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 19 2450 MHz SAR Measurement Plot Numbers

Test Position	Plot No.	Test Channel
Lap Held	1	40
Edge On Primary Landscape	2	40
Edge On Primary Portrait	3	40
Edge On Secondary Portrait	4	40
Edge On Secondary Landscape	5	01
	6	40
	7	79

Table 20 2450MHz System verification Plot

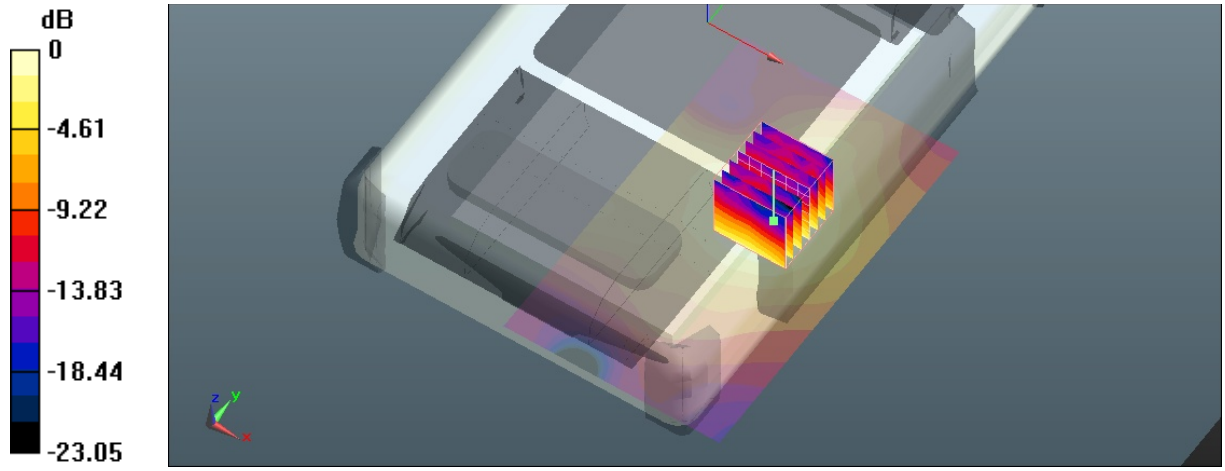
Plot 8	System verification 2450 MHz 26 August 2011
Plot 9	System verification 2450 MHz 01 September 2011

Test Date: 26 August 2011
File Name: M110841 2450 MHz Bluetooth (DH5) Lap Held (DAE442 Probe1380) 26-08-11.da52:0
DUT: Handheld Group Tablet PC; Type: CC61; Serial: Pre-production sample

* Communication System: Bluetooth 2.0 DH5; Frequency: 2441 MHz; Duty Cycle: 1:2.5704
* Medium parameters used: f = 2440 MHz; σ = 1.961 mho/m; ε_r = 51.315; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 40 Test/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.046 mW/g

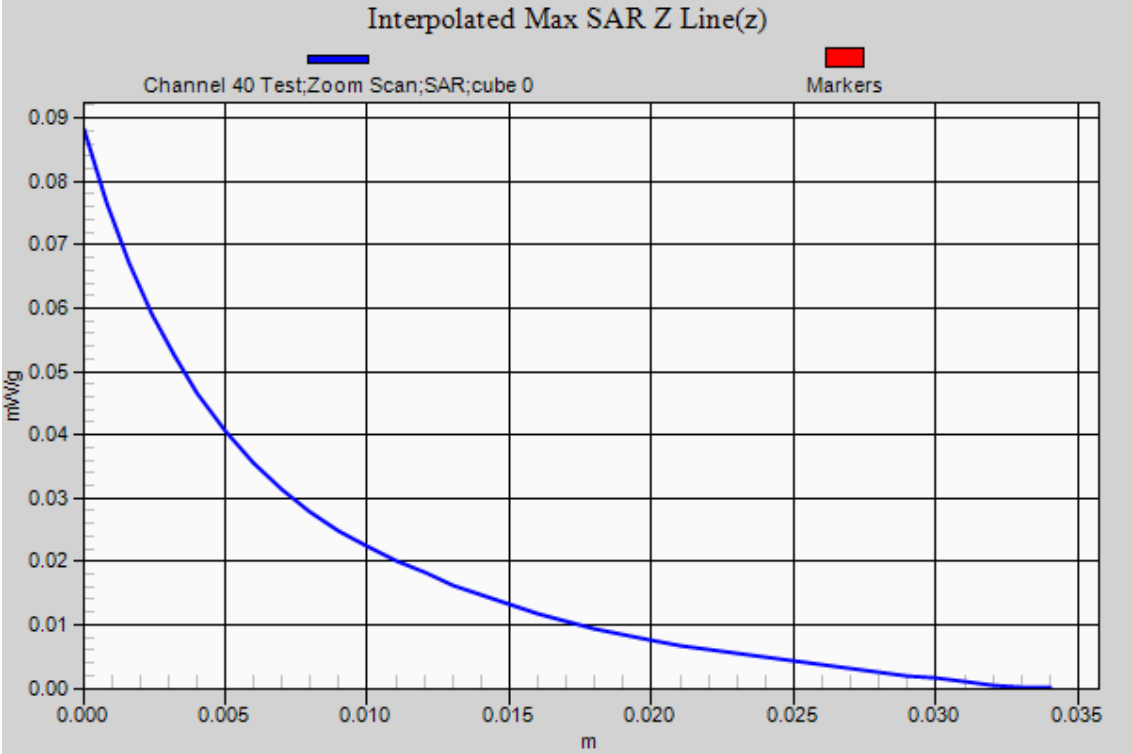
Configuration/Channel 40 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.666 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.088 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.047 mW/g



0 dB = 0.050mW/g

SAR MEASUREMENT PLOT 1

Ambient Temperature	**19.8 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**48%**



Test Date: 26 August 2011
File Name: M110841 2450 MHz Bluetooth (DH5) Primary Landscape (DAE442 Probe1380) 26-08-11.da52:0
DUT: Handheld Group Tablet PC; Type: CC61; Serial: Pre-production sample

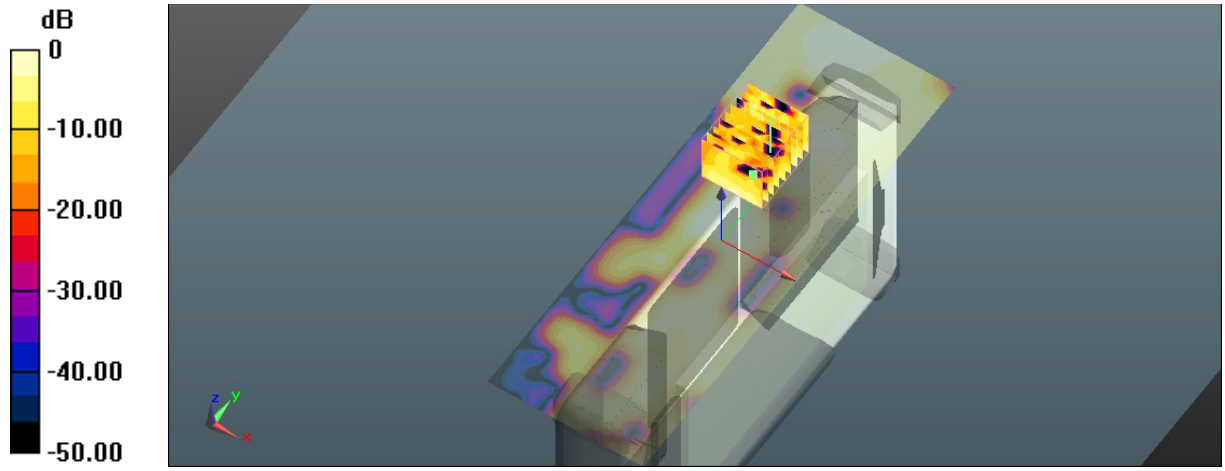
* Communication System: Bluetooth 2.0 DH5; Frequency: 2441 MHz; Duty Cycle: 1:2.5704
* Medium parameters used: f = 2440 MHz; σ = 1.961 mho/m; ε_r = 51.315; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 40 Test/Area Scan (61x181x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.011 mW/g

Configuration/Channel 40 Test/Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

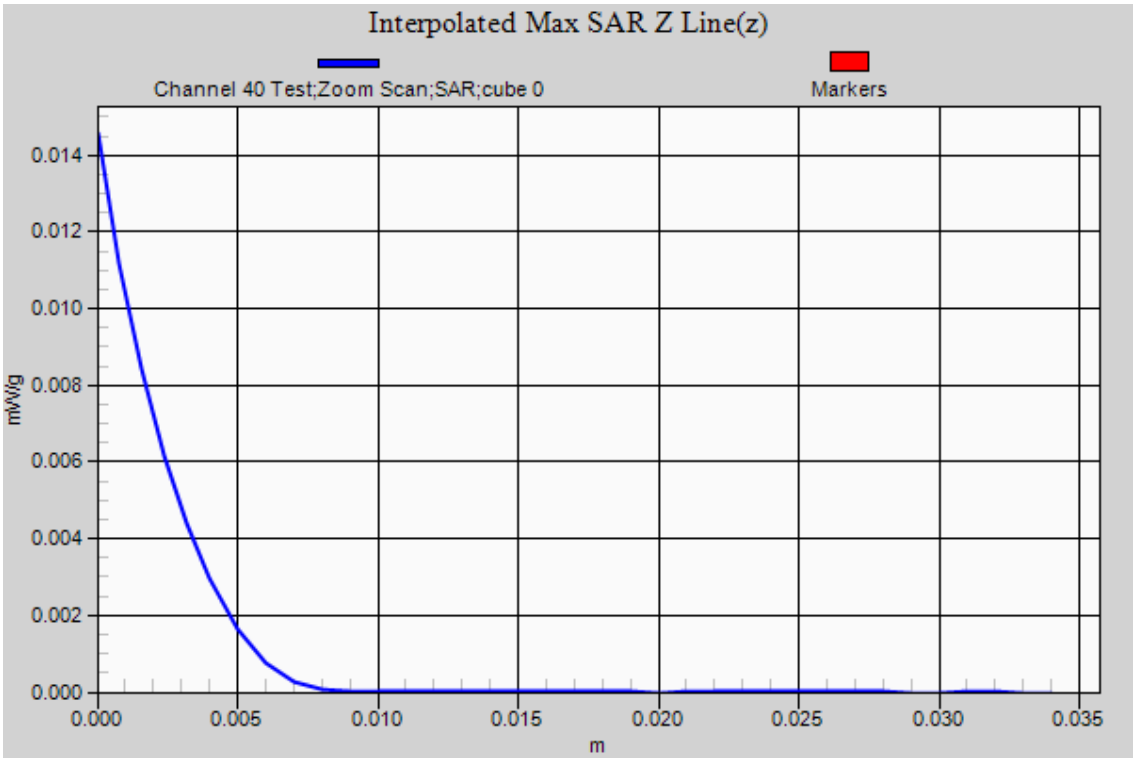
Reference Value = 1.568 V/m; Power Drift = -0.48 dB
Peak SAR (extrapolated) = 0.015 W/kg
SAR(1 g) = 0.00468 mW/g; SAR(10 g) = 0.00223 mW/g
Maximum value of SAR (measured) = 0.00528 mW/g



0 dB = 0.0053mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature	**19.8 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**48%**



Test Date: 26 August 2011
File Name: M110841 2450 MHz Bluetooth (DH5) Primary Portrait (DAE442 Probe1380) 26-08-11.da52:0
DUT: Handheld Group Tablet PC; Type: CC61; Serial: Pre-production sample

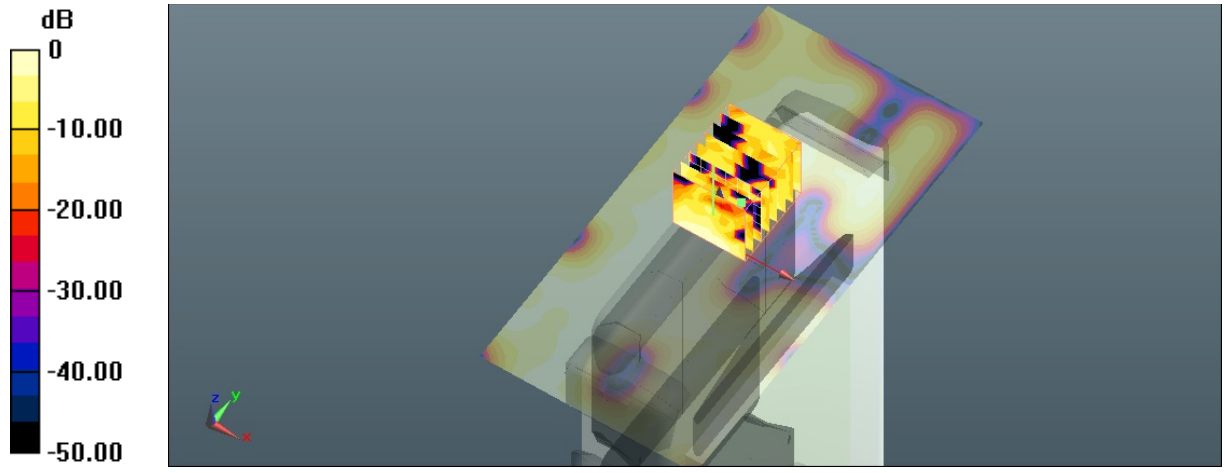
* Communication System: Bluetooth 2.0 DH5; Frequency: 2441 MHz; Duty Cycle: 1:2.5704
* Medium parameters used: f = 2440 MHz; σ = 1.961 mho/m; ε_r = 51.315; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 40 Test/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.00537 mW/g

Configuration/Channel 40 Test/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

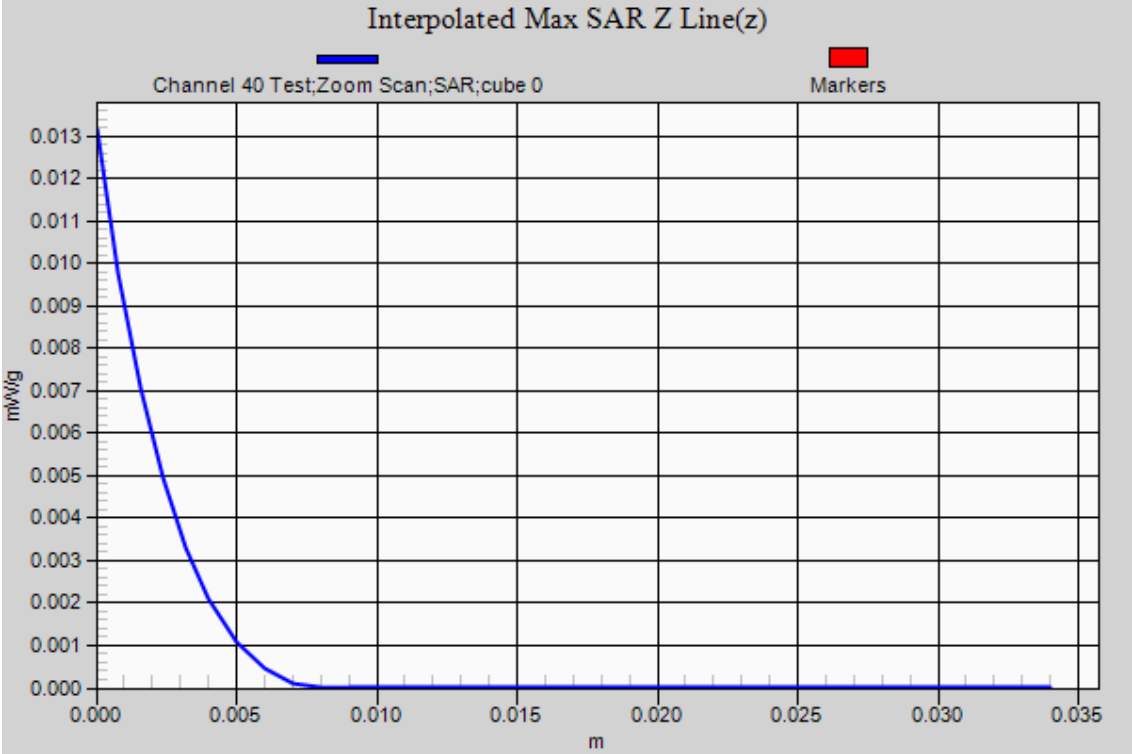
Reference Value = 1.133 V/m; Power Drift = -0.22 dB
Peak SAR (extrapolated) = 0.013 W/kg
SAR(1 g) = 0.00294 mW/g; SAR(10 g) = 0.00127 mW/g
Maximum value of SAR (measured) = 0.00372 mW/g



0 dB = 0.0037mW/g

SAR MEASUREMENT PLOT 3

Ambient Temperature	**19.8 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**48%**



Test Date: 26 August 2011
File Name: M110841 2450 MHz Bluetooth (DH5) Sec Portrait (DAE442 Probe1380) 26-08-11.da52:0
DUT: Handheld Group Tablet PC; Type: CC61; Serial: Pre-production sample

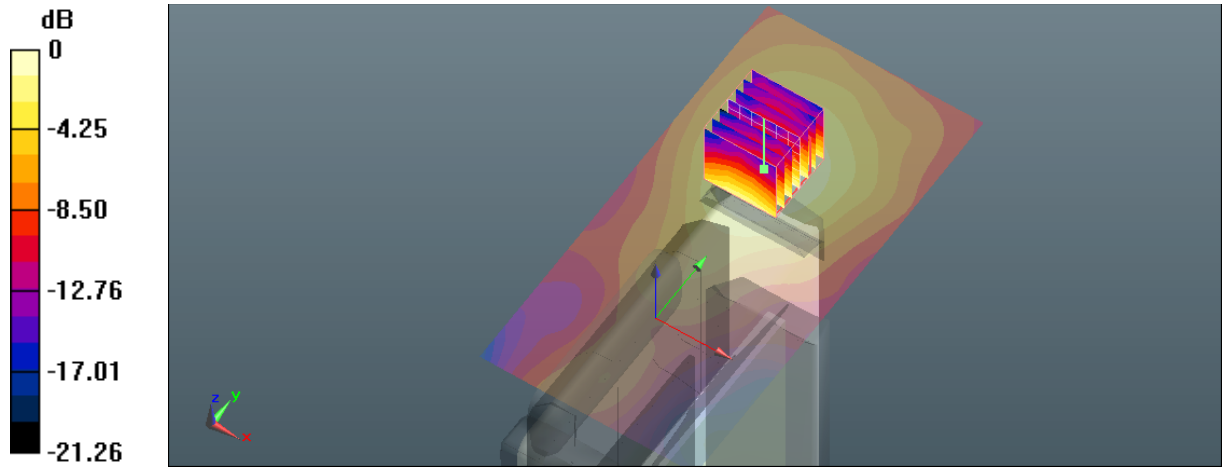
* Communication System: Bluetooth 2.0 DH5; Frequency: 2441 MHz; Duty Cycle: 1:2.5704
* Medium parameters used: f = 2440 MHz; σ = 1.961 mho/m; ε_r = 51.315; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 40 Test/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.052 mW/g

Configuration/Channel 40 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

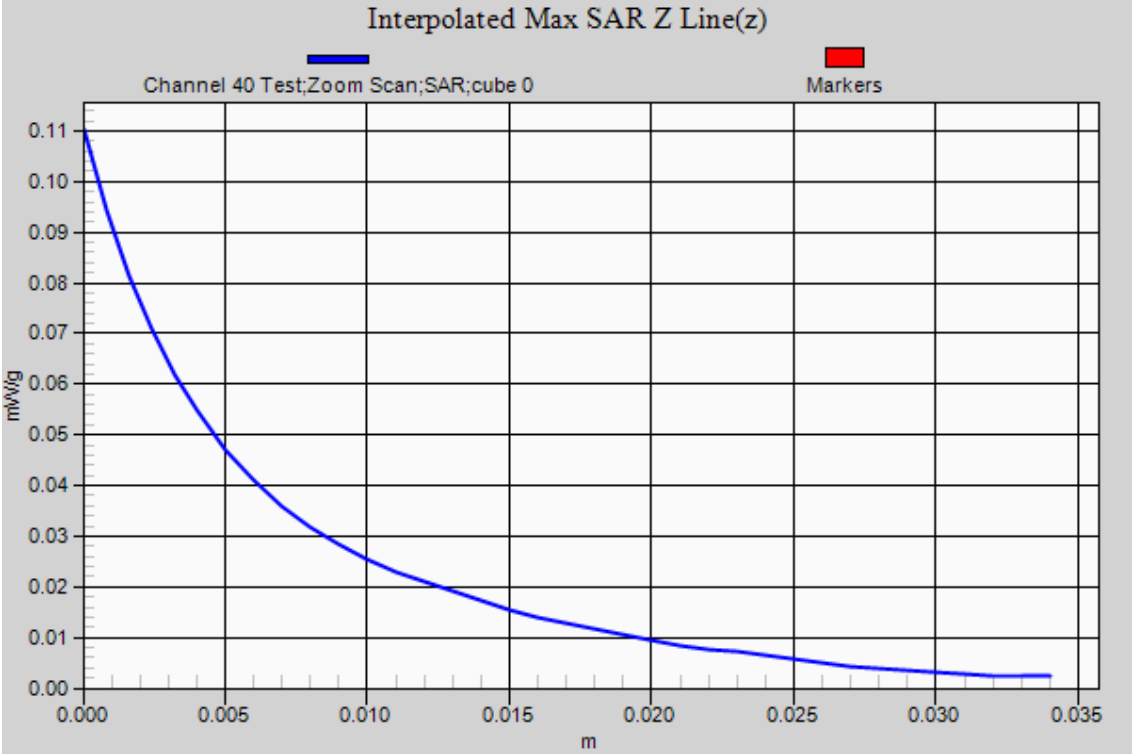
Reference Value = 5.199 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.055 mW/g



0 dB = 0.050mW/g

SAR MEASUREMENT PLOT 4

Ambient Temperature	**19.8 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**48%**



Test Date: 1 September 2011
File Name: M110841 2450 MHz Bluetooth (DH5) Sec Land -1.5dB (DAE442 Probe1380) 01-09-11.da52:0
DUT: Handheld Group Tablet PC; Type: CC61; Serial: Pre-production sample

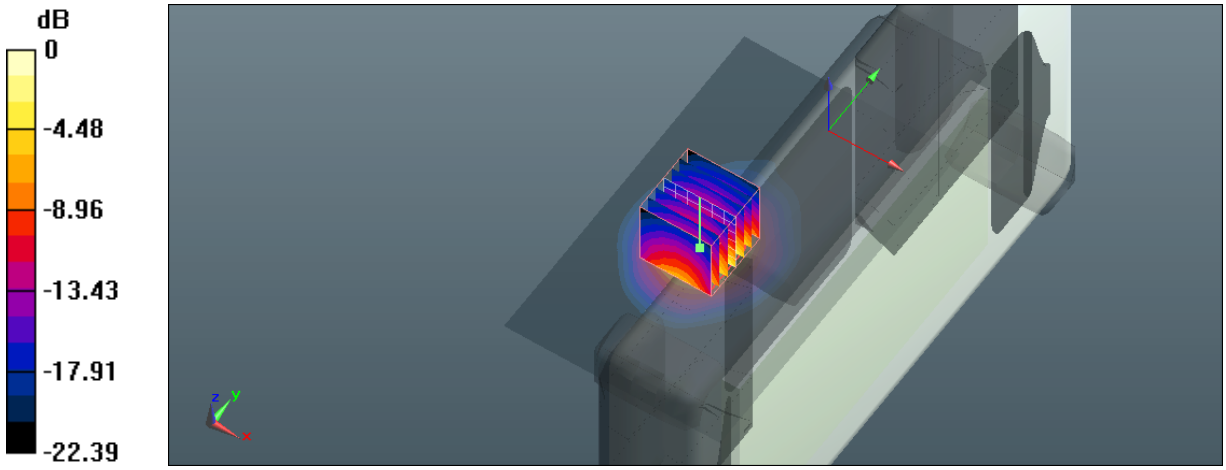
* Communication System: Bluetooth 2.0 DH5; Frequency: 2402 MHz; Duty Cycle: 1:2.5704
* Medium parameters used: f = 2402 MHz; σ = 1.875 mho/m; ε_r = 51.341; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 1 Test/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.860 mW/g

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

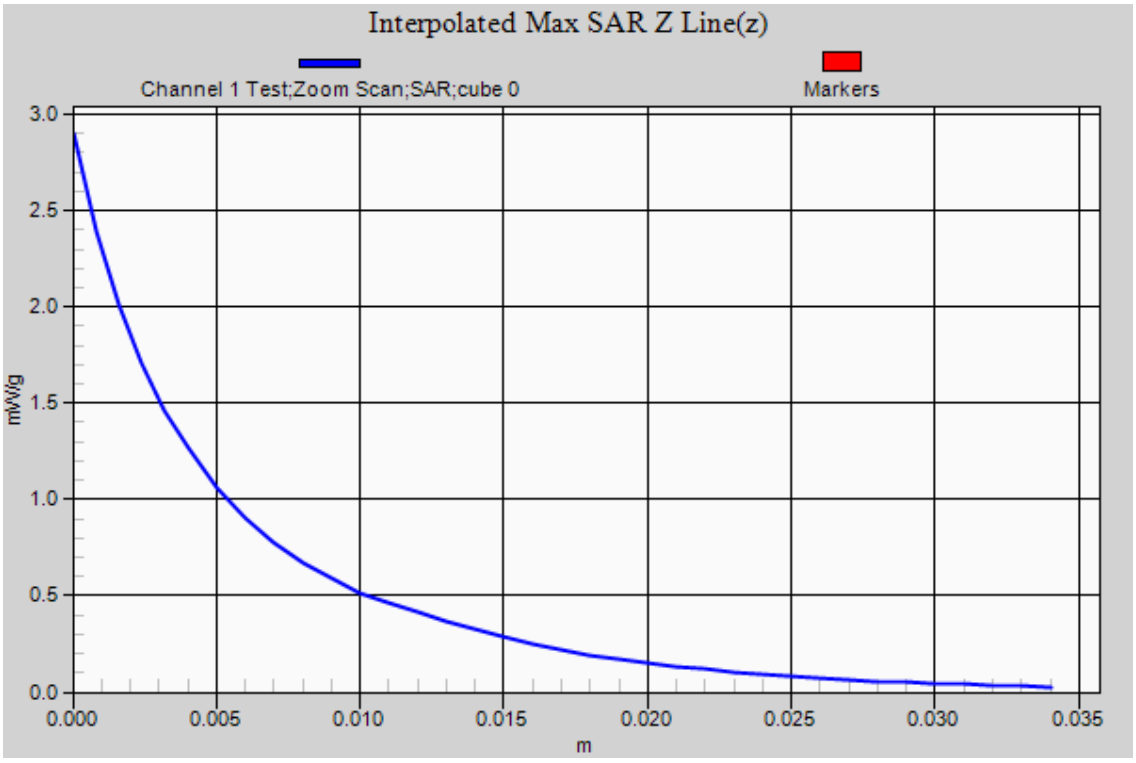
Reference Value = 6.926 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 2.899 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.493 mW/g
Maximum value of SAR (measured) = 1.230 mW/g



0 dB = 1.230mW/g

SAR MEASUREMENT PLOT 5

Ambient Temperature	**20.5 Degrees Celsius**
Liquid Temperature	**20.3 Degrees Celsius**
Humidity	**45%**

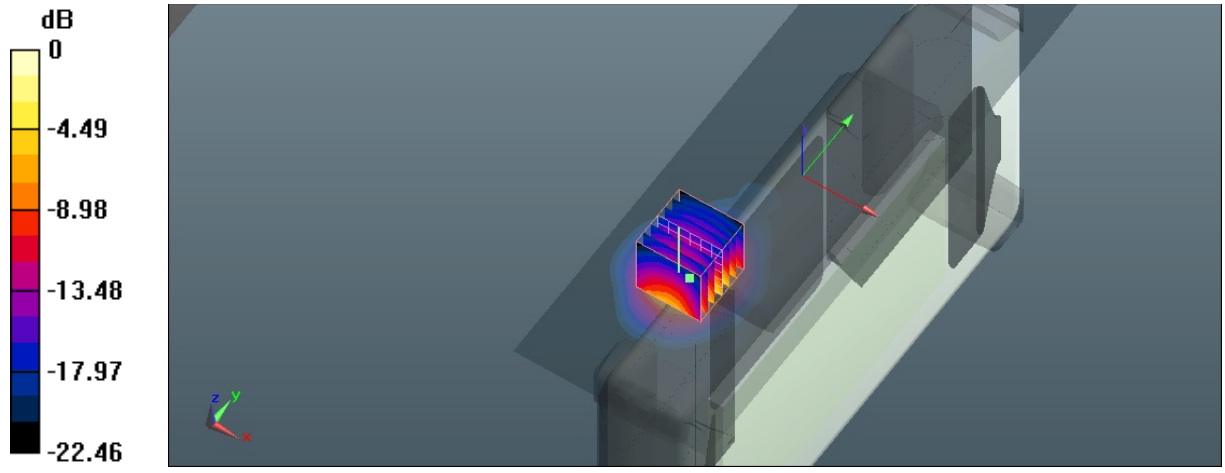


Test Date: 26 August 2011
File Name: M110841 2450 MHz Bluetooth (DH5) Sec Landscape (DAE442 Probe1380) 26-08-11.da52:0
DUT: Handheld Group Tablet PC; Type: CC61; Serial: Pre-production sample

* Communication System: Bluetooth 2.0 DH5; Frequency: 2441 MHz; Duty Cycle: 1:2.5704
* Medium parameters used: f = 2440 MHz; σ = 1.961 mho/m; ε_r = 51.315; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 40 Test/Area Scan (61x181x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.035 mW/g

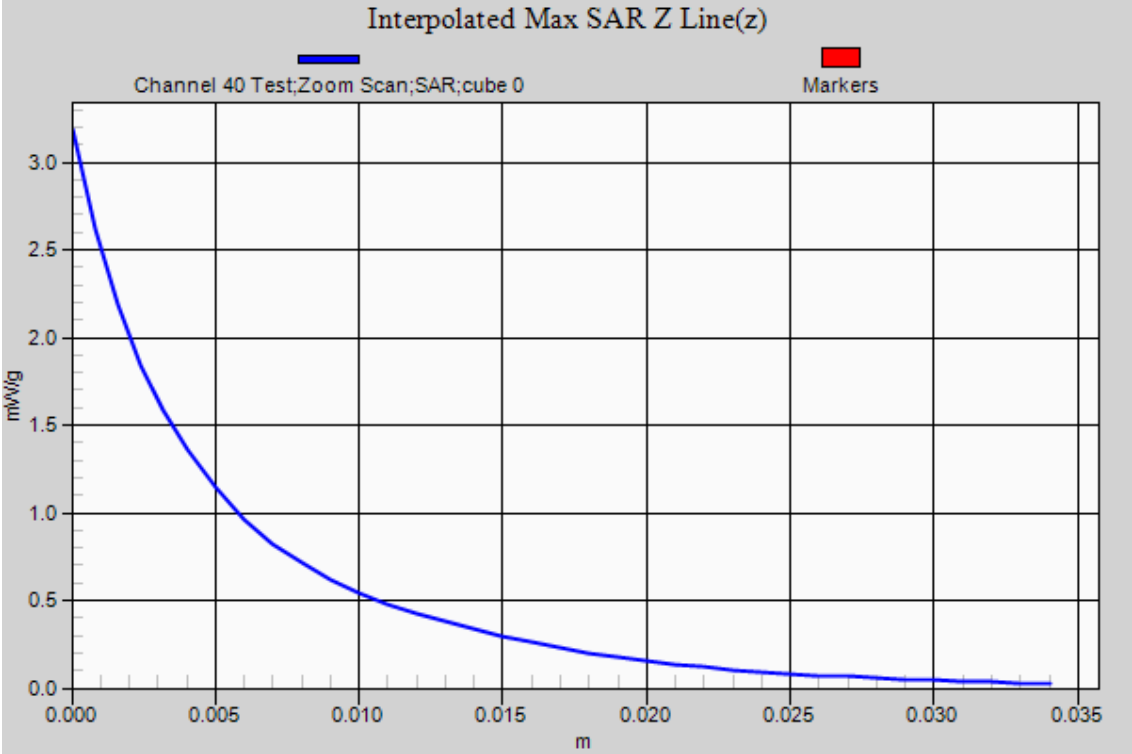
Configuration/Channel 40 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.961 V/m; Power Drift = 0.0051 dB
Peak SAR (extrapolated) = 3.186 W/kg
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.526 mW/g
Maximum value of SAR (measured) = 1.301 mW/g



0 dB = 1.300mW/g

SAR MEASUREMENT PLOT 6

Ambient Temperature	**19.8 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**48%**

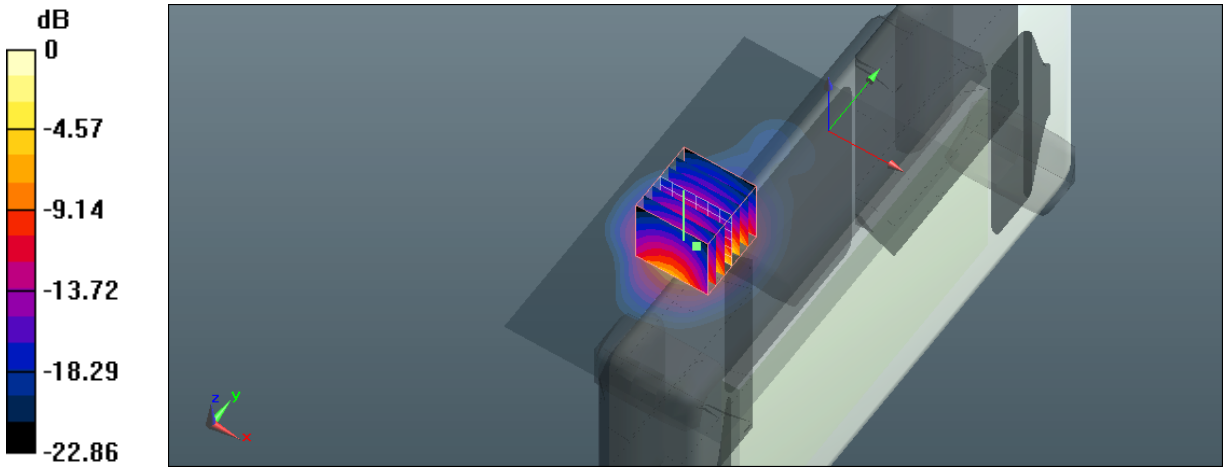


Test Date: 1 September 2011
File Name: M110841 2450 MHz Bluetooth (DH5) Sec Land -1.5dB (DAE442 Probe1380) 01-09-11.da52:0
DUT: Handheld Group Tablet PC; Type: CC61; Serial: Pre-production sample

* Communication System: Bluetooth 2.0 DH5; Frequency: 2480 MHz; Duty Cycle: 1:2.5704
* Medium parameters used: f = 2480 MHz; σ = 1.993 mho/m; ε_r = 50.858; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Configuration/Channel 79 Test/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.866 mW/g

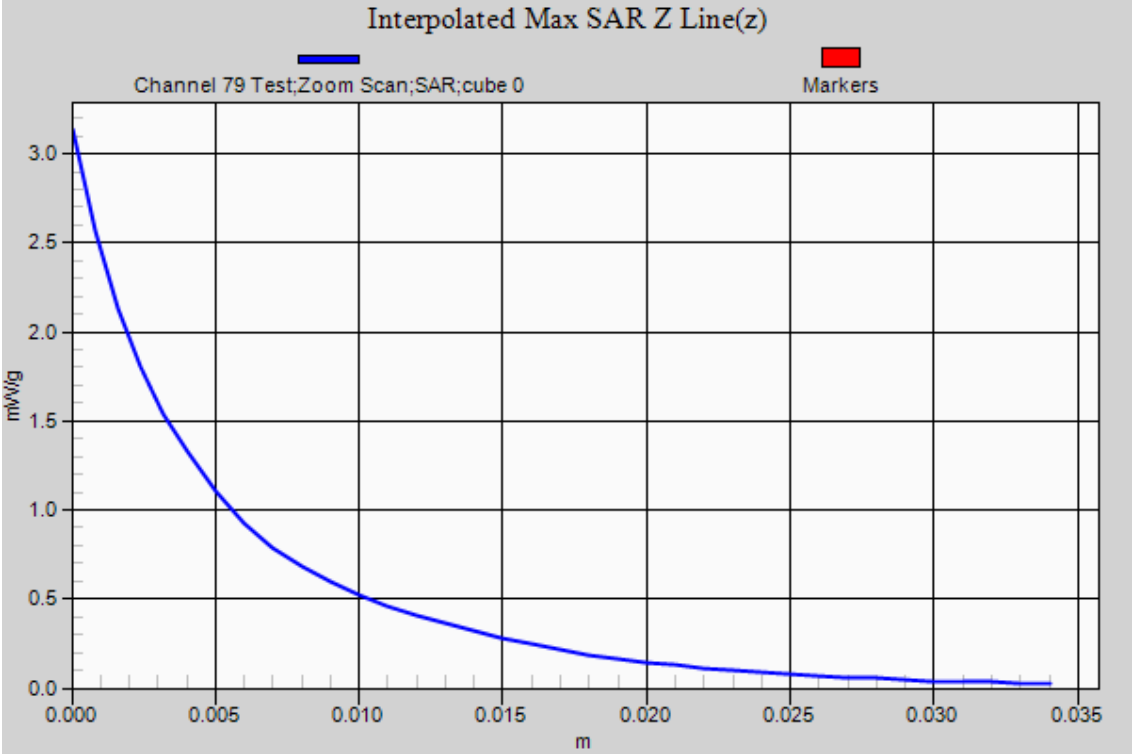
Configuration/Channel 79 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.983 V/m; Power Drift = -0.37 dB
Peak SAR (extrapolated) = 3.136 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.503 mW/g
Maximum value of SAR (measured) = 1.324 mW/g



0 dB = 1.320mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature	**20.5 Degrees Celsius**
Liquid Temperature	**20.3 Degrees Celsius**
Humidity	**45%**



Test Date: 26 August 2011
File Name: M110841 System Check 2450 MHz 26-08-11.da52:0
DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

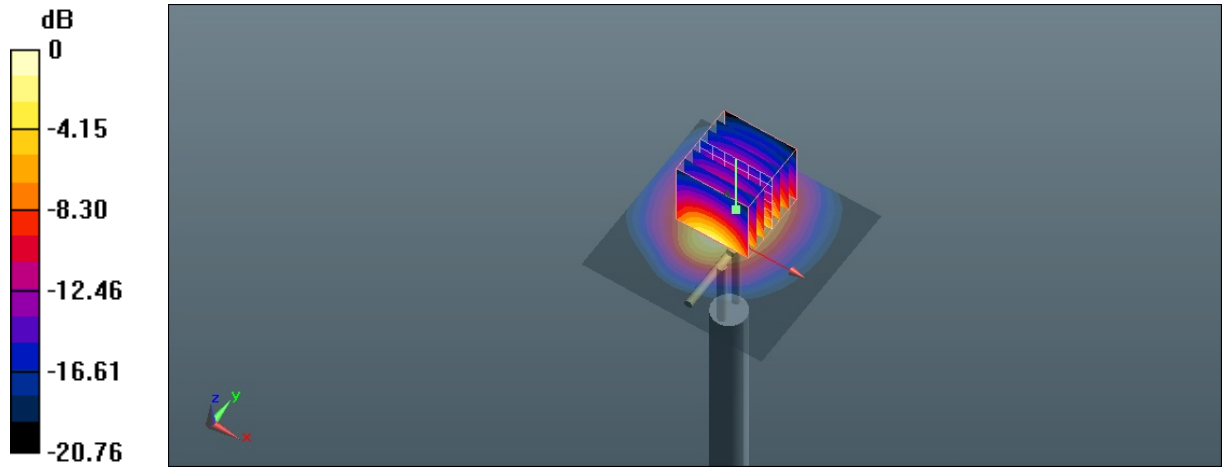
* Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2450 MHz; σ = 1.975 mho/m; ε_r = 51.251; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

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

Maximum value of SAR (interpolated) = 17.301 mW/g

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

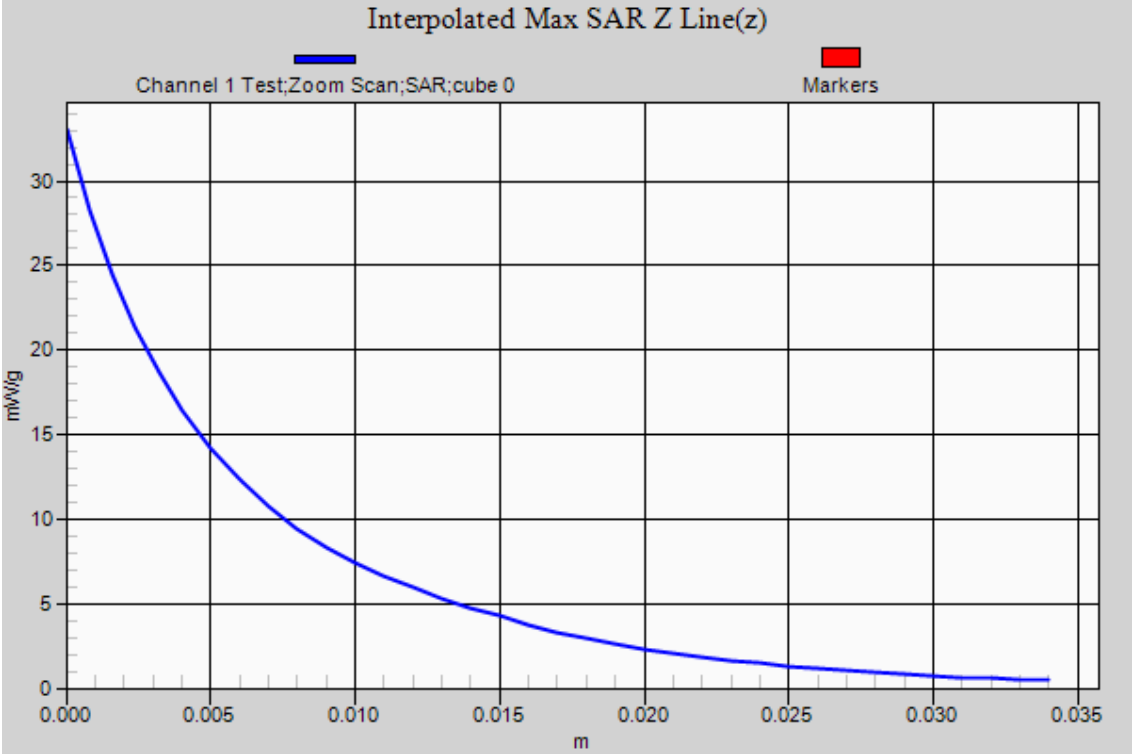
Reference Value = 88.196 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 33.035 W/kg
SAR(1 g) = 14.8 mW/g; SAR(10 g) = 6.98 mW/g
Maximum value of SAR (measured) = 16.263 mW/g



0 dB = 16.260mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature	**19.8 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**48%**

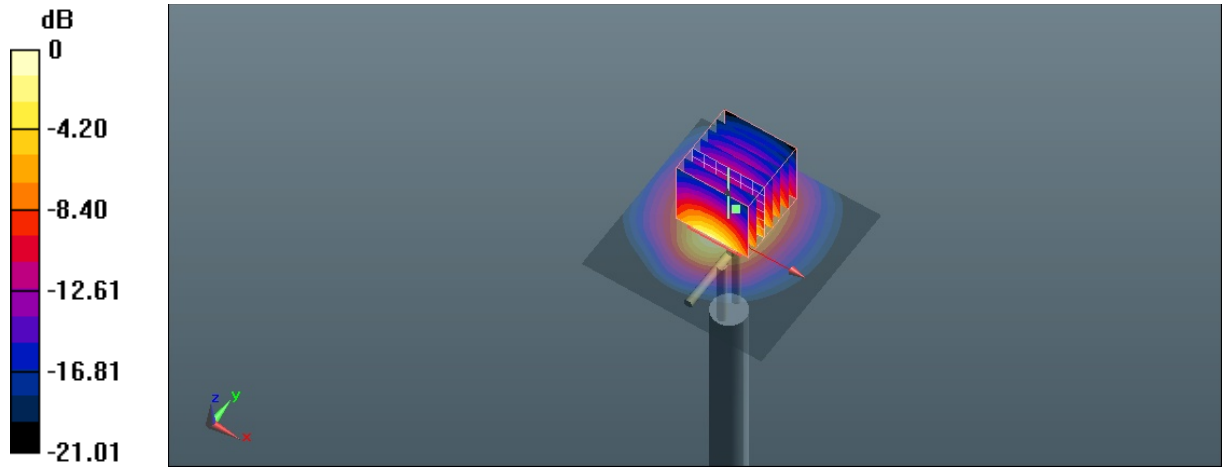


Test Date: 1 September 2011
File Name: System Check 2450 MHz 01-09-11.da52:0
DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

* Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2450 MHz; σ = 1.949 mho/m; ε_r = 51.042; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- 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) = 16.898 mW/g

Configuration/Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.463 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 32.484 W/kg
SAR(1 g) = 14.6 mW/g; SAR(10 g) = 6.88 mW/g
Maximum value of SAR (measured) = 16.120 mW/g



0 dB = 16.120mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature	**20.5 Degrees Celsius**
Liquid Temperature	**20.3 Degrees Celsius**
Humidity	**45%**