

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
Bystander (25mm Spacing)	1	A	6	-	52
	2	B	6	-	52
Lap Held	-	A	6	-	52
	3	B	6	-	52
Edge On Secondary Portrait	-	A	6	-	52
Edge On Primary Portrait	4	B	6	-	52
Edge On Secondary Landscape	5	A	6	-	36
	6		HT0	40	46
	7		6	-	52
	8		6	-	64
	9	B	6	-	52

Table 23 5600 MHz Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Bystander (25mm Spacing)	10	A	HT0	40	118
	-	B	HT0	40	118
Lap Held	-	A	HT0	40	118
	-	B	HT0	40	118
Edge On Secondary Portrait	-	A	HT0	40	118
Edge On Primary Portrait	-	B	HT0	40	118
Edge On Secondary Landscape	11	A	HT0	40	102
	12		HT0	40	118
	13		HT0	40	134
	14	B	HT0	40	118



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Table 24 5800 MHz Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Bystander (25mm Spacing)	15	A	HT0	40	151
	16	B	HT0	40	151
Lap Held	-	A	HT0	40	151
	17	B	HT0	40	151
Edge On Secondary Portrait	-	A	HT0	40	151
Edge On Primary Portrait	-	B	HT0	40-	151
Edge On Secondary Landscape	18	A	HT0	40	151
	19		6	-	157
	20		6	-	165
	21	B	HT0	40	151

Table 25 System verification Plots

Plot 22	System verification 5200 MHz 9 th September 2012
Plot 23	System verification 5500 MHz 9 th September 2012
Plot 24	System verification 5800 MHz 10 th September 2012



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Test Date: 09 September 2012

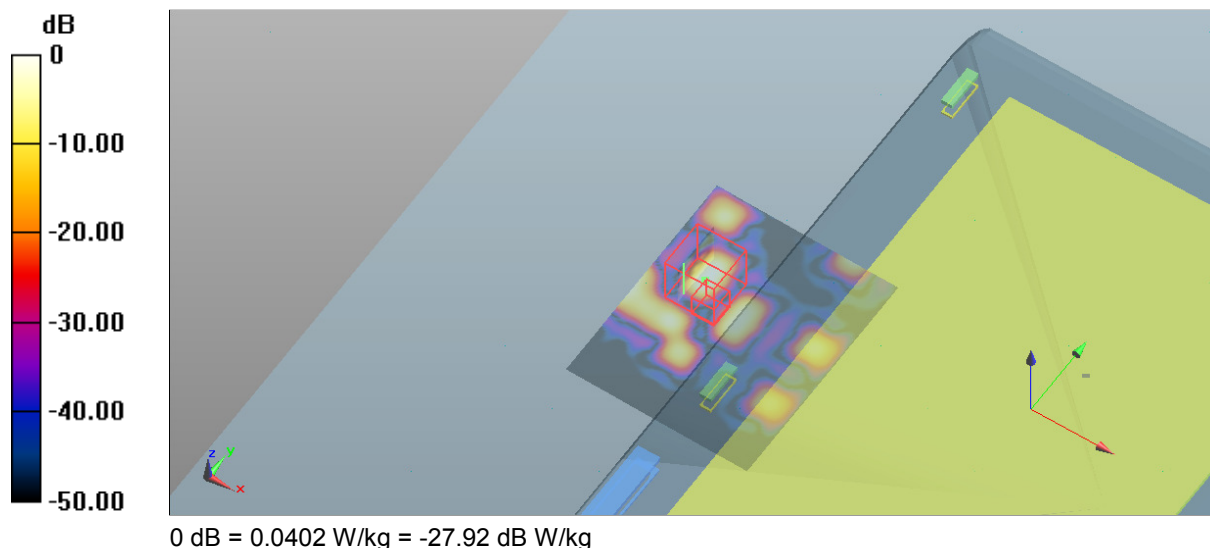
File Name: M120827 Bystander 25mm Spacing OFDM 5200 MHz Antenna A (1) 09-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.525$ mho/m; $\epsilon_r = 48.136$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.0402 W/kg

Configuration/Channel 52 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 2.014 V/m; Power Drift = 0.20 dB
 Peak SAR (extrapolated) = 0.268 mW/g
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.00941 mW/g
 Maximum value of SAR (measured) = 0.0498 W/kg



SAR MEASUREMENT PLOT 1

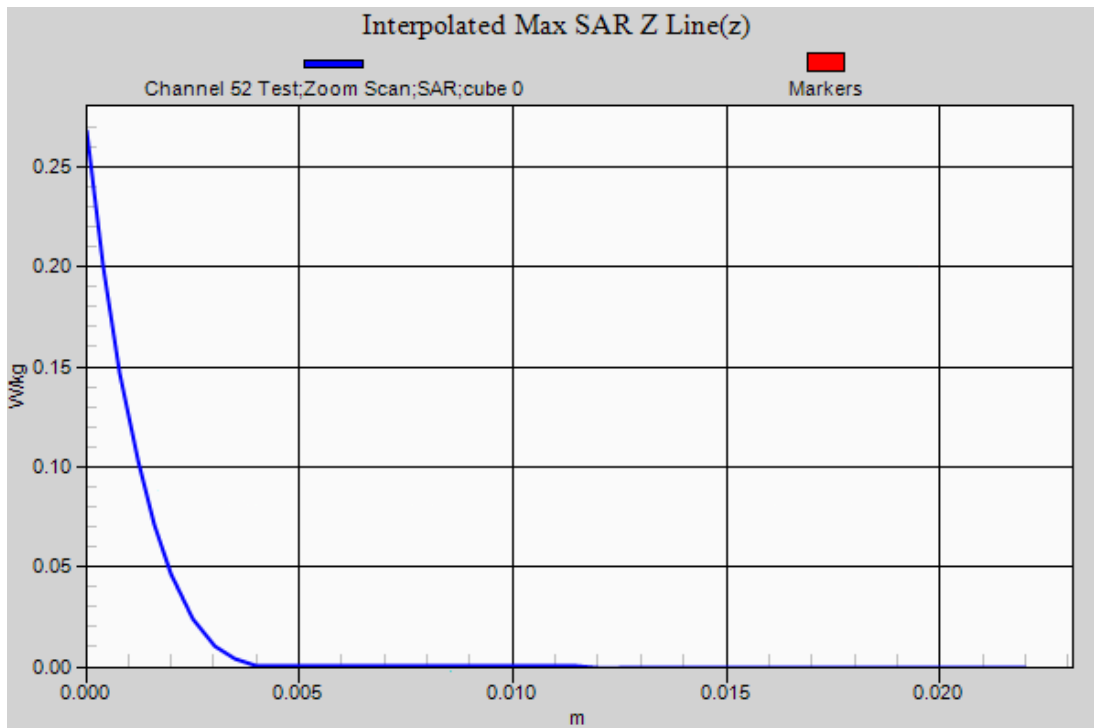
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 09 September 2012

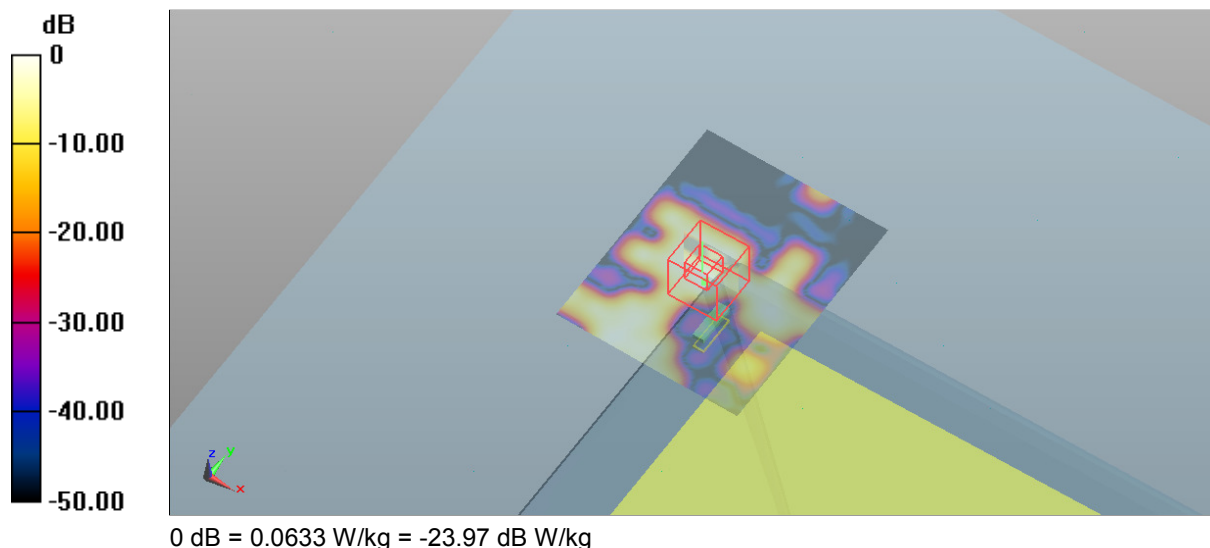
File Name: M120827 Bystander 25mm Spacing OFDM 5200 MHz Antenna B (2) 09-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.525$ mho/m; $\epsilon_r = 48.136$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.0633 W/kg

Configuration/Channel 52 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 2.178 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.287 mW/g
SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.013 mW/g
 Maximum value of SAR (measured) = 0.0766 W/kg



SAR MEASUREMENT PLOT 2

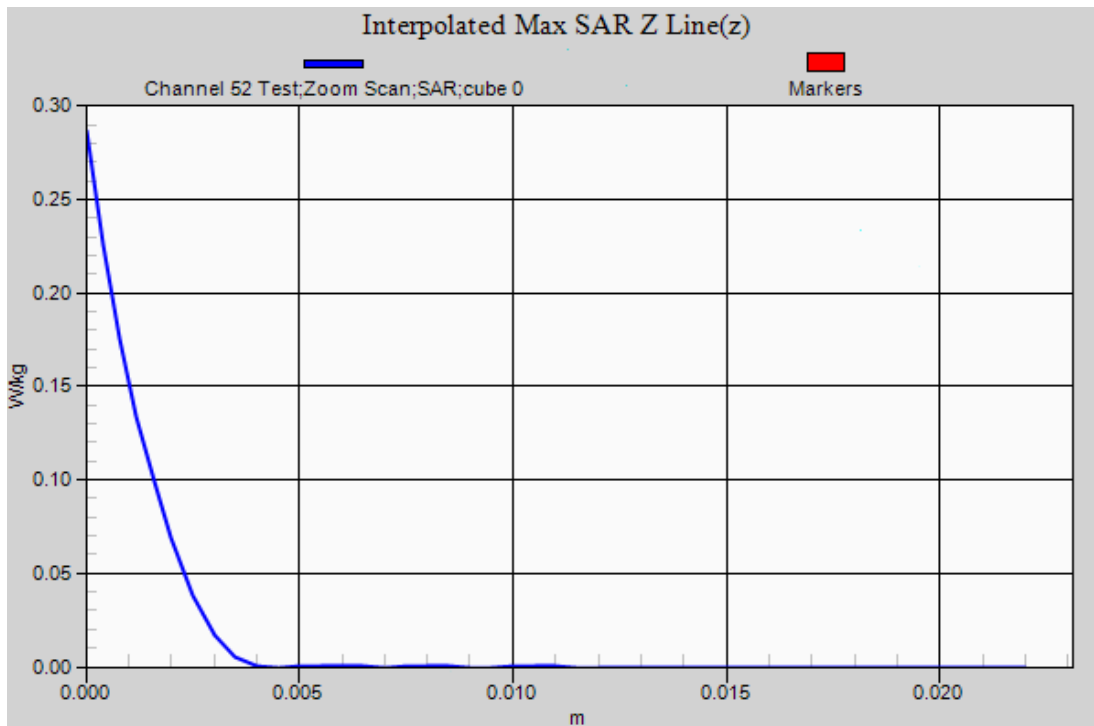
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 09 September 2012

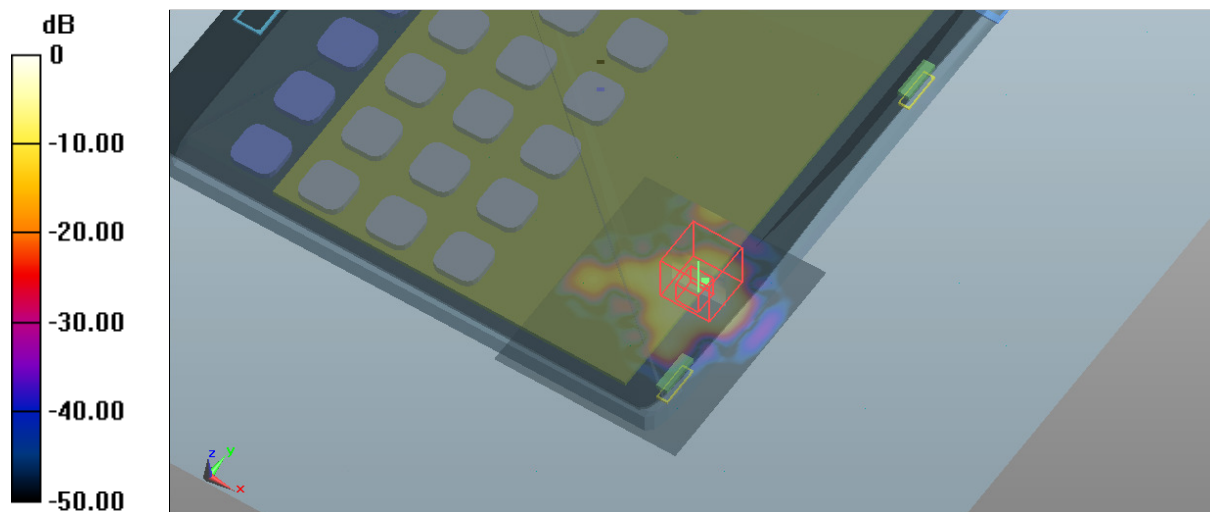
File Name: M120827 Lap Held OFDM 5200 MHz Antenna B (2) 09-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.525$ mho/m; $\epsilon_r = 48.136$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.115 W/kg

Configuration/Channel 52 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 1.669 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 0.280 mW/g
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.022 mW/g
 Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.115 W/kg = -18.79 dB W/kg

SAR MEASUREMENT PLOT 3

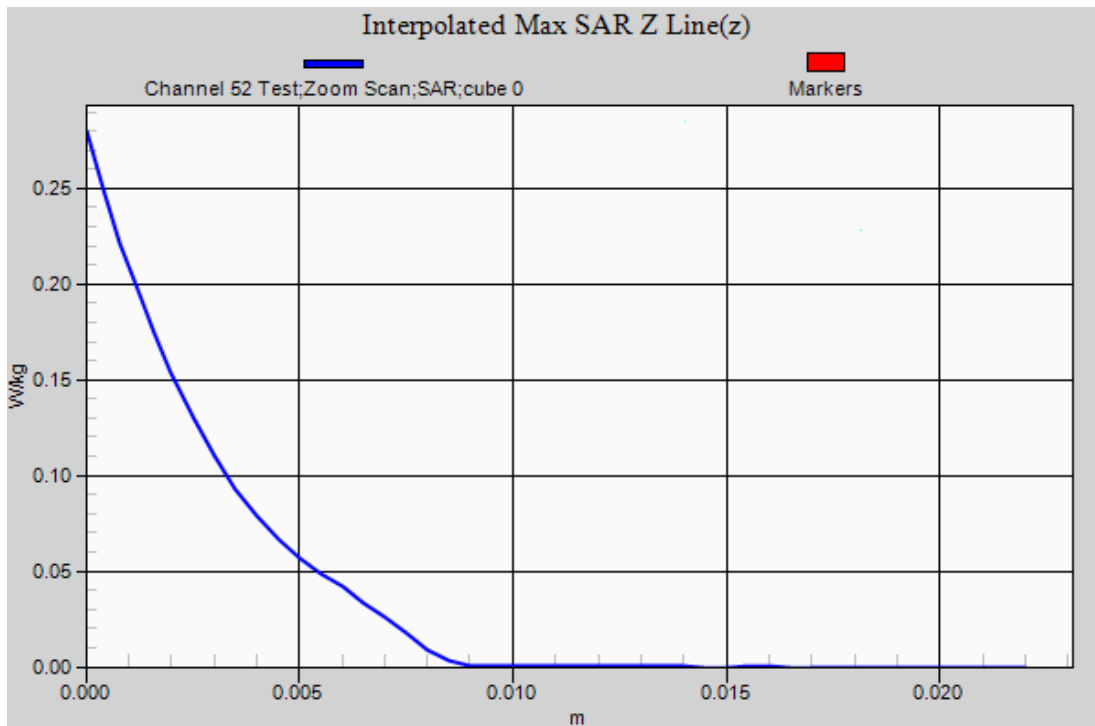
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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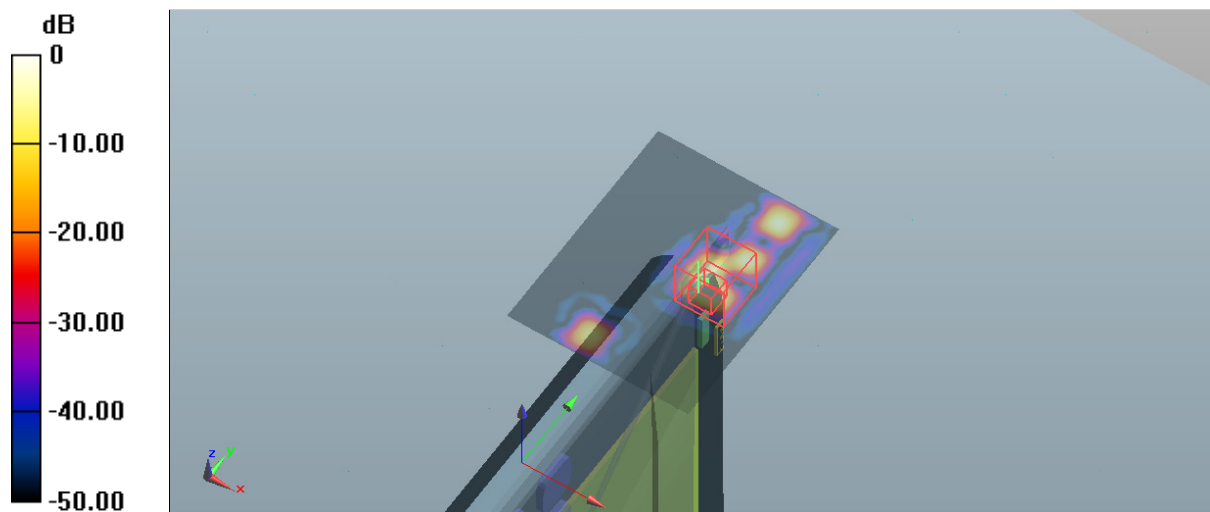
File Name: M120827 Edge On Primary Portrait OFDM 5200 MHz Antenna B (2) 09-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.525$ mho/m; $\epsilon_r = 48.136$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.0417 W/kg

Configuration/Channel 52 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 0 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 0.151 mW/g
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00505 mW/g
 Maximum value of SAR (measured) = 0.0546 W/kg



0 dB = 0.0417 W/kg = -27.60 dB W/kg

SAR MEASUREMENT PLOT 4

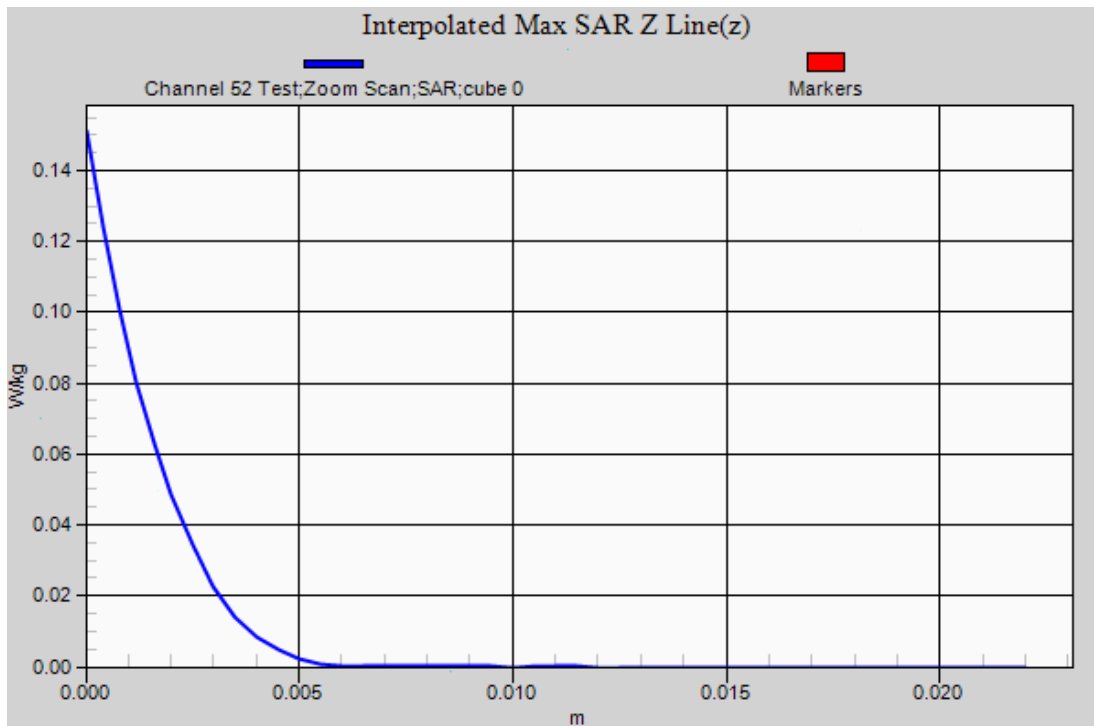
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 09 September 2012

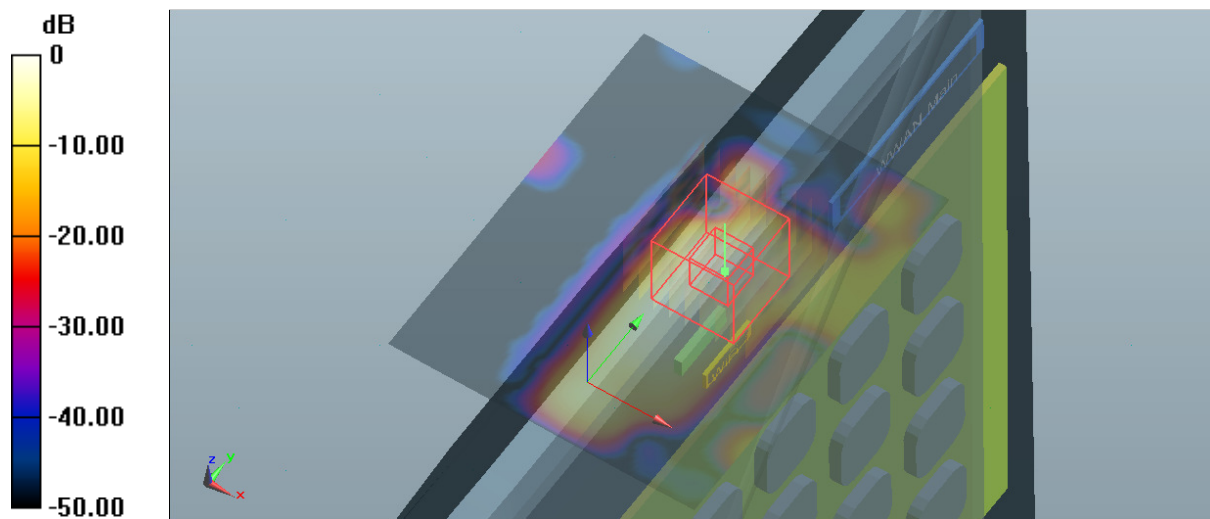
File Name: M120827 Edge On Secondary Landscape OFDM 5200 MHz Antenna A (1) 09-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.359$ mho/m; $\epsilon_r = 48.285$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.376 W/kg

Configuration/Channel 36 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 4.405 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 1.049 mW/g
SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.079 mW/g
 Maximum value of SAR (measured) = 0.529 W/kg



0 dB = 0.376 W/kg = -8.50 dB W/kg

SAR MEASUREMENT PLOT 5

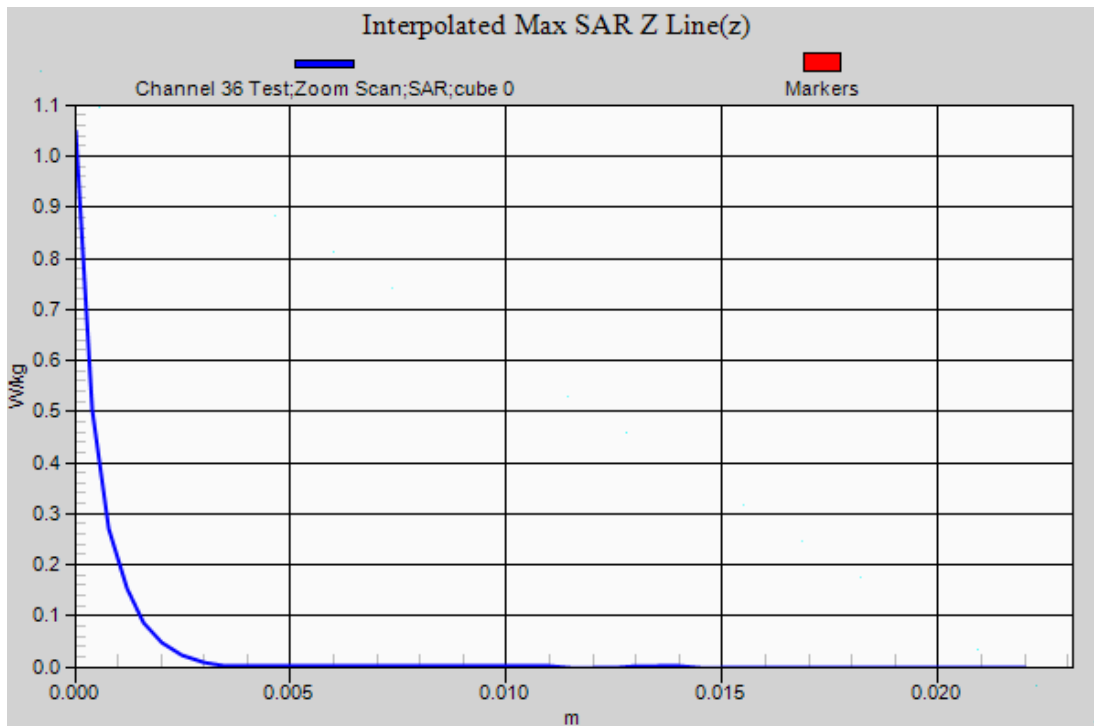
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 09 September 2012

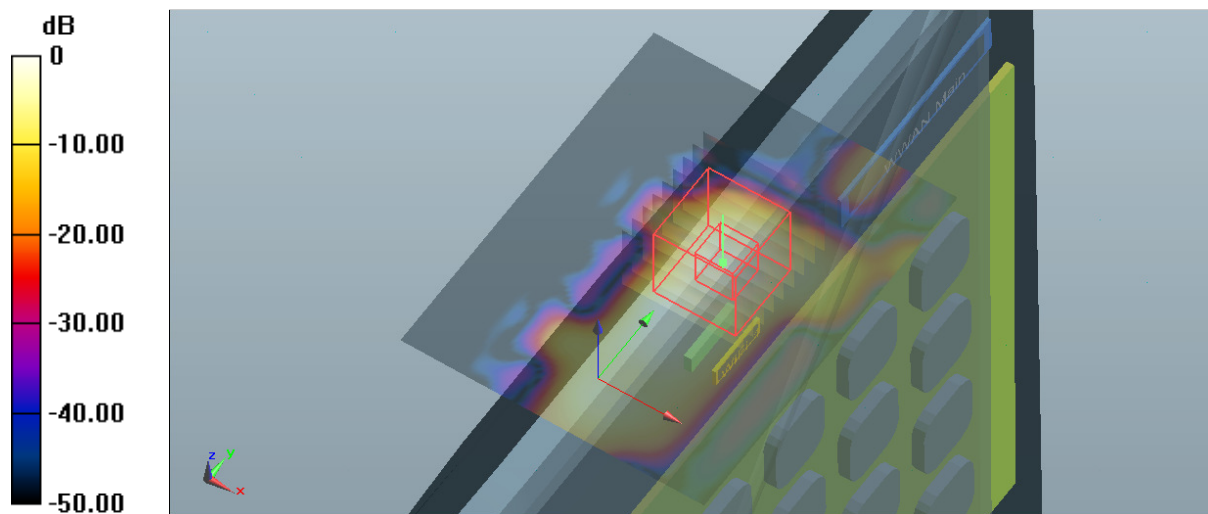
File Name: M120827 Edge On Secondary Landscape HT0 (40MHz) 5200 MHz Antenna A (1) 09-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.456$ mho/m; $\epsilon_r = 48.229$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.443 W/kg

Configuration/Channel 46 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 5.353 V/m; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 2.043 mW/g
SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.112 mW/g
 Maximum value of SAR (measured) = 0.753 W/kg



0 dB = 0.443 W/kg = -7.07 dB W/kg

SAR MEASUREMENT PLOT 6

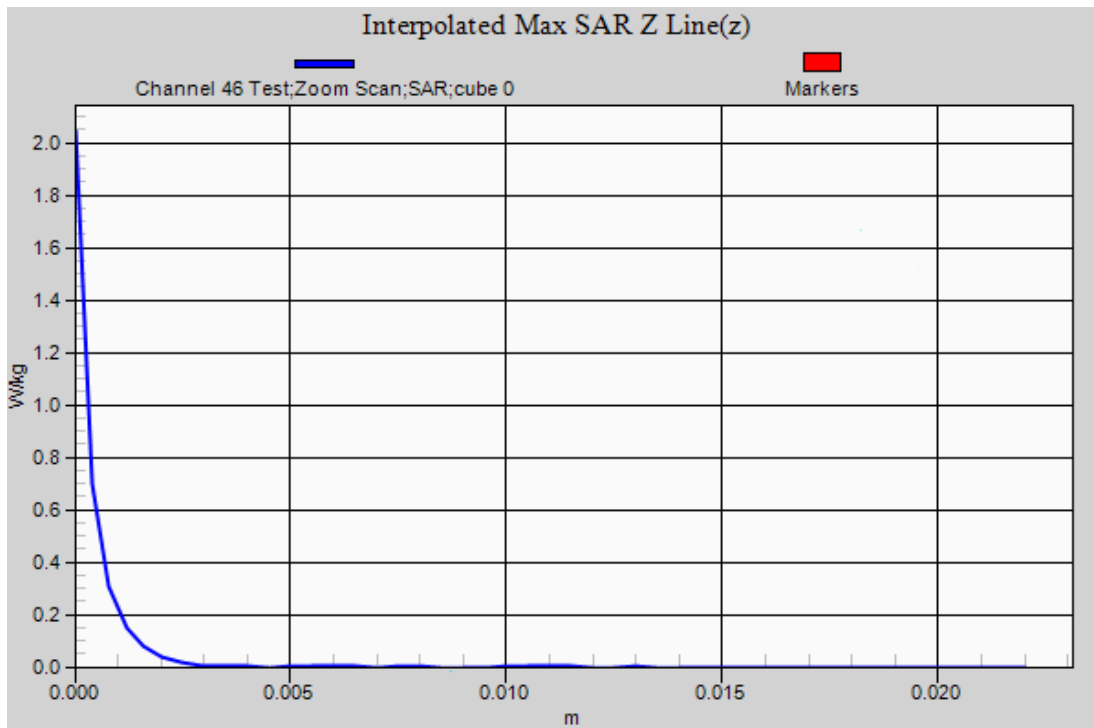
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 09 September 2012

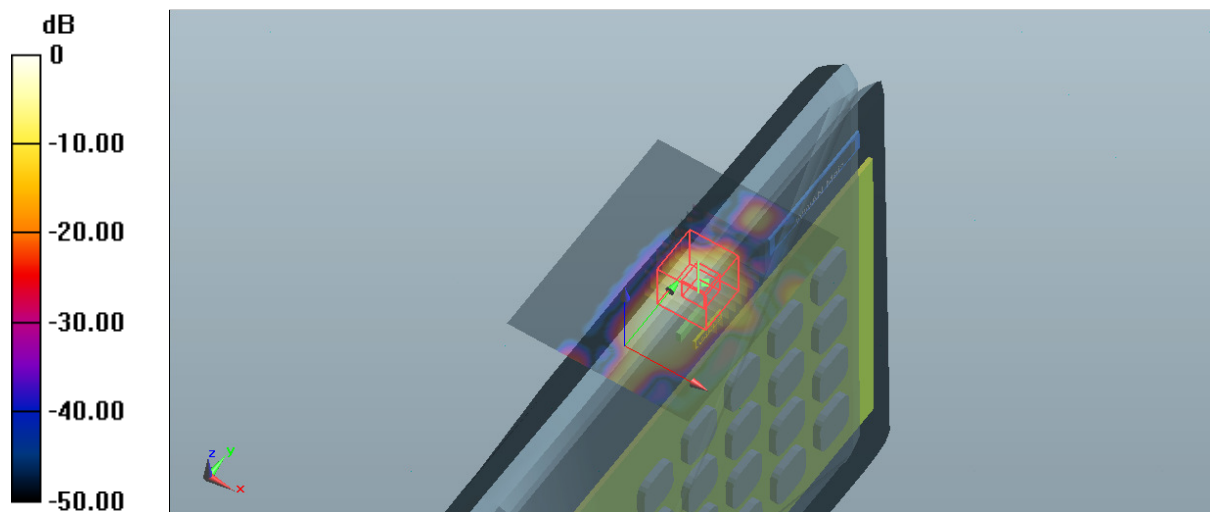
File Name: M120827 Edge On Secondary Landscape OFDM 5200 MHz Antenna A (1) 09-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.525$ mho/m; $\epsilon_r = 48.136$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.612 W/kg

Configuration/Channel 52 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 4.825 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 2.302 mW/g
SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.126 mW/g
 Maximum value of SAR (measured) = 0.867 W/kg



0 dB = 0.612 W/kg = -4.26 dB W/kg

SAR MEASUREMENT PLOT 7

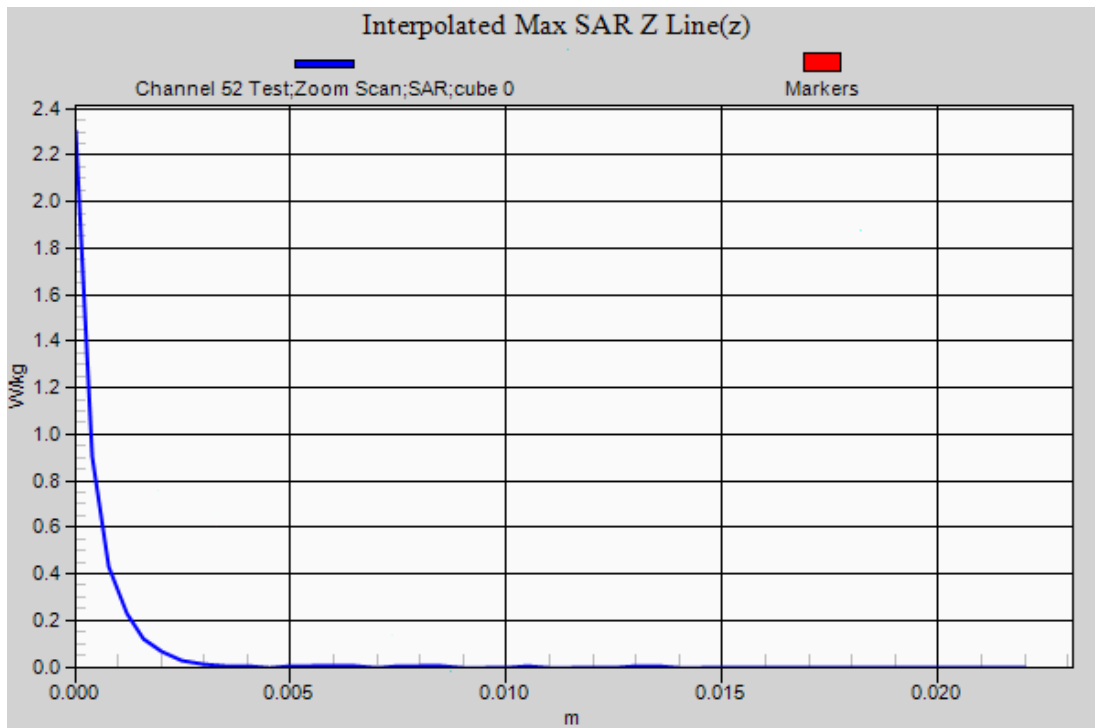
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 09 September 2012

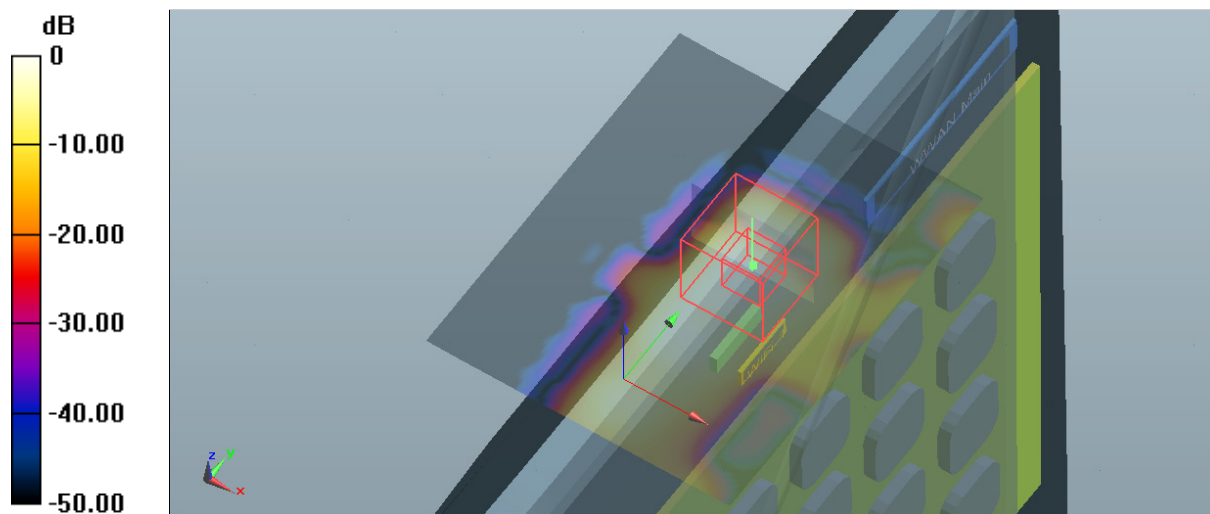
File Name: M120827 Edge On Secondary Landscape OFDM 5200 MHz Antenna A (1) 09-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.655$ mho/m; $\epsilon_r = 47.965$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.528 W/kg

Configuration/Channel 64 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 4.948 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 2.879 mW/g
SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.130 mW/g
 Maximum value of SAR (measured) = 0.962 W/kg



0 dB = 0.528 W/kg = -5.55 dB W/kg

SAR MEASUREMENT PLOT 8

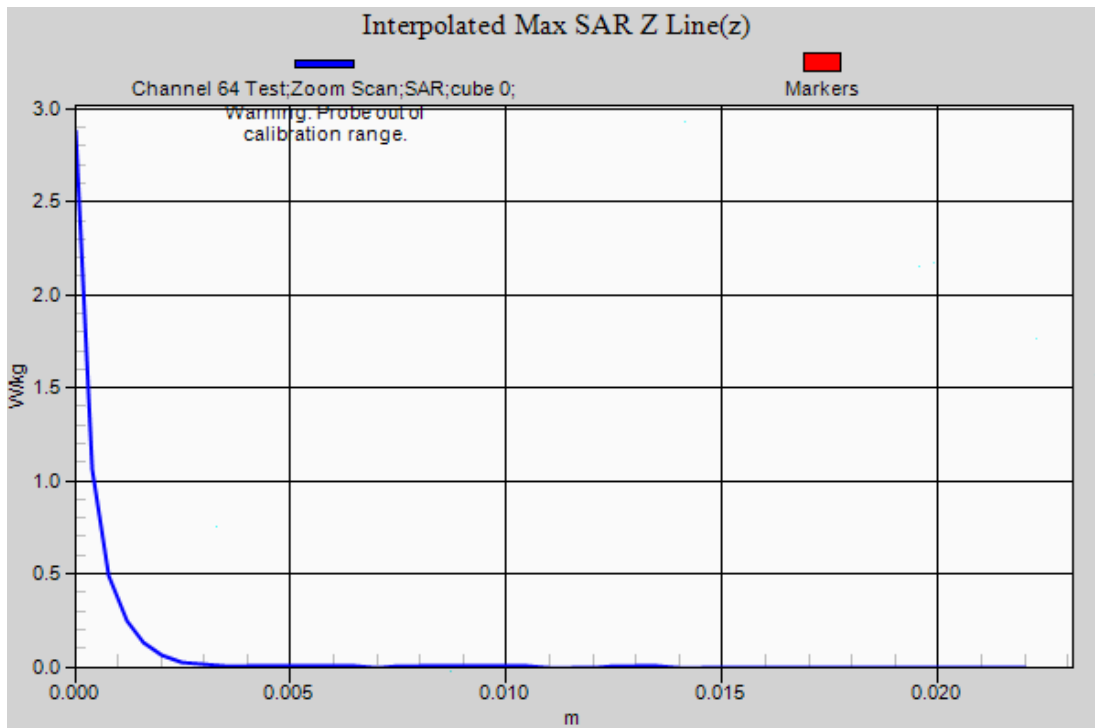
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 09 September 2012

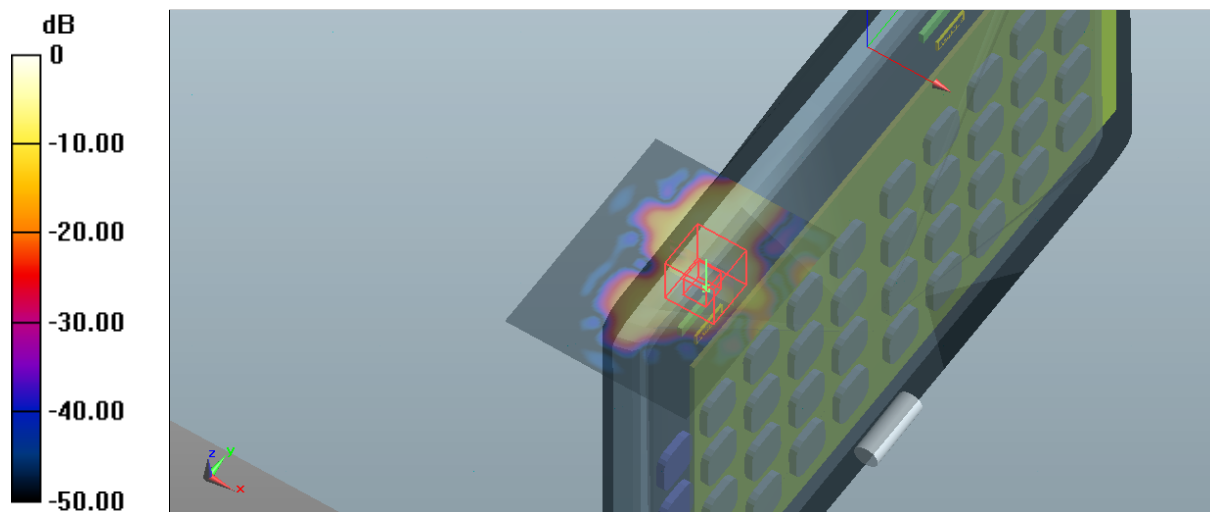
File Name: M120827 Edge On Secondary Landscape OFDM 5200 MHz Antenna B (2) 09-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.525$ mho/m; $\epsilon_r = 48.136$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.752 W/kg

Configuration/Channel 52 Test/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 4.495 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 2.156 mW/g
SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.154 mW/g
 Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 0.752 W/kg = -2.48 dB W/kg

SAR MEASUREMENT PLOT 9

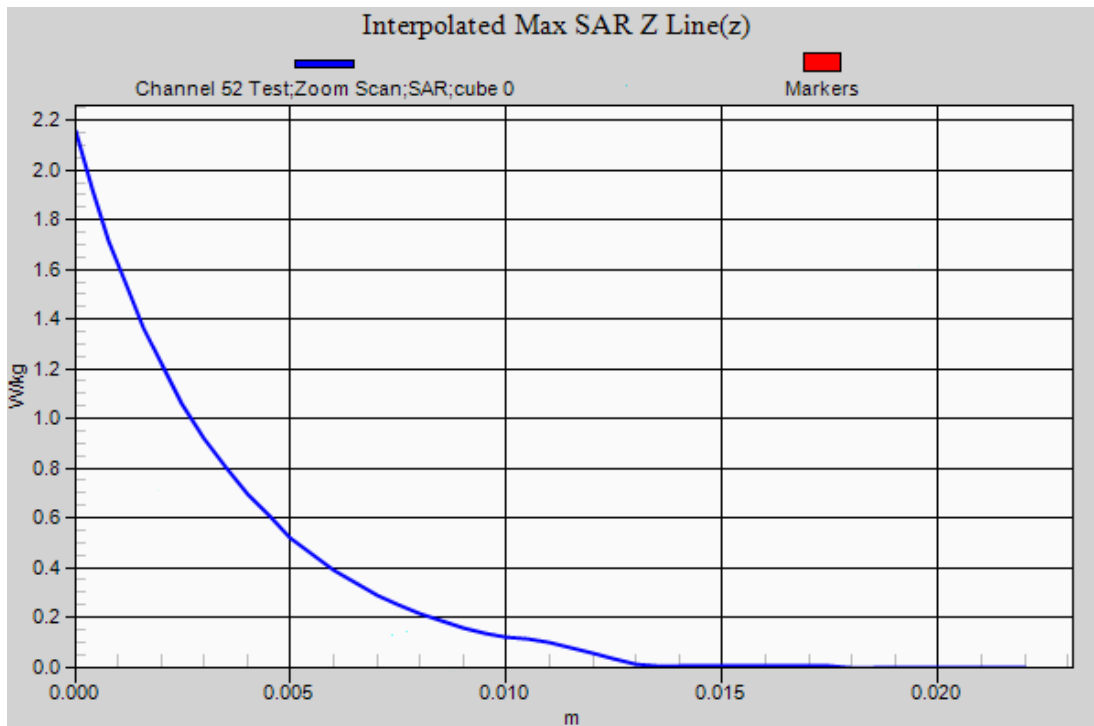
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 09 September 2012

File Name: M120827 Bystander 25mm Spacing HT0 (40MHz) 5600 MHz Antenna A (1) 10-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.977$ mho/m; $\epsilon_r = 46.998$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.142 W/kg

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

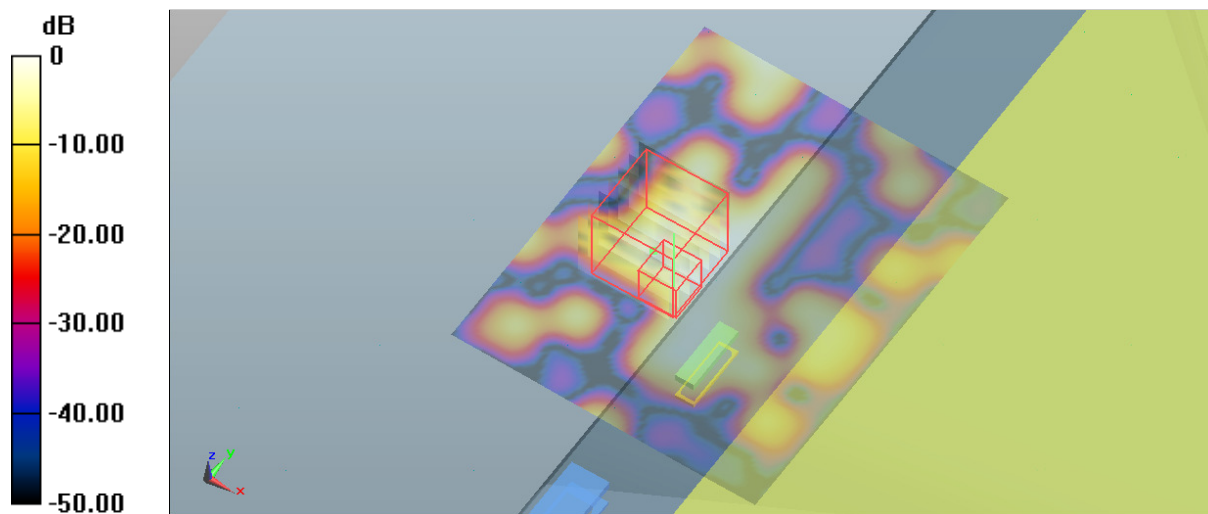
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.034 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.356 mW/g

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.142 W/kg = -16.95 dB W/kg

SAR MEASUREMENT PLOT 10

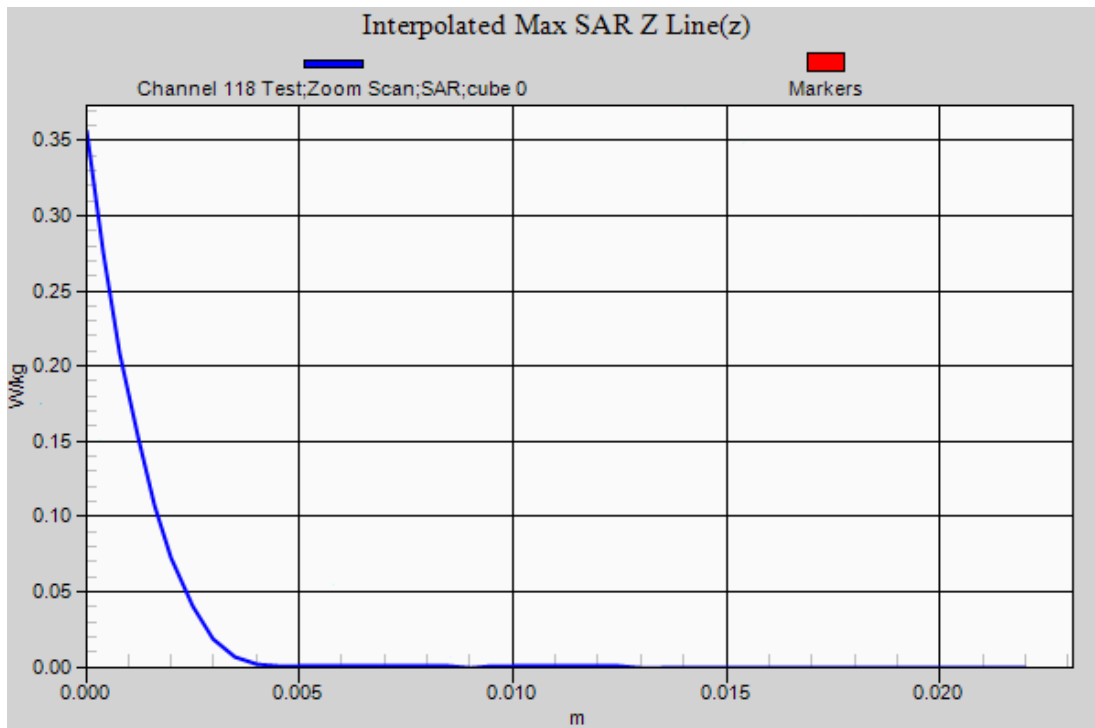
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 09 September 2012

File Name: M120827 Edge On Secondary Landscape HT0 (40MHz) 5600 MHz Antenna A (1) 10-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.836$ mho/m; $\epsilon_r = 47.316$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

Configuration/Channel 102 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid:

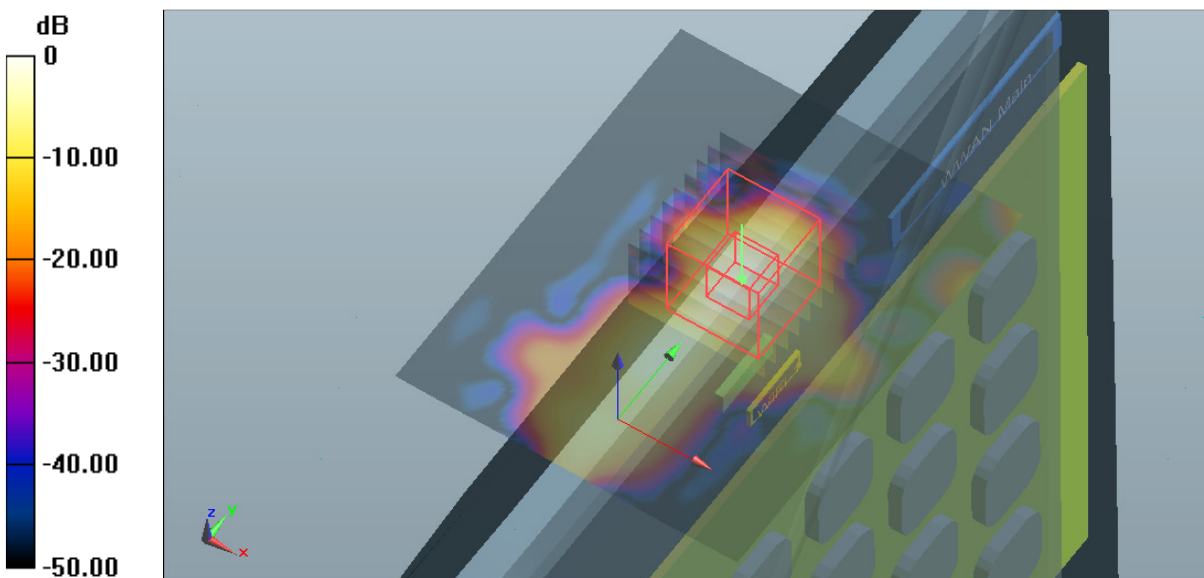
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.904 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 2.629 mW/g

SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.199 mW/g

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.06 W/kg = 0.51 dB W/kg

SAR MEASUREMENT PLOT 11

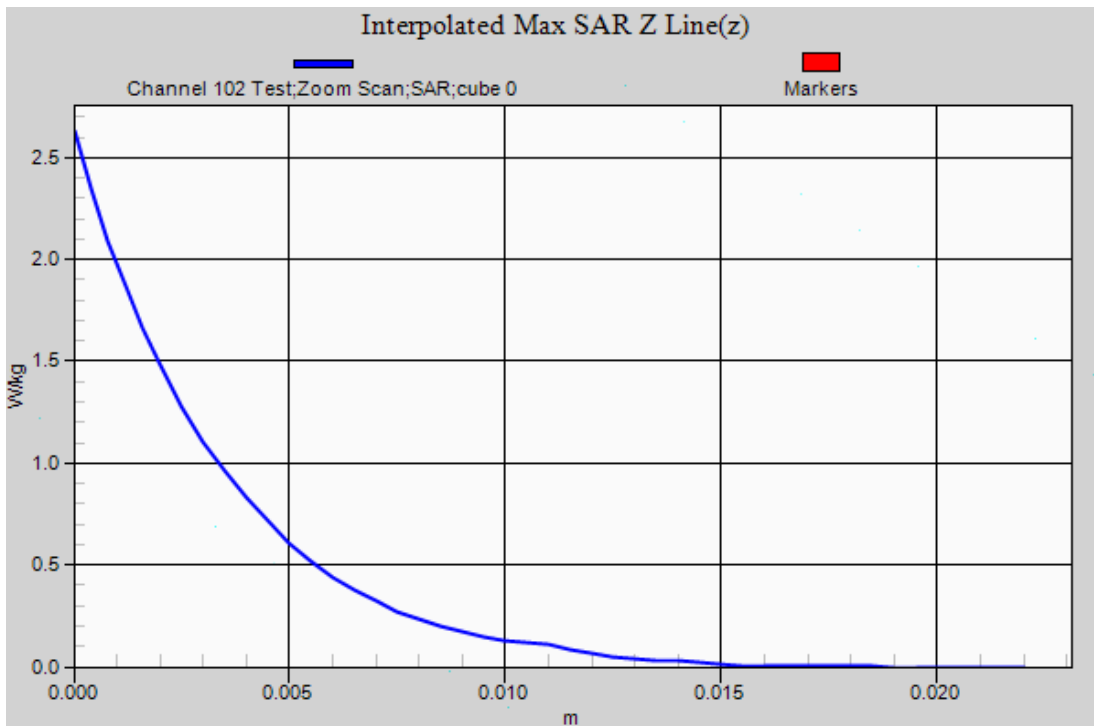
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 09 September 2012

File Name: M120827 Edge On Secondary Landscape HT0 (40MHz) 5600 MHz Antenna A (1) 10-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.977$ mho/m; $\epsilon_r = 46.998$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

Configuration/Channel 118 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid:

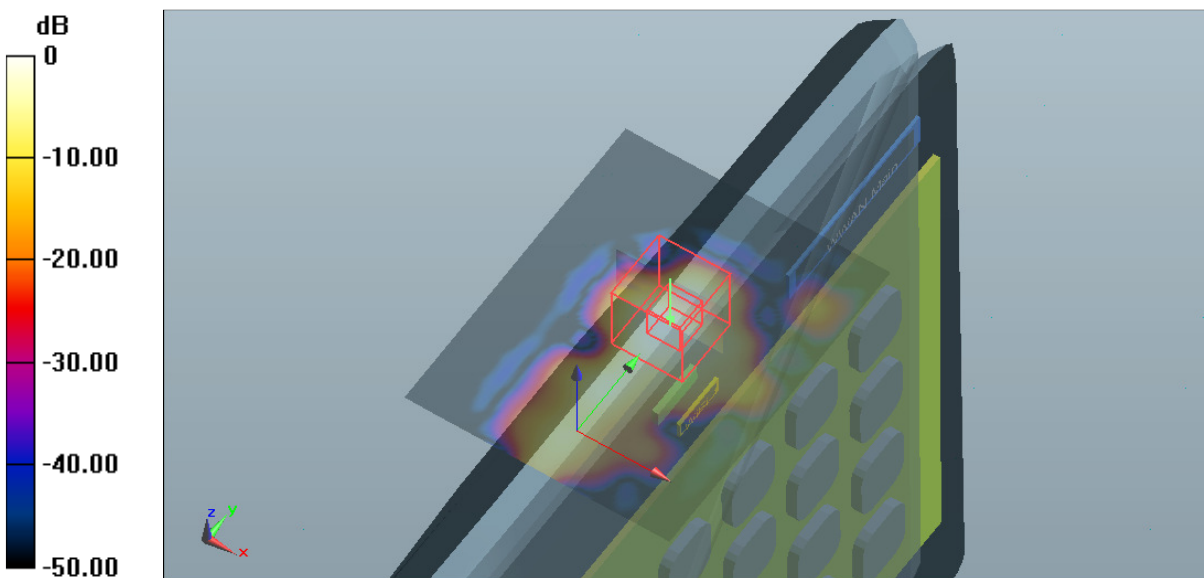
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.596 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.301 mW/g

SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.02 W/kg = 0.17 dB W/kg

SAR MEASUREMENT PLOT 12

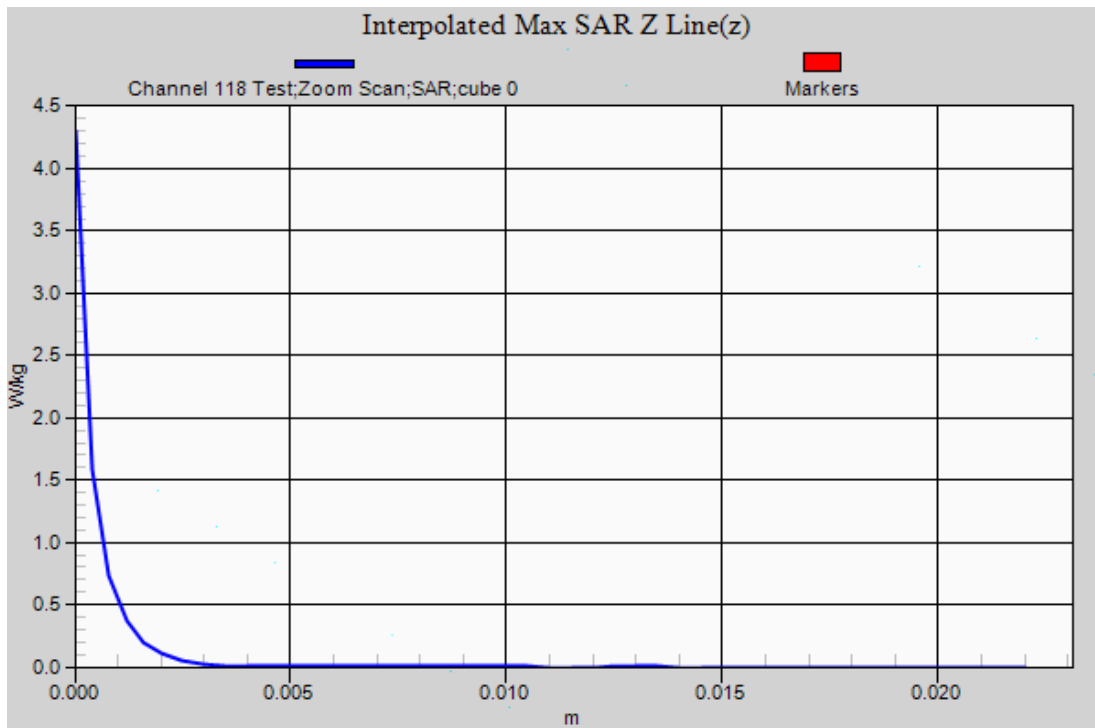
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 09 September 2012

File Name: M120827 Edge On Secondary Landscape HT0 (40MHz) 5600 MHz Antenna A (1) 10-09-12.da52:0

DUT: **Fujitsu Tablet Turquoise 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; $\sigma = 6.072$ mho/m; $\epsilon_r = 46.785$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.13 W/kg

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

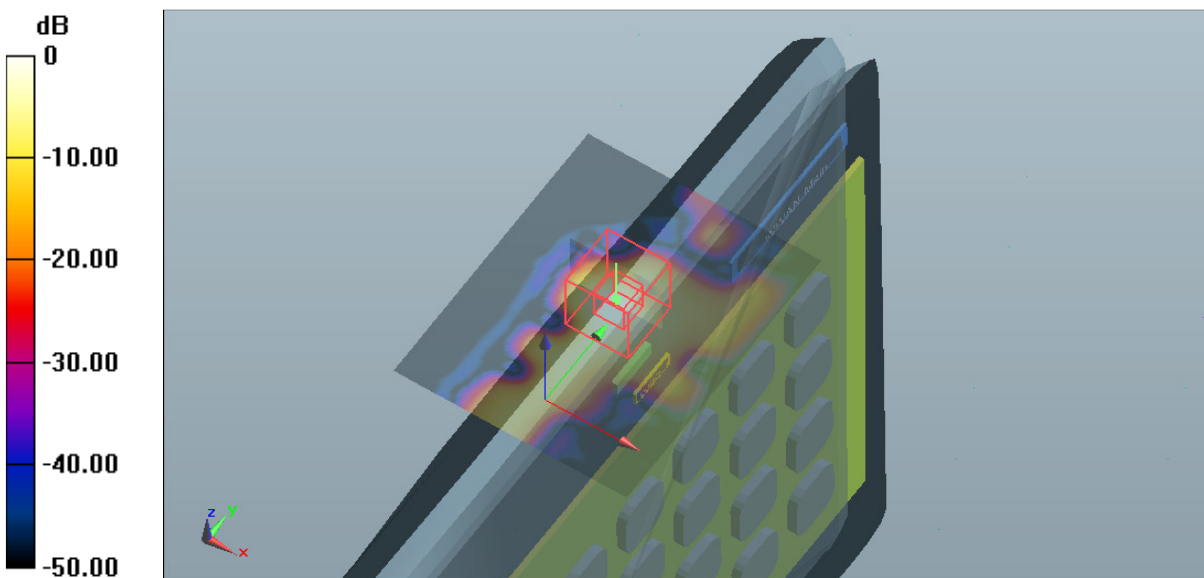
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.379 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.045 mW/g

SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.13 W/kg = 1.06 dB W/kg

SAR MEASUREMENT PLOT 13

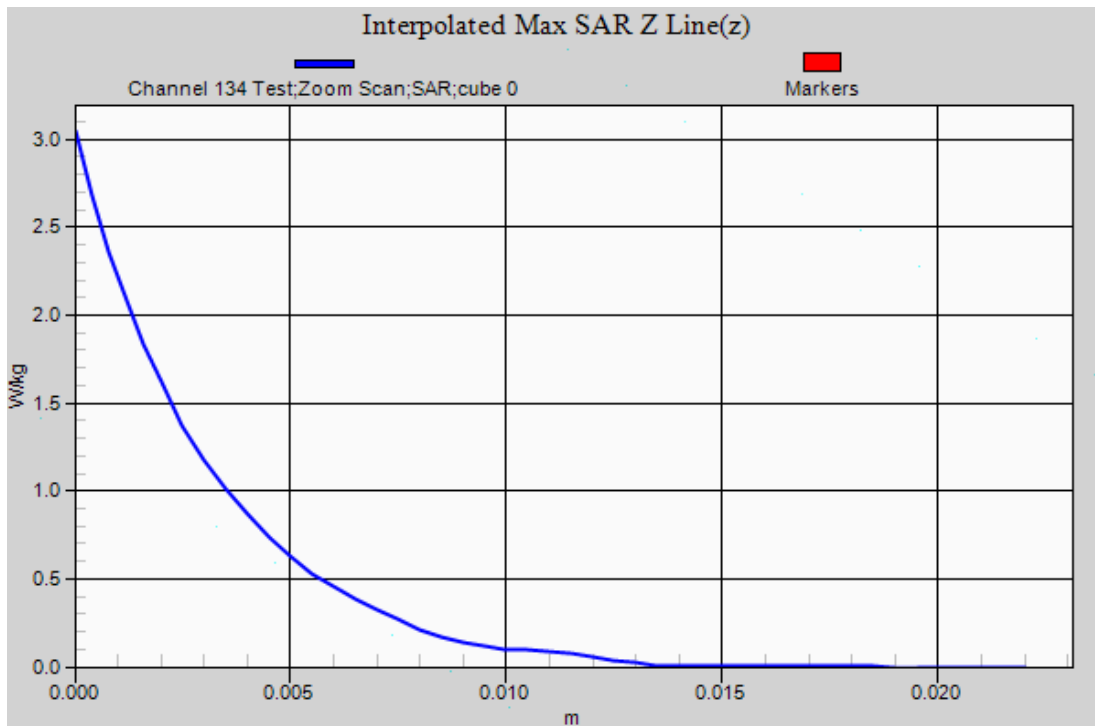
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 09 September 2012

File Name: M120827 Edge On Secondary Landscape HT0 (40MHz) 5600 MHz Antenna B (2) 10-09-12.da52:0

DUT: Fujitsu Tablet Turquoise 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; $\sigma = 5.977$ mho/m; $\epsilon_r = 46.998$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.668 W/kg

Configuration/Channel 118 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid:

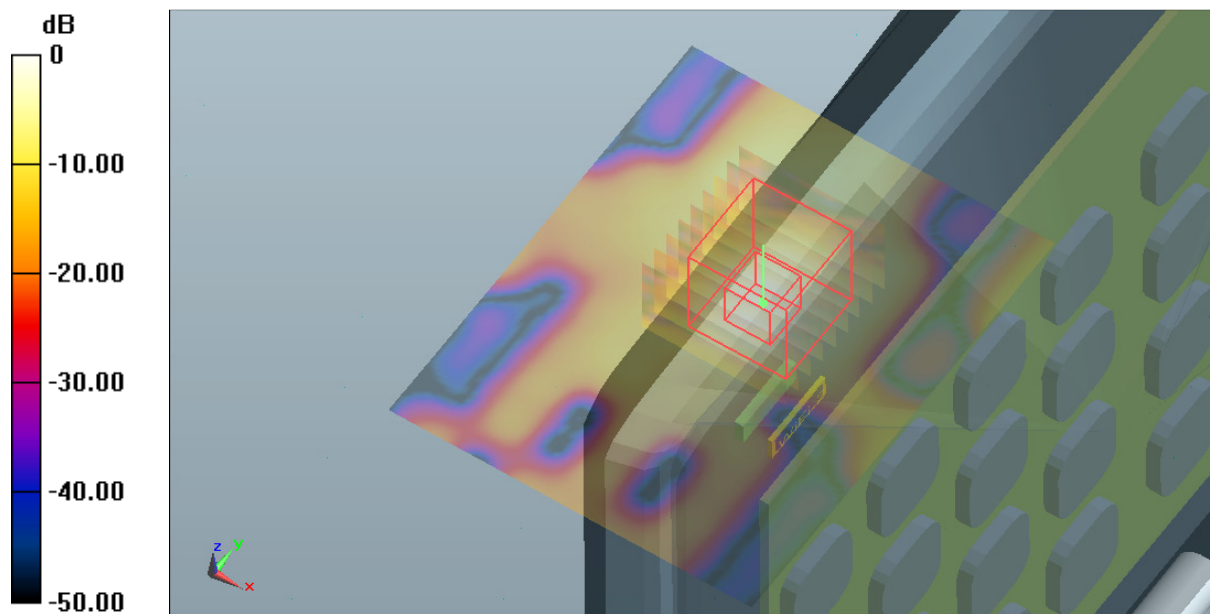
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.507 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.586 mW/g

SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 0.668 W/kg = -3.50 dB W/kg

SAR MEASUREMENT PLOT 14

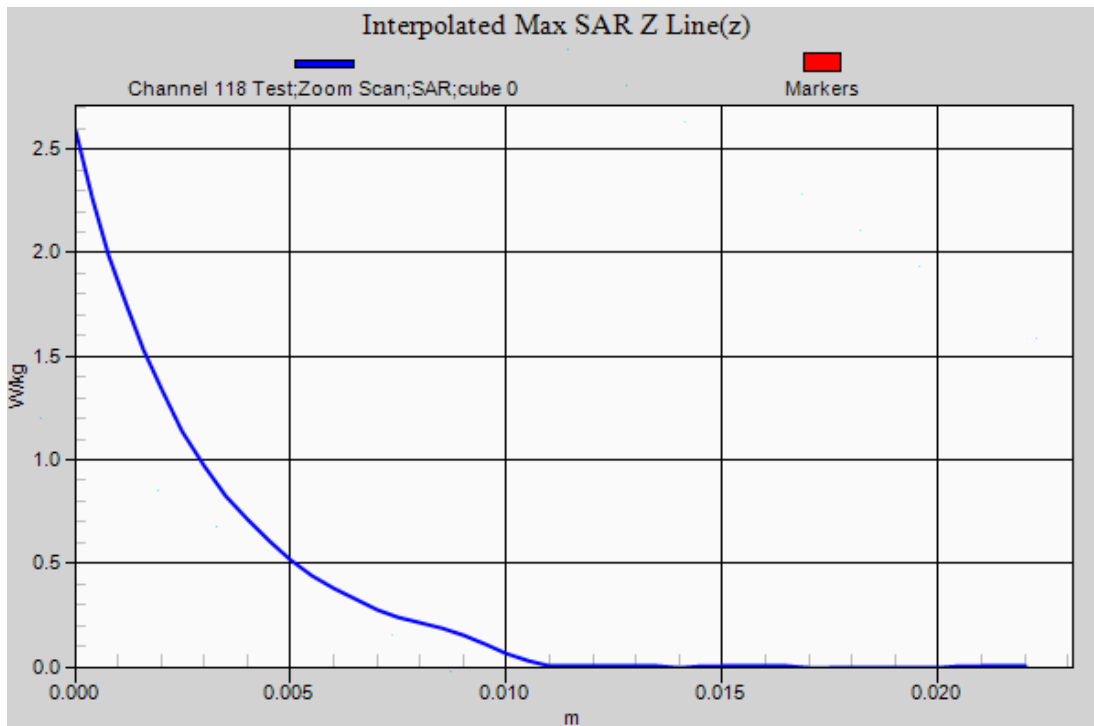
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 10 September 2012

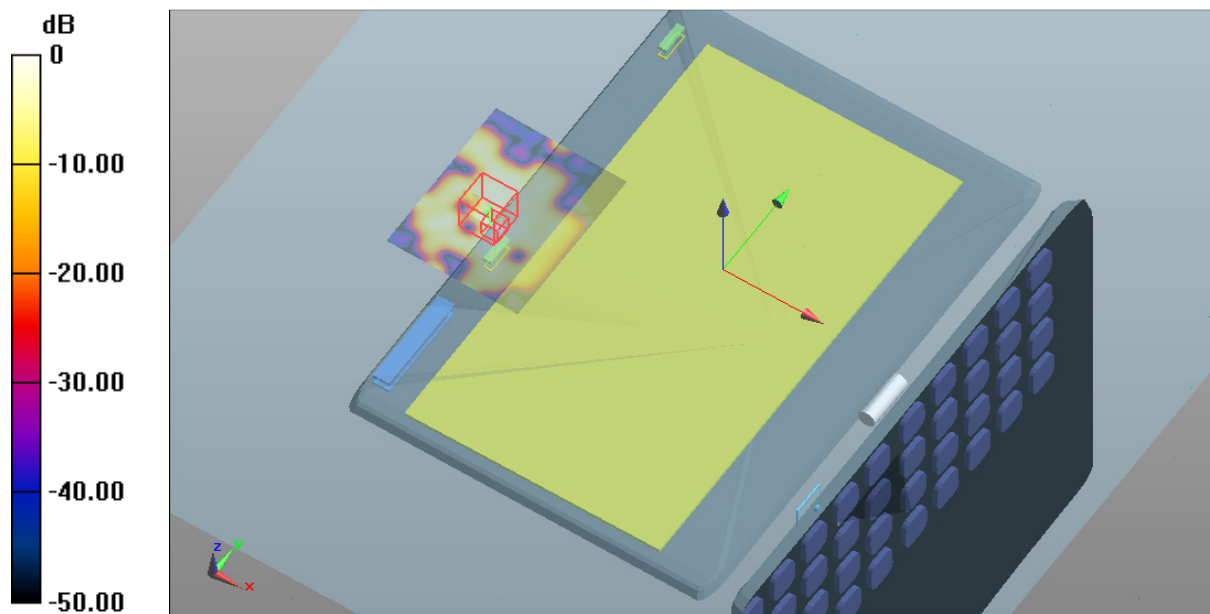
File Name: M120827 Bystander 25mm Spacing HT0 (40MHz) 5800 MHz Antenna A (1) 10-09-12.da52:0

DUT: Fujitsu Tablet Turquoise with Atheros 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; $\sigma = 6.038$ mho/m; $\epsilon_r = 47.133$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.122 W/kg

Configuration/Channel 151 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 3.274 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.328 mW/g
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.026 mW/g
 measured) = 0.157 W/kg



0 dB = 0.122 W/kg = -18.27 dB W/kg

SAR MEASUREMENT PLOT 15

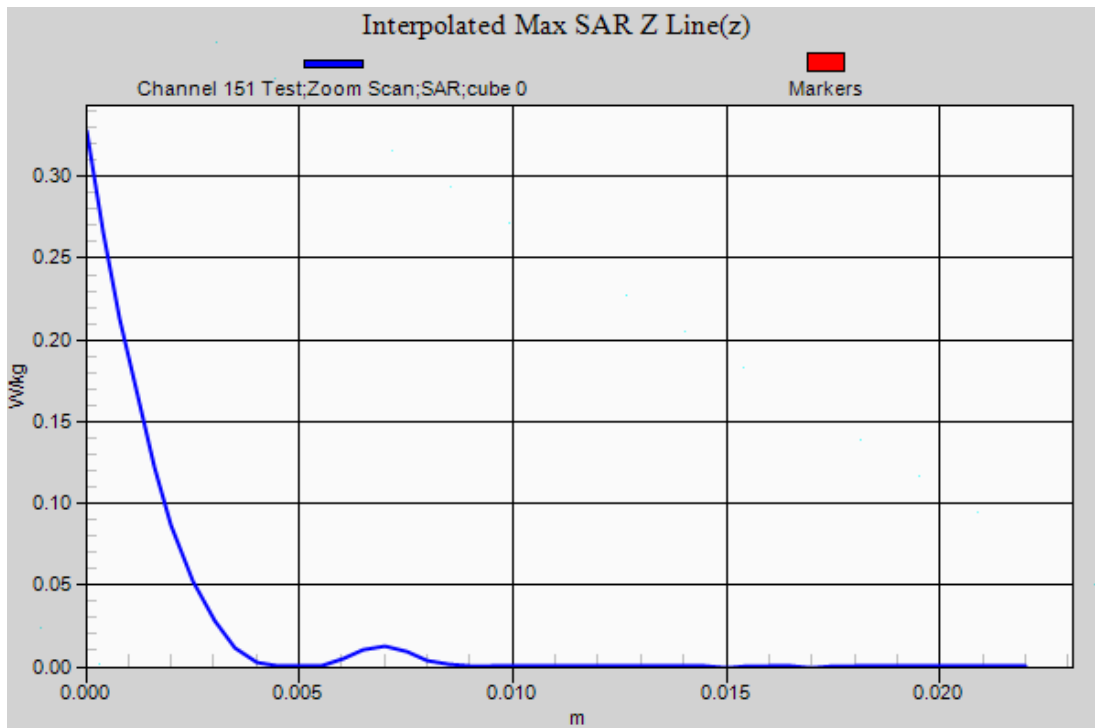
Ambient Temperature
Liquid Temperature
Humidity

21.2 Degrees Celsius
20.9 Degrees Celsius
36.0%



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Test Date: 10 September 2012

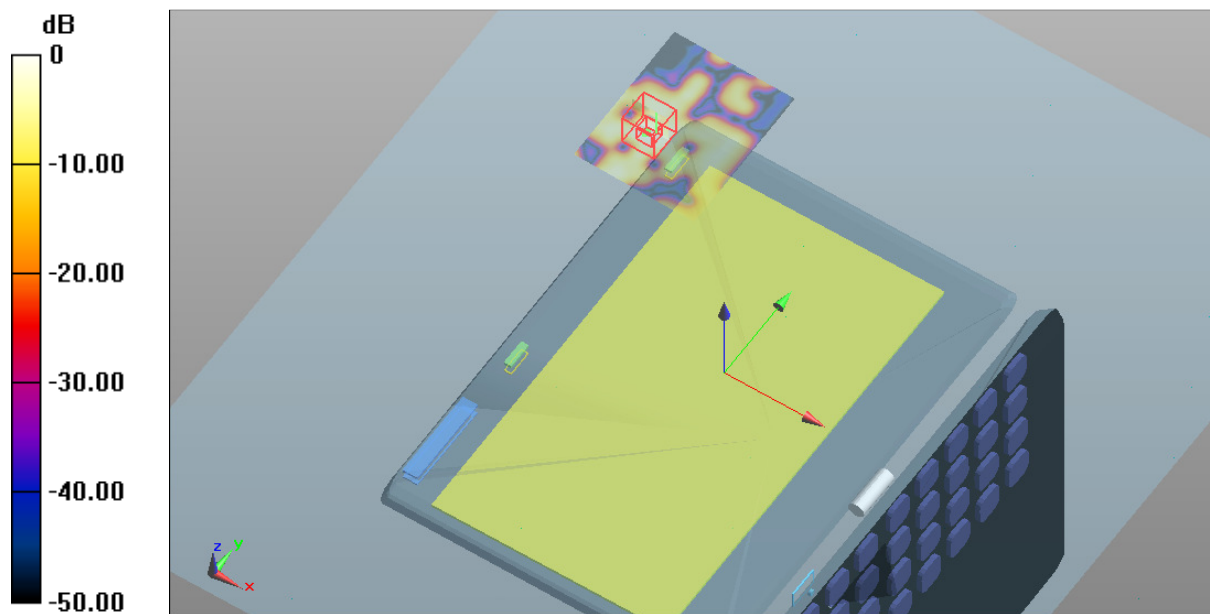
File Name: M120827 Bystander 25mm Spacing HT0 (40MHz) 5800 MHz Antenna B (2) 10-09-12.da52:0

DUT: **Fujitsu Tablet Turquoise with Atheros 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; $\sigma = 6.038$ mho/m; $\epsilon_r = 47.133$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.114 W/kg

Configuration/Channel 151 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 2.429 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 0.249 mW/g
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.021 mW/g
 Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.114 W/kg = -18.86 dB W/kg

SAR MEASUREMENT PLOT 16

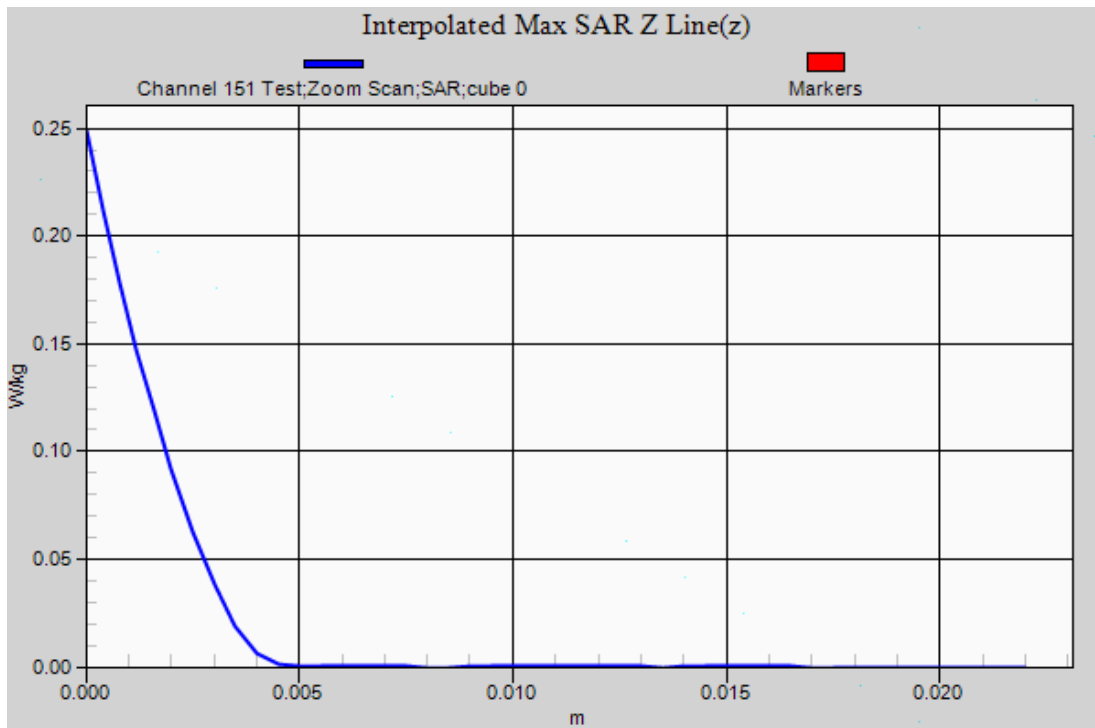
Ambient Temperature
 Liquid Temperature
 Humidity

21.2 Degrees Celsius
 20.9 Degrees Celsius
 36.0%



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Test Date: 10 September 2012

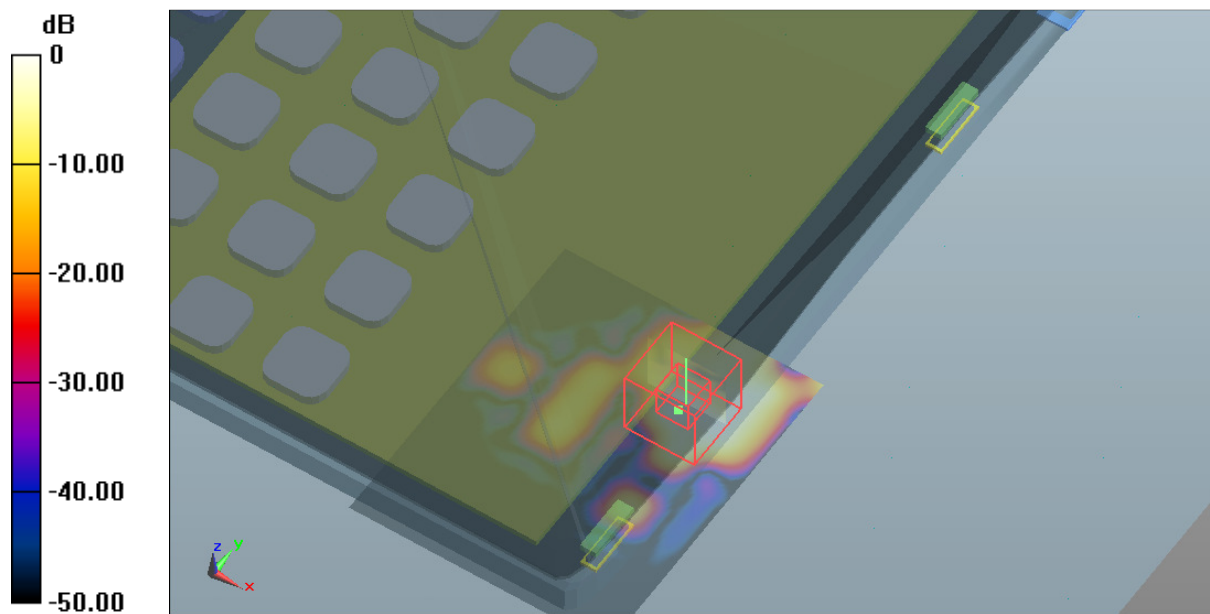
File Name: M120827 Lap Held HT0 (40 MHz) 5800 MHz Antenna B (2) 10-09-12.da52:0

DUT: **Fujitsu Tablet Turquoise with Atheros 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; $\sigma = 6.038$ mho/m; $\epsilon_r = 47.133$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.115 W/kg

Configuration/Channel 151 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 1.270 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.164 mW/g
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.017 mW/g
 Maximum value of SAR (measured) = 0.113 W/kg



0 dB = 0.115 W/kg = -18.79 dB W/kg

SAR MEASUREMENT PLOT 17

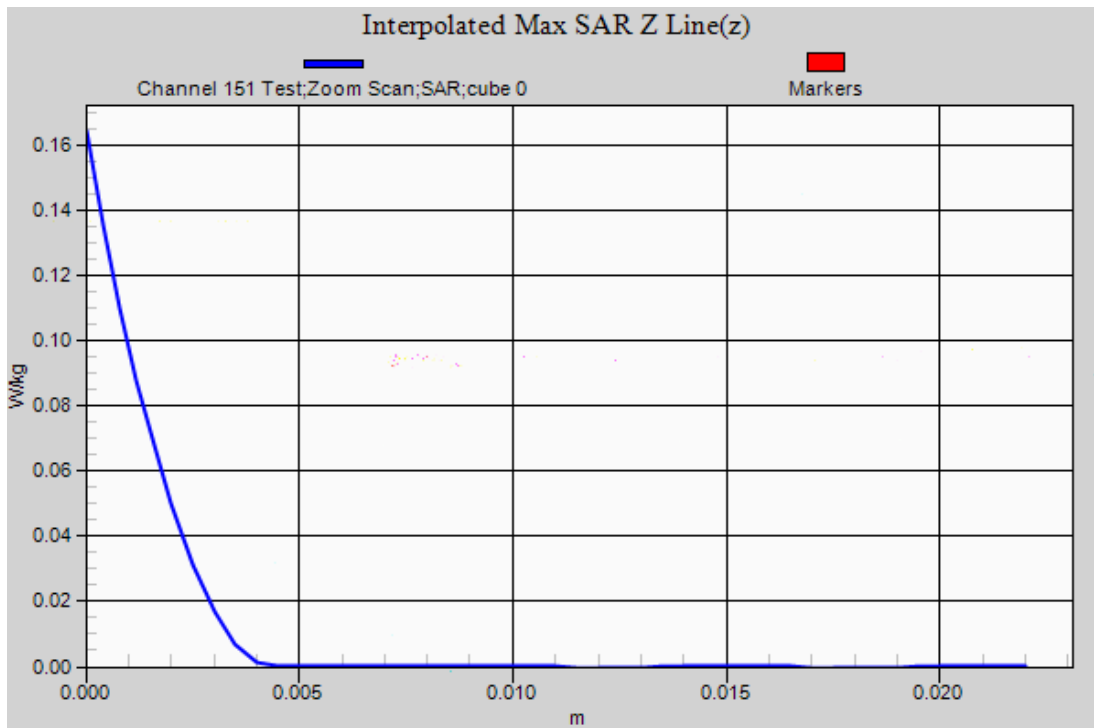
Ambient Temperature
 Liquid Temperature
 Humidity

21.2 Degrees Celsius
 20.9 Degrees Celsius
 36.0%



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Test Date: 10 September 2012

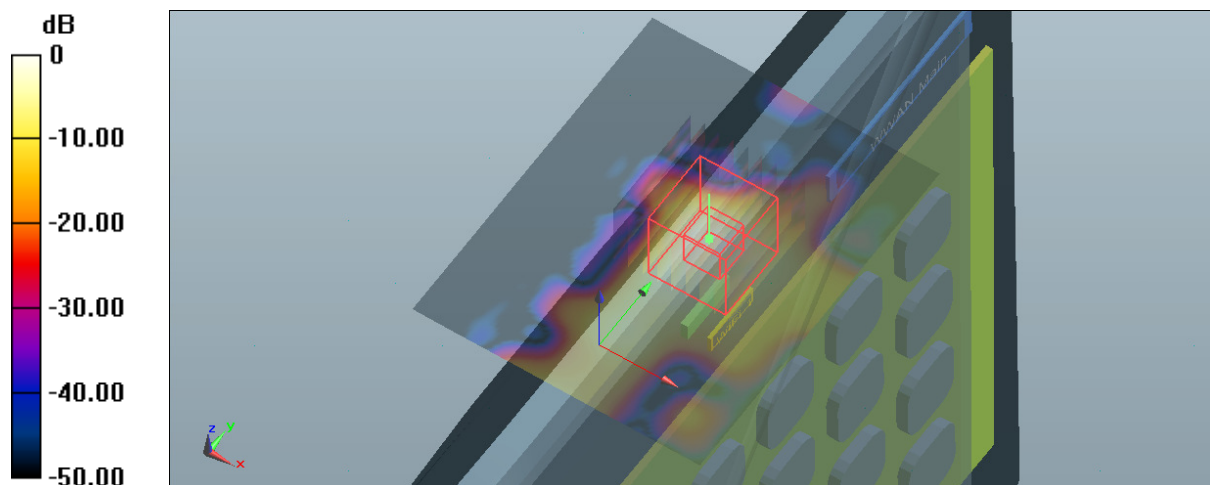
File Name: M120827 Edge On Secondary Landscape HT0 (40MHz) 5800 MHz Antenna A (1) 10-09-12.da52:0

DUT: Fujitsu Tablet Turquoise with Atheros 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; $\sigma = 6.038$ mho/m; $\epsilon_r = 47.133$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Configuration/Channel 151 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.031 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 4.357 mW/g
SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.08 W/kg = 0.67 dB W/kg

SAR MEASUREMENT PLOT 18

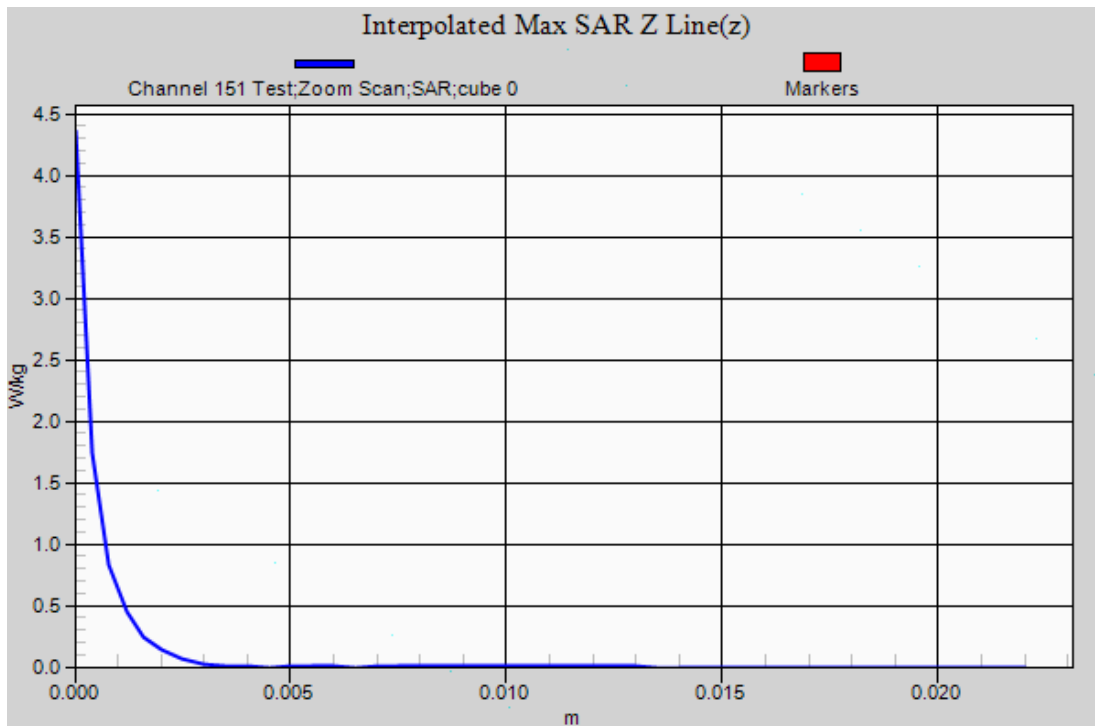
Ambient Temperature
Liquid Temperature
Humidity

21.2 Degrees Celsius
20.9 Degrees Celsius
36.0%



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Test Date: 10 September 2012

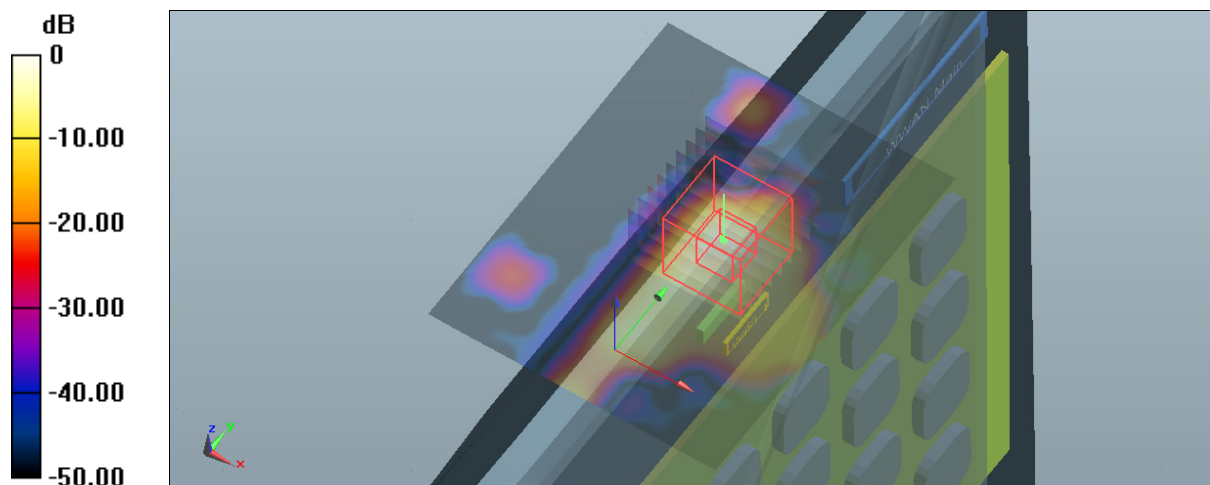
File Name: M120827 Edge On Secondary Landscape OFDM 5800 MHz Antenna A (1) 10-09-12.da52:0

DUT: Fujitsu Tablet Turquoise with Atheros 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; $\sigma = 6.04$ mho/m; $\epsilon_r = 47.079$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.16 W/kg

Configuration/Channel 157 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 7.653 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 2.757 mW/g
SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.184 mW/g
 Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.16 W/kg = 1.29 dB W/kg

SAR MEASUREMENT PLOT 19

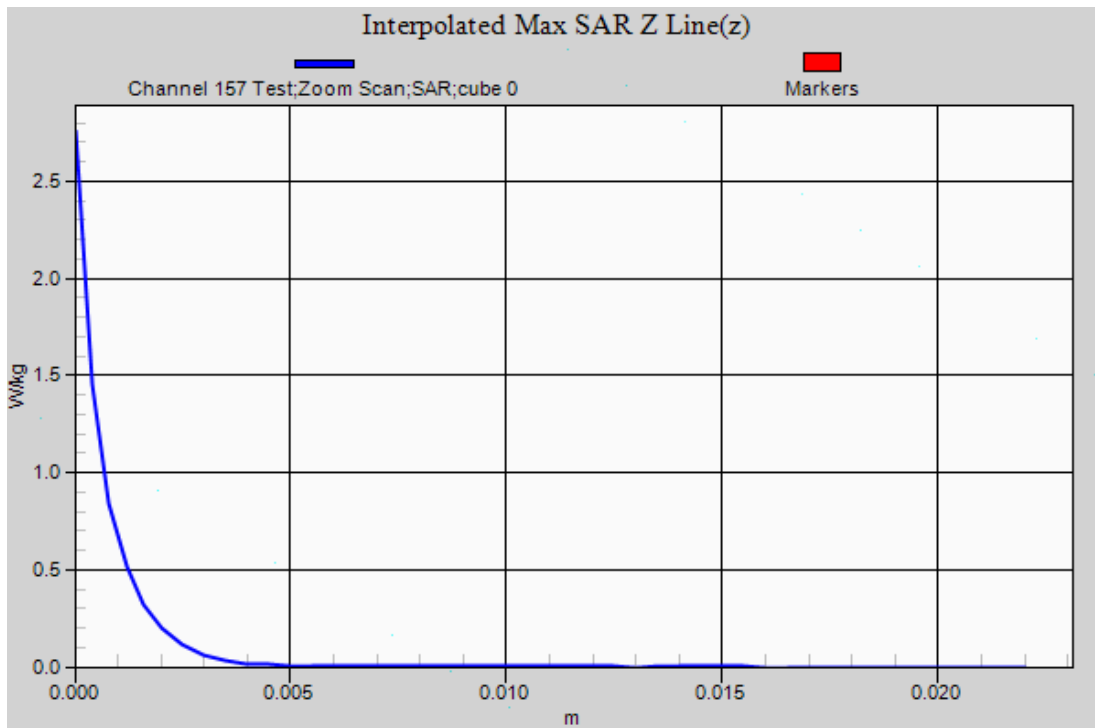
Ambient Temperature
Liquid Temperature
Humidity

21.2 Degrees Celsius
20.9 Degrees Celsius
36.0%



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Test Date: 10 September 2012

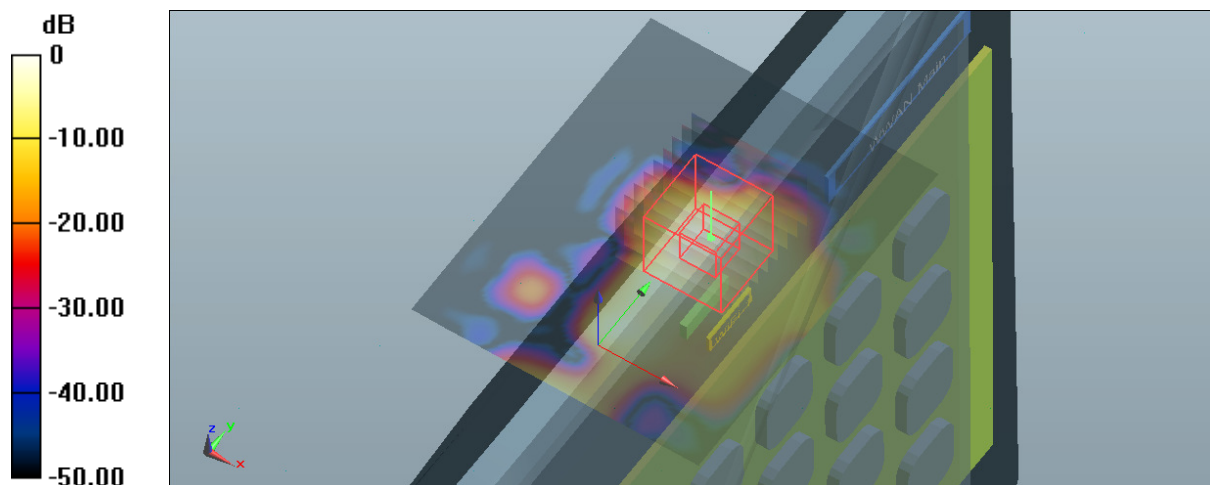
File Name: M120827 Edge On Secondary Landscape OFDM 5800 MHz Antenna A (1) 10-09-12.da52:0

DUT: Fujitsu Tablet Turquoise with Atheros 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; $\sigma = 6.147$ mho/m; $\epsilon_r = 46.708$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.991 W/kg

Configuration/Channel 165 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 8.617 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 3.033 mW/g
SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.231 mW/g
 Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 0.991 W/kg = -0.08 dB W/kg

SAR MEASUREMENT PLOT 20

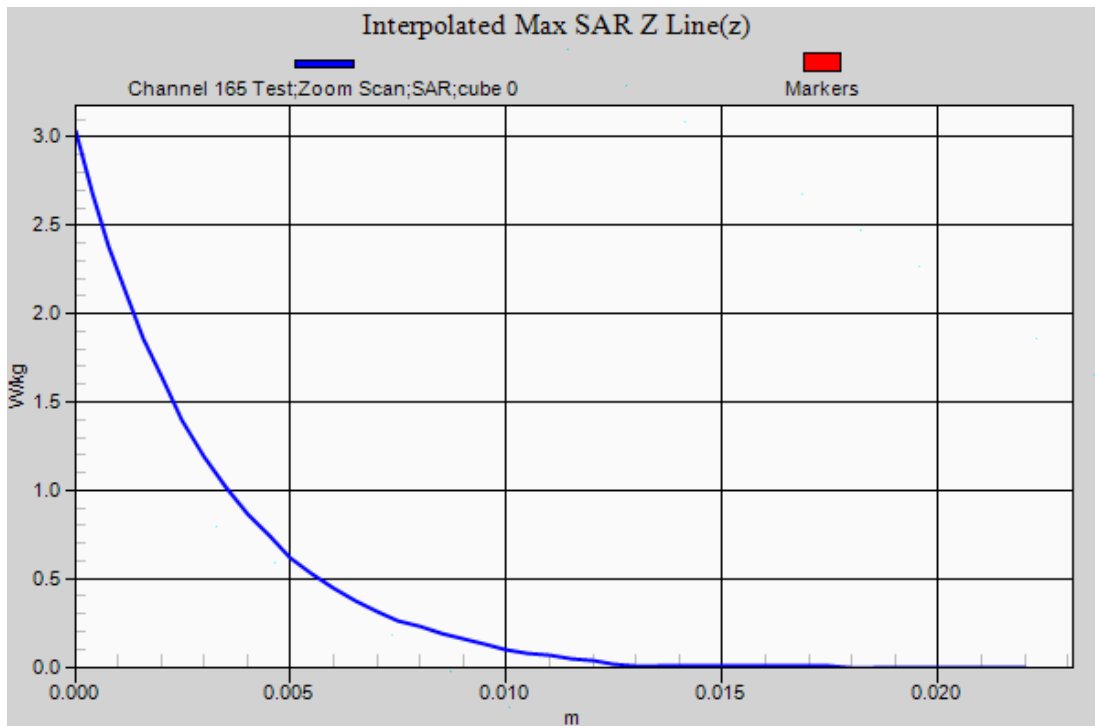
Ambient Temperature
Liquid Temperature
Humidity

21.2 Degrees Celsius
20.9 Degrees Celsius
36.0%



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Test Date: 10 September 2012

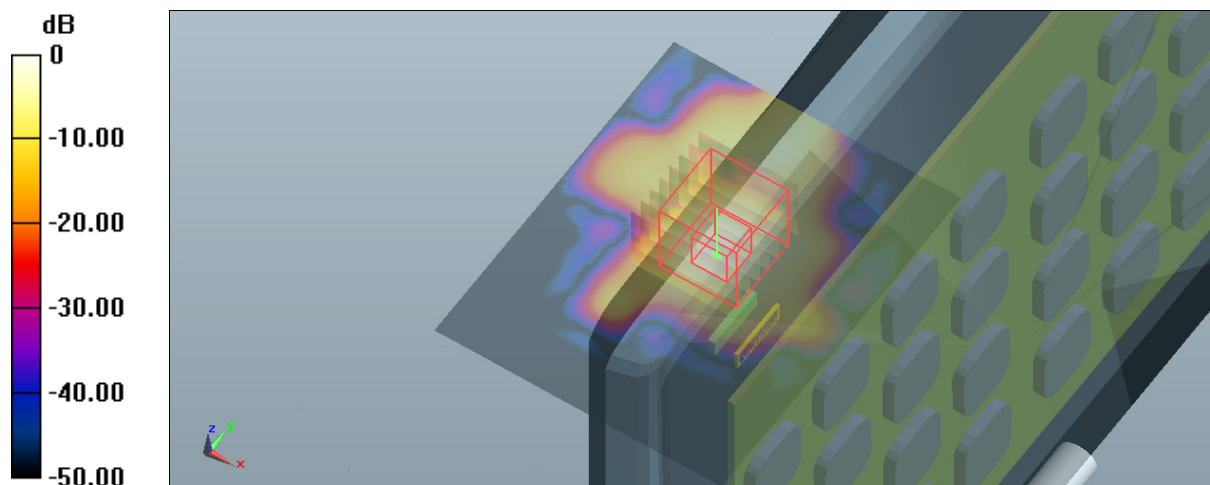
File Name: M120827 Edge On Secondary Landscape HT0 (40MHz) 5800 MHz Antenna B (2) 10-09-12.da52:0

DUT: Fujitsu Tablet Turquoise with Atheros 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; $\sigma = 6.038$ mho/m; $\epsilon_r = 47.133$; $\rho = 1000$ 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 (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.694 W/kg

Configuration/Channel 151 Test/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 9.734 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 2.169 mW/g
SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.160 mW/g
 Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 0.694 W/kg = -3.17 dB W/kg

SAR MEASUREMENT PLOT 21

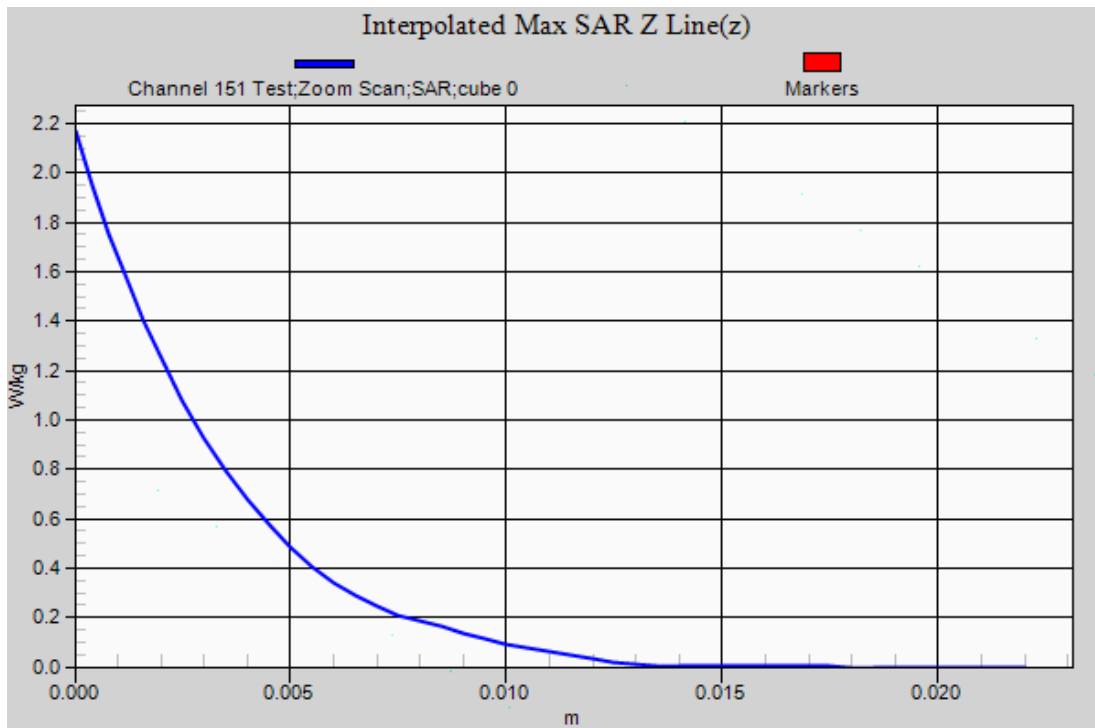
Ambient Temperature
Liquid Temperature
Humidity

21.2 Degrees Celsius
20.9 Degrees Celsius
36.0%



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Test Date: 09 September 2012

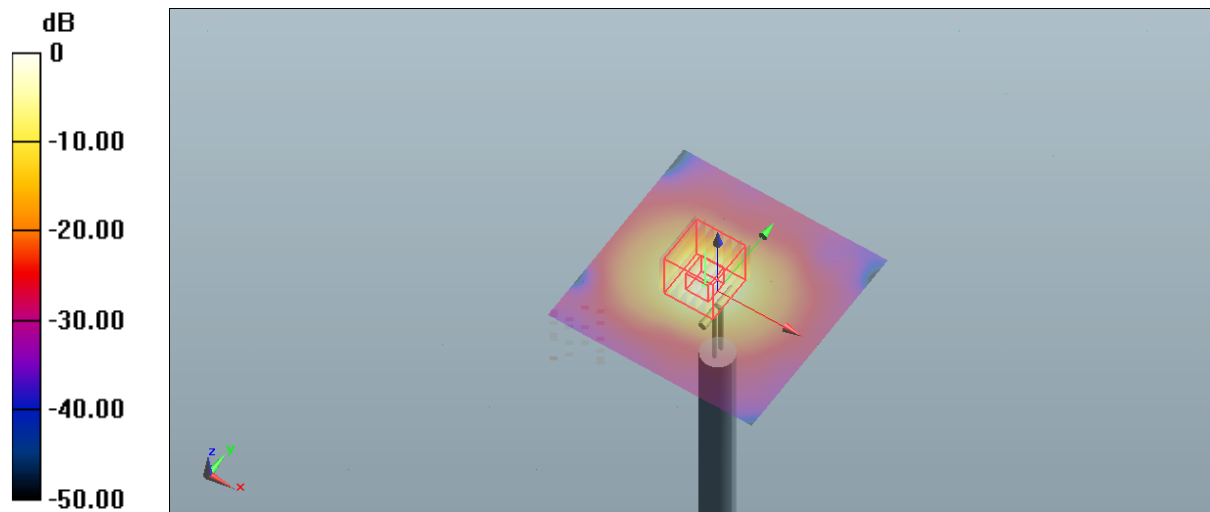
File Name: System Check 5200MHz 09-09-12.da52:0

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

- * Communication System: CW 5200 MHz; Frequency: 5200 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5203 \text{ MHz}$; $\sigma = 5.402 \text{ mho/m}$; $\epsilon_r = 48.261$; $\rho = 1000 \text{ kg/m}^3$
- 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): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 20.4 W/kg

Configuration/Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
 $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$
 Reference Value = 57.736 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 36.096 mW/g
SAR(1 g) = 9.64 mW/g; SAR(10 g) = 2.74 mW/g
 Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.4 W/kg = 26.19 dB W/kg

SAR MEASUREMENT PLOT 22

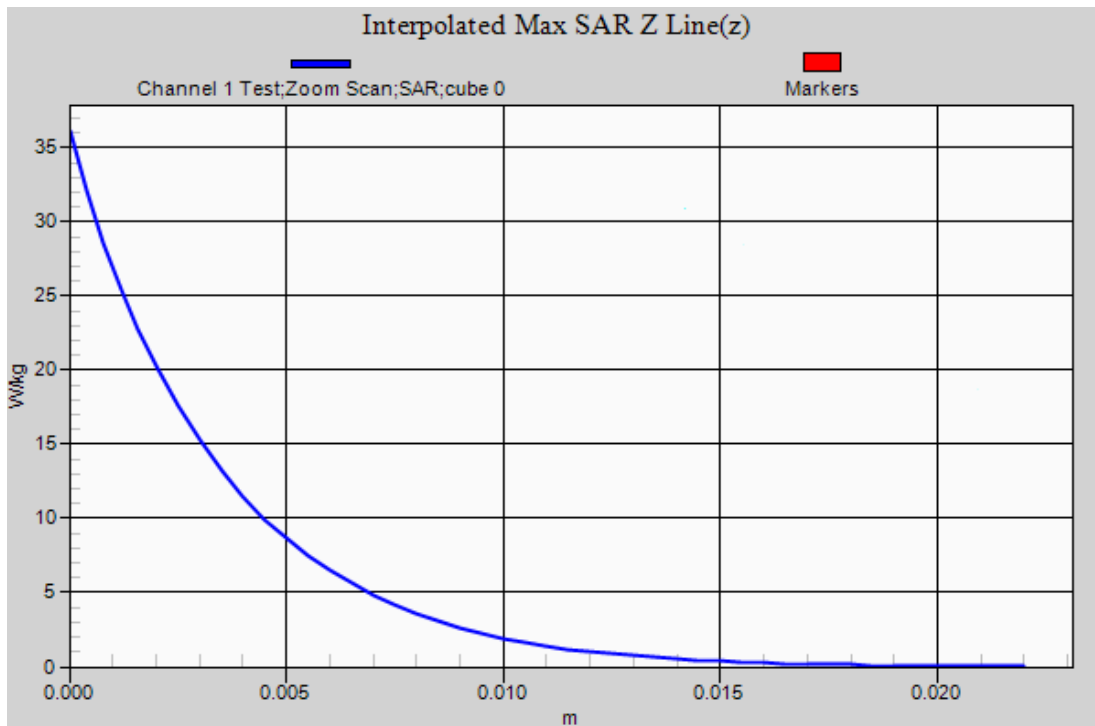
Ambient Temperature
 Liquid Temperature
 Humidity

20.8 Degrees Celsius
 20.6 Degrees Celsius
 38.0%



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Test Date: 09 September 2012

File Name: System Check 5500MHz 10-09-12.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; $\sigma = 5.814$ mho/m; $\epsilon_r = 47.349$; $\rho = 1000$ 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): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 22.7 W/kg

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

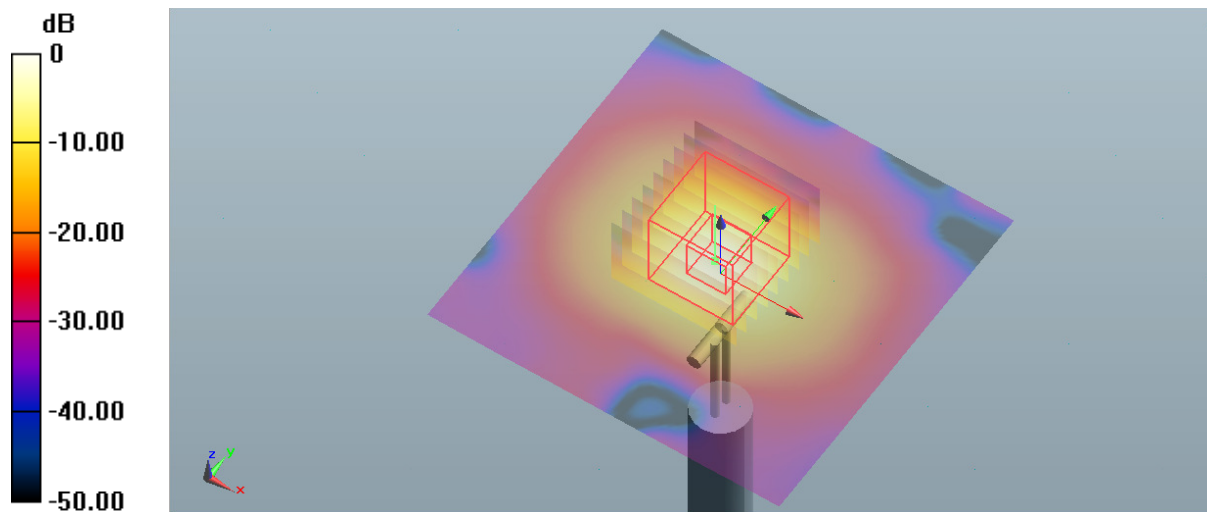
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 65.489 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 42.234 mW/g

SAR(1 g) = 10.7 mW/g; SAR(10 g) = 2.98 mW/g

Maximum value of SAR (measured) = 22.4 W/kg



0 dB = 22.7 W/kg = 27.12 dB W/kg

SAR MEASUREMENT PLOT 23

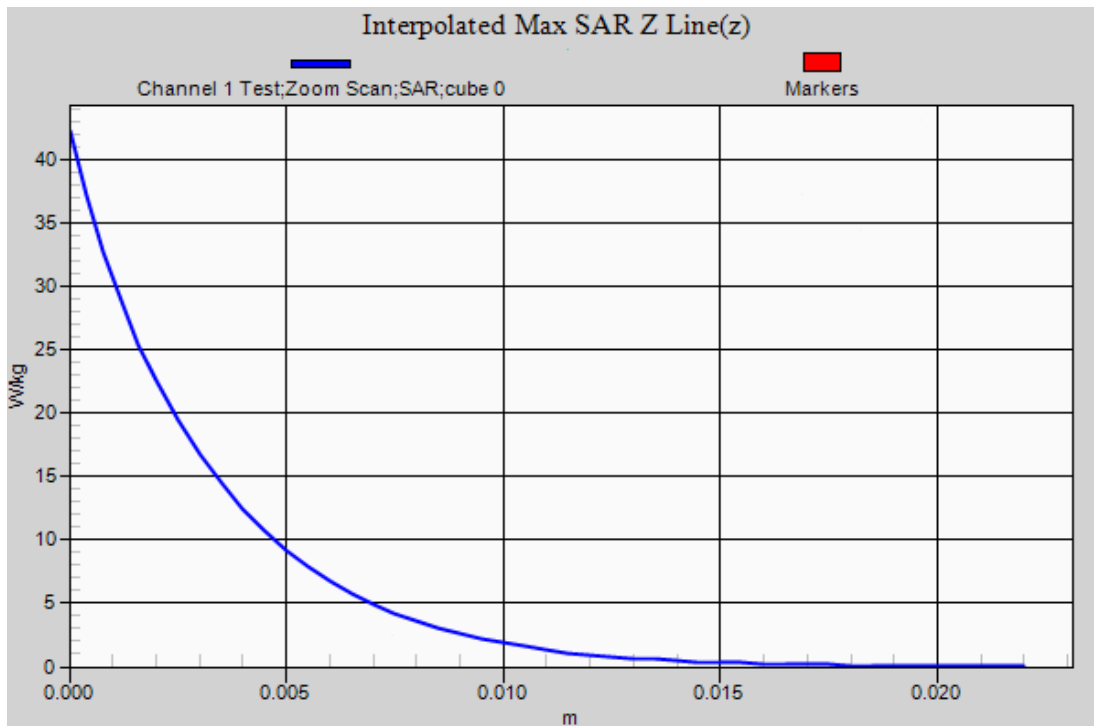
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
38.0%



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Test Date: 10 September 2012

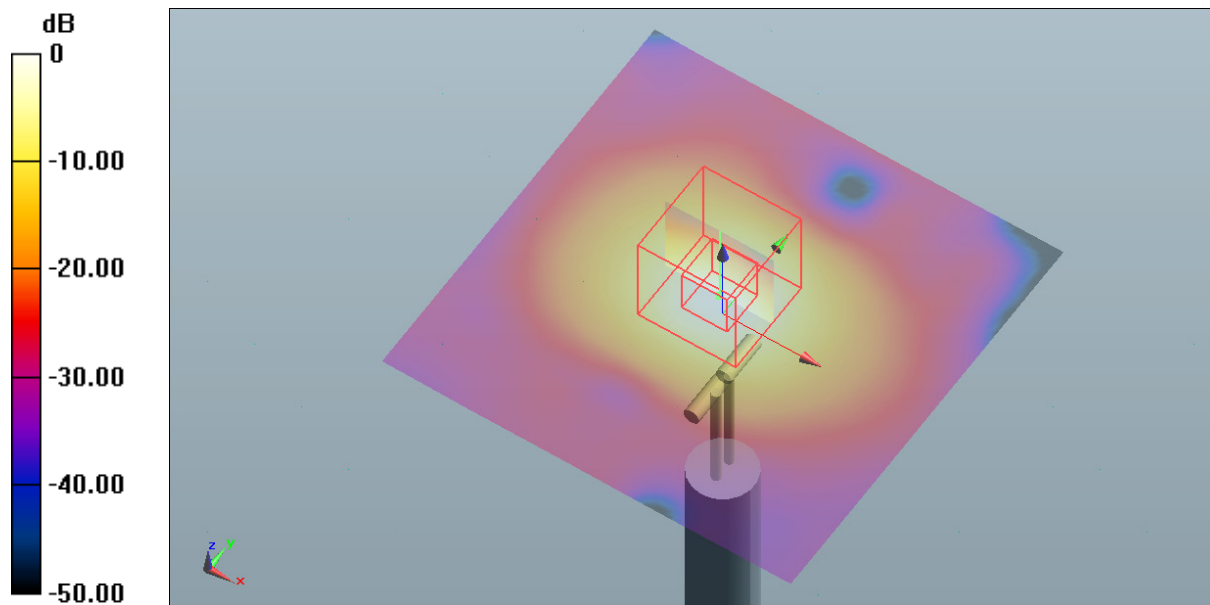
File Name: System Check 5800MHz 10-09-12.da52:0

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; $\sigma = 6.063$ mho/m; $\epsilon_r = 46.927$; $\rho = 1000$ 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 1/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 20.5 W/kg

Configuration/Channel 1 Test 1/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 61.620 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 39.343 mW/g
SAR(1 g) = 9.54 mW/g; SAR(10 g) = 2.66 mW/g
 Maximum value of SAR (measured) = 20.6 W/kg



0 dB = 20.5 W/kg = 26.24 dB W/kg

SAR MEASUREMENT PLOT 24

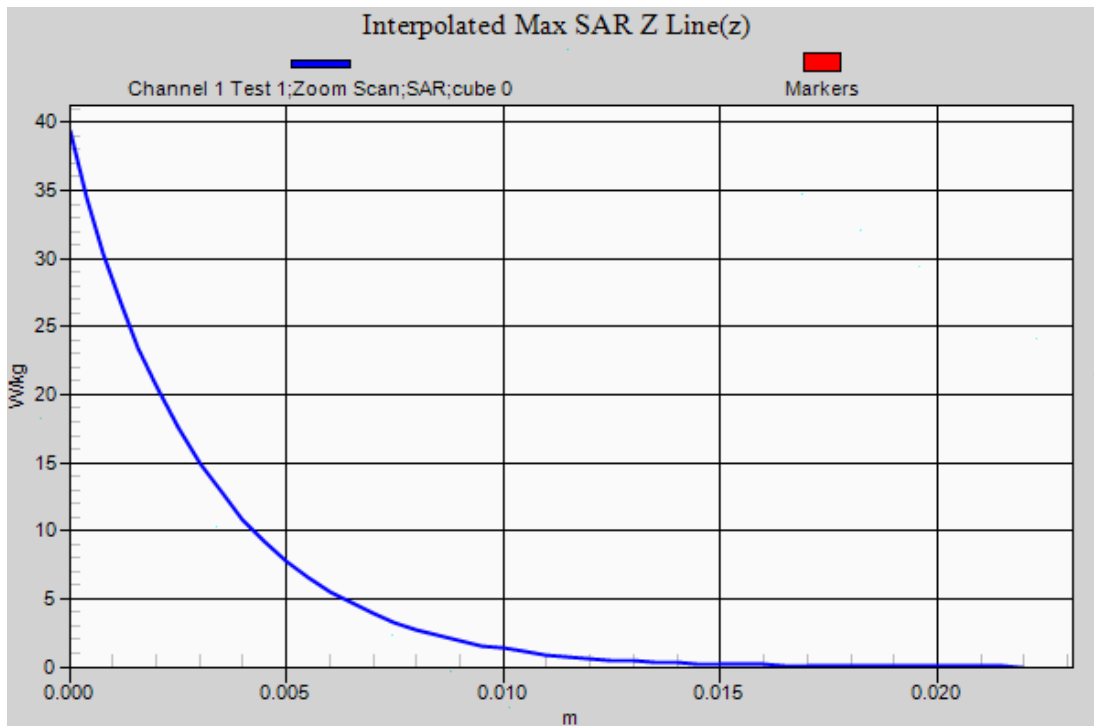
Ambient Temperature
Liquid Temperature
Humidity

21.2 Degrees Celsius
20.9 Degrees Celsius
36.0%



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