

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 18 2450 MHz DSSS 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	-	06
	2	B	6	-	06
Lap Held	3	A	6	-	06
	4	B	6	-	06
Edge On Secondary Portrait	5	A	6	-	06
Edge On Primary Portrait	6	B	6	-	06
Edge On Secondary Landscape	7	A	6	-	02
	8		6	-	06
	9		6	-	10
	10	B	6	-	06

Table 19 2450MHz System verification Plot

Plot 11	System verification 2450 MHz 31 st August 2012



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Test Date: 31 August 2012

File Name: M120826 Bystander 25mm Spacing OFDM 2450 MHz (-1.5dB) Antenna A (1) 31-08-12.da52:0

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

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2437 MHz; Duty Cycle: 1:12.9778

* Medium parameters used: $f = 2436$ MHz; $\sigma = 1.939$ mho/m; $\epsilon_r = 51.703$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011

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

Configuration/Channel 6 Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0147 mW/g

Configuration/Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

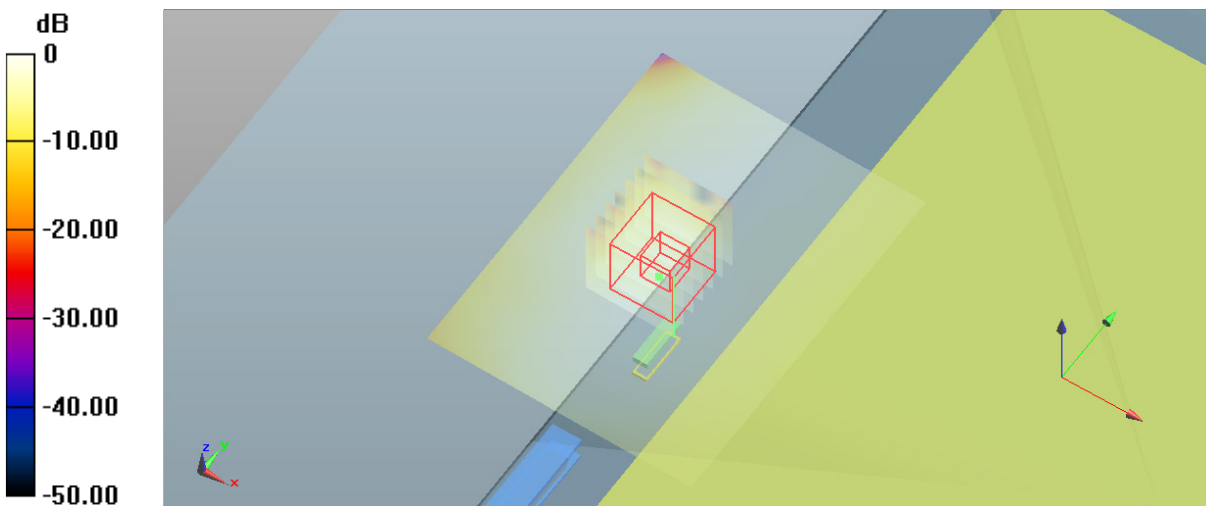
dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.854 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.031 mW/g

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00797 mW/g

Maximum value of SAR (measured) = 0.0154 mW/g

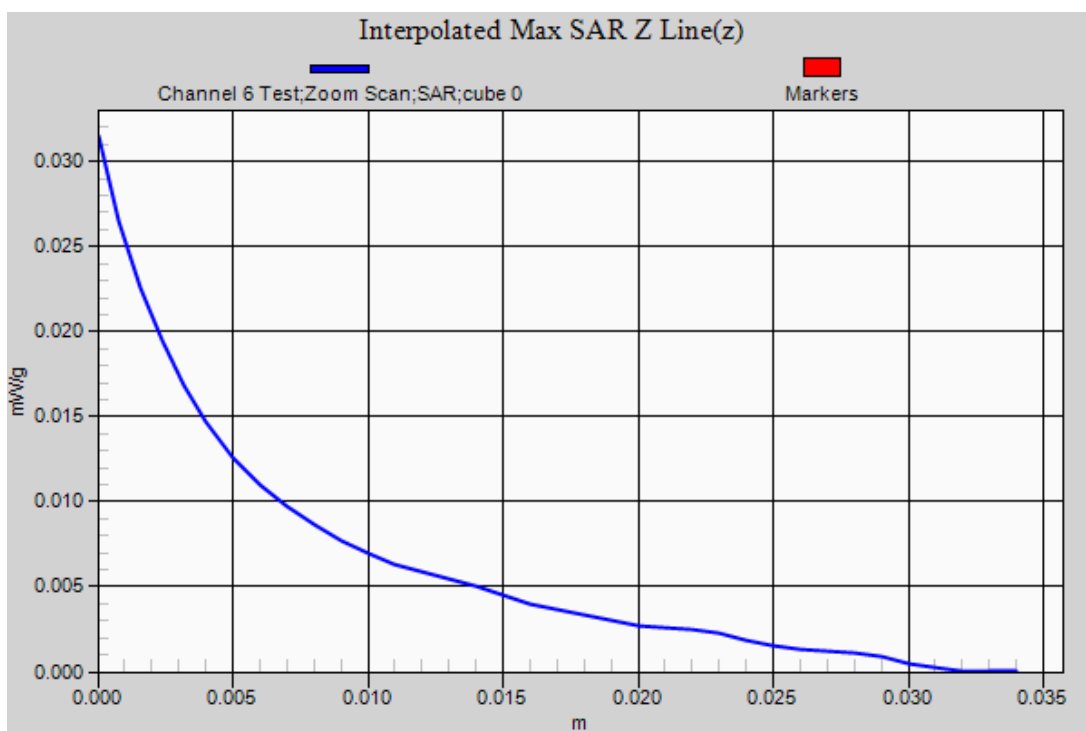


0 dB = 0.0147 mW/g = -36.65 dB mW/g

SAR MEASUREMENT PLOT 1

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
34.0%



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Test Date: 31 August 2012

File Name: M120826 Bystander 25mm Spacing OFDM 2450 MHz Antenna B (2) 31-08-12.da52:0

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

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2437 MHz; Duty Cycle: 1:12.9778

* Medium parameters used: $f = 2436$ MHz; $\sigma = 1.939$ mho/m; $\epsilon_r = 51.703$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011

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

Configuration/Channel 6 Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0564 mW/g

Configuration/Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

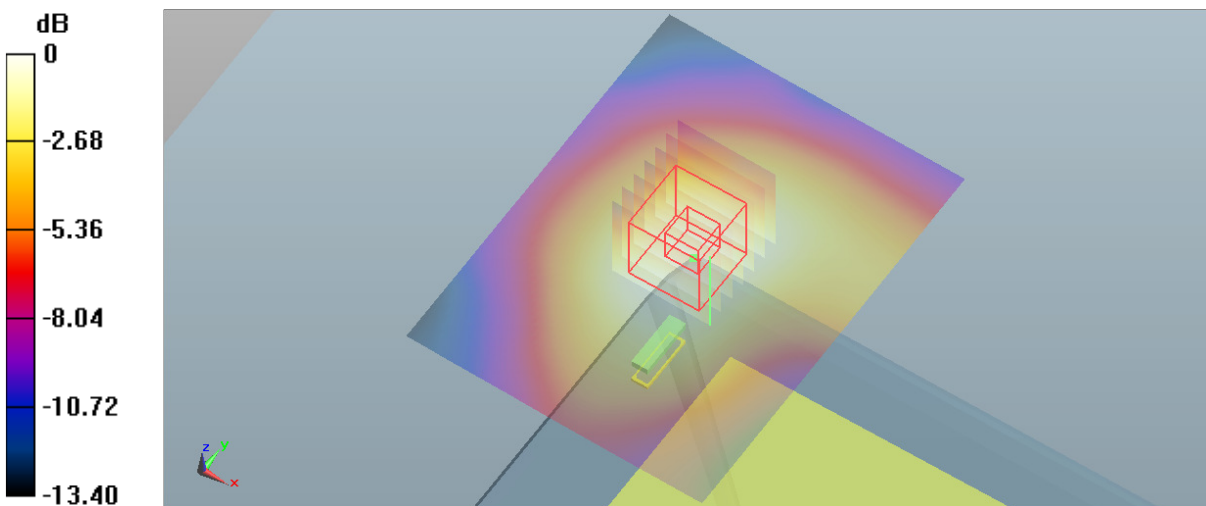
dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.628 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.110 mW/g

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.0560 mW/g

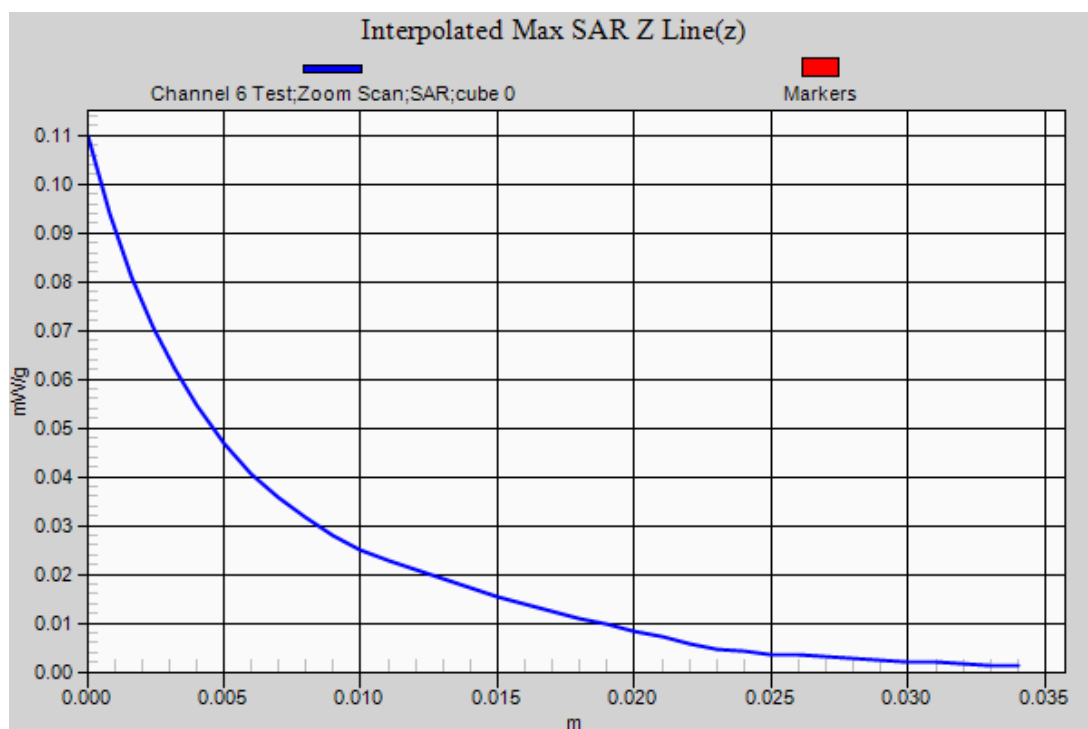


0 dB = 0.0564 mW/g = -24.97 dB mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
34.0%



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Test Date: 31 August 2012

File Name: M120826 Lap Held OFDM 2450 MHz (-1.5dB) Antenna A (1) 31-08-12.da52:0

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

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2437 MHz; Duty Cycle: 1:12.9778

* Medium parameters used: $f = 2436$ MHz; $\sigma = 1.939$ mho/m; $\epsilon_r = 51.703$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011

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

Configuration/Channel 6 Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0345 mW/g

Configuration/Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

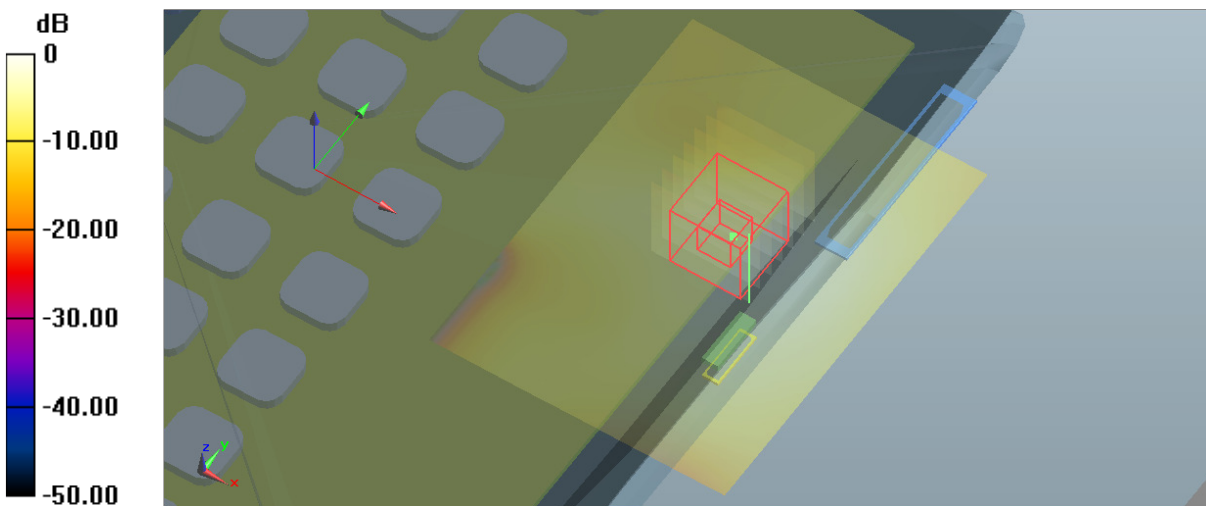
dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.891 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.065 mW/g

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.0329 mW/g



0 dB = 0.0345 mW/g = -29.24 dB mW/g

SAR MEASUREMENT PLOT 3

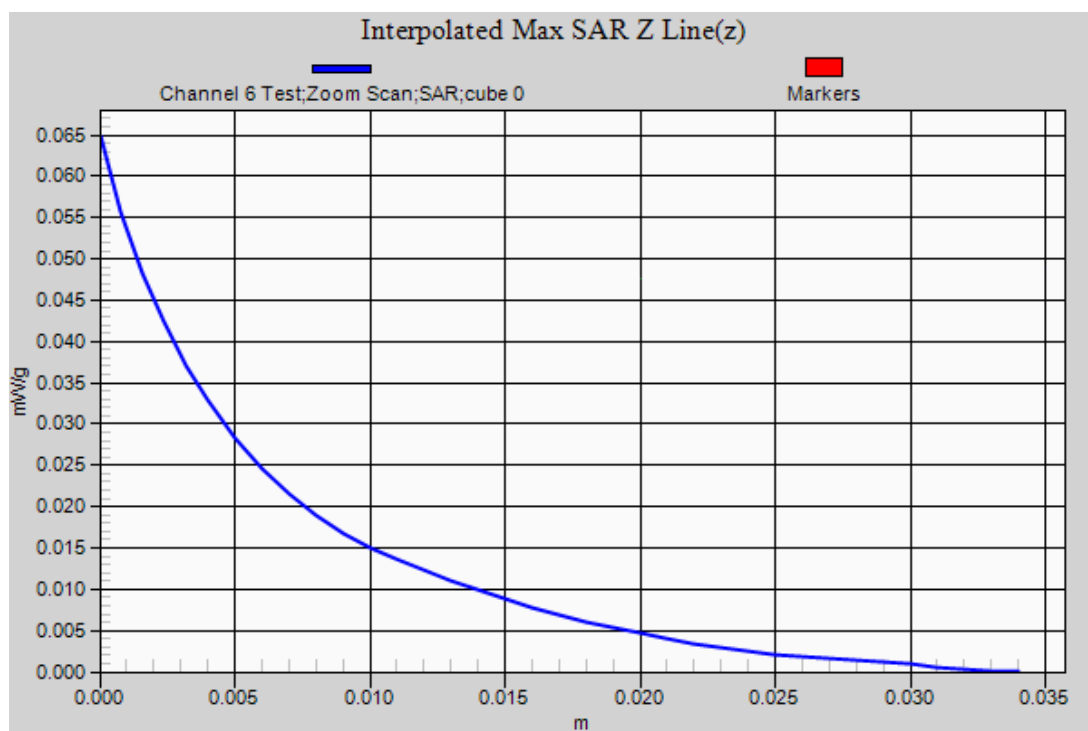
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
34.0%



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Test Date: 31 August 2012

File Name: M120826 Lap Held OFDM 2450 MHz Antenna B (2) 31-08-12.da52:0

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

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2437 MHz; Duty Cycle: 1:12.9778

* Medium parameters used: $f = 2436$ MHz; $\sigma = 1.939$ mho/m; $\epsilon_r = 51.703$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011

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

Configuration/Channel 6 Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0484 mW/g

Configuration/Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

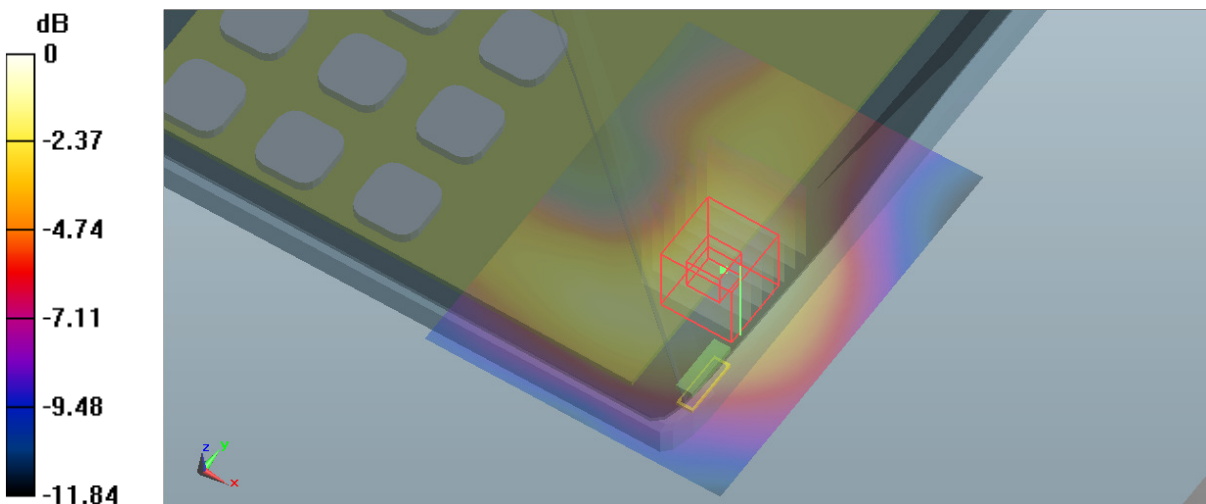
dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.865 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.096 mW/g

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.0438 mW/g

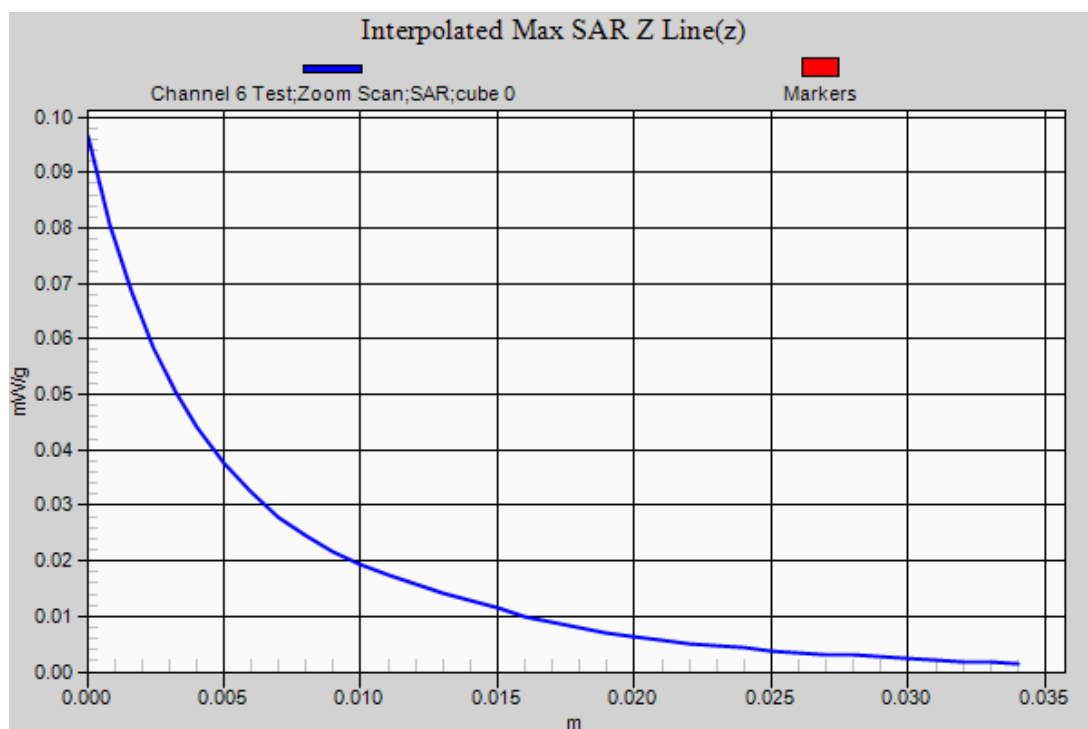


0 dB = 0.0484 mW/g = -26.30 dB mW/g

SAR MEASUREMENT PLOT 4

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
34.0%



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Test Date: 31 August 2012

File Name: M120826 Edge On Secondary Portrait OFDM 2450 MHz (-1.5dB) Antenna A (1) 31-08-12.da52:0

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

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2437 MHz; Duty Cycle: 1:12.9778

* Medium parameters used: $f = 2436$ MHz; $\sigma = 1.939$ mho/m; $\epsilon_r = 51.703$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011

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

Configuration/Channel 6 Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0145 mW/g

Configuration/Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

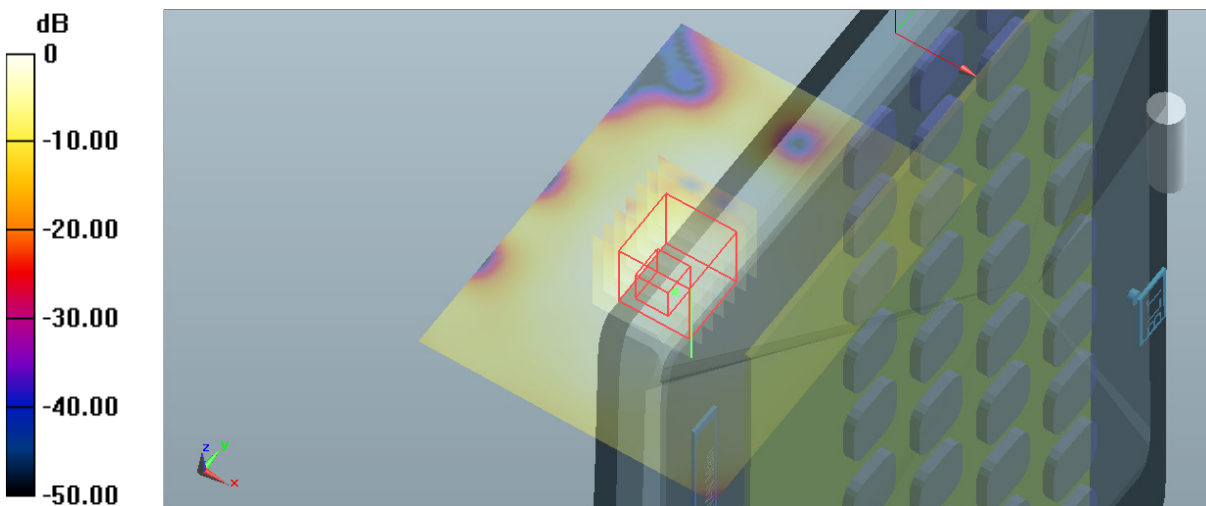
dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.517 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.036 mW/g

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00746 mW/g

Maximum value of SAR (measured) = 0.0150 mW/g



0 dB = 0.0145 mW/g = -36.77 dB mW/g

SAR MEASUREMENT PLOT 5

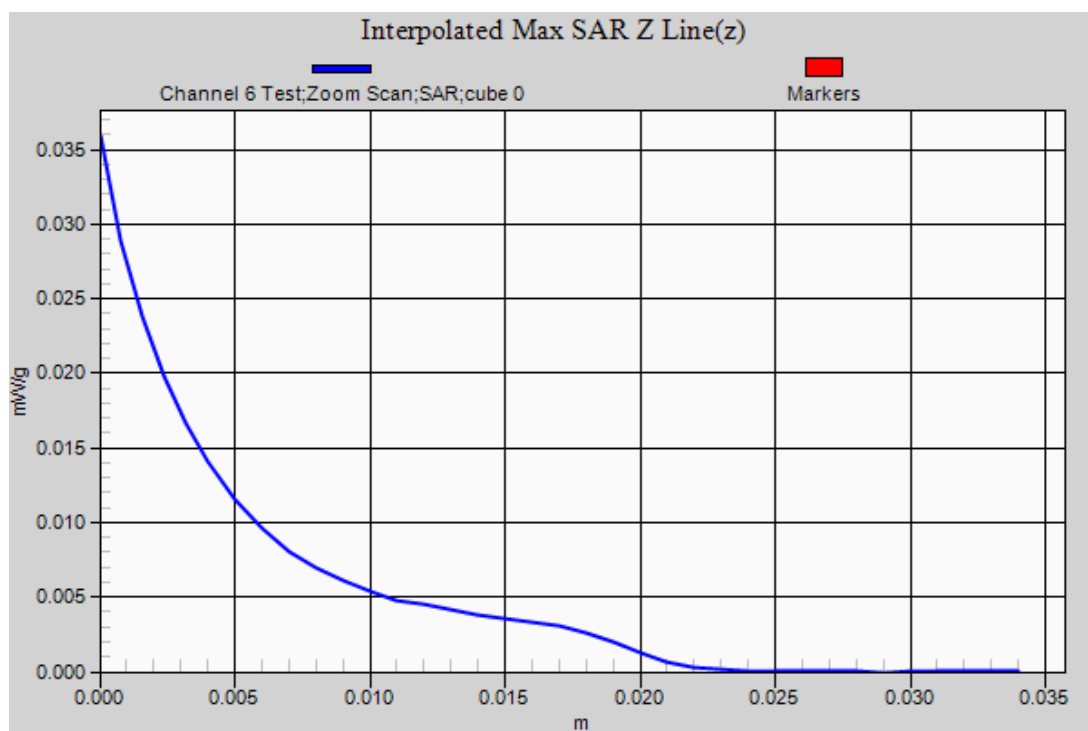
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
34.0%



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Test Date: 31 August 2012

File Name: M120826 Edge On Primary Portrait OFDM 2450 MHz Antenna B (2) 31-08-12.da52:0

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

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2437 MHz; Duty Cycle: 1:12.9778

* Medium parameters used: $f = 2436$ MHz; $\sigma = 1.939$ mho/m; $\epsilon_r = 51.703$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011

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

Configuration/Channel 6 Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.261 mW/g

Configuration/Channel 6 Test/Zoom Scan (8x12x7)/Cube 0: Measurement grid:

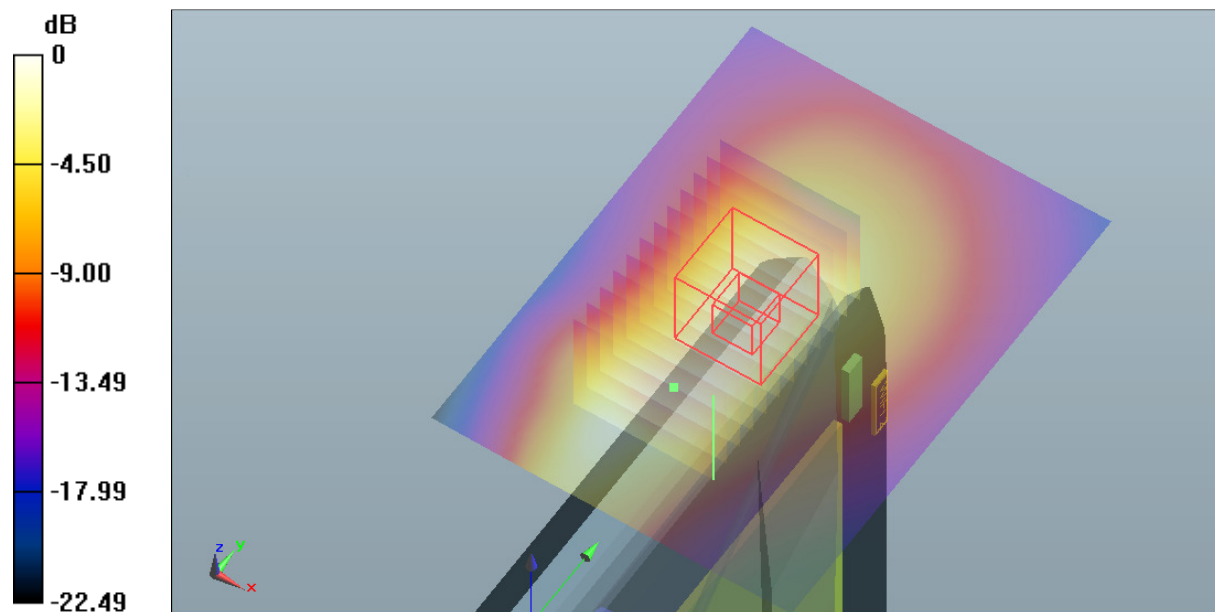
dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.541 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.555 mW/g

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.222 mW/g



0 dB = 0.261 mW/g = -11.67 dB mW/g

SAR MEASUREMENT PLOT 6

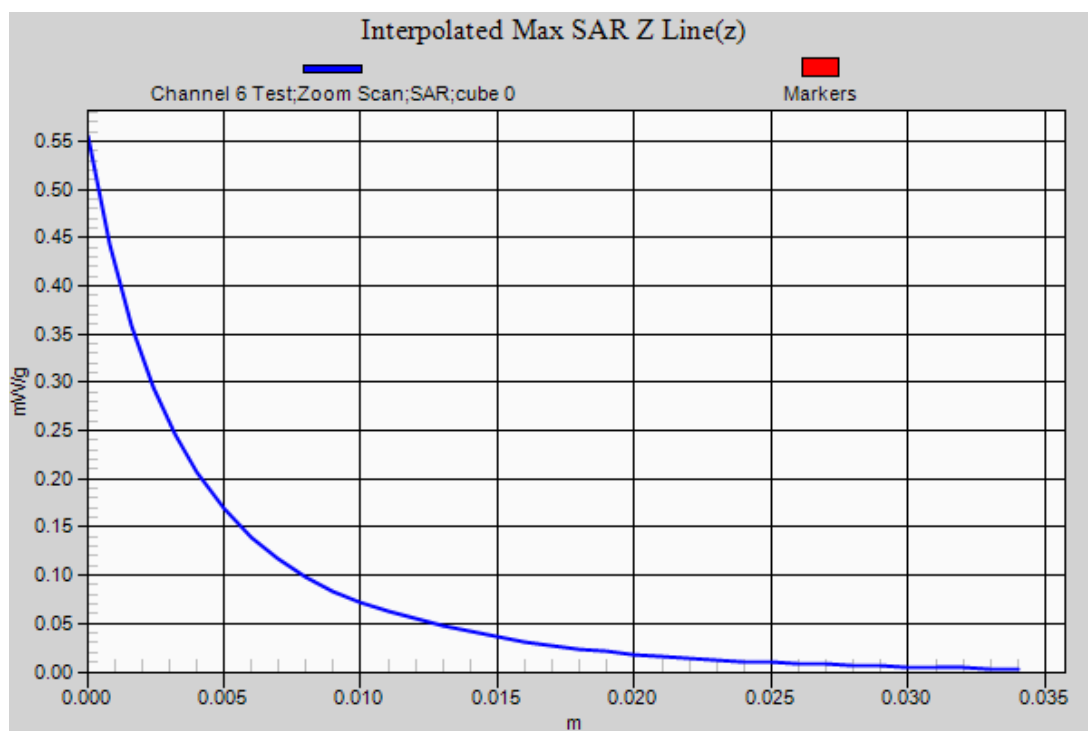
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
34.0%



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Test Date: 31 August 2012

File Name: M120826 Edge On Secondary Landscape OFDM 2450 MHz (-1.5dB) Antenna A (1) 31-08-12.da52:0

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

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2417 MHz; Duty Cycle: 1:12.9778

* Medium parameters used: $f = 2416$ MHz; $\sigma = 1.908$ mho/m; $\epsilon_r = 51.801$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011

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

Configuration/Channel 2 Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.231 mW/g

Configuration/Channel 2 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

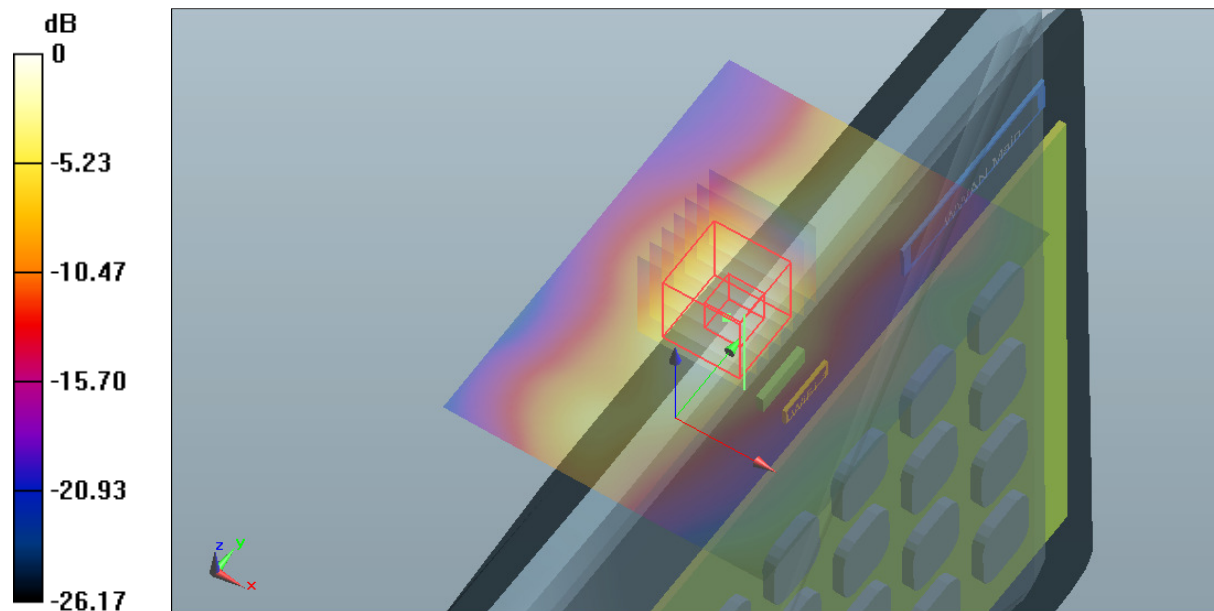
dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.532 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.494 mW/g

SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.214 mW/g



0 dB = 0.231 mW/g = -12.73 dB mW/g

SAR MEASUREMENT PLOT 7

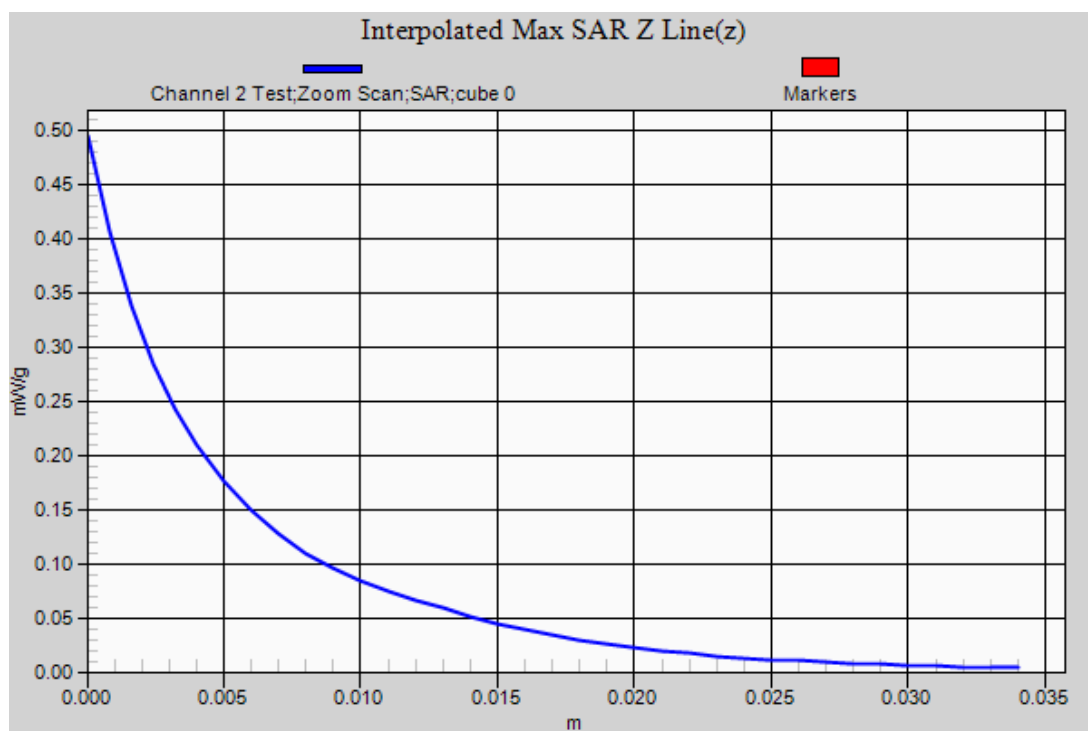
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
34.0%



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Test Date: 31 August 2012

File Name: M120826 Edge On Secondary Landscape OFDM 2450 MHz (-1.5dB) Antenna A (1) 31-08-12.da52:0

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

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2437 MHz; Duty Cycle: 1:12.9778

* Medium parameters used: $f = 2436$ MHz; $\sigma = 1.939$ mho/m; $\epsilon_r = 51.703$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011

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

Configuration/Channel 6 Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.250 mW/g

Configuration/Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

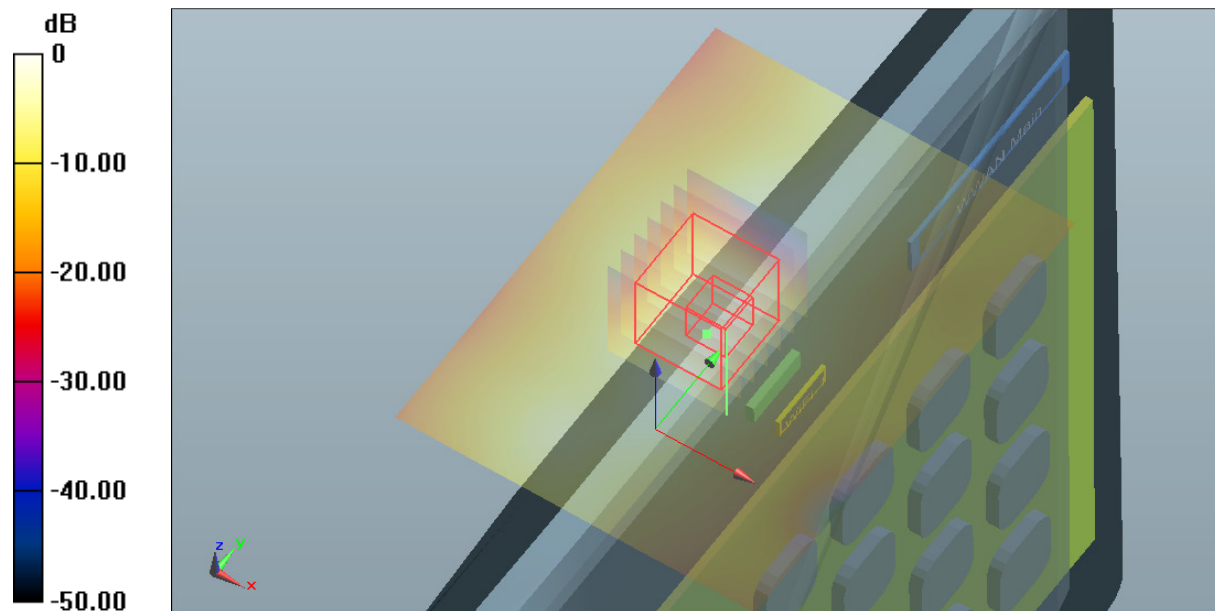
dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.756 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.538 mW/g

SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.235 mW/g



0 dB = 0.250 mW/g = -12.04 dB mW/g

SAR MEASUREMENT PLOT 8

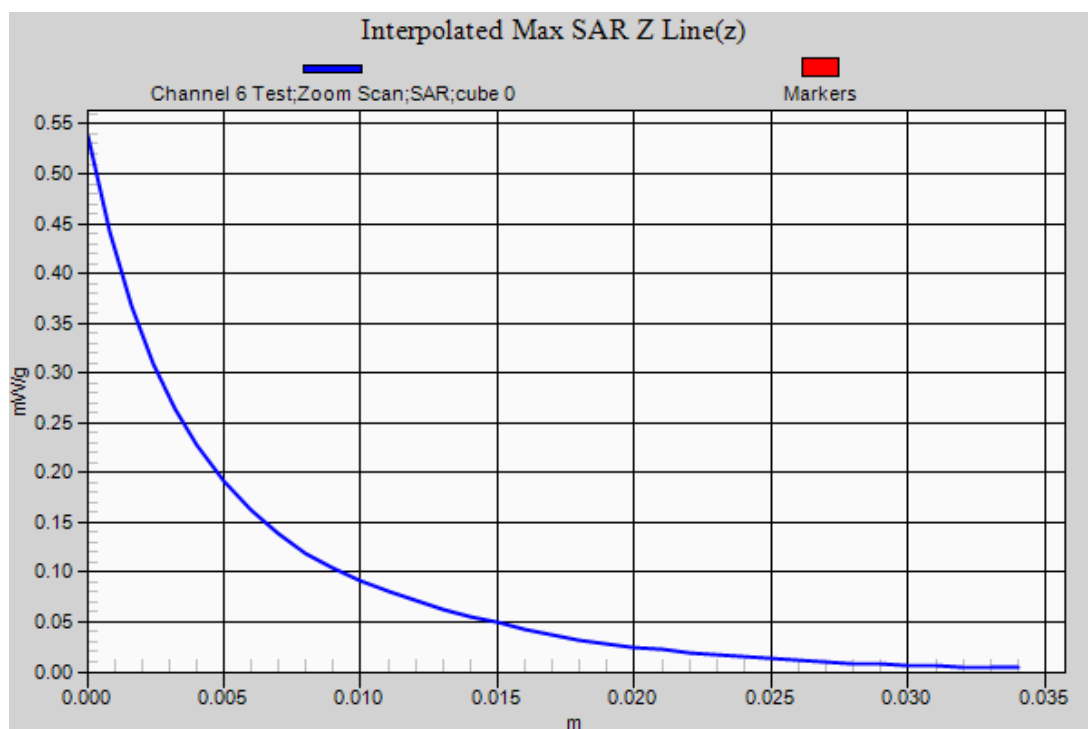
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
34.0%



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Test Date: 31 August 2012

File Name: M120826 Edge On Secondary Landscape OFDM 2450 MHz (-1.5dB) Antenna A (1) 31-08-12.da52:0

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

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2457 MHz; Duty Cycle: 1:12.9778

* Medium parameters used: $f = 2456$ MHz; $\sigma = 1.972$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011

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

Configuration/Channel 10 Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.263 mW/g

Configuration/Channel 10 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

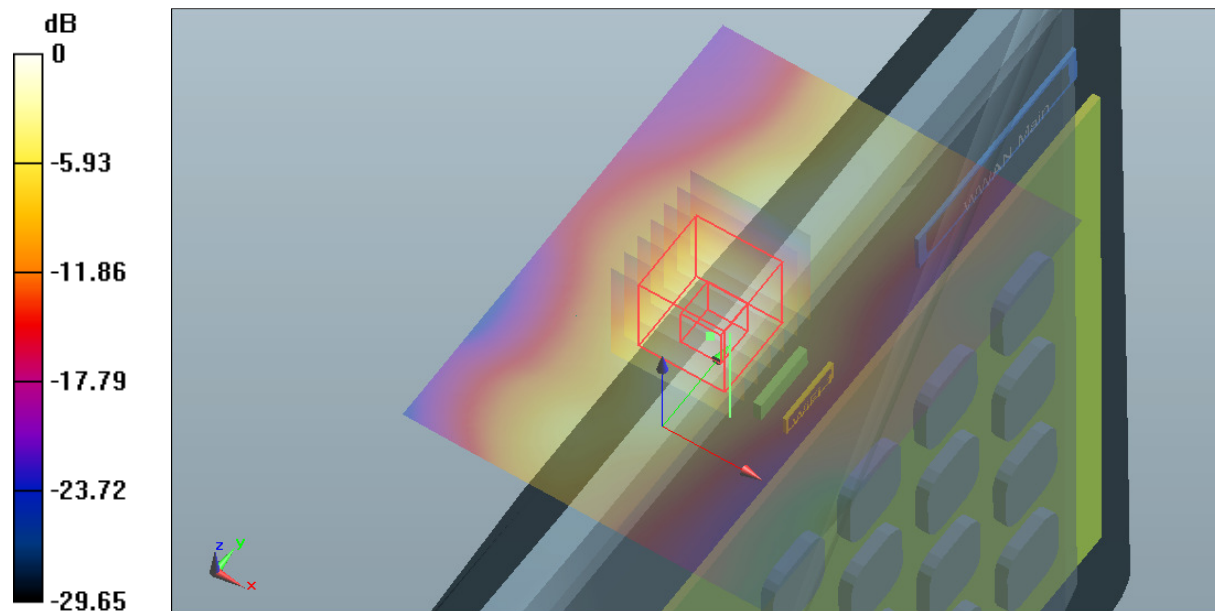
dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.901 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.560 mW/g

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.263 mW/g = -11.60 dB mW/g

SAR MEASUREMENT PLOT 9

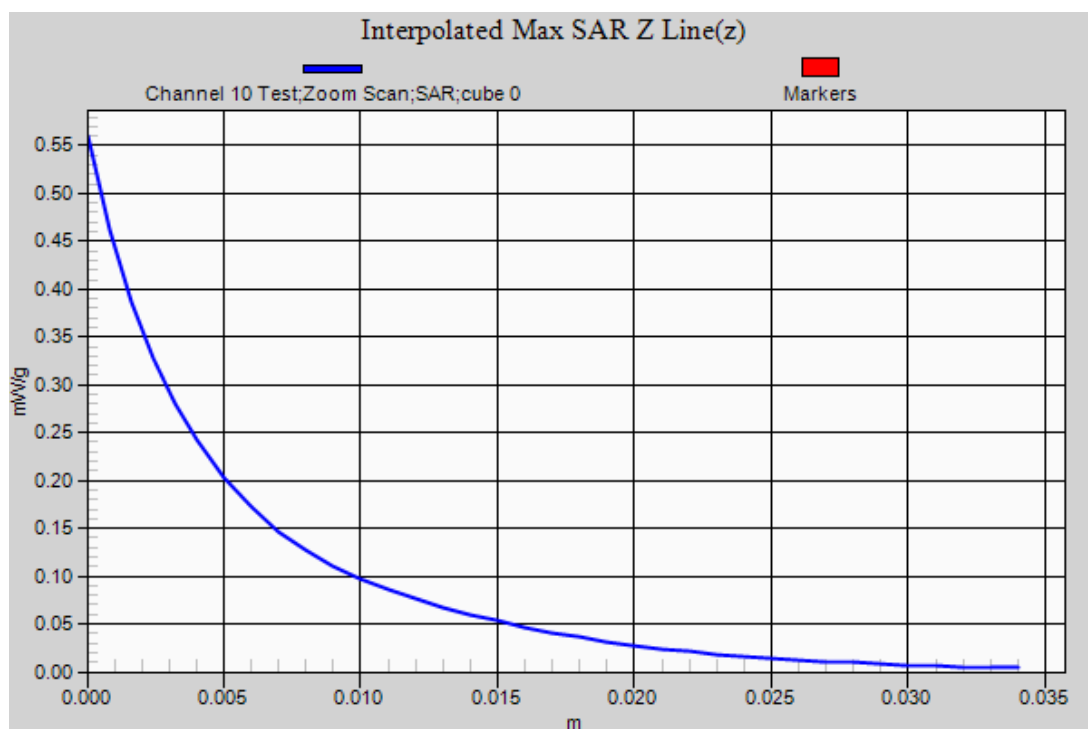
Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
34.0%



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Test Date: 31 August 2012

File Name: M120826 Edge On Secondary Landscape OFDM 2450 MHz Antenna B (2) 31-08-12.da52:0

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

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2437 MHz; Duty Cycle: 1:12.9778

* Medium parameters used: $f = 2436$ MHz; $\sigma = 1.939$ mho/m; $\epsilon_r = 51.703$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011

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

Configuration/Channel 6 Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.335 mW/g

Configuration/Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

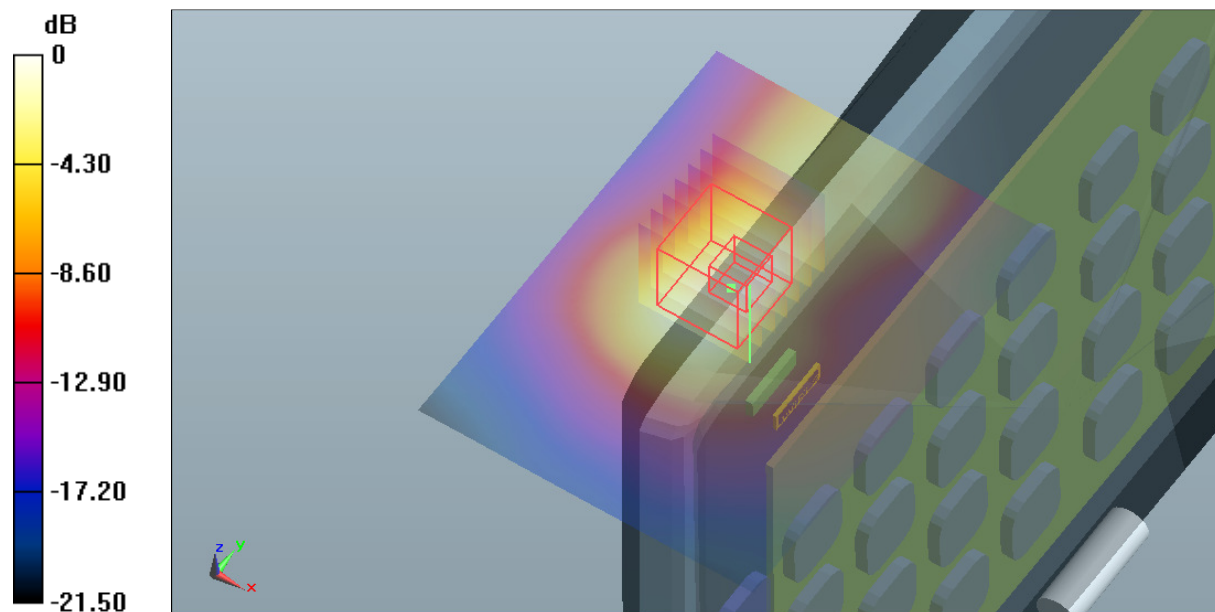
dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.903 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.844 mW/g

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.372 mW/g

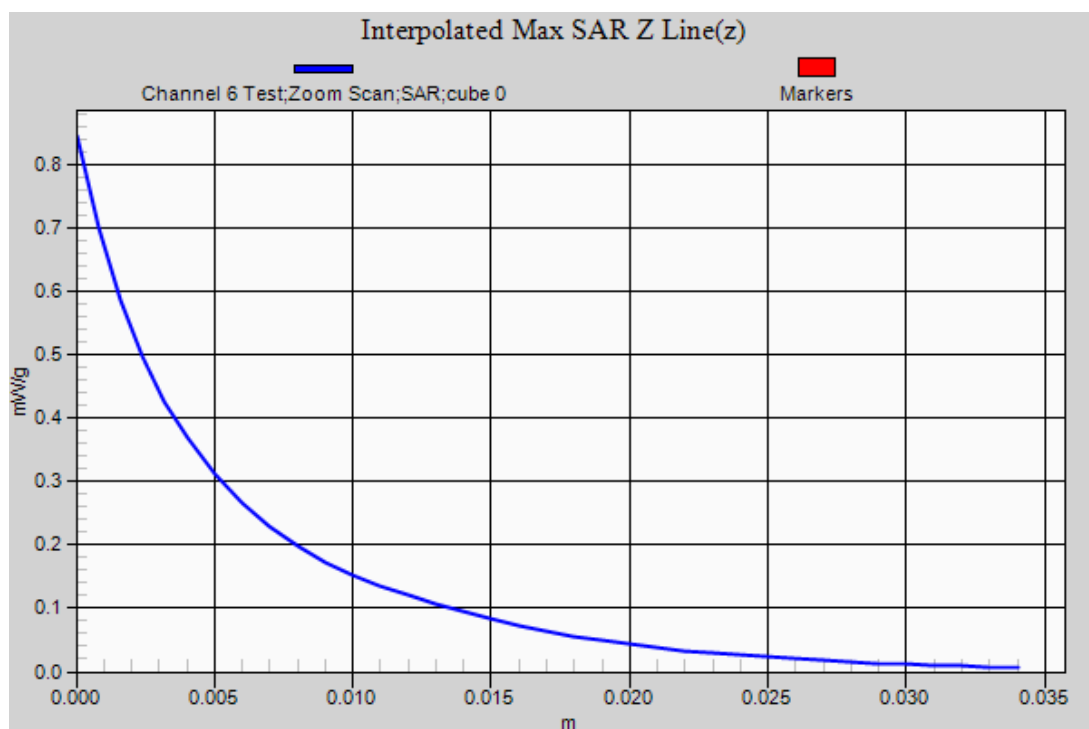


0 dB = 0.335 mW/g = -9.50 dB mW/g

SAR MEASUREMENT PLOT 10

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
34.0%



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Test Date: 31 August 2012

File Name: System Check 2450 MHz 31-08-12.da52:0

DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

* Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

* Medium parameters used: $f = 2450$ MHz; $\sigma = 1.961$ mho/m; $\epsilon_r = 51.63$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011

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

Configuration/Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 18.3 mW/g

Configuration/Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

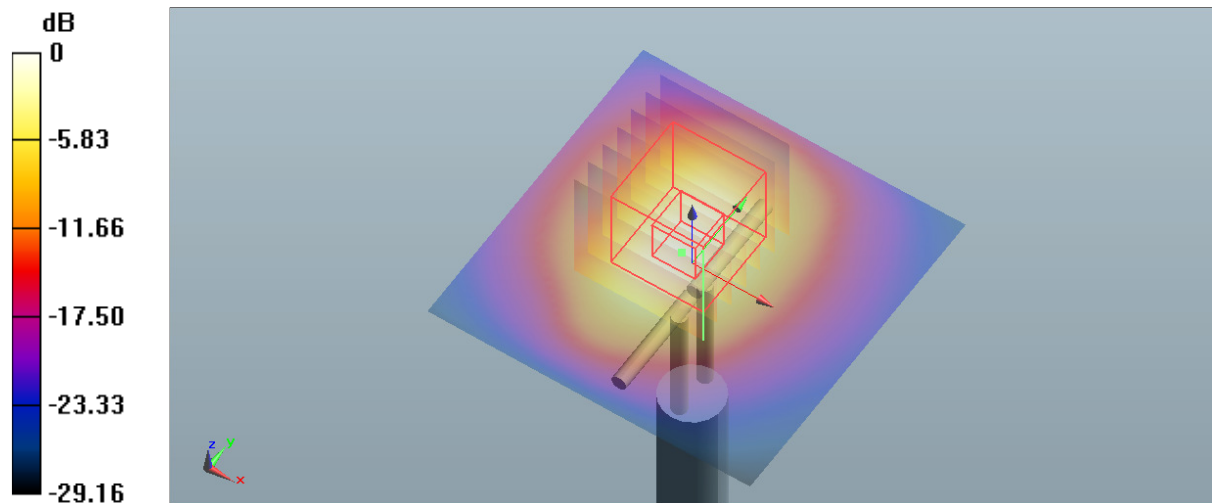
dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.314 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 34.874 mW/g

SAR(1 g) = 15.1 mW/g; SAR(10 g) = 7.06 mW/g

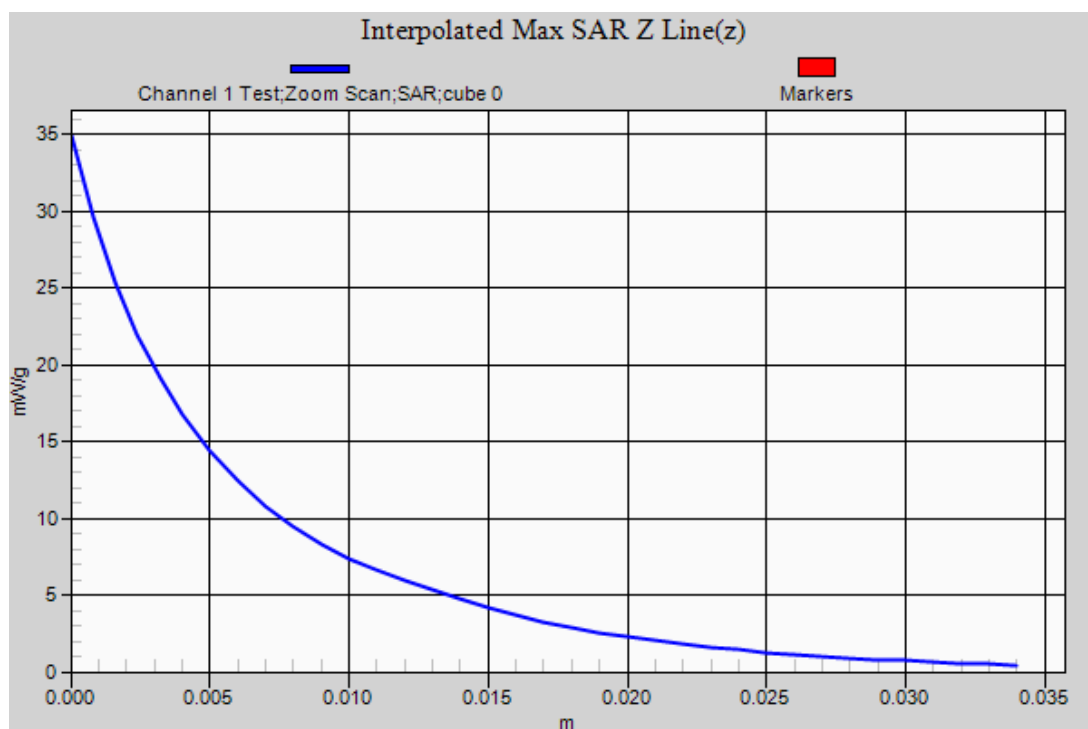
Maximum value of SAR (measured) = 16.5 mW/g



SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
34.0%



Accredited for compliance with ISO/IEC 17025. The results of the test, calibrations and/or measurement included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

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