

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 22 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	-	36
	2		6	-	52
	3		6	-	64
	4		HT0	40	46
	5	B	6	-	36
	6		6	-	52
	7		6	-	64
	8		HT0	40	46
Edge On Primary Portrait	-	A	HT0	40	46
	-	B	HT0	40	46

Table 23 5600 MHz Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Lap Held	9	A	HT0	40	102
	10		HT0	40	118
	11		HT0	40	134
	12	B	HT0	40	102
	13		HT0	40	118
	14		HT0	40	134
				40	
Edge On Primary Portrait	-	A	HT0	40	118
	-	B	HT0	40	118

Table 24 5800 MHz Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Lap Held	15	A	HT0	40	151
	16		6	-	157
	17		6	-	165
	18	B	HT0	40	151
	19		6	-	157
	20		6	-	165
Edge On Primary Portrait	21	A	6	-	157
	-	B	6	-	157

Table 25 System verification Plots

Plot 22	System verification 5800 MHz 15 th August 2012
Plot 23	System verification 5500 MHz 16 th August 2012
Plot 24	System verification 5200 MHz 17 th August 2012



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Test Date: 17 August 2012

File Name: M120812_Lap Held OFDM 5200 MHz Antenna A (1) 17-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 5.319$ mho/m; $\epsilon_r = 48.269$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

Configuration/Channel 36 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.629 mW/g

Configuration/Channel 36 Test/Zoom Scan (9x9x12)/Cube 0: Measurement grid:

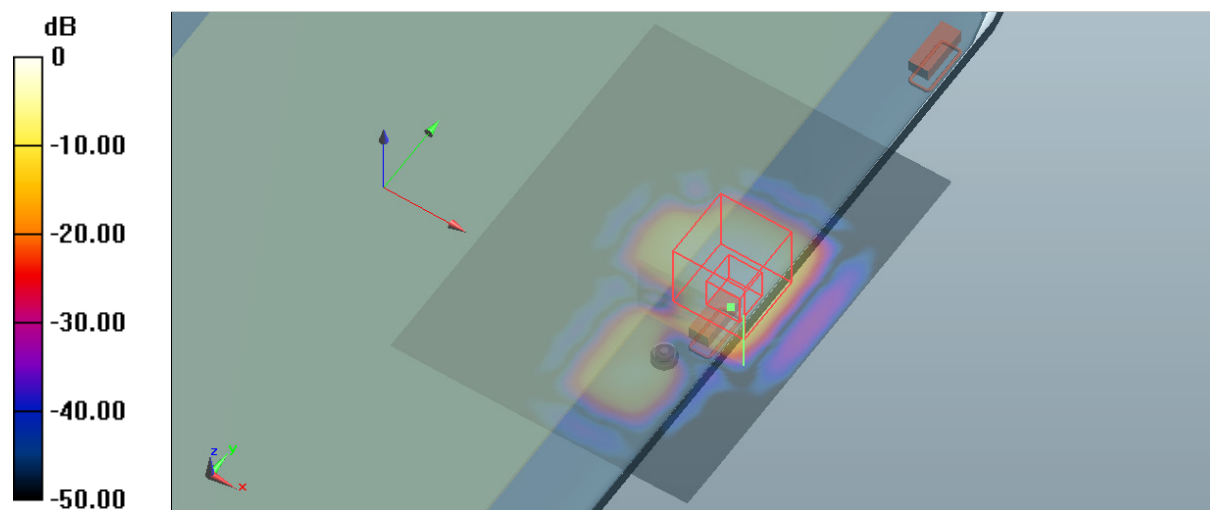
dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.638 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.229 mW/g

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.684 mW/g



0 dB = 0.629 mW/g = -4.03 dB mW/g

SAR MEASUREMENT PLOT 1

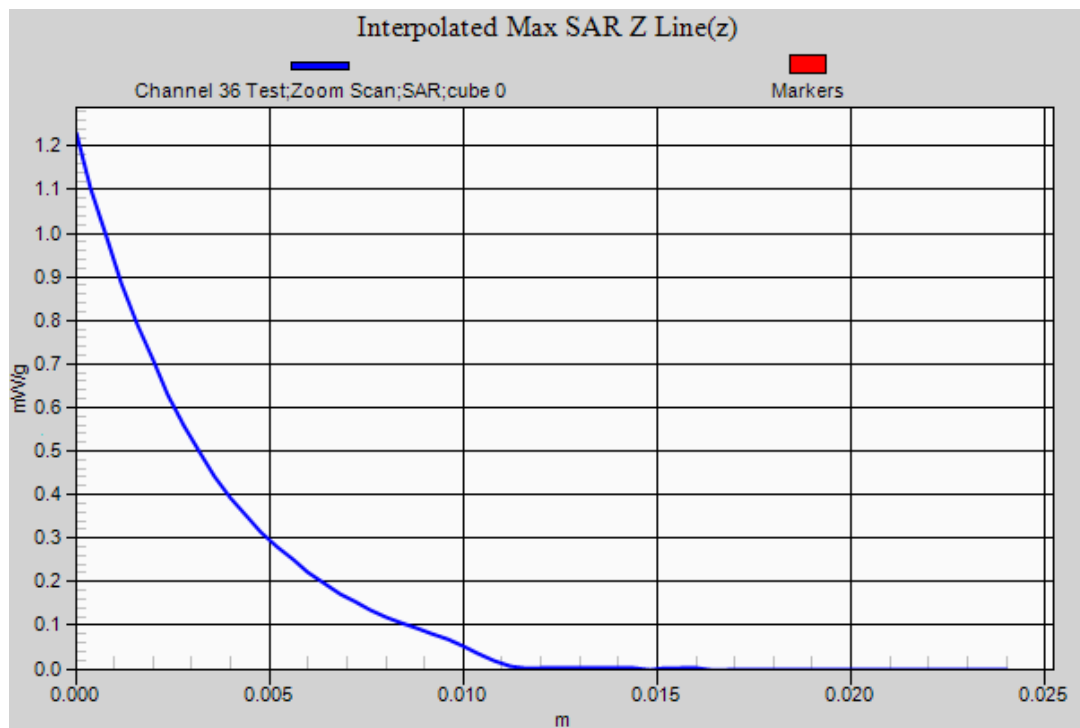
Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
41.0%



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Test Date: 17 August 2012

File Name: M120812_Lap Held OFDM 5200 MHz Antenna A (1) 17-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 5.487$ mho/m; $\epsilon_r = 48.074$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

Configuration/Channel 52 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.568 mW/g

Configuration/Channel 52 Test/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

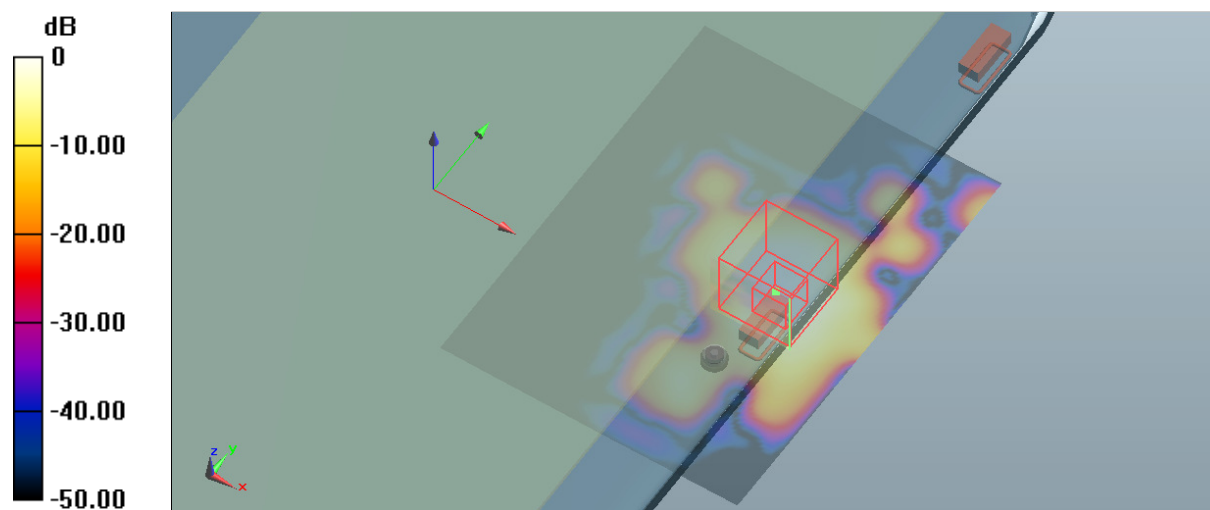
dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.796 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 2.067 mW/g

SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.985 mW/g



0 dB = 0.568 mW/g = -4.91 dB mW/g

SAR MEASUREMENT PLOT 2

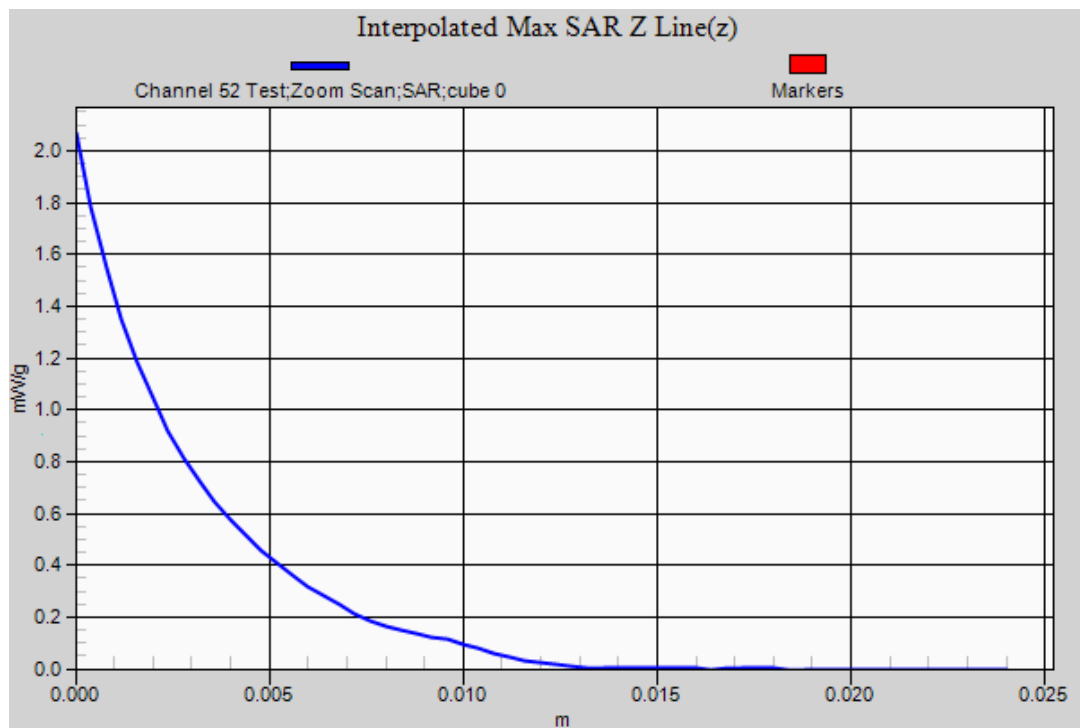
Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
41.0%



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Test Date: 17 August 2012

File Name: M120812_Lap Held OFDM 5200 MHz Antenna A (1) 17-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 5.606$ mho/m; $\epsilon_r = 47.926$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

Configuration/Channel 64 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.558 mW/g

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

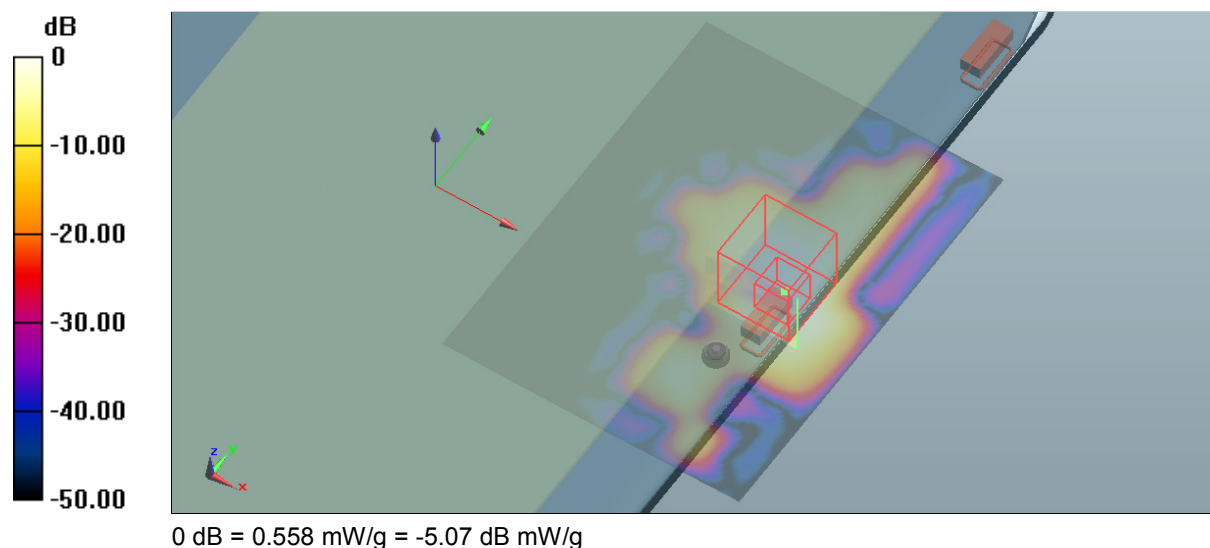
dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.766 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.135 mW/g

SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



SAR MEASUREMENT PLOT 3

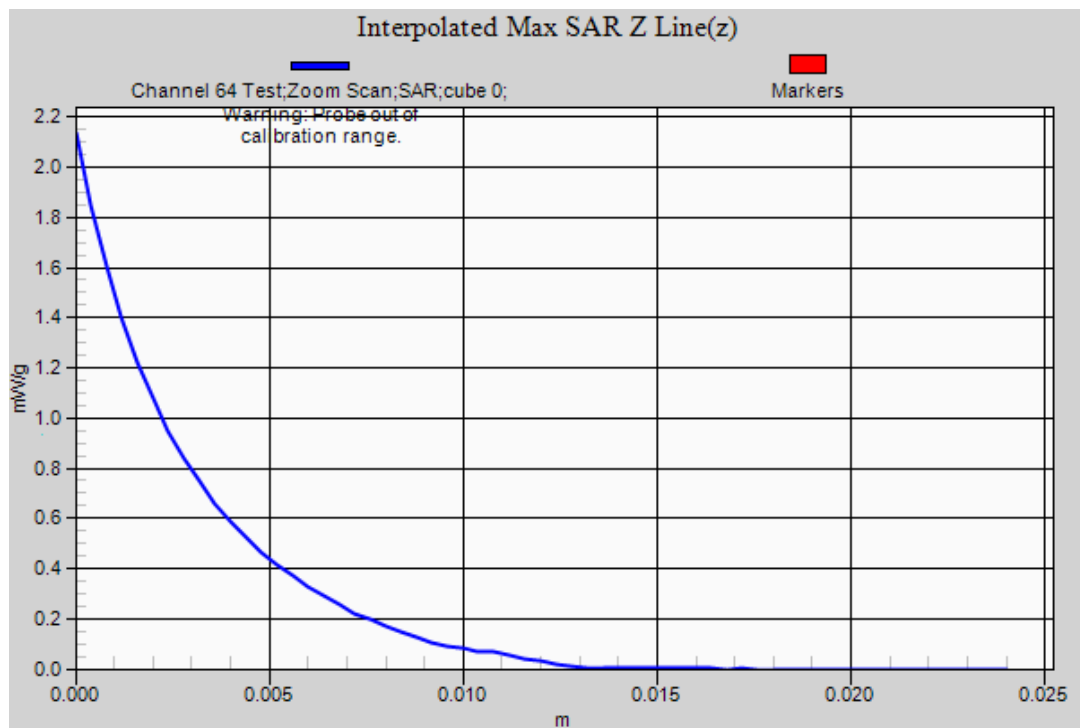
Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
41.0%



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Test Date: 17 August 2012

File Name: M120812_Lap Held HT0 (40MHz) 5200 MHz Antenna A (1) 17-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 5.413$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

Configuration/Channel 46 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.644 mW/g

Configuration/Channel 46 Test/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

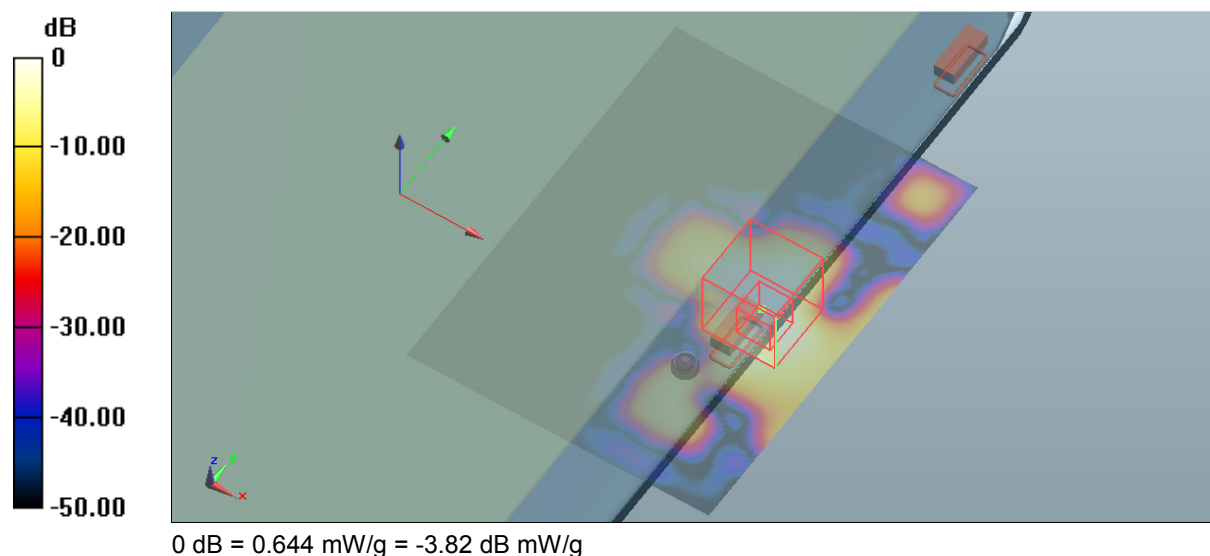
dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.326 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.128 mW/g

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 1.04 mW/g



SAR MEASUREMENT PLOT 4

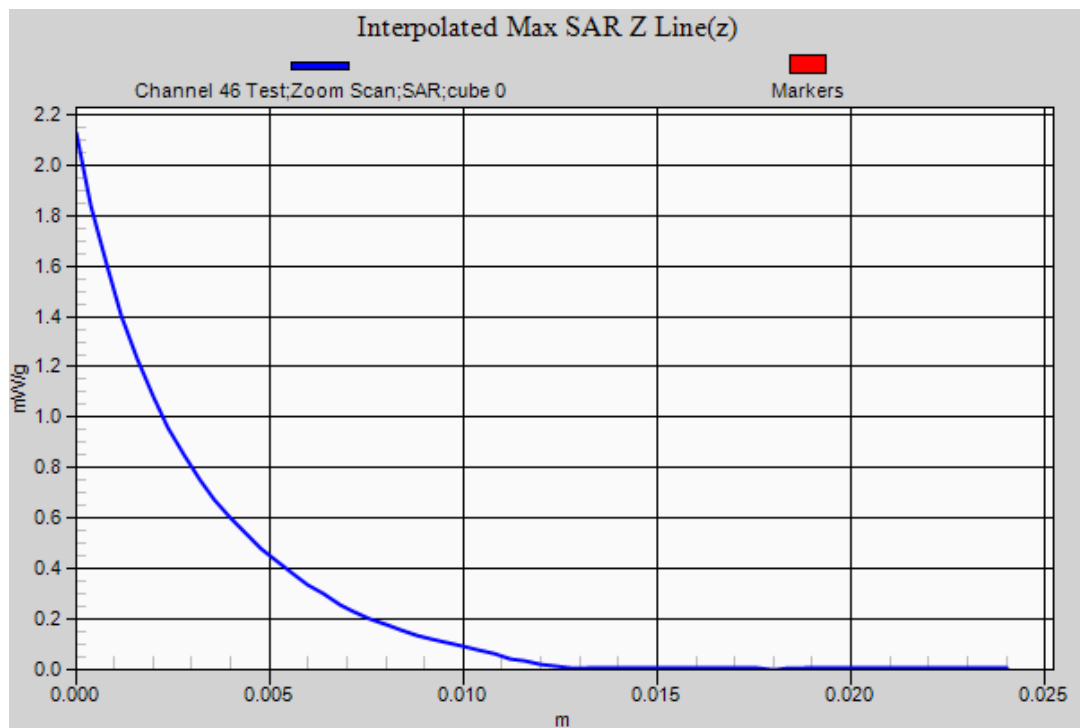
Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
41.0%



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Test Date: 17 August 2012

File Name: M120812_Lap Held OFDM 5200 MHz Antenna B (2) 17-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 5.319$ mho/m; $\epsilon_r = 48.269$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

Configuration/Channel 36 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.423 mW/g

Configuration/Channel 36 Test/Zoom Scan (9x9x12)/Cube 0: Measurement grid:

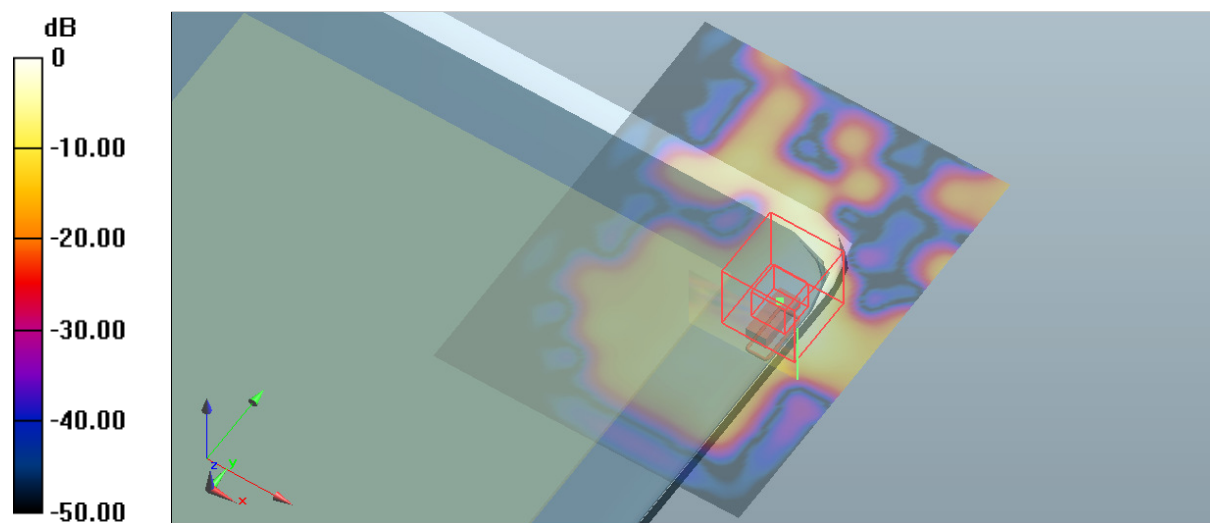
dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.813 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 1.245 mW/g

SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.750 mW/g



0 dB = 0.423 mW/g = -7.47 dB mW/g

SAR MEASUREMENT PLOT 5

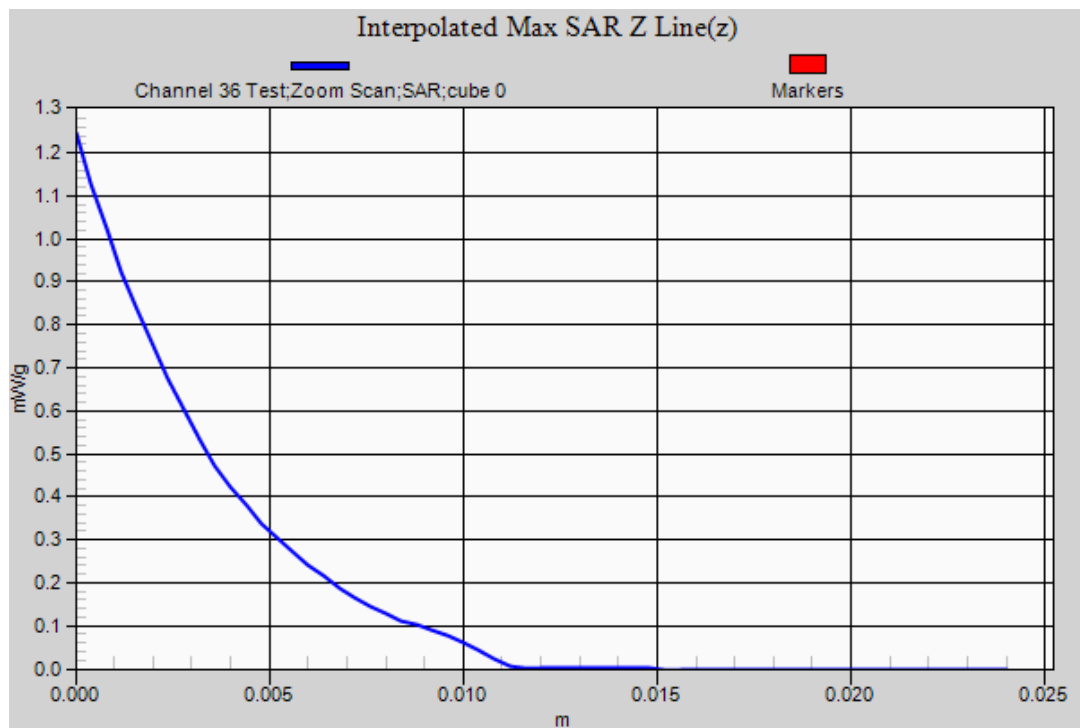
Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
41.0%



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Test Date: 17 August 2012

File Name: M120812_Lap Held OFDM 5200 MHz Antenna B (2) 17-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 5.487$ mho/m; $\epsilon_r = 48.074$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

Configuration/Channel 52 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.498 mW/g

Configuration/Channel 52 Test/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

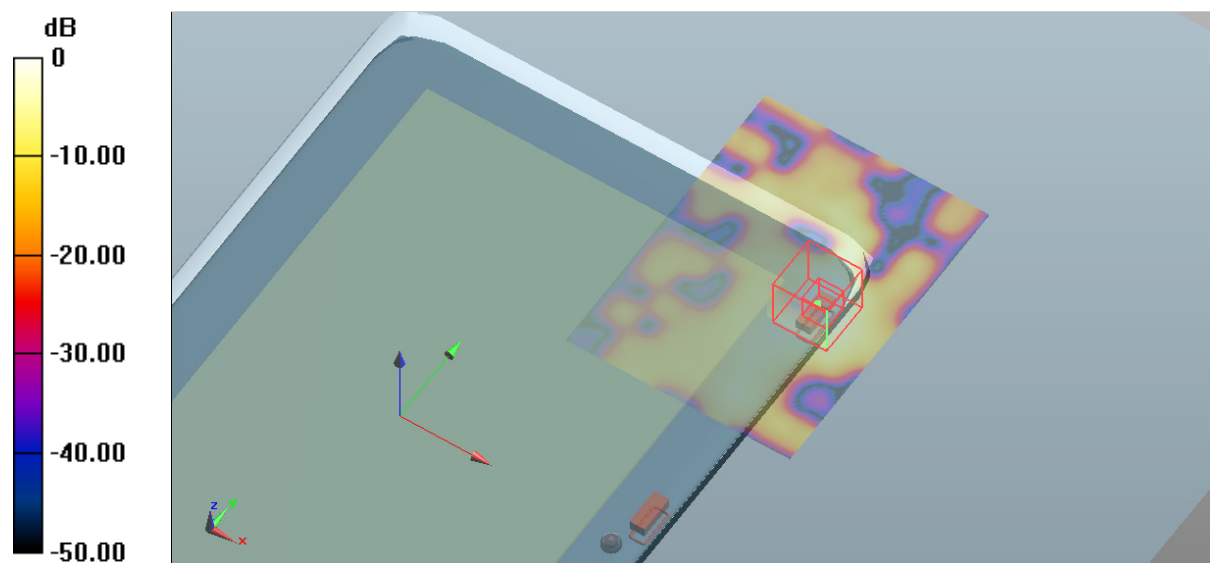
dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.664 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.981 mW/g

SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.979 mW/g



0 dB = 0.498 mW/g = -6.06 dB mW/g

SAR MEASUREMENT PLOT 6

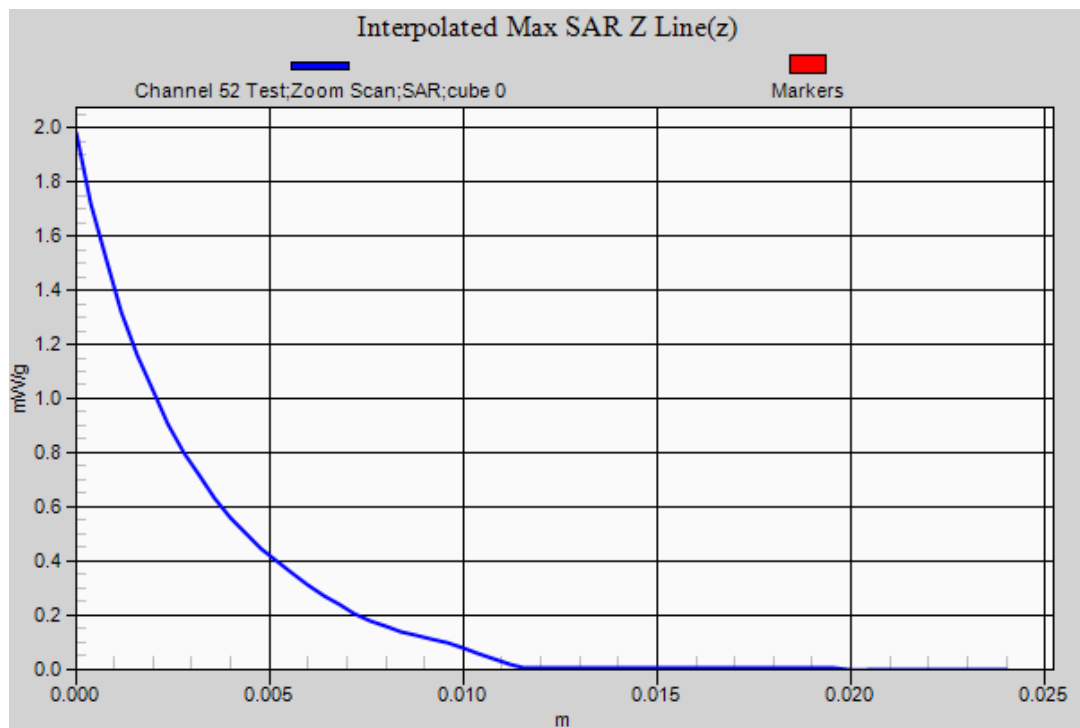
Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
41.0%



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Test Date: 17 August 2012

File Name: M120812_Lap Held OFDM 5200 MHz Antenna B (2) 17-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 5.606$ mho/m; $\epsilon_r = 47.926$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

Configuration/Channel 64 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.460 mW/g

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

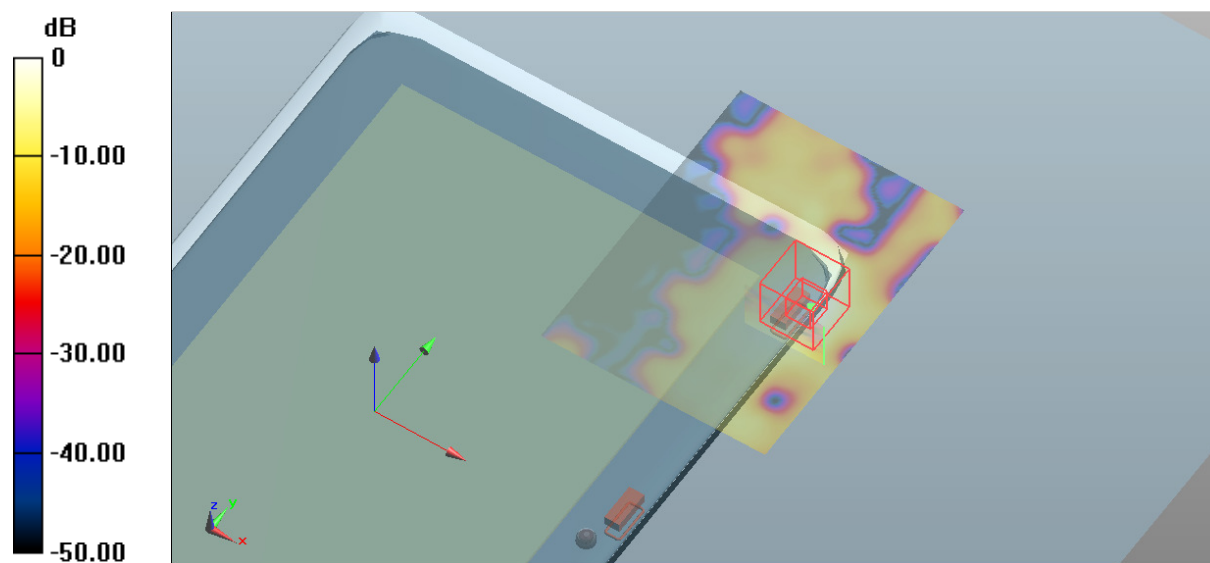
dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.758 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.965 mW/g

SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.914 mW/g



0 dB = 0.460 mW/g = -6.74 dB mW/g

SAR MEASUREMENT PLOT 7

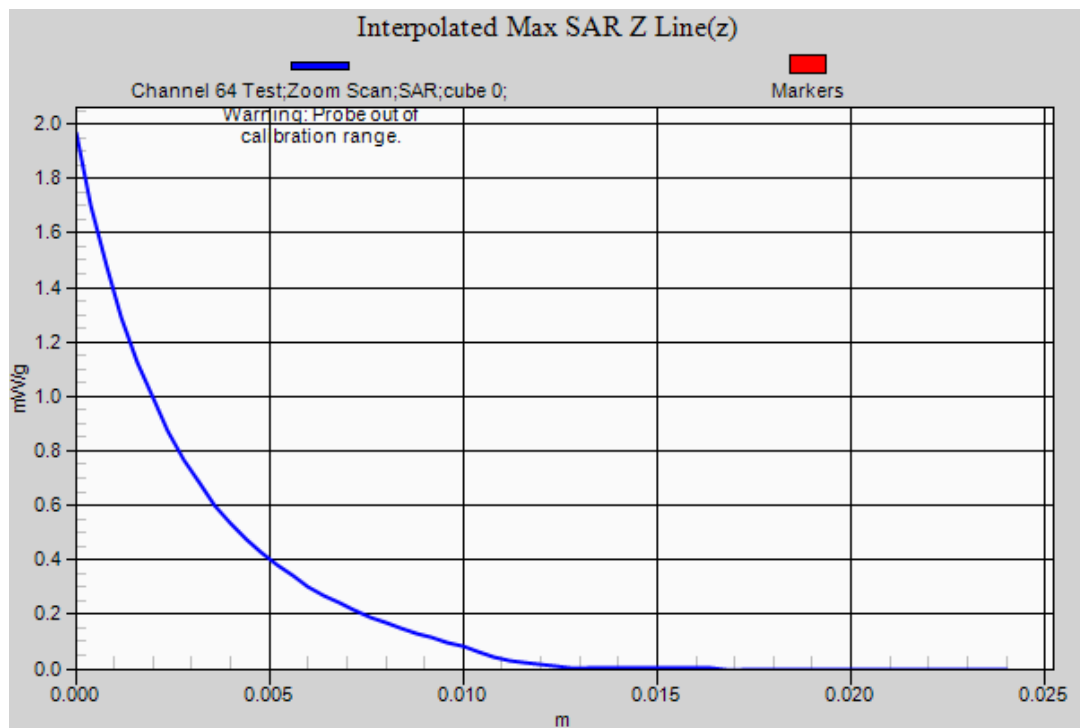
Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
41.0%



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Test Date: 17 August 2012

File Name: M120812 Lap Held HT0 (40MHz) 5200 MHz Antenna B (2) 17-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 5.413$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

Configuration/Channel 46 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.632 mW/g

Configuration/Channel 46 Test/Zoom Scan (7x7x12)/Cube 0: Measurement grid:

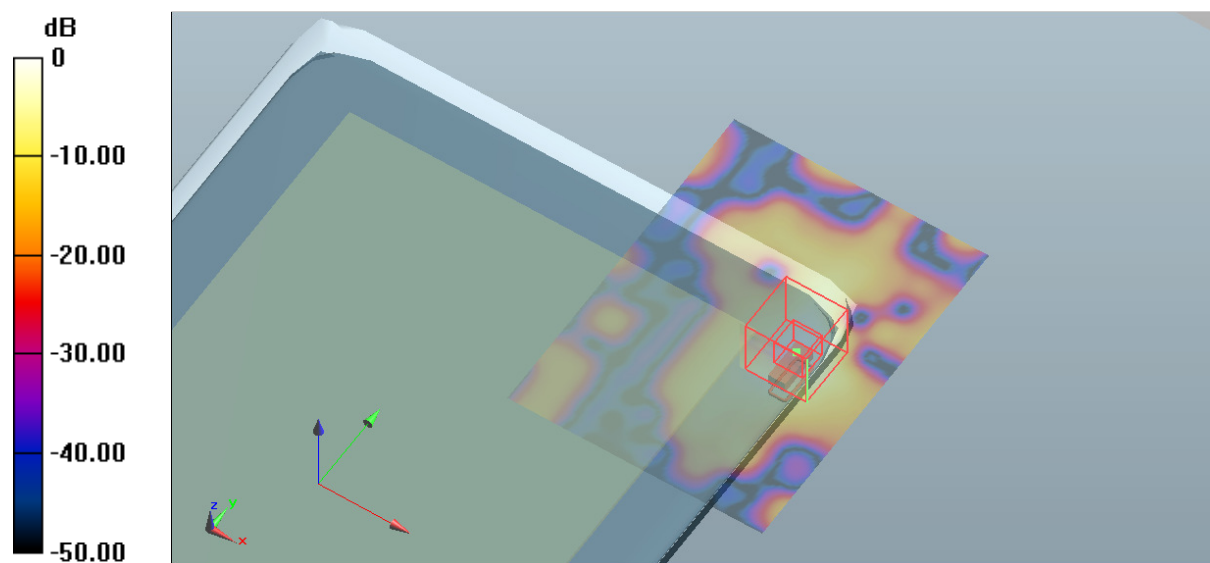
dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.784 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.224 mW/g

SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 1.09 mW/g



0 dB = 0.632 mW/g = -3.99 dB mW/g

SAR MEASUREMENT PLOT 8

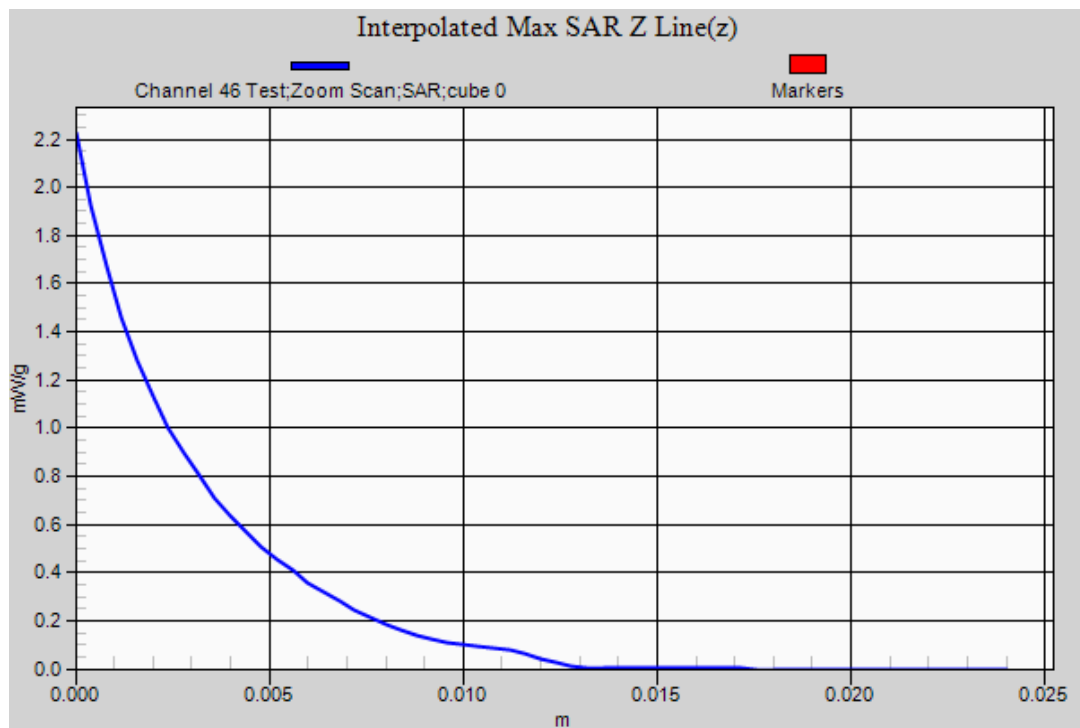
Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
41.0%



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Test Date: 16 August 2012

File Name: M120812_Lap Held HT0 (40MHz) 5600 MHz Antenna A (1) 16-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 5.821$ mho/m; $\epsilon_r = 47.133$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.4, 3.4, 3.4); Calibrated: 21/06/2012

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

Configuration/Channel 102 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.550 mW/g

Configuration/Channel 102 Test/Zoom Scan (8x8x9)/Cube 0: Measurement grid:

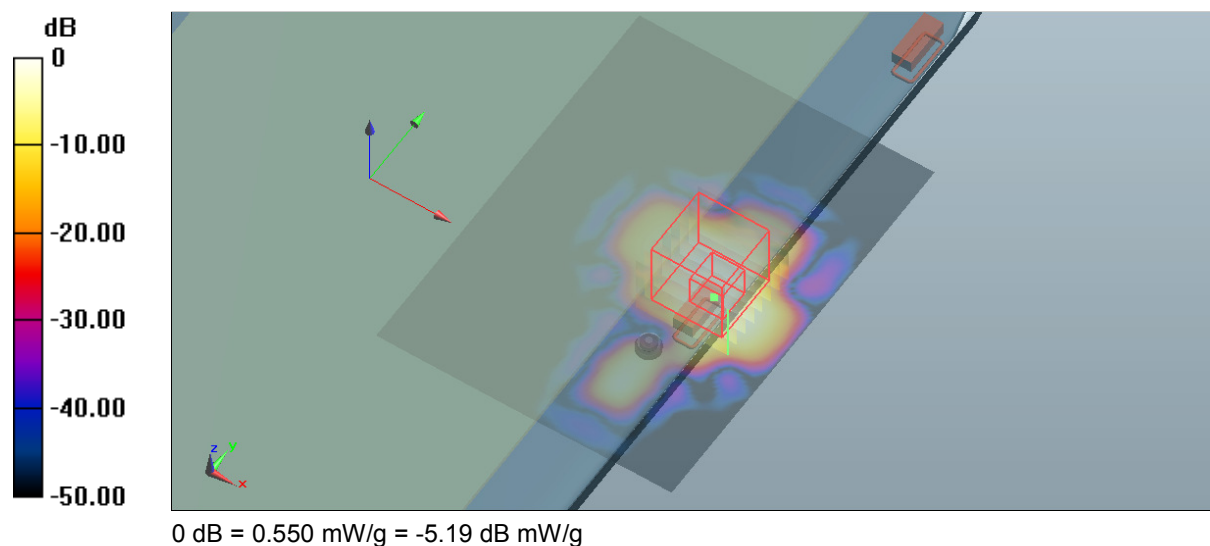
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.982 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.890 mW/g

SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.158 mW/g

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



SAR MEASUREMENT PLOT 9

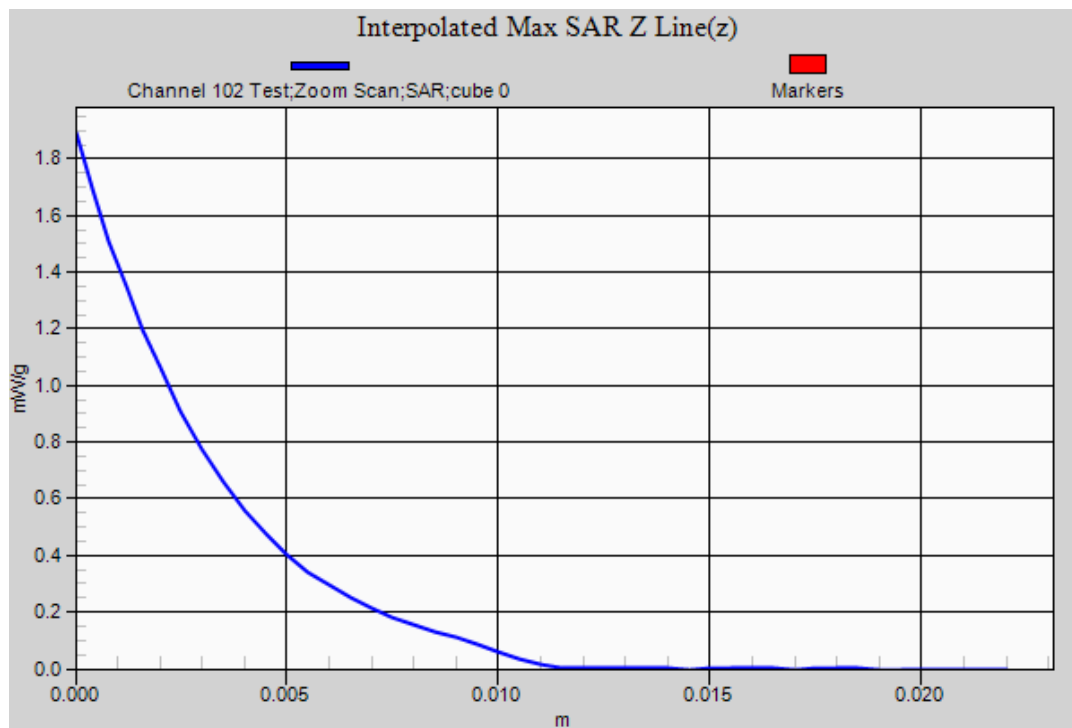
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
39.0%



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Test Date: 16 August 2012

File Name: M120812_Lap Held HT0 (40MHz) 5600 MHz Antenna A (1) 16-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 5.965$ mho/m; $\epsilon_r = 46.847$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.4, 3.4, 3.4); Calibrated: 21/06/2012

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

Configuration/Channel 118 Test/Area Scan (91x121x1): 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:

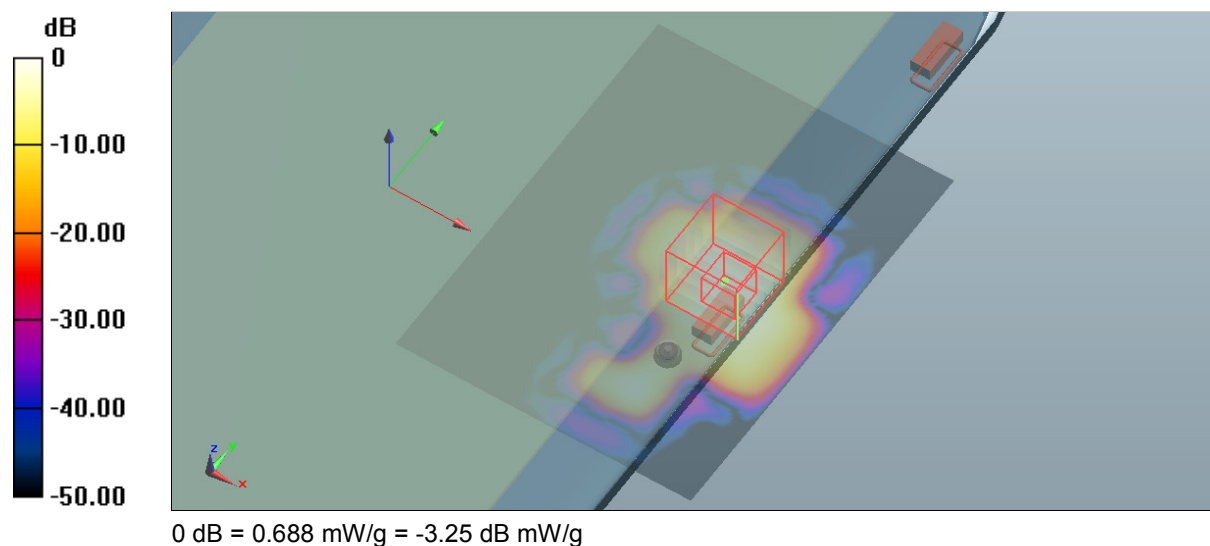
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.363 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.789 mW/g

SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.209 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



SAR MEASUREMENT PLOT 10

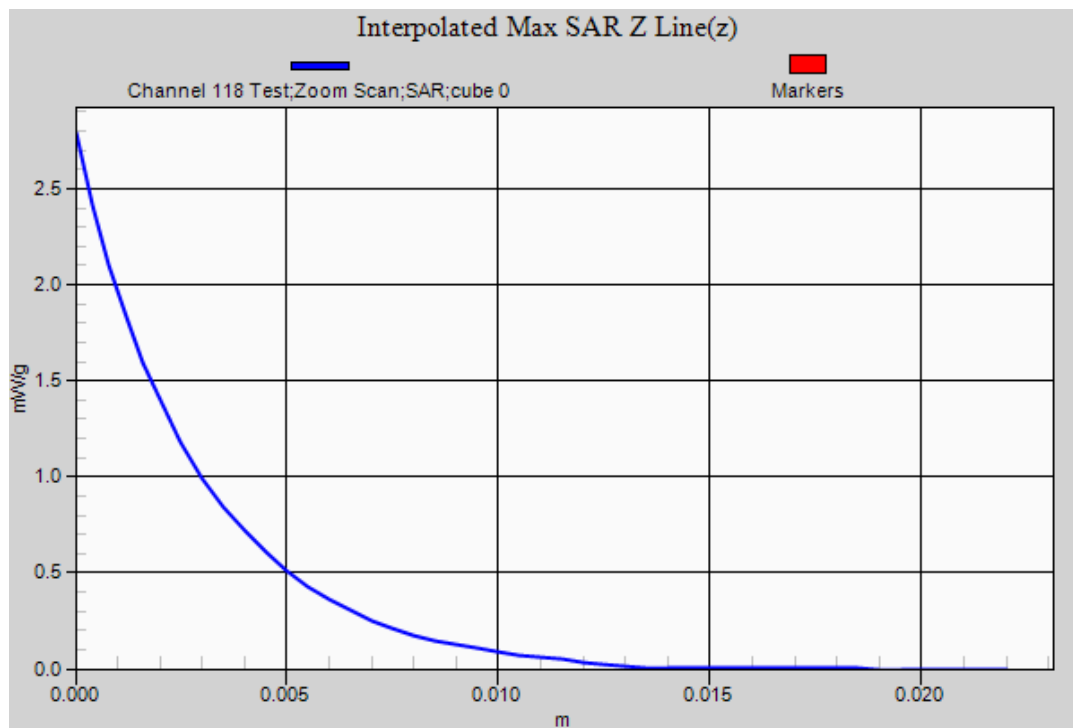
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
39.0%



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Test Date: 16 August 2012

File Name: M120812_Lap Held HT0 (40MHz) 5600 MHz Antenna A (1) 16-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 6.099$ mho/m; $\epsilon_r = 46.634$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.4, 3.4, 3.4); Calibrated: 21/06/2012

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

Configuration/Channel 134 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.936 mW/g

Configuration/Channel 134 Test/Zoom Scan (8x8x9)/Cube 0: Measurement grid:

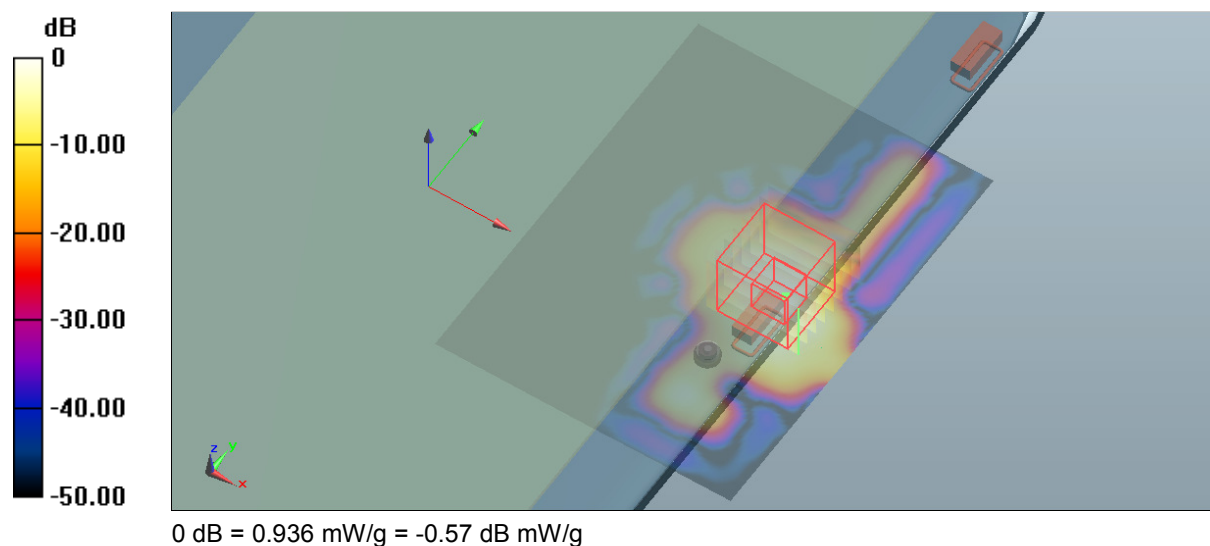
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.372 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.651 mW/g

SAR(1 g) = 0.838 mW/g; SAR(10 g) = 0.265 mW/g

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



SAR MEASUREMENT PLOT 11

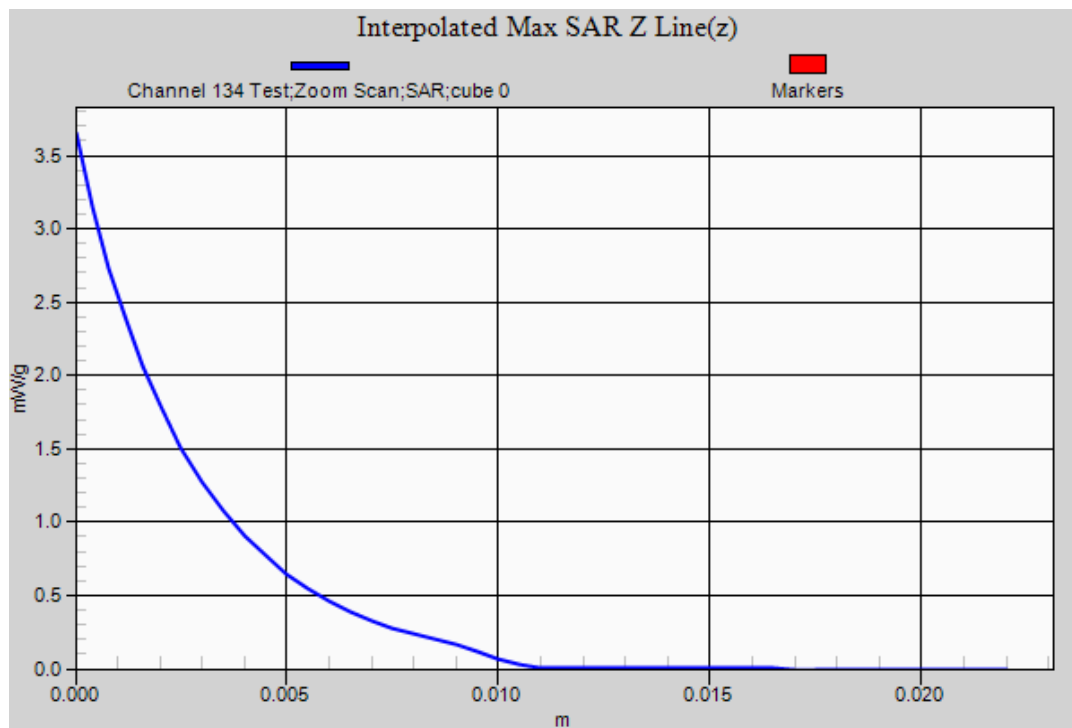
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
39.0%



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Test Date: 16 August 2012

File Name: M120812_Lap Held HT0 (40MHz) 5600 MHz Antenna B (2) 16-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 5.821$ mho/m; $\epsilon_r = 47.133$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.4, 3.4, 3.4); Calibrated: 21/06/2012

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

Configuration/Channel 102 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.824 mW/g

Configuration/Channel 102 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

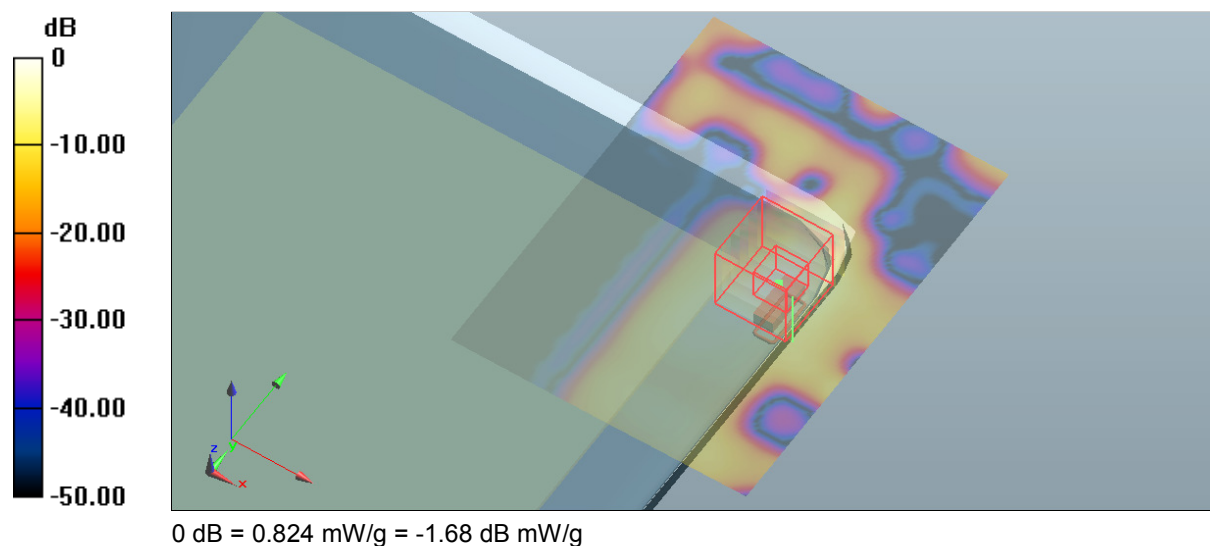
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.204 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.087 mW/g

SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 1.51 mW/g



SAR MEASUREMENT PLOT 12

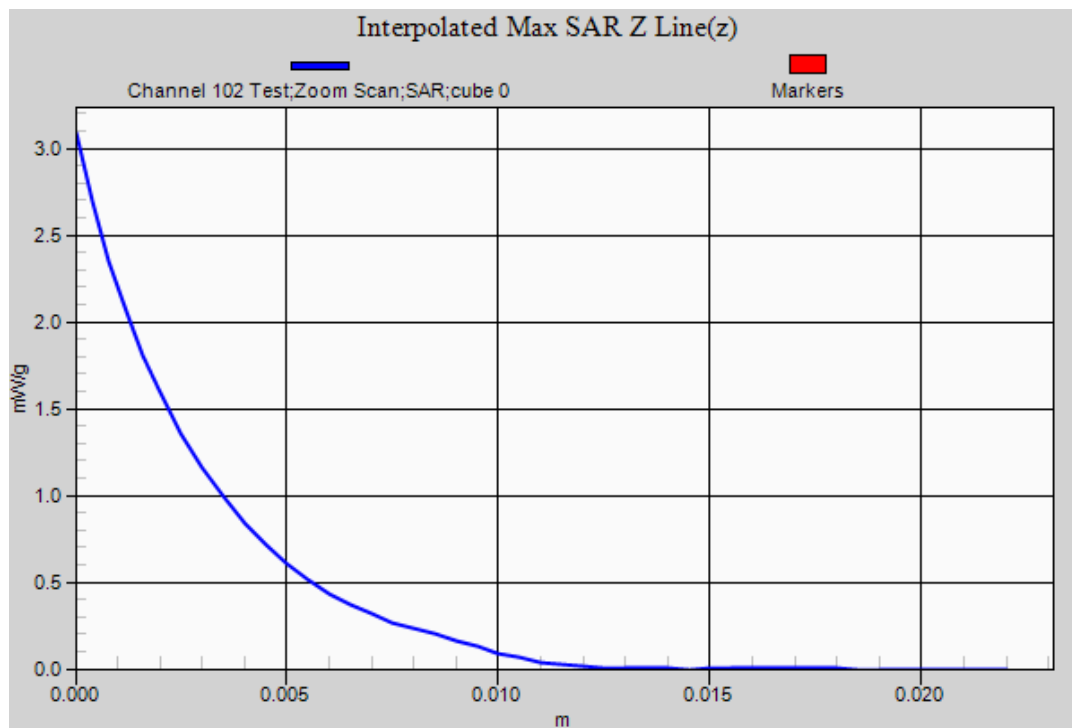
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
39.0%



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Test Date: 16 August 2012

File Name: M120812 Lap Held HT0 (40MHz) 5600 MHz Antenna B (2) 16-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 5.965$ mho/m; $\epsilon_r = 46.847$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.4, 3.4, 3.4); Calibrated: 21/06/2012

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

Configuration/Channel 118 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.730 mW/g

Configuration/Channel 118 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

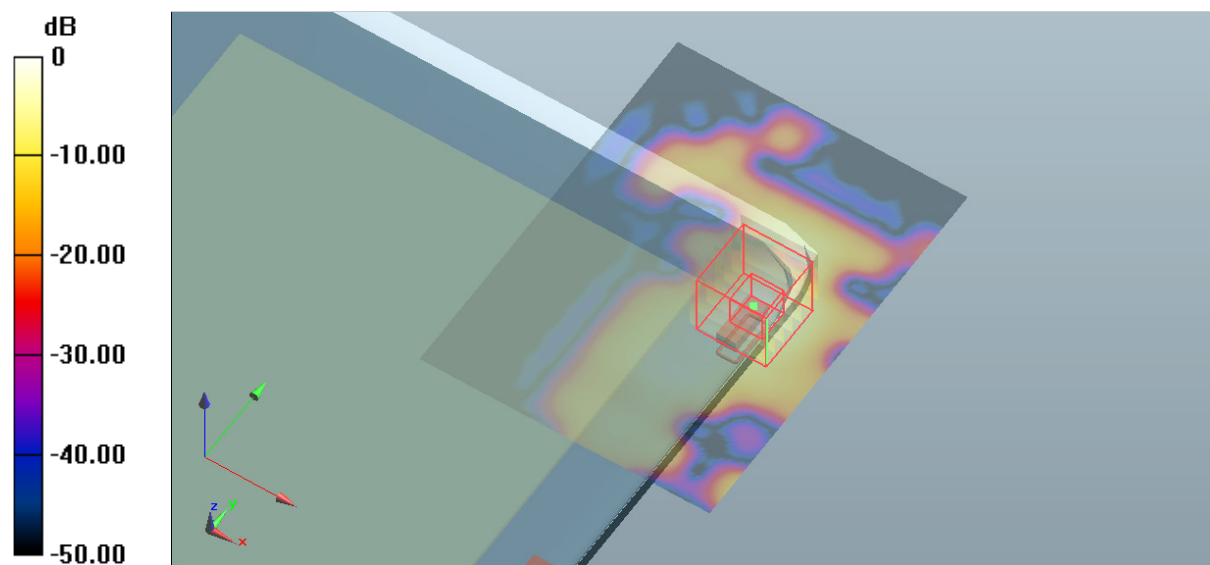
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.328 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.444 mW/g

SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 1.72 mW/g



0 dB = 0.730 mW/g = -2.73 dB mW/g

SAR MEASUREMENT PLOT 13

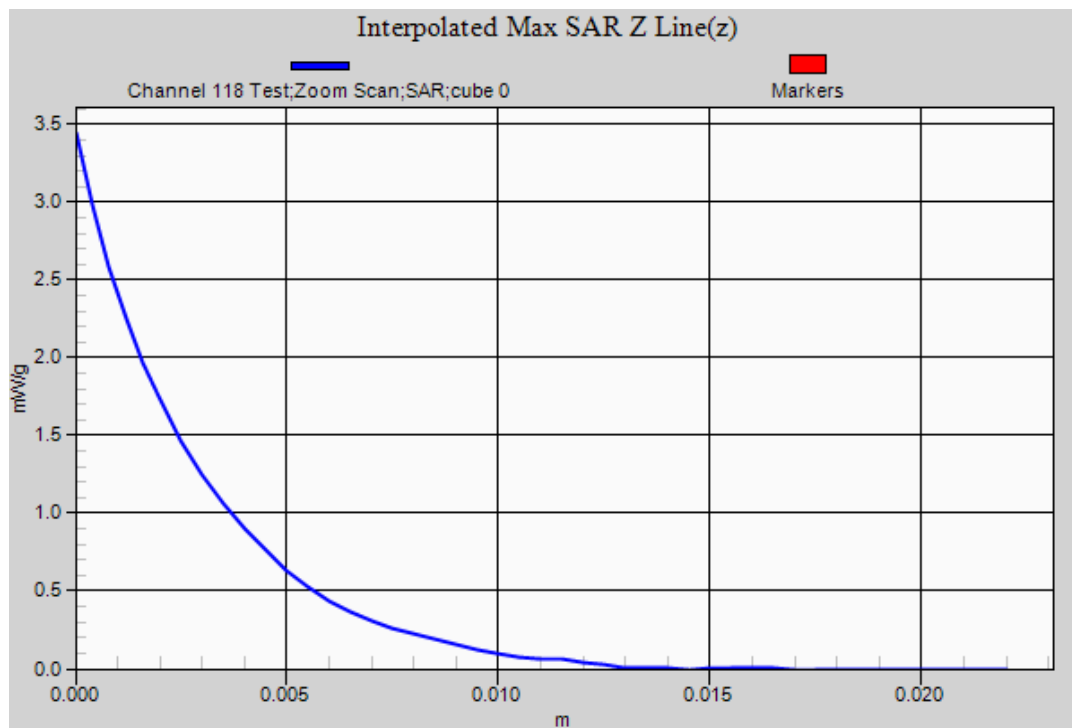
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
39.0%



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Test Date: 16 August 2012

File Name: M120812 Lap Held HT0 (40MHz) 5600 MHz Antenna B (2) 16-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 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; $\sigma = 6.099$ mho/m; $\epsilon_r = 46.634$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.4, 3.4, 3.4); Calibrated: 21/06/2012

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

Configuration/Channel 134 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.550 mW/g

Configuration/Channel 134 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid:

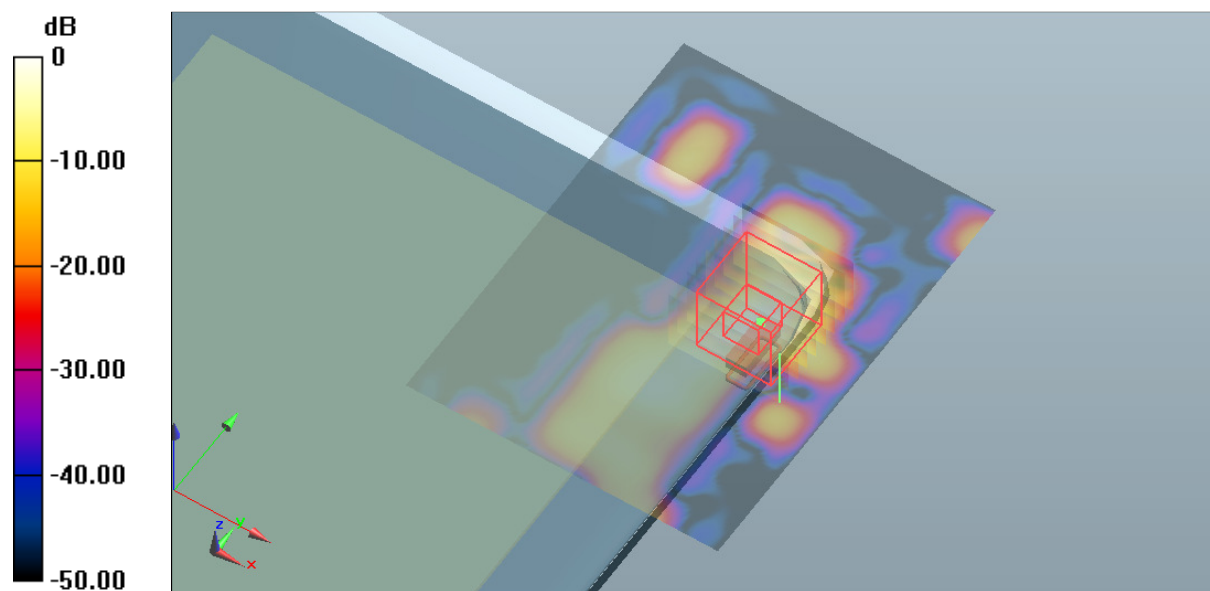
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.161 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.817 mW/g

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.997 mW/g



0 dB = 0.550 mW/g = -5.19 dB mW/g

SAR MEASUREMENT PLOT 14

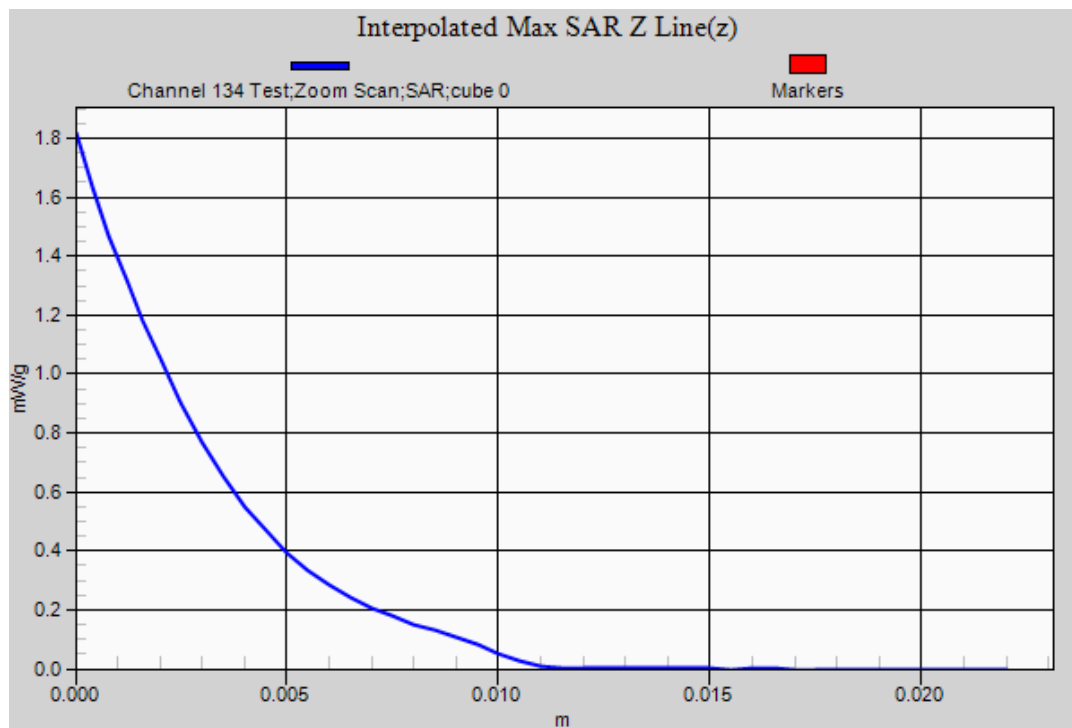
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
39.0%



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Test Date: 15 August 2012

File Name: M120812_Lap Held HT0 (40MHz) 5800 MHz Antenna A (1) 15-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

* Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5755 MHz; Duty Cycle: 1:1

* Medium parameters used: $f = 5757.4$ MHz; $\sigma = 6.137$ mho/m; $\epsilon_r = 46.415$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.37, 3.37, 3.37); Calibrated: 21/06/2012

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

Configuration/Channel 151 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.920 mW/g

Configuration/Channel 151 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

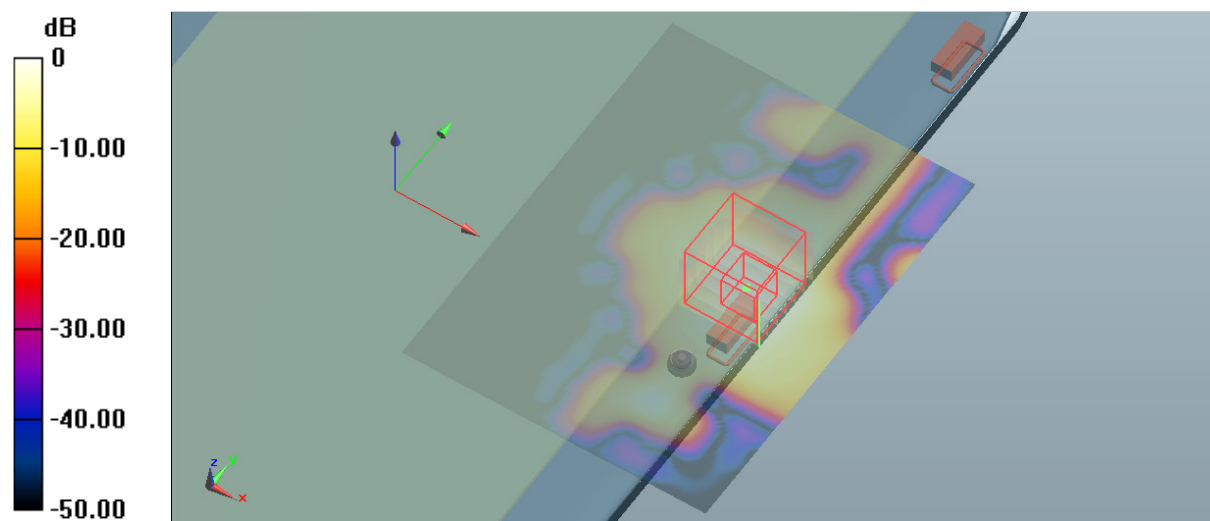
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.416 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.704 mW/g

SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 1.90 mW/g



0 dB = 0.920 mW/g = -0.72 dB mW/g

SAR MEASUREMENT PLOT 15

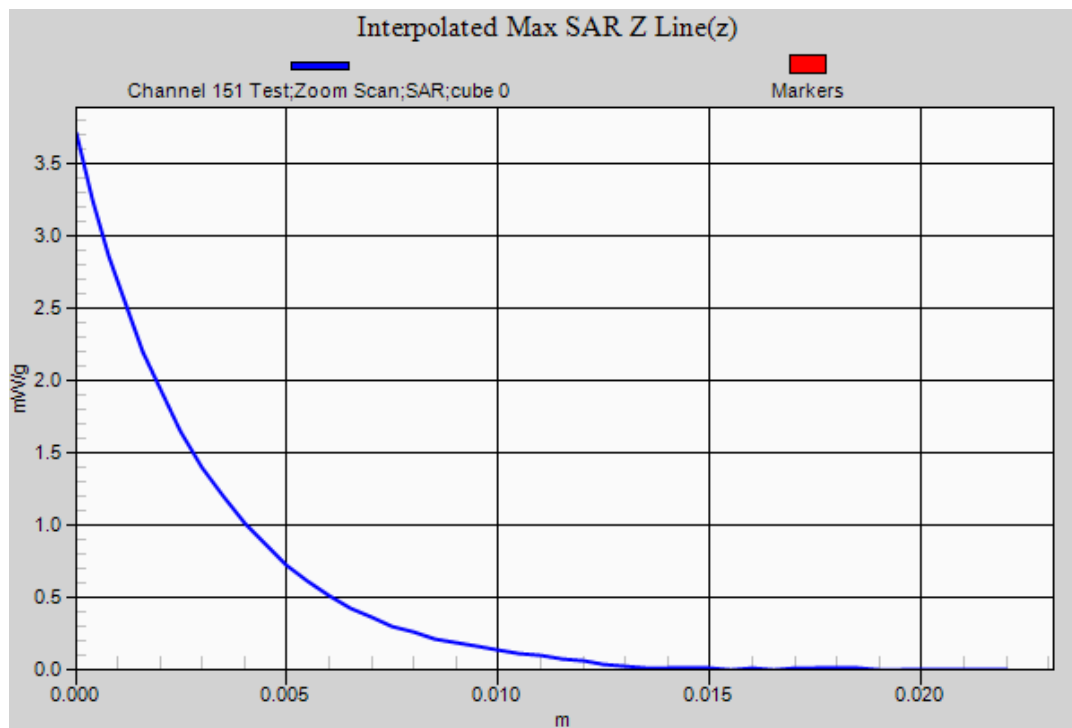
Ambient Temperature
Liquid Temperature
Humidity

20.7 Degrees Celsius
20.5 Degrees Celsius
38.0%



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Test Date: 15 August 2012

File Name: M120812_Lap Held OFDM 5800 MHz Antenna A (1) 15-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5785 MHz; Duty Cycle: 1:17.0451

* Medium parameters used: $f = 5783.8$ MHz; $\sigma = 6.185$ mho/m; $\epsilon_r = 46.351$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.37, 3.37, 3.37); Calibrated: 21/06/2012

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

Configuration/Channel 157 Test 2/Area Scan (91x121x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.15 mW/g

Configuration/Channel 157 Test 2/Zoom Scan (9x9x9)/Cube 0: Measurement grid:

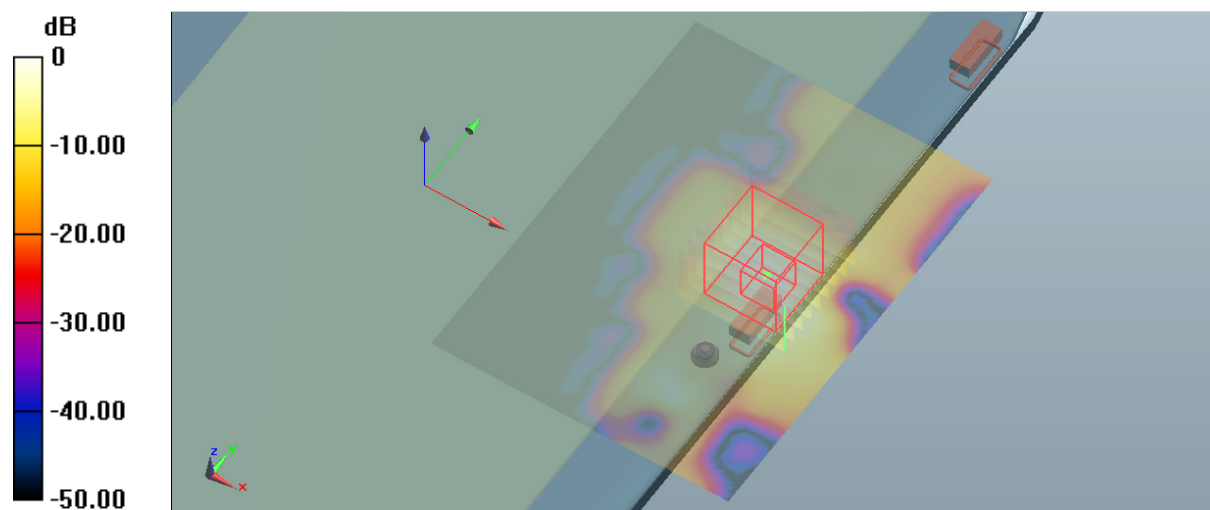
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.067 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.491 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.350 mW/g

Maximum value of SAR (measured) = 2.19 mW/g



0 dB = 1.15 mW/g = 1.21 dB mW/g

SAR MEASUREMENT PLOT 16

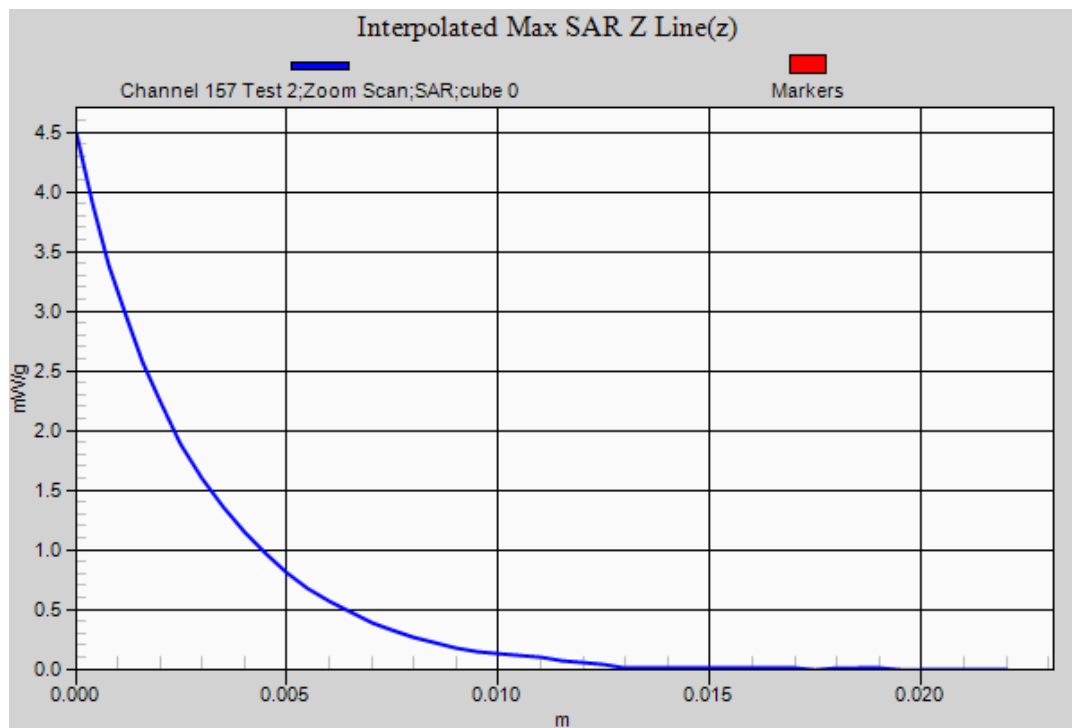
Ambient Temperature
Liquid Temperature
Humidity

20.7 Degrees Celsius
20.5 Degrees Celsius
38.0%



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Test Date: 15 August 2012

File Name: M120812_Lap Held OFDM 5800 MHz Antenna A (1) 15-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5825 MHz; Duty Cycle: 1:17.0451

* Medium parameters used: $f = 5823.4$ MHz; $\sigma = 6.245$ mho/m; $\epsilon_r = 46.237$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.37, 3.37, 3.37); Calibrated: 21/06/2012

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

Configuration/Channel 165 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.11 mW/g

Configuration/Channel 165 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid:

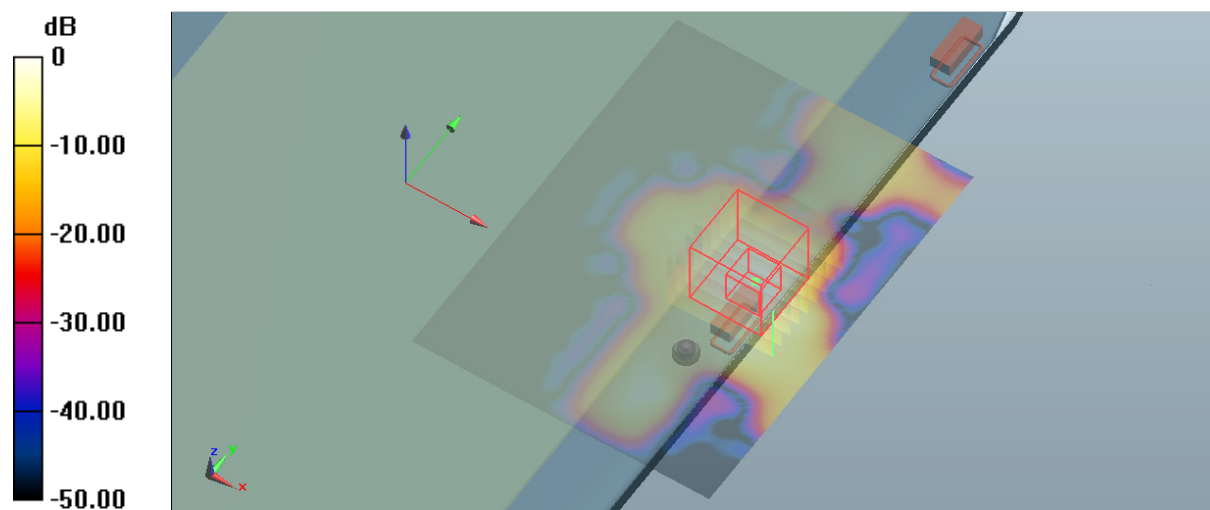
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.361 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.538 mW/g

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 2.22 mW/g



0 dB = 1.11 mW/g = 0.91 dB mW/g

SAR MEASUREMENT PLOT 17

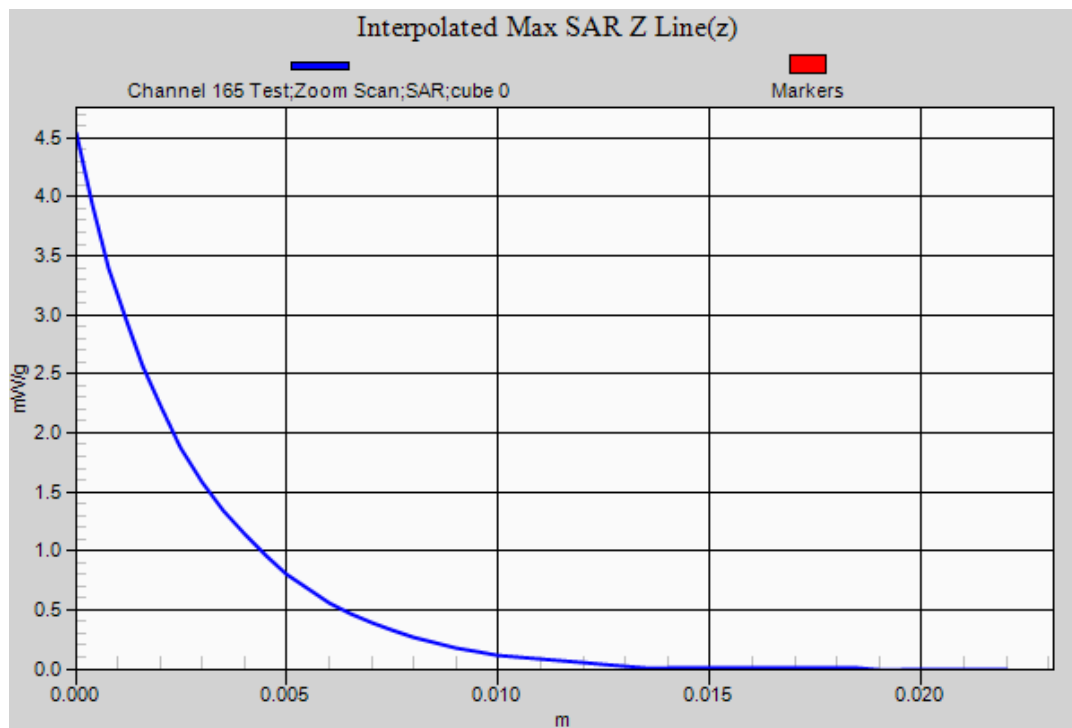
Ambient Temperature
Liquid Temperature
Humidity

20.7 Degrees Celsius
20.5 Degrees Celsius
38.0%



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Test Date: 15 August 2012

File Name: M120812_Lap Held HT0 (40MHz) 5800 MHz Antenna B (2) 15-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

* Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5755 MHz; Duty Cycle: 1:1

* Medium parameters used: $f = 5757.4$ MHz; $\sigma = 6.137$ mho/m; $\epsilon_r = 46.415$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.37, 3.37, 3.37); Calibrated: 21/06/2012

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

Configuration/Channel 151 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.665 mW/g

Configuration/Channel 151 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

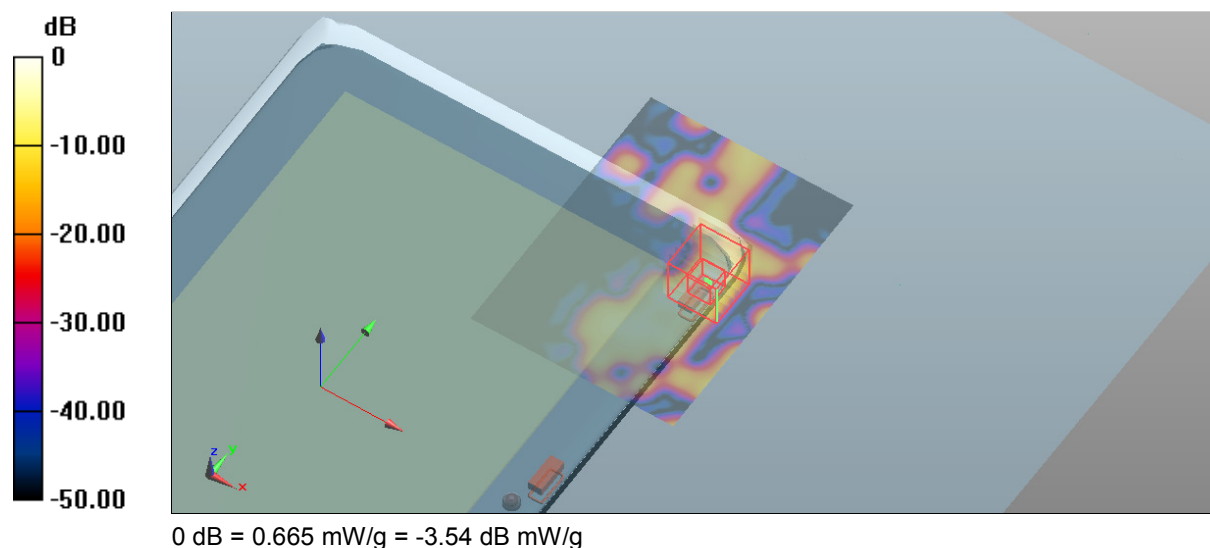
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.273 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.518 mW/g

SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.861 mW/g



SAR MEASUREMENT PLOT 18

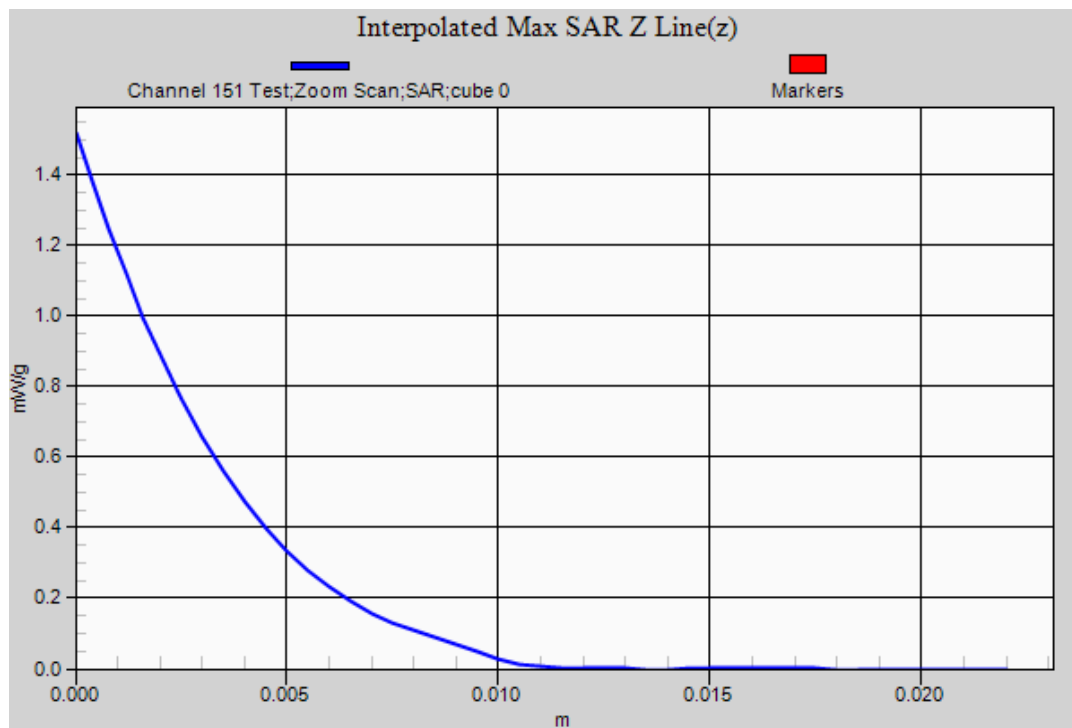
Ambient Temperature
Liquid Temperature
Humidity

20.7 Degrees Celsius
20.5 Degrees Celsius
38.0%



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Test Date: 15 August 2012

File Name: M120812_Lap Held OFDM 5800 MHz Antenna B (2) 15-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5785 MHz; Duty Cycle: 1:17.0451

* Medium parameters used: $f = 5783.8$ MHz; $\sigma = 6.185$ mho/m; $\epsilon_r = 46.351$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.37, 3.37, 3.37); Calibrated: 21/06/2012

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

Configuration/Channel 157 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.571 mW/g

Configuration/Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

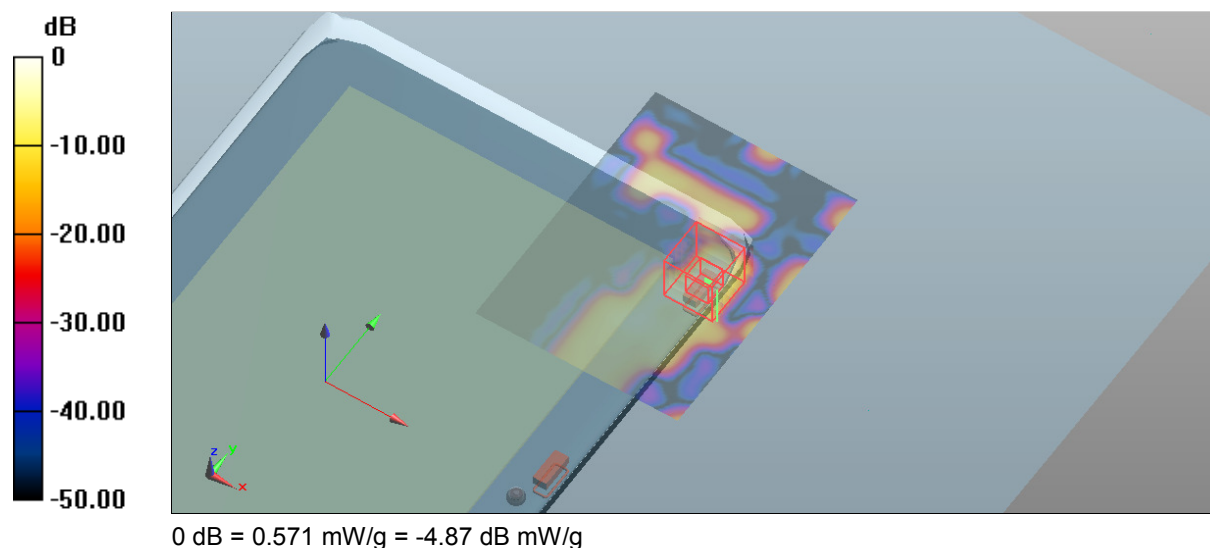
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.126 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.822 mW/g

SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (measured) = 0.766 mW/g



SAR MEASUREMENT PLOT 19

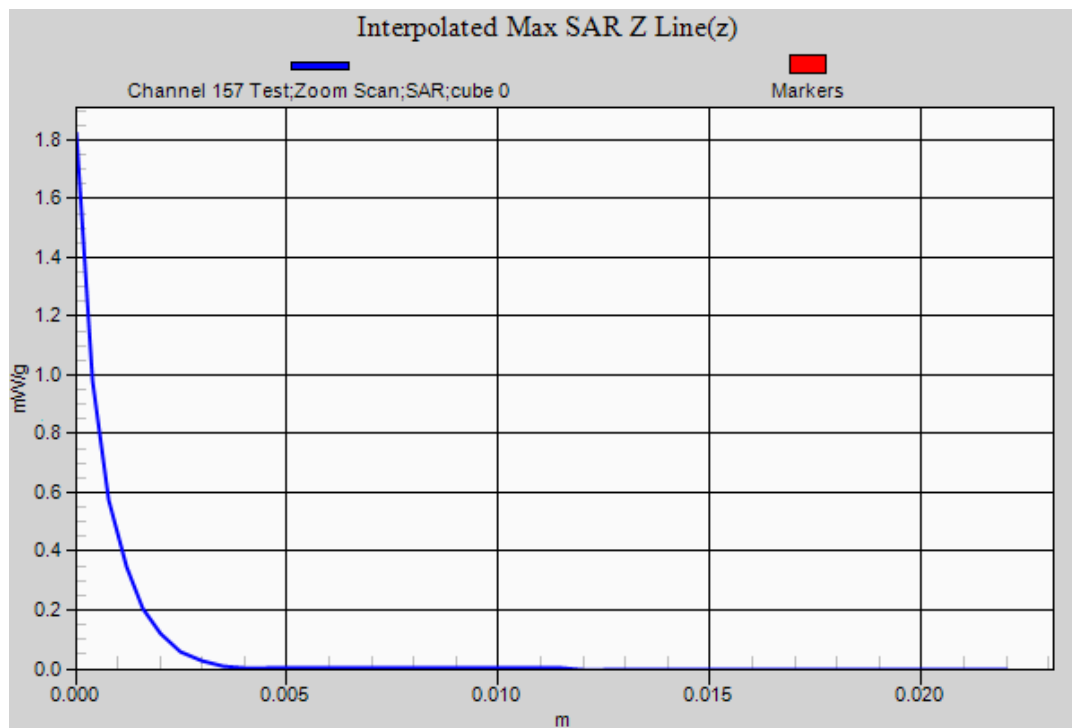
Ambient Temperature
Liquid Temperature
Humidity

20.7 Degrees Celsius
20.5 Degrees Celsius
38.0%



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Test Date: 15 August 2012

File Name: M120812_Lap Held OFDM 5800 MHz Antenna B (2) 15-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5825 MHz; Duty Cycle: 1:17.0451

* Medium parameters used: $f = 5823.4$ MHz; $\sigma = 6.245$ mho/m; $\epsilon_r = 46.237$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.37, 3.37, 3.37); Calibrated: 21/06/2012

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

Configuration/Channel 165 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.598 mW/g

Configuration/Channel 165 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid:

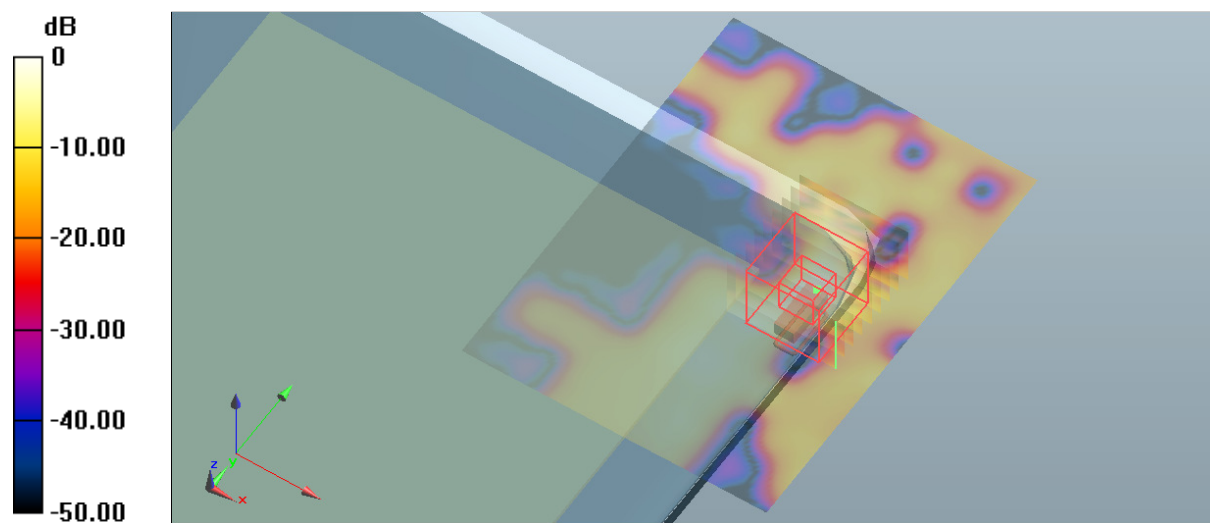
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.409 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.288 mW/g

SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.812 mW/g



0 dB = 0.598 mW/g = -4.47 dB mW/g

SAR MEASUREMENT PLOT 20

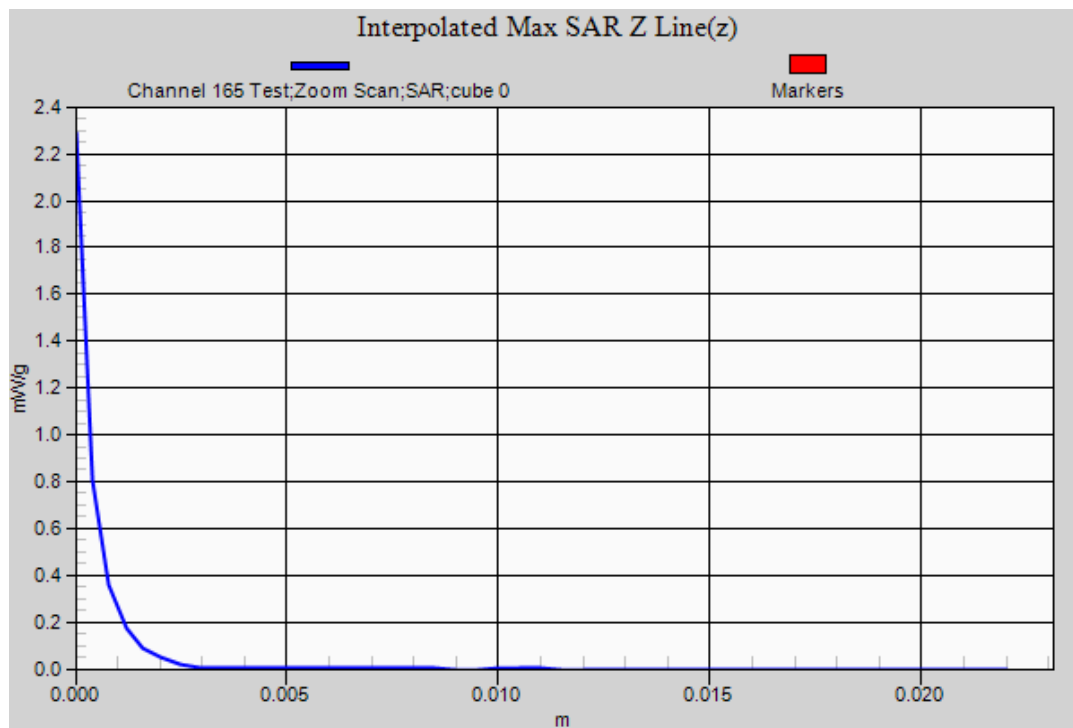
Ambient Temperature
Liquid Temperature
Humidity

20.7 Degrees Celsius
20.5 Degrees Celsius
38.0%



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Test Date: 15 August 2012

File Name: M120812 Edge On Primary Portrait OFDM 5800 MHz Antenna A (1) 15-08-12.da52:0

DUT: Fujitsu Tablet Quattro with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: B4749F72213F

* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5785 MHz; Duty Cycle: 1:17.0451

* Medium parameters used: $f = 5783.8$ MHz; $\sigma = 6.185$ mho/m; $\epsilon_r = 46.351$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.37, 3.37, 3.37); Calibrated: 21/06/2012

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

Configuration/Channel 157 Test/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.126 mW/g

Configuration/Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

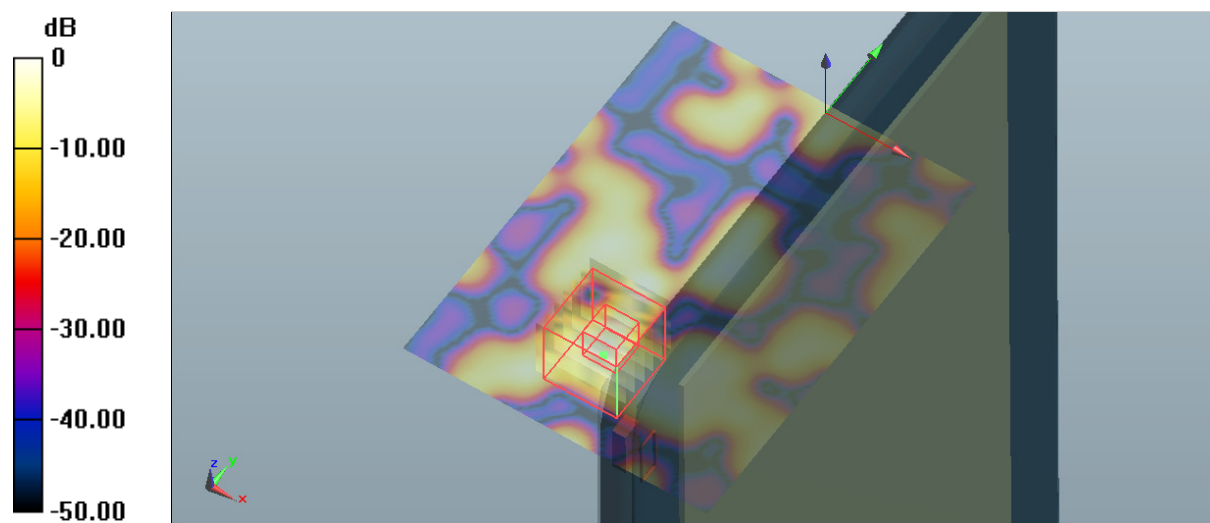
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.478 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.508 mW/g

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.196 mW/g



0 dB = 0.126 mW/g = -17.99 dB mW/g

SAR MEASUREMENT PLOT 21

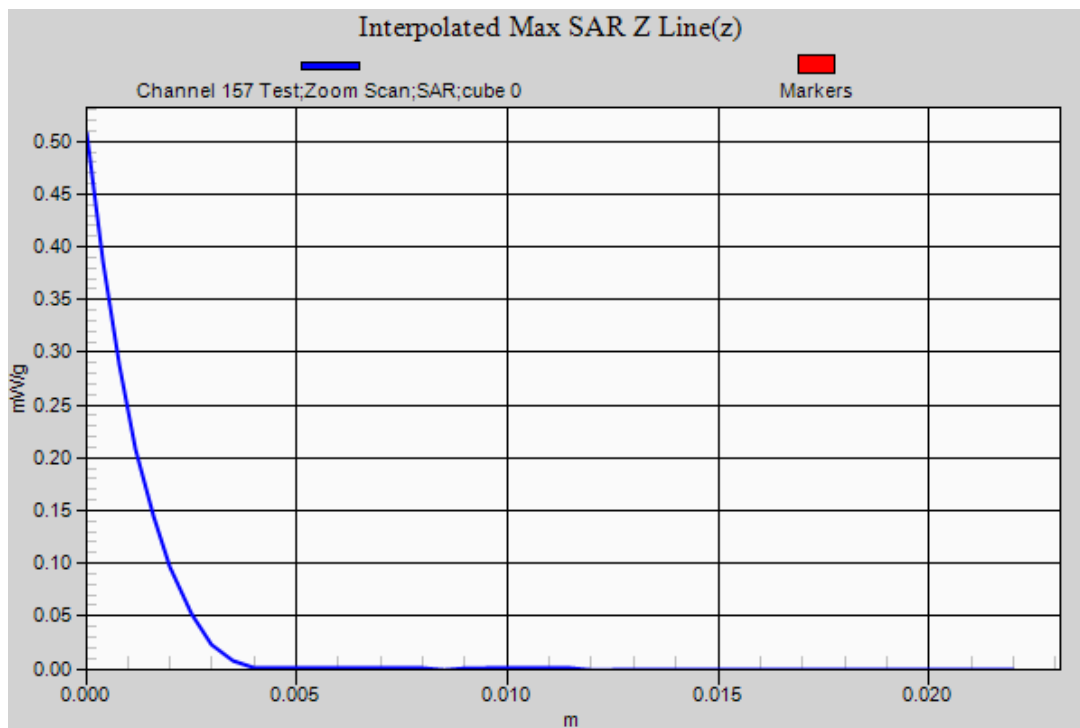
Ambient Temperature
Liquid Temperature
Humidity

20.7 Degrees Celsius
20.5 Degrees Celsius
38.0%



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Test Date: 15 August 2012

File Name: System Check 5800MHz 15-08-12.da52:0

DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5800 MHz; Frequency: 5800 MHz; Duty Cycle: 1:1

* Medium parameters used: $f = 5797$ MHz; $\sigma = 6.206$ mho/m; $\epsilon_r = 46.281$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.37, 3.37, 3.37); Calibrated: 21/06/2012

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

Configuration/Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 19.6 mW/g

Configuration/Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

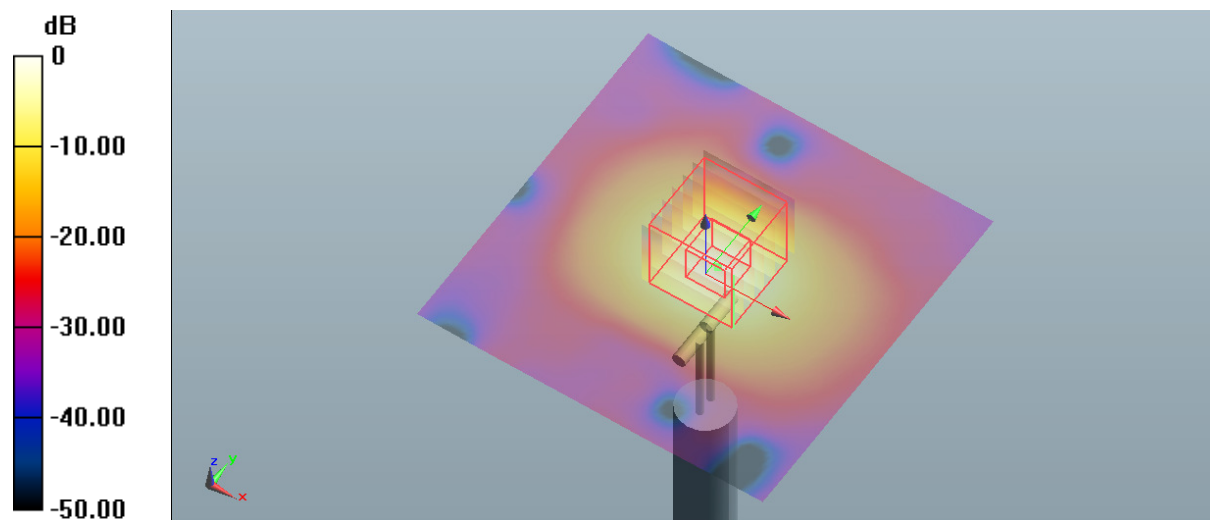
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 58.940 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 38.705 mW/g

SAR(1 g) = 9.23 mW/g; SAR(10 g) = 2.57 mW/g

Maximum value of SAR (measured) = 20.4 mW/g



0 dB = 19.6 mW/g = 25.85 dB mW/g

SAR MEASUREMENT PLOT 22

Ambient Temperature

20.7 Degrees Celsius

Liquid Temperature

20.5 Degrees Celsius

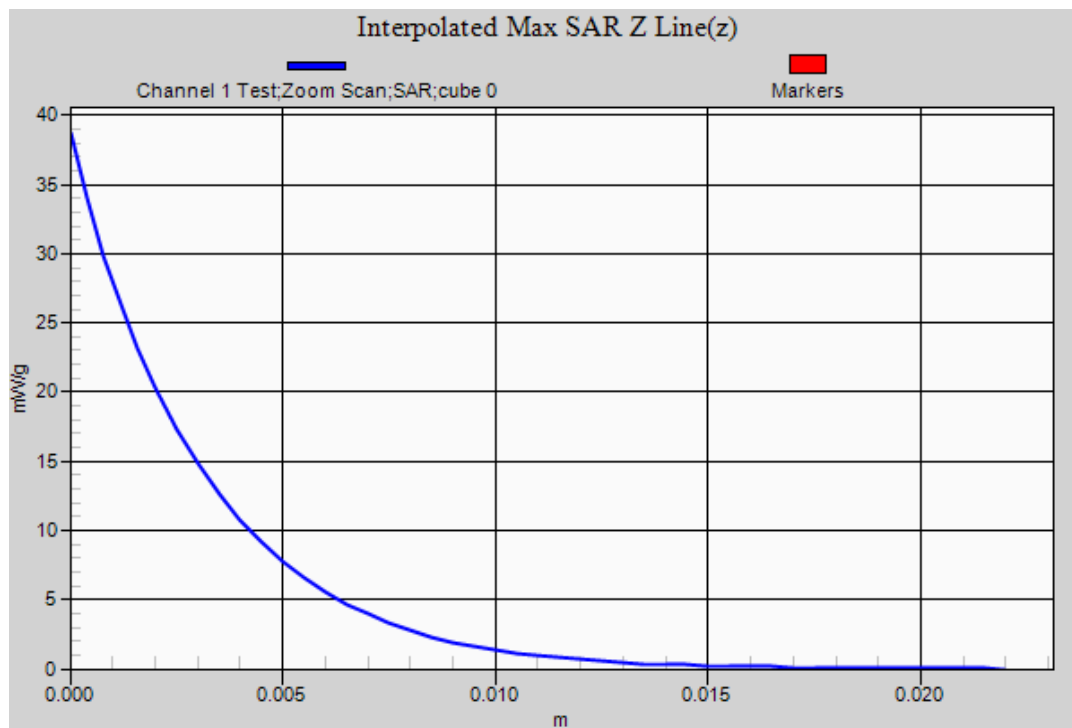
Humidity

38.0%



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Test Date: 16 August 2012

File Name: System Check 5500MHz 16-08-12.da52:0

DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5500 MHz; Frequency: 5500 MHz; Duty Cycle: 1:1

* Medium parameters used: $f = 5500$ MHz; $\sigma = 5.796$ mho/m; $\epsilon_r = 47.148$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.4, 3.4, 3.4); Calibrated: 21/06/2012

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

Configuration/Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 21.3 mW/g

Configuration/Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

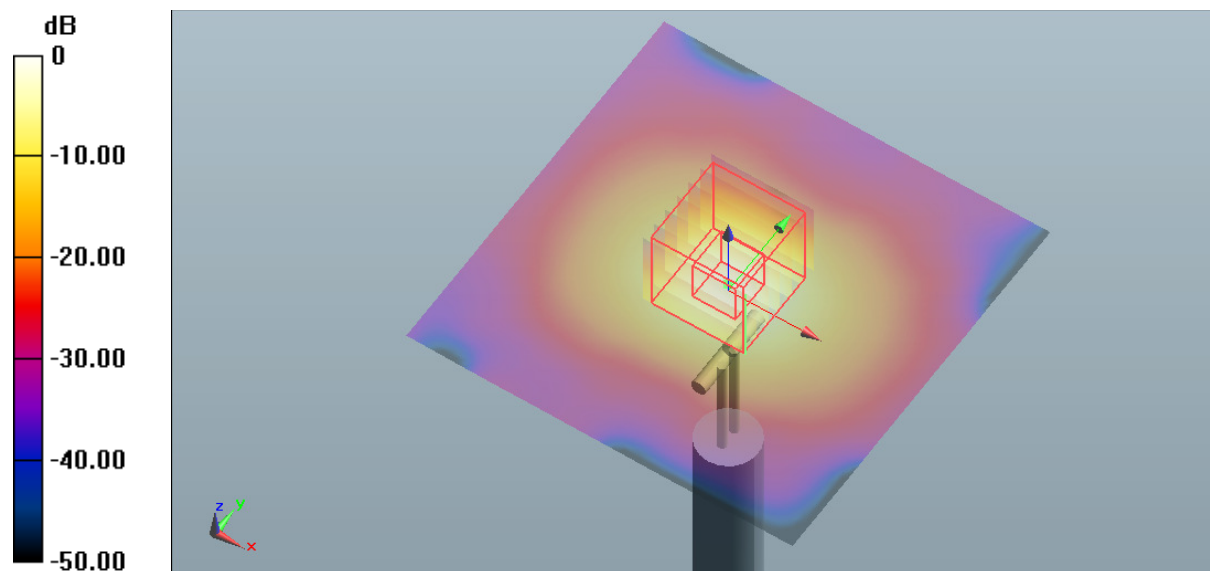
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 65.019 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 39.858 mW/g

SAR(1 g) = 10.1 mW/g; SAR(10 g) = 2.84 mW/g

Maximum value of SAR (measured) = 21.4 mW/g



0 dB = 21.3 mW/g = 26.57 dB mW/g

SAR MEASUREMENT PLOT 23

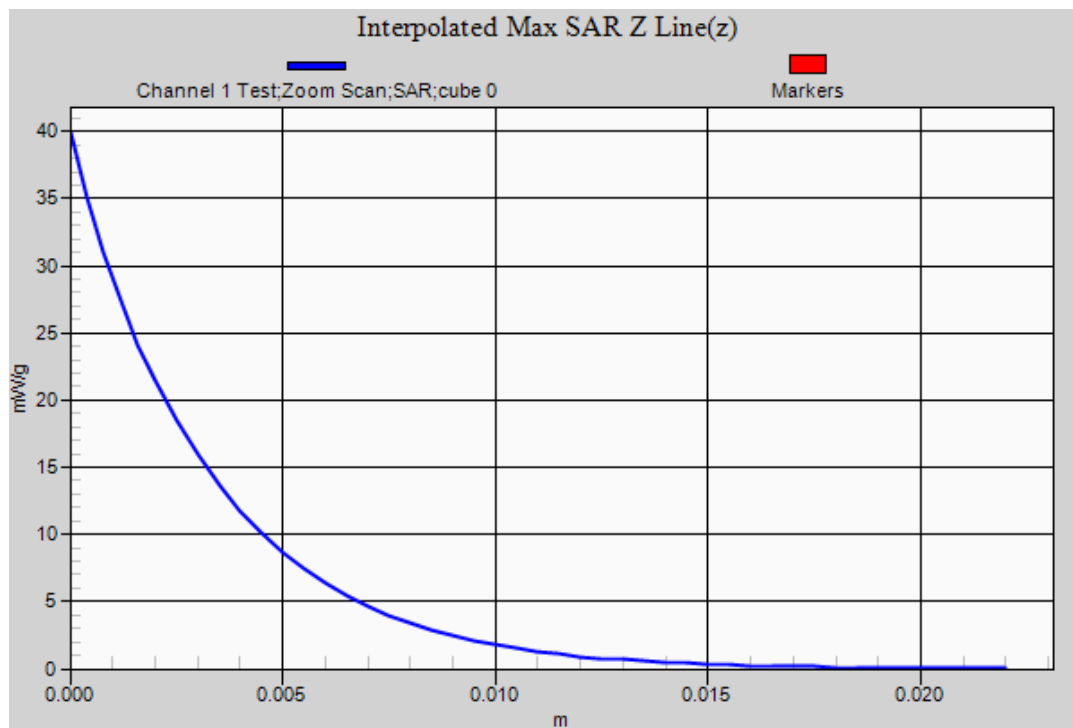
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
39.0%



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Test Date: 17 August 2012

File Name: System Check 5200MHz 17-08-12.da52:0

DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5200 MHz; Frequency: 5200 MHz; Duty Cycle: 1:1

* Medium parameters used: $f = 5203 \text{ MHz}$; $\sigma = 5.355 \text{ mho/m}$; $\epsilon_r = 48.244$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

Configuration/Channel 1 Test/Area Scan (91x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 19.4 mW/g

Configuration/Channel 1 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid:

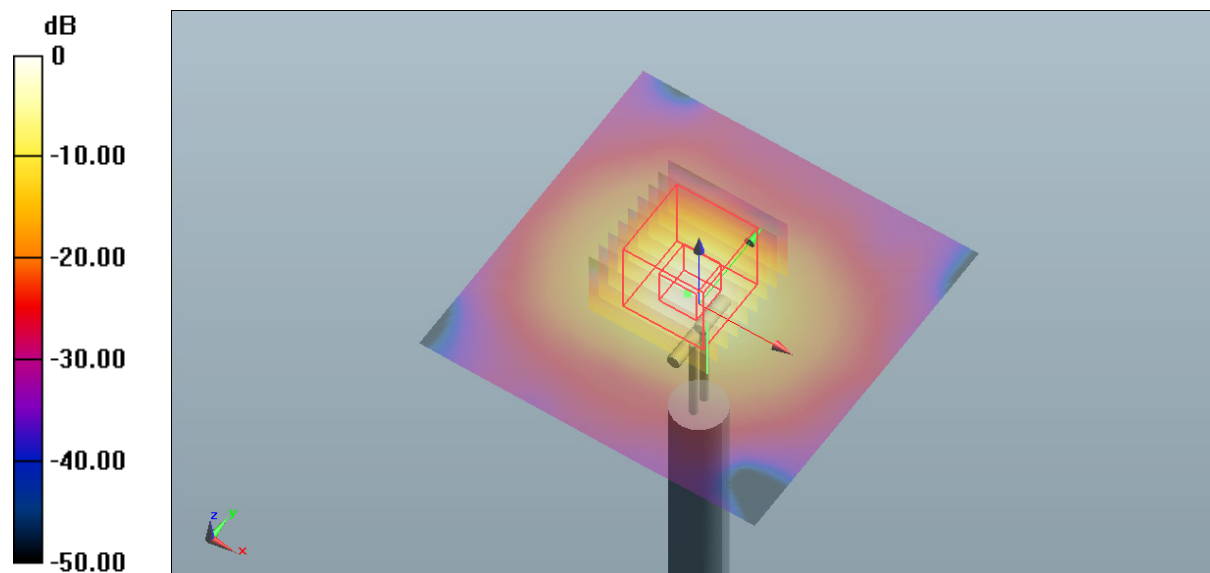
$dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 62.799 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 35.813 mW/g

SAR(1 g) = 9.67 mW/g; SAR(10 g) = 2.72 mW/g

Maximum value of SAR (measured) = 20.1 mW/g



0 dB = 19.4 mW/g = 25.76 dB mW/g

SAR MEASUREMENT PLOT 24

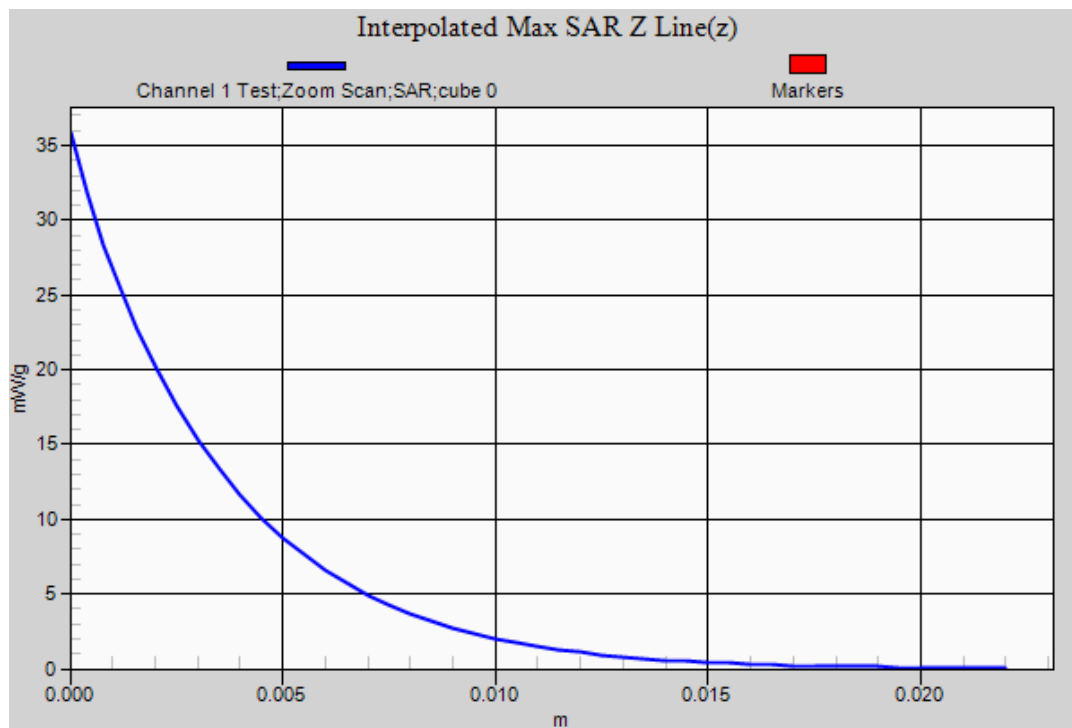
Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2Degrees Celsius
41.0%



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