WLAN Transmit Diversity Antenna	Cond. Power Before Test	SAR Drift During Test	Measured SAR	
				MHz		Mbps				dBm	dB	W/kg	1g/Pk
Oct 22	2.4	802.11b	DSSS	2442	7	1	Bottom Side	Touch	AUX	16.9	-0.022	0.371	1g
		802.11b	DSSS	2442	7	1	Bottom Side	Touch	MAIN	16.7	0.023	**0.396**	**1g**
		802.11b	DSSS	2442	7	1	90° Portrait	Touch	AUX	16.9	-0.027	0.126	1g
		802.11n	OFDM	2442	7	HT0	Bottom Side	Touch	AUX	16.8	-0.021	0.443	1g
		802.11n	OFDM	2442	7	HT0	Bottom Side	Touch	MAIN	16.8	-0.035	0.460	1g
		802.11n	OFDM	2442	7	HT0	90° Portrait	Touch	AUX	16.8	0.165	0.119	1g
Oct 19	5.2	802.11a	OFDM	5200	40	6	Bottom Side	Touch	AUX	16.6	-0.005	**0.563**	**1g**
		802.11a	OFDM	5200	40	6	Bottom Side	Touch	MAIN	16.6	0.006	0.281	1g
		802.11a	OFDM	5200	40	6	90° Portrait	Touch	AUX	16.6	(Note 9)	0.022	1g
		802.11n	OFDM	5200	40	HT0	Bottom Side	Touch	AUX	16.7	-0.219	**0.620**	**1g**
		802.11n	OFDM	5200	40	HT0	Bottom Side	Touch	MAIN	16.7	-0.018	0.300	1g
		802.11n	OFDM	5200	40	HT0	90° Portrait	Touch	AUX	16.7	(Note 9)	0.035	Pk
Oct 19	5.3	802.11a	OFDM	5300	60	6	Bottom Side	Touch	AUX	16.7	-0.062	0.465	1g
		802.11a	OFDM	5300	60	6	Bottom Side	Touch	MAIN	16.7	0.023	0.394	1g
		802.11a	OFDM	5300	60	6	90° Portrait	Touch	AUX	16.7	-0.144	0.011	1g
Oct 21		802.11n	OFDM	5300	60	HT0	Bottom Side	Touch	AUX	16.8	-0.127	0.551	1g
		802.11n	OFDM	5300	60	HT0	Bottom Side	Touch	MAIN	16.8	-0.150	0.606	1g
		802.11n	OFDM	5300	60	HT0	90° Portrait	Touch	AUX	16.8	(Note 9)	0.003	1g
Oct 20	5.5-5.7	802.11a	OFDM	5600	120	6	Bottom Side	Touch	AUX	16.8	-0.177	0.542	1g
		802.11a	OFDM	5500	100	6	Bottom Side	Touch	AUX	16.8	-0.192	0.485	1g
		802.11a	OFDM	5700	140	6	Bottom Side	Touch	AUX	16.8	-0.068	0.312	1g
		802.11a	OFDM	5600	120	6	Bottom Side	Touch	MAIN	16.9	0.059	0.375	1g
		802.11a	OFDM	5600	120	6	90° Portrait	Touch	AUX	16.8	(Note 9)	0.015	1g
		802.11n	OFDM	5600	120	HT0	Bottom Side	Touch	AUX	16.8	-0.191	0.577	1g
		802.11n	OFDM	5500	100	HT0	Bottom Side	Touch	AUX	16.8	0.005	0.344	1g
		802.11n	OFDM	5700	140	HT0	Bottom Side	Touch	AUX	16.8	-0.051	0.241	1g
		802.11n	OFDM	5600	120	HT0	Bottom Side	Touch	MAIN	16.8	0.216	0.419	1g
		802.11n	OFDM	5500	100	HT0	Bottom Side	Touch	MAIN	16.8	0.057	0.176	1g
		802.11n	OFDM	5700	140	HT0	Bottom Side	Touch	MAIN	16.8	-0.017	0.292	1g
		802.11n	OFDM	5600	120	HT0	90° Portrait	Touch	AUX	16.8	(Note 9)	0.004	1g
Oct 20	5.7-5.8	802.11a	OFDM	5785	157	6	Bottom Side	Touch	AUX	16.7	0.129	0.287	1g
		802.11a	OFDM	5785	157	6	Bottom Side	Touch	MAIN	16.8	-0.191	0.268	1g
		802.11a	OFDM	5785	157	6	90° Portrait	Touch	AUX	16.7	(Note 9)	0.009	1g
		802.11n	OFDM	5785	157	HT0	Bottom Side	Touch	AUX	16.8	0.128	0.418	1g
		802.11n	OFDM	5785	157	HT0	Bottom Side	Touch	MAIN	16.8	-0.051	0.305	1g
		802.11n	OFDM	5785	157	HT0	90° Portrait	Touch	AUX	16.8	(Note 9)	0.023	1g

SAR LIMIT(S)		BODY	SPATIAL PEAK	RF EXPOSURE CATEGORY
FCC 47 CFR 2.1093	Health Canada Safety Code 6	1.6 W/kg	averaged over 1 gram	General Population / Uncontrolled

Test Date	ρ (Kg/m^3)	Ambient Temp.	Fluid Temp.	Fluid Depth	Relative Humidity	Atmospheric Pressure
October 19, 2010	1000	19.0°C	21.2°C	≥ 15 cm	35%	101.1 kPa
October 20, 2010	1000	20.0°C	21.4°C	≥ 15 cm	35%	101.1 kPa
October 21, 2010	1000	21.0°C	20.8°C	≥ 15 cm	35%	101.1 kPa
October 22, 2010	1000	22.0°C	22.8°C	≥ 15 cm	35%	101.1 kPa

7.0 DETAILS OF SAR EVALUATION

1. The DUT was evaluated for body SAR (lap-held) with the bottom side of the Tablet PC parallel and touching the outer surface of the planar phantom.
2. The DUT was evaluated for body SAR with the WLAN AUX antenna (Chain B) adjacent edge of the Tablet PC (90° Portrait LCD display orientation) parallel and touching the outer surface of the planar phantom.
3. The MAIN (Chain A) and AUX (Chain B) transmit diversity antennas were evaluated for SAR individually (one at a time with the other disabled).
4. The start channel selected for the SAR evaluations for each frequency band was the highest output channel in accordance with the procedures specified in FCC KDB 447498 Section 1) e). The procedure for evaluating multiple channels was also applied in accordance with the procedures specified in FCC KDB 447498 Section 1) e).
5. The SAR evaluations performed in the 5.5-5.7 GHz band deviated from the test channel selection procedures specified in FCC KDB 248227 based on probe conversion factor limitations for 5.2 GHz (+/- 100 MHz), 5.5 GHz (+/- 100 MHz) and 5.8 GHz (+/- 100 MHz). The default test channels between 5.6 GHz and 5.7 GHz are outside of the probe calibration frequency range and therefore the channels selected for the SAR evaluations were 5.5 GHz, 5.6 GHz and 5.7 GHz. The measured conducted output power levels are not less than the conducted output power levels measured for the default test channels specified in FCC KDB 248227.
6. The WLAN was tested using proprietary Intel CRTU test software enabling continuous transmission and selection of frequency band, mode, test channel/frequency, transmit antenna, output power and duty cycle.
7. The internal battery of the Tablet PC was fully charged prior to the SAR evaluations.
8. The SAR drift of the DUT was measured by the DASY4 system for the duration of the SAR evaluations.
9. The SAR drift of the DUT was measured at the reference point of the phantom with low SAR. The resulting drift values were inaccurate due to the SAR value at the reference point was close to the measurement noise floor and are therefore not reported.
10. The fluid temperature was measured prior to and after the SAR evaluations. The fluid temperature remained within +/-2°C during the SAR evaluations.
11. The dielectric parameters of the simulated tissue mixtures were measured prior to the SAR evaluations using a Dielectric Probe Kit and a Network Analyzer (see Appendix C).

8.0 SAR EVALUATION PROCEDURES

a. (i) The evaluation was performed in the applicable area of the phantom depending on the type of device being tested. For devices held to the ear during normal operation, both the left and right ear positions were evaluated using the SAM phantom.
(ii) For body-worn and face-held devices a planar phantom was used.

b. The SAR was determined by a pre-defined procedure within the DASY4 software. Upon completion of a reference and optical surface check, the exposed region of the phantom was scanned near the inner surface with a grid spacing of 15mm x 15mm.
An area scan was determined as follows:

c. Based on the defined area scan grid, a more detailed grid is created to increase the points by a factor of 10. The interpolation function then evaluates all field values between corresponding measurement points.

d. A linear search is applied to find all the candidate maxima. Subsequently, all maxima are removed that are >2 dB from the global maximum. The remaining maxima are then used to position the cube scans.
A 1g and 10g spatial peak SAR was determined as follows:

e. Extrapolation is used to determine the values between the dipole center of the probe and the surface of the phantom. This data cannot be measured because the center of the dipole sensors is 1.0 mm away from the probe tip and the distance between the probe and the boundary must be larger than 25% of the probe diameter. The probe diameter is 2.4 mm. In the DASY4 software, the distance between the sensor center and phantom surface is set to 2.0 mm. This provides a distance of 1.0 mm between the probe tip and the surface. The extrapolation of the values between the dipole center and the surface of the phantom was based on trivariate quadratics computed from the previously calculated 3D interpolated points nearest the phantom surface.

f. Interpolated data is used to calculate the average SAR over 1g and 10g cubes by spatially discretizing the entire measured cube. The volume used to determine the averaged SAR is a 1mm grid (42875 interpolated points).

g. For frequencies < 3 GHz a zoom scan volume of 24 mm x 24 mm x 24 mm (7x7x7 points) centered at the peak SAR location determined from the area scan was used and a zoom scan resolution of 5 mm x 5 mm x 5 mm was used.

h. For frequencies > 3 GHz a zoom scan volume of 24 mm x 24 mm x 20 mm (7x7x9 points) centered at the peak SAR location determined from the area scan was used and a zoom scan resolution of 4 mm x 4 mm x 2.5 mm was used.

9.0 CO-LOCATED TRANSMITTER(S)

The iX104C5 Tablet PC incorporating the Intel Centrino 622ANHMW WLAN Mini-PCI Express Card FCC ID: Q2GI6200-XPL can be co-located with the following transmitters:

Transmitter Type	Manufacturer	FCC ID	IC ID	Model	Co-Transmit
WWAN	Qualcomm	Q2GGOBI2K-XPL	4596A-GOBI2KXPL	GOBI2000	No
Class 2 Bluetooth	Broadcom	QDS-BRCM1043	4324A-BRCM1043	BCM92070MD_REF	Yes

10.0 SIMULTANEOUS TRANSMISSION ASSESSMENT

The provisions set forth in FCC KDB 447498 D01v04 Section 3)b)ii) were applied to determine simultaneous transmission SAR evaluations were not required based on the following:

WLAN Co-Transmission: WLAN can transmit simultaneously with Bluetooth
Bluetooth Output Power = 4.27 dBm (< 60/f mW)

Antenna-to-Antenna Distance: MAIN (Chain A) to Bluetooth = 17.9 cm
AUX (Chain B) to Bluetooth = 23.9 cm

Summary

SAR evaluation for simultaneous transmission of the WLAN and Bluetooth is not required based on the maximum conducted output power of the Bluetooth (for which stand-alone SAR evaluation not required) is < 60/f mW and the antenna-to-antenna separation distance (WLAN to Bluetooth) is > 5 cm.

11.0 SYSTEM PERFORMANCE CHECK

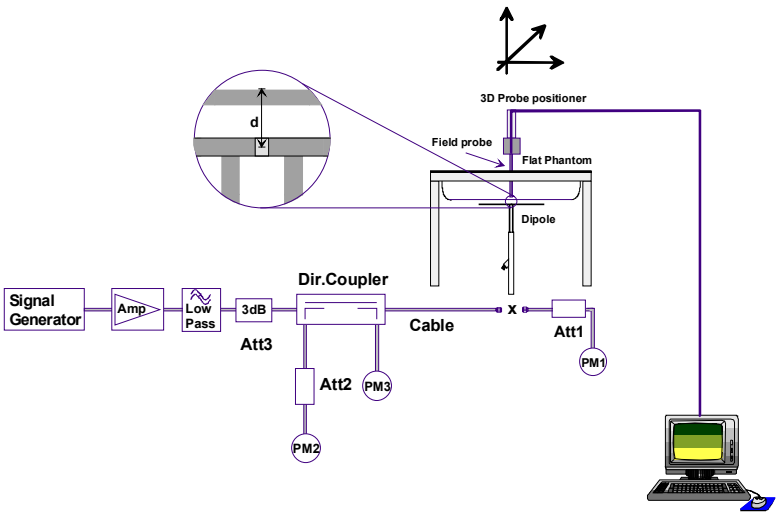
Prior to the SAR evaluations, daily system checks were performed using a planar phantom with a SPEAG 2450 MHz validation dipole and 5 GHz validation dipole (see Appendix B for system performance check evaluation plots) in accordance with the procedures described in IEEE Standard 1528-2003 (see reference [5]) and IEC International Standard 62209-1:2005 (see reference [6]). The dielectric parameters of the simulated tissue mixture were measured prior to the system performance check using a Dielectric Probe Kit and a Network Analyzer (see Appendix C). The SAR measurement system was verified to a tolerance of ±10% from the system manufacturer's dipole calibration target SAR value (see Appendix G for system manufacturer's dipole calibration procedures).

SYSTEM PERFORMANCE CHECK EVALUATION RESULTS

Test Date	Freq. (MHz) / Fluid Type	SAR 1g (W/kg) SPEAG Target	SAR 1g (W/kg) 1W	SAR 1g (W/kg) Meas.	SAR 1g (W/kg) Dev.	Dielectric Constant ε_r SPEAG Target	Dielectric Constant ε_r Meas.	Dielectric Constant ε_r Dev.	Conductivity σ (mho/m) SPEAG Target	Conductivity σ (mho/m) Meas.	Conductivity σ (mho/m) Dev.	Amb. Temp. (°C)	Fluid Temp. (°C)	Humid. (%)	Barom. Press. (kPa)
Oct-19	5200 Body	76.3 ±10% (Norm. 1W)	70.6	3.53	-7.5%	**49.0 ±5%**	49.3	+0.6%	**5.30 ±5%**	5.33	+0.6%	19.0	21.2	35	101.1
Oct-20	5500 Body	80.1 ±10% (Norm. 1W)	81.7	8.17	+2.0%	**48.6 ±5%**	48.8	+0.4%	**5.65 ±5%**	5.57	-1.4%	20.0	21.4	35	101.1
Oct-20	5800 Body	68.2 ±10% (Norm. 1W)	61.8	3.09	-9.4%	**48.2 ±5%**	48.2	0.0%	**6.00 ±5%**	6.11	+1.8%	20.0	21.4	35	101.1
Oct-21	5200 Body	76.3 ±10% (Norm. 1W)	69.8	3.49	-8.5%	**49.0 ±5%**	50.9	+3.9%	**5.30 ±5%**	5.27	-0.6%	21.0	20.8	35	101.1
Oct-22	2450 Body	51.6 ±10% (Norm. 1W)	55.2	13.8	+7.0%	**52.7 ±5%**	50.1	-4.9%	**1.95 ±5%**	2.00	+2.6%	22.0	22.8	35	101.1

Notes

- The target SAR values are the measured values from the SAR system manufacturer's dipole calibration (see Appendix G).
- The target dielectric parameters are the nominal values from the SAR system manufacturer's dipole calibration (see Appendix G).
- The fluid temperature was measured prior to and after the system performance check evaluations. The fluid temperature remained within +/-2°C during the system performance check evaluations.
- 2450 MHz SPC Input Power = 250 mW | 5500 MHz SPC Input Power = 100 mW | 5200/5800 MHz SPC Input Power = 50 mW
- Fluid Depth = ≥ 15 cm; ρ (Kg/m^3) = 1000



System Performance Check Measurement Setup Diagram (IEEE 1528-2003)

2.45 GHz Validation Dipole Setup

5 GHz Validation Dipole Setup

12.0 SIMULATED EQUIVALENT TISSUES

The 2450 MHz simulated equivalent tissue recipe in the table below is derived from the SAR system manufacturer's suggested recipe in the DASY4 manual (see reference [12]) in accordance with the procedures and requirements specified in IEEE Standard 1528-2003 (see reference [5]) and IEC Standard 62209-1:2005 (see reference [6]). The ingredient percentage may have been adjusted marginally in order to achieve the appropriate target dielectric parameters within the specified tolerance. The 5 GHz simulated tissue mixture was provided by SPEAG and is listed below. The dielectric parameters of the fluid (permittivity and conductivity) were measured prior to the SAR evaluations. See Appendix D for the system manufacturer's 5GHz fluid data sheet.

SIMULATED TISSUE MIXTURE (2450 MHz)	
INGREDIENT	**2450 MHz BODY**
Water	69.98 %
Glycol Monobutyl	30.00 %
Salt	0.02 %

SIMULATED TISSUE MIXTURE (5 GHz)	
INGREDIENT	**5 GHz BODY**
Water	64-78%
Mineral Oil	11-18%
Emulsifiers	9-15%
Additives and Salt	2-3%

13.0 SAR LIMITS

SAR RF EXPOSURE LIMITS			
FCC 47 CFR 2.1093	**Health Canada Safety Code 6**	**(General Population / Uncontrolled Exposure)**	**(Occupational / Controlled Exposure)**
Spatial Average (averaged over the whole body)		0.08 W/kg	0.4 W/kg
Spatial Peak (averaged over any 1 g of tissue)		**1.6 W/kg**	8.0 W/kg
Spatial Peak (hands/wrists/feet/ankles averaged over 10 g)		4.0 W/kg	20.0 W/kg
The Spatial Average value of the SAR averaged over the whole body.			
The Spatial Peak value of the SAR averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.			
The Spatial Peak value of the SAR averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.			
Uncontrolled environments are defined as locations where there is potential exposure of individuals who have no knowledge or control of their potential exposure.			
Controlled environments are defined as locations where there is potential exposure of individuals who have knowledge of their potential exposure and can exercise control over their exposure.			

14.0 ROBOT SYSTEM SPECIFICATIONS

Specifications	
Positioner	Stäubli Unimation Corp. Robot Model: RX60L
Repeatability	0.02 mm
No. of axis	6
Data Acquisition Electronic (DAE) System	
Cell Controller	
Processor	AMD Athlon XP 2400+
Clock Speed	2.0 GHz
Operating System	Windows XP Professional
Data Converter	
Features	Signal Amplifier, multiplexer, A/D converter, and control logic
Software	Measurement Software: DASY4, V4.7 Build 44
	Postprocessing Software: SEMCAD, V1.8 Build 171
Connecting Lines	Optical downlink for data and status info.; Optical uplink for commands and clock
DASY4 Measurement Server	
Function	Real-time data evaluation for field measurements and surface detection
Hardware	PC/104 166MHz Pentium CPU; 32 MB chipdisk; 64 MB RAM
Connections	COM1, COM2, DAE, Robot, Ethernet, Service Interface
E-Field Probe	
Model	EX3DV4
Serial No.	3600
Construction	Symmetrical design with triangular core
Frequency	10 MHz to 6 GHz
Linearity	±0.2 dB (30 MHz to 3 GHz)
Phantom(s)	
Type	Barski Planar Phantom
Shell Material	Fiberglass
Thickness	2.0 ±0.1 mm
Volume	Approx. 70 liters

15.0 PROBE SPECIFICATION (EX3DV4)

Construction:	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g. DGBE)
Calibration:	Basic Broadband Calibration in air: 10-3000 MHz Conversion Factors (CF) for HSL 900 and HSL 1750
Frequency:	10 MHz to >6 GHz; Linearity: ±0.2 dB (30 MHz to 3 GHz)
Directivity:	±0.3 dB in HSL (rotation around probe axis) ±0.5 dB in tissue material (rotation normal to probe axis)
Dynamic Range:	10 μW/g to >100 mW/g; Linearity: ±0.2 dB (noise: typically < 1 μW/g)
Dimensions:	Overall length: 330 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Typical distance from probe tip to dipole centers: 1.0 mm
Application:	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better than 30%.

EX3DV4 E-Field Probe

16.0 BARSKI PLANAR PHANTOM

The Barski planar phantom is a fiberglass shell phantom with a 2.0 mm (+/-0.2mm) thick device measurement area at the center of the phantom for SAR evaluations of devices with a larger surface area than the planar section of the SAM phantom. The planar phantom is integrated in a wooden table. The Barski planar phantom was used for the DUT SAR evaluations and the system performance check evaluations. See Appendix I for dimensions and specifications of the Barski planar phantom.

Planar Phantom

17.0 DEVICE HOLDER

The DASY4 device holder has two scales for device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear openings). The plane between the ear openings and the mouth tip has a rotation angle of 65°. The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. For evaluations of larger devices a Plexiglas platform is attached to the device holder.

Device Holder

18.0 TEST EQUIPMENT LIST

TEST EQUIPMENT		ASSET NO.	SERIAL NO.	DATE CALIBRATED	CALIBRATION INTERVAL
USED	DESCRIPTION				
x	Schmid & Partner DASY4 System	-	-	-	-
x	-DASY4 Measurement Server	00158	1078	CNR	CNR
x	-Robot	00046	599396-01	CNR	CNR
x	-DAE4	00019	353	27Apr10	Annual
x	-EX3DV4 E-Field Probe	00213	3600	29Apr10	Annual
x	-D2450V2 Validation Dipole	00219	825	17Apr09	Biennial
x	-D5GHzV2 Validation Dipole	00126	1031	29Apr09	Biennial
x	-Barski Planar Phantom	00155	03-01	CNR	CNR
x	HP 85070C Dielectric Probe Kit	00033	none	CNR	CNR
x	Gigatronics 8652A Power Meter	00007	1835272	04May10	Biennial
x	Gigatronics 80701A Power Sensor	00014	1833699	04May10	Biennial
x	HP 8753ET Network Analyzer	00134	US39170292	04May10	Biennial
x	Rohde & Schwarz SMR20 Signal Generator	00006	100104	CNR	CNR
x	Amplifier Research 5S1G4 Power Amplifier	00106	26235	CNR	CNR
Abbr.	CNR = Calibration Not Required; N/A = Not Applicable				

19.0 MEASUREMENT UNCERTAINTIES

UNCERTAINTY BUDGET FOR DEVICE EVALUATION

Uncertainty Component	IEEE 1528 Section	Uncertainty Value ±%	Probability Distribution	Divisor	ci 1g	ci 10g	Uncertainty Value ±% (1g)	Uncertainty Value ±% (10g)	V_i or V_{eff}
Measurement System									
Probe Calibration (2450 MHz)	E.2.1	5.5	Normal	1	1	1	5.5	5.5	∞
Axial Isotropy	E.2.2	4.7	Rectangular	1.732050808	0.7	0.7	1.9	1.9	∞
Hemispherical Isotropy	E.2.2	9.6	Rectangular	1.732050808	0.7	0.7	3.9	3.9	∞
Boundary Effect	E.2.3	1	Rectangular	1.732050808	1	1	0.6	0.6	∞
Linearity	E.2.4	4.7	Rectangular	1.732050808	1	1	2.7	2.7	∞
System Detection Limits	E.2.5	1	Rectangular	1.732050808	1	1	0.6	0.6	∞
Readout Electronics	E.2.6	0.3	Normal	1	1	1	0.3	0.3	∞
Response Time	E.2.7	0.8	Rectangular	1.732050808	1	1	0.5	0.5	∞
Integration Time	E.2.8	2.6	Rectangular	1.732050808	1	1	1.5	1.5	∞
RF Ambient Conditions	E.6.1	3	Rectangular	1.732050808	1	1	1.7	1.7	∞
Probe Positioner Mechanical Tolerance	E.6.2	0.4	Rectangular	1.732050808	1	1	0.2	0.2	∞
Probe Positioning wrt Phantom Shell	E.6.3	2.9	Rectangular	1.732050808	1	1	1.7	1.7	∞
Extrapolation, interpolation & integration algorithms for max. SAR evaluation	E.5	1	Rectangular	1.732050808	1	1	0.6	0.6	∞
Test Sample Related									
Test Sample Positioning	E.4.2	2.9	Normal	1	1	1	2.9	2.9	12
Device Holder Uncertainty	E.4.1	3.6	Normal	1	1	1	3.6	3.6	8
SAR Drift Measurement	6.6.2	5	Rectangular	1.732050808	1	1	2.9	2.9	∞
Phantom and Tissue Parameters									
Phantom Uncertainty	E.3.1	4	Rectangular	1.732050808	1	1	2.3	2.3	∞
Liquid Conductivity (target)	E.3.2	5	Rectangular	1.732050808	0.64	0.43	1.8	1.2	∞
Liquid Conductivity (measured)	E.3.3	2.1	Normal	1	0.64	0.43	1.3	0.9	∞
Liquid Permittivity (target)	E.3.2	5	Rectangular	1.732050808	0.6	0.49	1.7	1.4	∞
Liquid Permittivity (measured)	E.3.3	4.9	Normal	1	0.6	0.49	2.9	2.4	∞
Combined Standard Uncertainty			**RSS**				**10.84**	**10.53**	
Expanded Uncertainty (95% Confidence Interval)			**k=2**				**21.69**	**21.06**	
Measurement Uncertainty Table in accordance with IEEE Standard 1528-2003									

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2

MEASUREMENT UNCERTAINTIES (Cont.)

UNCERTAINTY BUDGET FOR DEVICE EVALUATION

Error Description	IEC 62209 Section	Uncertainty Value ±%	Probability Distribution	Divisor	ci 1g	ci 10g	Uncertainty Value ±% (1g)	Uncertainty Value ±% (10g)	V_i or V_{eff}
Measurement System									
Probe Calibration (5 GHz)	7.2.1	6.55	Normal	1	1	1	6.55	6.55	∞
Axial Isotropy	7.2.1.2	4.7	Rectangular	1.732050808	0.7	0.7	1.9	1.9	∞
Hemispherical Isotropy	7.2.1.2	9.6	Rectangular	1.732050808	0.7	0.7	3.9	3.9	∞
Boundary Effect	7.2.1.5	1	Rectangular	1.732050808	1	1	0.6	0.6	∞
Linearity	7.2.1.3	4.7	Rectangular	1.732050808	1	1	2.7	2.7	∞
System Detection Limits	7.2.1.4	1	Rectangular	1.732050808	1	1	0.6	0.6	∞
Readout Electronics	7.2.1.6	0.3	Normal	1	1	1	0.3	0.3	∞
Response Time	7.2.1.7	0.8	Rectangular	1.732050808	1	1	0.5	0.5	∞
Integration Time	7.2.1.8	2.6	Rectangular	1.732050808	1	1	1.5	1.5	∞
RF Ambient Conditions	7.2.3.6	3	Rectangular	1.732050808	1	1	1.7	1.7	∞
Probe Positioner Mechanical Restrictions	7.2.2.1	0.8	Rectangular	1.732050808	1	1	0.5	0.5	∞
Probe Positioning wrt Phantom Shell	7.2.2.3	5.7	Rectangular	1.732050808	1	1	3.3	3.3	∞
Post-processing	7.2.4	4	Rectangular	1.732050808	1	1	2.3	2.3	∞
Test Sample Related									
Device positioning	7.2.2.4	2.9	Normal	1	1	1	2.9	2.9	12
Device holder uncertainty	7.2.2.4.2	3.6	Normal	1	1	1	3.6	3.6	8
Power drift	7.2.3.5	5	Rectangular	1.732050808	1	1	2.9	2.9	∞
Phantom and Setup									
Phantom uncertainty	7.2.2.2	4	Rectangular	1.732050808	1	1	2.3	2.3	∞
Liquid conductivity (target)	7.2.3.3	5	Rectangular	1.732050808	0.64	0.43	1.8	1.2	∞
Liquid conductivity (measured)	7.2.3.3	2.3	Normal	1	0.64	0.43	1.5	1.0	∞
Liquid permittivity (target)	7.2.3.4	10	Rectangular	1.732050808	0.6	0.49	3.5	2.8	∞
Liquid permittivity (measured)	7.2.3.4	2.8	Normal	1	0.6	0.49	1.7	1.4	∞
Combined Standard Uncertainty			**RSS**				**12.12**	**11.79**	
Expanded Uncertainty (95% Confidence Interval)			**k=2**				**24.25**	**23.58**	

Measurement Uncertainty Table in accordance with IEC International Standard 62209-1:2005

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2

20.0 REFERENCES

[1] Federal Communications Commission - “Radiofrequency radiation exposure evaluation: portable devices”, Rule Part 47 CFR §2.1093.

[2] Health Canada - “Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz”, Safety Code 6: 1999.

[3] Federal Communications Commission - “Evaluating Compliance with FCC Guidelines for Human Exposure to Radio frequency Electromagnetic Fields”, OET Bulletin 65, Supplement C (Edition 01-01), FCC, Washington, D.C.: June 2001.

[4] Industry Canada - “Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands)”, Radio Standards Specification RSS-102 Issue 4: March 2010.

[5] IEEE Standard 1528-2003 - “Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques”: December 2003.

[6] International Standard IEC 62209-1:2005 - “Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 1: Procedure to determine the specific absorption rate (SAR) for handheld devices used in close proximity to the ear (300 MHz to 3 GHz)”.

[7] International Standard IEC 62209-2 Edition 1.0 2010-03 - “Human exposure to radio frequency fields from hand-held & body-mounted wireless communication devices - Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)”.

[8] Federal Communications Commission, Office of Engineering and Technology - “Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies”; KDB 447498 D01v04: November 2009.

[9] Federal Communications Commission, Office of Engineering and Technology - “SAR Measurement Procedures for 802.11a/b/g Transmitters”; KDB 248227 D01v01r02: May 2007.

[10] Federal Communications Commission, Office of Engineering and Technology - “Application Note: SAR Probe Calibration and System Verification Considerations for Measurements at 150 MHz - 3 GHz”; KDB 450824 D01 v01r01: January 2007.

[11] Federal Communications Commission, Office of Engineering and Technology - “SAR Measurement Requirements for 3 - 6 GHz”; KDB 865664 Rev. 1.1: April 2007.

[12] Schmid & Partner Engineering AG - DASY4 Manual V4.6, Chapter 17 Application Note, Body Tissue Recipe: Sept. 2005.

[13] ISO/IEC 17025 - “General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025:2005).”

[14] Federal Communications Commission - “Measurements Required: RF Power Output”; Rule Part 47 CFR §2.1046.

[15] Industry Canada - “General Requirements and Information for the Certification of Radiocommunication Equipment”, Radio Standards Specification RSS-Gen Issue 2: June 2007.

APPENDIX A - SAR MEASUREMENT PLOTS

Date Tested: 10/22/2010

Body SAR - 802.11b - 1 Mbps - 2442 MHz - Ch. 7- AUX Antenna (Chain B) - Bottom Side Touch

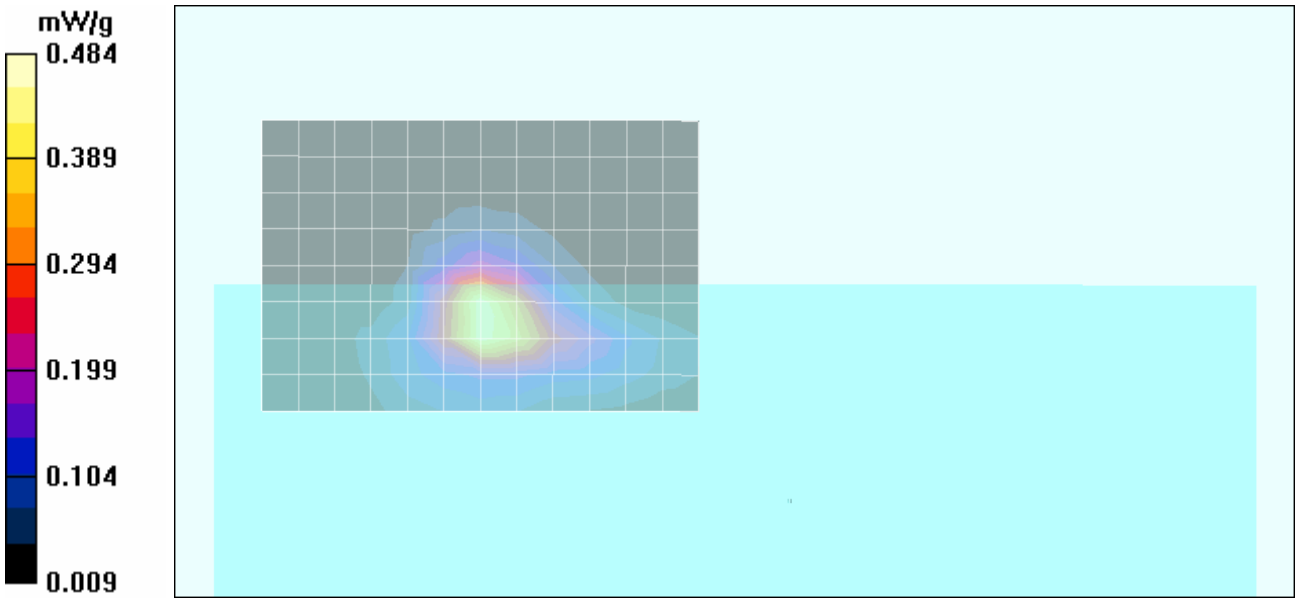
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 22.0°C; Fluid Temp: 22.8°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: DSSS WLAN
Frequency: 2442 MHz; Duty Cycle: 1:1.00
Medium: M2450 Medium parameters used (Interpolated): f = 2442 MHz; σ = 1.99 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(6.24, 6.24, 6.24); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.449 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 15.0 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.768 W/kg
SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.484 mW/g



Date Tested: 10/22/2010

Body SAR - 802.11b - 1 Mbps - 2442 MHz - Ch. 7- MAIN Antenna (Chain A) - Bottom Side Touch

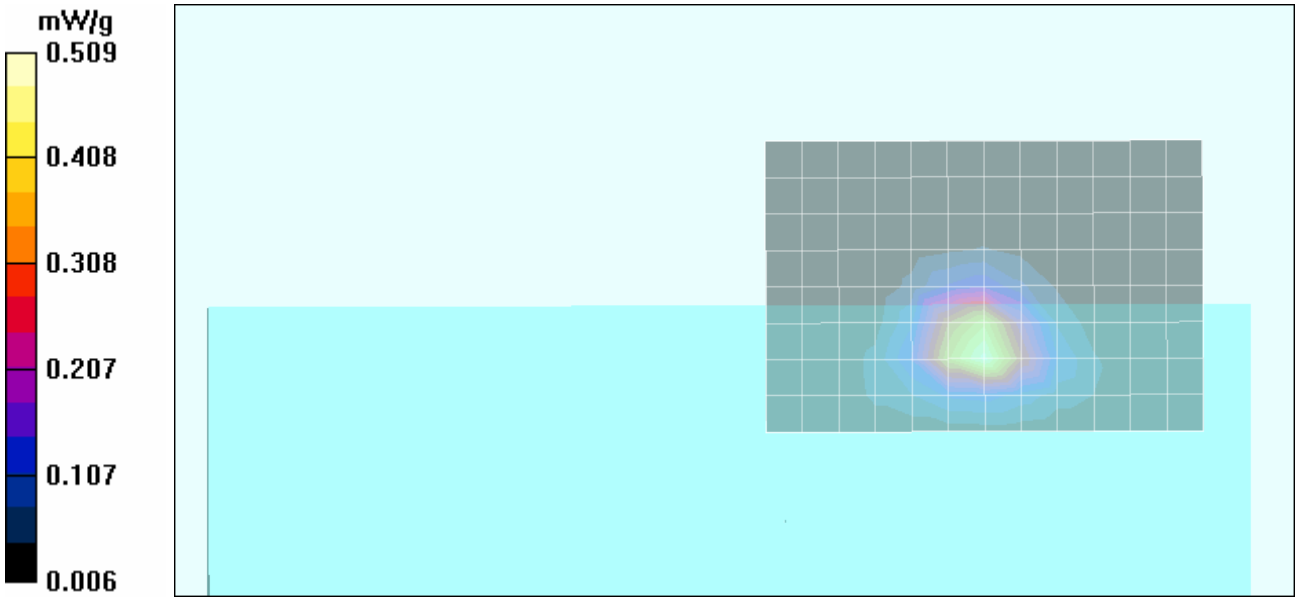
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 22.0°C; Fluid Temp: 22.8°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: DSSS WLAN
Frequency: 2442 MHz; Duty Cycle: 1:1.00
Medium: M2450 Medium parameters used (Interpolated): f = 2442 MHz; σ = 1.99 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(6.24, 6.24, 6.24); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.493 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 15.8 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.804 W/kg
SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.509 mW/g



Date Tested: 10/22/2010

Body SAR - 802.11b - 1 Mbps - 2442 MHz - Ch. 7 - AUX Antenna (Chain B) - "90° Portrait" Touch

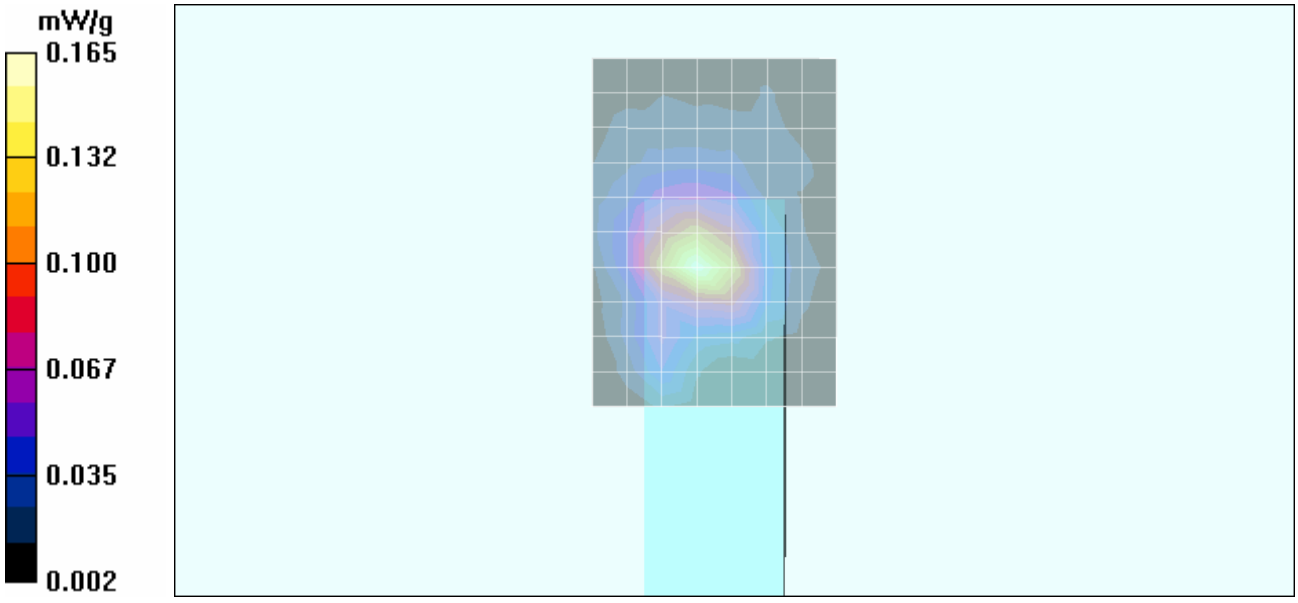
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 22.0°C; Fluid Temp: 22.8°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: DSSS WLAN
Frequency: 2442 MHz; Duty Cycle: 1:1.00
Medium: M2450 Medium parameters used (Interpolated): f = 2442 MHz; σ = 1.99 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(6.24, 6.24, 6.24); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - AUX Antenna Adjacent Edge of Tablet PC Touching Planar Phantom
Area Scan (11x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.164 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 9.12 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.320 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.165 mW/g



Date Tested: 10/22/2010

Body SAR - 802.11n - HT0 - 2442 MHz - Ch. 7 - AUX Antenna (Chain B) - Bottom Side Touch

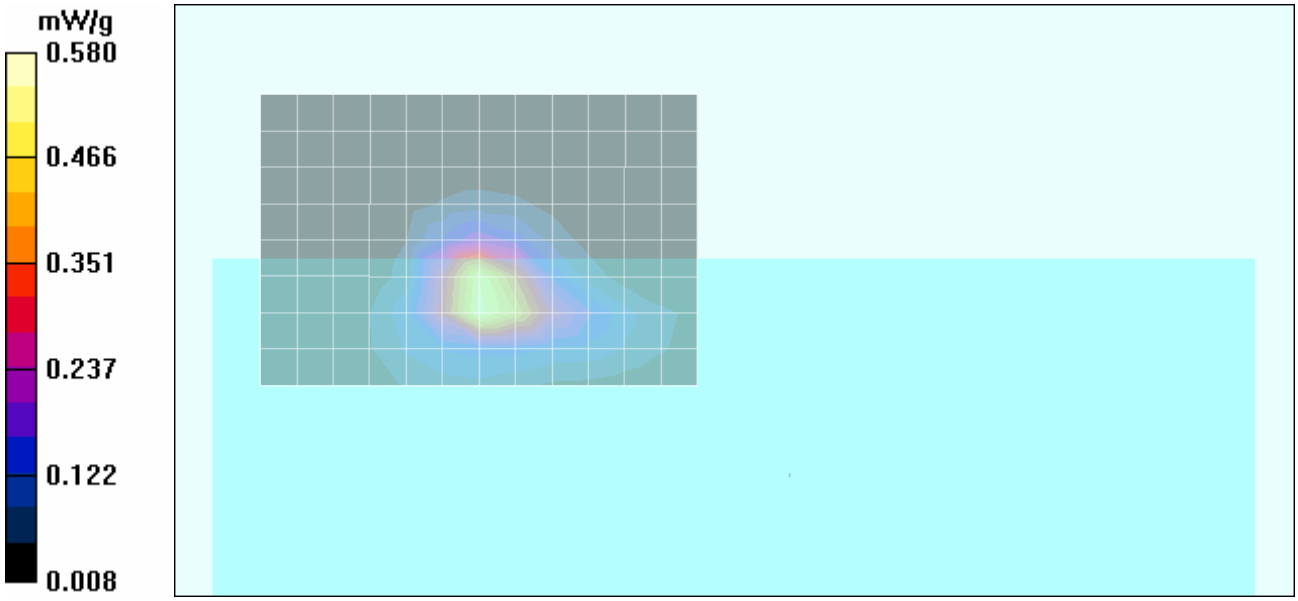
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 22.0°C; Fluid Temp: 22.8°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 2442 MHz; Channel: 7; Duty Cycle: 1:1.01
Medium: M2450 Medium parameters used (Interpolated): f = 2442 MHz; σ = 1.99 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(6.24, 6.24, 6.24); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.520 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 16.0 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 0.930 W/kg
SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.580 mW/g



Date Tested: 10/22/2010

Body SAR - 802.11n - HT0 - 2442 MHz - Ch. 7 - MAIN Antenna (Chain A) - Bottom Side Touch

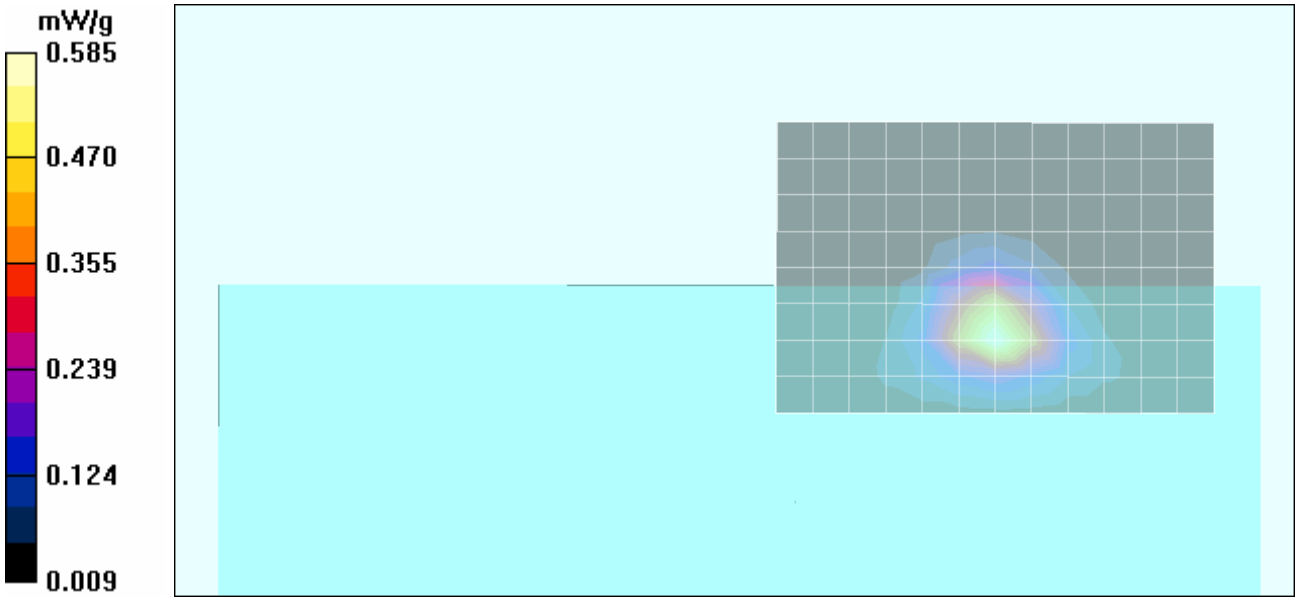
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 22.0°C; Fluid Temp: 22.8°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

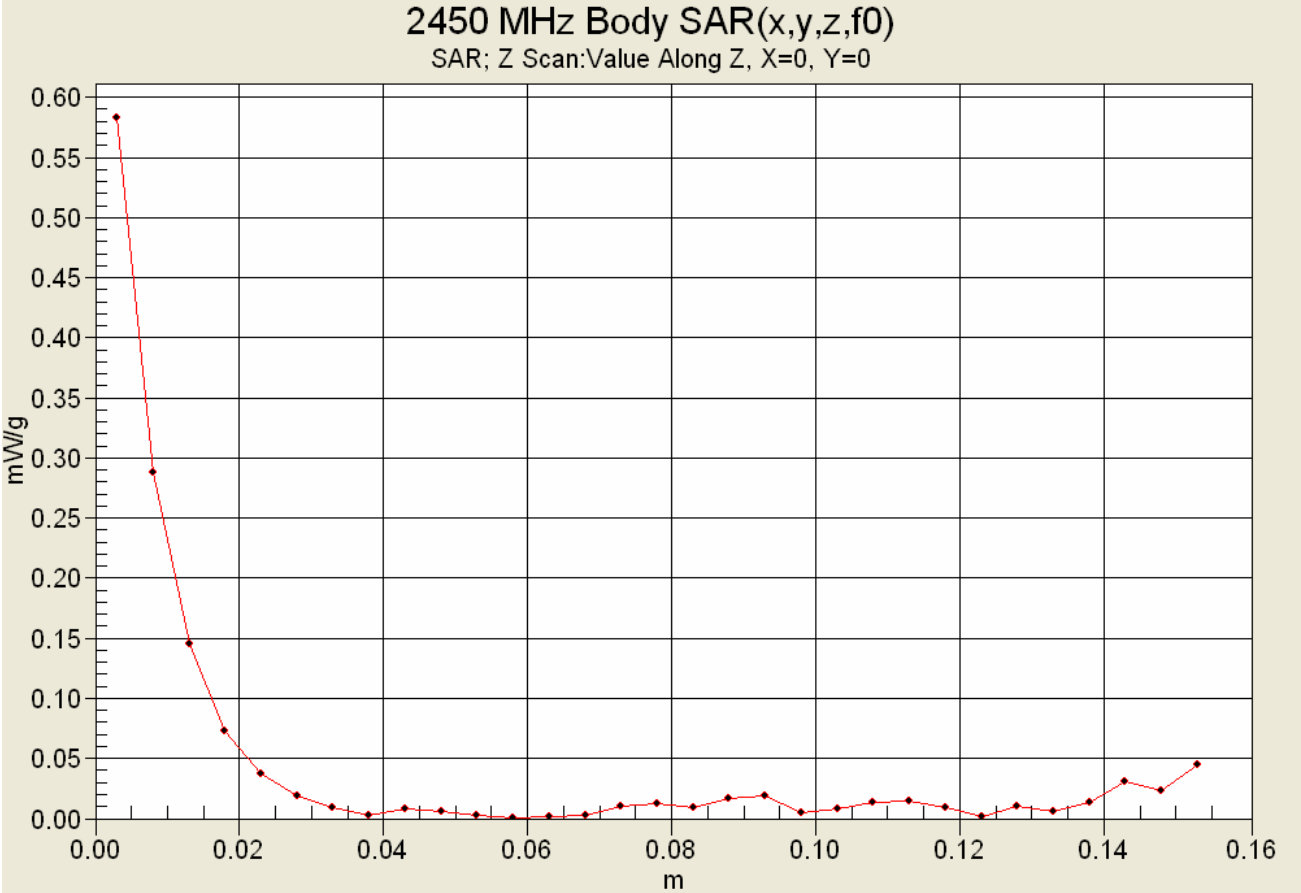
Communication System: OFDM WLAN
Frequency: 2442 MHz; Channel: 7; Duty Cycle: 1:1.01
Medium: M2450 Medium parameters used (Interpolated): f = 2442 MHz; σ = 1.99 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(6.24, 6.24, 6.24); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.609 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 17.5 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.955 W/kg
SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.207 mW/g
Maximum value of SAR (measured) = 0.585 mW/g



Z-Axis Scan



Date Tested: 10/22/2010

Body SAR - 802.11n - HT0 - 2442 MHz - Ch. 7 - AUX Antenna (Chain B) - "90° Portrait" Touch

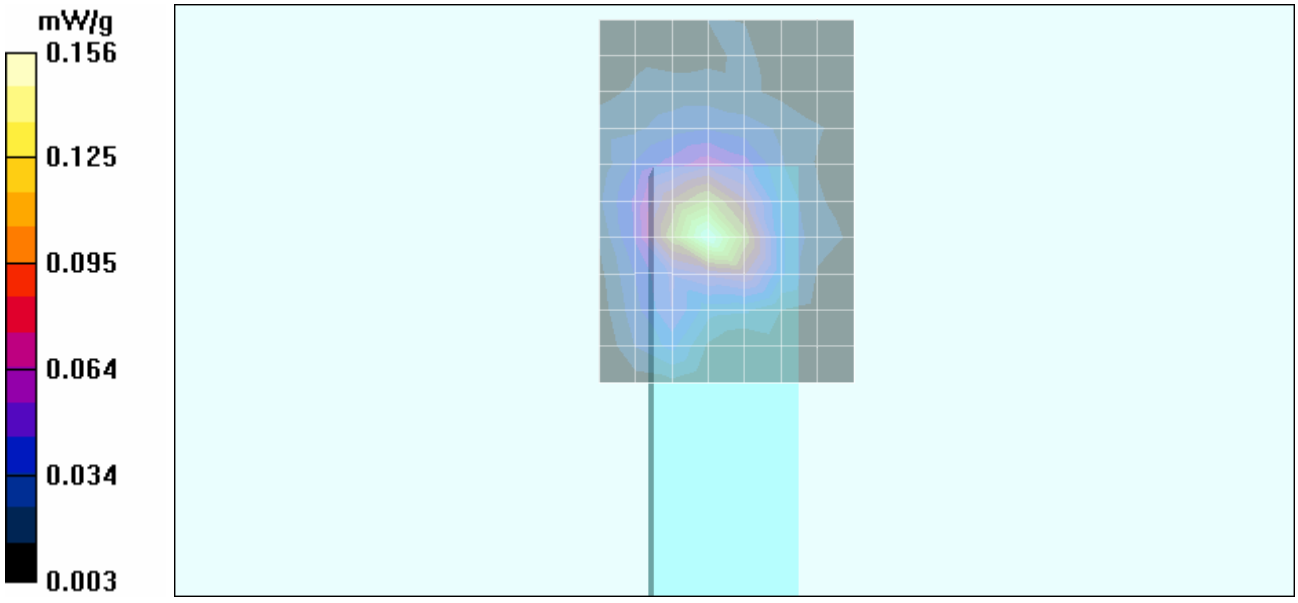
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 22.0°C; Fluid Temp: 22.8°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 2442 MHz; Channel: 7; Duty Cycle: 1:1.01
Medium: M2450 Medium parameters used (Interpolated): f = 2442 MHz; σ = 1.99 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(6.24, 6.24, 6.24); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - AUX Antenna Adjacent Edge of Tablet PC Touching Planar Phantom
Area Scan (11x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.159 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 8.90 V/m; Power Drift = 0.165 dB
Peak SAR (extrapolated) = 0.298 W/kg
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.156 mW/g



Date Tested: 10/19/2010

Body SAR - 802.11a - 6 Mbps - 5200 MHz - Ch. 40 - AUX Antenna (Chain B) - Bottom Side Touch

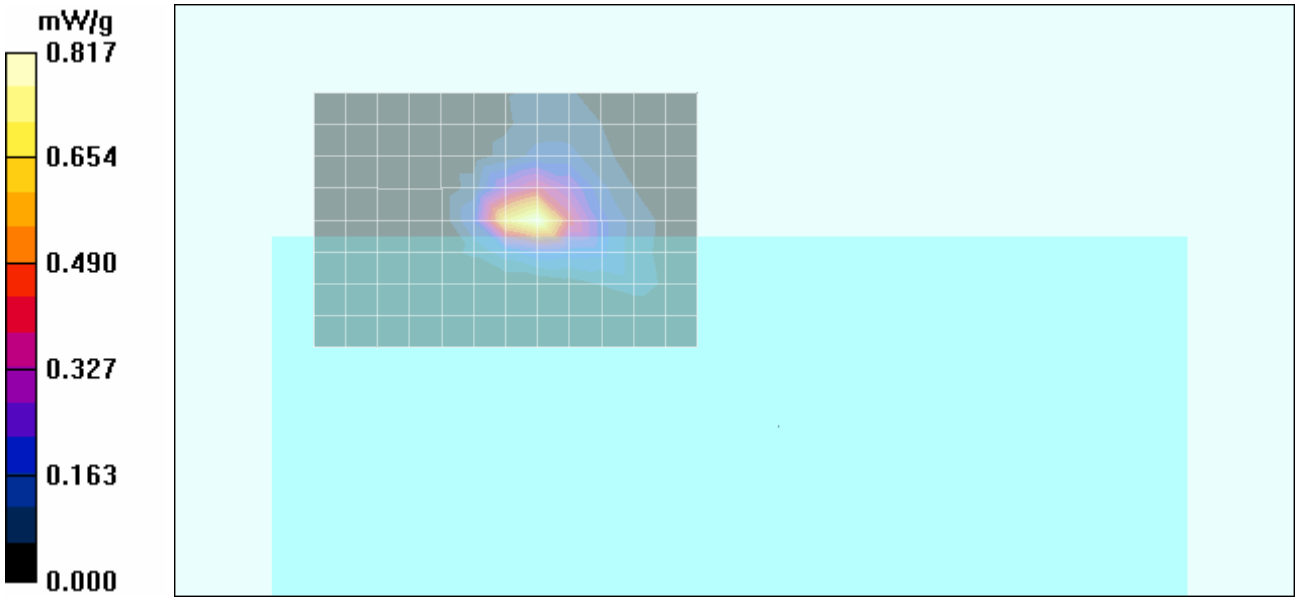
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 19.0°C; Fluid Temp: 21.2°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5200 MHz; Channel: 40; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5200 MHz; σ = 5.33 mho/m; ε_r = 49.3; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.808 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 13.1 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.817 mW/g



Date Tested: 10/19/2010

Body SAR - 802.11a - 6 Mbps - 5200 MHz - Ch. 40 - MAIN Antenna (Chain A) - Bottom Side Touch

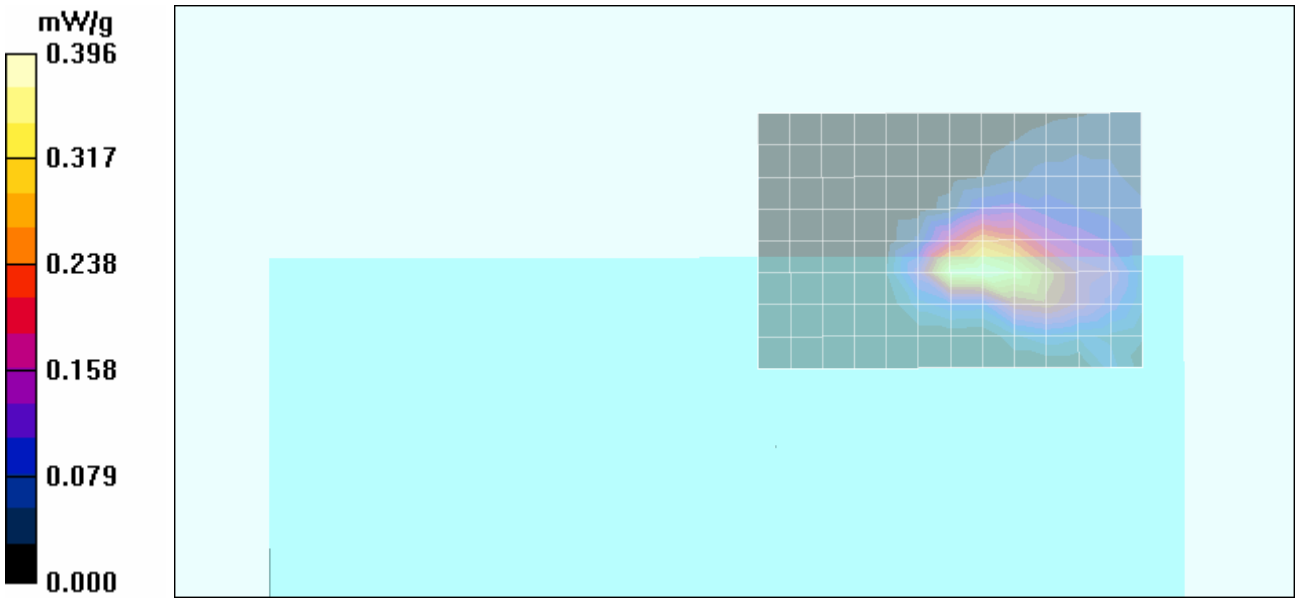
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 19.0°C; Fluid Temp: 21.2°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5200 MHz; Channel: 40; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5200 MHz; σ = 5.33 mho/m; ε_r = 49.3; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.373 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 8.86 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.396 mW/g



Date Tested: 10/19/2010

Body SAR - 802.11a - 6 Mbps - 5200 MHz - Ch. 40 - AUX Antenna (Chain B) - "90° Portrait" Touch

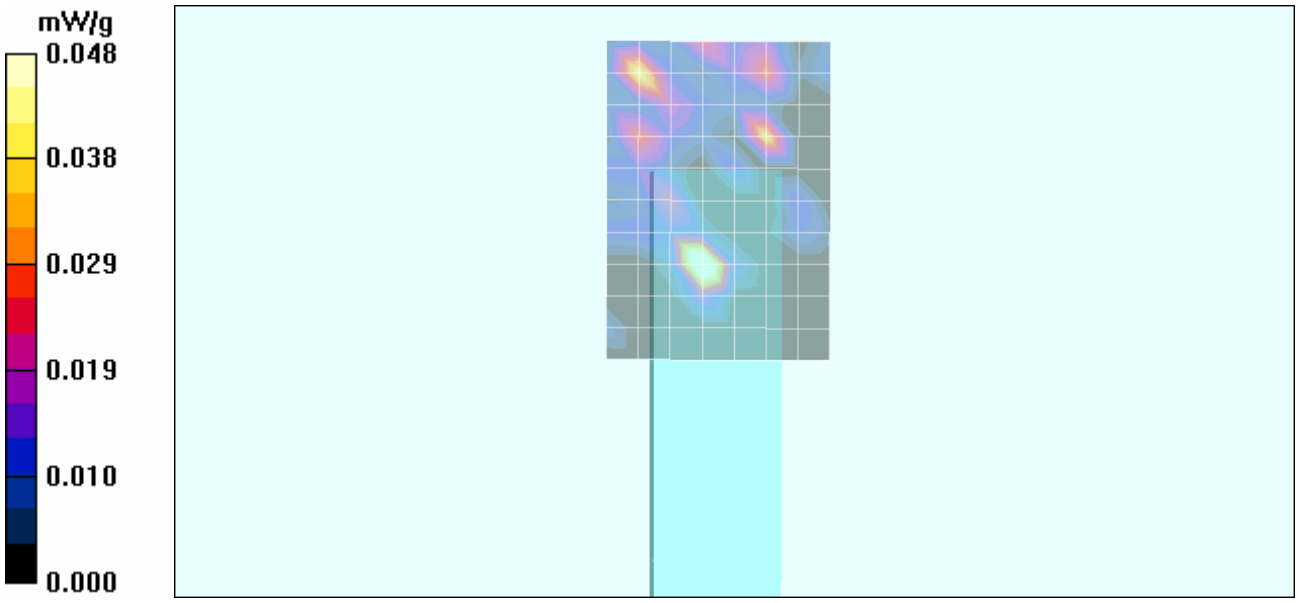
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 19.0°C; Fluid Temp: 21.2°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5200 MHz; Channel: 40; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5200 MHz; σ = 5.33 mho/m; ε_r = 49.3; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - AUX Antenna Adjacent Edge of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.066 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 2.82 V/m; Power Drift = 1.97 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.0039 mW/g
Maximum value of SAR (measured) = 0.048 mW/g



Date Tested: 10/19/2010

Body SAR - 802.11n - HT0 - 5200 MHz - Ch. 40 - AUX Antenna (Chain B) - Bottom Side Touch

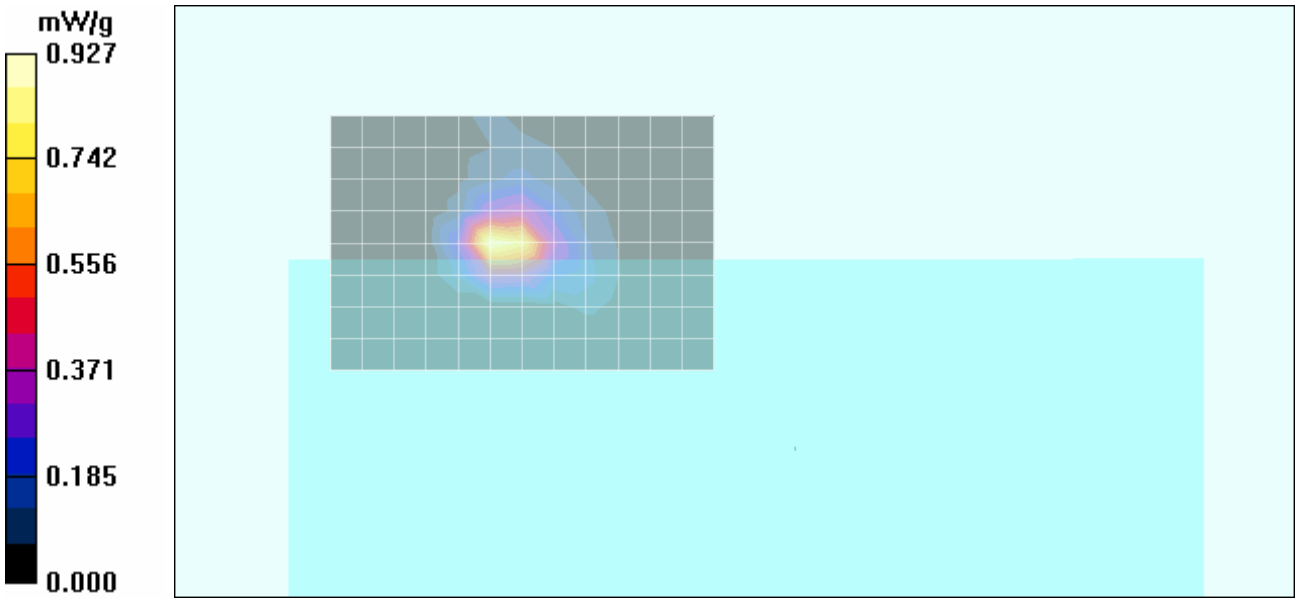
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 19.0°C; Fluid Temp: 21.2°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

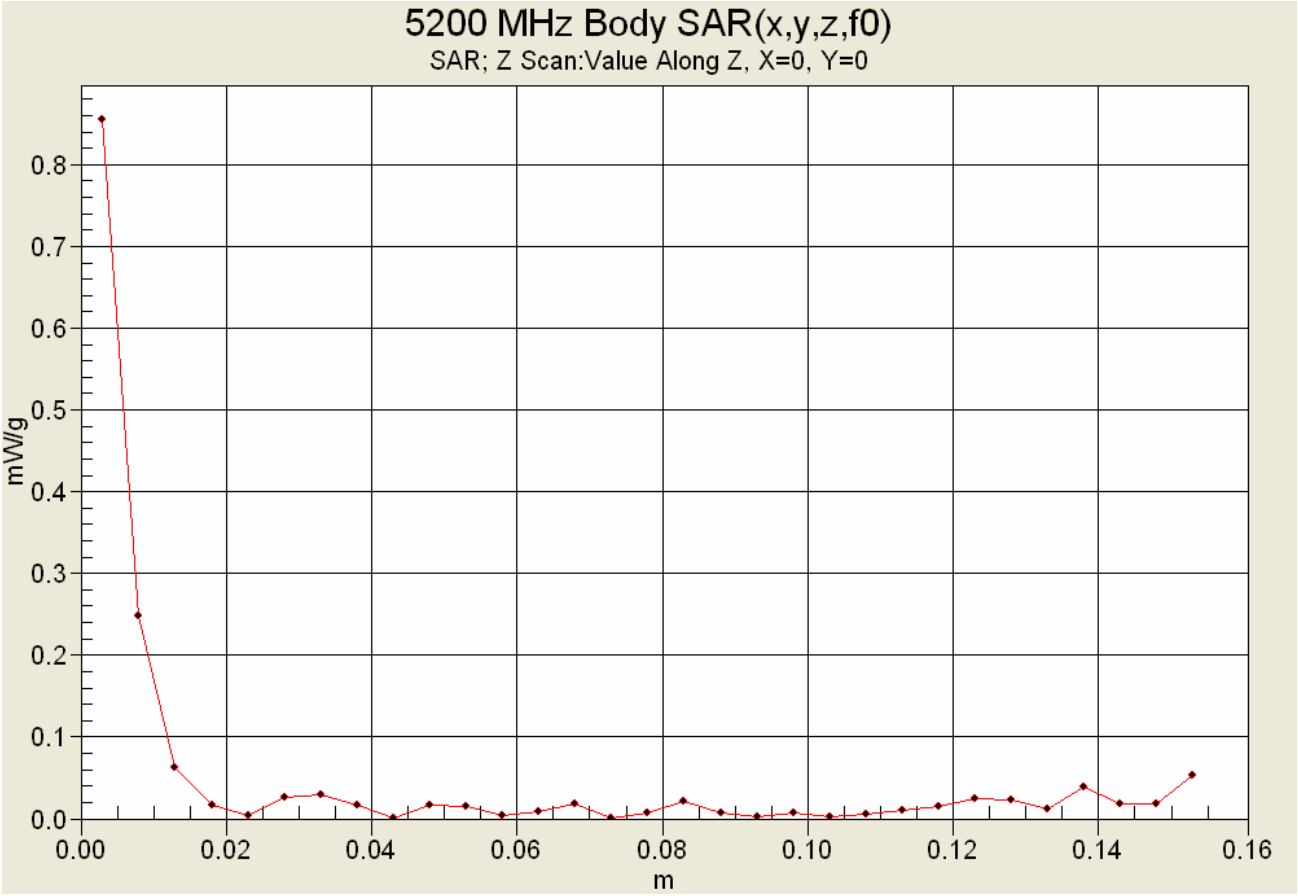
Communication System: OFDM WLAN
Frequency: 5200 MHz; Channel: 40; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5200 MHz; σ = 5.33 mho/m; ε_r = 49.3; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.877 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 13.5 V/m; Power Drift = -0.219 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.927 mW/g



Z-Axis Scan



Date Tested: 10/19/2010

Body SAR - 802.11n - HT0 - 5200 MHz - Ch. 40 - MAIN Antenna (Chain A) - Bottom Side Touch

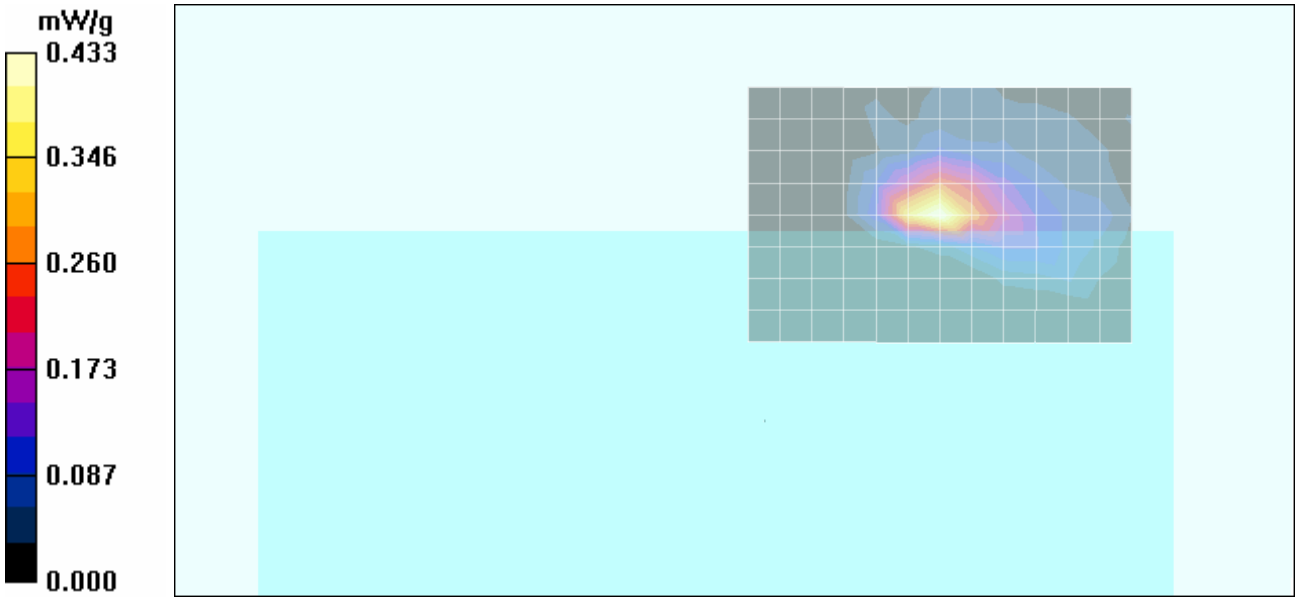
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 19.0°C; Fluid Temp: 21.2°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5200 MHz; Channel: 40; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5200 MHz; σ = 5.33 mho/m; ε_r = 49.3; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.444 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 9.51 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.433 mW/g



Date Tested: 10/19/2010

Body SAR - 802.11n - HT0 - 5200 MHz - Ch. 40 - AUX Antenna (Chain B) - "90° Portrait" Touch

DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

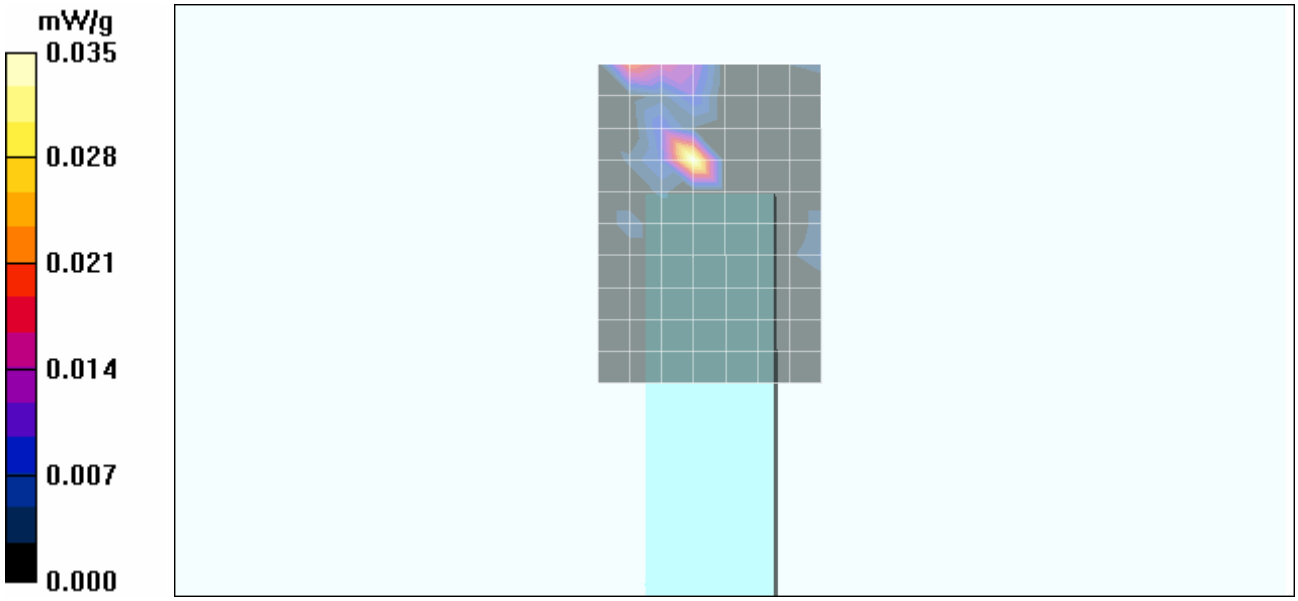
Ambient Temp: 19.0°C; Fluid Temp: 21.2°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5200 MHz; Channel: 40; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5200 MHz; σ = 5.33 mho/m; ε_r = 49.3; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - AUX Antenna Adjacent Edge of Tablet PC Touching Planar Phantom

Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.035 mW/g



Date Tested: 10/19/2010

Body SAR - 802.11a - 6 Mbps - 5300 MHz - Ch. 60 - AUX Antenna (Chain B) - Bottom Side Touch

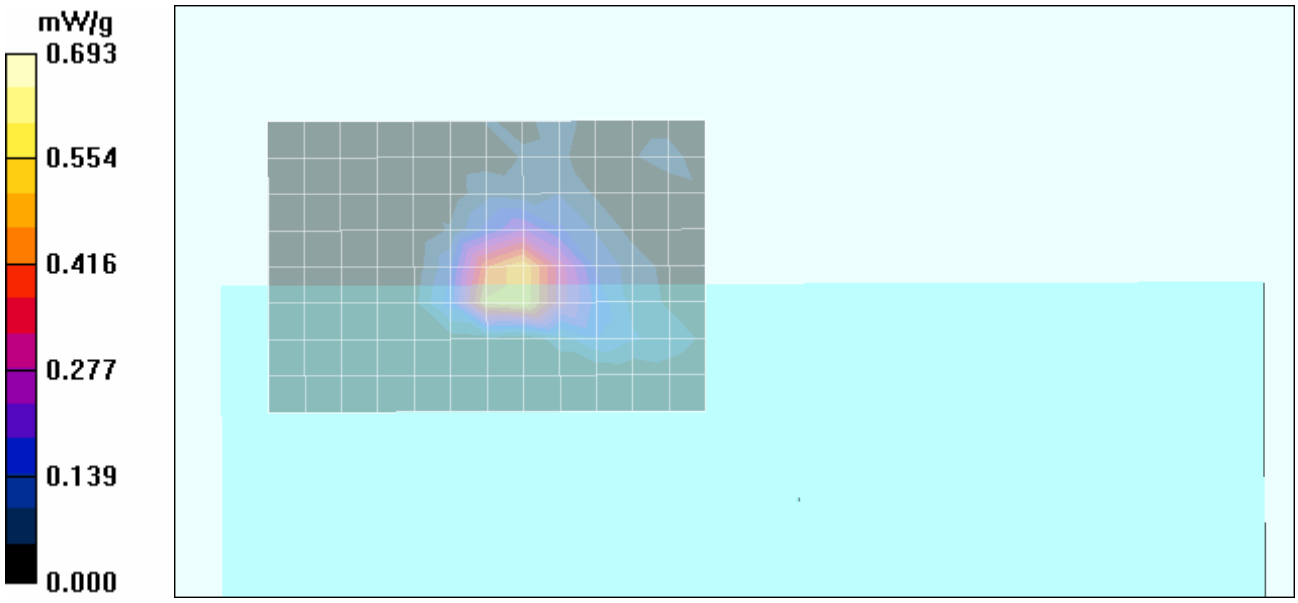
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 19.0°C; Fluid Temp: 21.2°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5300 MHz; Channel: 60; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5300 MHz; σ = 5.32 mho/m; ε_r = 49; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.508 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 10.3 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.693 mW/g



Date Tested: 10/19/2010

Body SAR - 802.11a - 6 Mbps - 5300 MHz - Ch. 60 - MAIN Antenna (Chain A) - Bottom Side Touch

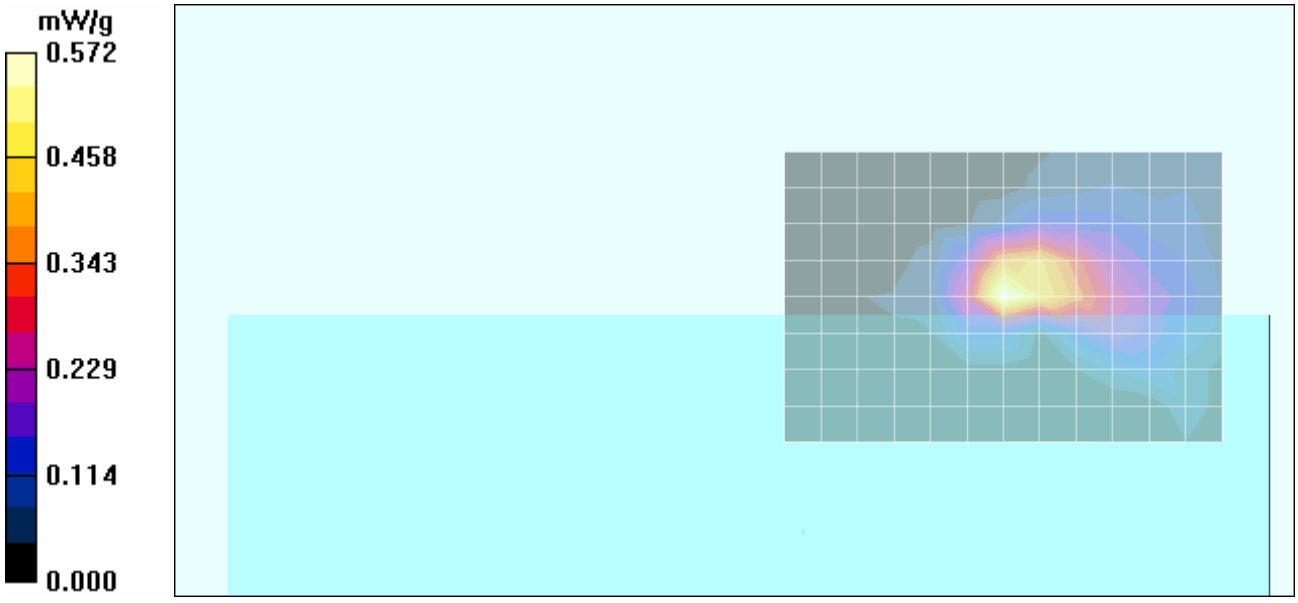
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 19.0°C; Fluid Temp: 21.2°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5300 MHz; Channel: 60; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5300 MHz; σ = 5.32 mho/m; ε_r = 49; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.571 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 10.6 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.934 W/kg
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 0.572 mW/g



Date Tested: 10/19/2010

Body SAR - 802.11a - 6 Mbps - 5300 MHz - Ch. 60 - AUX Antenna (Chain B) - "90° Portrait" Touch

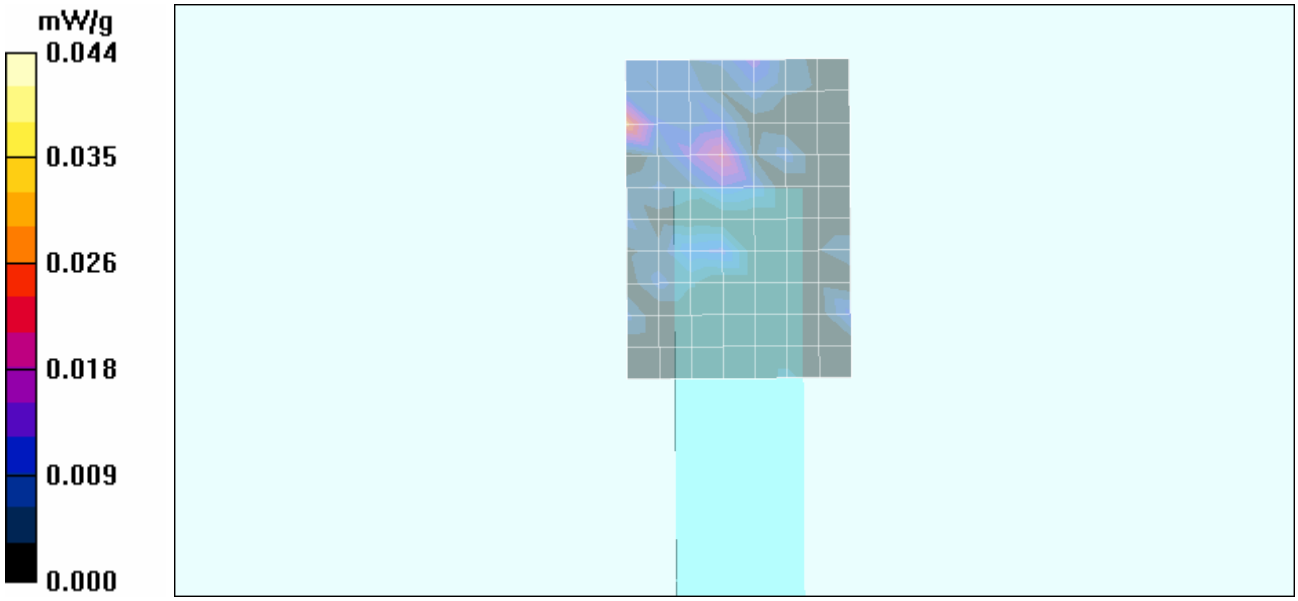
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 19.0°C; Fluid Temp: 21.2°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5300 MHz; Channel: 60; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5300 MHz; σ = 5.32 mho/m; ε_r = 49; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - AUX Antenna Adjacent Edge of Tablet PC Touching Planar Phantom
Area Scan (11x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.029 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 2.002 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.049 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00518 mW/g
Maximum value of SAR (measured) = 0.044 mW/g



Date Tested: 10/21/2010

Body SAR - 802.11n - HT0 - 5300 MHz - Ch. 60 - AUX Antenna (Chain B) - Bottom Side Touch

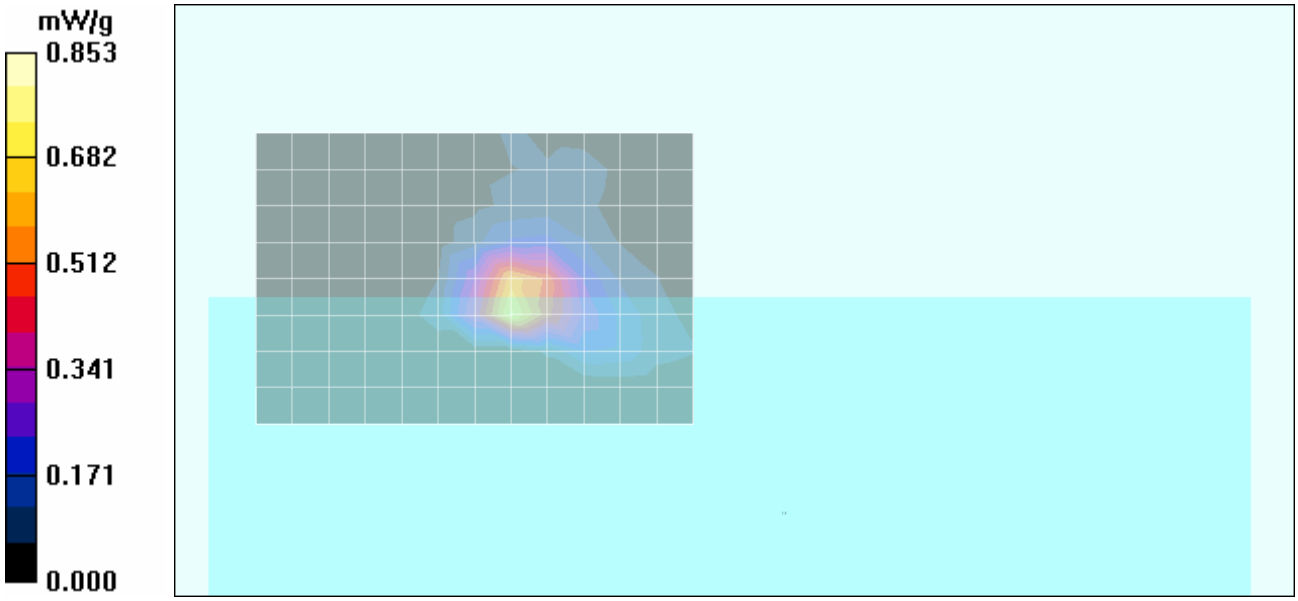
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 21.0°C; Fluid Temp: 20.8°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5300 MHz; Channel: 60; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5300 MHz; σ = 5.34 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.702 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 11.9 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 0.853 mW/g



Date Tested: 10/21/2010

Body SAR - 802.11n - HT0 - 5300 MHz - Ch. 60 - MAIN Antenna (Chain A) - Bottom Side Touch

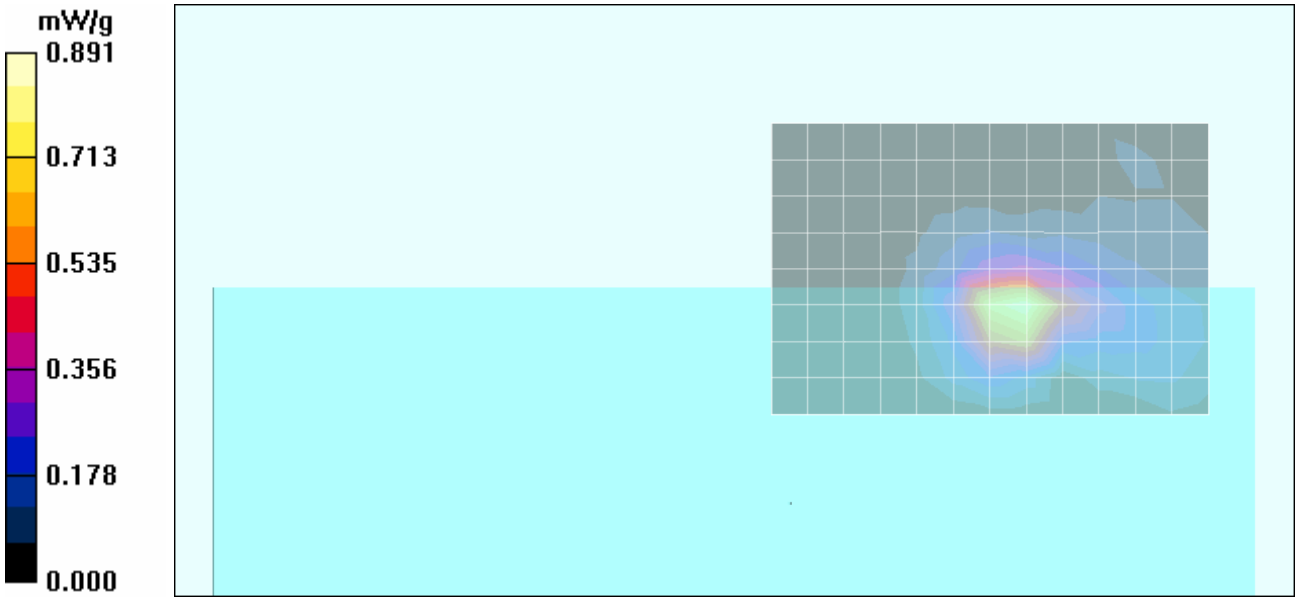
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 21.0°C; Fluid Temp: 20.8°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

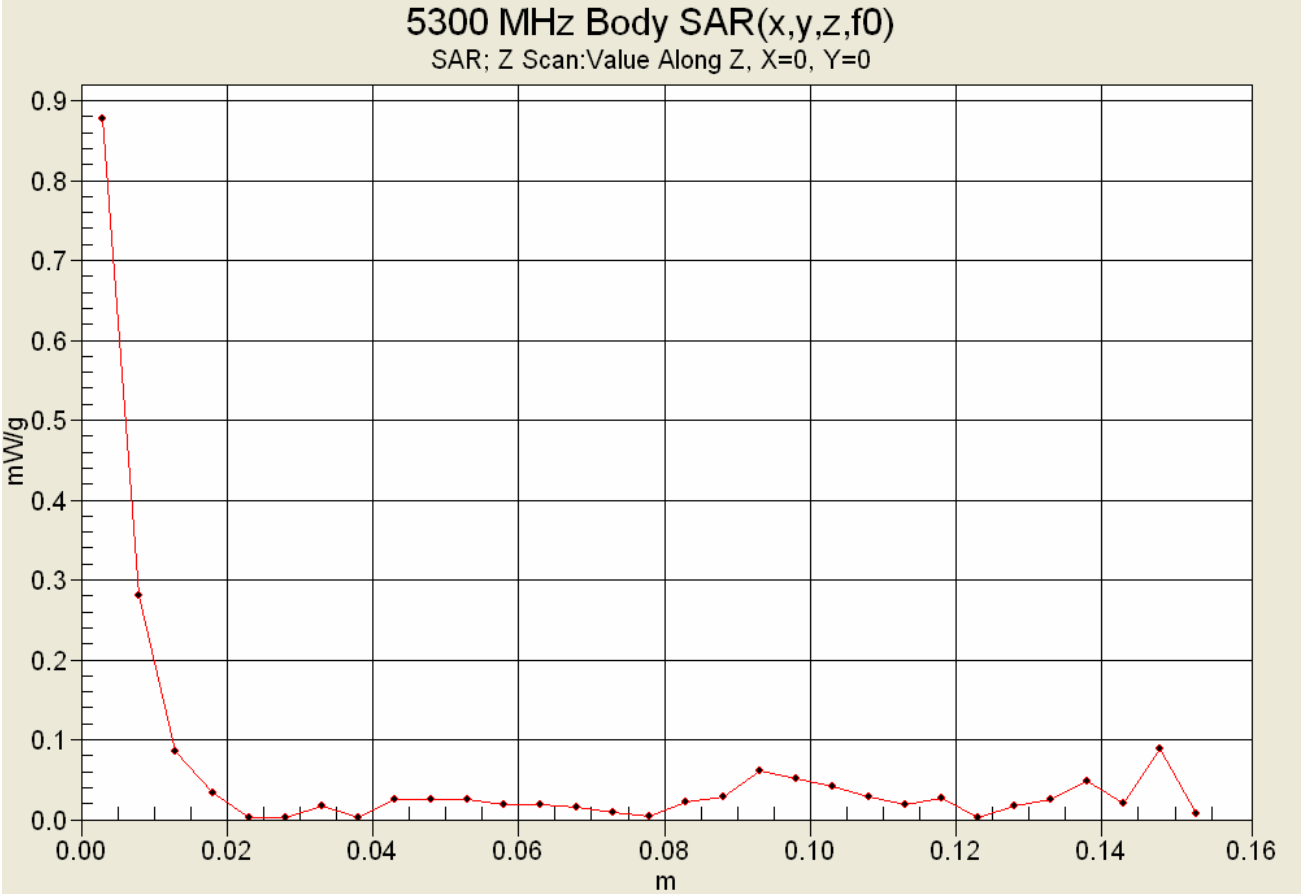
Communication System: OFDM WLAN
Frequency: 5300 MHz; Channel: 60; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5300 MHz; σ = 5.34 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.832 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 13.2 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.231 mW/g
Maximum value of SAR (measured) = 0.891 mW/g



Z-Axis Scan



Date Tested: 10/21/2010

Body SAR - 802.11n - HT0 - 5300 MHz - Ch. 60 - AUX Antenna (Chain B) - "90° Portrait" Touch

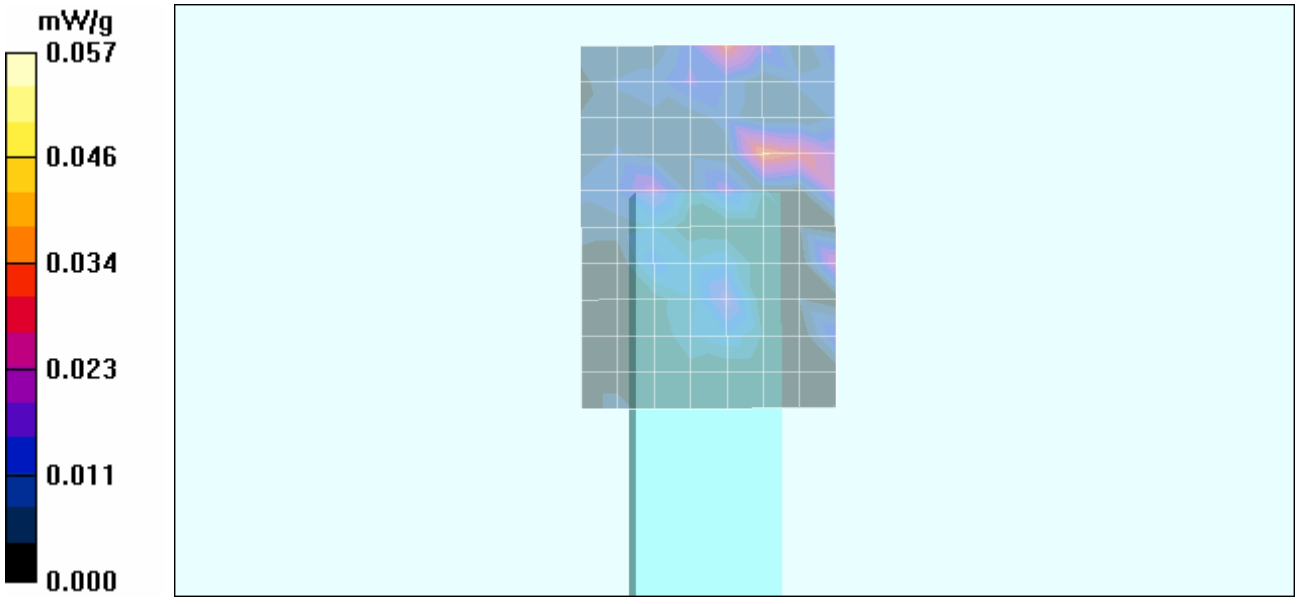
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 21.0°C; Fluid Temp: 20.8°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5300 MHz; Channel: 60; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5300 MHz; σ = 5.34 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - AUX Antenna Adjacent Edge of Tablet PC Touching Planar Phantom
Area Scan (11x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.036 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 0.579 V/m; Power Drift = 3.43 dB
Peak SAR (extrapolated) = 0.057 W/kg
SAR(1 g) = 0.00264 mW/g; SAR(10 g) = 0.000938 mW/g
Maximum value of SAR (measured) = 0.057 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11a - 6 Mbps - 5600 MHz - Ch. 120 - AUX Antenna (Chain B) - Bottom Side Touch

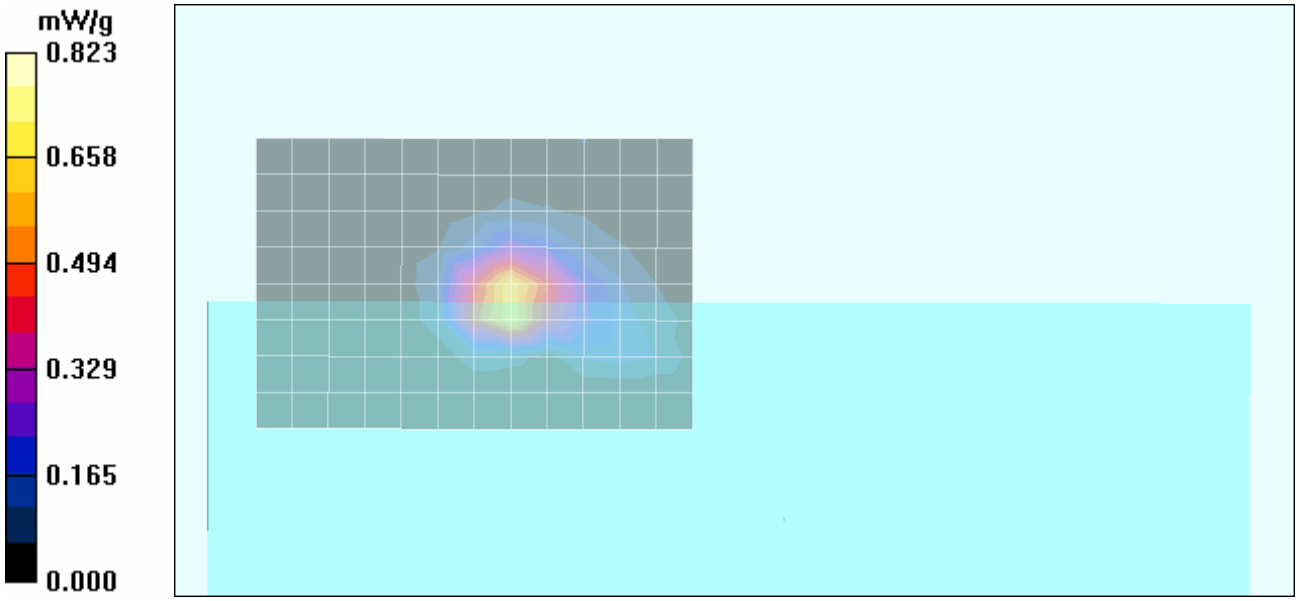
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5600 MHz; Channel: 120; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5600 MHz; σ = 5.78 mho/m; ε_r = 48.7; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.663 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 11.3 V/m; Power Drift = -0.177 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 0.823 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11a - 6 Mbps - 5500 MHz - Ch. 100 - AUX Antenna (Chain B) - Bottom Side Touch

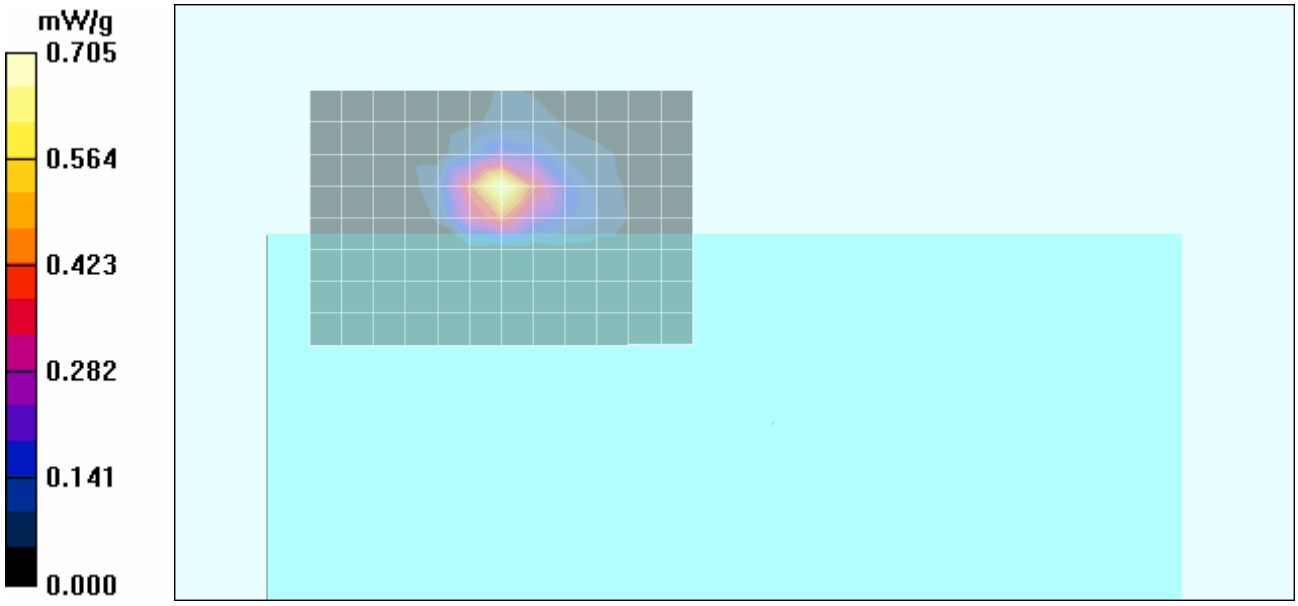
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5500 MHz; Channel: 100; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5500 MHz; σ = 5.57 mho/m; ε_r = 48.8; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.683 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 11.7 V/m; Power Drift = -0.192 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.705 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11a - 6 Mbps - 5700 MHz - Ch. 140 - AUX Antenna (Chain B) - Bottom Side Touch

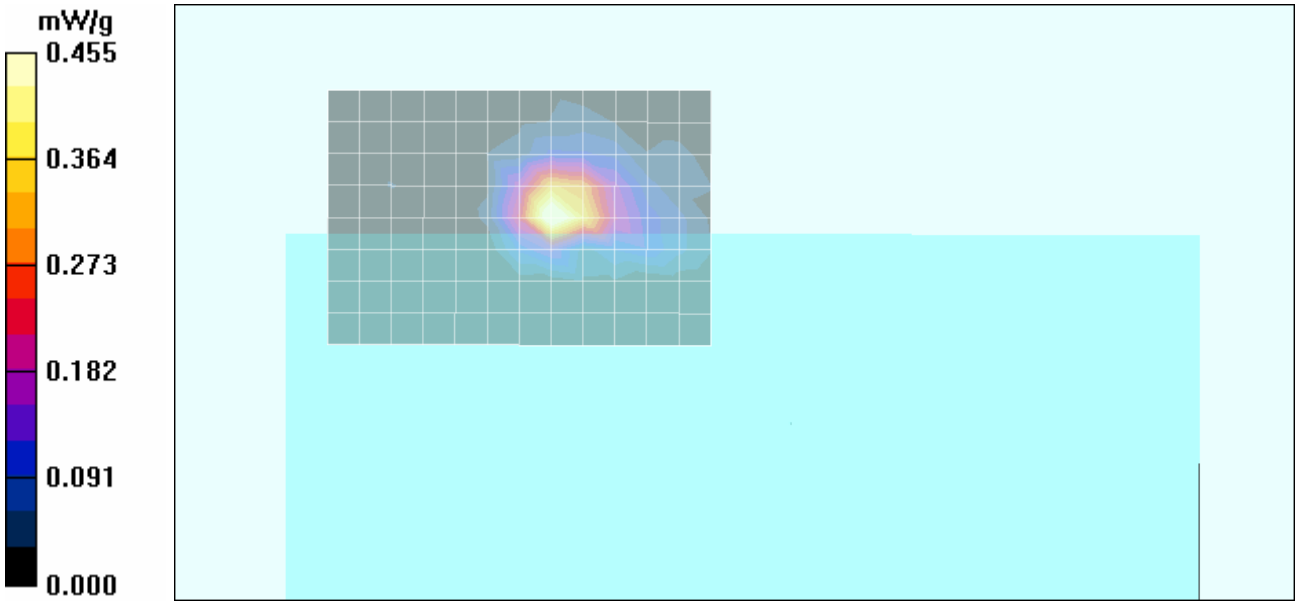
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5700 MHz; Channel: 140; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5700 MHz; σ = 5.97 mho/m; ε_r = 48.7; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.511 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 9.25 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 0.905 W/kg
SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.455 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11a - 6 Mbps - 5600 MHz - Ch. 120 - MAIN Antenna (Chain A) - Bottom Side Touch

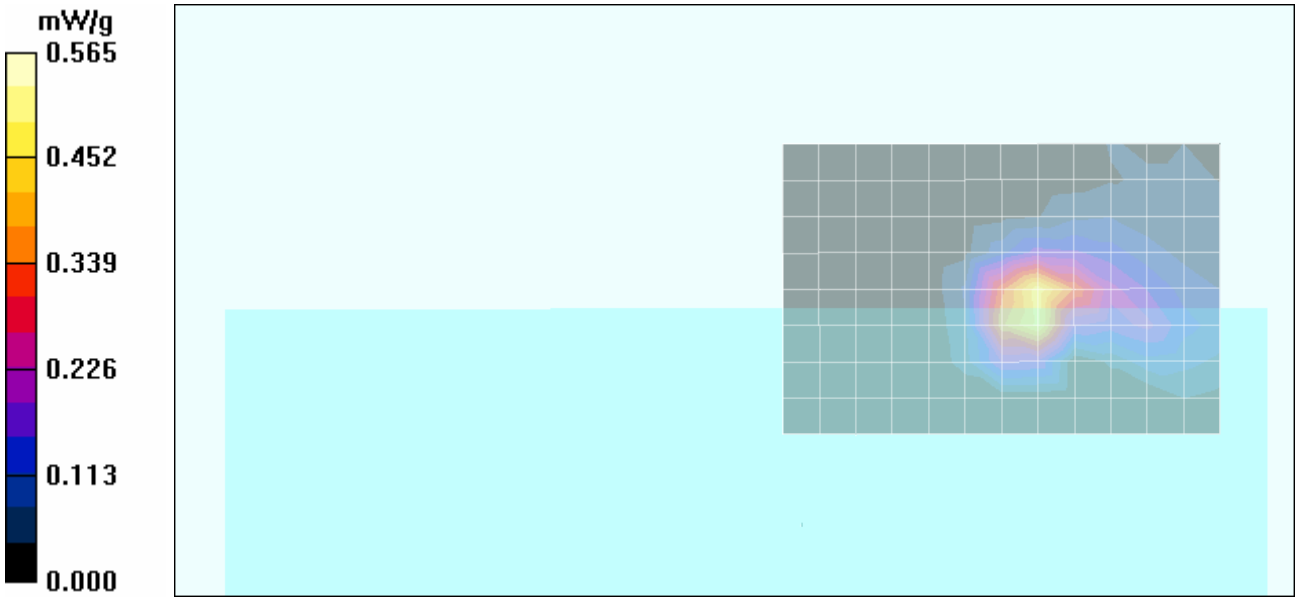
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5600 MHz; Channel: 120; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5600 MHz; σ = 5.78 mho/m; ε_r = 48.7; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.482 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 9.57 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.106 mW/g
Maximum value of SAR (measured) = 0.565 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11a - 6 Mbps - 5600 MHz - Ch. 120 - AUX Antenna (Chain B) - "90° Portrait" Touch

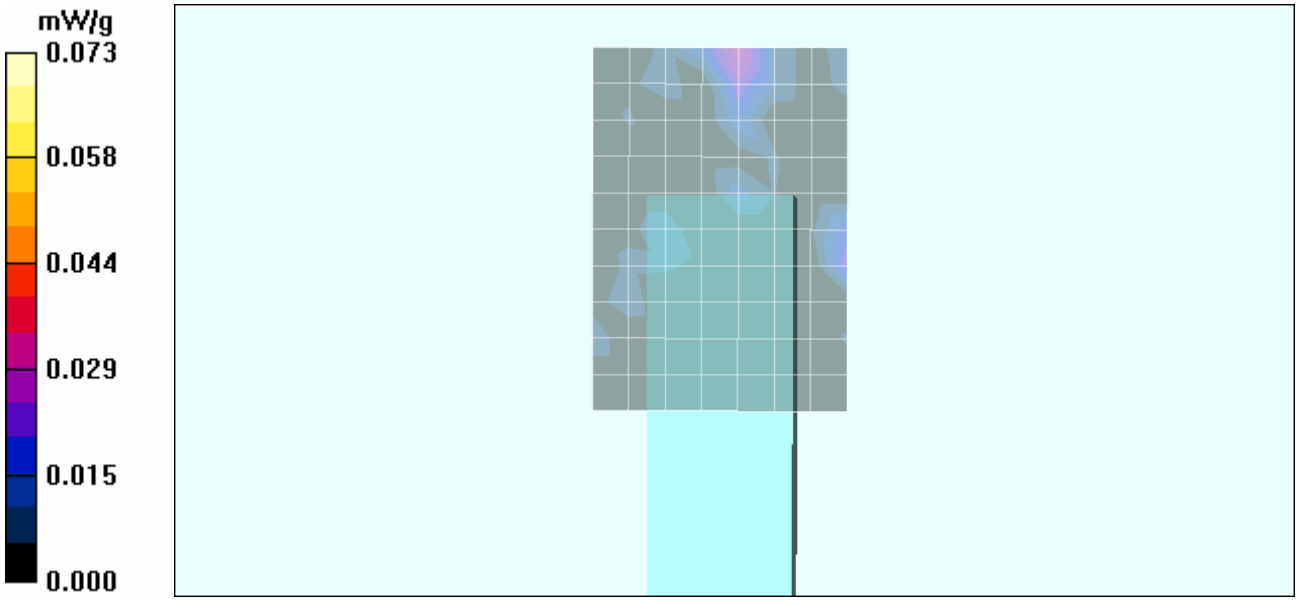
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5600 MHz; Channel: 120; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5600 MHz; σ = 5.78 mho/m; ε_r = 48.7; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - AUX Antenna Adjacent Edge of Tablet PC Touching Planar Phantom
Area Scan (11x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.033 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 1.00 V/m; Power Drift = 0.636 dB
Peak SAR (extrapolated) = 0.073 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00873 mW/g
Maximum value of SAR (measured) = 0.073 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11n - HT0 - 5600 MHz - Ch. 120 - AUX Antenna (Chain B) - Bottom Side Touch

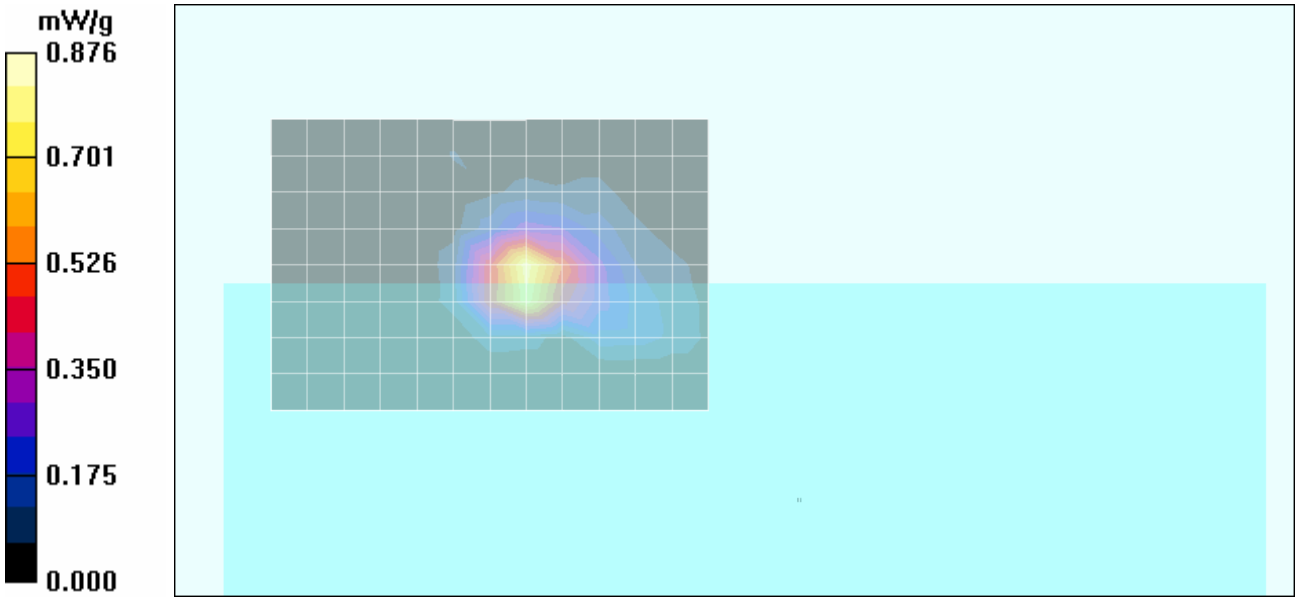
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

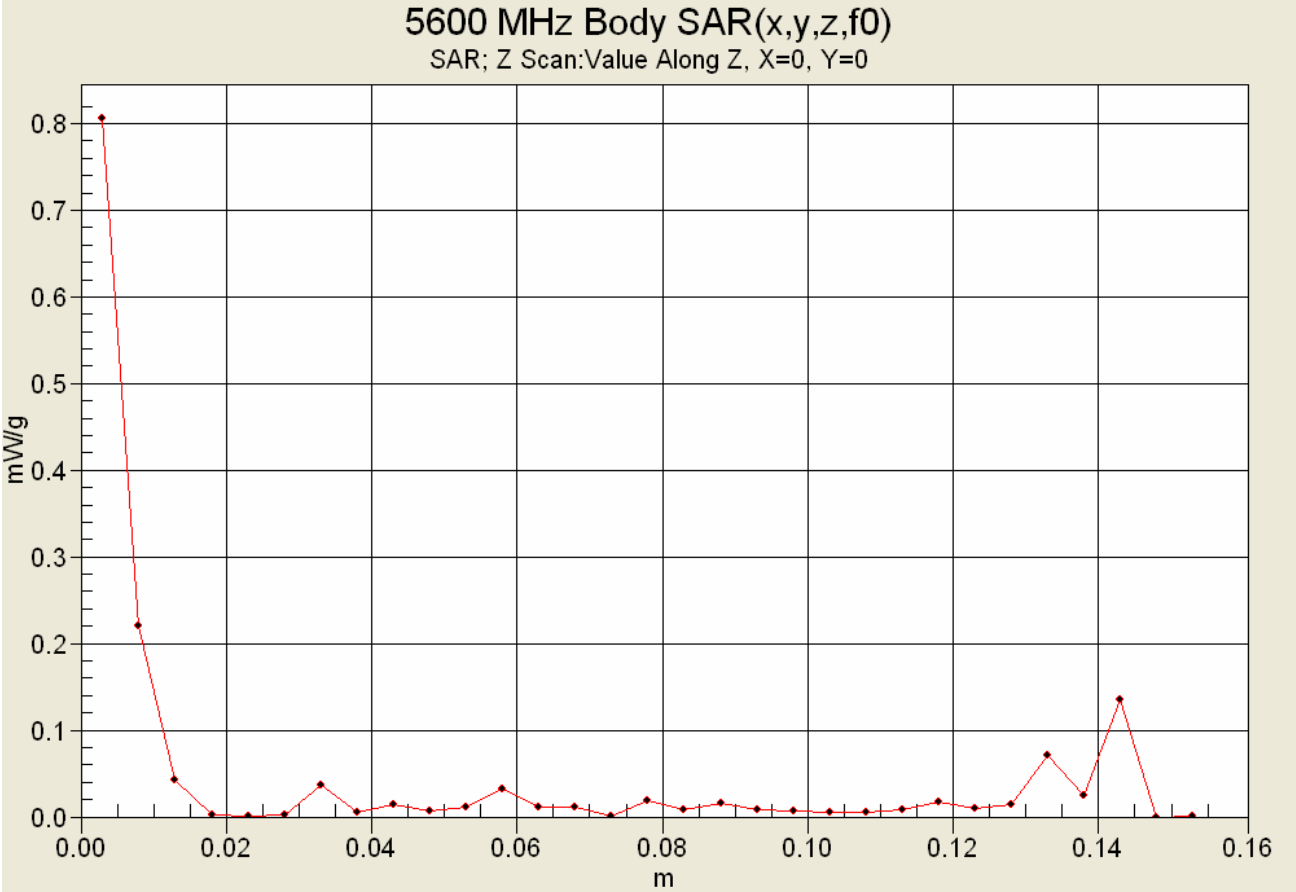
Communication System: OFDM WLAN
Frequency: 5600 MHz; Channel: 120; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5600 MHz; σ = 5.78 mho/m; ε_r = 48.7; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.802 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 12.4 V/m; Power Drift = -0.191 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.211 mW/g
Maximum value of SAR (measured) = 0.876 mW/g



Z-Axis Scan



Date Tested: 10/20/2010

Body SAR - 802.11n – HT0 - 5500 MHz - Ch. 100 - AUX Antenna (Chain B) - Bottom Side Touch

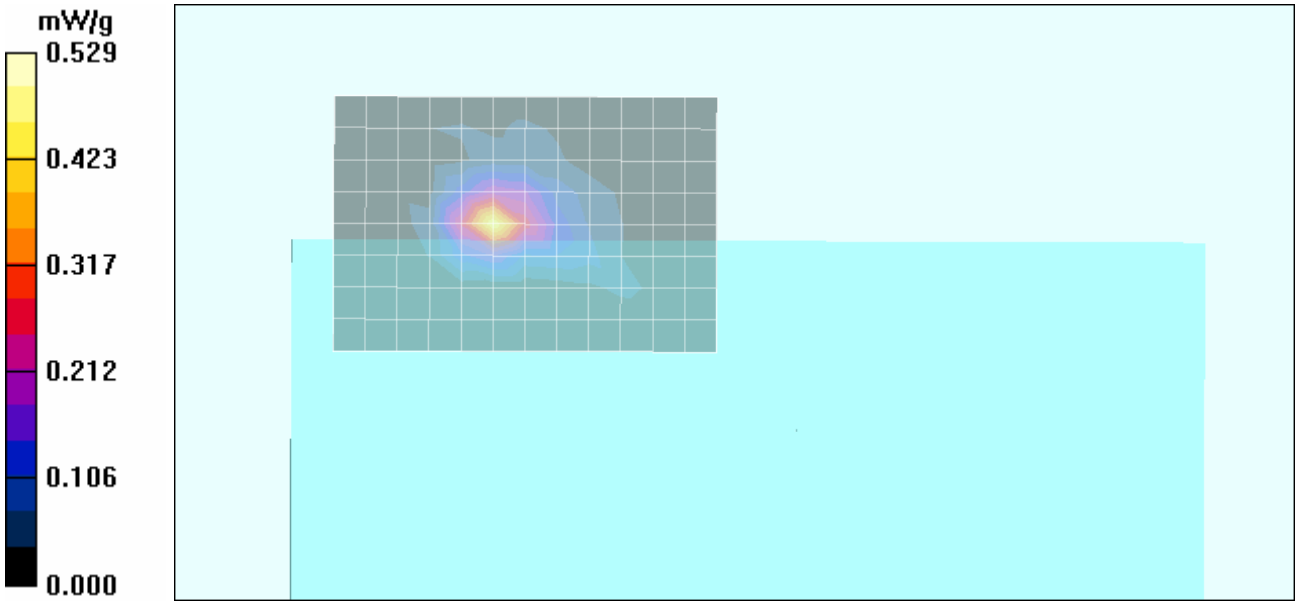
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5500 MHz; Channel: 100; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5500 MHz; σ = 5.57 mho/m; ε_r = 48.8; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.469 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 9.71 V/m; Power Drift = 0.005 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.529 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11n – HT0 - 5700 MHz - Ch. 140 - AUX Antenna (Chain B) - Bottom Side Touch

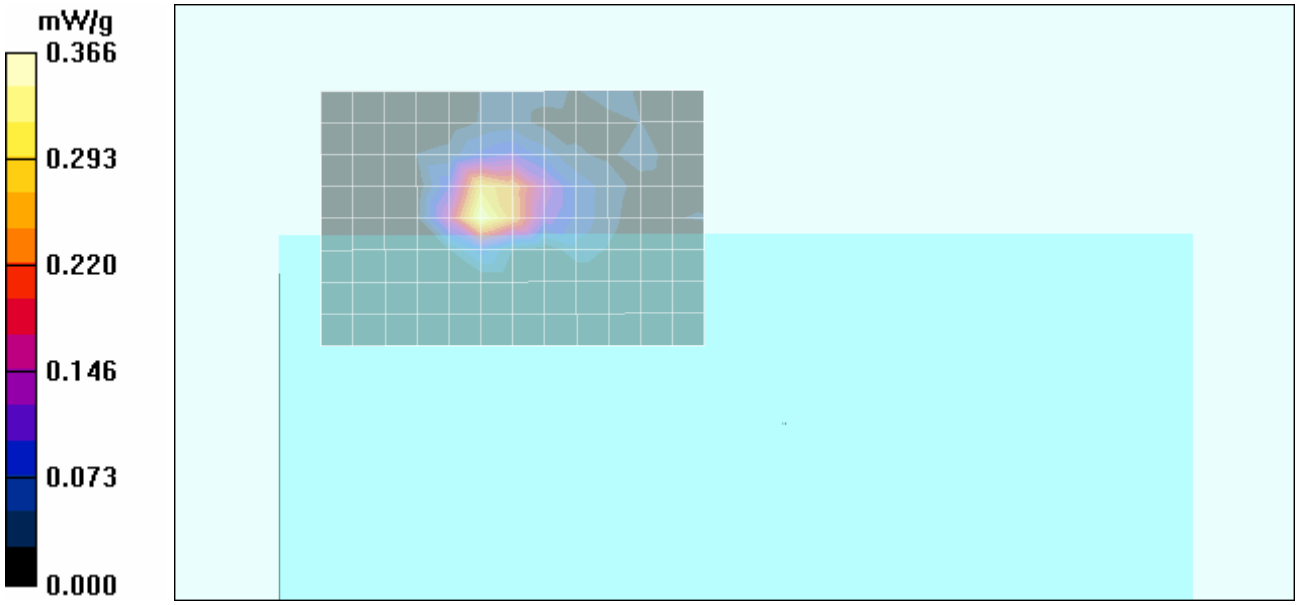
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5700 MHz; Channel: 140; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5700 MHz; σ = 5.97 mho/m; ε_r = 48.7; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.344 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 7.55 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.761 W/kg
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.366 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11n - HT0 - 5600 MHz - Ch. 120 - MAIN Antenna (Chain A) - Bottom Side Touch

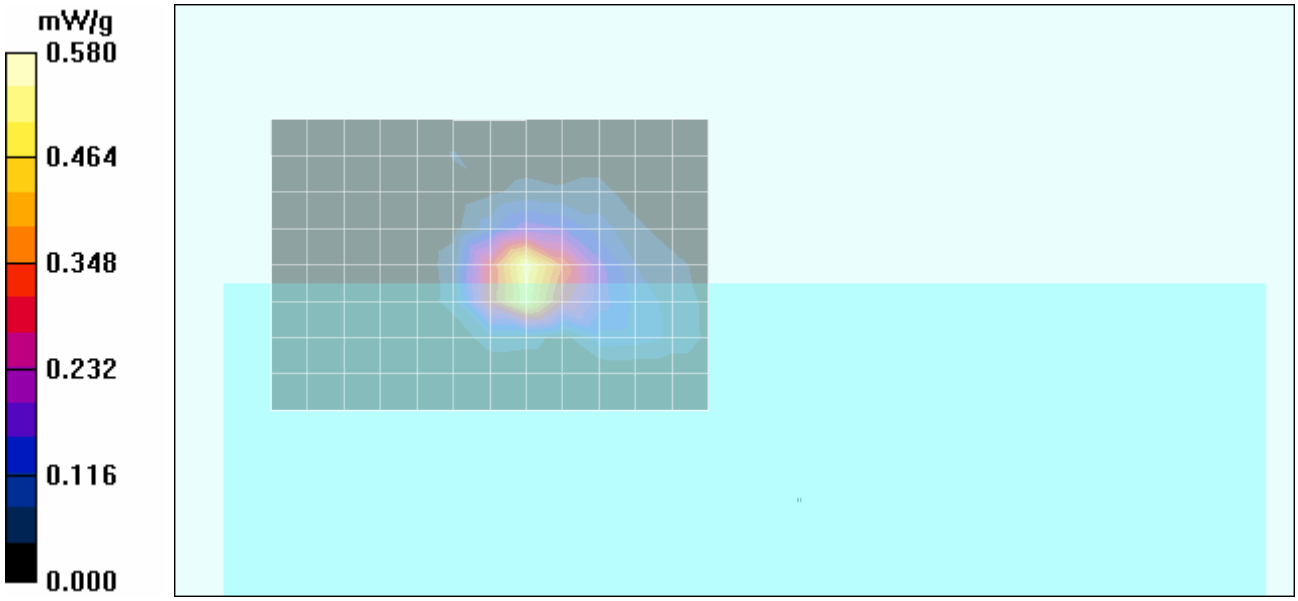
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5600 MHz; Channel: 120; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5600 MHz; σ = 5.78 mho/m; ε_r = 48.7; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.570 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 10.8 V/m; Power Drift = 0.216 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.580 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11a – 6 Mbps - 5500 MHz - Ch. 100 - MAIN Antenna (Chain A) - Bottom Side Touch

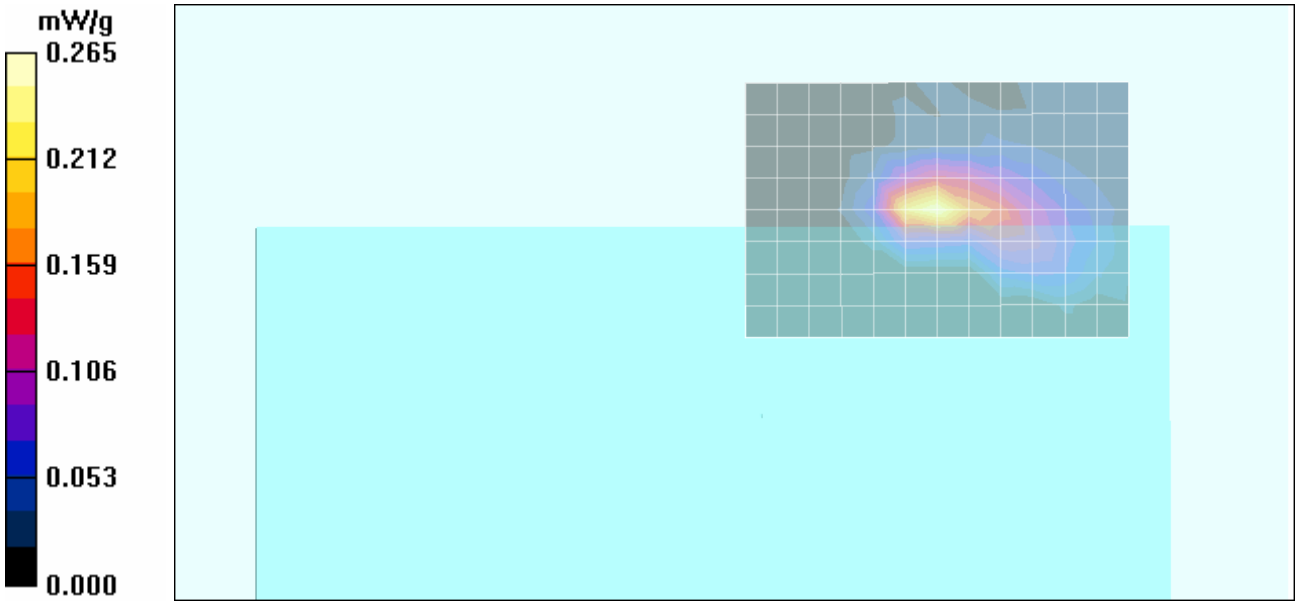
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5500 MHz; Channel: 100; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5500 MHz; σ = 5.57 mho/m; ε_r = 48.8; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.253 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 7.21 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.265 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11a – 6 Mbps - 5700 MHz - Ch. 140 - MAIN Antenna (Chain A) - Bottom Side Touch

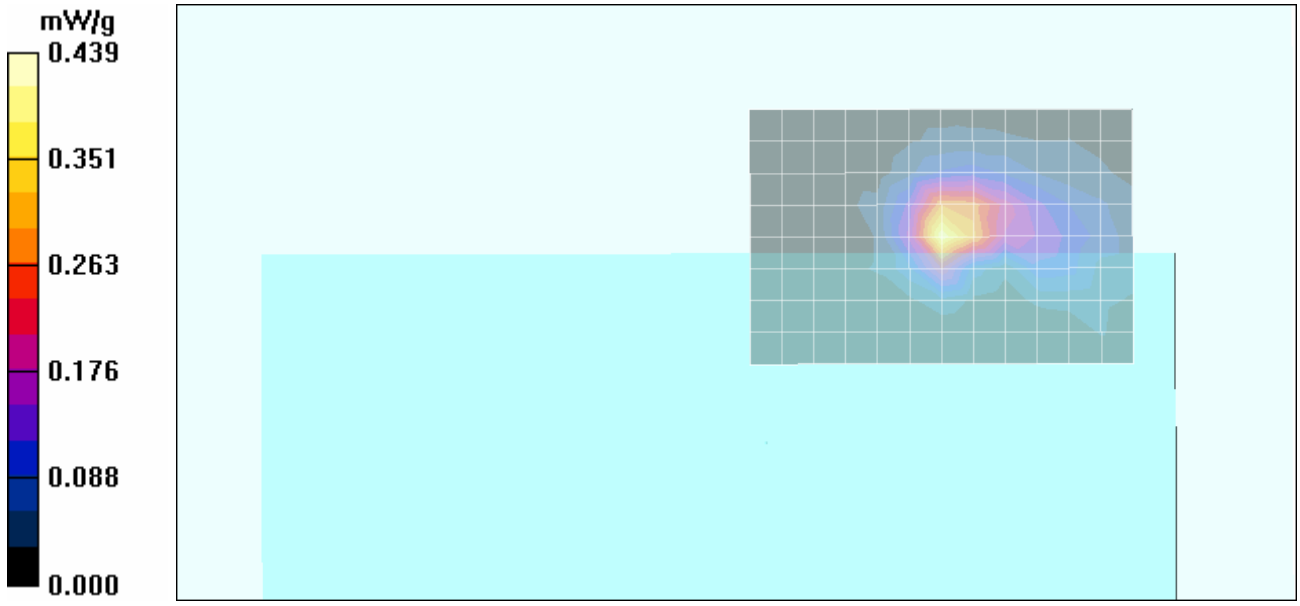
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5700 MHz; Channel: 140; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5700 MHz; σ = 5.97 mho/m; ε_r = 48.7; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.406 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 8.95 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.824 W/kg
SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.439 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11n - HT0 - 5600 MHz - Ch. 120 - AUX Antenna (Chain B) - "90° Portrait" Touch

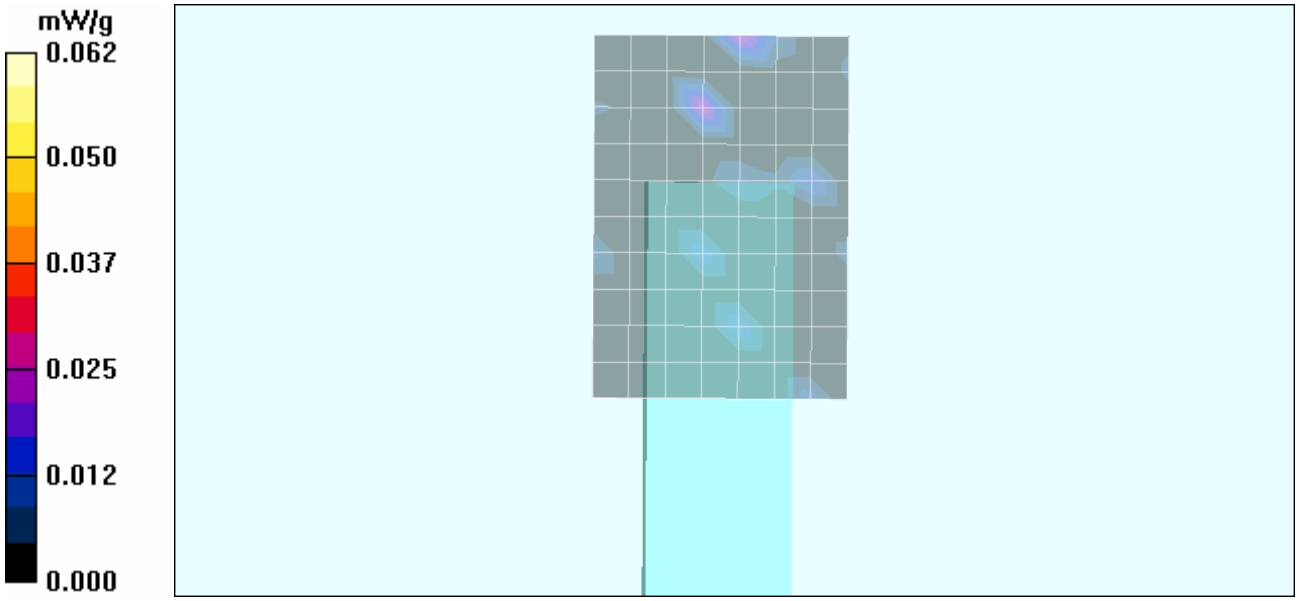
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5600 MHz; Channel: 120; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used: f = 5600 MHz; σ = 5.78 mho/m; ε_r = 48.7; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - AUX Antenna Adjacent Edge of Tablet PC Touching Planar Phantom
Area Scan (11x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.025 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 1.02 V/m; Power Drift = 2.34 dB
Peak SAR (extrapolated) = 0.086 W/kg
SAR(1 g) = 0.00392 mW/g; SAR(10 g) = 0.00134 mW/g
Maximum value of SAR (measured) = 0.062 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11a - 6 Mbps - 5785 MHz - Ch. 157 - AUX Antenna (Chain B) - Bottom Side Touch

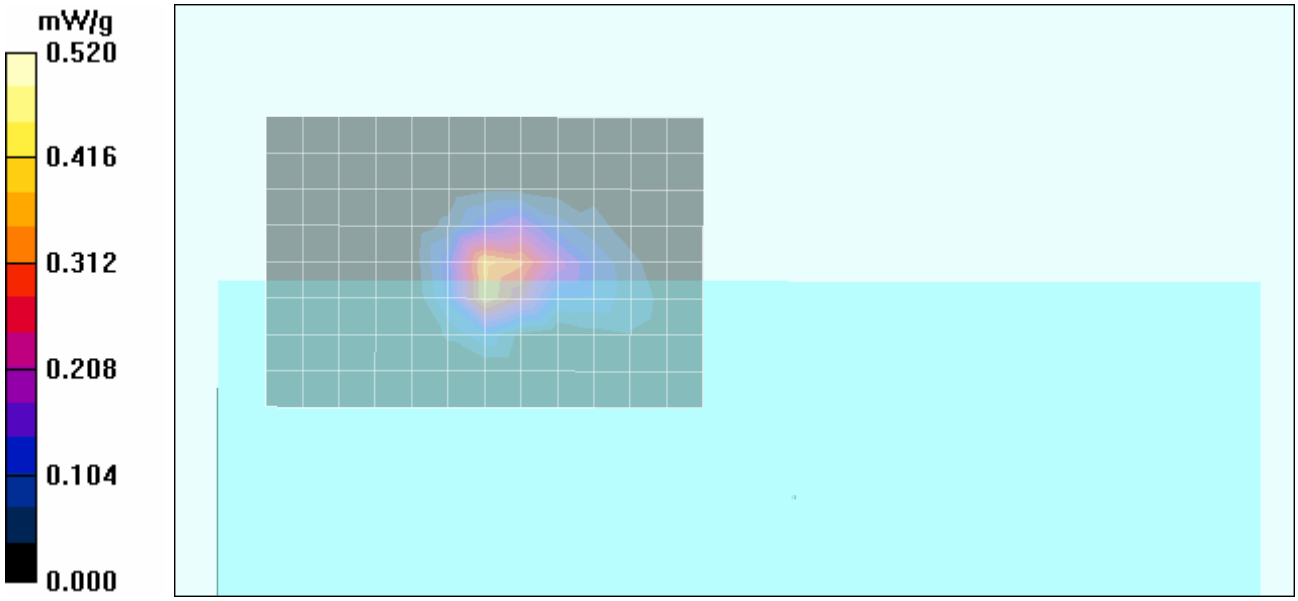
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5785 MHz; Channel: 157; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used (interpolated): f = 5785 MHz; σ = 6.06 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.360 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 8.39 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 0.794 W/kg
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.520 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11a - 6 Mbps - 5785 MHz - Ch. 157 - MAIN Antenna (Chain A) - Bottom Side Touch

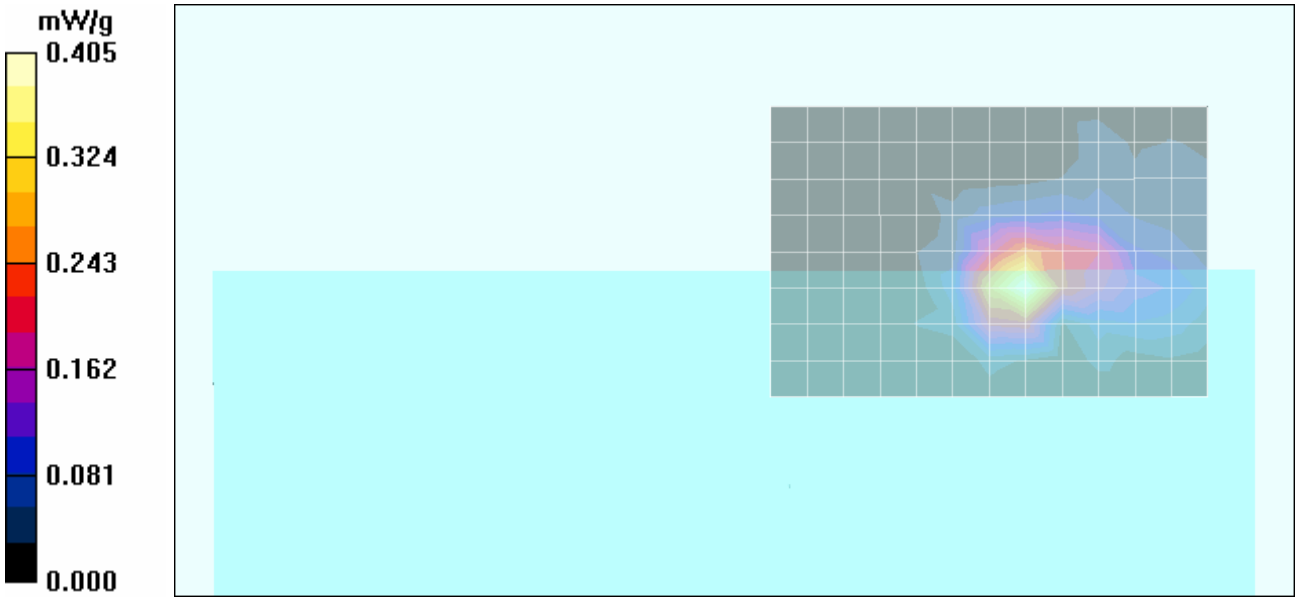
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5785 MHz; Channel: 157; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used (interpolated): f = 5785 MHz; σ = 6.06 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.417 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 8.28 V/m; Power Drift = -0.191 dB
Peak SAR (extrapolated) = 0.789 W/kg
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.405 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11a - 6 Mbps - 5785 MHz - Ch. 157 - AUX Antenna (Chain B) - "90° Portrait" Touch

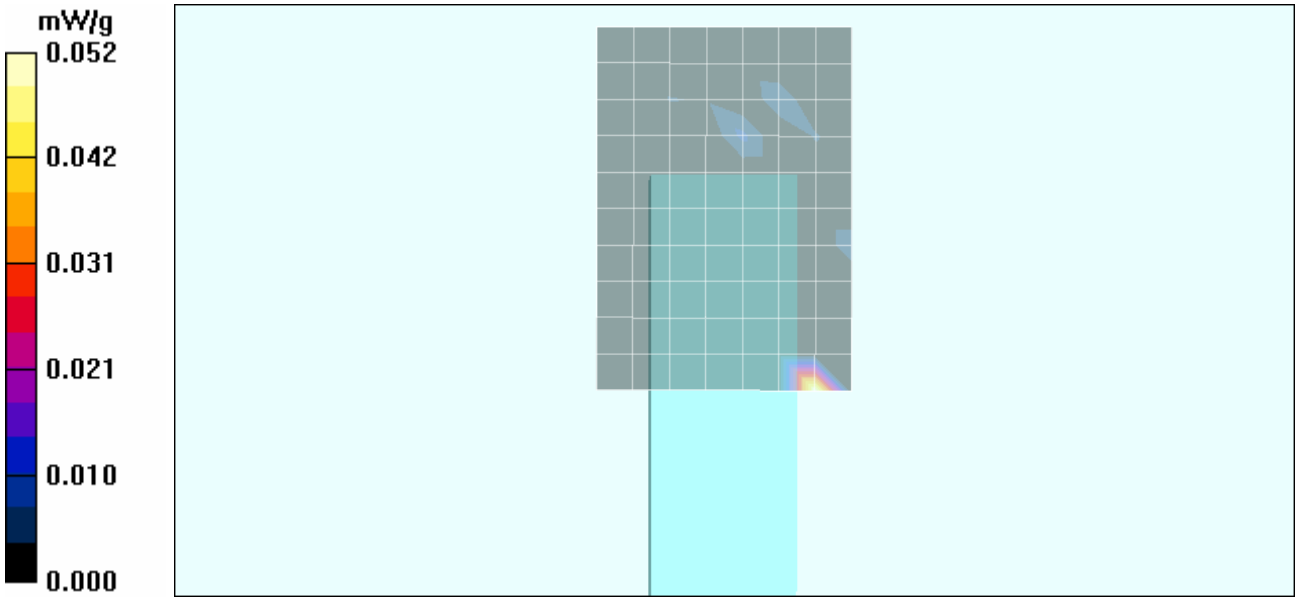
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5785 MHz; Channel: 157; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used (interpolated): f = 5785 MHz; σ = 6.06 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - AUX Antenna Adjacent Edge of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.147 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 0.000 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.00931 mW/g; SAR(10 g) = 0.00375 mW/g
Maximum value of SAR (measured) = 0.052 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11n - HT0 - 5785 MHz - Ch. 157 - AUX Antenna (Chain B) - Bottom Side Touch

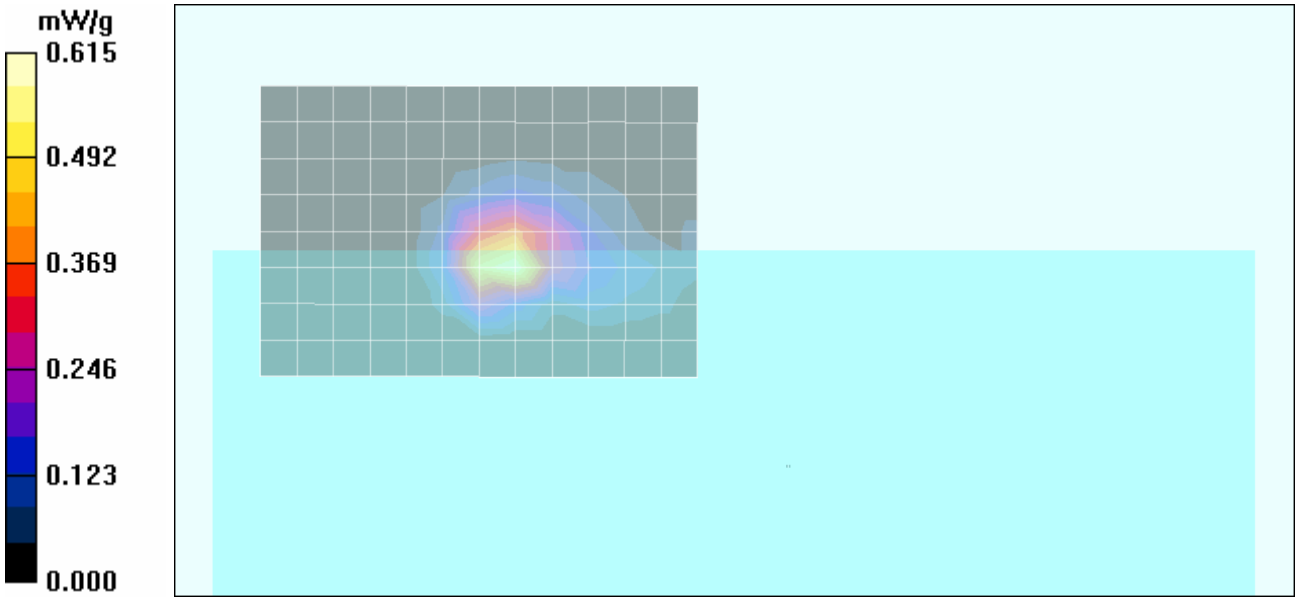
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5785 MHz; Channel: 157; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used (interpolated): f = 5785 MHz; σ = 6.06 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.586 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 9.95 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.148 mW/g
Maximum value of SAR (measured) = 0.615 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11n - HT0 - 5785 MHz - Ch. 157 - MAIN Antenna (Chain A) - Bottom Side Touch

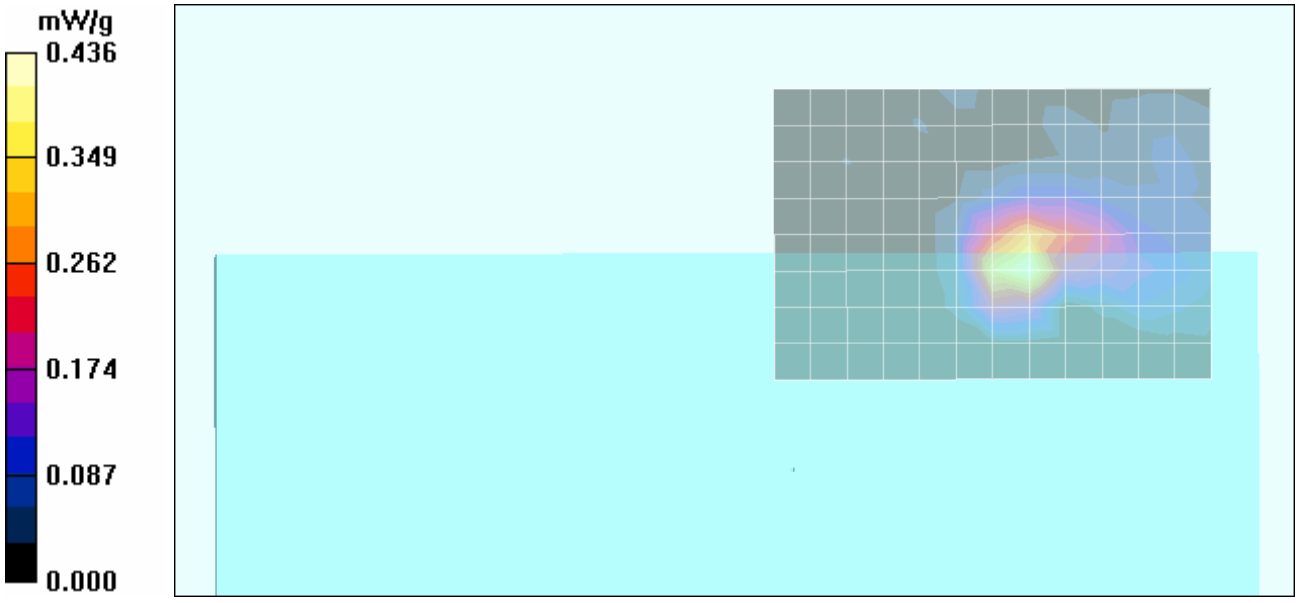
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5785 MHz; Channel: 157; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used (interpolated): f = 5785 MHz; σ = 6.06 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - Bottom Side of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.422 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 9.16 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.793 W/kg
SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.436 mW/g



Date Tested: 10/20/2010

Body SAR - 802.11n - HT0 - 5785 MHz - Ch. 157 - AUX (Antenna Chain A) - "90° Portrait" Touch

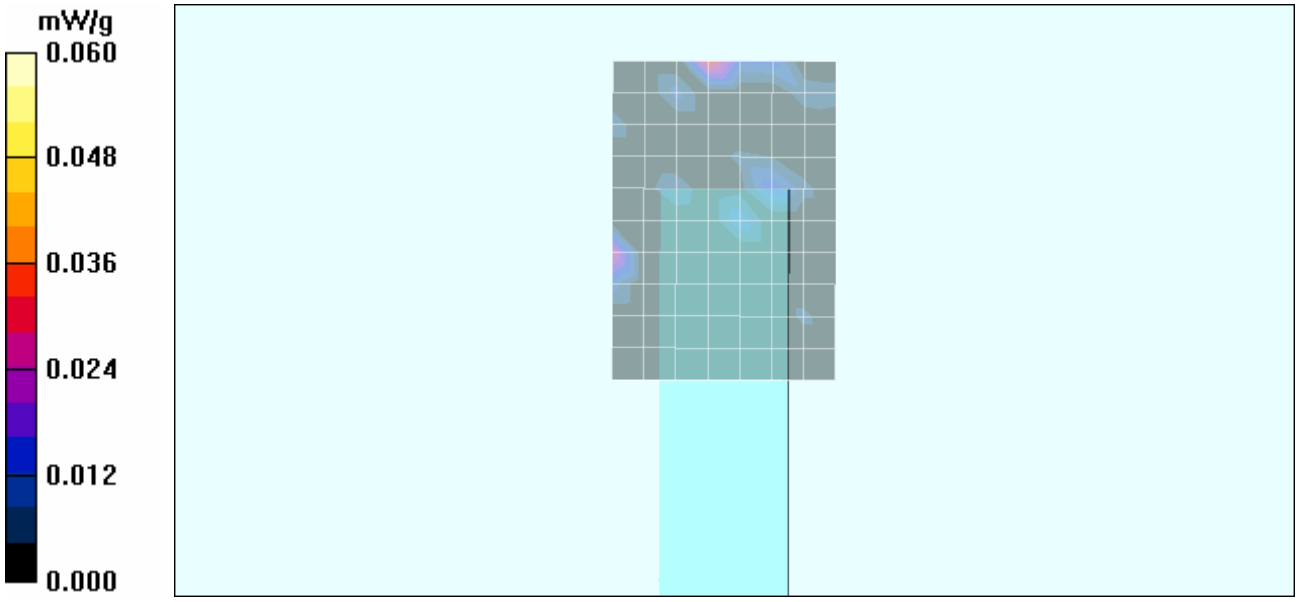
DUT: Xplore Technologies Corporation; Type: Intel 622ANHMW WLAN in iX104C5 Tablet PC; Serial: XPL04

Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN
Frequency: 5785 MHz; Channel: 157; Duty Cycle: 1:1.01
Medium: M5200-5800 Medium parameters used (interpolated): f = 5785 MHz; σ = 6.06 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3

- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body SAR - AUX Antenna Adjacent Edge of Tablet PC Touching Planar Phantom
Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.034 mW/g
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=3mm
Reference Value = 0.000 V/m; Power Drift = 1.01 dB
Peak SAR (extrapolated) = 0.064 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.010 mW/g
Maximum value of SAR (measured) = 0.060 mW/g



APPENDIX B - SYSTEM PERFORMANCE CHECK PLOTS

Date Tested: 10/19/2010

System Performance Check - 5200 MHz Dipole - Body

DUT: Dipole 5GHz; Type: D5GHzV2; Serial: 1031; Calibration: 04/29/2010

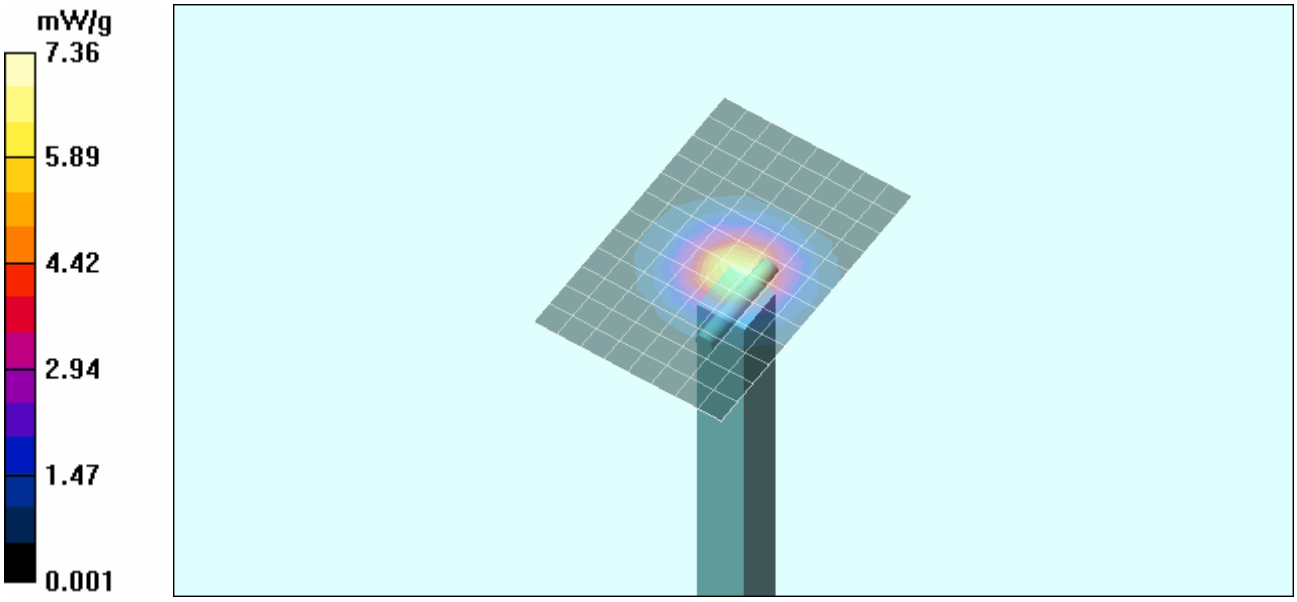
Ambient Temp: 19.0°C; Fluid Temp: 21.2°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Forward Conducted Power: 50 mW
Frequency: 5200 MHz; Duty Cycle: 1:1
Medium: M5200-5800 Medium parameters used: f = 5200 MHz; σ = 5.33 mho/m; ε_r = 49.3; ρ = 1000 kg/m^3

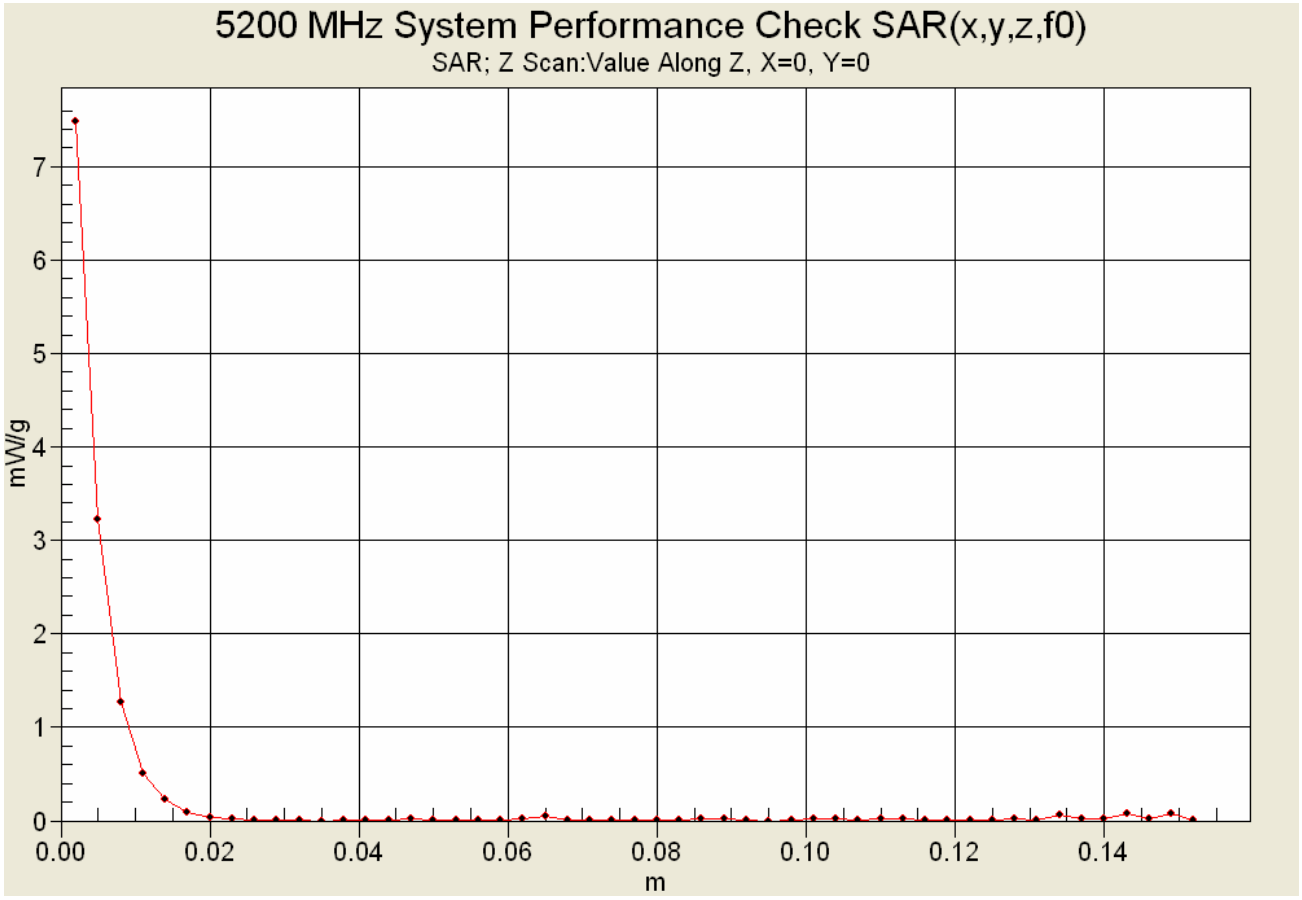
- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

5200 MHz System Performance Check/Area Scan (9x13x1):
Measurement grid: dx=5mm, dy=5mm
Maximum value of SAR (measured) = 6.94 mW/g

5200 MHz System Performance Check/Zoom Scan (7x7x9)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 39.3 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 13.1 W/kg
SAR(1 g) = 3.53 mW/g; SAR(10 g) = 1.000 mW/g
Maximum value of SAR (measured) = 7.36 mW/g



Z-Axis Scan



Date Tested: 10/20/2010

System Performance Check - 5500 MHz Dipole - Body

DUT: Dipole 5GHz; Type: D5GHzV2; Serial: 1031; Calibration: 04/29/2010

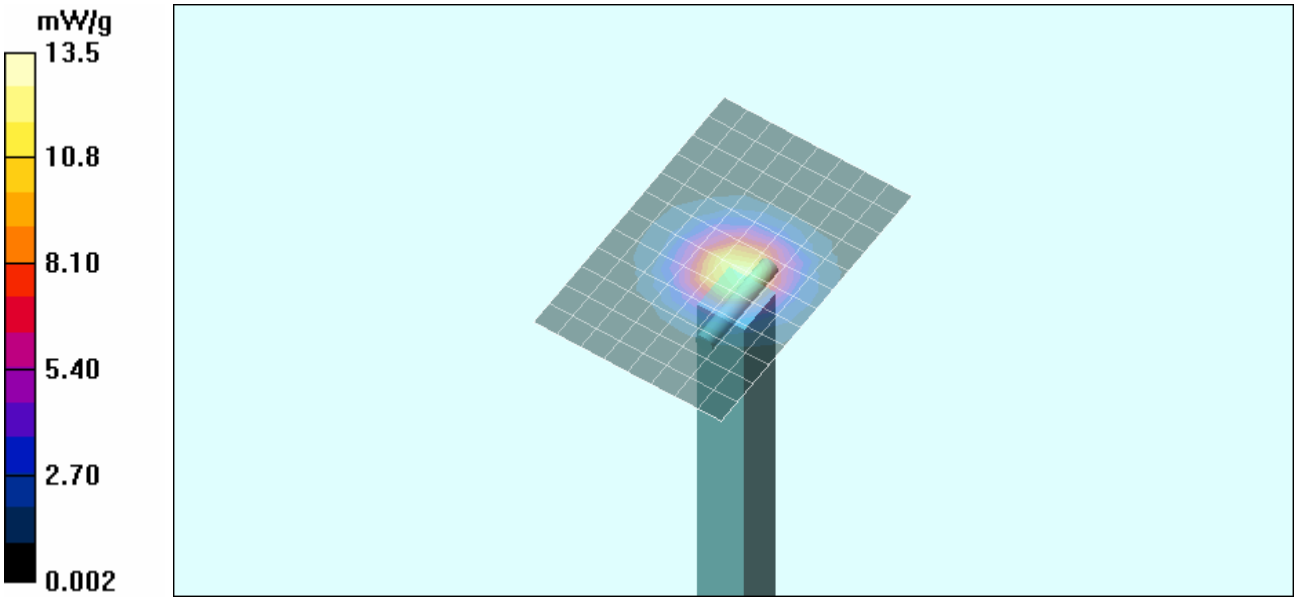
Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Forward Conducted Power: 100 mW
Frequency: 5500 MHz; Duty Cycle: 1:1
Medium: M5200-5800 Medium parameters used: f = 5500 MHz; σ = 5.57 mho/m; ε_r = 48.8; ρ = 1000 kg/m^3

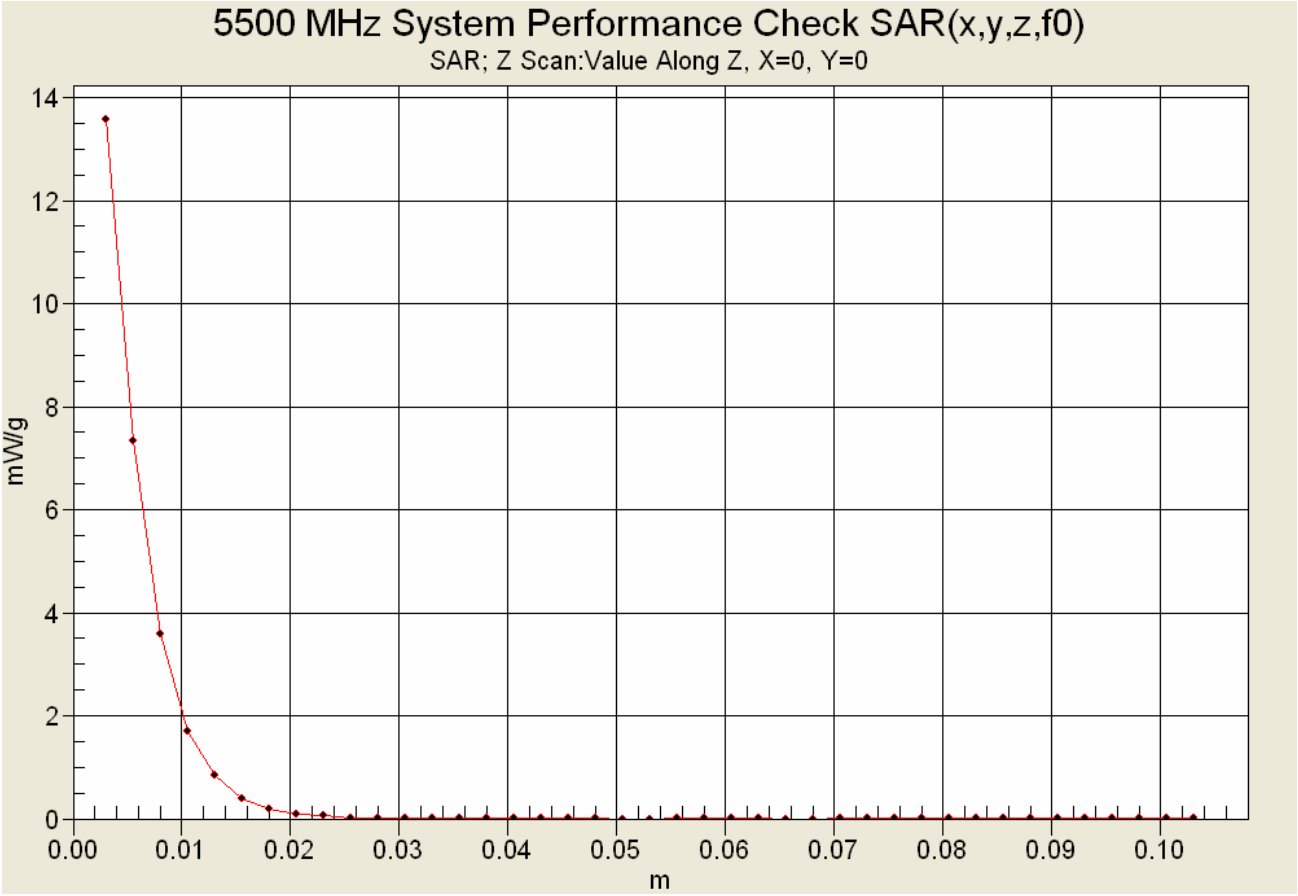
- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

5500 MHz System Performance Check/Area Scan (9x13x1):
Measurement grid: dx=5mm, dy=5mm
Maximum value of SAR (measured) = 12.1 mW/g

5500 MHz System Performance Check/Zoom Scan (7x7x9)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 50.1 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 25.5 W/kg
SAR(1 g) = 8.17 mW/g; SAR(10 g) = 2.36 mW/g
Maximum value of SAR (measured) = 13.5 mW/g



Z-Axis Scan



Date Tested: 10/20/2010

System Performance Check - 5800 MHz Dipole - Body

DUT: Dipole 5GHz; Type: D5GHzV2; Serial: 1031; Calibration: 04/29/2010

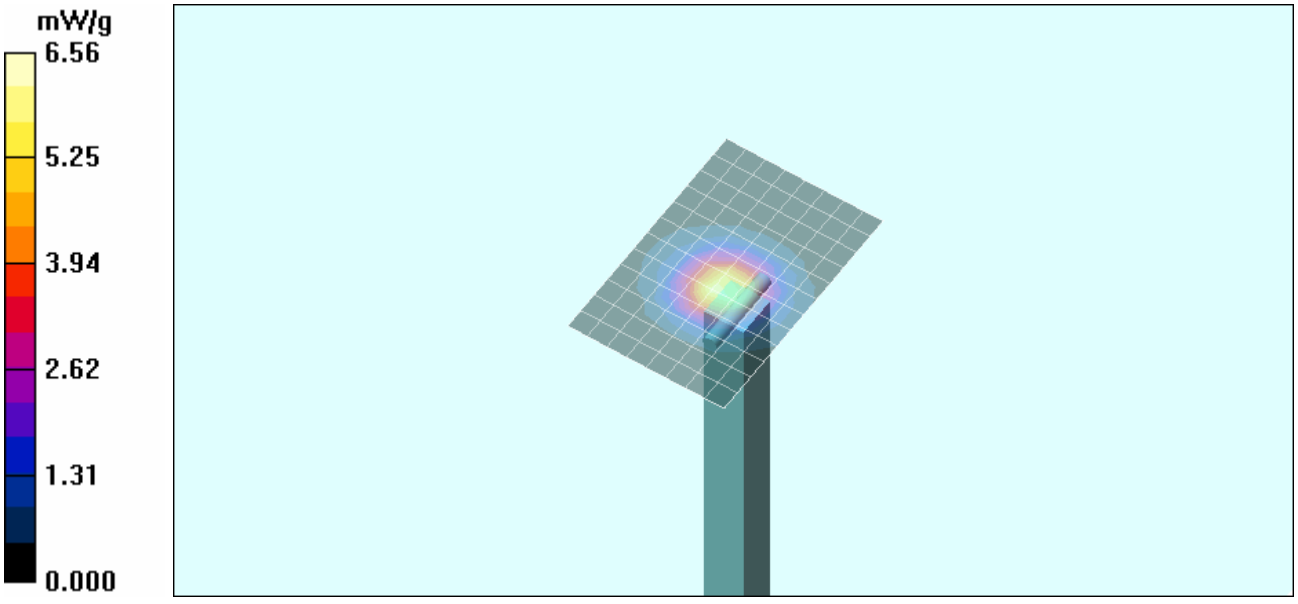
Ambient Temp: 20.0°C; Fluid Temp: 21.4°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Forward Conducted Power: 50 mW
Frequency: 5800 MHz; Duty Cycle: 1:1
Medium: M5200-5800 Medium parameters used: f = 5800 MHz; σ = 6.11 mho/m; ε_r = 48.2; ρ = 1000 kg/m^3

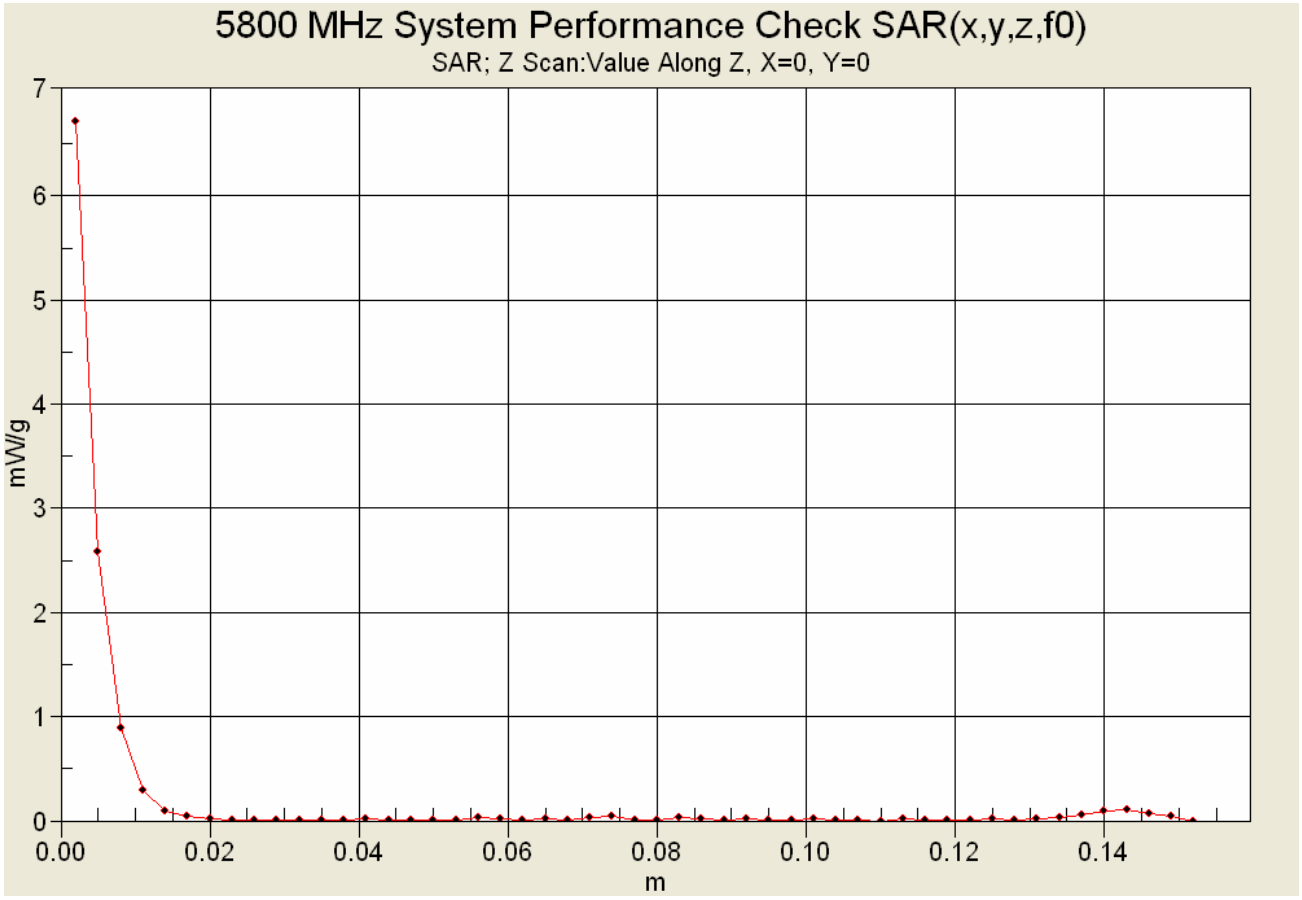
- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

5800 MHz System Performance Check/Area Scan (9x13x1):
Measurement grid: dx=5mm, dy=5mm
Maximum value of SAR (measured) = 6.04 mW/g

5800 MHz System Performance Check/Zoom Scan (7x7x9)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 34.7 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 3.09 mW/g; SAR(10 g) = 0.865 mW/g
Maximum value of SAR (measured) = 6.56 mW/g



Z-Axis Scan



Date Tested: 10/21/2010

System Performance Check - 5200 MHz Dipole - Body

DUT: Dipole 5GHz; Type: D5GHzV2; Serial: 1031; Calibration: 04/29/2010

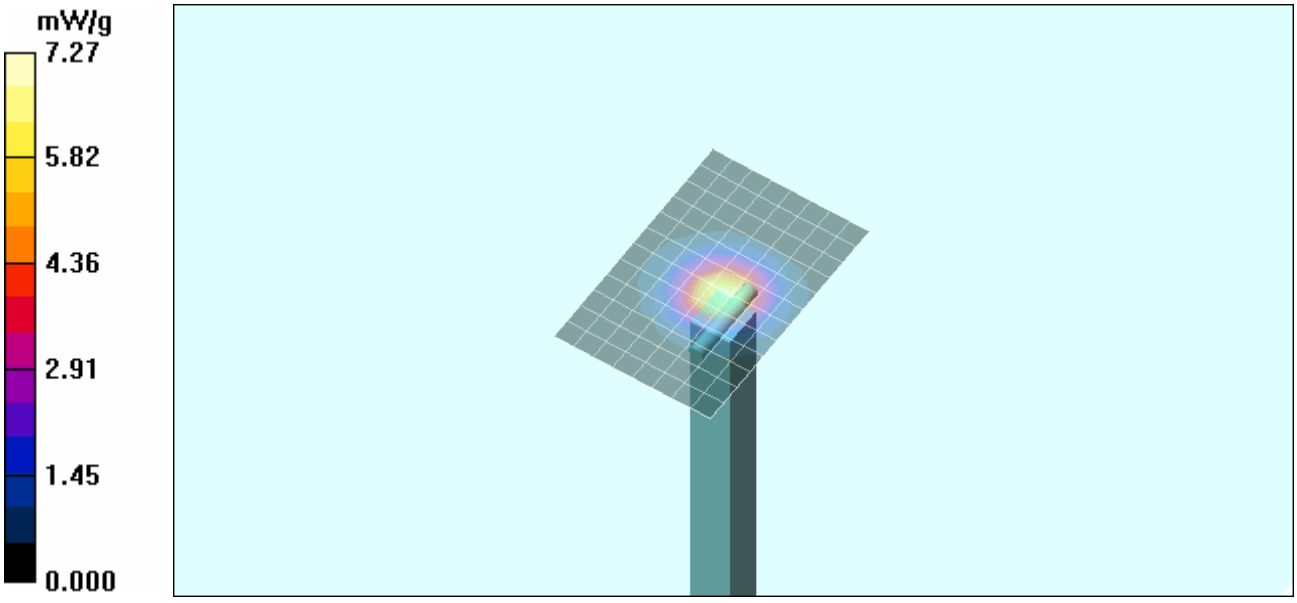
Ambient Temp: 21.0°C; Fluid Temp: 20.8°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Forward Conducted Power: 50 mW
Frequency: 5200 MHz; Duty Cycle: 1:1
Medium: M5200-5800 Medium parameters used: f = 5200 MHz; σ = 5.27 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3

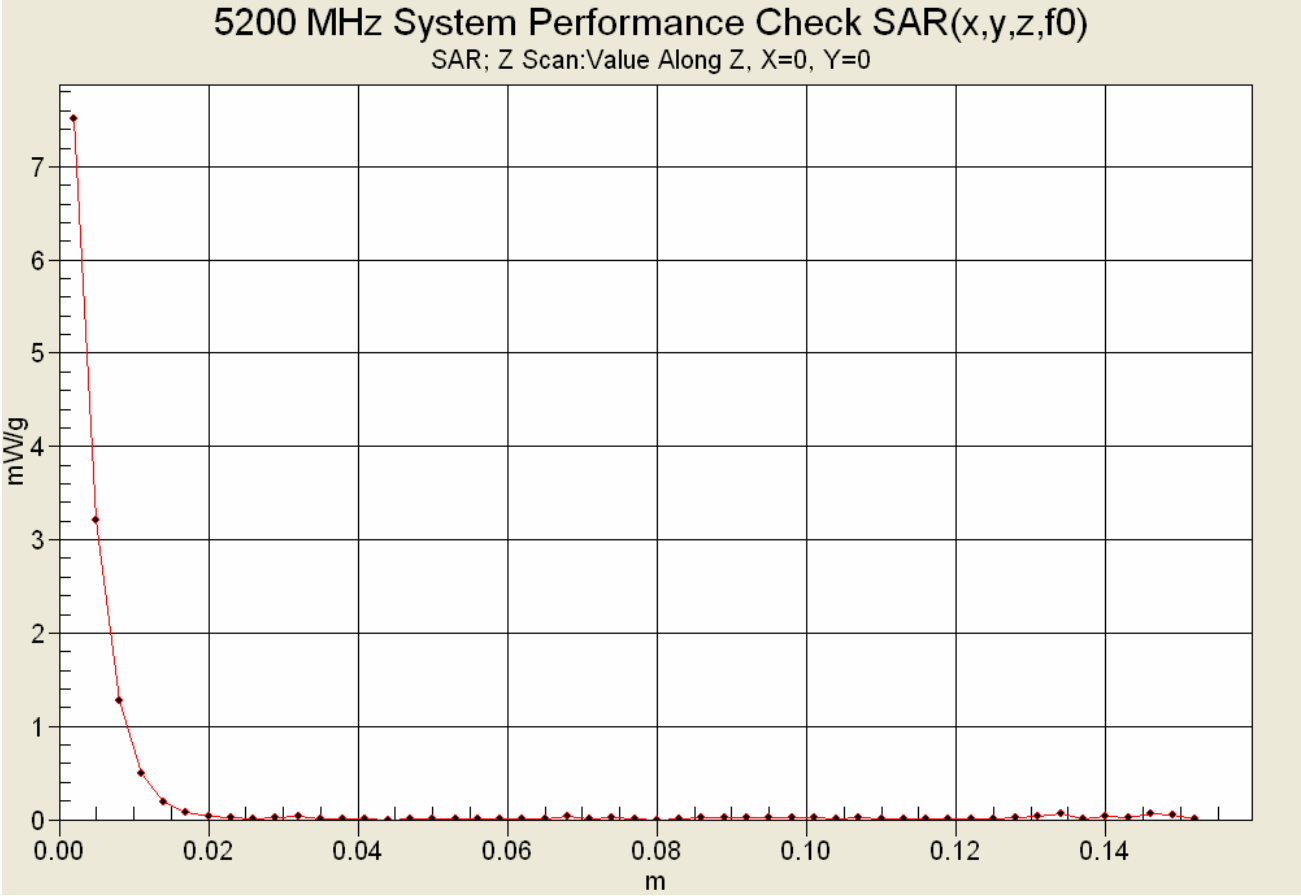
- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

5200 MHz System Performance Check/Area Scan (9x13x1):
Measurement grid: dx=5mm, dy=5mm
Maximum value of SAR (measured) = 6.86 mW/g

5200 MHz System Performance Check/Zoom Scan (7x7x9)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 39.1 V/m; Power Drift = 0.071 dB
Peak SAR (extrapolated) = 12.9 W/kg
SAR(1 g) = 3.49 mW/g; SAR(10 g) = 0.990 mW/g
Maximum value of SAR (measured) = 7.27 mW/g



Z-Axis Scan



Date Tested: 10/22/2010

System Performance Check - 2450 MHz Dipole - Body

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 825; Calibration: 04/17/2009

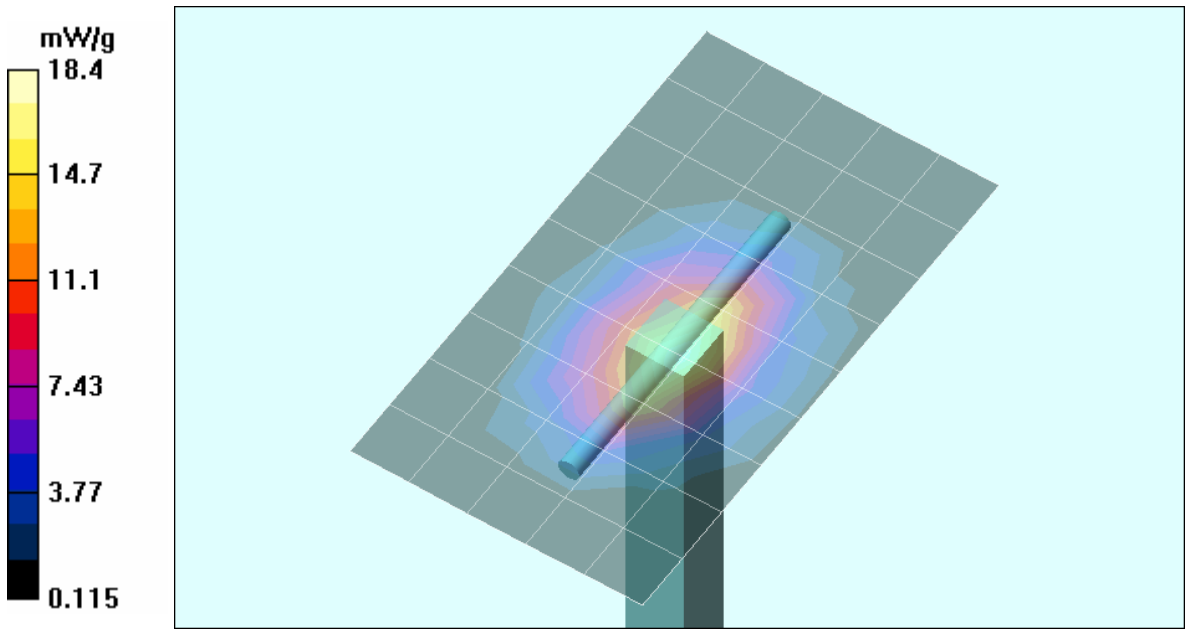
Ambient Temp: 22.0°C; Fluid Temp: 22.8°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: CW
Forward Conducted Power: 250 mW
Frequency: 2450 MHz; Duty Cycle: 1:1
Medium: M2450 Medium parameters used: f = 2450 MHz; σ = 2 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3

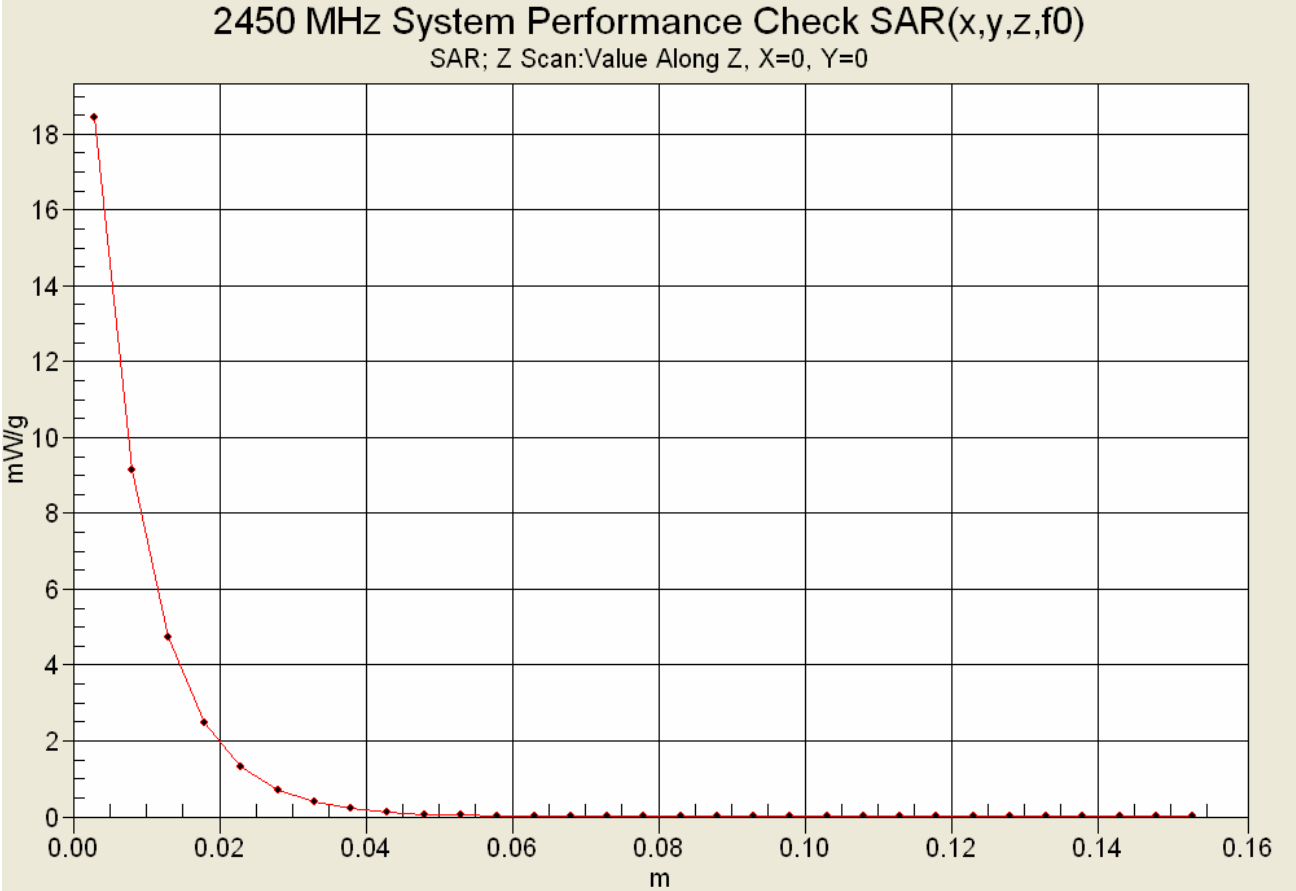
- Probe: EX3DV4 - SN3600; ConvF(6.24, 6.24, 6.24); Calibrated: 29/04/2010
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

2450 MHz Dipole - System Performance Check/Area Scan (6x10x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 17.8 mW/g

2450 MHz Dipole - System Performance Check/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 90.2 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 13.8 mW/g; SAR(10 g) = 6.38 mW/g
Maximum value of SAR (measured) = 18.4 mW/g



Z-Axis Scan



APPENDIX C - MEASURED FLUID DIELECTRIC PARAMETERS

5200-5800 MHz (Body)

****

Celltech Labs Inc.
Test Result for UIM Dielectric Parameter
Tue 19/Oct/2010
Frequency (GHz)
FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon
FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma
FCC_eB FCC Limits for Body Epsilon
FCC_sB FCC Limits for Body Sigma
Test_e Epsilon of UIM
Test_s Sigma of UIM

****

Freq	FCC_eB	FCC_sB	Test_e	Test_s
5.2000	49.01	5.30	49.26	5.33
5.2200	48.99	5.32	49.13	5.22
5.2400	48.96	5.35	49.17	5.29
5.2600	48.93	5.37	48.93	5.35
5.2800	48.91	5.39	49.04	5.30
5.3000	48.88	5.42	48.97	5.32
5.3200	48.85	5.44	48.95	5.35
5.3400	48.82	5.46	48.89	5.44
5.3600	48.80	5.49	48.65	5.41
5.3800	48.77	5.51	48.95	5.52
5.4000	48.74	5.53	48.74	5.48
5.4200	48.72	5.56	48.70	5.52
5.4400	48.69	5.58	48.85	5.68
5.4600	48.66	5.60	49.03	5.60
5.4800	48.63	5.63	48.65	5.59
5.5000	48.61	5.65	48.60	5.53
5.5200	48.58	5.67	48.78	5.78
5.5400	48.55	5.70	48.68	5.83
5.5600	48.53	5.72	48.59	5.80
5.5800	48.50	5.74	48.63	5.76
5.6000	48.47	5.77	48.20	5.77
5.6200	48.44	5.79	48.55	5.69
5.6400	48.42	5.81	48.44	5.88
5.6600	48.39	5.84	48.34	5.88
5.6800	48.36	5.86	48.44	5.85
5.7000	48.34	5.88	48.36	5.98
5.7200	48.31	5.91	48.52	5.96
5.7400	48.28	5.93	48.55	5.98
5.7600	48.25	5.95	47.98	5.93
5.7800	48.23	5.98	48.13	6.10
5.8000	48.20	6.00	47.95	6.12

5200-5800 MHz (Body)

****

Celltech Labs Inc.
Test Result for UIM Dielectric Parameter
Wed 20/Oct/2010
Frequency (GHz)
FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon
FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma
FCC_eB FCC Limits for Body Epsilon
FCC_sB FCC Limits for Body Sigma
Test_e Epsilon of UIM
Test_s Sigma of UIM

****

Freq	FCC_eB	FCC_sB	Test_e	Test_s
5.2000	49.01	5.30	49.80	5.29
5.2200	48.99	5.32	49.82	5.21
5.2400	48.96	5.35	49.73	5.21
5.2600	48.93	5.37	49.50	5.29
5.2800	48.91	5.39	49.63	5.28
5.3000	48.88	5.42	49.22	5.25
5.3200	48.85	5.44	49.47	5.28
5.3400	48.82	5.46	49.16	5.35
5.3600	48.80	5.49	49.12	5.38
5.3800	48.77	5.51	49.32	5.48
5.4000	48.74	5.53	49.29	5.42
5.4200	48.72	5.56	49.11	5.46
5.4400	48.69	5.58	49.17	5.60
5.4600	48.66	5.60	49.59	5.52
5.4800	48.63	5.63	49.00	5.66
5.5000	48.61	5.65	48.83	5.57
5.5200	48.58	5.67	49.09	5.70
5.5400	48.55	5.70	49.00	5.69
5.5600	48.53	5.72	48.81	5.77
5.5800	48.50	5.74	49.23	5.70
5.6000	48.47	5.77	48.69	5.78
5.6200	48.44	5.79	48.70	5.73
5.6400	48.42	5.81	49.00	5.80
5.6600	48.39	5.84	48.78	5.88
5.6800	48.36	5.86	48.67	5.81
5.7000	48.34	5.88	48.72	5.97
5.7200	48.31	5.91	49.06	5.97
5.7400	48.28	5.93	48.85	6.00
5.7600	48.25	5.95	48.51	5.99
5.7800	48.23	5.98	48.18	6.04
5.8000	48.20	6.00	48.17	6.11

5200-5800 MHz (Body)

****

Celltech Labs Inc.
Test Result for UIM Dielectric Parameter
Thu 21/Oct/2010
Frequency (GHz)
FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon
FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma
FCC_eB FCC Limits for Body Epsilon
FCC_sB FCC Limits for Body Sigma
Test_e Epsilon of UIM
Test_s Sigma of UIM

****

Freq	FCC_eB	FCC_sB	Test_e	Test_s
5.2000	49.01	5.30	50.88	5.27
5.2200	48.99	5.32	50.87	5.28
5.2400	48.96	5.35	51.02	5.30
5.2600	48.93	5.37	50.79	5.29
5.2800	48.91	5.39	50.82	5.30
5.3000	48.88	5.42	50.36	5.34
5.3200	48.85	5.44	50.72	5.36
5.3400	48.82	5.46	50.79	5.37
5.3600	48.80	5.49	50.30	5.41
5.3800	48.77	5.51	50.53	5.43
5.3800	48.75	5.54	50.44	5.45
5.4200	48.72	5.56	50.35	5.47
5.4400	48.69	5.58	50.19	5.56
5.4600	48.66	5.60	50.34	5.58
5.4800	48.63	5.63	49.93	5.58
5.5000	48.61	5.65	50.29	5.59
5.5200	48.58	5.67	50.43	5.69
5.5400	48.55	5.70	50.17	5.72
5.5600	48.53	5.72	49.93	5.78
5.5800	48.50	5.74	50.06	5.67
5.6000	48.47	5.77	49.59	5.76
5.6200	48.44	5.79	49.86	5.73
5.6400	48.42	5.81	50.01	5.87
5.6600	48.39	5.84	50.01	5.79
5.6800	48.36	5.86	49.76	5.79
5.7000	48.34	5.88	49.48	6.05
5.7200	48.31	5.91	50.12	6.01
5.7400	48.28	5.93	49.79	5.99
5.7600	48.25	5.95	49.50	5.95
5.7800	48.23	5.98	49.40	6.07
5.8000	48.20	6.00	49.31	6.12

2450 MHz (Body)

****

Celltech Labs Inc.
Test Result for UIM Dielectric Parameter
Fri 22/Oct/2010
Frequency (GHz)
FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon
FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma
FCC_eB FCC Limits for Body Epsilon
FCC_sB FCC Limits for Body Sigma
Test_e Epsilon of UIM
Test_s Sigma of UIM

****

Freq	FCC_eB	FCC_sB	Test_e	Test_s
2.3500	52.83	1.85	50.39	1.90
2.3600	52.82	1.86	50.38	1.90
2.3700	52.81	1.87	50.35	1.93
2.3800	52.79	1.88	50.33	1.94
2.3900	52.78	1.89	50.19	1.95
2.4000	52.77	1.90	50.23	1.95
2.4100	52.75	1.91	50.16	1.98
2.4200	52.74	1.92	50.09	1.97
2.4300	52.73	1.93	50.36	1.98
2.4400	52.71	1.94	50.12	1.99
2.4500	52.70	1.95	50.14	2.00
2.4600	52.69	1.96	50.15	2.03
2.4700	52.67	1.98	49.96	2.04
2.4800	52.66	1.99	49.90	2.05
2.4900	52.65	2.01	49.96	2.06
2.5000	52.64	2.02	49.91	2.10
2.5100	52.62	2.04	49.97	2.09
2.5200	52.61	2.05	49.80	2.08
2.5300	52.60	2.06	49.67	2.14
2.5400	52.59	2.08	49.68	2.13
2.5500	52.57	2.09	49.84	2.14

APPENDIX D - MANUFACTURER'S TISSUE SIMULANT DATA SHEET

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland
Phone +41 1 245 9700, Fax +41 1 245 9779
info@speag.com, http://www.speag.com

Material Safety Data Sheet

1 Identification of the substance and of the manufacturer / origin

Item	Head Tissue Simulation Liquid HSL5800 Muscle Tissue Simulation Liquid MSL 5800
Type No	SL AAH 580, SL AAM 580
Series No	N/A
Manufacturer / Origin	Schmid & Partner Engineering AG Zeughausstrasse 43 8004 Zürich Switzerland Phone +41 1 245 9700, Fax +41 1 245 9779, support@speag.com

Use of the substance:
Liquid simulating physical parameters of Head or Muscle Tissue in the RF range to 6GHz.

2 Composition / Information on ingredients

The Item is composed of the following ingredients:

Water	64 - 78%
Mineral Oil	11 - 18%
Emulsifiers	9 - 15%
Additives and Salt	2 - 3%

Safety relevant ingredients according to EU directives:

CAS-No 107-41-5	< 4%	2-Methyl-2,4-pentandiol (Hexylene Glycol): Xi irritant, R36/38 irritant for eyes and skin
CAS-No 770-35-4	< 2%	1-Phenoxy-2-propanol (Propylene Glycol Phenyl Ether): Xi irritant, R36 irritant for eyes
CAS-No 93-83-4	< 2%	N,N-bis(2-Hydroxyethyl)oleamide: Xi irritant, R36/38 irritant for eyes and skin
CAS-No 9004-95-9	< 0.5%	Polyethylene glycol cetyl ether: Xi irritant, R22 harmful if swallowed, R36/38 irritant for eyes and skin R50 Very toxic to aquatic organisms

According to EU guidelines and Swiss rules, the product is not a dangerous mixture and therefore not required to be marked by symbols.

3 Hazards identification

Identification not required.

4 First aid measures

The product reacts slightly alkaline.

After skin contact:	Wash with fresh water and mild sope
After eye contact:	Rinse out with plenty of water for several minutes with the eyelid held open. Consult an ophthalmologist if necessary.
After ingestion:	Do not induce vomiting. Get medical attention.

5 Fire-fighting measures

Firefighting media	CO2, foam, dry chemical
Combustion products	Carbon oxides, nitrogen and traces of oxides of chlorine and sulfur, HCl

Due to the high water content, the liquid is self-extinguishing.

6 Accidental release measures

Person-related precaution measures: wash with water and mild soap.
Environmental-protection measures: do not allow to enter sewerage system.
Procedures for cleaning / absorption: Use oil-binding agents., forward for disposal. Spills may cause slippery conditions.

7 Handling and storage

Handling: Keep in open container only for minimum required time in order to avoid water evaporation.
Storage: tightly closed, between >0 to 40°C. Avoid direct solar irradiation of the storage containers.

8 Exposure controls / personal protection

Protection measures are not generally required. For eye protection, industrial safety glasses are recommended.
Personal hygiene and clean working practices are sufficient.

9 Physical and chemical properties

Form:	liquid
Colour:	medium to dark brown, transparent to opaque
Odour:	almost odourless / slightly oily
pH-Value:	slightly alcalic
Boiling point:	100°C
Density:	1g/cm^3

10 Stability and reactivity

Conditions to be avoided: heating above 40°C
The product contains water and is not compatible with strong oxidizers or magnesium.

11 Toxicological information

LD50 > 40 g/kg
Further data: the product should be handled with the care usual when dealing with chemicals

12 Ecological information

Contains mineral oil. Do not allow to enter waters, waste water, or soil!

13 Disposal considerations

Disposal is possible by splitting the mineral oil from the emulsion with absorbing agents, with salt or ultra-filtration. Dispose as other mineral oil containing products according to local regulations.
Product packing must be disposed of in compliance with respect national regulations.

14 Transport information

Not subject to transport regulations.

15 Regulatory information

No special labelling required.

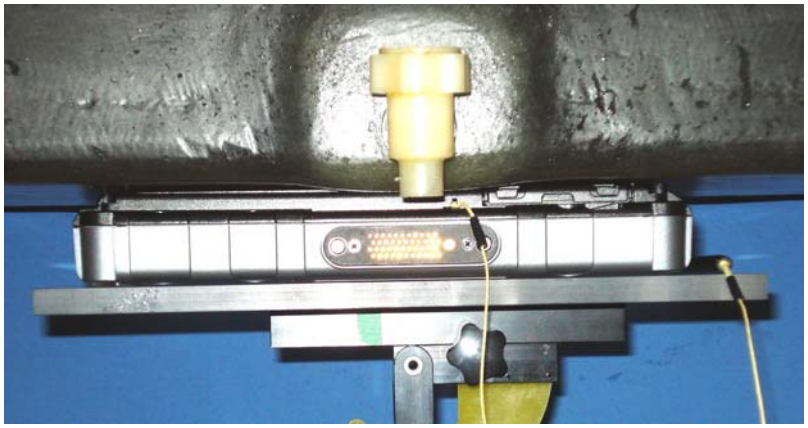
16 Other information

Release date:	6.1.2005
Responsible:	FB

APPENDIX E - SAR TEST SETUP PHOTOGRAPHS

BODY (LAP-HELD) SAR TEST SETUP PHOTOGRAPHS

Bottom Side of Tablet PC Touching Planar Phantom



BODY (LAP-HELD) SAR TEST SETUP PHOTOGRAPHS

WLAN AUX Antenna (Chain B) Adjacent Edge of Tablet PC Touching Planar Phantom
(90° Portrait LCD Display Orientation)

APPENDIX F - SAR DUT PHOTOGRAPHS

WLAN Transmit Diversity MAIN Antenna (Chain A)

WLAN Transmit Diversity AUX Antenna (Chain B)

Tablet PC Model: iX104C5 - "0 Degrees Landscape" LCD Display Orientation

Tablet PC Model: iX104C5 - "90 Degrees Portrait" LCD Display Orientation

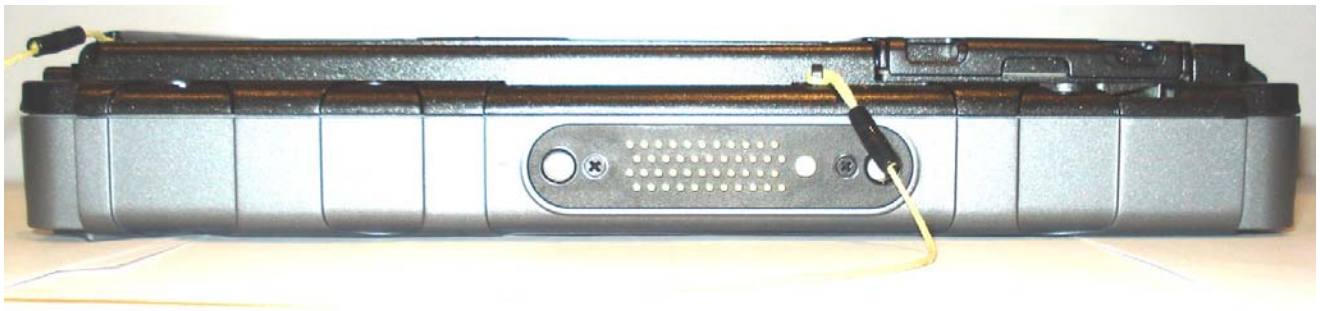
Bottom Side of Tablet PC with Li-ion Battery

Bottom Side of Tablet PC with Li-ion Battery Removed

Right Edge of Tablet PC

Left Edge of Tablet PC

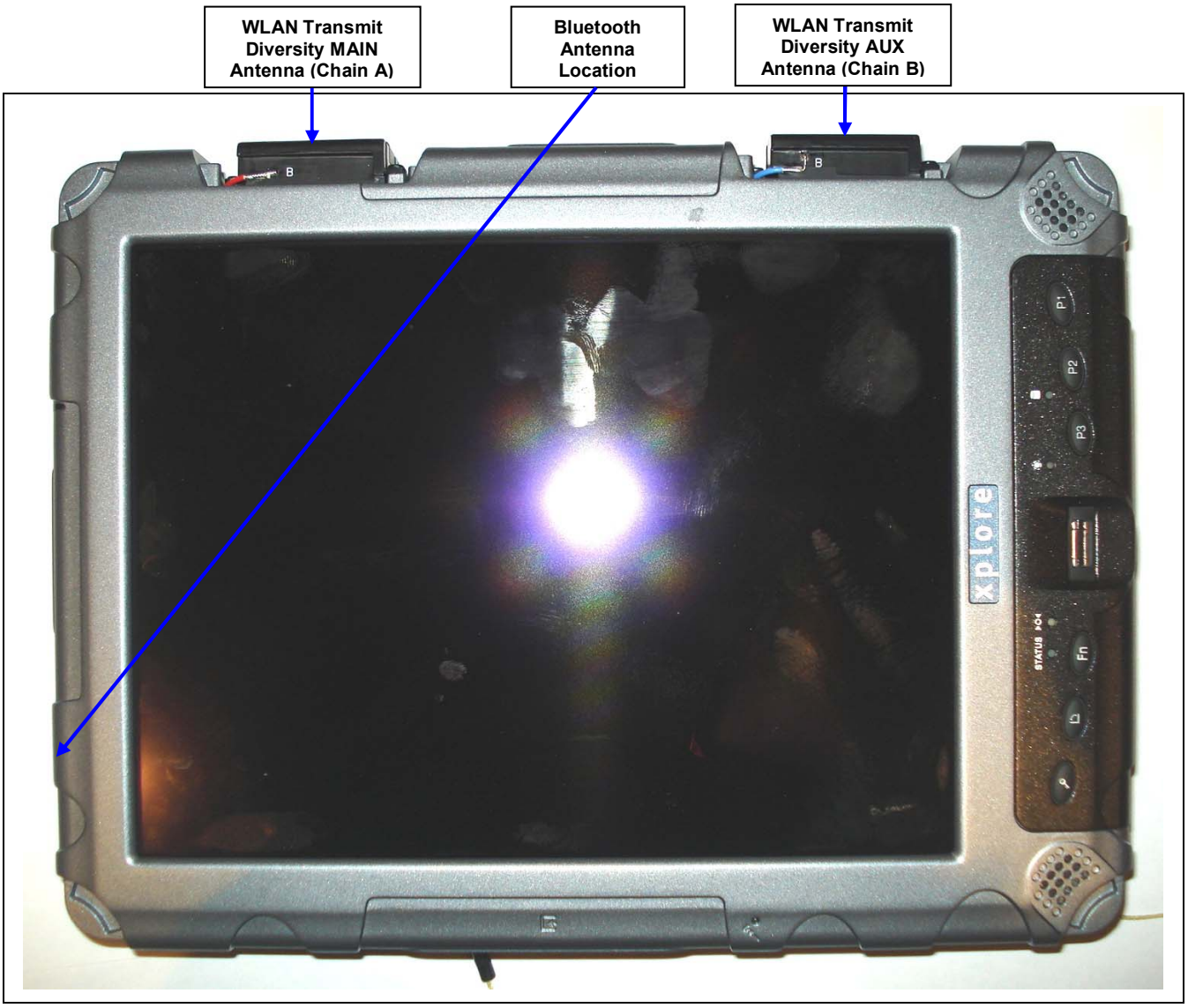
Top Edge of Tablet PC (with and without antenna cover)



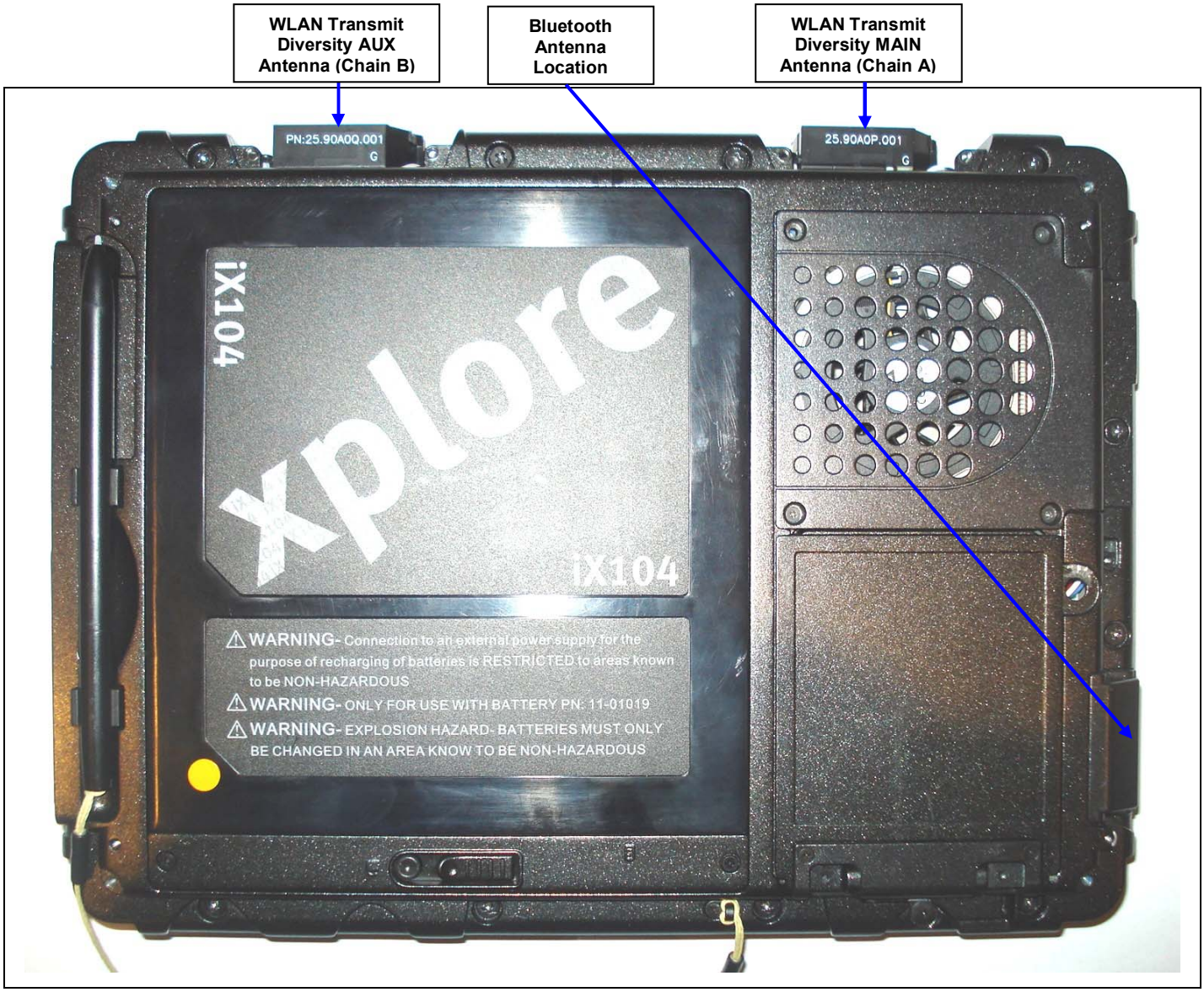
Bottom Edge of Tablet PC

Front Side of Li-ion Battery

Back Side of Li-ion Battery

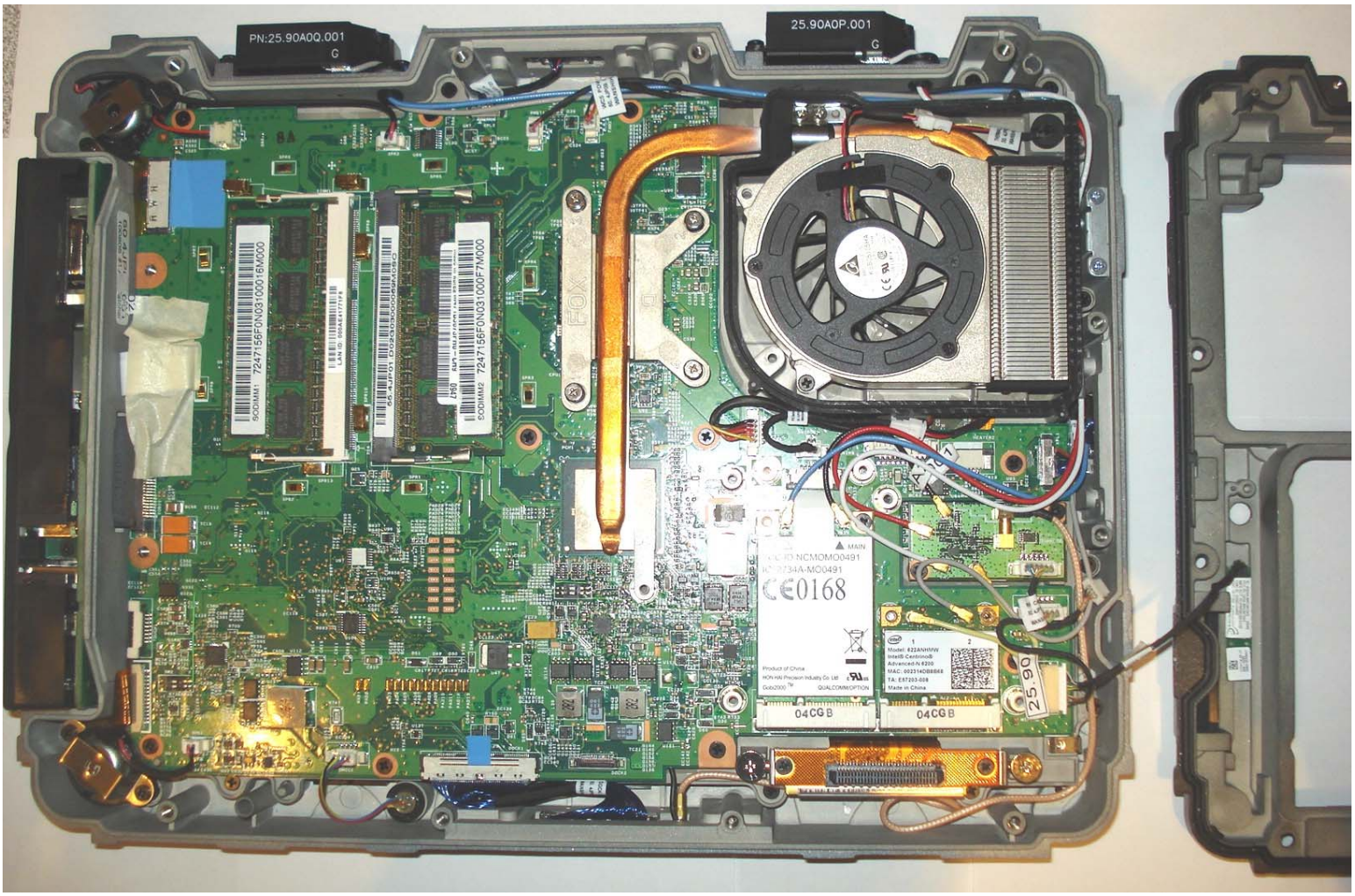


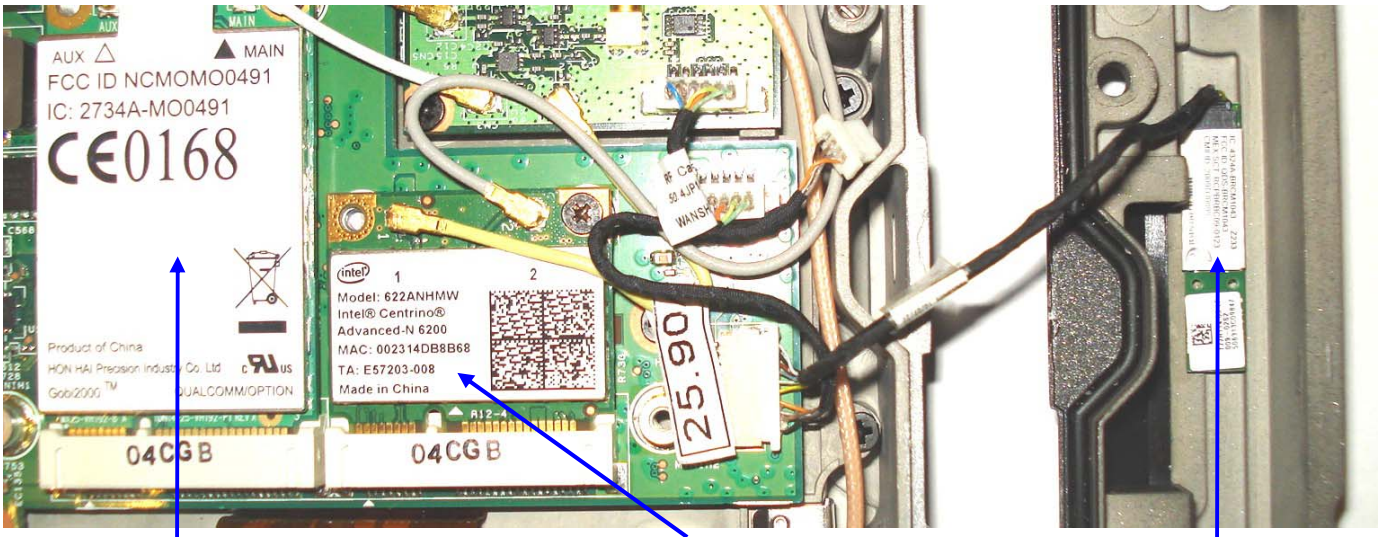
ANTENNA LOCATION(S) – TOP SIDE OF iX104C5 TABLET PC



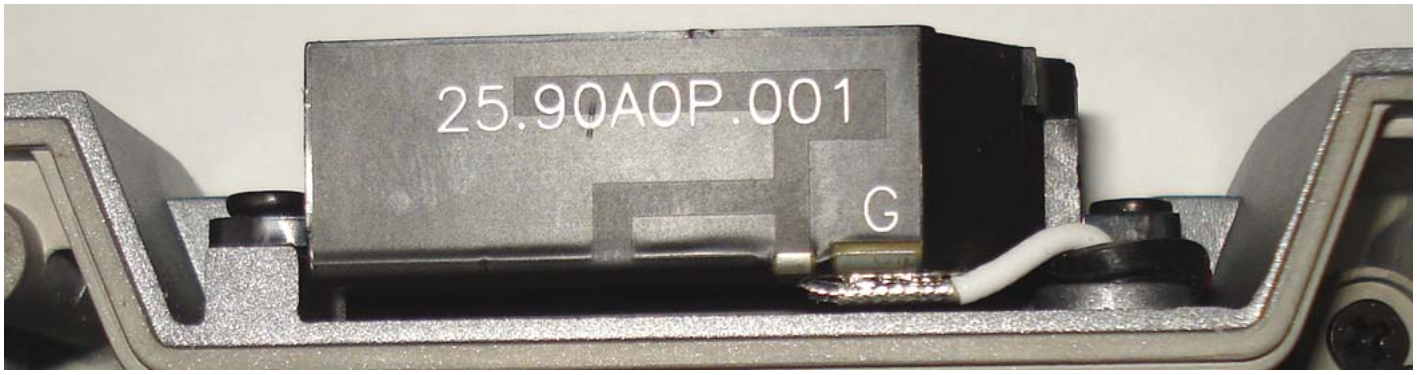
ANTENNA LOCATION(S) – BOTTOM SIDE OF iX104C5 TABLET PC

Bottom Side view inside Tablet PC

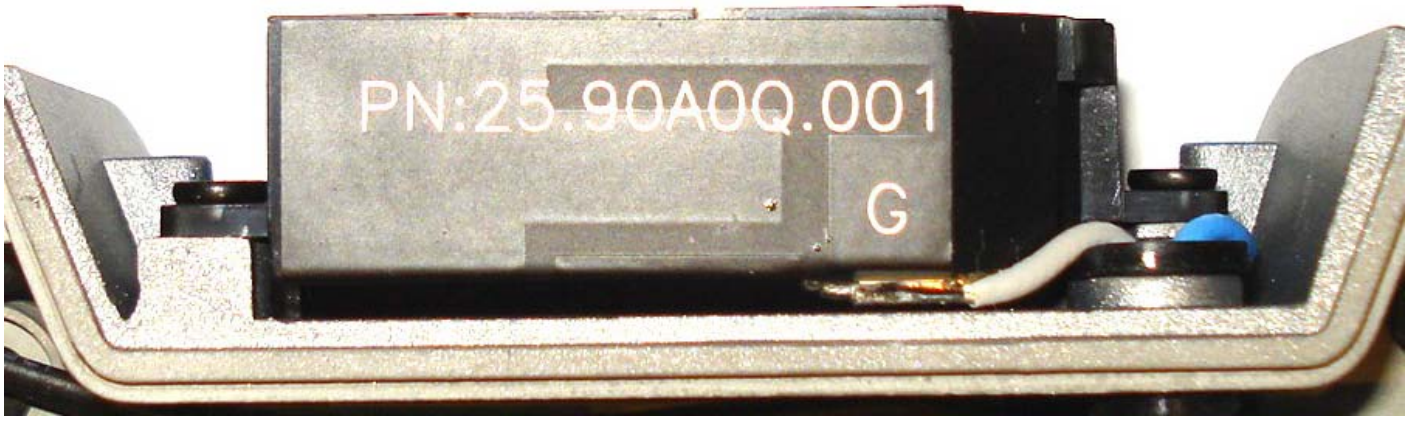




GOBI2000 WWAN Module	622ANHMW WLAN Mini-PCI Express Module	Broadcom BCM92070MD_REF Bluetooth Module



WLAN MAIN (CHAIN A) TRANSMIT DIVERSITY ANTENNA HOUSING



WLAN AUX (CHAIN B) TRANSMIT DIVERSITY ANTENNA HOUSING

BROADCOM BCM92070MD_REF BLUETOOTH MODULE

622ANHMW WLAN Mini-PCI Express Card

APPENDIX I - BARSKI PLANAR PHANTOM CERTIFICATE OF CONFORMITY

2378 Westlake Road
Kelowna, B.C. Canada
V1Z-2V2

BARSKI INDUSTRIES (1985) LTD.

Ph. # 250-769-6848
Fax # 250-769-6334
E-mail: barskiind@shaw.ca
Web: www.bcfiberglass.com

FIBERGLASS FABRICATORS

Certificate of Conformity

Item : Flat Planar Phantom Unit # 03-01
Date: June 16, 2003
Manufacturer: Barski Industries (1985 Ltd)

Test	Requirement	Details
Shape	Compliance to geometry according to drawing	Supplied CAD drawing
Material Thickness	Compliant with the requirements	2mm +/- 0.2mm in measurement area
Material Parameters	Dielectric parameters for required frequencies Based on Dow Chemical technical data	100 MHz-5 GHz Relative permittivity<5 Loss Tangent<0.05

Conformity

Based on the above information, we certify this product to be compliant to the requirements specified.

Signature: _____

Daniel Chailler

Fiberglass Planar Phantom - Top View

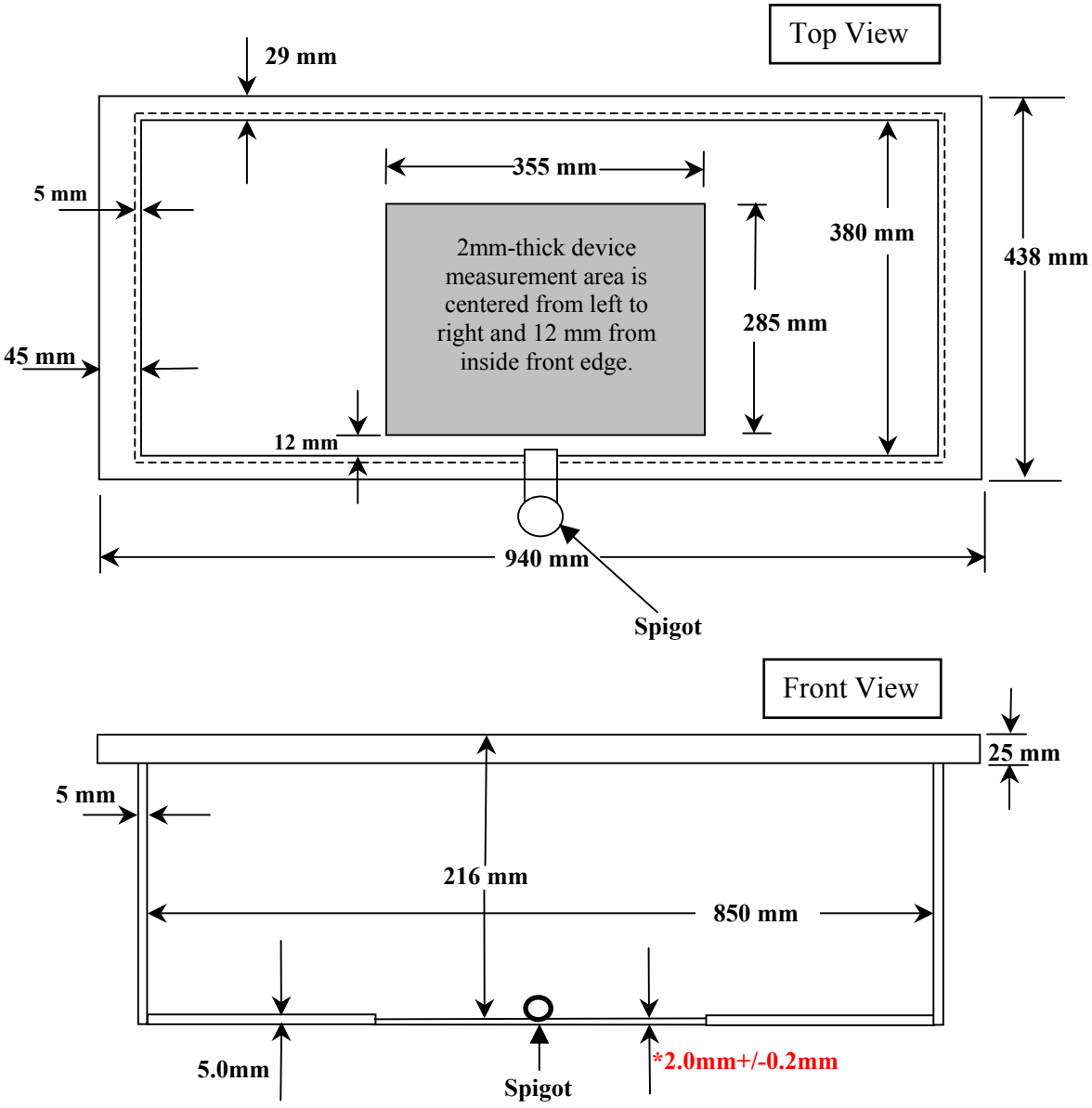
Fiberglass Planar Phantom - Front View

Fiberglass Planar Phantom - Back View

Fiberglass Planar Phantom - Bottom View

Dimensions of Fiberglass Planar Phantom

(Manufactured by Barski Industries Ltd. - Unit# 03-01)



Note: Measurements that aren't repeated for the opposite sides are the same as the side measured. This drawing is not to scale.