

## APPENDIX B PLOTS OF THE SAR MEASUREMENTS

Plots of the measured SAR distributions inside the phantom are given in this Appendix for all tested configurations.

**Table 25 5200 MHz Band SAR Measurement Plot Numbers**

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Lap Held	1	A	6	-	48
	2	B	6	-	36
	3		6	-	48
	4		6	-	52
	5		6	-	64
Edge On Secondary Landscape	6	A	6	-	36
	7		6	-	48
	8		6	-	52
	9		6	-	64
	10	B	6	-	36
	11		6	-	48
	12		6	-	52
	13		6	-	64
Edge On Primary Portrait	14	A	6	-	48
	15	B	6	-	48
Bystander	16	A	6	-	48
	17	B	6	-	48



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**Table 26 5600 MHz Band SAR Measurement Plot Numbers**

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Lap Held	18	A	6	-	116
	19	B	6	-	104
	20		6	-	116
	21		6	-	124
	22		6	-	136
Edge On Secondary Landscape	23	A	6	-	104
	24		6	-	116
	25		6	-	124
	26		6	-	136
	27	B	6	-	104
	28		6	-	116
	29		6	-	124
	30		6	-	136
Edge On Primary Portrait	31	A	6	-	116
	32	B	6	-	116
Bystander	33	B	6	-	116

**Table 27 5800 MHz Band SAR Measurement Plot Numbers**

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Lap Held	34	A	6	-	157
	35	B	6	-	149
	36	B	6	-	157
	37	B	6	-	165
Edge On Secondary Landscape	38	A	6	-	149
	39		6	-	157
	40		6	-	165
Edge On Secondary Landscape	41	B	6	-	149
	42		6	-	157
	43		6	-	165
Edge On Primary Portrait	44	A	6	-	157
	45	B	6	-	157
Bystander	46	A	6	-	157
	47	B	6	-	157

**Table 28 System Verification Plots**

Plot 48	System Verification 5200 MHz 19 <sup>th</sup> June 2012
Plot 49	System Verification 5200 MHz 20 <sup>th</sup> June 2012
Plot 50	System Verification 5500 MHz 21 <sup>st</sup> June 2012
Plot 51	System Verification 5800 MHz 23 <sup>rd</sup> June 2012

Test Date: 20 June 2012



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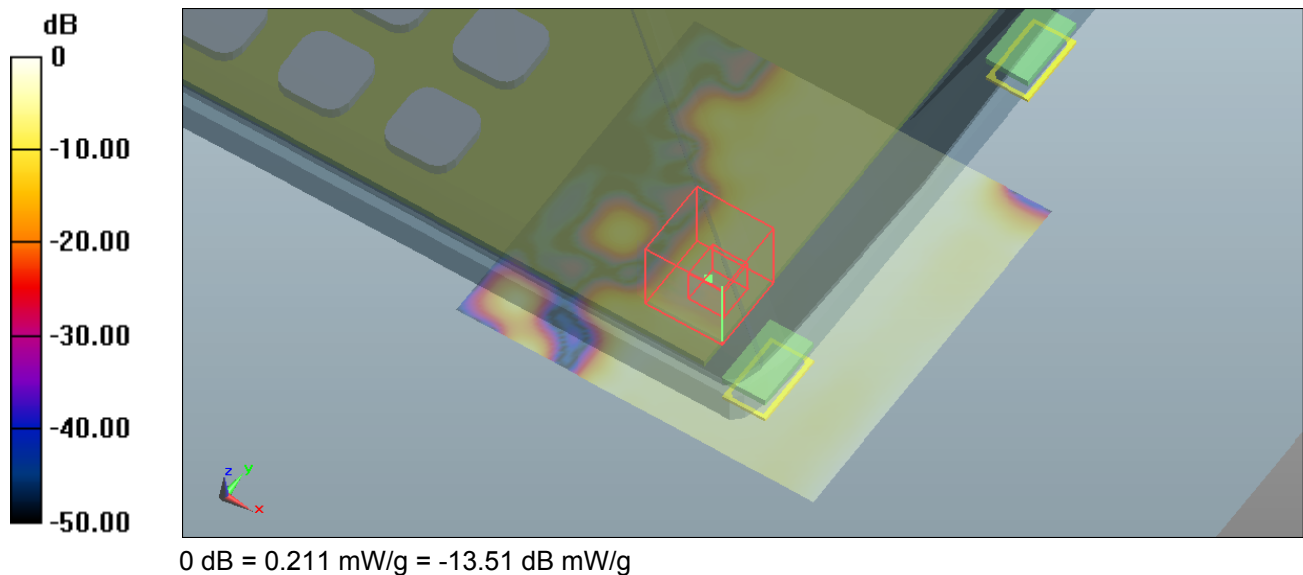
File Name: M120603 Lap Held OFDM 5200 MHz Antenna A (1) 20-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMMW; Serial: WFM: 001500647600**

- \* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5240 MHz; Duty Cycle: 1:17.0451
- \* Medium parameters used:  $f = 5242.6$  MHz;  $\sigma = 5.418$  mho/m;  $\epsilon_r = 48.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 48 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.211 mW/g

**Configuration/Channel 48 Test/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 3.458 V/m; Power Drift = -0.16 dB  
Peak SAR (extrapolated) = 0.321 mW/g  
**SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.050 mW/g**  
Maximum value of SAR (measured) = 0.190 mW/g



**SAR MEASUREMENT PLOT 1**

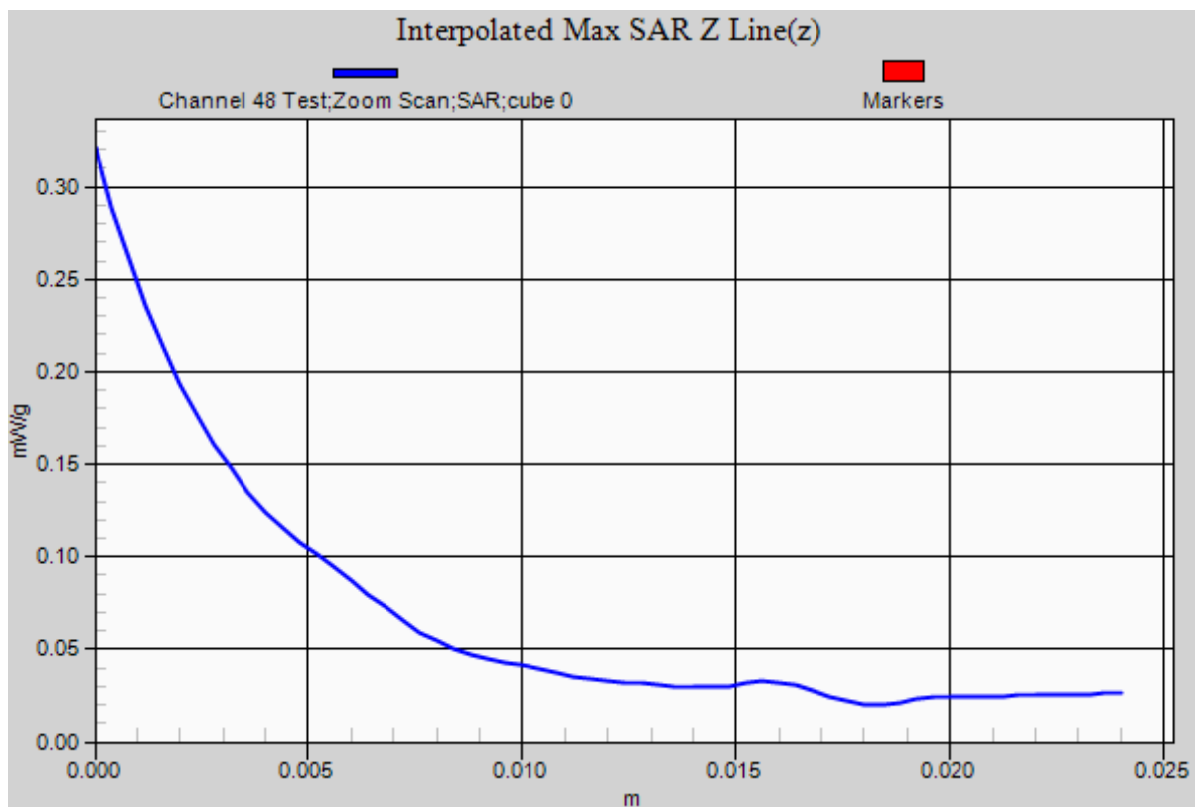
Ambient Temperature  
Liquid Temperature  
Humidity

20.9 Degrees Celsius  
20.7 Degrees Celsius  
38.0%



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Test Date: 19 June 2012

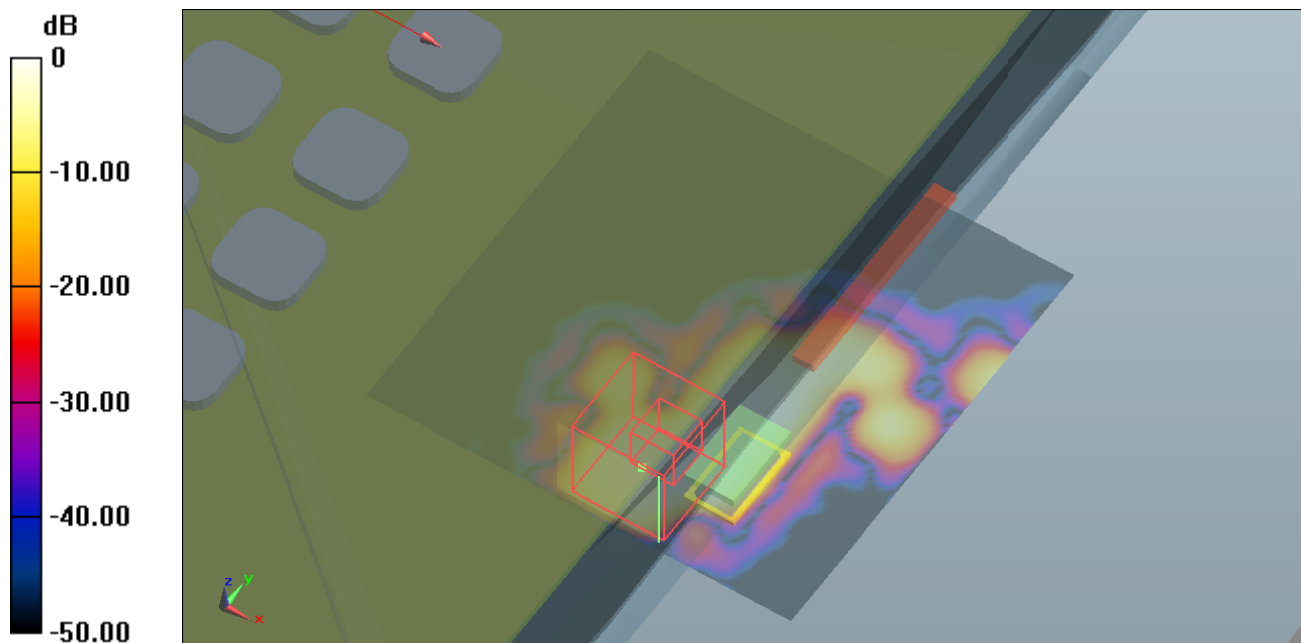
File Name: M120603\_Lap Held OFDM 5200 MHz Antenna B (2) 19-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHWMW; Serial: WFM: 001500647600**

- \* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5180 MHz; Duty Cycle: 1:17.0451
- \* Medium parameters used:  $f = 5183.2$  MHz;  $\sigma = 5.363$  mho/m;  $\epsilon_r = 48.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 36 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.0971 mW/g

**Configuration/Channel 36 Test/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 2.530 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.311 mW/g  
**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.030 mW/g**  
Maximum value of SAR (measured) = 0.130 mW/g



0 dB = 0.0971 mW/g = -20.26 dB mW/g

**SAR MEASUREMENT PLOT 2**

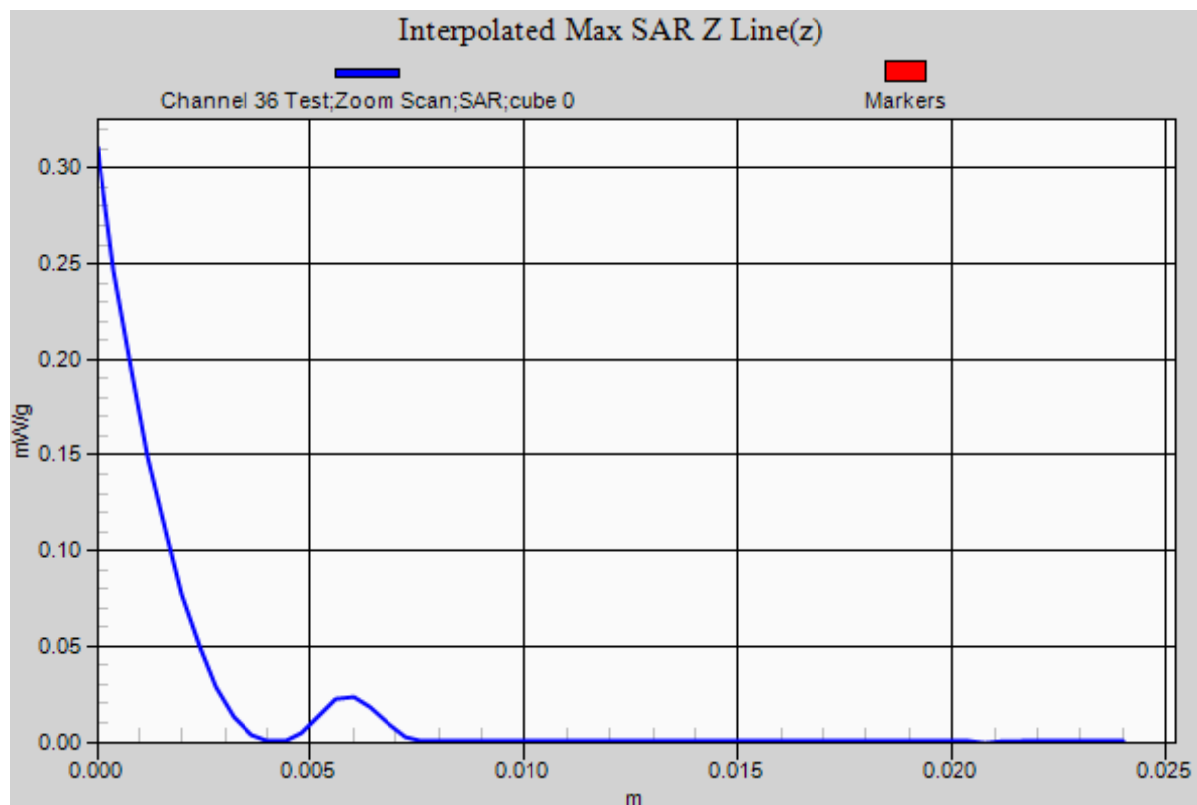
Ambient Temperature  
Liquid Temperature  
Humidity

20.5 Degrees Celsius  
20.2 Degrees Celsius  
43.0%



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**Test Date: 19 June 2012**

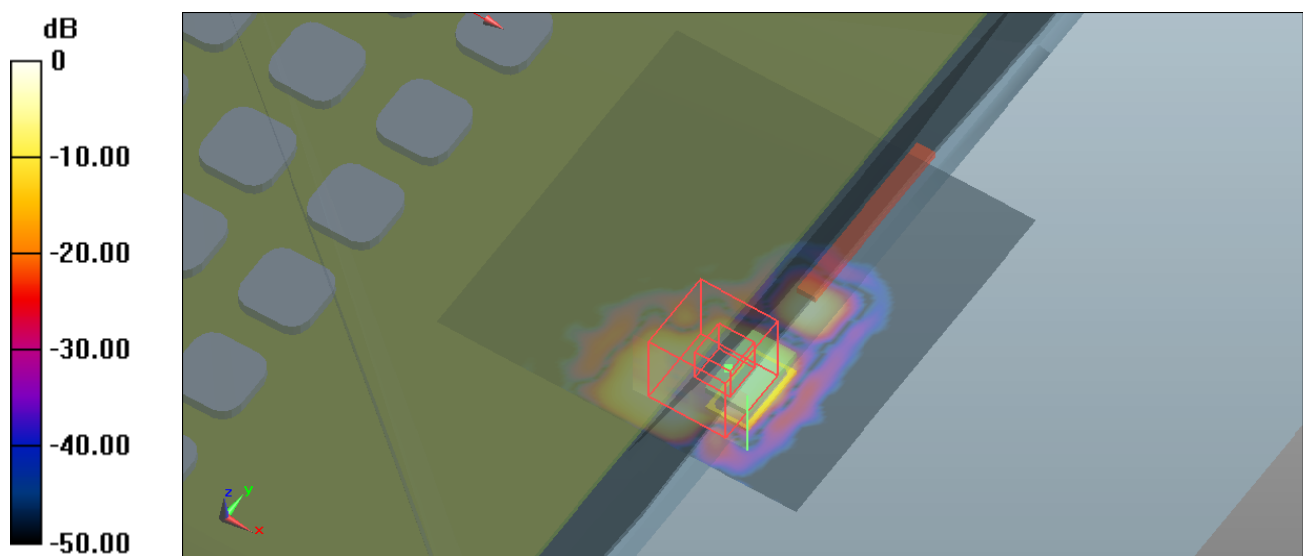
File Name: M120603\_Lap Held OFDM 5200 MHz Antenna B (2) 19-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHWMW; Serial: WFM: 001500647600**

- \* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5240 MHz; Duty Cycle: 1:17.0451
- \* Medium parameters used:  $f = 5242.6$  MHz;  $\sigma = 5.469$  mho/m;  $\epsilon_r = 48.637$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 48 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.0961 mW/g

**Configuration/Channel 48 Test/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 1.876 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 0.296 mW/g  
**SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.031 mW/g**  
Maximum value of SAR (measured) = 0.127 mW/g



0 dB = 0.0961 mW/g = -20.35 dB mW/g

**SAR MEASUREMENT PLOT 3**

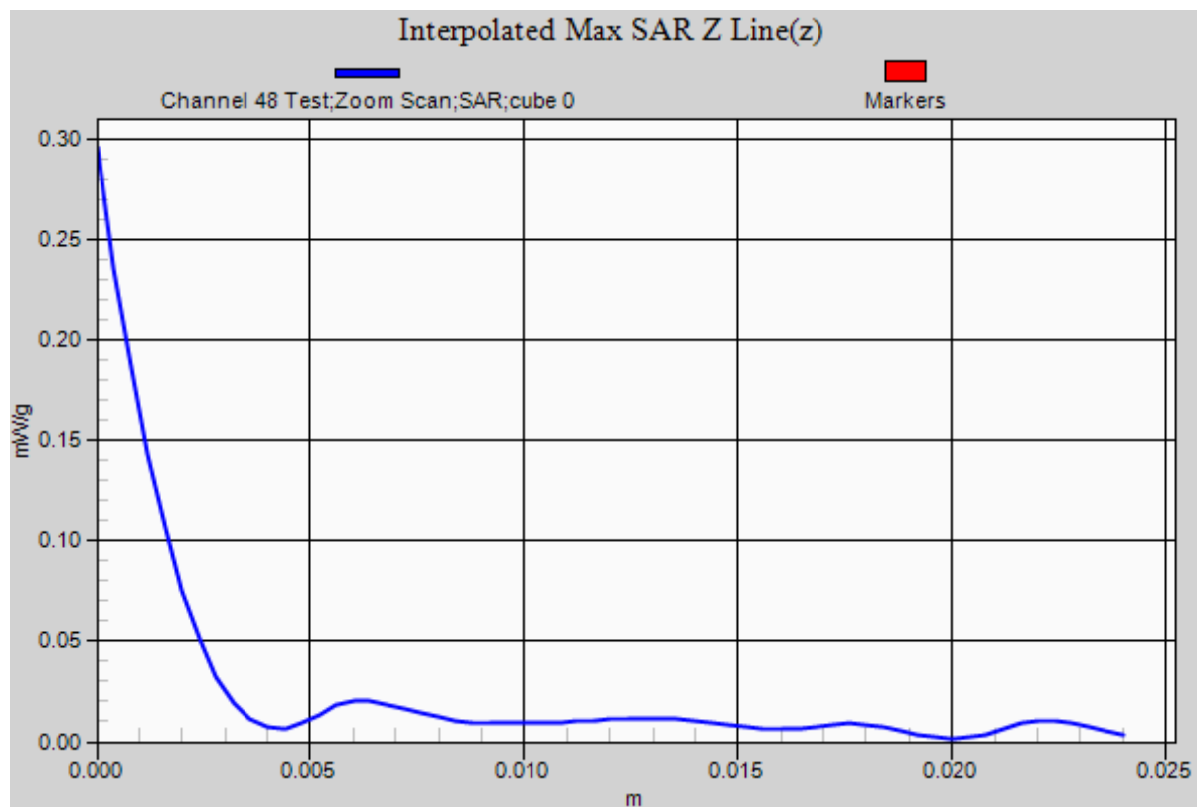
Ambient Temperature  
Liquid Temperature  
Humidity

20.5 Degrees Celsius  
20.2 Degrees Celsius  
43.0%



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Test Date: 19 June 2012

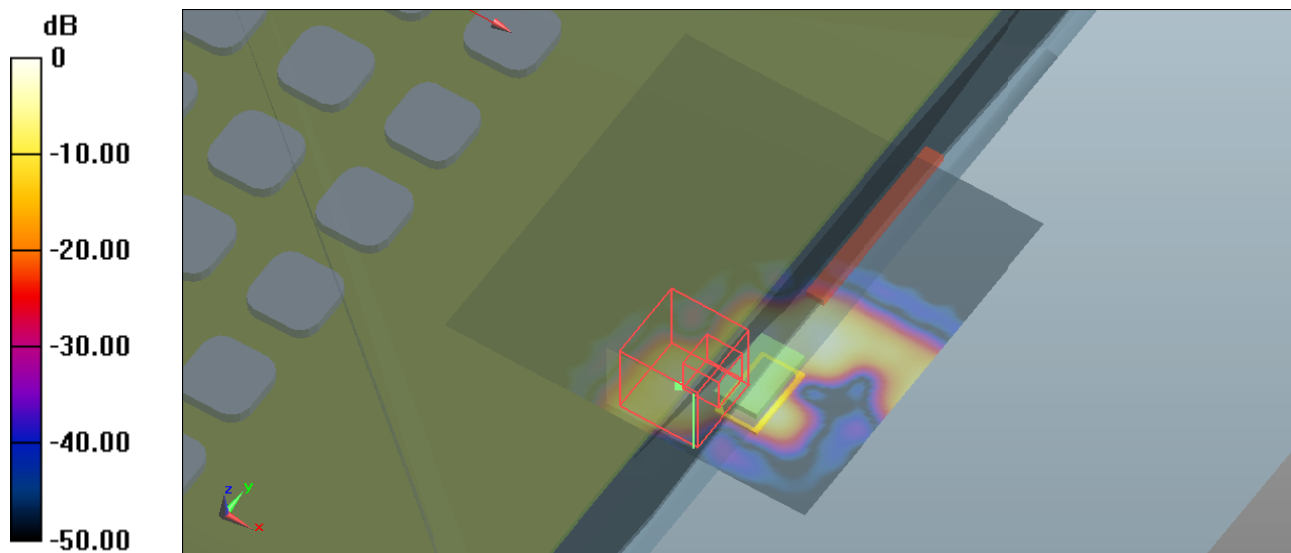
File Name: M120603\_Lap Held OFDM 5200 MHz Antenna B (2) 19-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHWMW; Serial: WFM: 001500647600**

- \* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- \* Medium parameters used:  $f = 5262.4$  MHz;  $\sigma = 5.502$  mho/m;  $\epsilon_r = 48.583$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 52 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.213 mW/g

**Configuration/Channel 52 Test/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 1.842 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.228 mW/g  
**SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.023 mW/g**  
Maximum value of SAR (measured) = 0.120 mW/g



0 dB = 0.213 mW/g = -13.43 dB mW/g

**SAR MEASUREMENT PLOT 4**

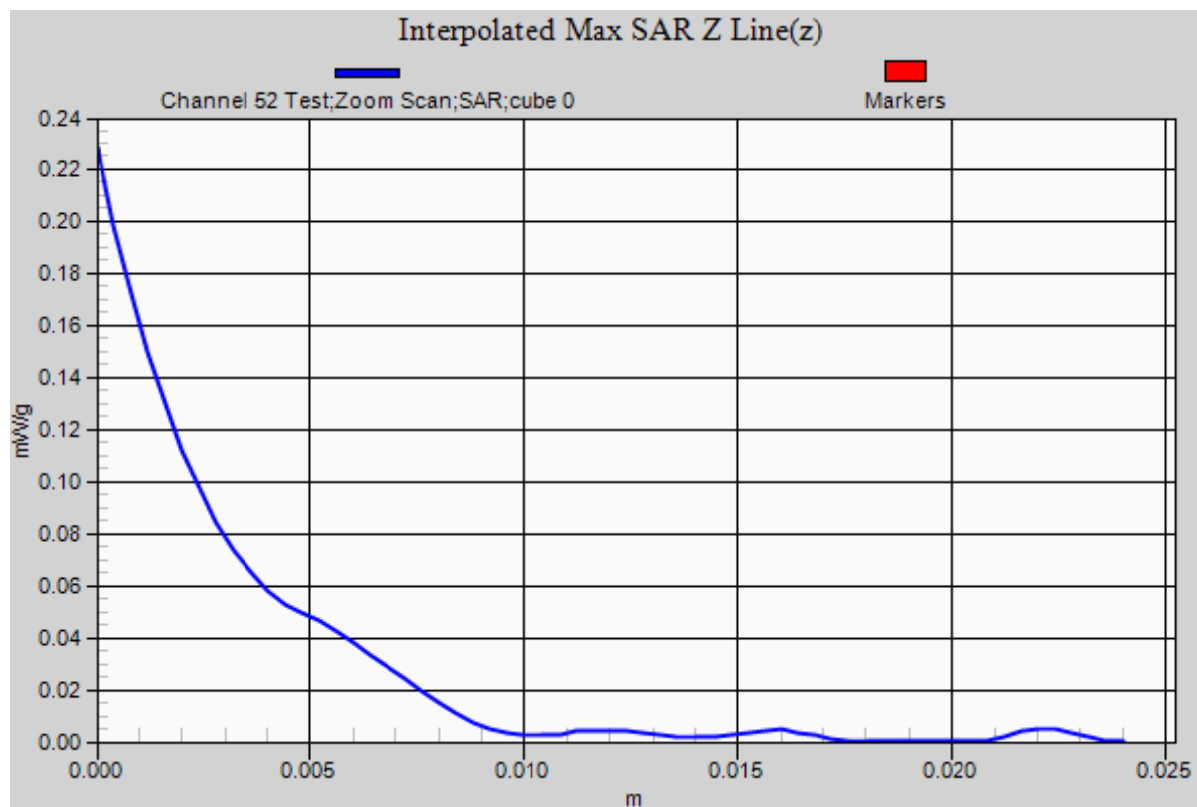
Ambient Temperature  
Liquid Temperature  
Humidity

20.5 Degrees Celsius  
20.2 Degrees Celsius  
43.0%



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Test Date: 19 June 2012

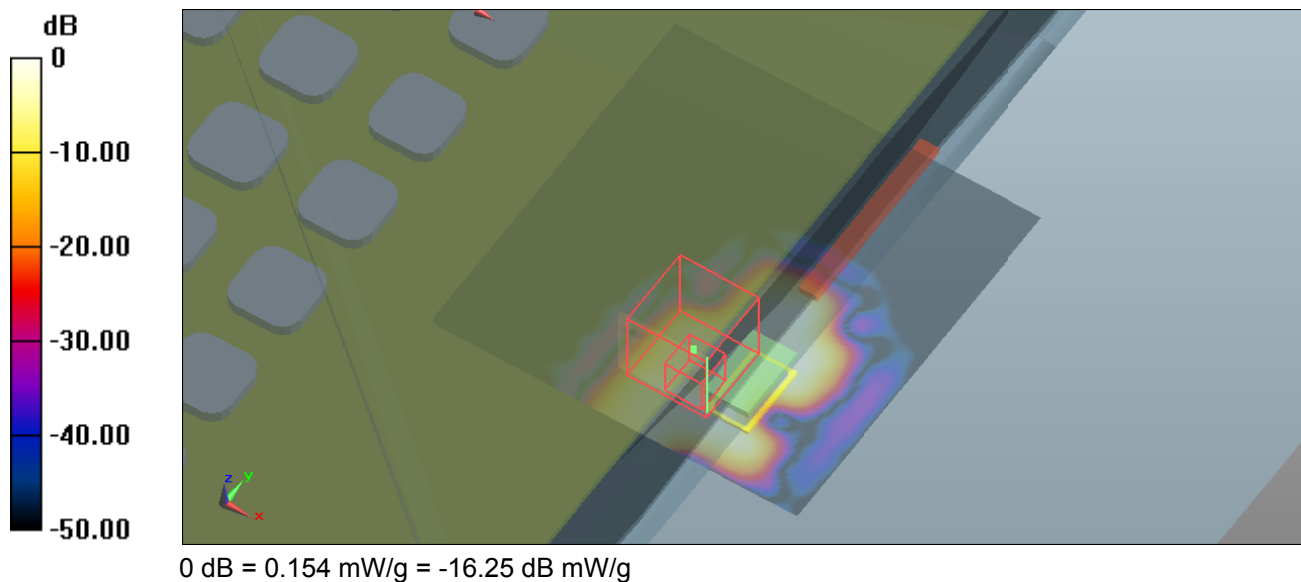
File Name: M120603\_Lap Held OFDM 5200 MHz Antenna B (2) 19-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHWMW; Serial: WFM: 001500647600**

- \* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5320 MHz; Duty Cycle: 1:17.0451
- \* Medium parameters used:  $f = 5321.8$  MHz;  $\sigma = 5.617$  mho/m;  $\epsilon_r = 48.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 64 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.154 mW/g

**Configuration/Channel 64 Test/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 2.092 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 0.257 mW/g  
**SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.030 mW/g**  
Maximum value of SAR (measured) = 0.157 mW/g



**SAR MEASUREMENT PLOT 5**

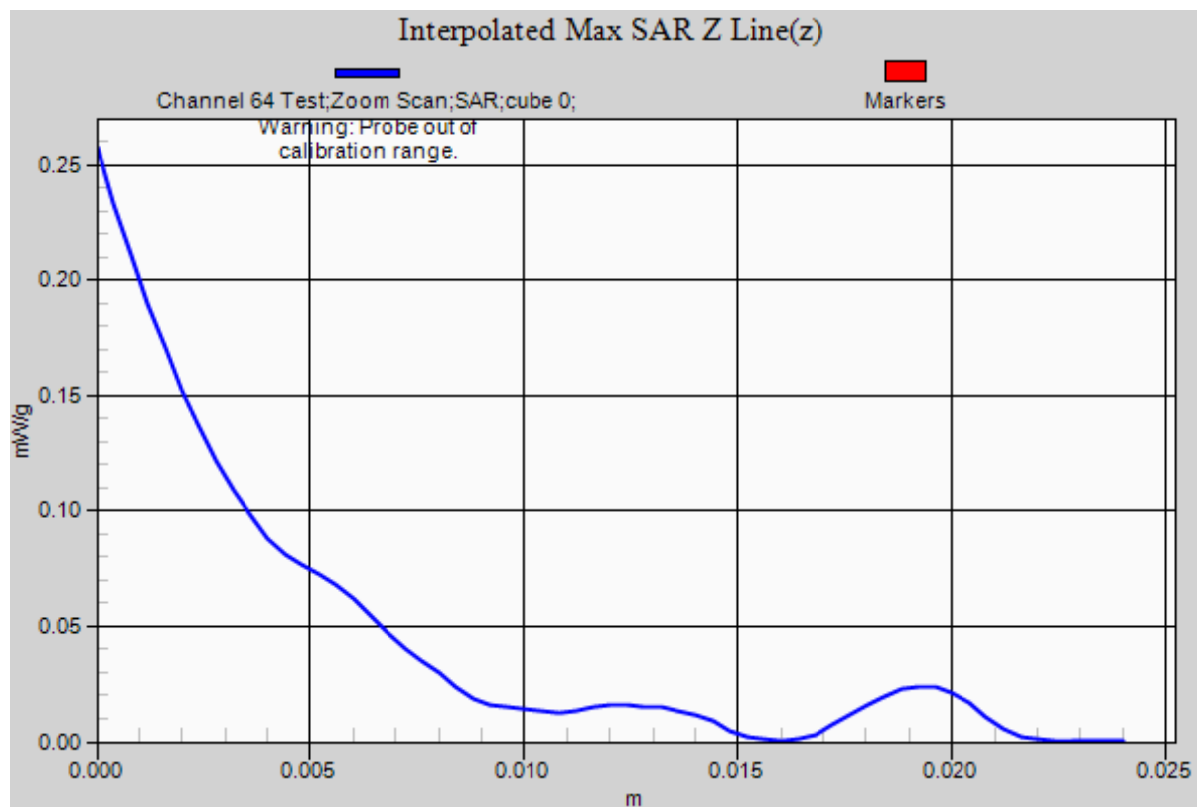
Ambient Temperature  
Liquid Temperature  
Humidity

20.5 Degrees Celsius  
20.2 Degrees Celsius  
43.0%



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Test Date: 20 June 2012

File Name: M120603\_Edge On Secondary Landscape OFDM 5200 MHz Antenna A (1) 20-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5180 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5183.2$  MHz;  $\sigma = 5.327$  mho/m;  $\epsilon_r = 48.448$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 36 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.01 mW/g

**Configuration/Channel 36 Test/Zoom Scan (8x8x12)/Cube 0:** Measurement grid:

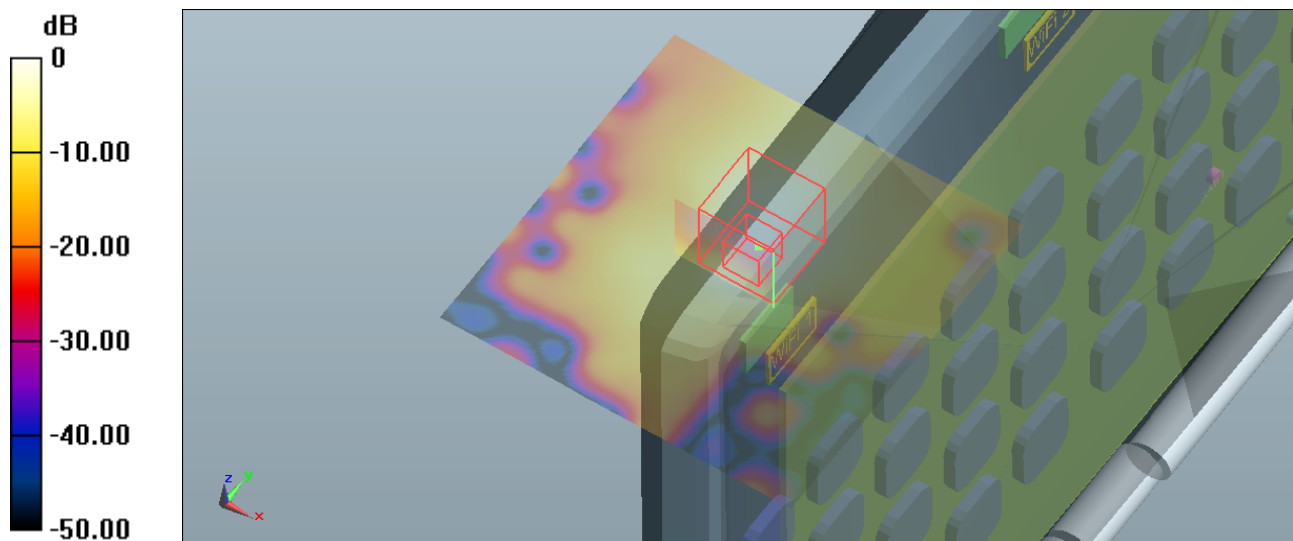
dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.105 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.289 mW/g

**SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.308 mW/g**

Maximum value of SAR (measured) = 1.77 mW/g



**SAR MEASUREMENT PLOT 6**

Ambient Temperature

Liquid Temperature

Humidity

20.9 Degrees Celsius

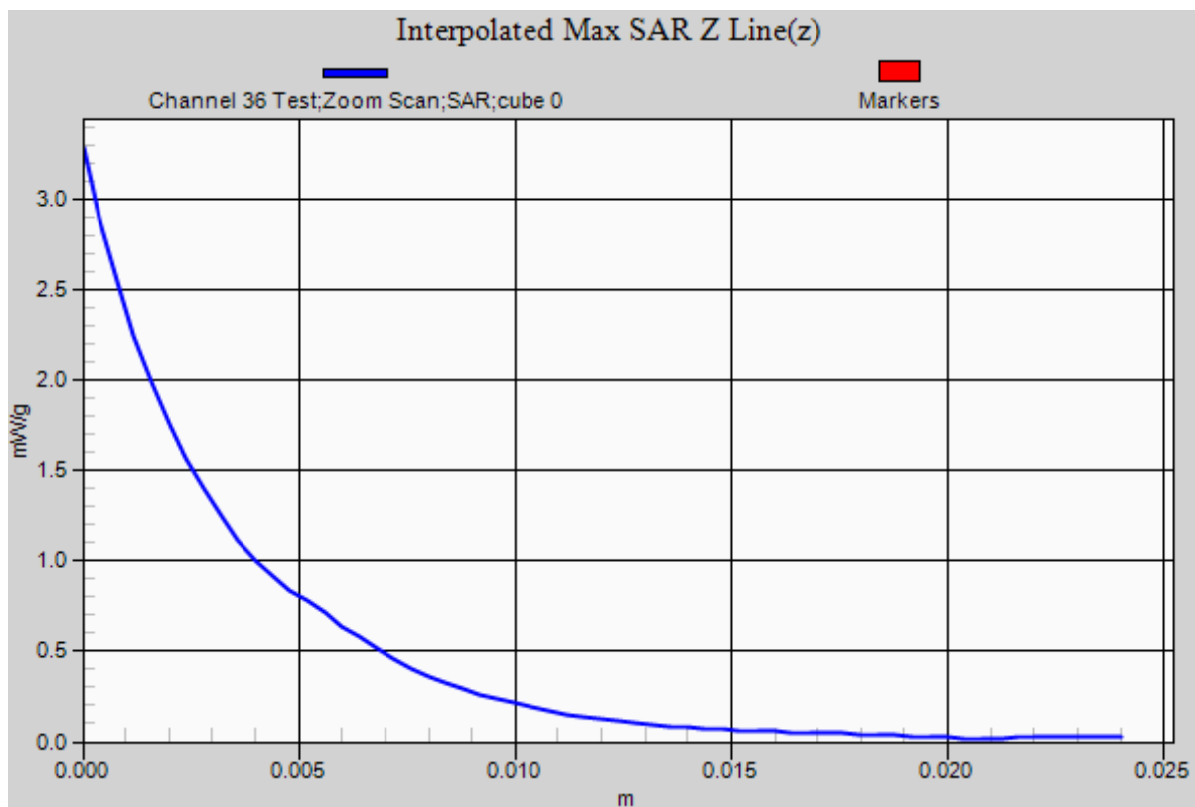
20.7 Degrees Celsius

38.0%



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Test Date: 20 June 2012

File Name: M120603 Edge On Secondary Landscape OFDM 5200 MHz Antenna A (1) 20-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5240 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5242.6$  MHz;  $\sigma = 5.418$  mho/m;  $\epsilon_r = 48.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 48 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.03 mW/g

**Configuration/Channel 48 Test/Zoom Scan (8x8x12)/Cube 0:** Measurement grid:

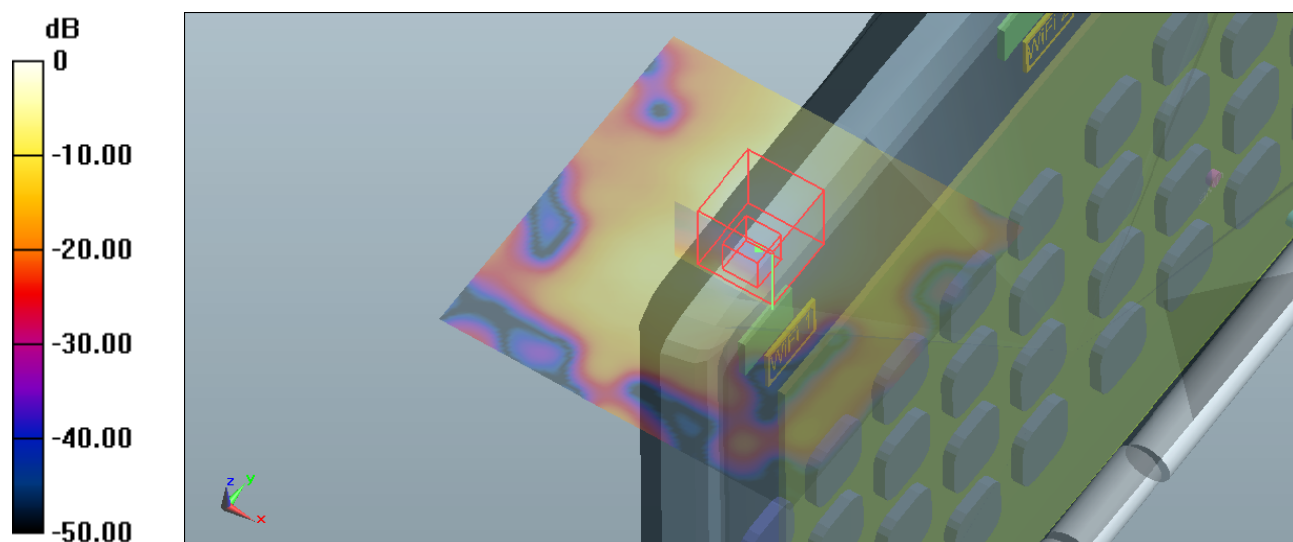
dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.066 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 3.064 mW/g

**SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.327 mW/g**

Maximum value of SAR (measured) = 1.82 mW/g



0 dB = 1.03 mW/g = 0.26 dB mW/g

**SAR MEASUREMENT PLOT 7**

Ambient Temperature

20.9 Degrees Celsius

Liquid Temperature

20.7 Degrees Celsius

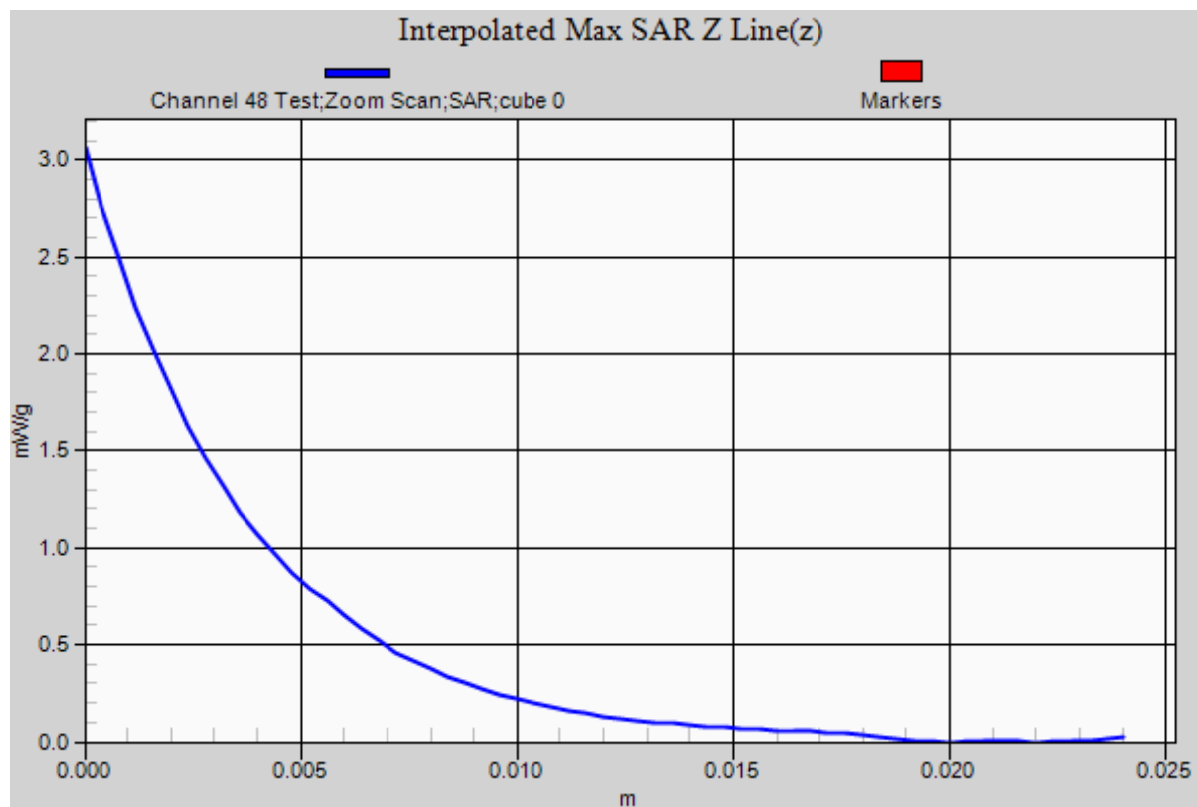
Humidity

38.0%



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Test Date: 20 June 2012

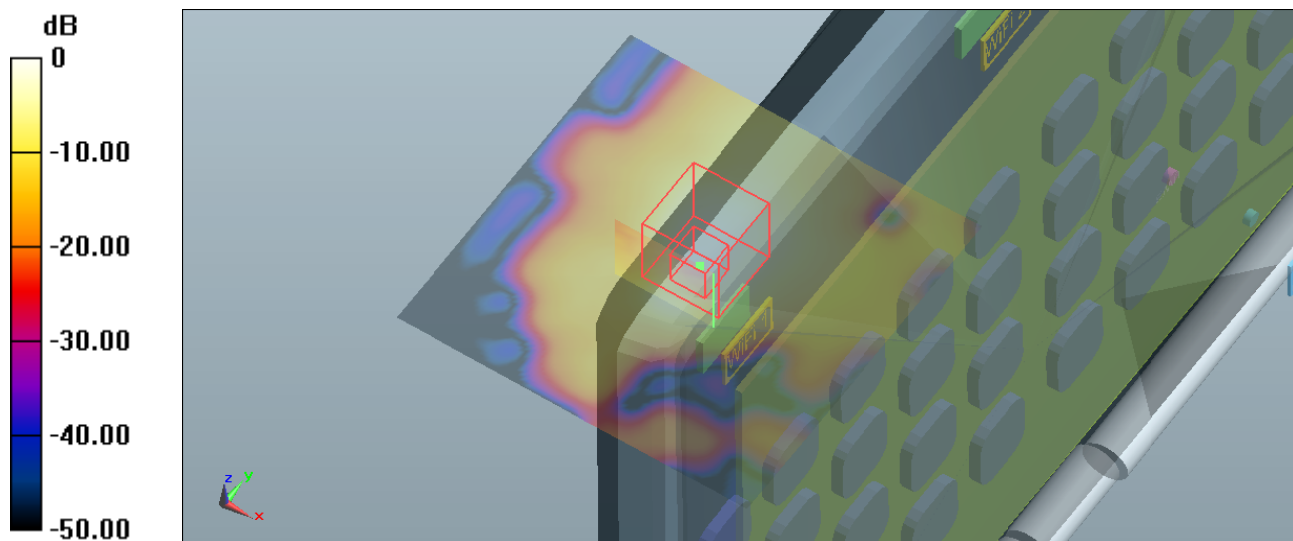
File Name: M120603 Edge On Secondary Landscape OFDM 5200 MHz Antenna A (1) 20-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMMW; Serial: WFM: 001500647600**

- \* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- \* Medium parameters used:  $f = 5262.4$  MHz;  $\sigma = 5.463$  mho/m;  $\epsilon_r = 48.299$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 52 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.19 mW/g

**Configuration/Channel 52 Test/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 15.732 V/m; Power Drift = 0.16 dB  
Peak SAR (extrapolated) = 3.914 mW/g  
**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.353 mW/g**  
Maximum value of SAR (measured) = 2.15 mW/g



0 dB = 1.19 mW/g = 1.51 dB mW/g

**SAR MEASUREMENT PLOT 8**

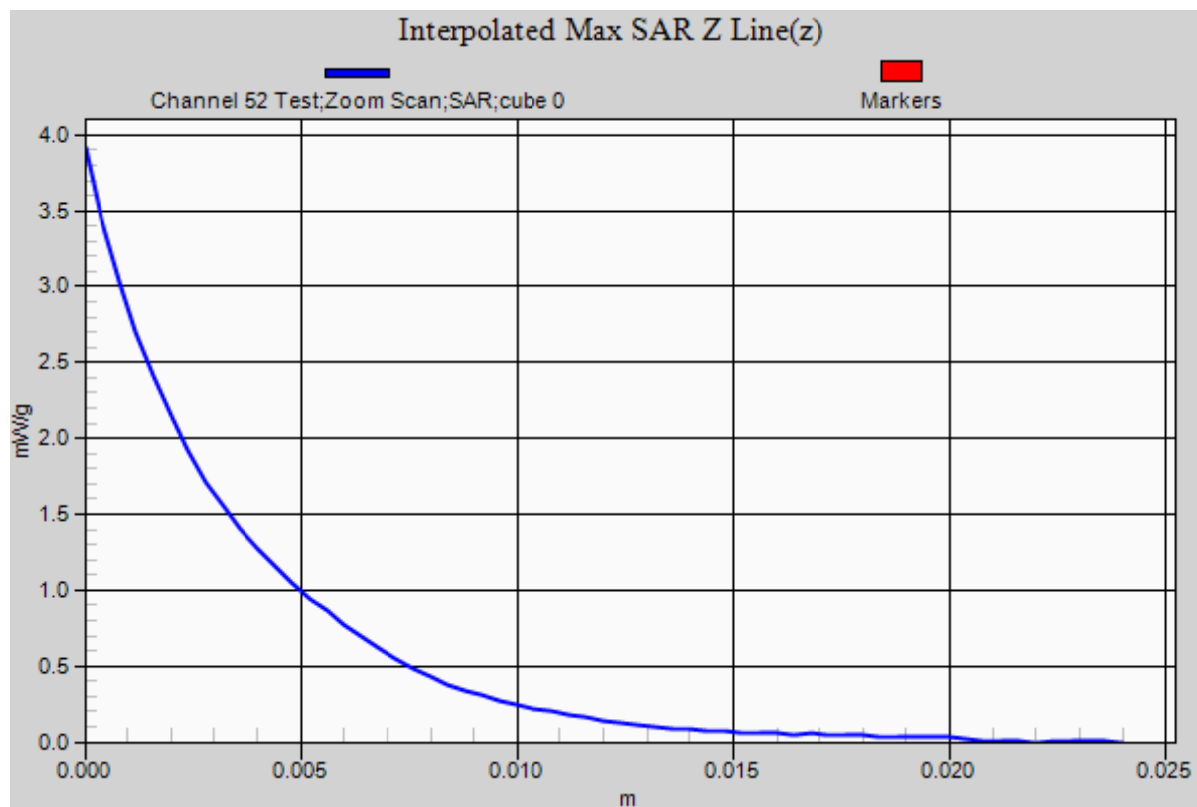
Ambient Temperature  
Liquid Temperature  
Humidity

20.9 Degrees Celsius  
20.7 Degrees Celsius  
38.0%



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Test Date: 20 June 2012

File Name: M120603 Edge On Secondary Landscape OFDM 5200 MHz Antenna A (1) 20-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5320 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5321.8$  MHz;  $\sigma = 5.55$  mho/m;  $\epsilon_r = 48.123$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 64 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.782 mW/g

**Configuration/Channel 64 Test/Zoom Scan (8x8x12)/Cube 0:** Measurement grid:

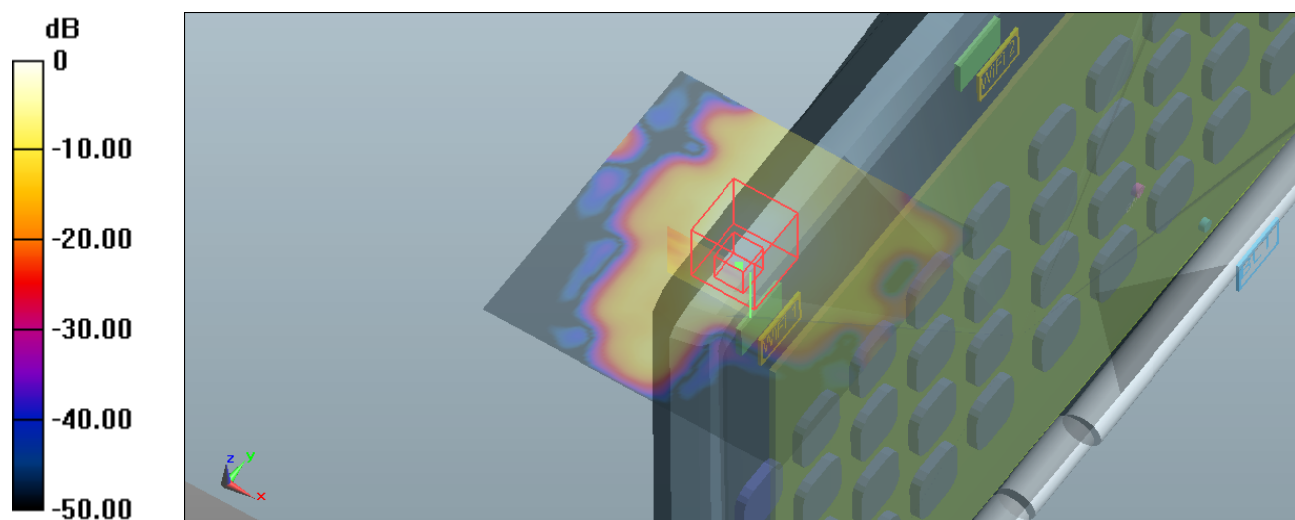
dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.841 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.000 mW/g

**SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.211 mW/g**

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 0.782 mW/g = -2.14 dB mW/g

**SAR MEASUREMENT PLOT 9**

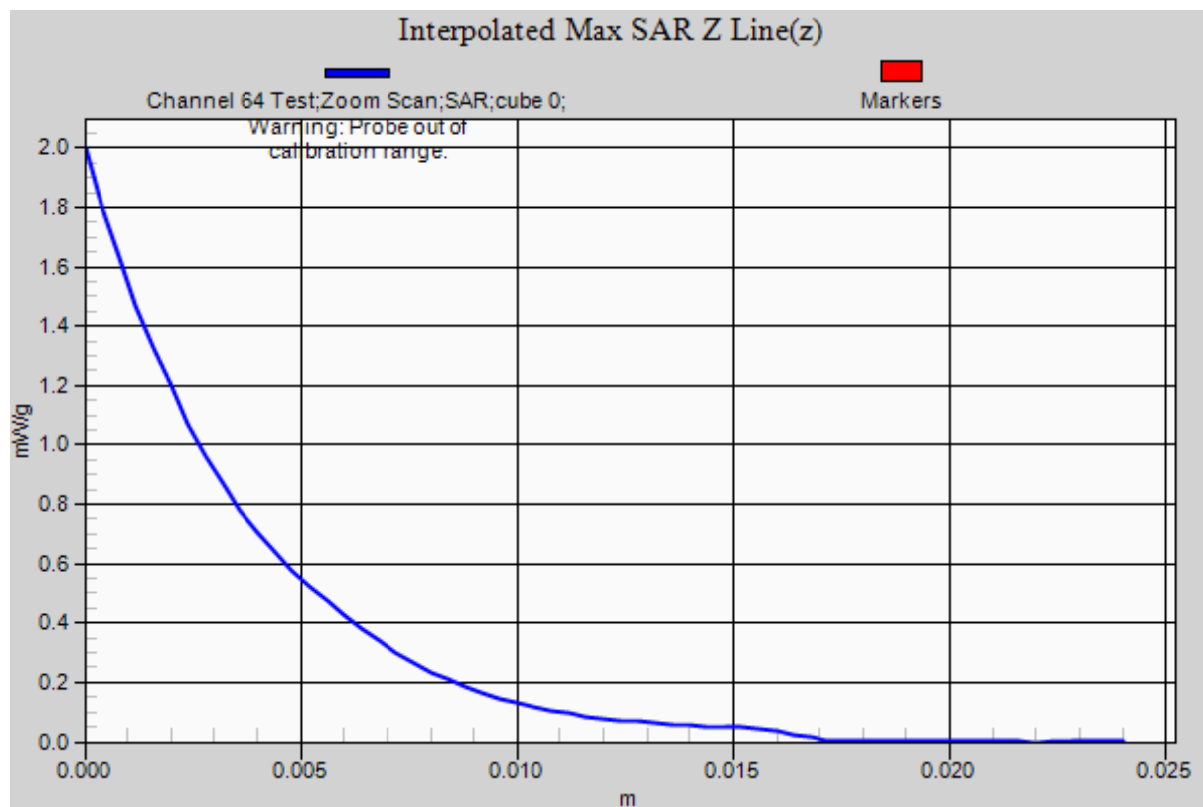
Ambient Temperature  
Liquid Temperature  
Humidity

20.9 Degrees Celsius  
20.7 Degrees Celsius  
38.0%



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**Test Date: 20 June 2012**

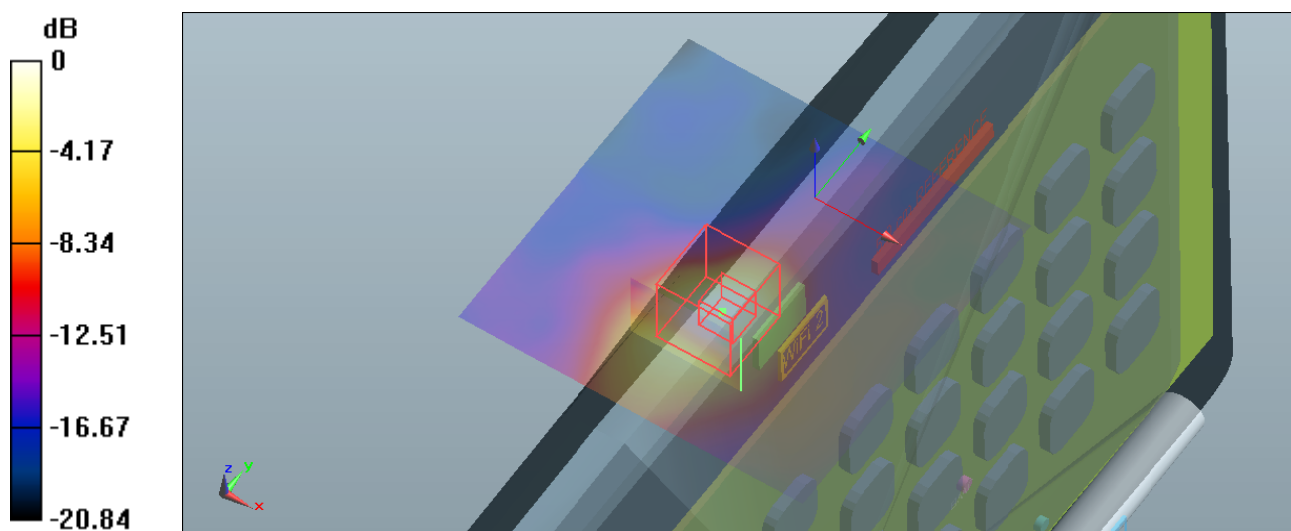
File Name: M120603 Edge On Secondary Landscape OFDM 5200 MHz Antenna B (2) 20-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMMW; Serial: WFM: 001500647600**

- \* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5180 MHz; Duty Cycle: 1:17.0451
- \* Medium parameters used:  $f = 5183.2$  MHz;  $\sigma = 5.327$  mho/m;  $\epsilon_r = 48.448$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 36 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.09 mW/g

**Configuration/Channel 36 Test/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 7.749 V/m; Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 3.101 mW/g  
**SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.323 mW/g**  
Maximum value of SAR (measured) = 1.66 mW/g



0 dB = 1.09 mW/g = 0.75 dB mW/g

**SAR MEASUREMENT PLOT 10**

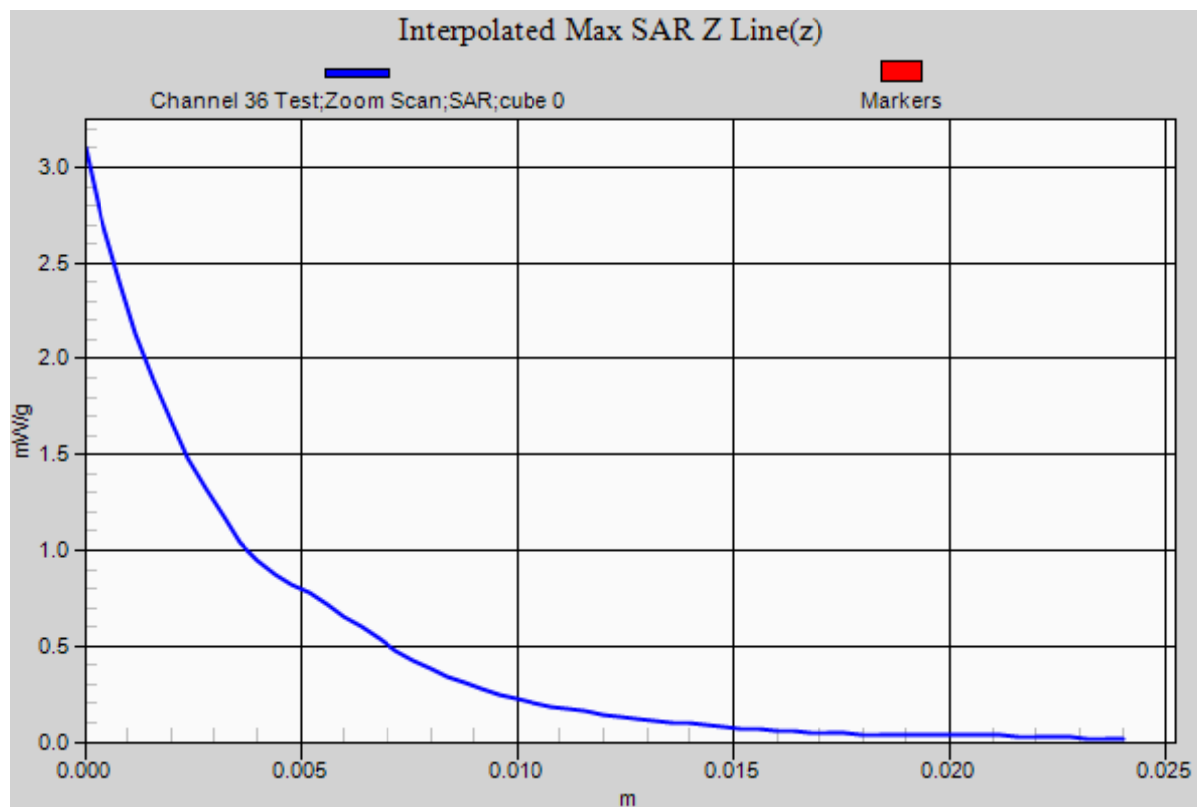
**Ambient Temperature**  
**Liquid Temperature**  
**Humidity**

**20.9 Degrees Celsius**  
**20.7 Degrees Celsius**  
**38.0%**



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Test Date: 20 June 2012

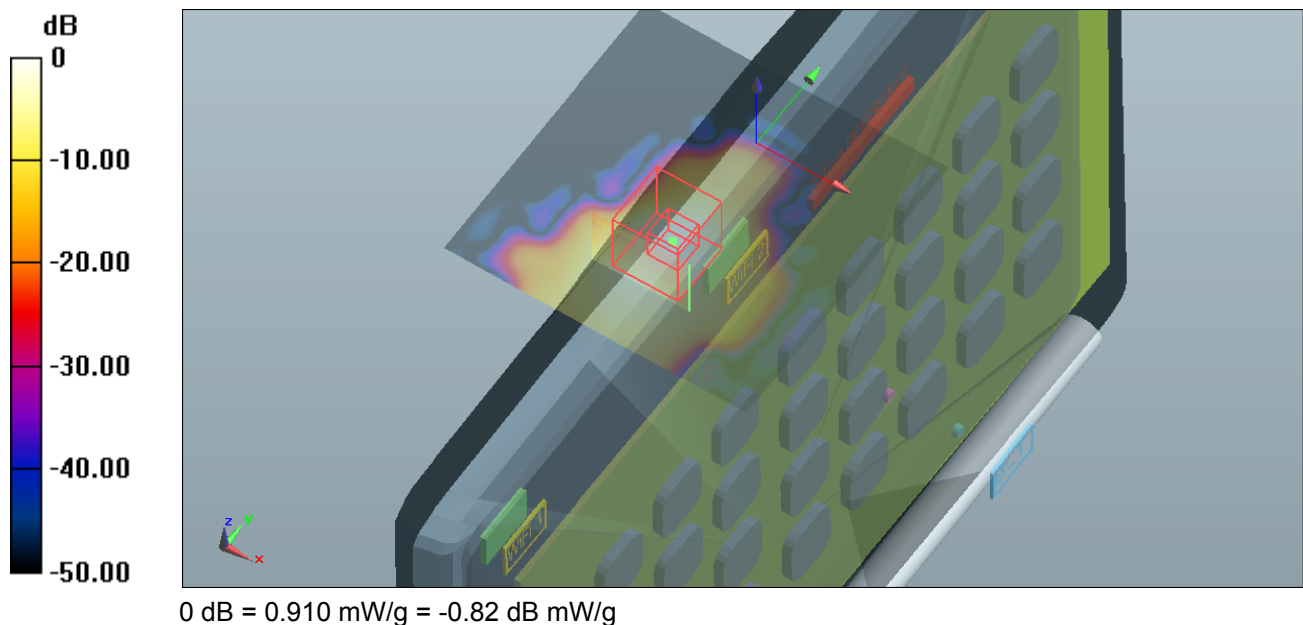
File Name: M120603 Edge On Secondary Landscape OFDM 5200 MHz Antenna B (2) 20-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHWMW; Serial: WFM: 001500647600**

- \* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5240 MHz; Duty Cycle: 1:17.0451
- \* Medium parameters used:  $f = 5242.6$  MHz;  $\sigma = 5.418$  mho/m;  $\epsilon_r = 48.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 48 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.910 mW/g

**Configuration/Channel 48 Test/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 5.652 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 2.178 mW/g  
**SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.233 mW/g**  
Maximum value of SAR (measured) = 1.31 mW/g



**SAR MEASUREMENT PLOT 11**

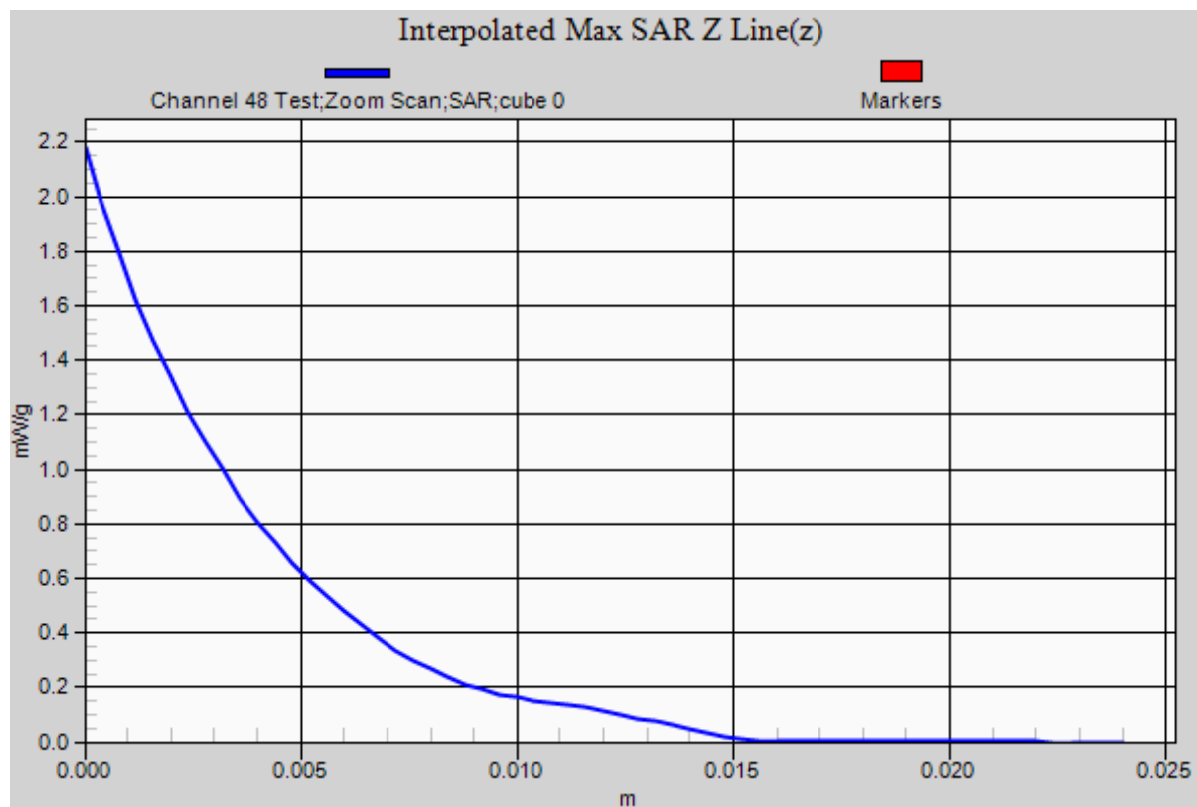
Ambient Temperature  
Liquid Temperature  
Humidity

20.9 Degrees Celsius  
20.7 Degrees Celsius  
38.0%



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**Test Date: 20 June 2012**

File Name: M120603 Edge On Secondary Landscape OFDM 5200 MHz Antenna B (2) 20-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5262.4$  MHz;  $\sigma = 5.463$  mho/m;  $\epsilon_r = 48.299$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 52 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.875 mW/g

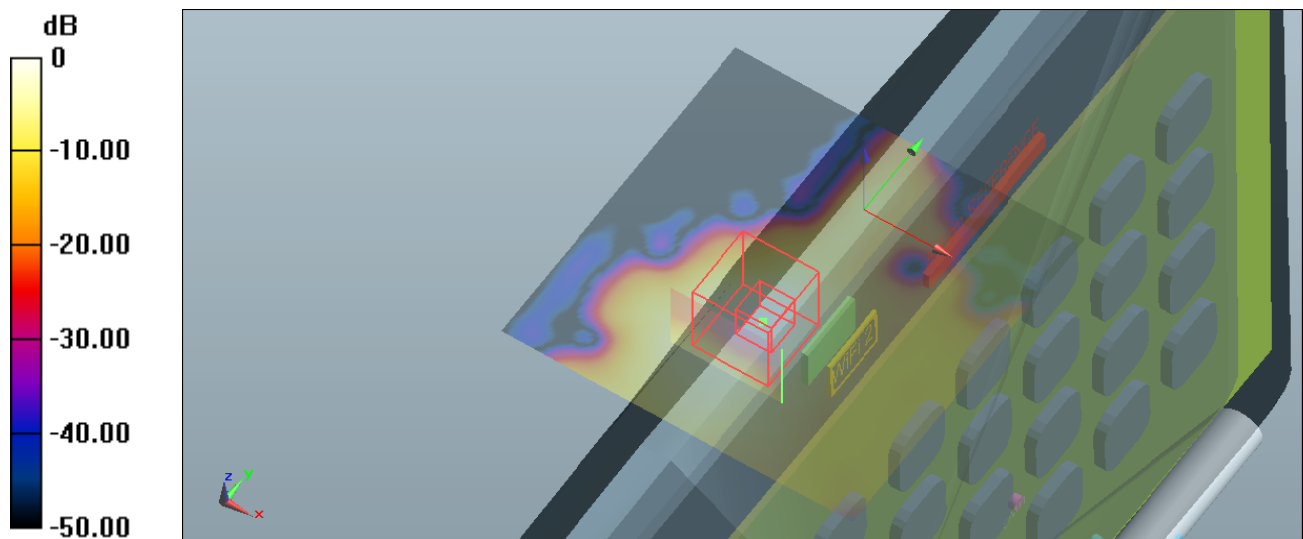
**Configuration/Channel 52 Test/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.581 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.251 mW/g

**SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.240 mW/g**

Maximum value of SAR (measured) = 1.39 mW/g



0 dB = 0.875 mW/g = -1.16 dB mW/g

**SAR MEASUREMENT PLOT 12**

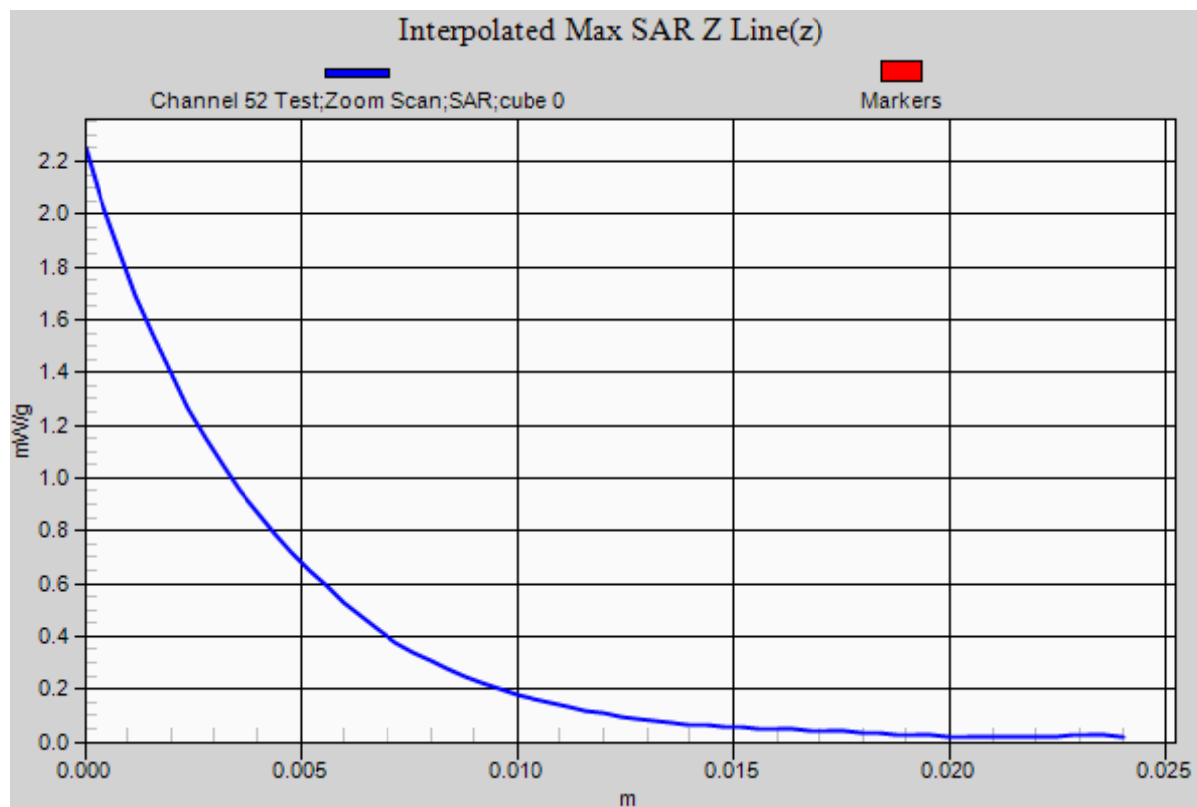
Ambient Temperature  
Liquid Temperature  
Humidity

20.9 Degrees Celsius  
20.7 Degrees Celsius  
38.0%



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**Test Date: 20 June 2012**

File Name: M120603\_Edge On Secondary Landscape OFDM 5200 MHz Antenna B (2) 20-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5320 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5321.8$  MHz;  $\sigma = 5.55$  mho/m;  $\epsilon_r = 48.123$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 64 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.52 mW/g

**Configuration/Channel 64 Test/Zoom Scan (9x9x12)/Cube 0:** Measurement grid:

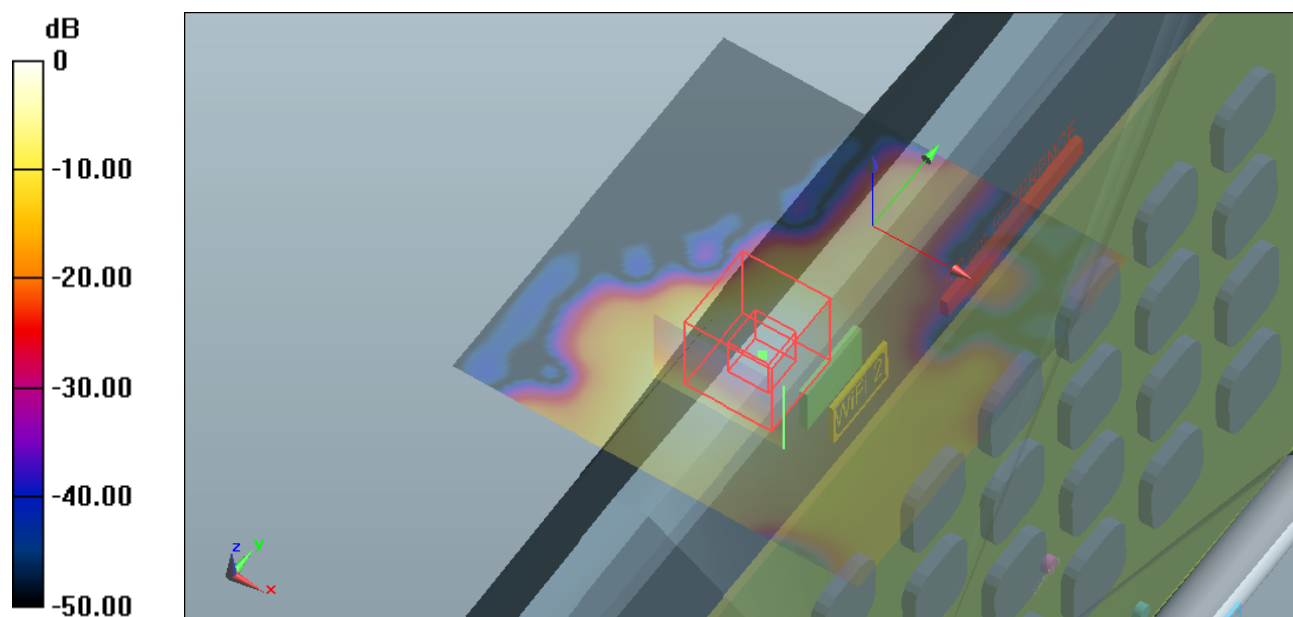
dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.935 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.941 mW/g

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.408 mW/g**

Maximum value of SAR (measured) = 2.30 mW/g



0 dB = 1.52 mW/g = 3.64 dB mW/g

**SAR MEASUREMENT PLOT 13**

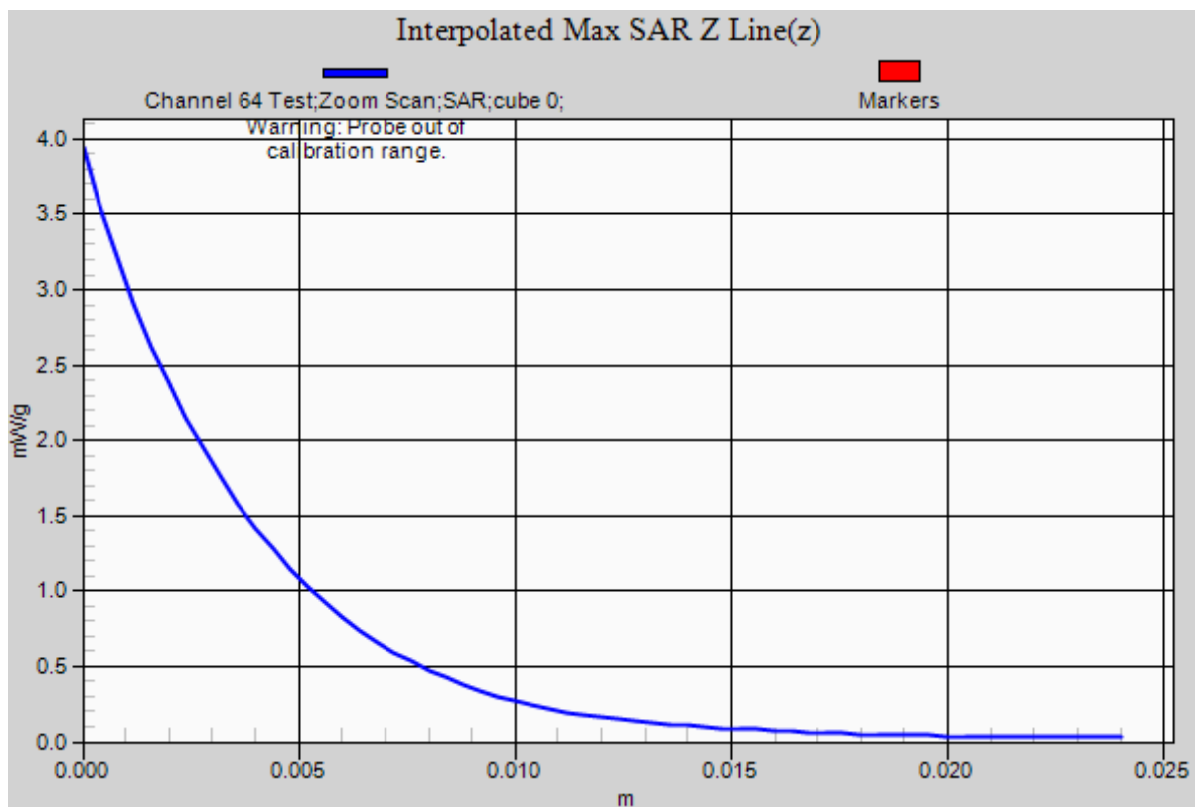
Ambient Temperature  
Liquid Temperature  
Humidity

20.9 Degrees Celsius  
20.7 Degrees Celsius  
38.0%



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**Test Date: 20 June 2012**

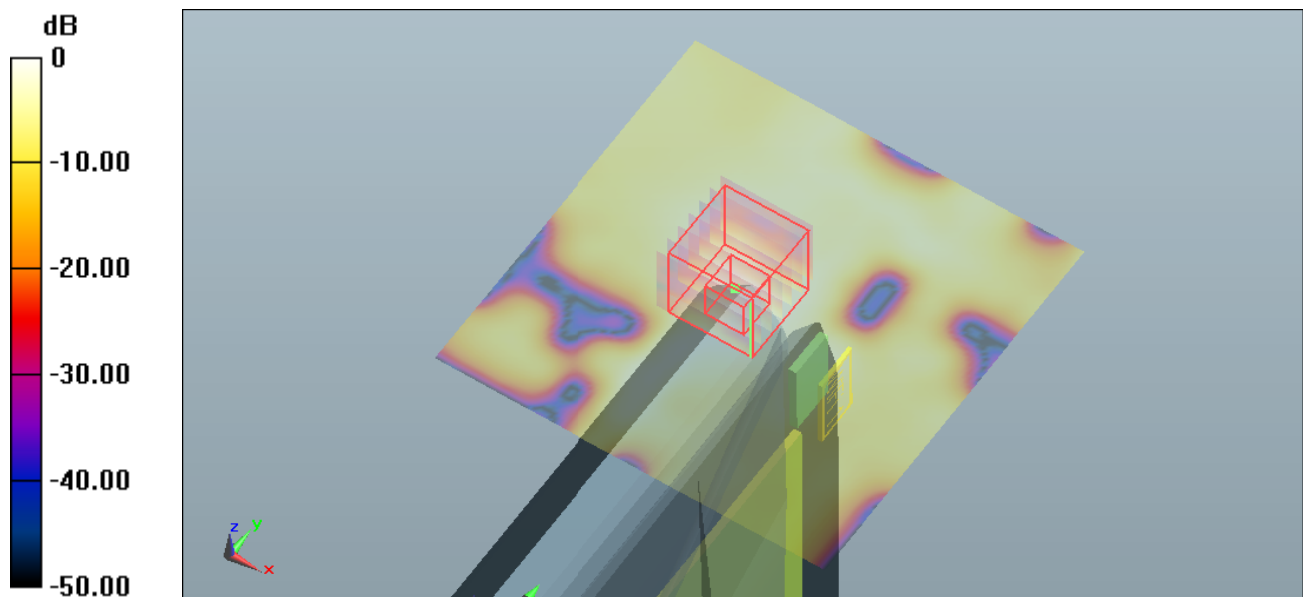
File Name: M120603\_Edge On Primary Portrait OFDM 5200 MHz Antenna A (1) 20-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHWMW; Serial: WFM: 001500647600**

- \* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5240 MHz; Duty Cycle: 1:17.0451
- \* Medium parameters used:  $f = 5242.6$  MHz;  $\sigma = 5.418$  mho/m;  $\epsilon_r = 48.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 48 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.143 mW/g

**Configuration/Channel 48 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 4.337 V/m; Power Drift = 0.15 dB  
Peak SAR (extrapolated) = 0.378 mW/g  
**SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.051 mW/g**  
Maximum value of SAR (measured) = 0.223 mW/g



0 dB = 0.143 mW/g = -16.89 dB mW/g

**SAR MEASUREMENT PLOT 14**

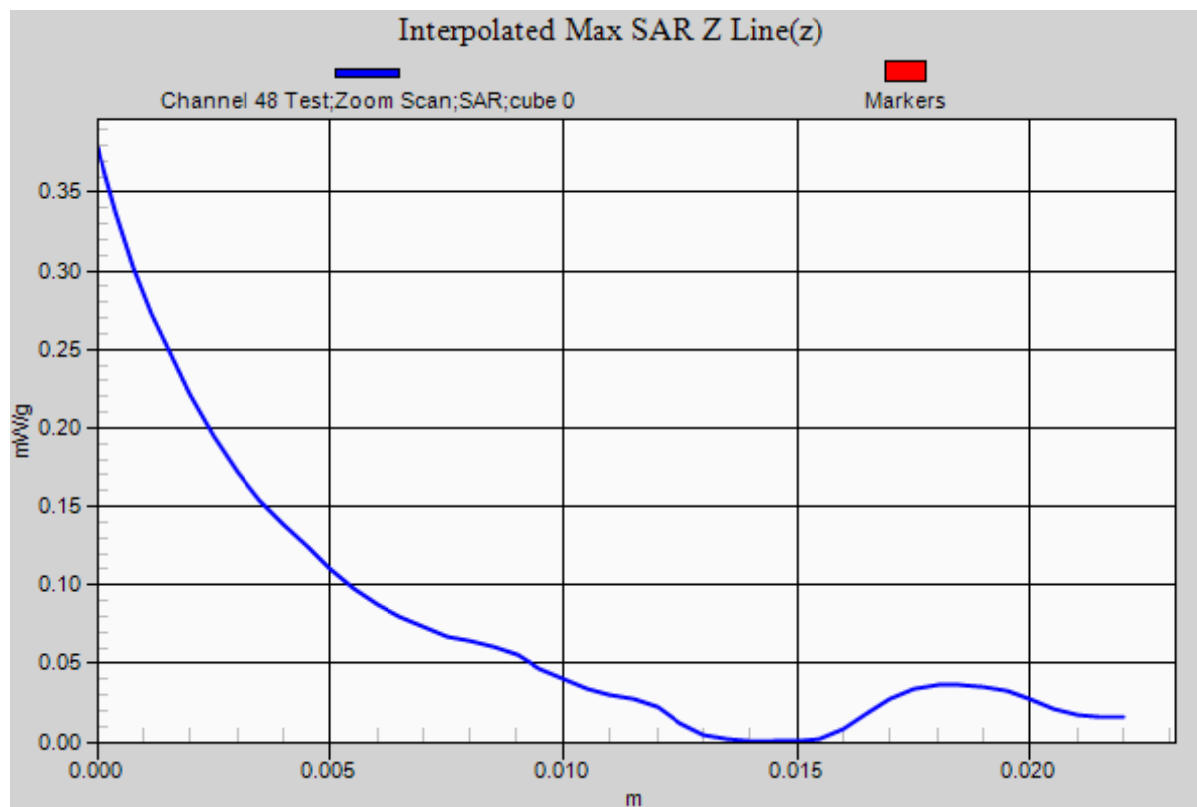
Ambient Temperature  
Liquid Temperature  
Humidity

20.9 Degrees Celsius  
20.7 Degrees Celsius  
38.0%



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Test Date: 20 June 2012

File Name: M120603\_Edge On Primary Portrait OFDM 5200 MHz Antenna B (2) 20-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5240 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5242.6$  MHz;  $\sigma = 5.418$  mho/m;  $\epsilon_r = 48.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 48 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.221 mW/g

**Configuration/Channel 48 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:

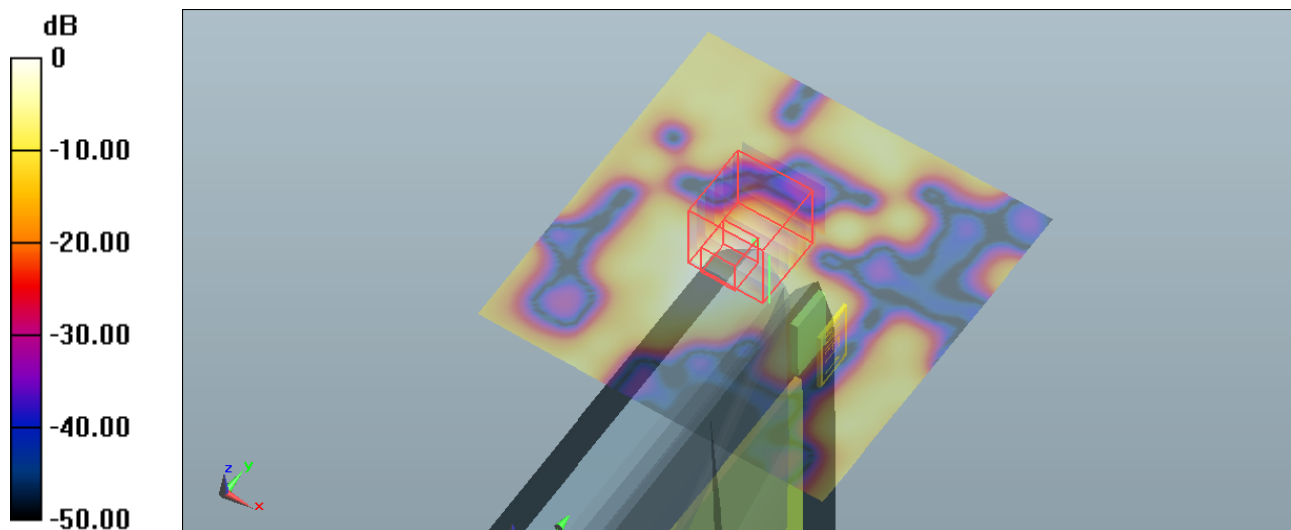
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.144 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.609 mW/g

**SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.341 mW/g



0 dB = 0.221 mW/g = -13.11 dB mW/g

**SAR MEASUREMENT PLOT 15**

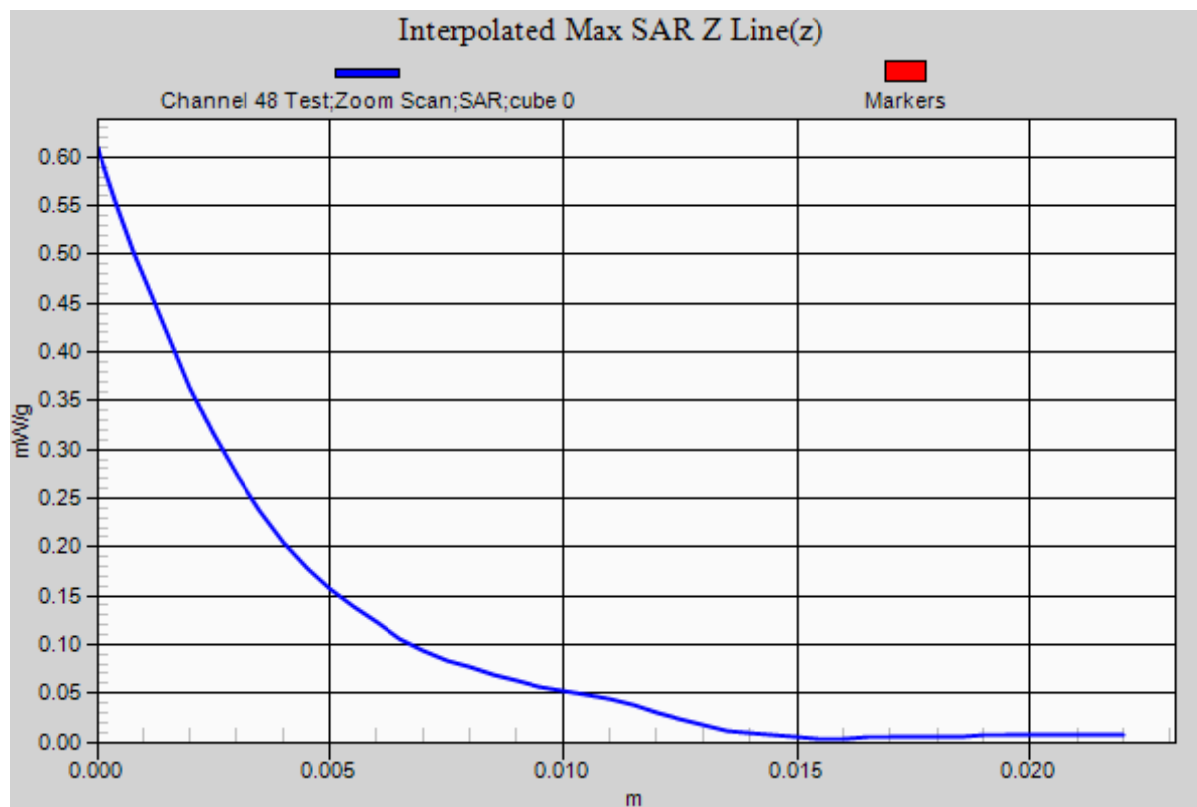
Ambient Temperature  
Liquid Temperature  
Humidity

20.9 Degrees Celsius  
20.7 Degrees Celsius  
38.0%



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**Test Date: 19 June 2012**

File Name: M120603 Bystander 25mm Spacing OFDM 5200 MHz Antenna A (1) 19-06-12.da52:0

**DUT: Fujitsu Tablet Tercel with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5240 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5242.6$  MHz;  $\sigma = 5.469$  mho/m;  $\epsilon_r = 48.637$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.71, 3.71, 3.71); Calibrated: 14/12/2011

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Configuration/Channel 48 Test/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.116 mW/g

**Configuration/Channel 48 Test/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

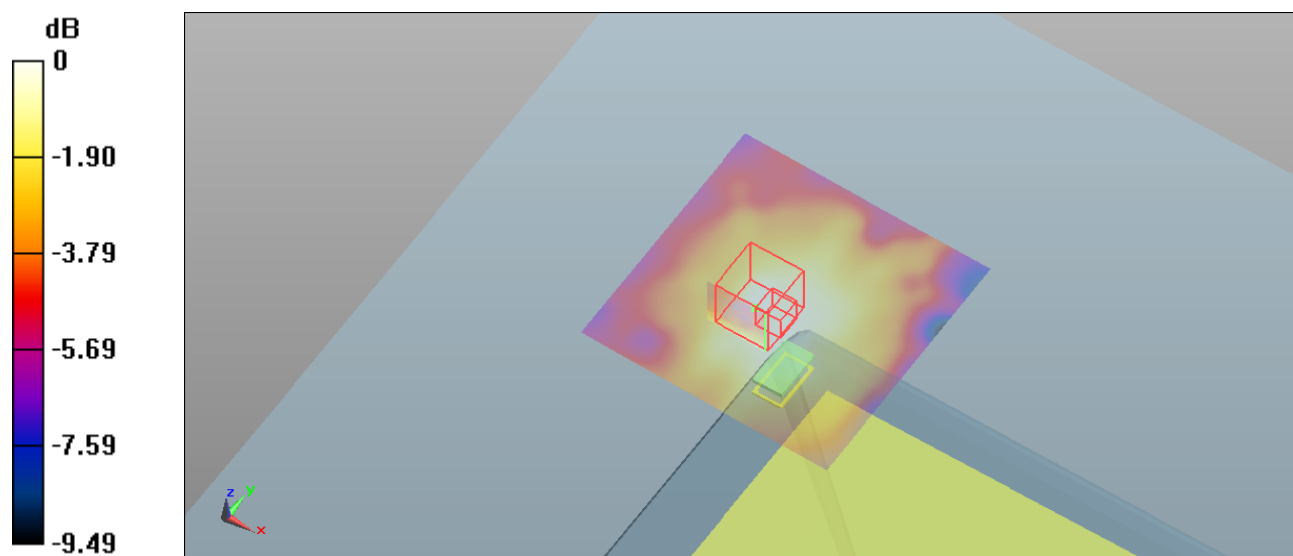
dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.460 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.264 mW/g

**SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.116 mW/g = -18.71 dB mW/g

**SAR MEASUREMENT PLOT 16**

Ambient Temperature  
Liquid Temperature  
Humidity

20.5 Degrees Celsius  
20.2 Degrees Celsius  
43.0%



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