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 OFDM Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Lap Held	1	A	6	-	02
	2		6	-	06
	3		6	-	10
	4	B	6	-	02
	5		6	-	06
	6		6	-	10
Edge On Primary Portrait	7	A	6	-	06
	8	B	6	-	06

Table 19 2450MHz System verification Plot

Plot 9	System Verification 2450 MHz 10th August 2012

Test Date: 10 August 2012
File Name: M120808 Lap Held OFDM 2450 MHz Antenna A (1) 10-08-12.da52:0
DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600

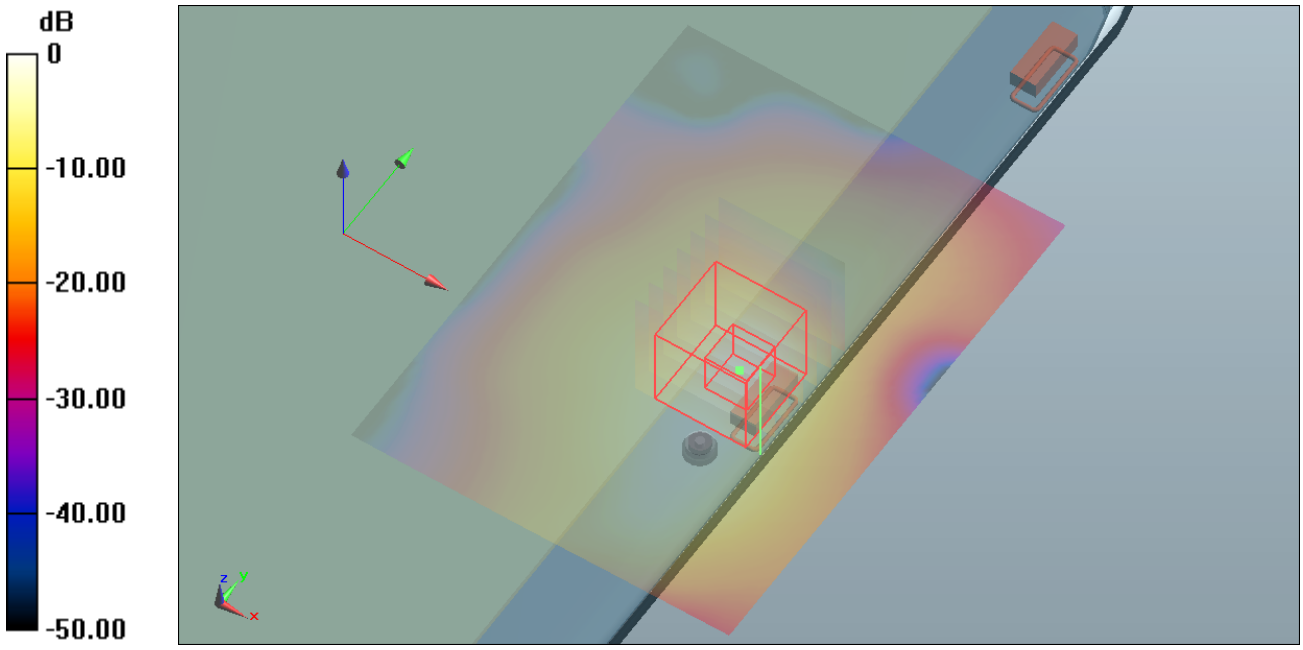
* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2417 MHz; Duty Cycle: 1:12.9778
* Medium parameters used: f = 2416 MHz; σ = 1.862 mho/m; ε_r = 51.362; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011
- Phantom: Flat Phantom 10.1; 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) = 0.701 mW/g

Configuration/Channel 2 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

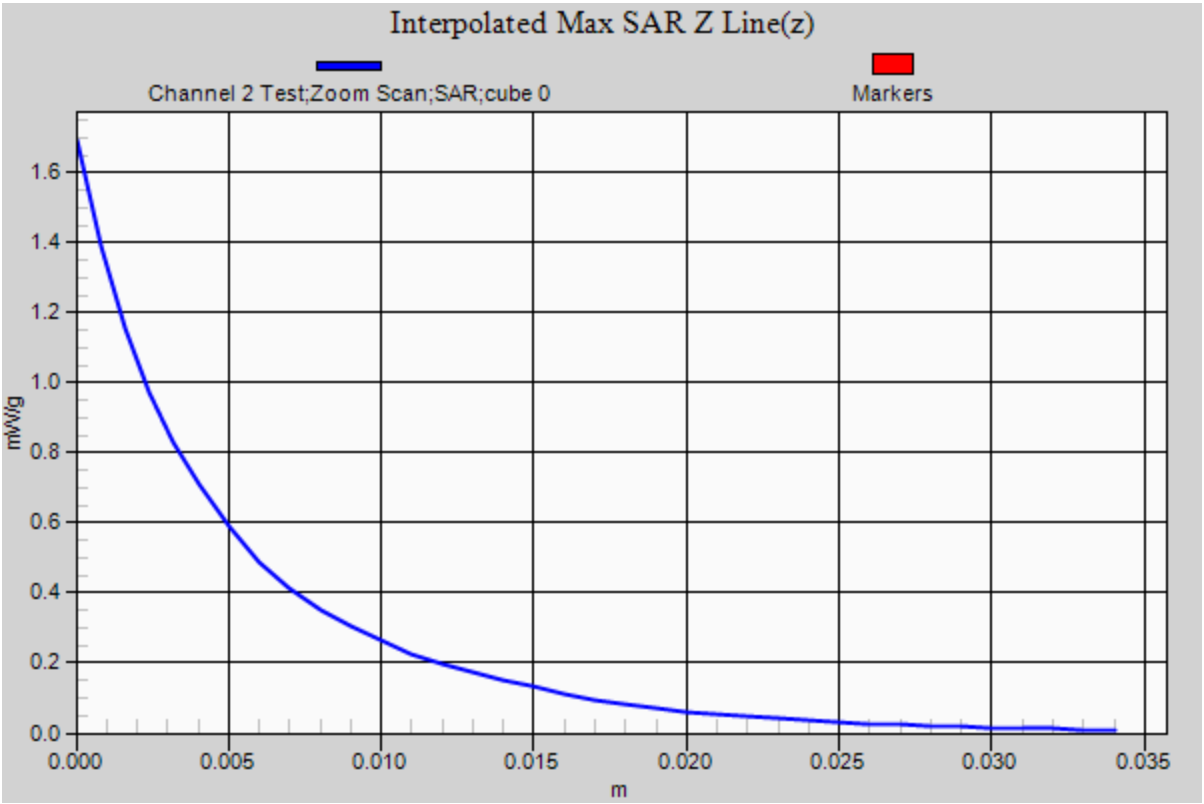
Reference Value = 17.975 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.692 mW/g
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 0.712 mW/g



0 dB = 0.701 mW/g = -3.09 dB mW/g

SAR MEASUREMENT PLOT 1

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.7 Degrees Celsius**
Humidity	**38.0%**



Test Date: 10 August 2012
File Name: M120808 Lap Held OFDM 2450 MHz Antenna A (1) 10-08-12.da52:0
DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600

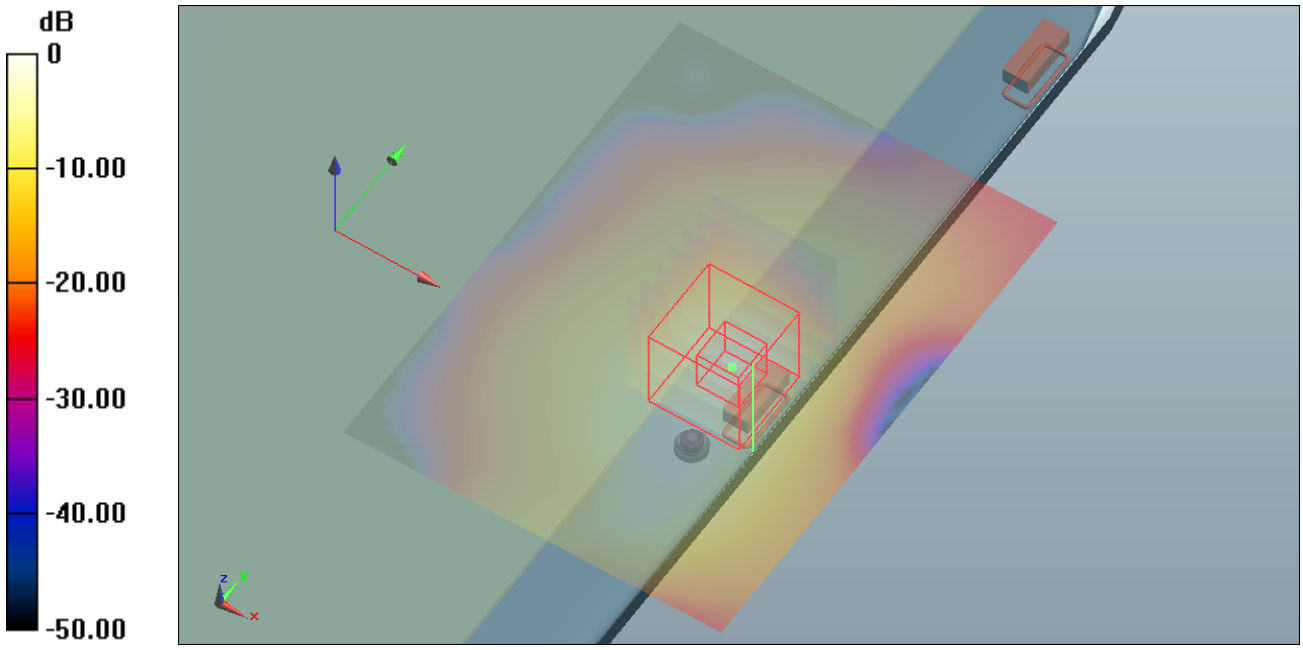
* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2437 MHz; Duty Cycle: 1:12.9778
* Medium parameters used: f = 2436 MHz; σ = 1.891 mho/m; ε_r = 51.282; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011
- Phantom: Flat Phantom 10.1; 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) = 0.578 mW/g

Configuration/Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

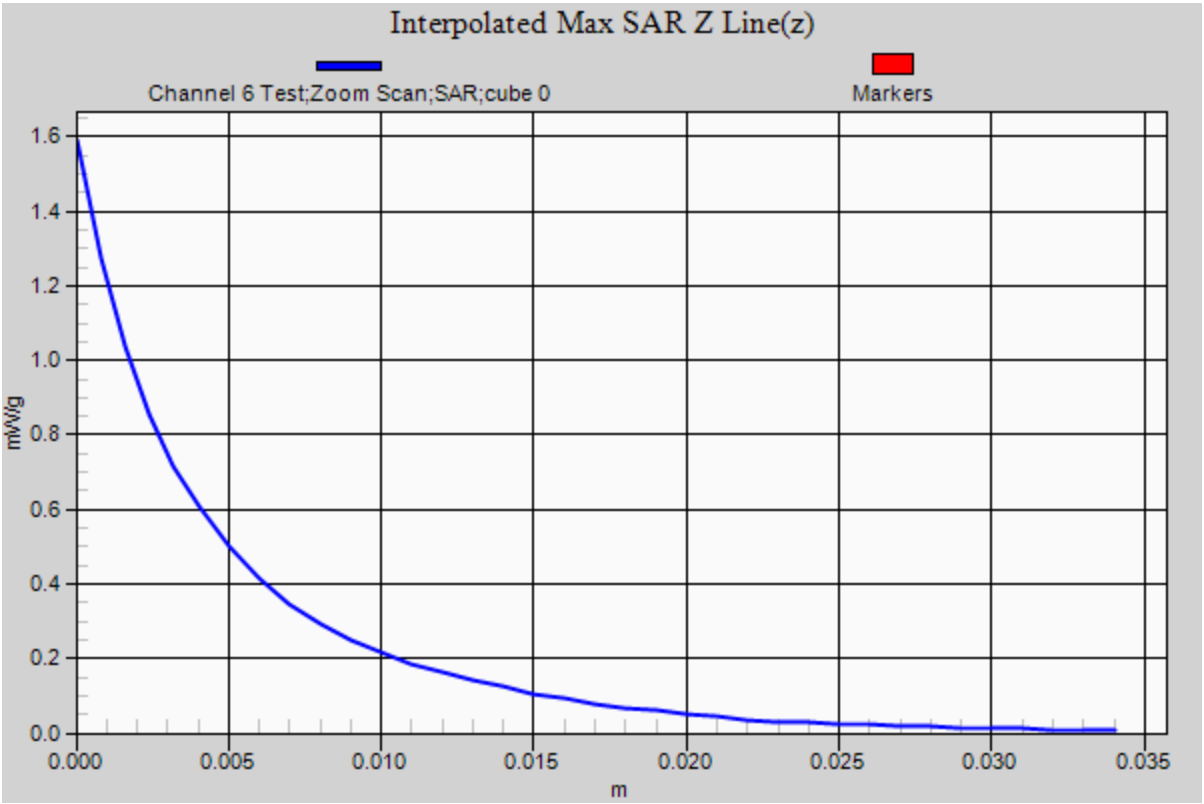
Reference Value = 15.946 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.590 mW/g
SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.625 mW/g



0 dB = 0.578 mW/g = -4.76 dB mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.7 Degrees Celsius**
Humidity	**38.0%**



Test Date: 10 August 2012
File Name: M120808 Lap Held OFDM 2450 MHz Antenna A (1) 10-08-12.da52:0
DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600

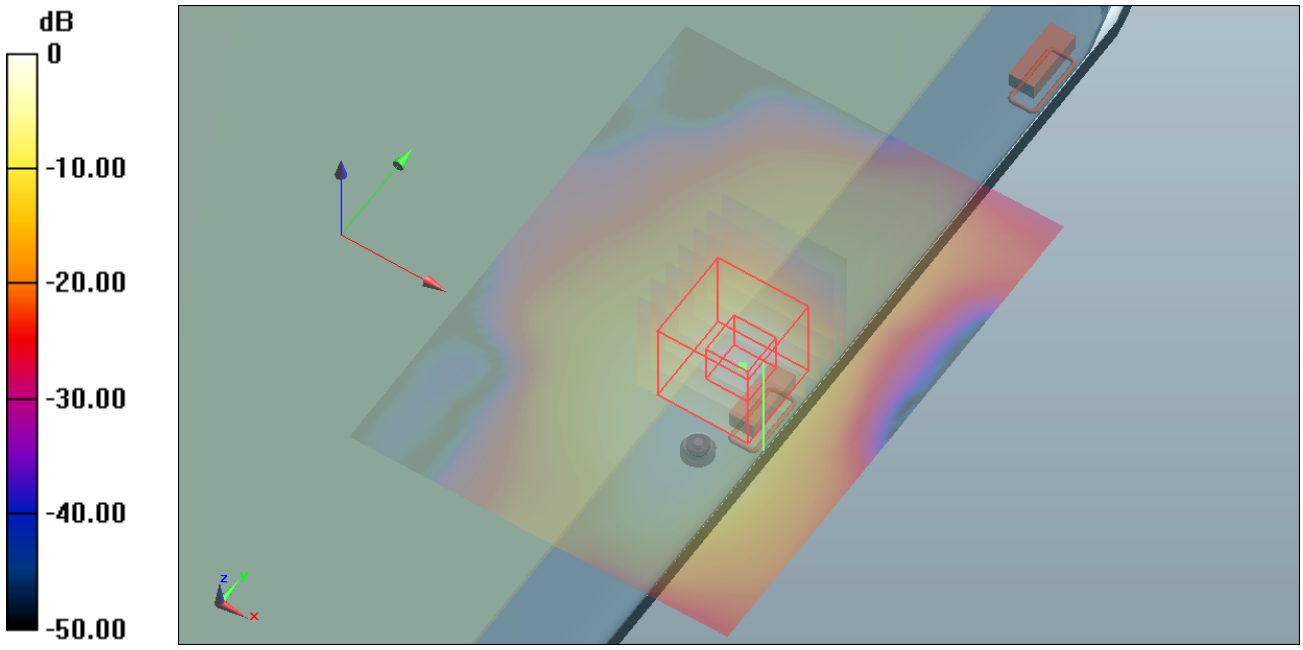
* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2457 MHz; Duty Cycle: 1:12.9778
* Medium parameters used: f = 2456 MHz; σ = 1.921 mho/m; ε_r = 51.189; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011
- Phantom: Flat Phantom 10.1; 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) = 0.690 mW/g

Configuration/Channel 10 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

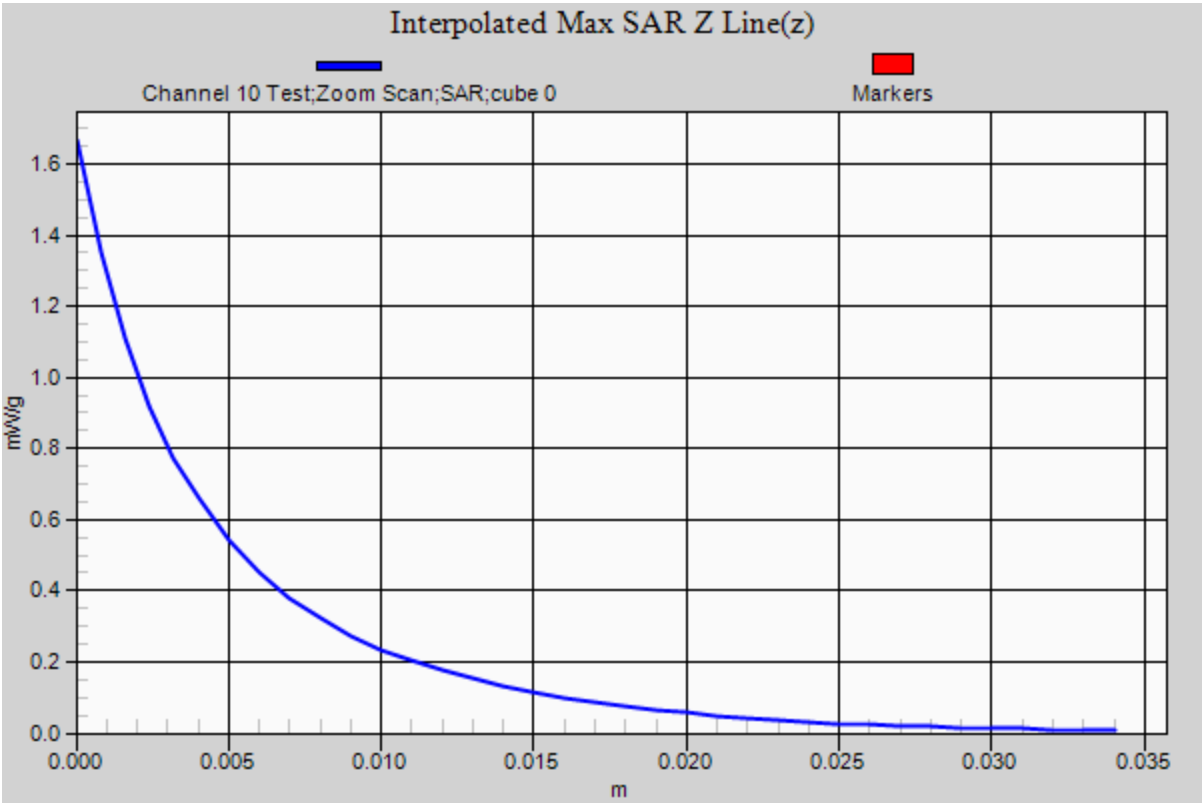
Reference Value = 17.382 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.666 mW/g
SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.223 mW/g
Maximum value of SAR (measured) = 0.650 mW/g



0 dB = 0.690 mW/g = -3.22 dB mW/g

SAR MEASUREMENT PLOT 3

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.7 Degrees Celsius**
Humidity	**38.0%**

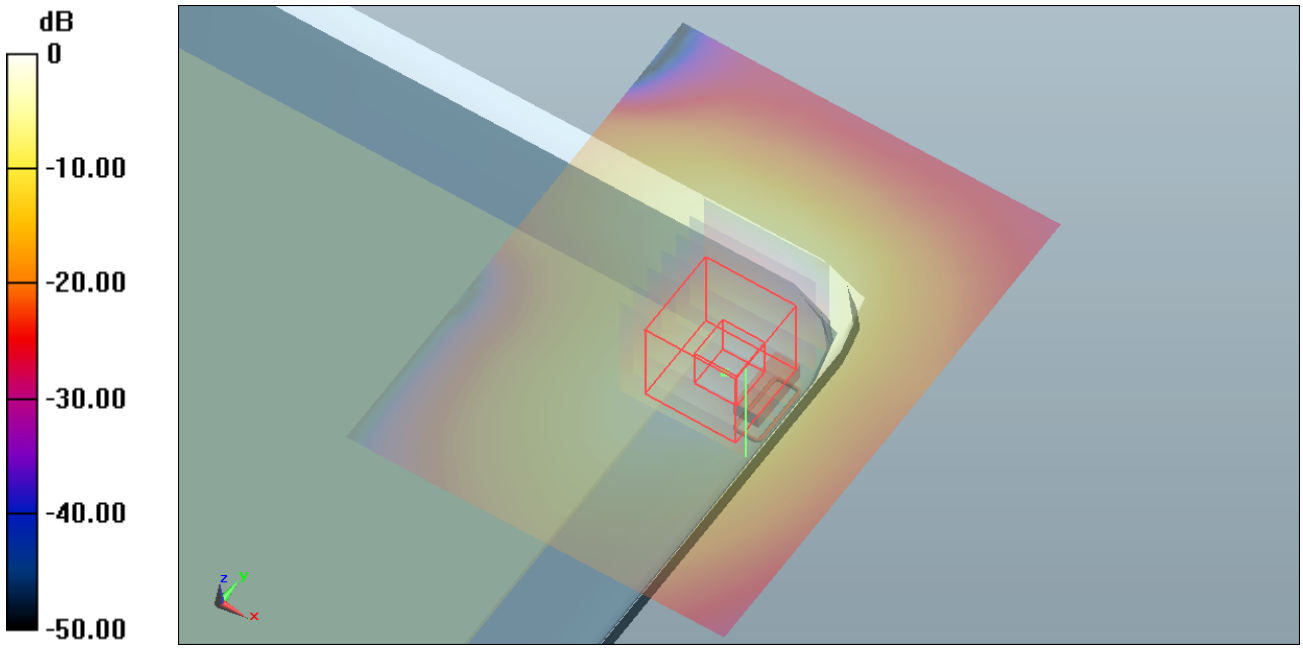


Test Date: 10 August 2012
File Name: M120808 Lap Held OFDM 2450 MHz Antenna B (-1.5dB) (2) 10-08-12.da52:0
DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2417 MHz; Duty Cycle: 1:12.9778
* Medium parameters used: f = 2416 MHz; σ = 1.862 mho/m; ε_r = 51.362; ρ = 1000 kg/m^3
- 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) = 1.04 mW/g

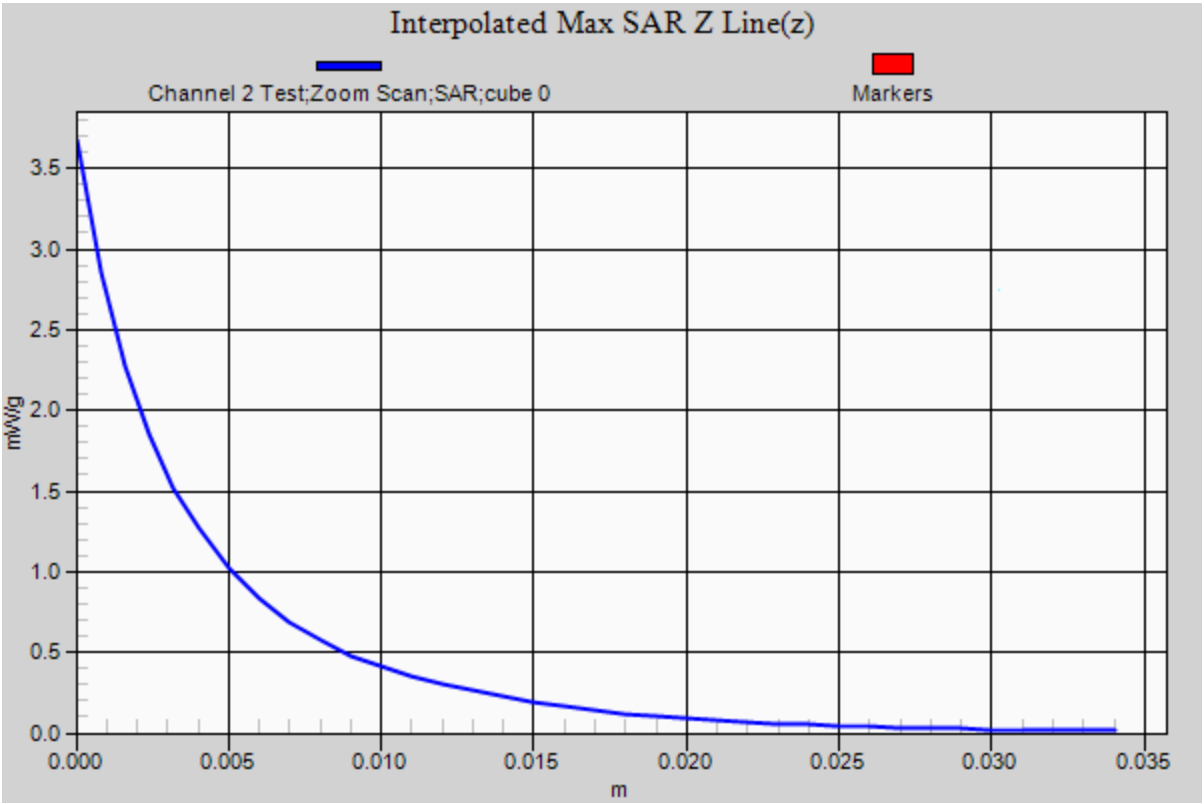
Configuration/Channel 2 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.081 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 3.672 mW/g
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.431 mW/g
Maximum value of SAR (measured) = 1.27 mW/g



0 dB = 1.04 mW/g = 0.34 dB mW/g

SAR MEASUREMENT PLOT 4

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.7 Degrees Celsius**
Humidity	**38.0%**

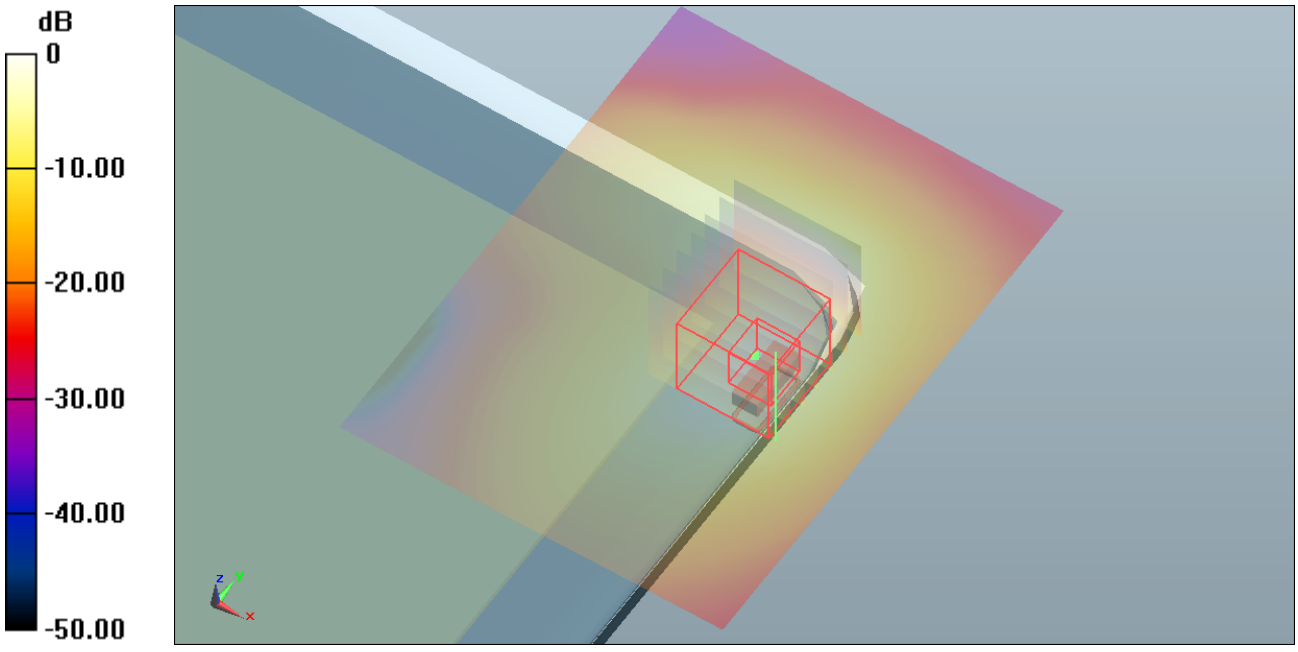


Test Date: 10 August 2012
File Name: M120808 Lap Held OFDM 2450 MHz Antenna B (-1.5dB) (2) 10-08-12.da52:0
DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2437 MHz; Duty Cycle: 1:12.9778
* Medium parameters used: f = 2436 MHz; σ = 1.891 mho/m; ε_r = 51.282; ρ = 1000 kg/m^3
- 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 2/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.32 mW/g

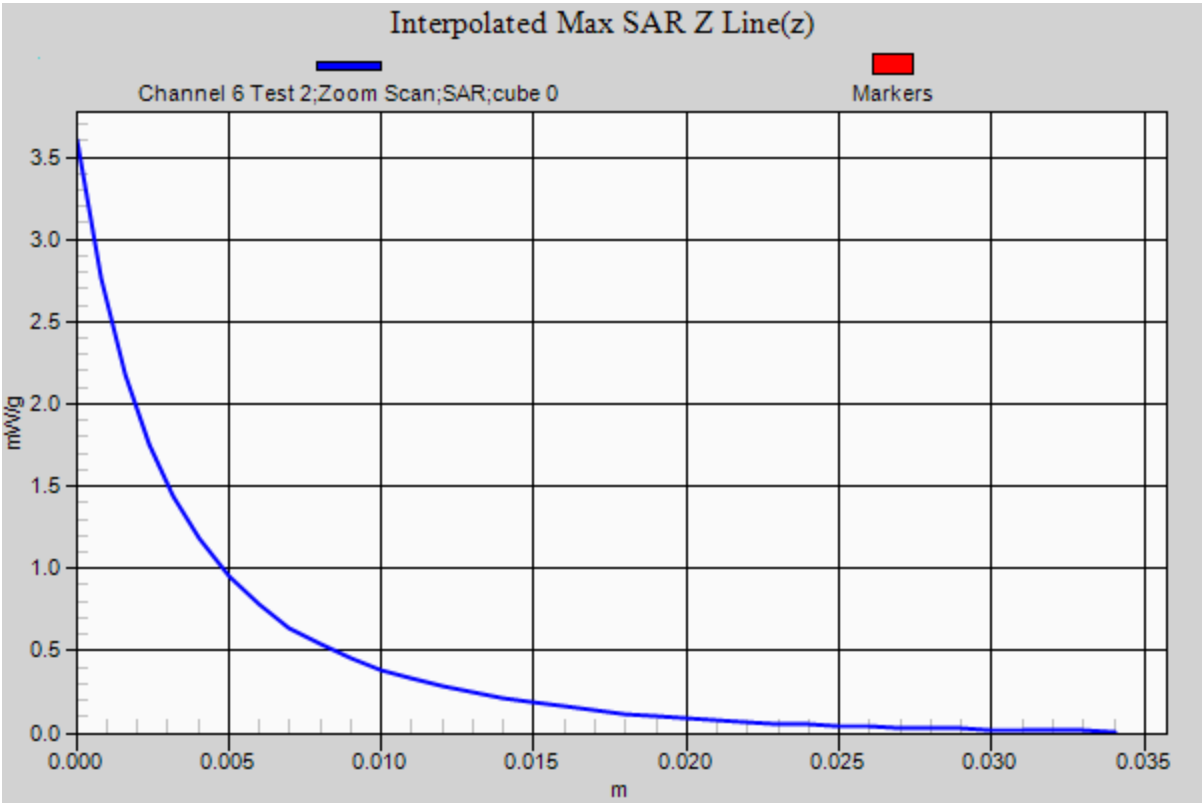
Configuration/Channel 6 Test 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.811 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 3.600 mW/g
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.461 mW/g
Maximum value of SAR (measured) = 1.19 mW/g



0 dB = 1.32 mW/g = 2.41 dB mW/g

SAR MEASUREMENT PLOT 5

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.7 Degrees Celsius**
Humidity	**38.0%**



Test Date: 10 August 2012

File Name: M120808 Lap Held OFDM 2450 MHz Antenna B (-1.5dB) (2) 10-08-12.da52:0

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

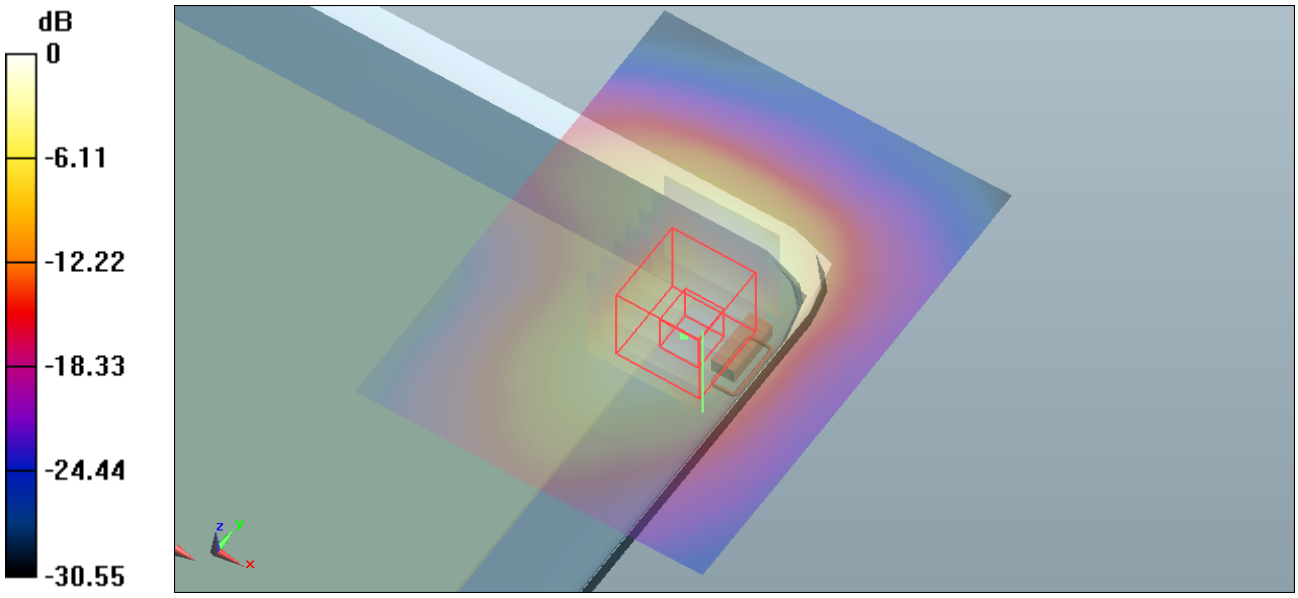
* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2457 MHz; Duty Cycle: 1:12.9778
* Medium parameters used: f = 2456 MHz; σ = 1.921 mho/m; ε_r = 51.189; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011
- Phantom: Flat Phantom 10.1; 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) = 0.979 mW/g

Configuration/Channel 10 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

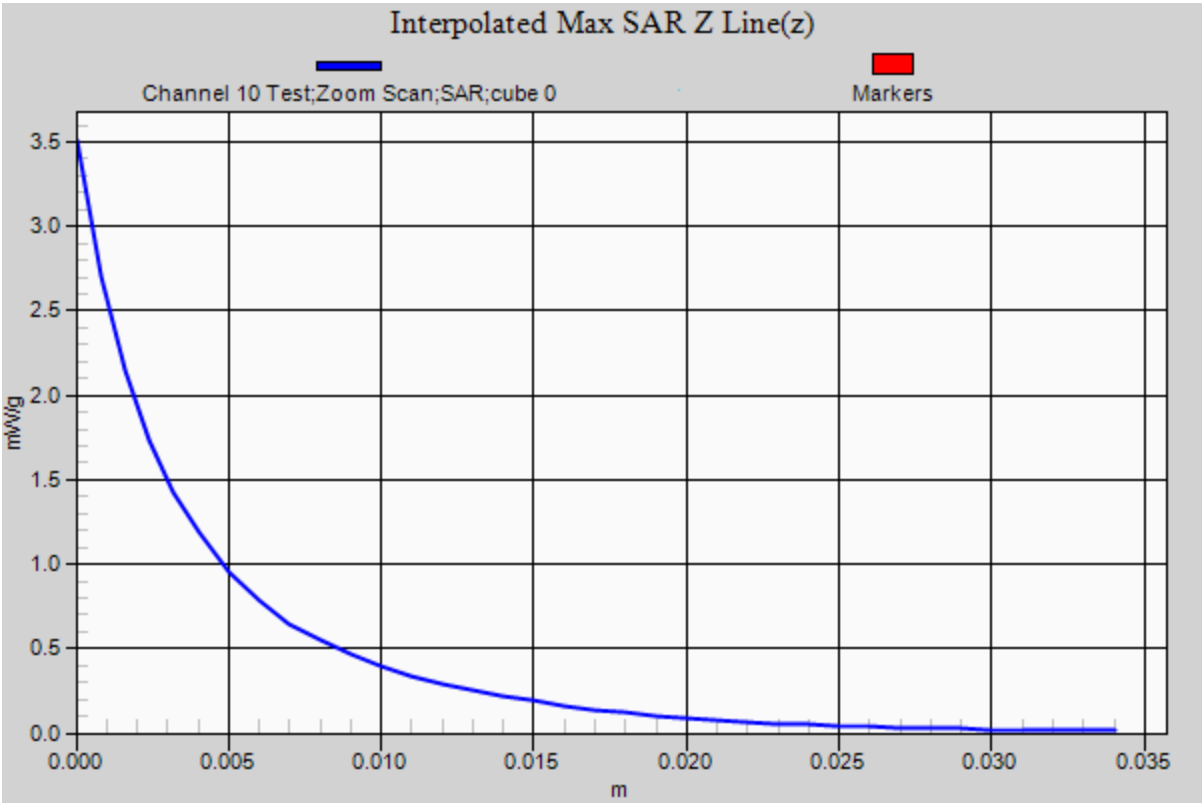
Reference Value = 15.822 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 3.508 mW/g
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.430 mW/g
Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 0.979 mW/g = -0.18 dB mW/g

SAR MEASUREMENT PLOT 6

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.7 Degrees Celsius**
Humidity	**38.0%**

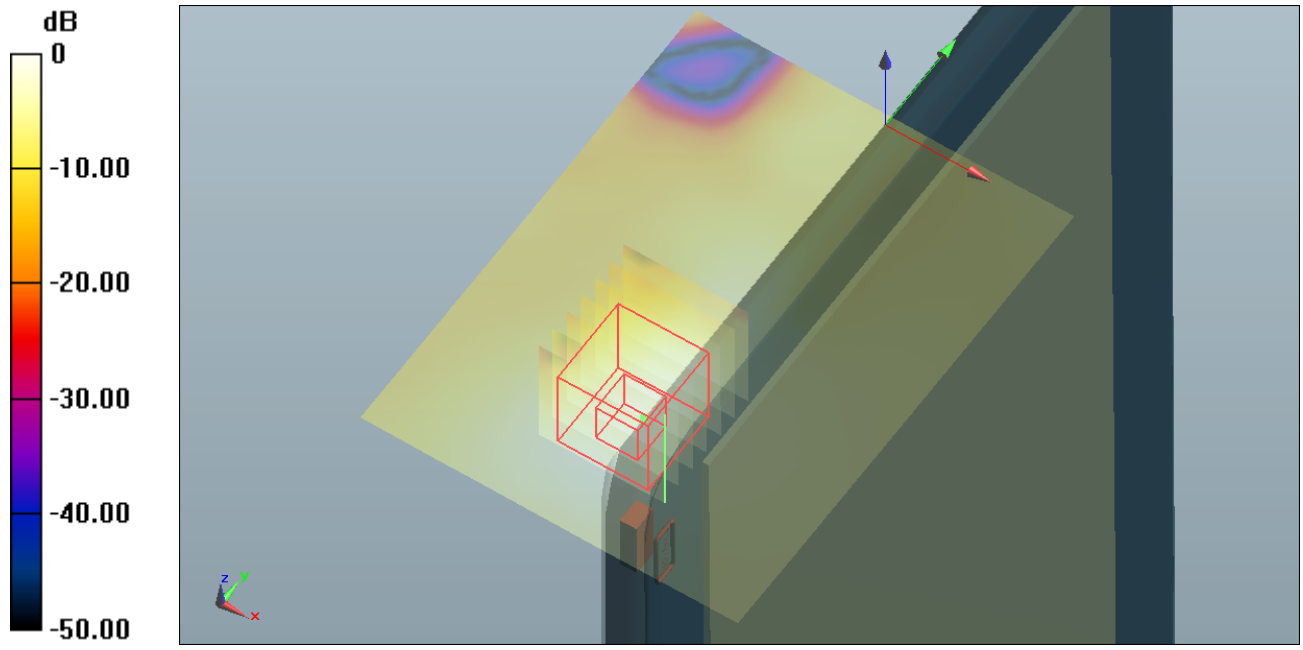


Test Date: 10 August 2012
File Name: M120808 Edge On Primary Portrait OFDM 2450 MHz Antenna A (1) 10-08-12.da52:0
DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2437 MHz; Duty Cycle: 1:12.9778
* Medium parameters used: f = 2436 MHz; σ = 1.891 mho/m; ε_r = 51.282; ρ = 1000 kg/m^3
- 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) = 0.0265 mW/g

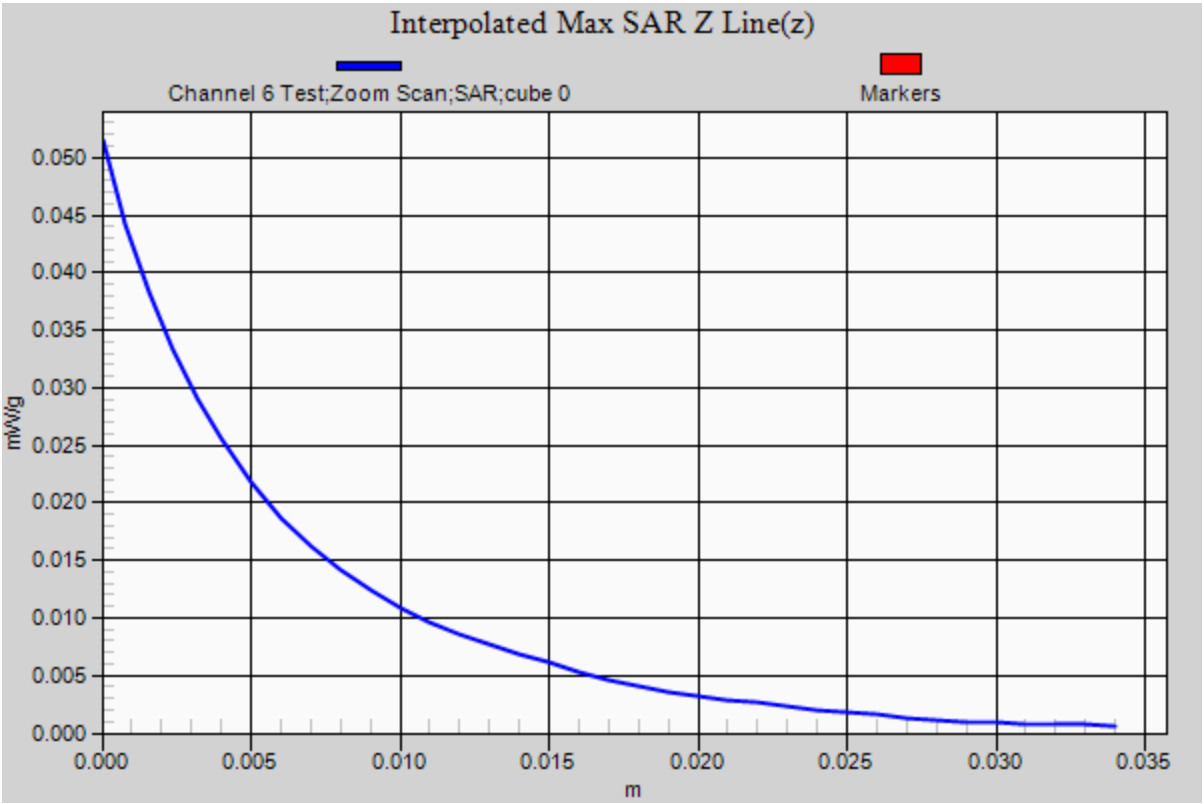
Configuration/Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.835 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.051 mW/g
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.0259 mW/g



0 dB = 0.0265 mW/g = -31.54 dB mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.7 Degrees Celsius**
Humidity	**38.0%**



Test Date: 10 August 2012

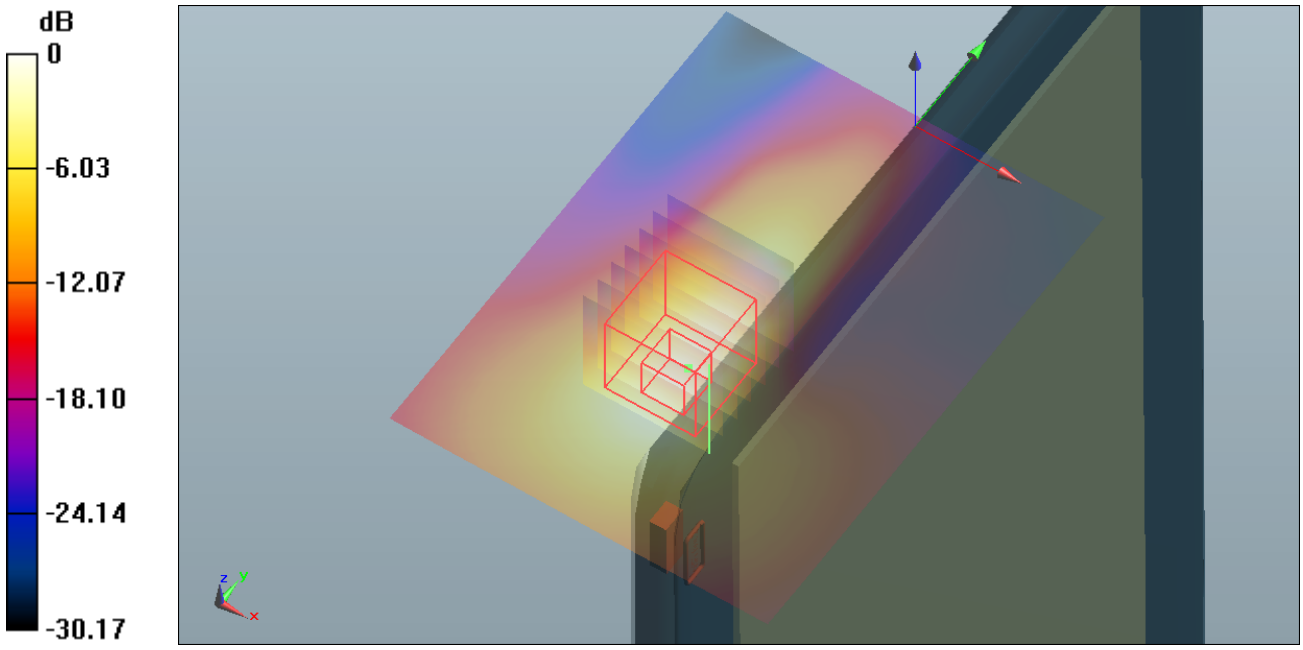
File Name: M120808 Edge On Primary Portrait OFDM 2450 MHz Antenna B (2) 10-08-12.da52:0

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

* Communication System: OFDM 2450 MHz 6 Mbs; Frequency: 2437 MHz; Duty Cycle: 1:12.9778
* Medium parameters used: f = 2436 MHz; σ = 1.891 mho/m; ε_r = 51.282; ρ = 1000 kg/m^3
- 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) = 0.547 mW/g

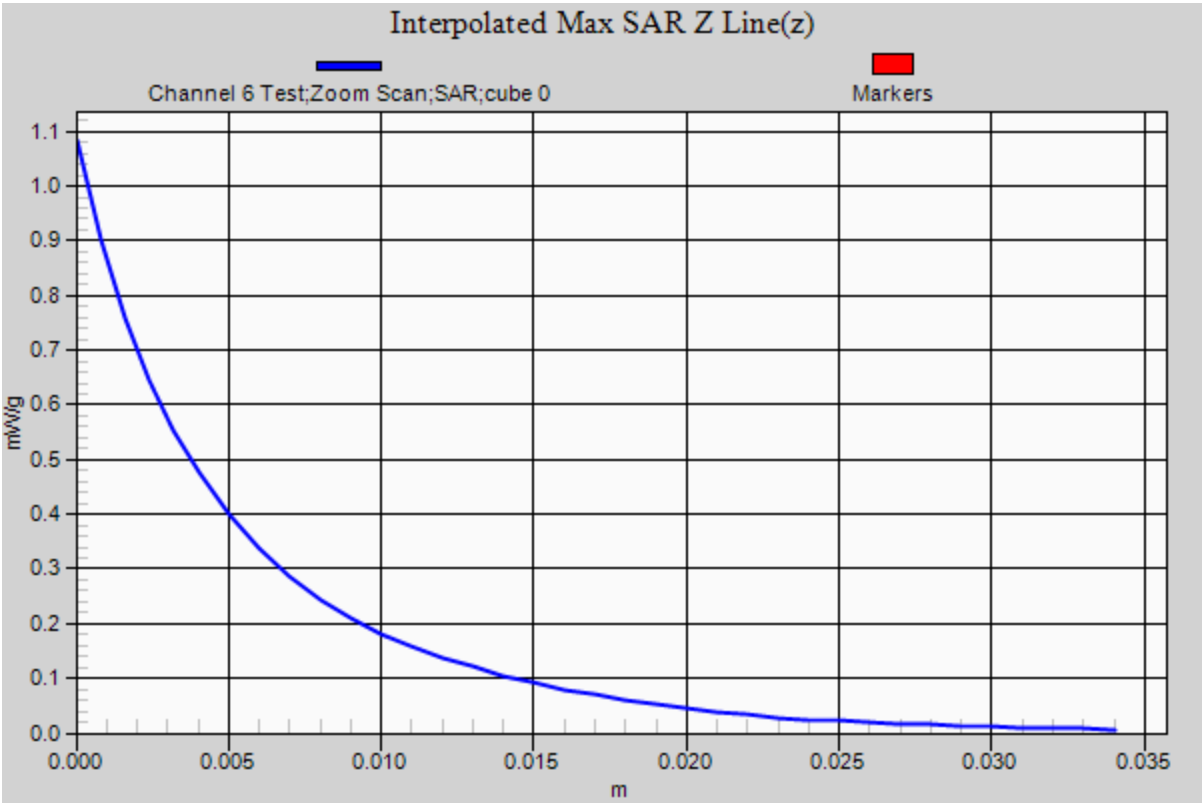
Configuration/Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.278 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.083 mW/g
SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.199 mW/g
Maximum value of SAR (measured) = 0.478 mW/g



0 dB = 0.547 mW/g = -5.24 dB mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.7 Degrees Celsius**
Humidity	**38.0%**



Test Date: 10 August 2012
File Name: System Check 2450 MHz 10-08-12 Body.da52:0
DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

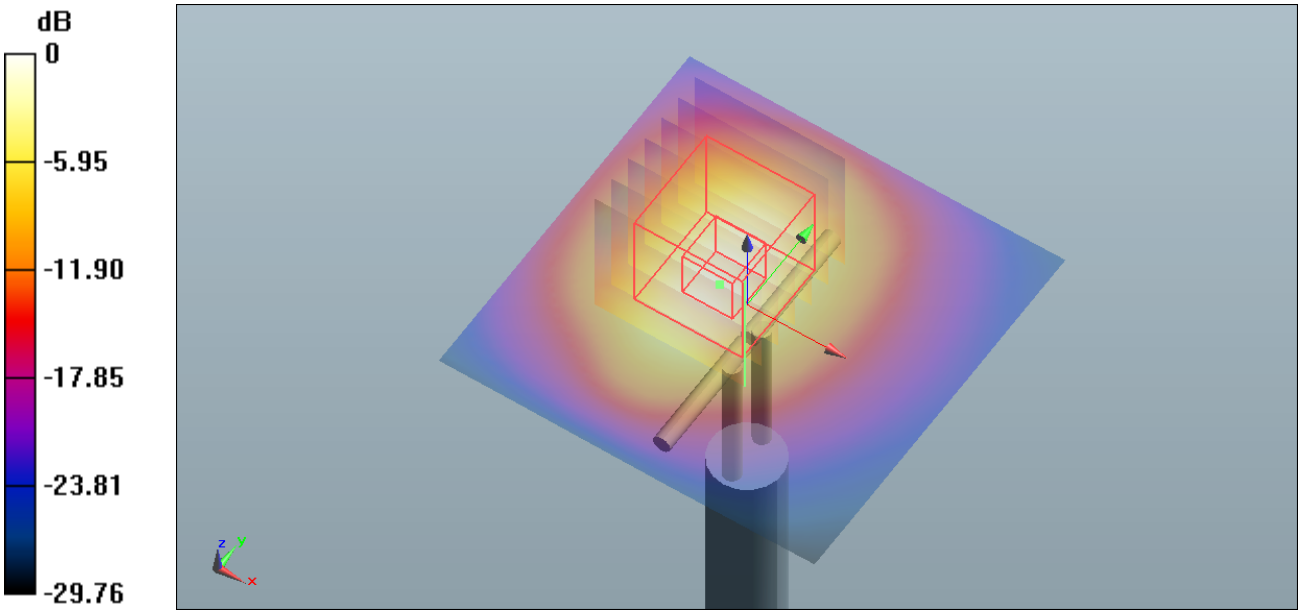
* Communication System: CW 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2450 MHz; σ = 1.913 mho/m; ε_r = 51.214; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.15, 4.15, 4.15); Calibrated: 12/12/2011
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

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

Maximum value of SAR (interpolated) = 17.0 mW/g

Configuration/Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 85.037 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 32.418 mW/g
SAR(1 g) = 14.2 mW/g; SAR(10 g) = 6.65 mW/g
Maximum value of SAR (measured) = 15.6 mW/g



0 dB = 17.0 mW/g = 24.61 dB mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature	**20.9 Degrees Celsius**
Liquid Temperature	**20.7 Degrees Celsius**
Humidity	**38.0%**