

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	B	6	-	36
	2		HT0	40	46
	3		6	-	52
	4		6	-	64
Edge On Secondary Landscape	5	A	6	-	52
	6	B	6	-	36
	7		HT0	40	46
	8		6	-	52
	9		6	-	64
Edge On Primary Portrait	10	B	6	-	52
Bystander	11	B	6	-	52

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	12	A	HT0	40	118
	13	B	HT0	40	102
	14		HT0	40	118
	15		HT0	40	134
Edge On Secondary Landscape	16	A	HT0	40	118
	17	B	HT0	40	102
	18		HT0	40	118
	19		HT0	40	134
Edge On Primary Portrait	20	A	HT0	40	118
	21	B	HT0	40	118
Bystander	22	B	HT0	40	118



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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	23	A	6	-	157
	24	B	HT0	40	151
	25		6	-	157
	26		6	-	165
Edge On Secondary Landscape	27	A	6	-	157
	28	B	HT0	40	151
	29		6	-	157
	30		6	-	165
Edge On Primary Portrait	31	A	6	-	157
	32	B	6	-	157
Bystander	33	A	6	-	157
	34	B	6	-	157

Table 28 System Verification Plots

Plot 35	System Verification 5800 MHz 24 th June 2012
Plot 36	System Verification 5500 MHz 25 th June 2012
Plot 37	System Verification 5200 MHz 26 th June 2012



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Test Date: 26 June 2012

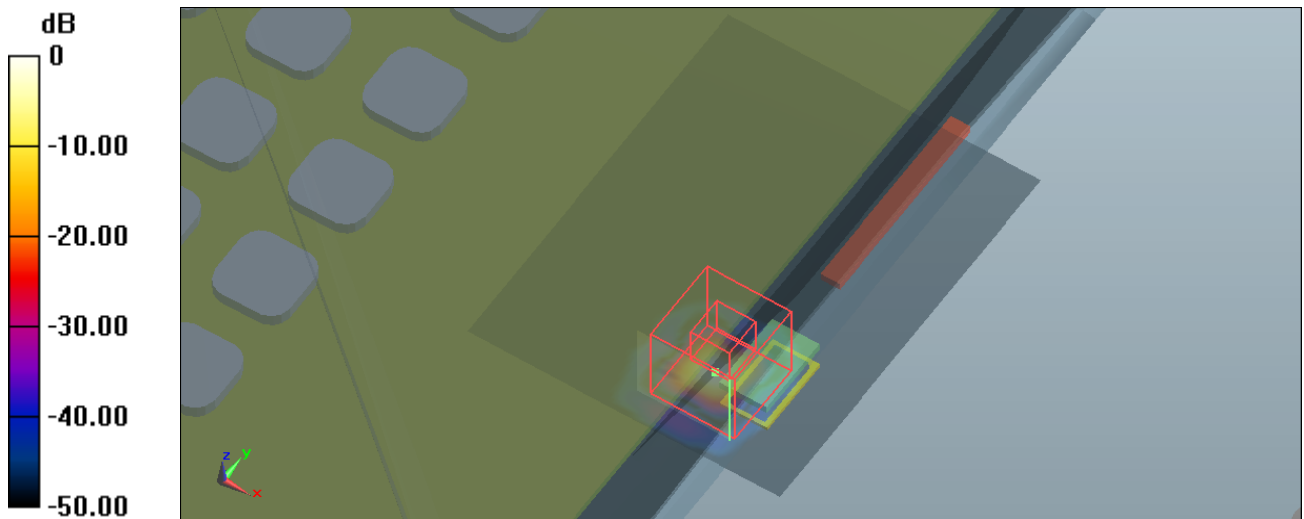
File Name: M120610_Lap Held OFDM 5200 MHz Antenna B (2) 26-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5180 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5183.2$ MHz; $\sigma = 5.342$ mho/m; $\epsilon_r = 48.592$; $\rho = 1000$ kg/m³
- 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 (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.0198 mW/g

Configuration/Channel 36 Test/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 1.073 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 0.148 mW/g
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00494 mW/g
 Maximum value of SAR (measured) = 0.0386 mW/g



0 dB = 0.0198 mW/g = -34.07 dB mW/g

SAR MEASUREMENT PLOT 1

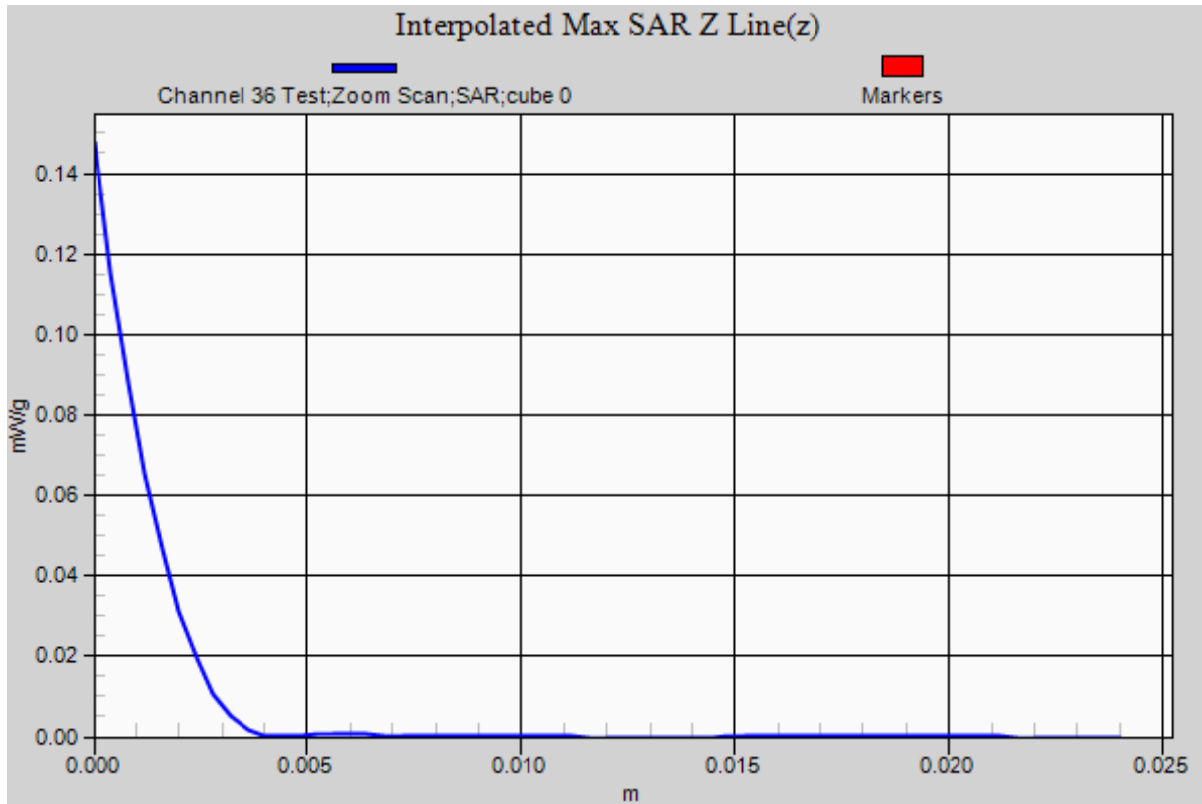
Ambient Temperature
 Liquid Temperature
 Humidity

21.0 Degrees Celsius
 20.7 Degrees Celsius
 40.0%



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Test Date: 26 June 2012

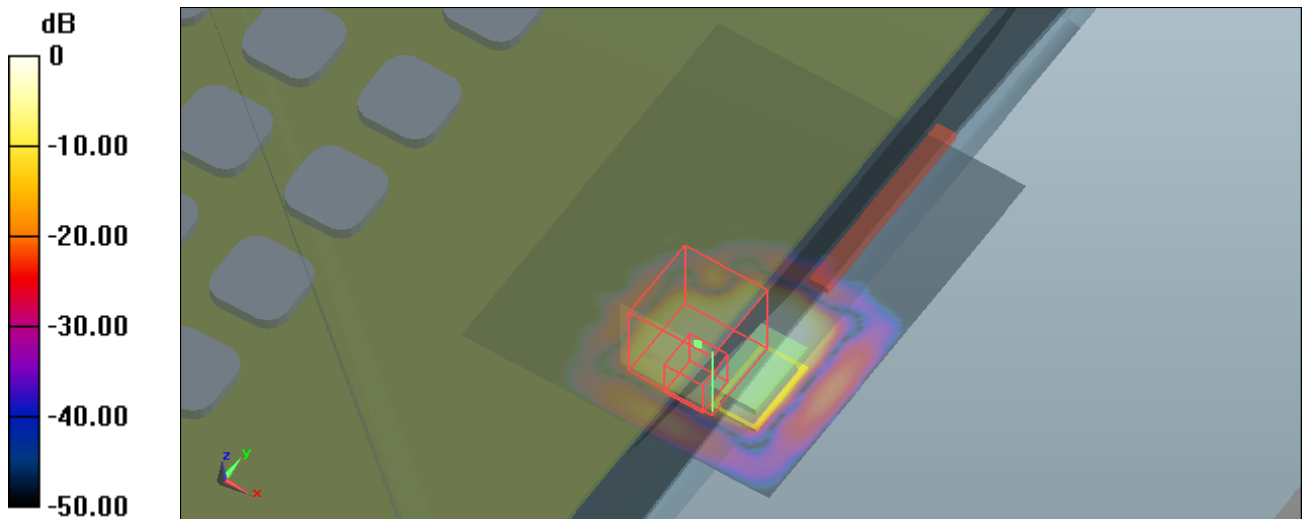
File Name: M120610_Lap Held HT0 (40MHz) 5200 MHz Antenna B (2) 26-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5230 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5229.4$ MHz; $\sigma = 5.423$ mho/m; $\epsilon_r = 48.459$; $\rho = 1000$ kg/m³
- 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 46 Test/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.0310 mW/g

Configuration/Channel 46 Test/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 1.391 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 0.168 mW/g
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.0074 mW/g
 Maximum value of SAR (measured) = 0.0500 mW/g



0 dB = 0.0310 mW/g = -30.17 dB mW/g

SAR MEASUREMENT PLOT 2

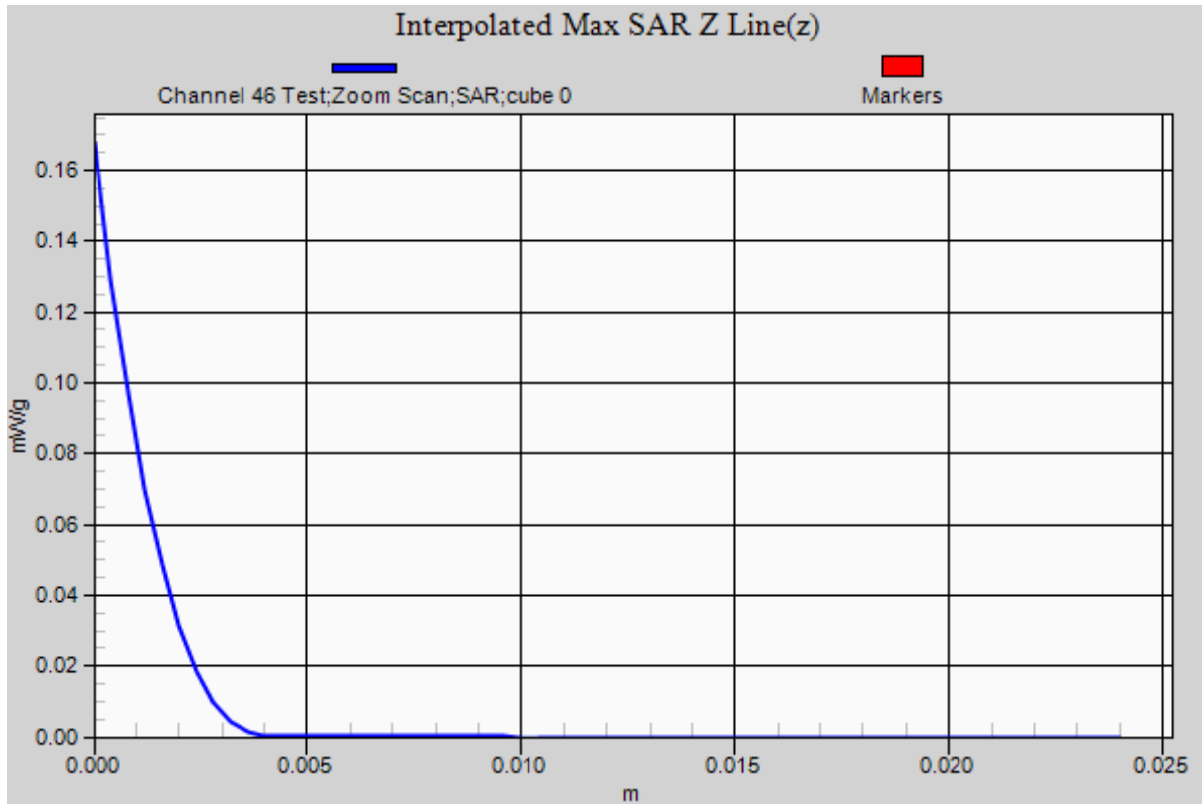
Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.7 Degrees Celsius
40.0%



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Test Date: 26 June 2012

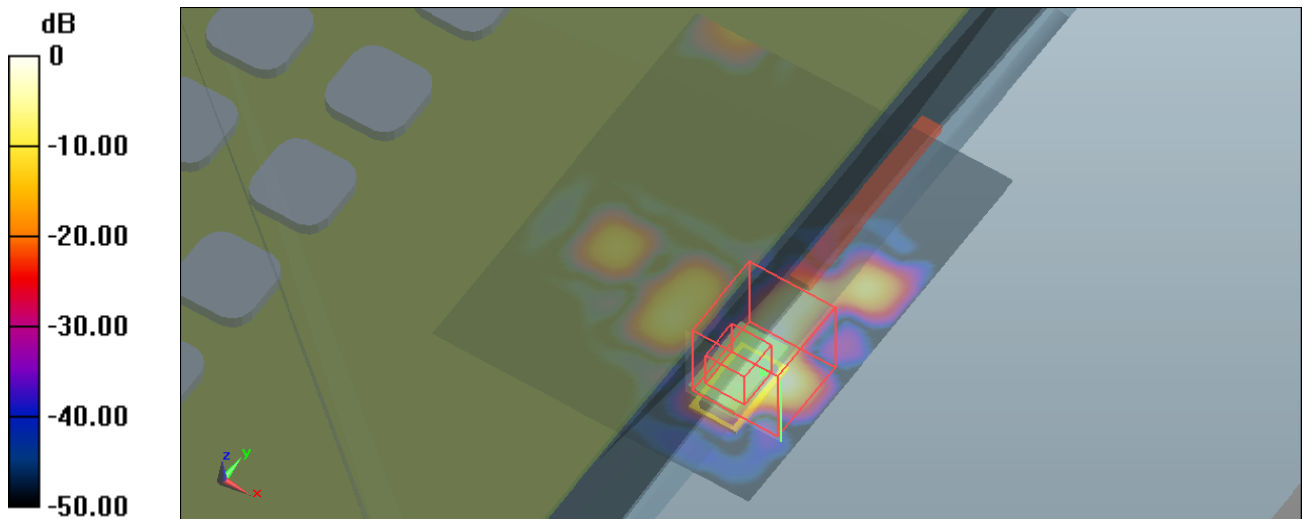
File Name: M120610_Lap Held OFDM 5200 MHz Antenna B (2) 26-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5262.4$ MHz; $\sigma = 5.485$ mho/m; $\epsilon_r = 48.358$; $\rho = 1000$ kg/m³
- 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 (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.0652 mW/g

Configuration/Channel 52 Test/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 1.388 V/m; Power Drift = -0.00 dB
 Peak SAR (extrapolated) = 0.334 mW/g
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.015 mW/g
 Maximum value of SAR (measured) = 0.0870 mW/g



0 dB = 0.0652 mW/g = -23.72 dB mW/g

SAR MEASUREMENT PLOT 3

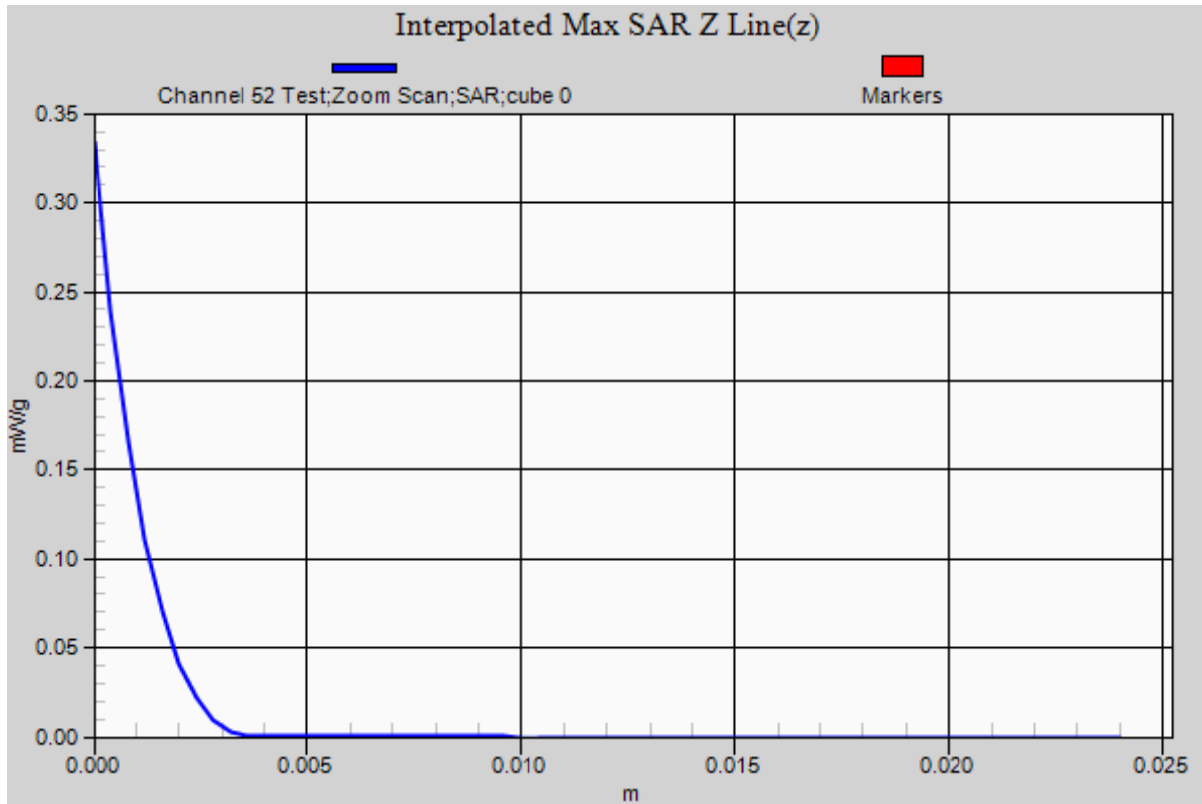
Ambient Temperature
 Liquid Temperature
 Humidity

21.0 Degrees Celsius
 20.7 Degrees Celsius
 40.0%



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Test Date: 26 June 2012

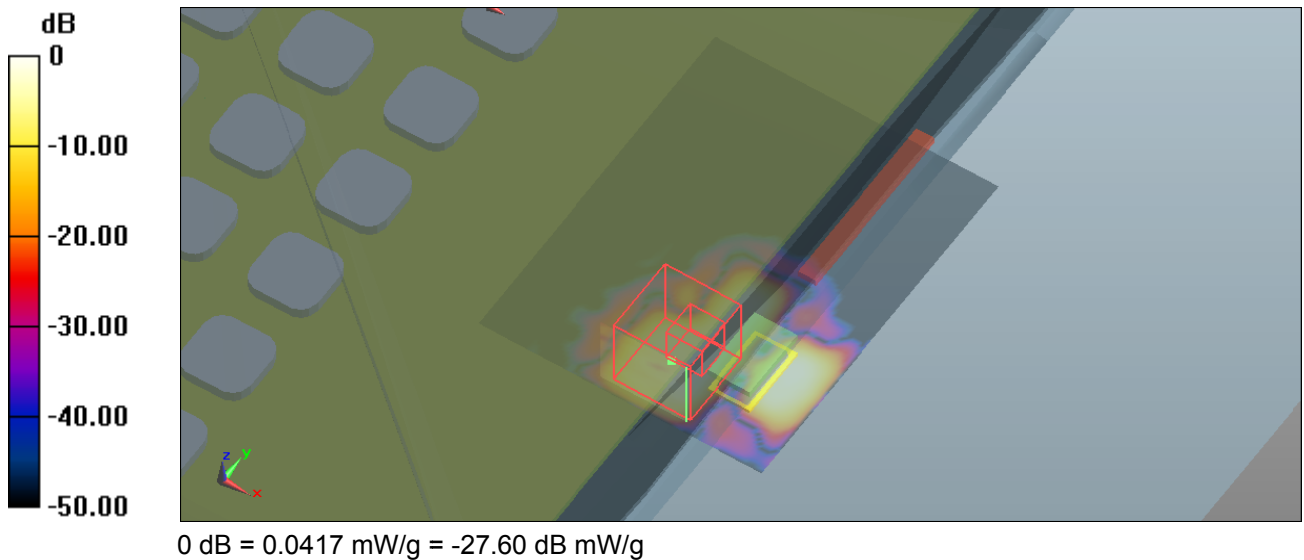
File Name: M120610_Lap Held OFDM 5200 MHz Antenna B (2) 26-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5320 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5321.8$ MHz; $\sigma = 5.598$ mho/m; $\epsilon_r = 48.178$; $\rho = 1000$ kg/m³
- 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 (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.0417 mW/g

Configuration/Channel 64 Test/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 1.306 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 0.216 mW/g
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.011 mW/g
 Maximum value of SAR (measured) = 0.0659 mW/g



SAR MEASUREMENT PLOT 4

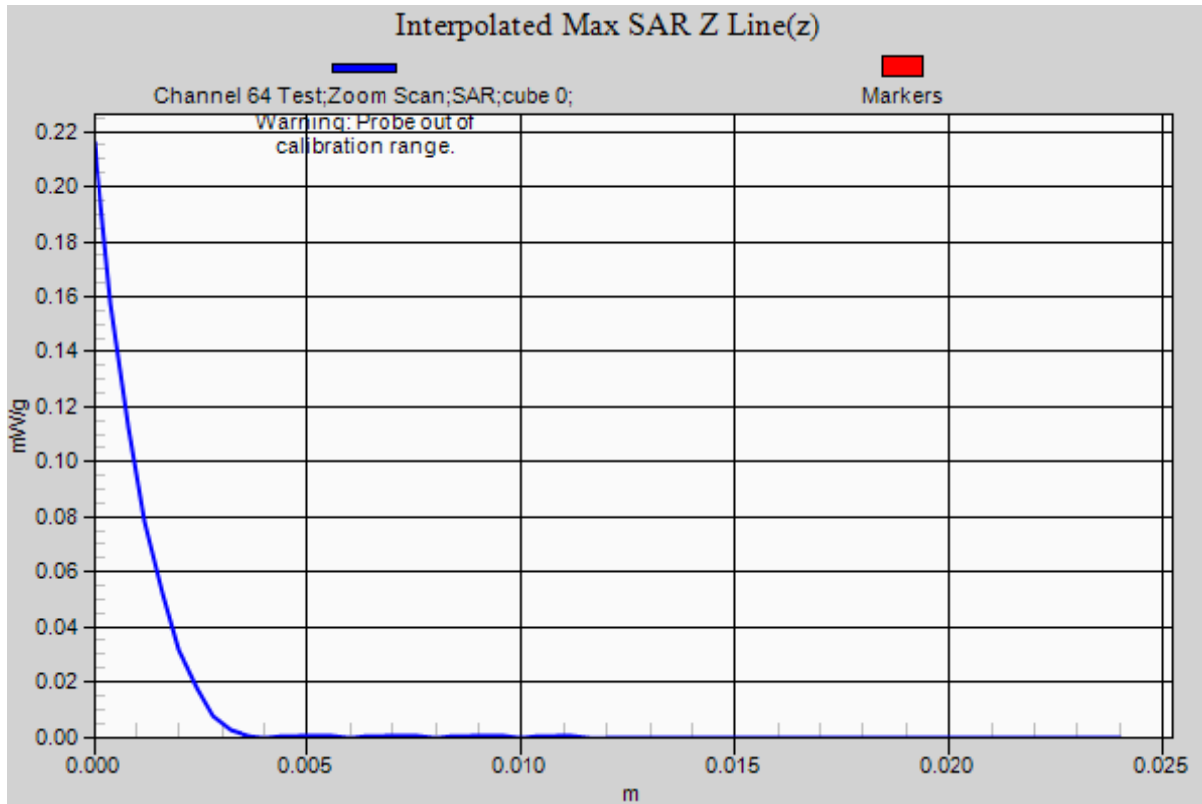
Ambient Temperature
 Liquid Temperature
 Humidity

21.0 Degrees Celsius
 20.7 Degrees Celsius
 40.0%



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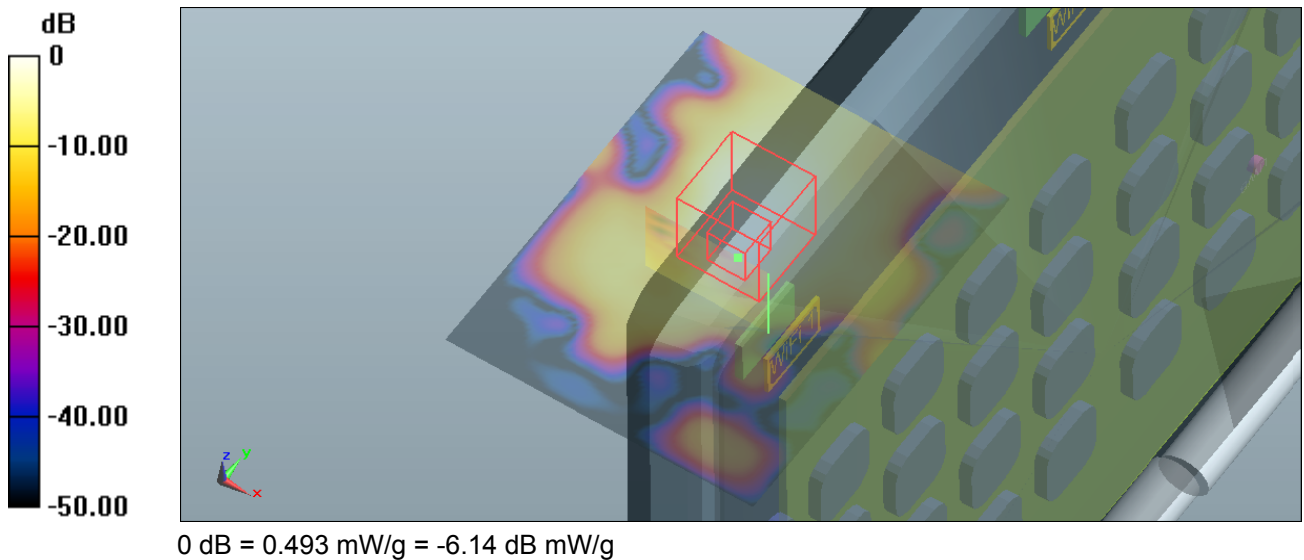
Test Date: 26 June 2012

File Name: M120610 Edge On Secondary Landscape OFDM 5200 MHz Antenna A (1) 26-06-12.da52:0
DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5262.4$ MHz; $\sigma = 5.485$ mho/m; $\epsilon_r = 48.358$; $\rho = 1000$ kg/m³
- 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 (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.493 mW/g

Configuration/Channel 52 Test/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 8.322 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 1.334 mW/g
SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.145 mW/g
 Maximum value of SAR (measured) = 0.787 mW/g



SAR MEASUREMENT PLOT 5

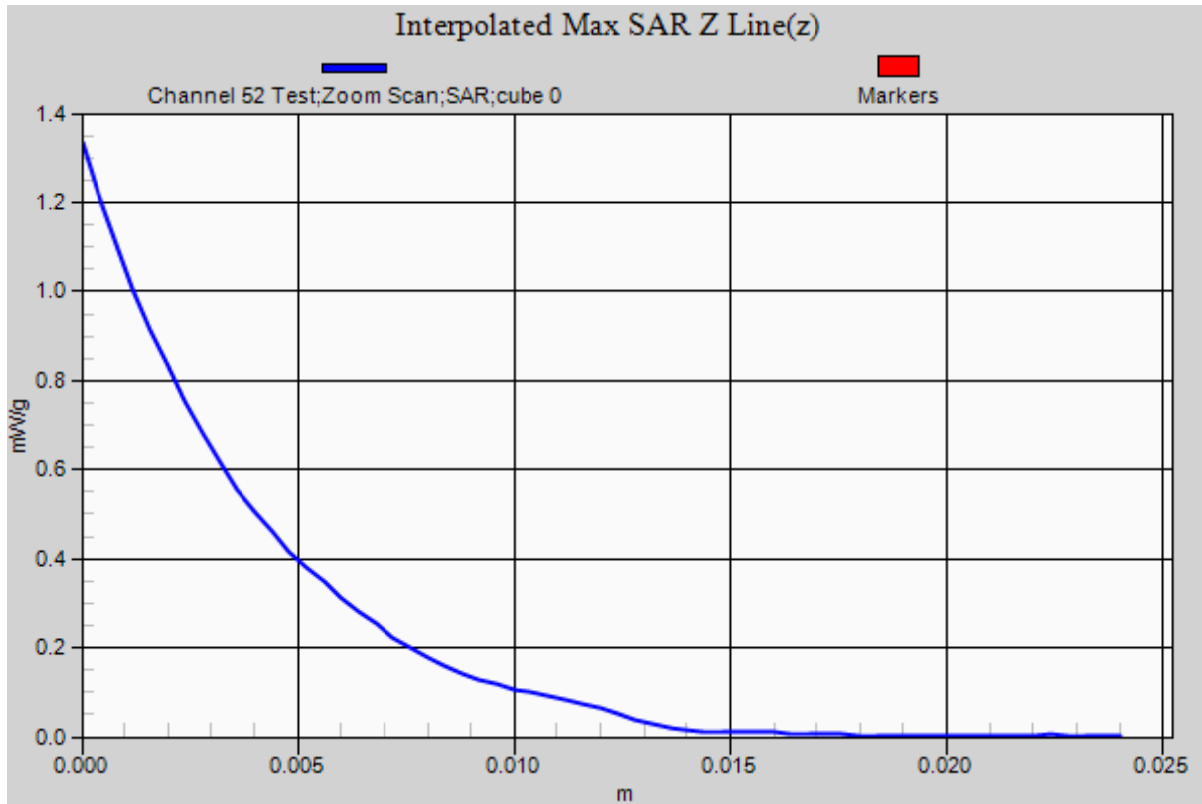
Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.7 Degrees Celsius
40.0%



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Test Date: 26 June 2012

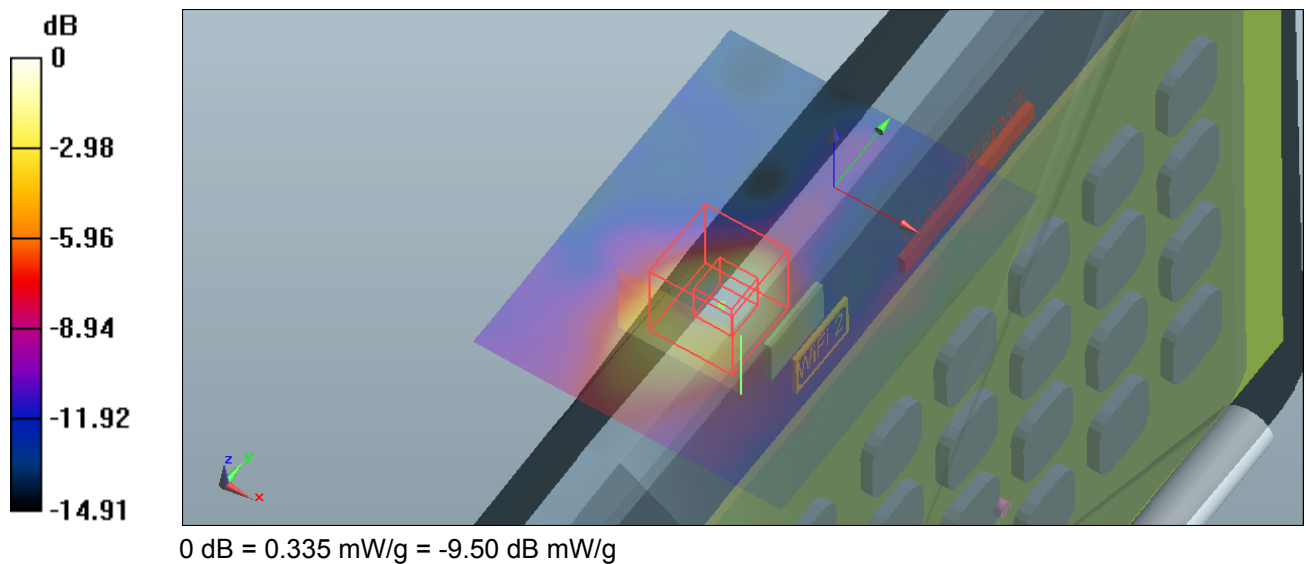
File Name: M120610 Edge On Secondary Landscape OFDM 5200 MHz Antenna B (2) 26-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5180 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5183.2$ MHz; $\sigma = 5.342$ mho/m; $\epsilon_r = 48.592$; $\rho = 1000$ kg/m³
- 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 (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.335 mW/g

Configuration/Channel 36 Test/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 5.591 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 0.805 mW/g
SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.101 mW/g
 Maximum value of SAR (measured) = 0.499 mW/g



SAR MEASUREMENT PLOT 6

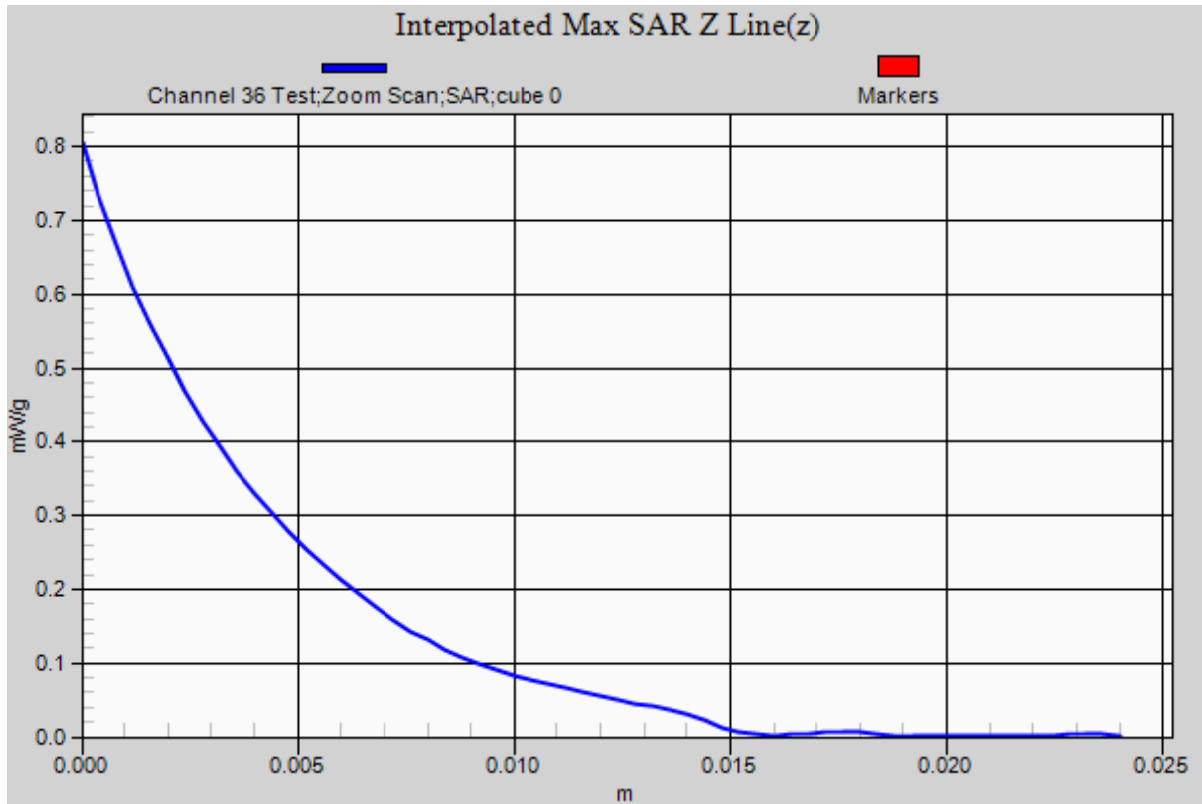
Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.7 Degrees Celsius
40.0%



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Test Date: 26 June 2012

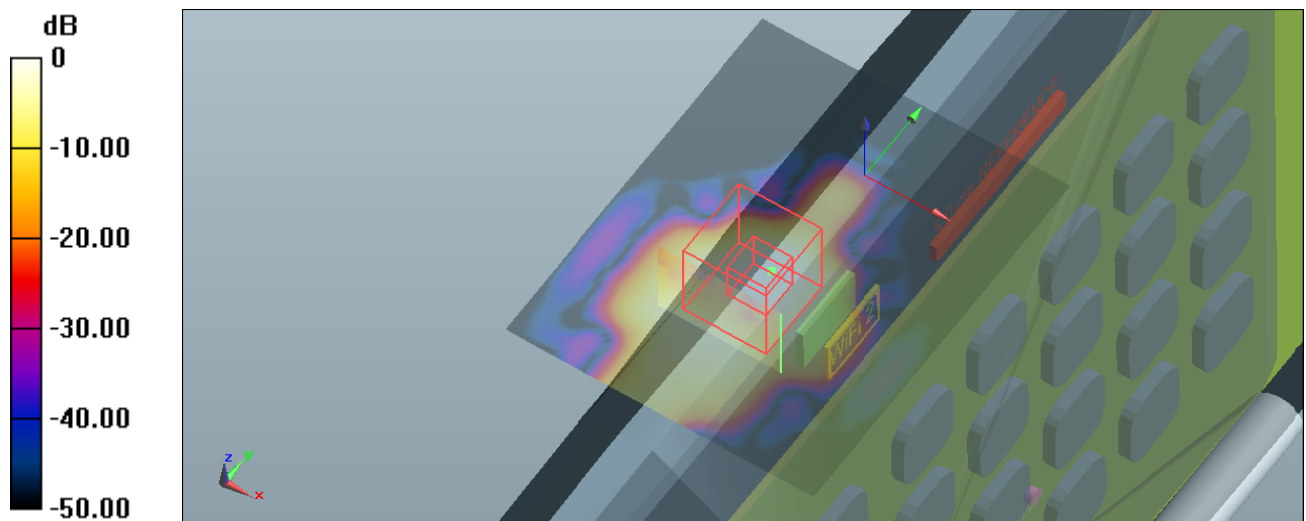
File Name: M120610 Edge On Secondary Landscape HT0 (40MHz) 5200 MHz Antenna B (2) 26-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5230 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5229.4$ MHz; $\sigma = 5.423$ mho/m; $\epsilon_r = 48.459$; $\rho = 1000$ kg/m³
- 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 46 Test/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.452 mW/g

Configuration/Channel 46 Test/Zoom Scan (9x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 7.193 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 1.301 mW/g
SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.122 mW/g
 Maximum value of SAR (measured) = 0.709 mW/g



0 dB = 0.452 mW/g = -6.90 dB mW/g

SAR MEASUREMENT PLOT 7

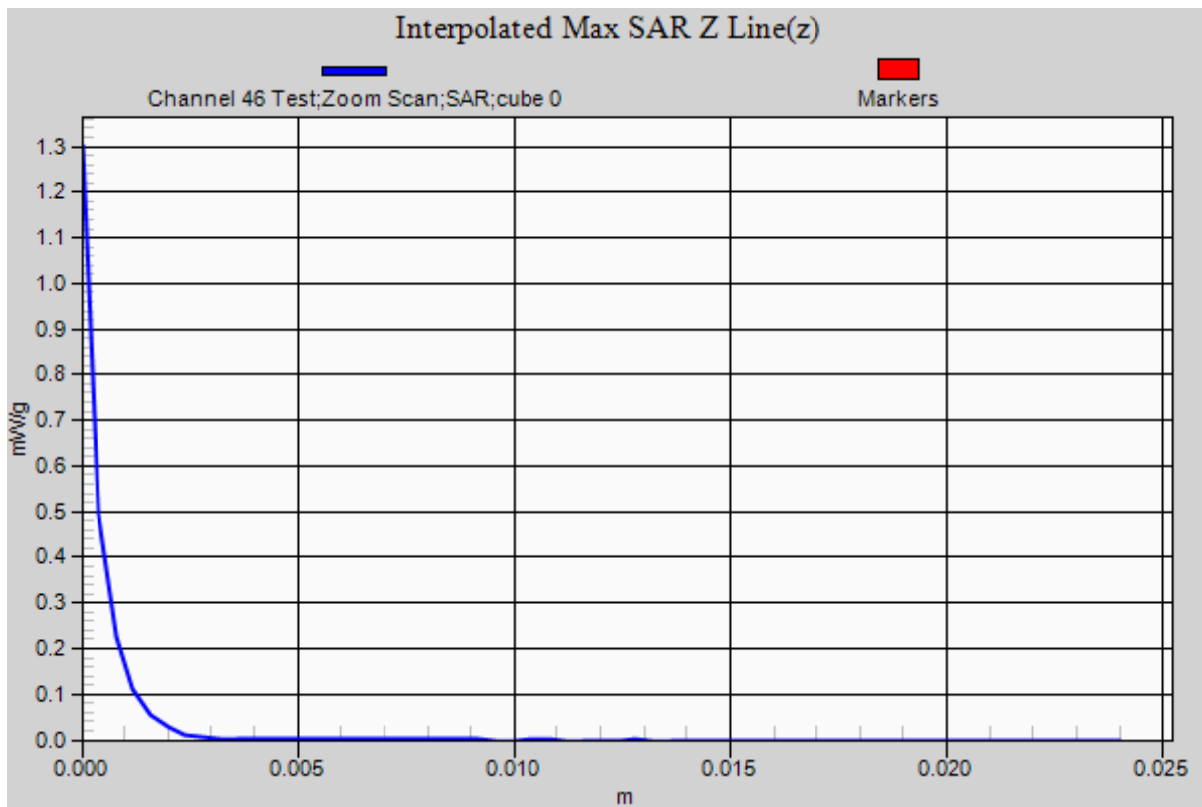
Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.7 Degrees Celsius
40.0%



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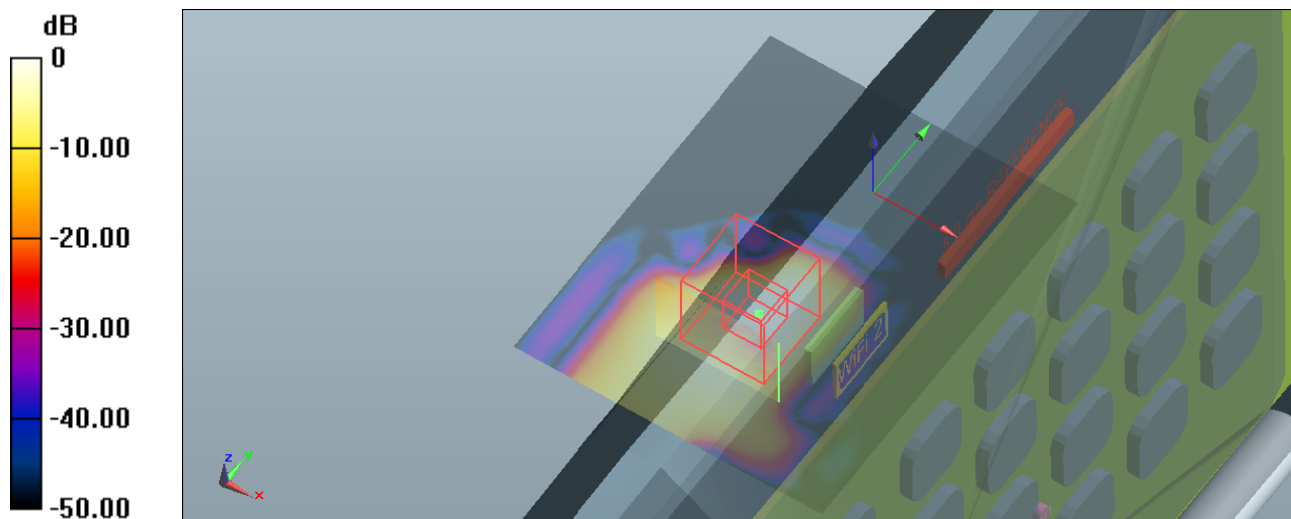
Test Date: 26 June 2012

File Name: M120610 Edge On Secondary Landscape OFDM 5200 MHz Antenna B (2) 26-06-12.da52:0
DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5262.4$ MHz; $\sigma = 5.485$ mho/m; $\epsilon_r = 48.358$; $\rho = 1000$ kg/m³
- 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 (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.522 mW/g

Configuration/Channel 52 Test/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 4.498 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 1.814 mW/g
SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.116 mW/g
 Maximum value of SAR (measured) = 0.704 mW/g



0 dB = 0.522 mW/g = -5.65 dB mW/g

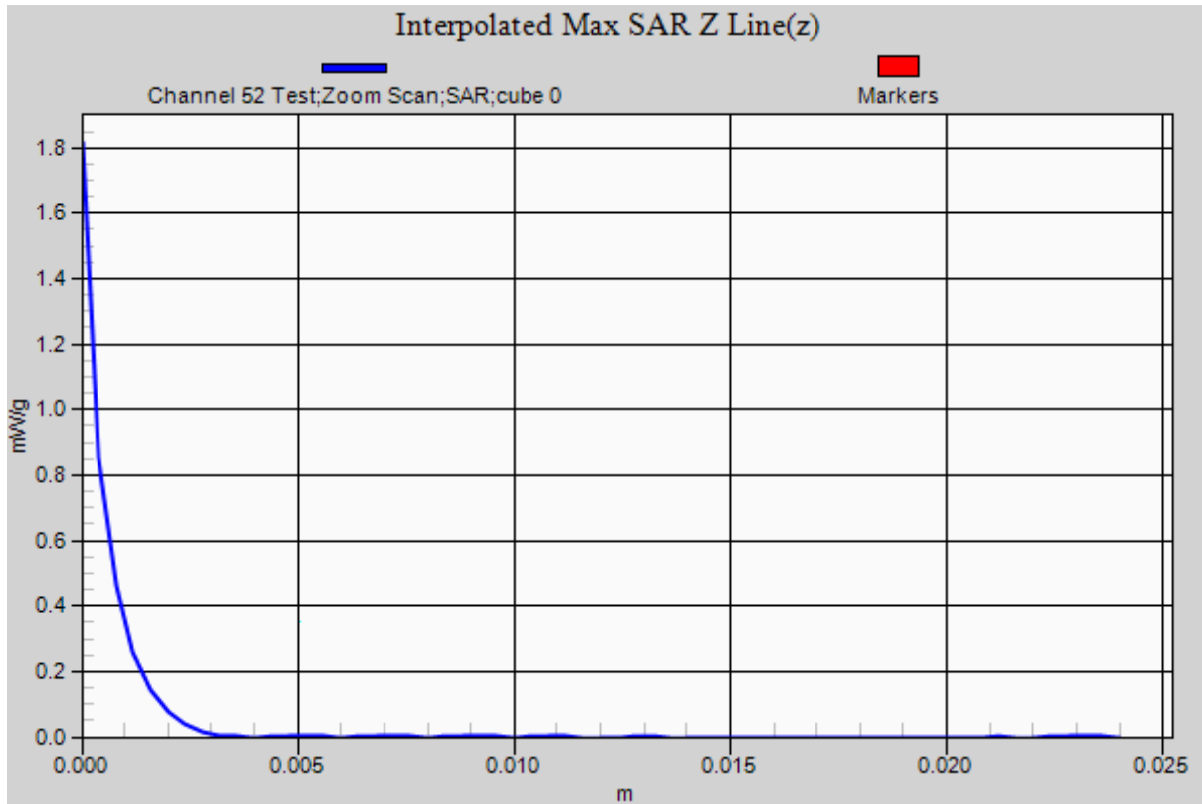
SAR MEASUREMENT PLOT 8

Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.7 Degrees Celsius
40.0%



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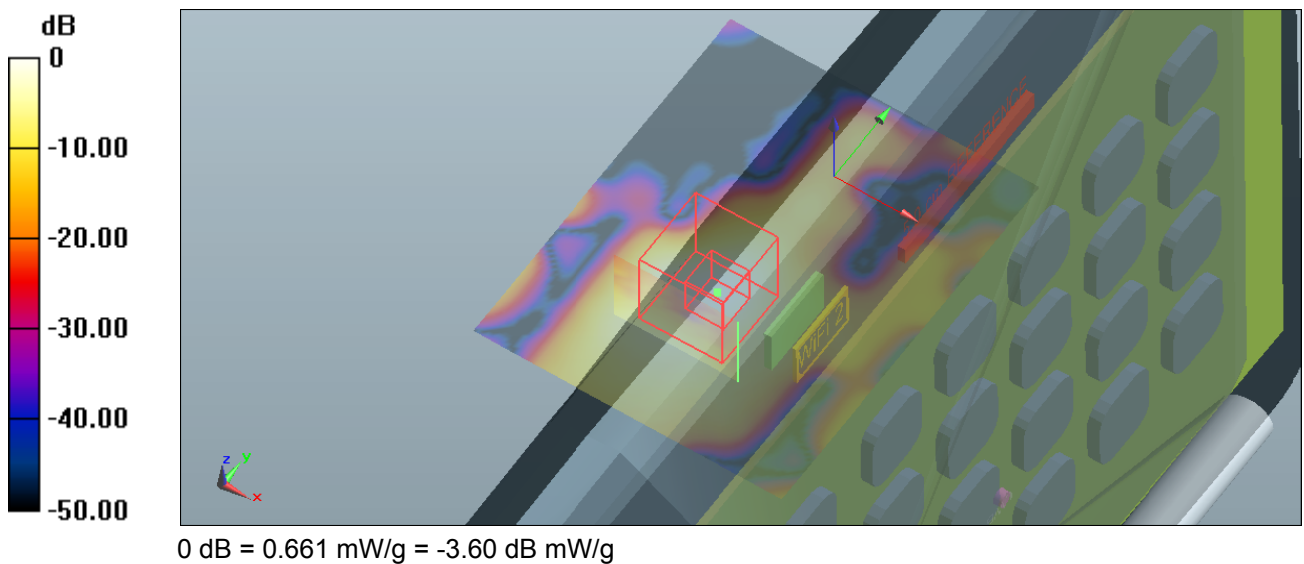
Test Date: 26 June 2012

File Name: M120610 Edge On Secondary Landscape OFDM 5200 MHz Antenna B (2) 26-06-12.da52:0
DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5320 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5321.8$ MHz; $\sigma = 5.598$ mho/m; $\epsilon_r = 48.178$; $\rho = 1000$ kg/m³
- 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 (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.661 mW/g

Configuration/Channel 64 Test/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 5.742 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 1.756 mW/g
SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.181 mW/g
 Maximum value of SAR (measured) = 1.06 mW/g



SAR MEASUREMENT PLOT 9

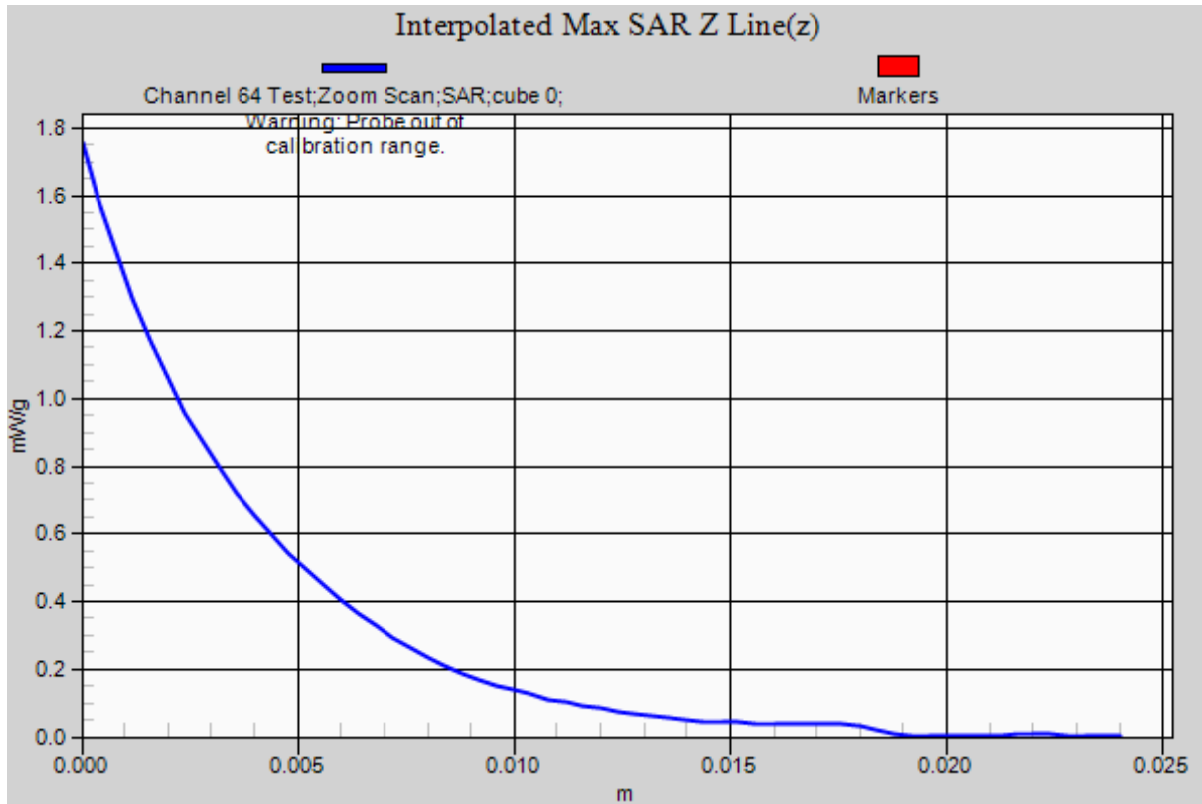
Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.7 Degrees Celsius
40.0%



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Test Date: 26 June 2012

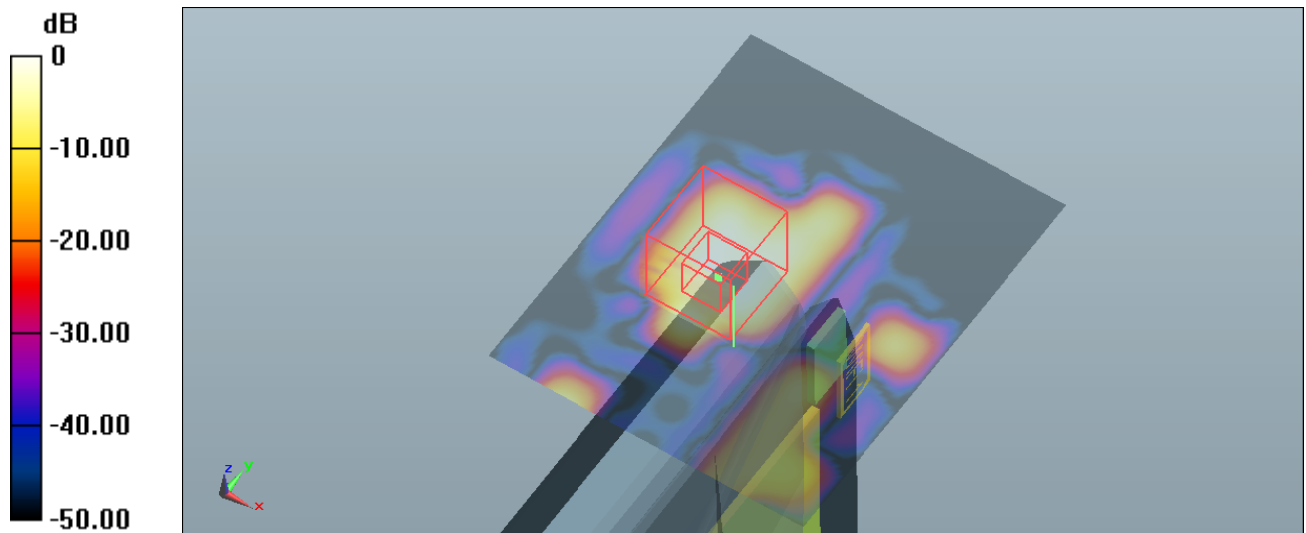
File Name: M120610 Edge On Primary Portrait OFDM 5200 MHz Antenna B (2) 26-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5262.4$ MHz; $\sigma = 5.485$ mho/m; $\epsilon_r = 48.358$; $\rho = 1000$ kg/m³
- 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 (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.183 mW/g

Configuration/Channel 52 Test/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 2.769 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 0.375 mW/g
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.033 mW/g
 Maximum value of SAR (measured) = 0.234 mW/g



0 dB = 0.183 mW/g = -14.75 dB mW/g

SAR MEASUREMENT PLOT 10

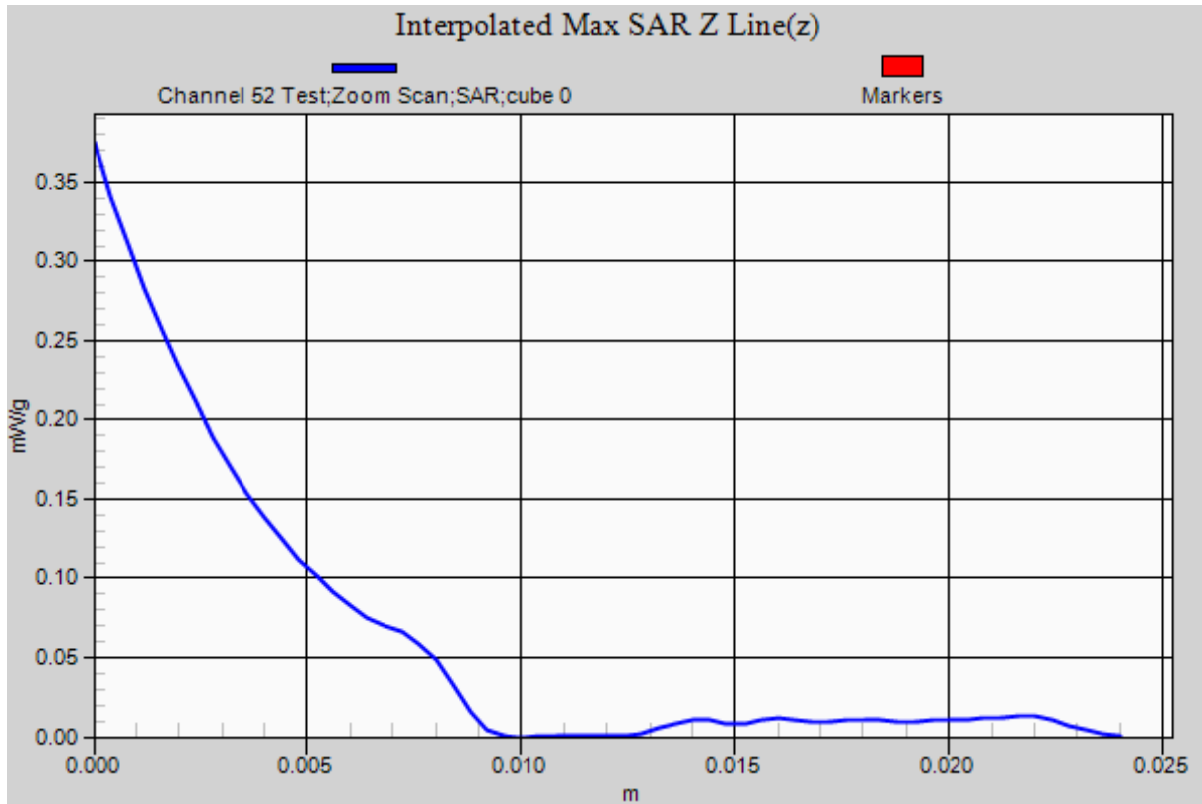
Ambient Temperature
Liquid Temperature
Humidity

21.0 Degrees Celsius
20.7 Degrees Celsius
40.0%



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Test Date: 26 June 2012

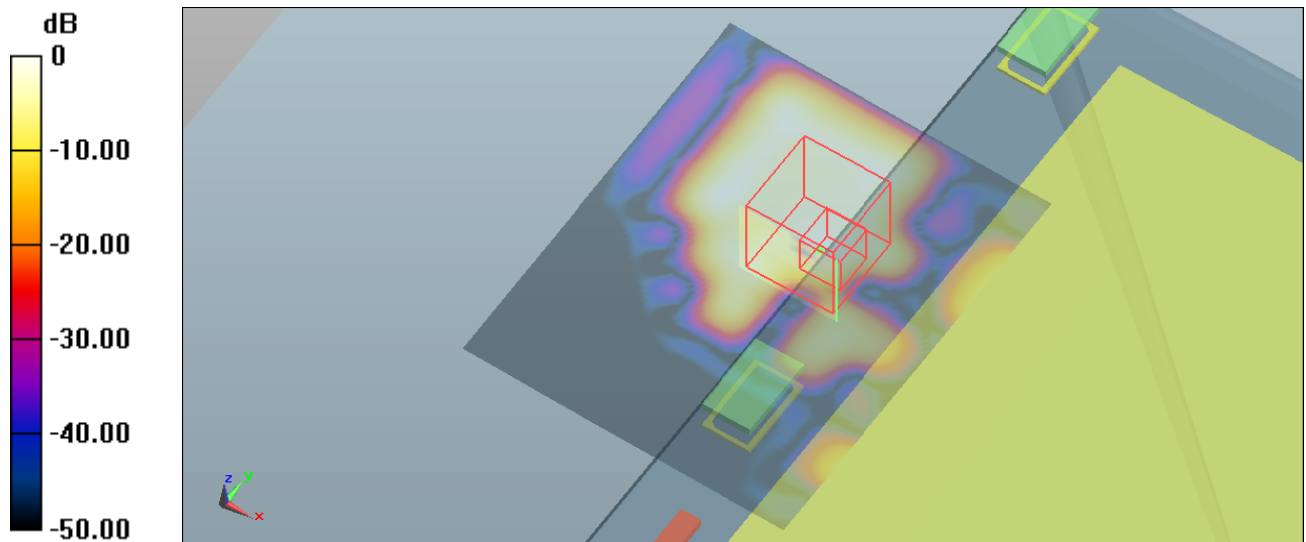
File Name: M120610 Bystander 25mm Spacing OFDM 5200 MHz Antenna B (2) 26-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5262.4$ MHz; $\sigma = 5.485$ mho/m; $\epsilon_r = 48.358$; $\rho = 1000$ kg/m³
- 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 (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.0770 mW/g

Configuration/Channel 52 Test/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 1.674 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 0.354 mW/g
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.014 mW/g
 Maximum value of SAR (measured) = 0.0744 mW/g



0 dB = 0.0770 mW/g = -22.27 dB mW/g

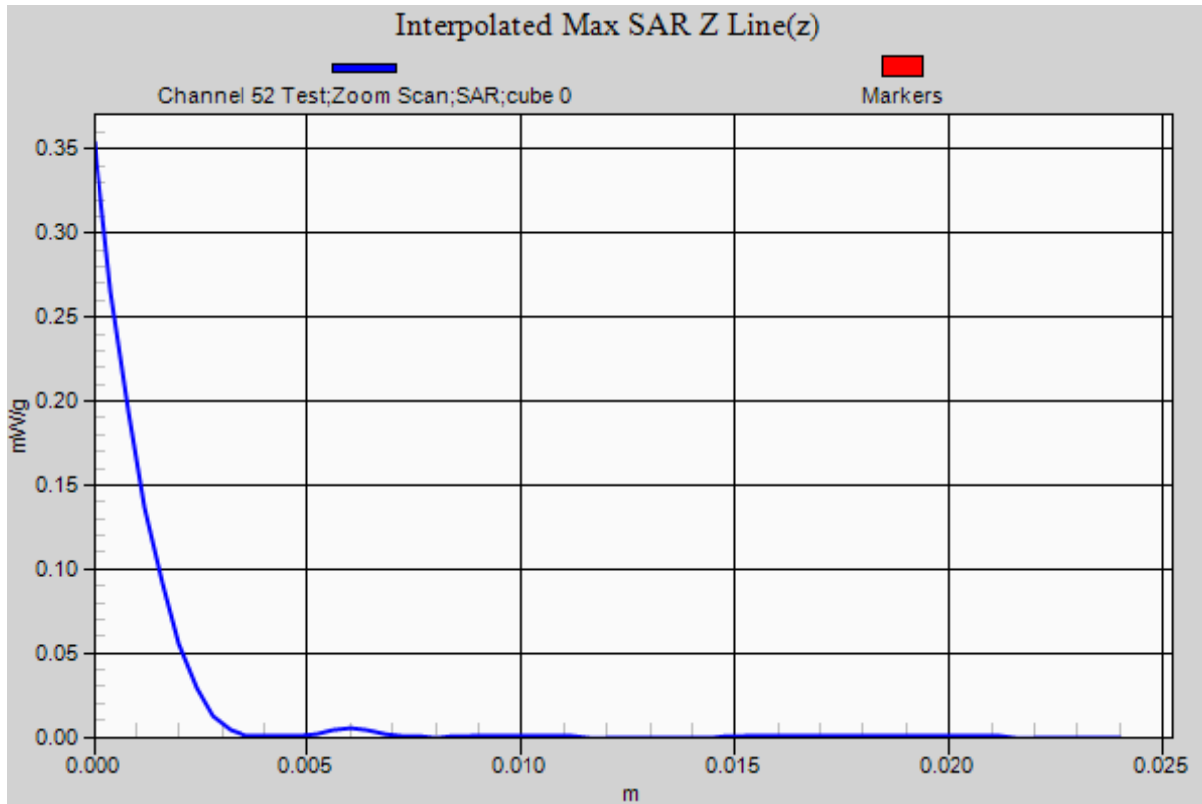
SAR MEASUREMENT PLOT 11

Ambient Temperature	21.0 Degrees Celsius
Liquid Temperature	20.7 Degrees Celsius
Humidity	40.0%



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Test Date: 25 June 2012

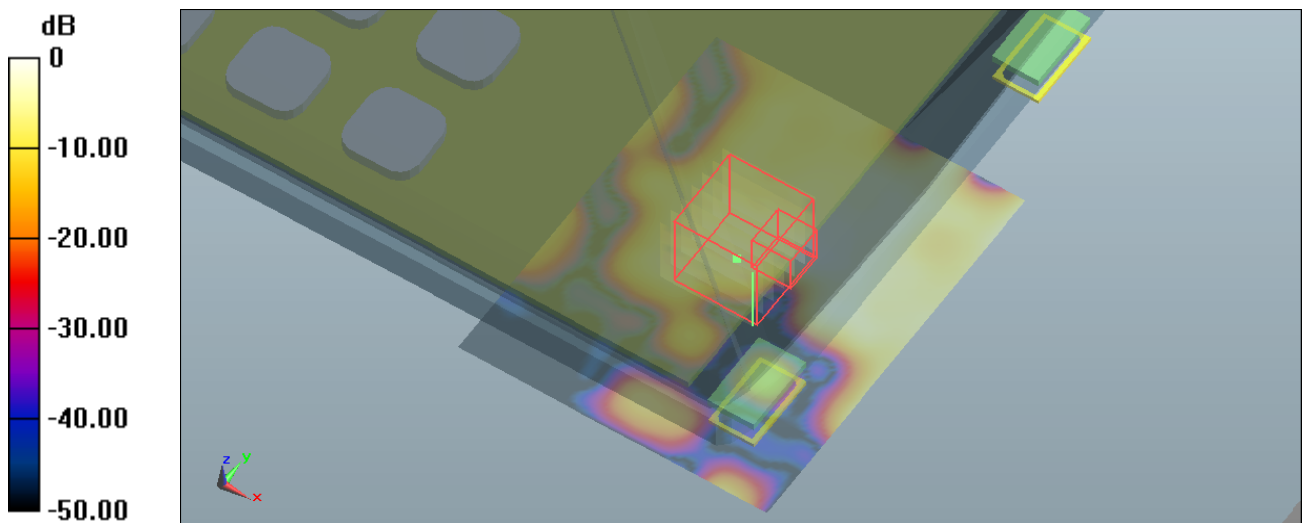
File Name: M120610_Lap Held HT0 (40MHz) 5600 MHz Antenna A (1) 25-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5590 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5592.4$ MHz; $\sigma = 5.925$ mho/m; $\epsilon_r = 47.806$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.03, 3.03, 3.03); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 118 Test/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.137 mW/g

Configuration/Channel 118 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 2.964 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 0.346 mW/g
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.029 mW/g
 Maximum value of SAR (measured) = 0.153 mW/g



0 dB = 0.137 mW/g = -17.27 dB mW/g

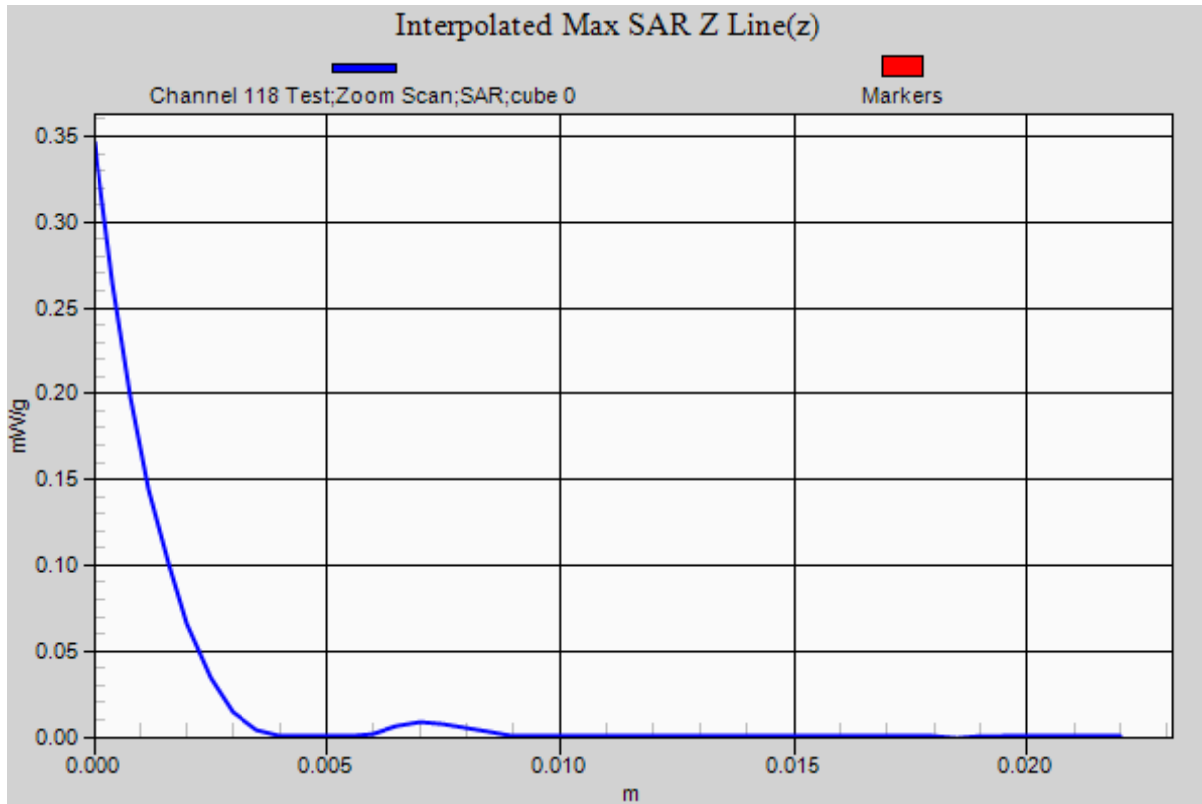
SAR MEASUREMENT PLOT 12

Ambient Temperature	20.5 Degrees Celsius
Liquid Temperature	20.1 Degrees Celsius
Humidity	41.0%



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Test Date: 25 June 2012

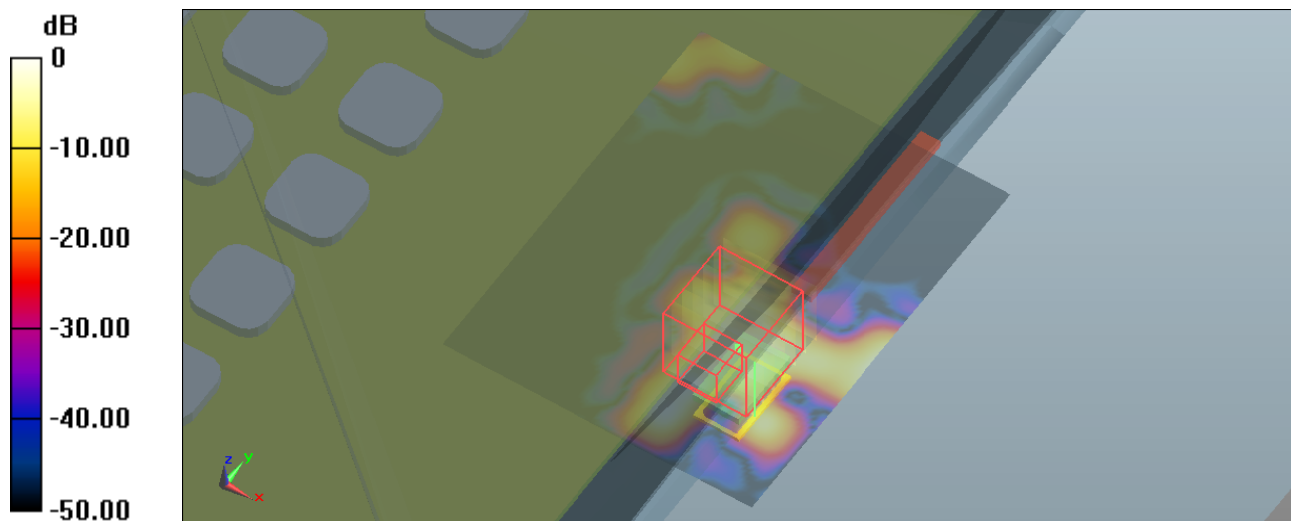
File Name: M120610_Lap Held HT0 (40MHz) 5600 MHz Antenna B (2) 25-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5510 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5513.2$ MHz; $\sigma = 5.78$ mho/m; $\epsilon_r = 48.044$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.03, 3.03, 3.03); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 102 Test/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.0775 mW/g

Configuration/Channel 102 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 1.668 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 0.225 mW/g
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.014 mW/g
 Maximum value of SAR (measured) = 0.0812 mW/g



0 dB = 0.0775 mW/g = -22.21 dB mW/g

SAR MEASUREMENT PLOT 13

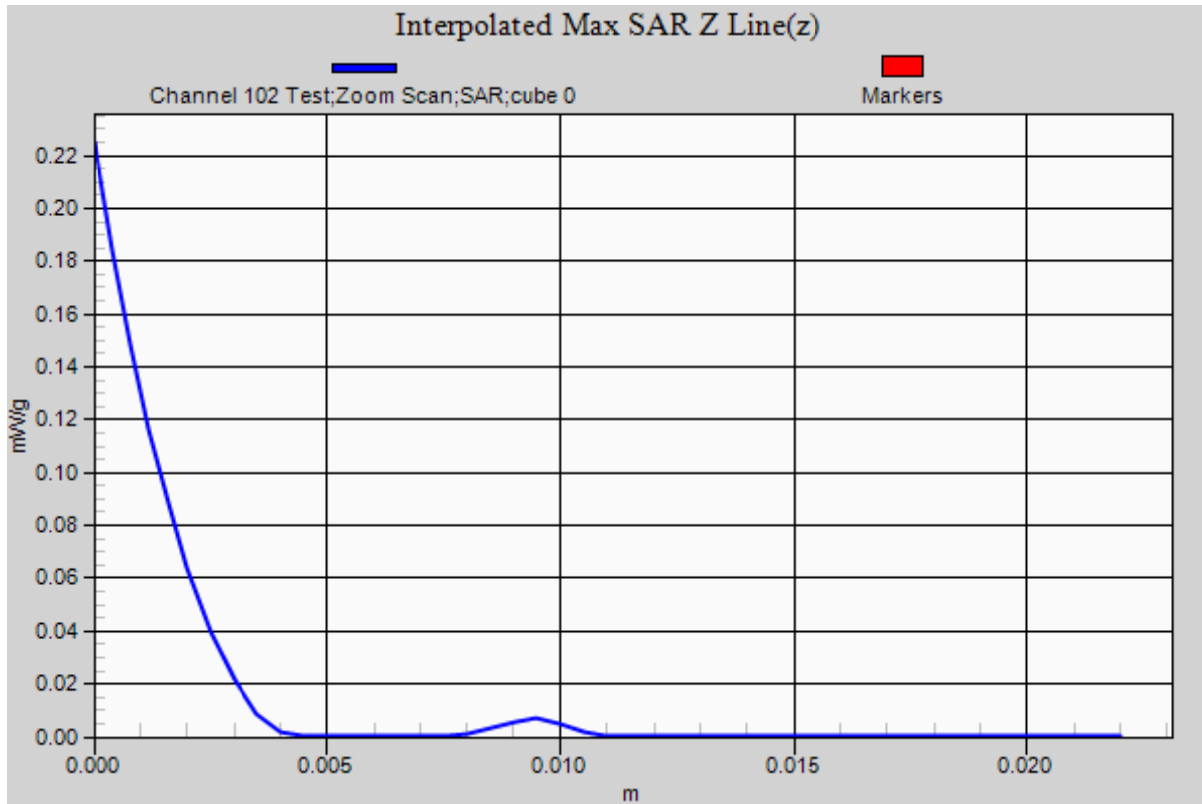
Ambient Temperature
 Liquid Temperature
 Humidity

20.5 Degrees Celsius
 20.1 Degrees Celsius
 41.0%



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Test Date: 25 June 2012

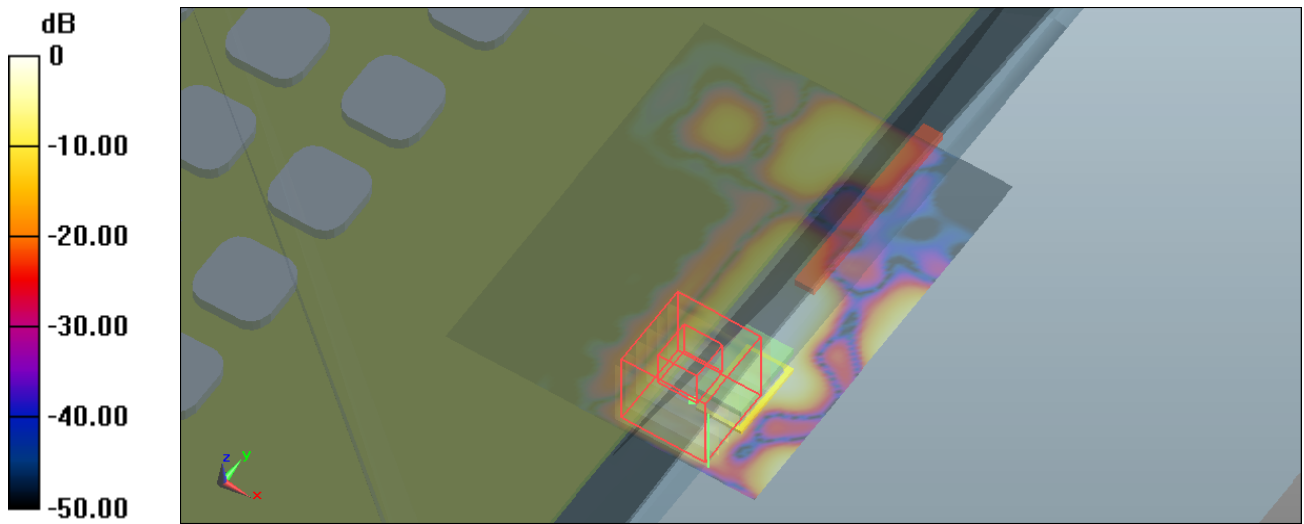
File Name: M120610_Lap Held HT0 (40MHz) 5600 MHz Antenna B (2) 25-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5590 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5592.4$ MHz; $\sigma = 5.925$ mho/m; $\epsilon_r = 47.806$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.03, 3.03, 3.03); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 118 Test/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.0574 mW/g

Configuration/Channel 118 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 2.035 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 0.438 mW/g
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.016 mW/g
 Maximum value of SAR (measured) = 0.0934 mW/g



0 dB = 0.0574 mW/g = -24.82 dB mW/g

SAR MEASUREMENT PLOT 14

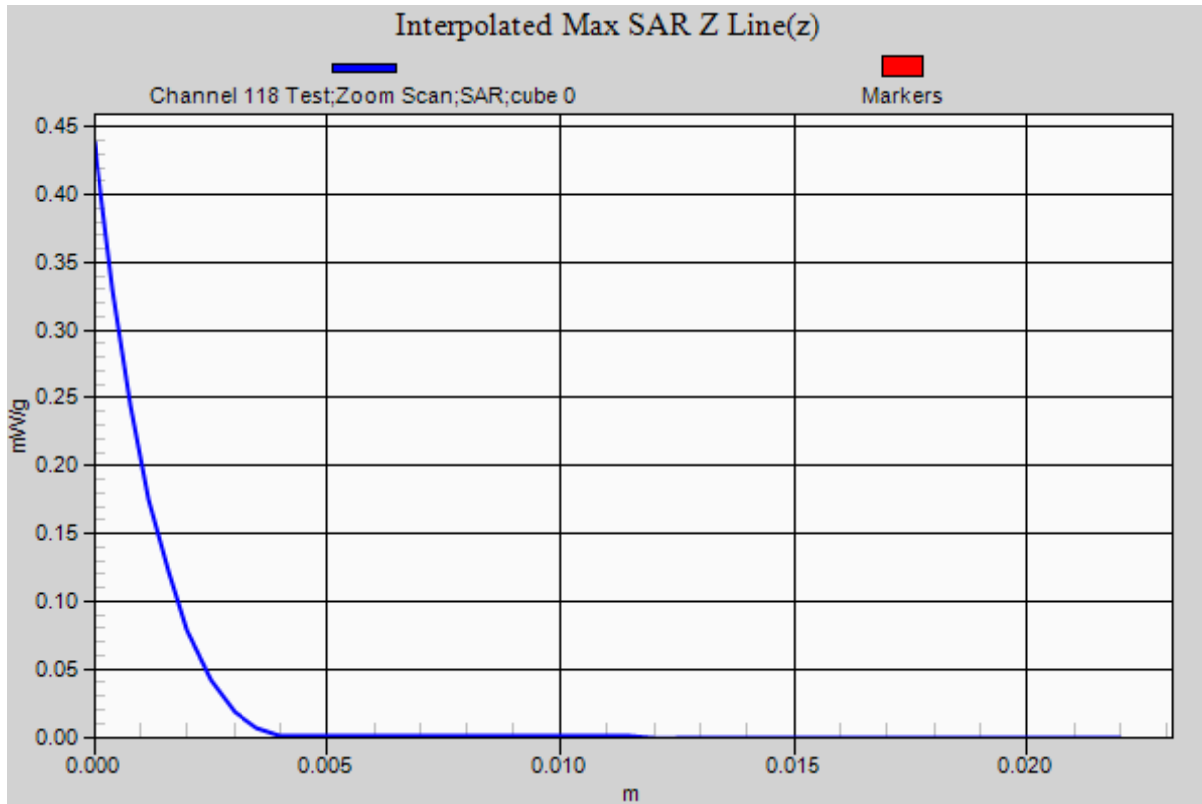
Ambient Temperature
 Liquid Temperature
 Humidity

20.5 Degrees Celsius
20.1 Degrees Celsius
41.0%



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Test Date: 25 June 2012

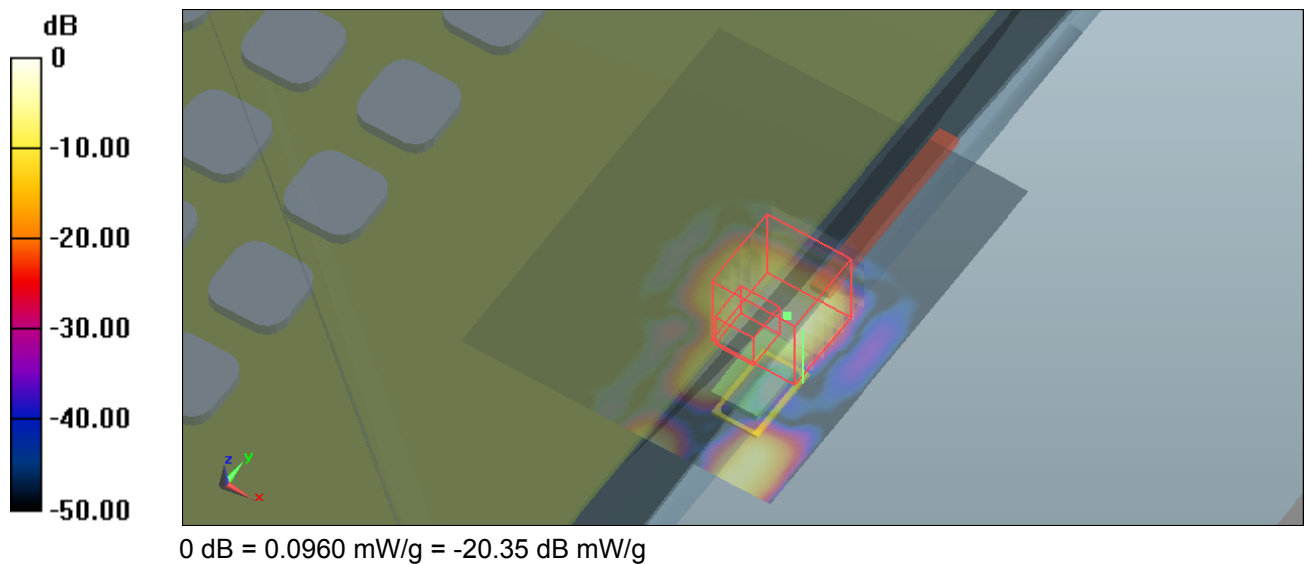
File Name: M120610_Lap Held HT0 (40MHz) 5600 MHz Antenna B (2) 25-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5670 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5671.6$ MHz; $\sigma = 6.061$ mho/m; $\epsilon_r = 47.608$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.03, 3.03, 3.03); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 134 Test/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.0960 mW/g

Configuration/Channel 134 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 2.079 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 0.310 mW/g
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.012 mW/g
 Maximum value of SAR (measured) = 0.0813 mW/g



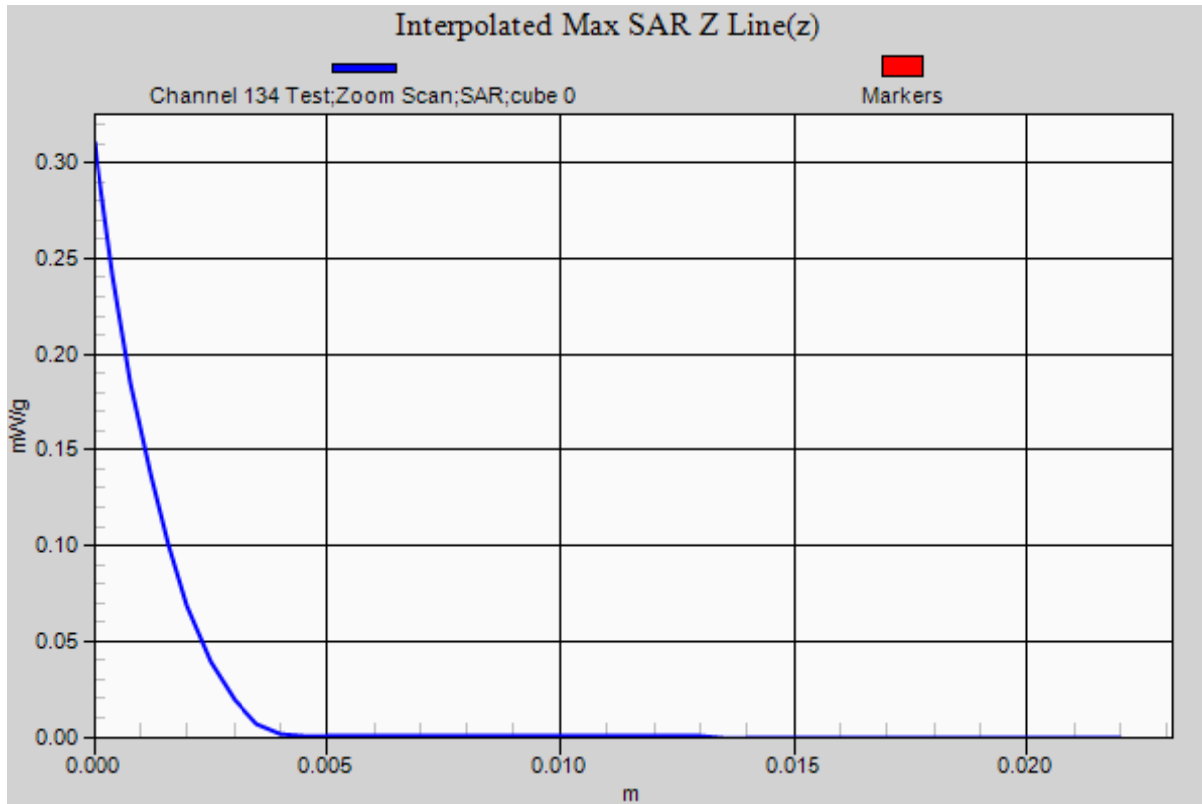
SAR MEASUREMENT PLOT 15

Ambient Temperature
 Liquid Temperature
 Humidity

20.5 Degrees Celsius
20.1 Degrees Celsius
41.0%



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Test Date: 25 June 2012

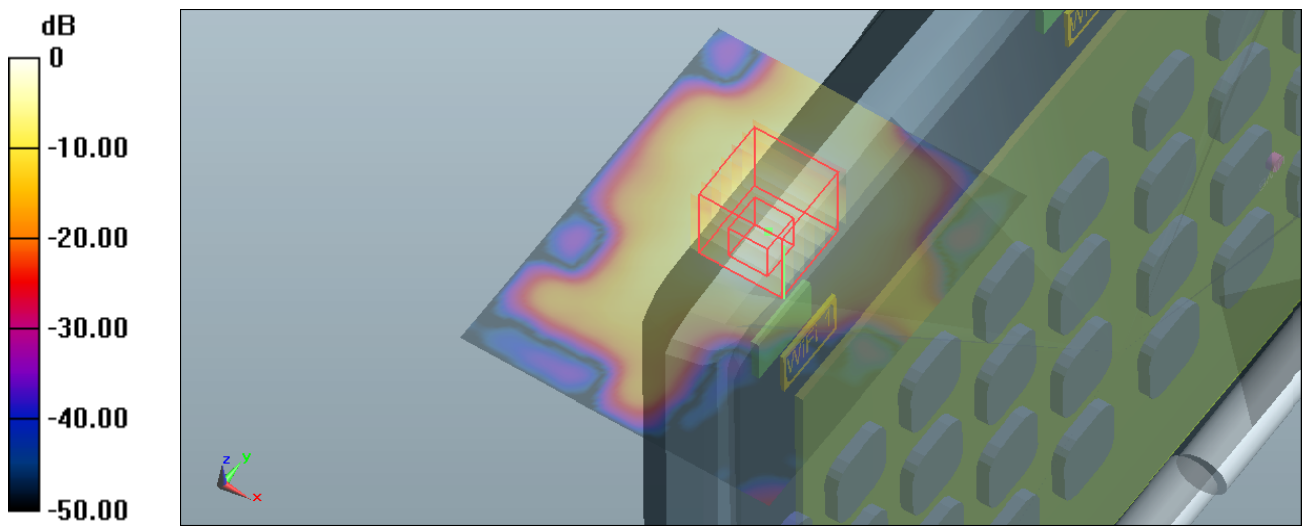
File Name: M120610 Edge On Secondary Landscape HT0 (40MHz) 5600 MHz Antenna A (1) 25-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5590 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5592.4$ MHz; $\sigma = 5.925$ mho/m; $\epsilon_r = 47.806$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.03, 3.03, 3.03); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 118 Test/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.688 mW/g

Configuration/Channel 118 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 9.356 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 2.146 mW/g
SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.215 mW/g
 Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 0.688 mW/g = -3.25 dB mW/g

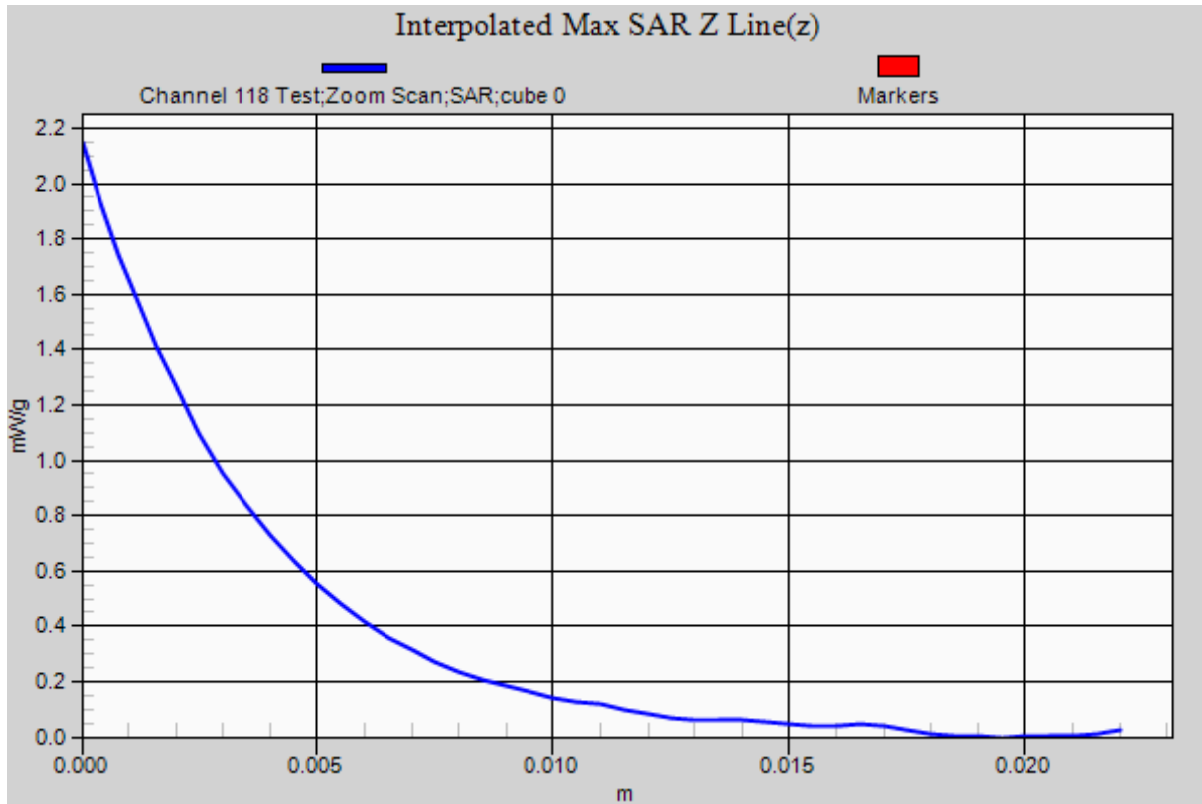
SAR MEASUREMENT PLOT 16

Ambient Temperature	20.5 Degrees Celsius
Liquid Temperature	20.1 Degrees Celsius
Humidity	41.0%



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Test Date: 25 June 2012

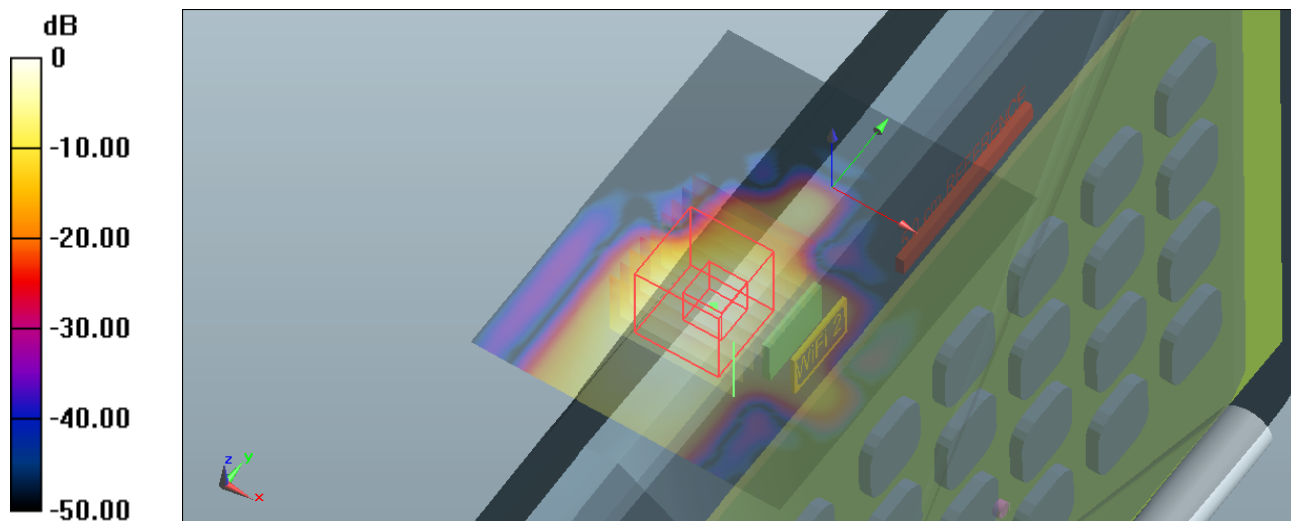
File Name: M120610 Edge On Secondary Landscape HT0 (40MHz) 5600 MHz Antenna B (2) 25-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5510 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5513.2$ MHz; $\sigma = 5.78$ mho/m; $\epsilon_r = 48.044$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.03, 3.03, 3.03); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 102 Test/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.680 mW/g

Configuration/Channel 102 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 5.953 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 1.790 mW/g
SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.188 mW/g
 Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 0.680 mW/g = -3.35 dB mW/g

SAR MEASUREMENT PLOT 17

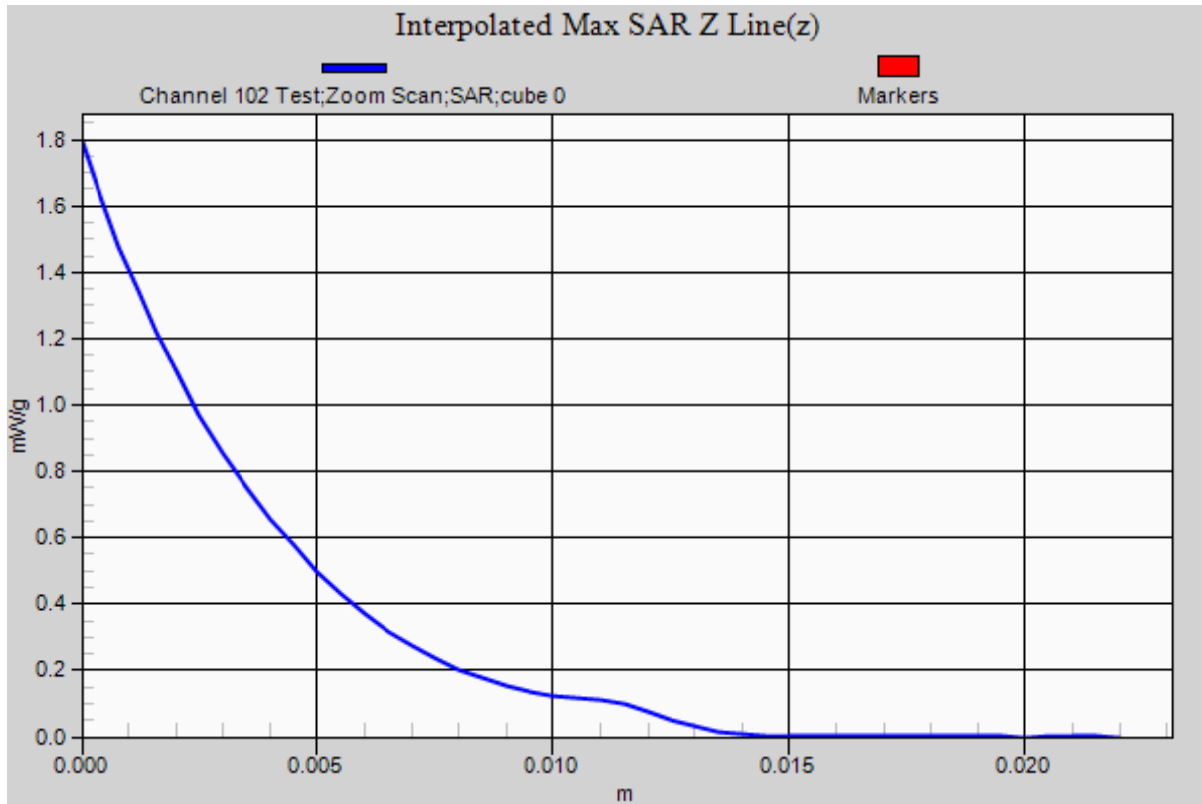
Ambient Temperature
 Liquid Temperature
 Humidity

20.5 Degrees Celsius
 20.1 Degrees Celsius
 41.0%



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Test Date: 25 June 2012

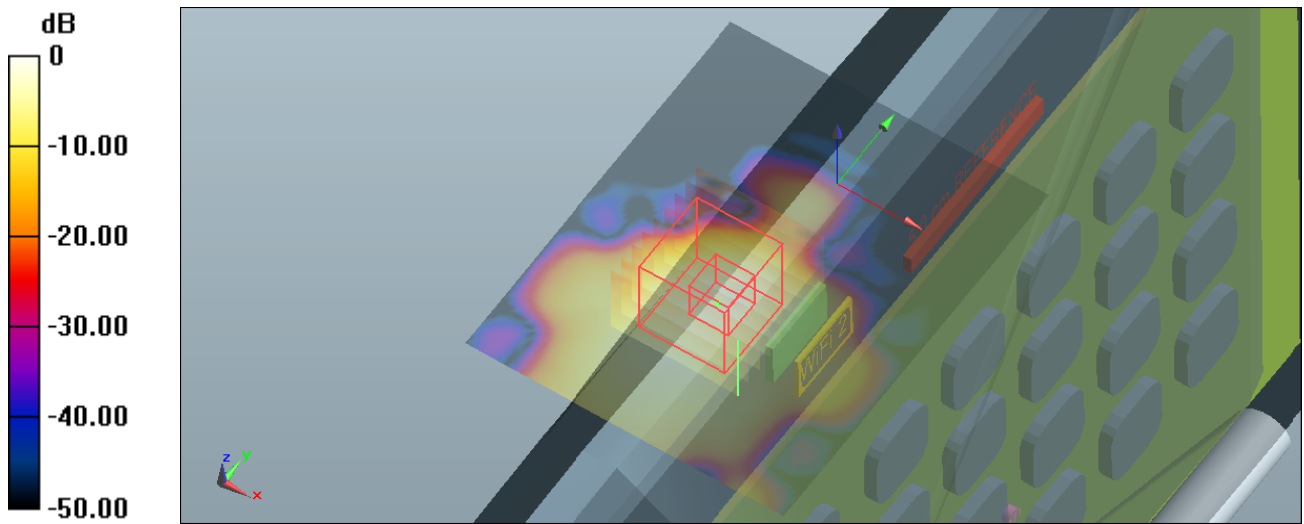
File Name: M120610 Edge On Secondary Landscape HT0 (40MHz) 5600 MHz Antenna B (2) 25-06-12.da52:0

DUT: Fujitsu Tablet Tercel with Atheros 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

- * Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5590 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5592.4$ MHz; $\sigma = 5.925$ mho/m; $\epsilon_r = 47.806$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3657; ConvF(3.03, 3.03, 3.03); Calibrated: 14/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 118 Test/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.761 mW/g

Configuration/Channel 118 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 7.096 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 2.140 mW/g
SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.217 mW/g
 Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 0.761 mW/g = -2.37 dB mW/g

SAR MEASUREMENT PLOT 18

Ambient Temperature
 Liquid Temperature
 Humidity

20.5 Degrees Celsius
20.1 Degrees Celsius
41.0%



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