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. The spatial peak SAR values were assessed with the procedure described in this report.

Table: 2450 MHz DSSS Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Tablet	1	A	1	-	6
	2	B	1	-	6
	3	C	1	-	6
Edge On Left	4	B	1	-	6
	5	C	1	-	6
Z-Axis Graphs for Plots 1-5					
Edge On Right	6	A	1	-	1
	7	A	1	-	6
	8	A	1	-	11
Z-Axis Graphs for Plots 6-8					

Table: 2450 MHz Bluetooth SAR Measurement Plot Numbers

Test Position	Plot No.	Test Channel
Tablet	-	40
Edge On Left	-	40

Table: 2450MHz Validation Plot

Plot 9	Validation 2450 MHz 1st July 2008
Z-Axis Graphs for Plot 9	

Test Date: 01 July 2008
File Name: Tablet DSSS 2.45 WiFi Antenna A 01-07-08.da4
DUT: Fujitsu Tablet Cutlas with Shirley Peak 11abgn (3x3); Type: 533AN_HMW; Serial: 0016EA042224

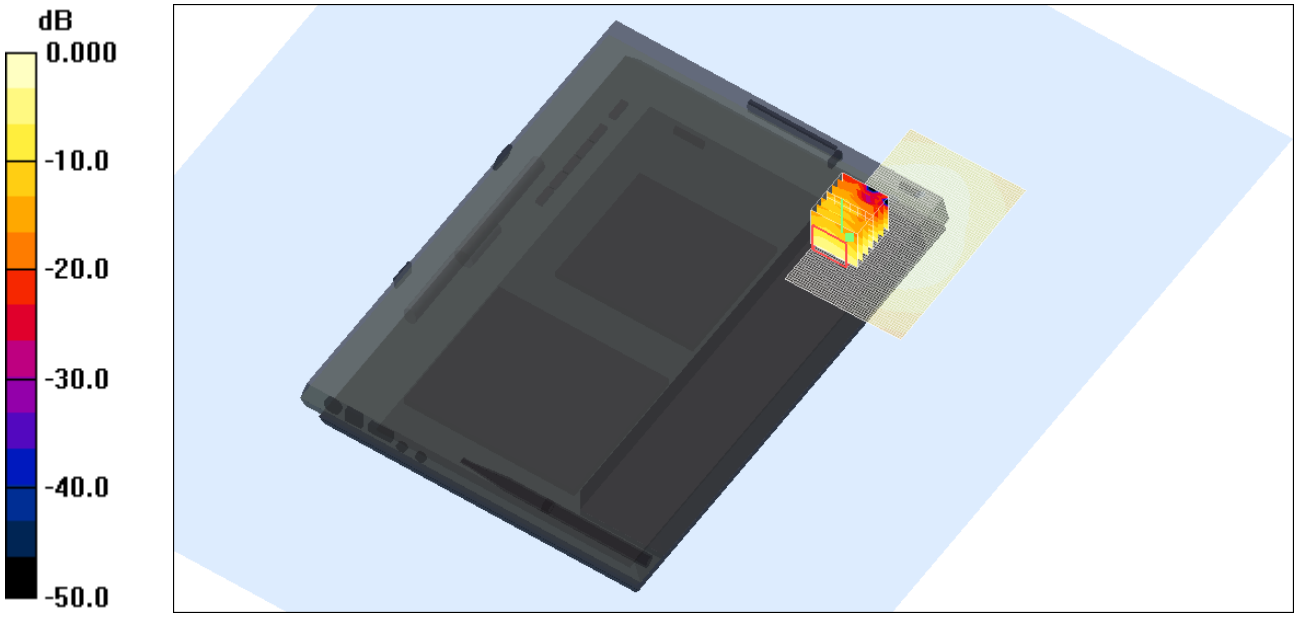
* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2436 MHz; σ = 1.91 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.18, 4.18, 4.18)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.057 mW/g

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

Reference Value = 3.89 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.076 mW/g



0 dB = 0.076mW/g

SAR MEASUREMENT PLOT 1

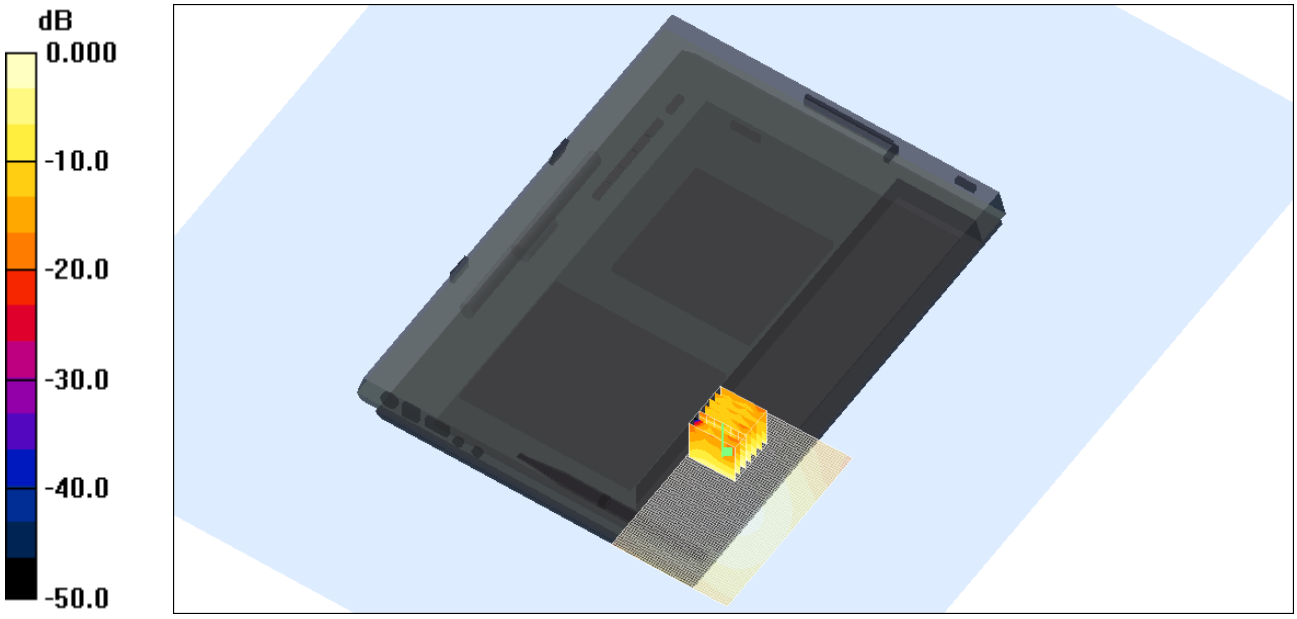
Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**

Test Date: 01 July 2008
File Name: Tablet DSSS 2.45 WiFi Antenna B 01-07-08.da4
DUT: Fujitsu Tablet Cutlas with Shirley Peak 11abgn (3x3); Type: 533AN_HMW; Serial: 0016EA042224

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2436 MHz; σ = 1.91 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.18, 4.18, 4.18)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.035 mW/g

Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.18 V/m; Power Drift = -0.273 dB
Peak SAR (extrapolated) = 0.068 W/kg
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.041 mW/g



0 dB = 0.041mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**

Test Date: 01 July 2008
File Name: Tablet DSSS 2.45 WiFi Antenna C -2dB Attenuation 01-07-08.da4
DUT: Fujitsu Tablet Cutlas with Shirley Peak 11abgn (3x3); Type: 533AN_HMW; Serial: 0016EA042224

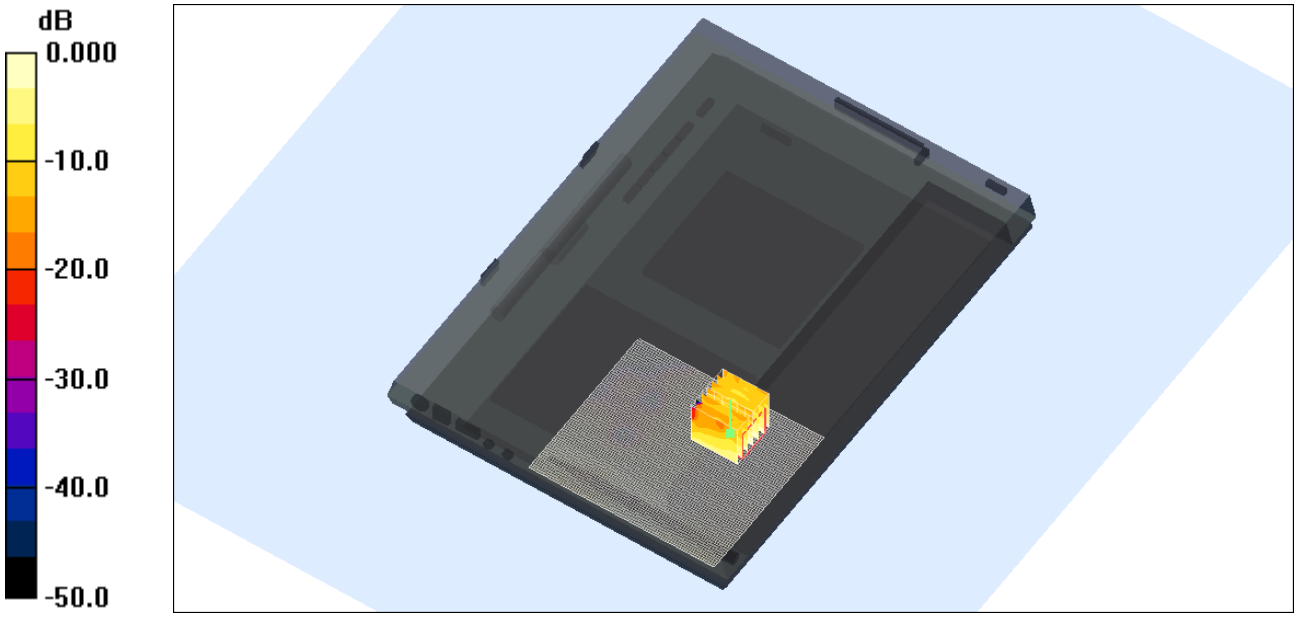
* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2436 MHz; σ = 1.91 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.18, 4.18, 4.18)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.032 mW/g

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

Reference Value = 2.00 V/m; Power Drift = 0.080 dB
Peak SAR (extrapolated) = 0.053 W/kg
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.031 mW/g



0 dB = 0.031mW/g

SAR MEASUREMENT PLOT 3

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**

Test Date: 01 July 2008
File Name: Edge On Left DSSS 2.45 GHz WiFi Antenna B 01-07-08.da4
DUT: Fujitsu Tablet Cutlas with Shirley Peak 11abgn (3x3); Type: 533AN_HMW; Serial: 0016EA042224

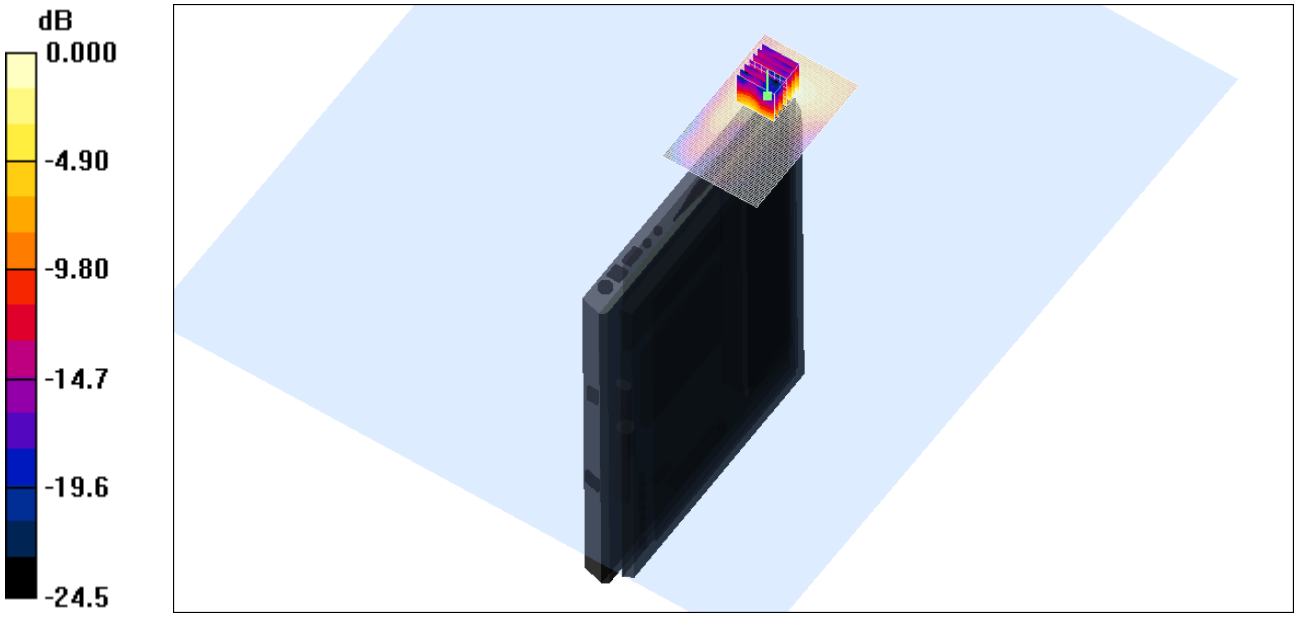
* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2436 MHz; σ = 1.91 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.18, 4.18, 4.18)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.077 mW/g

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

Reference Value = 4.43 V/m; Power Drift = -0.243 dB
Peak SAR (extrapolated) = 0.177 W/kg
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.079 mW/g



0 dB = 0.079mW/g

SAR MEASUREMENT PLOT 4

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**

Test Date: 01 July 2008
File Name: Edge On Left DSSS 2.45 GHz WiFi Antenna C -2dB Attenuation 01-07-08.da4
DUT: Fujitsu Tablet Cutlas with Shirley Peak 11abgn (3x3); Type: 533AN_HMW; Serial: 0016EA042224

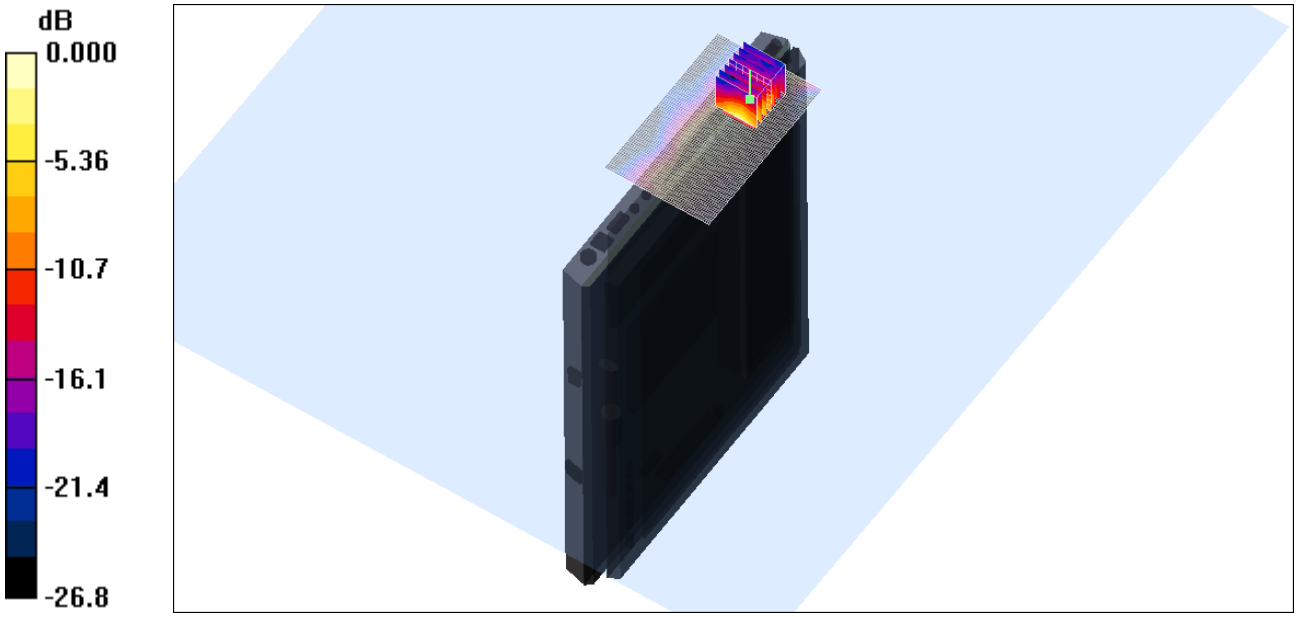
* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2436 MHz; σ = 1.91 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.18, 4.18, 4.18)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.184 mW/g

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

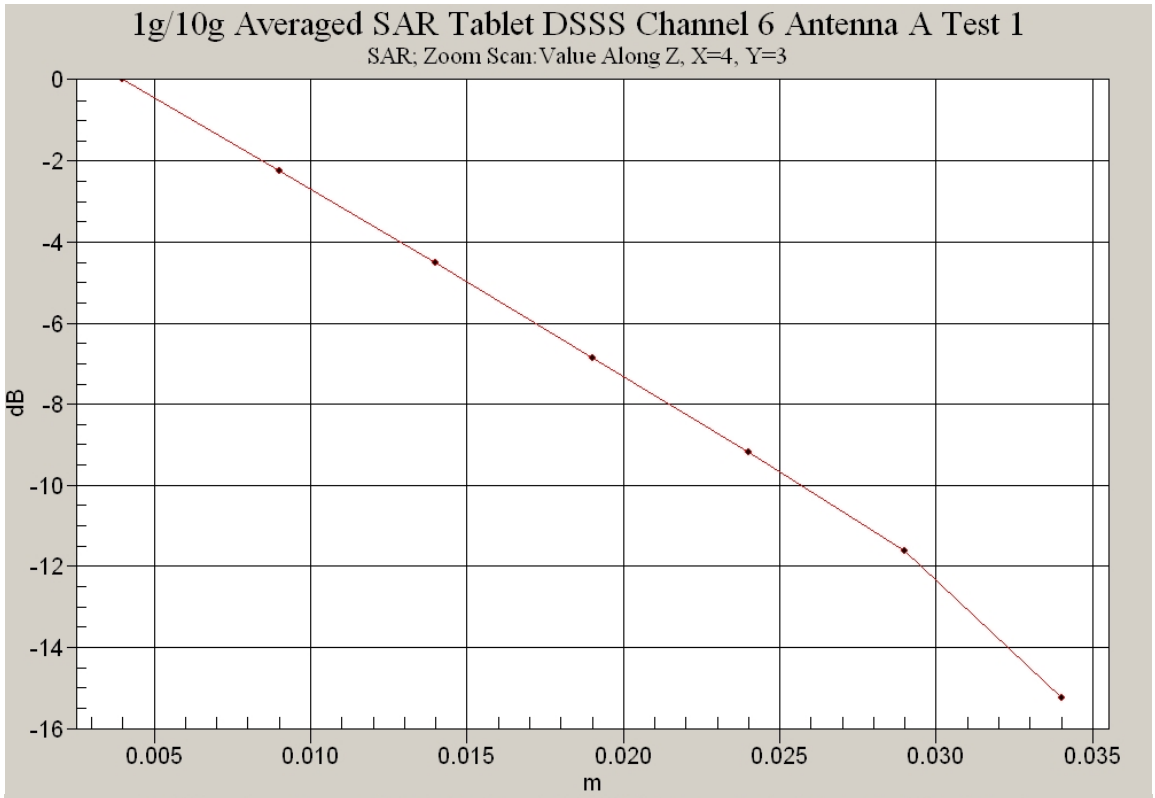
Reference Value = 9.75 V/m; Power Drift = -0.485 dB
Peak SAR (extrapolated) = 0.423 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.171 mW/g

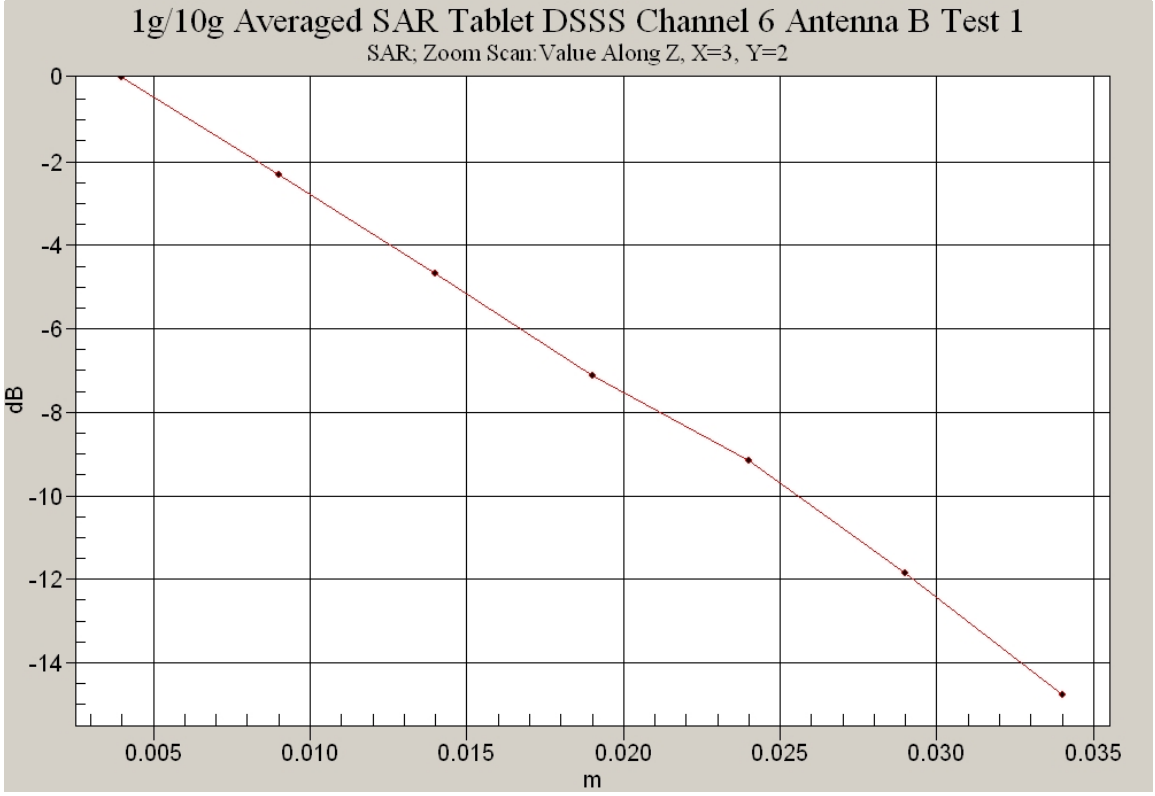


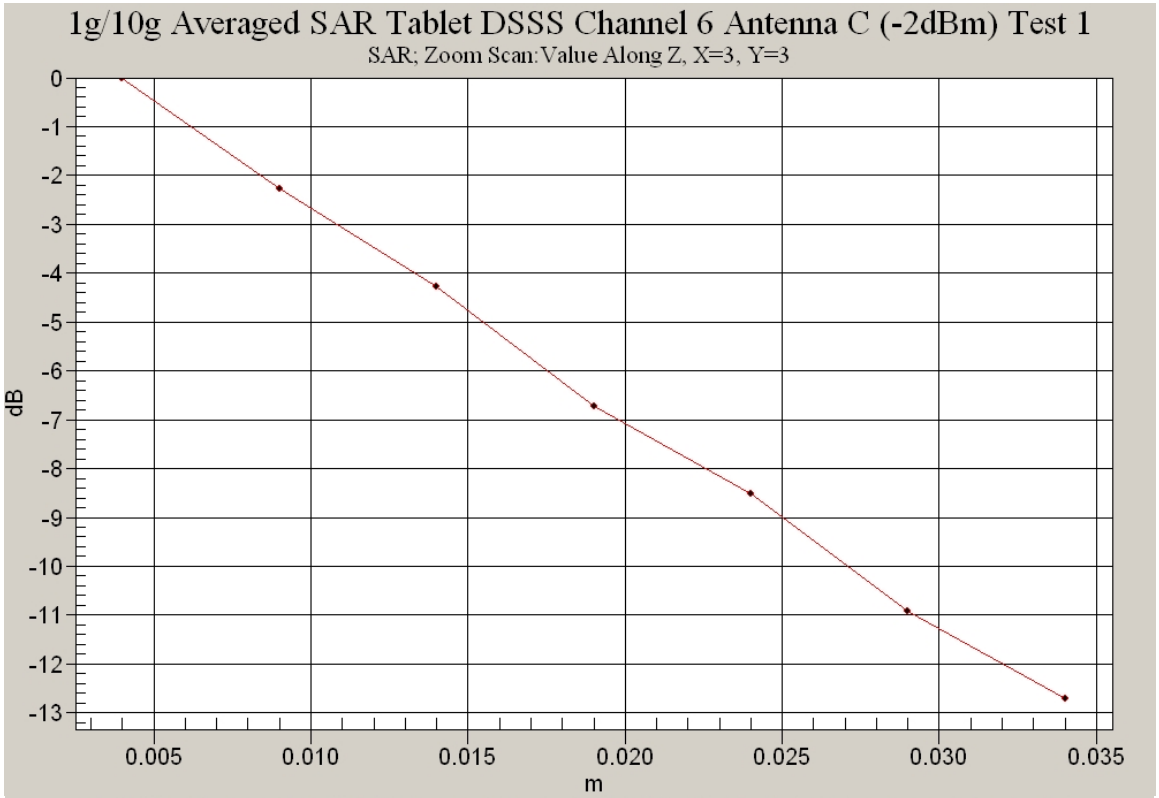
0 dB = 0.171mW/g

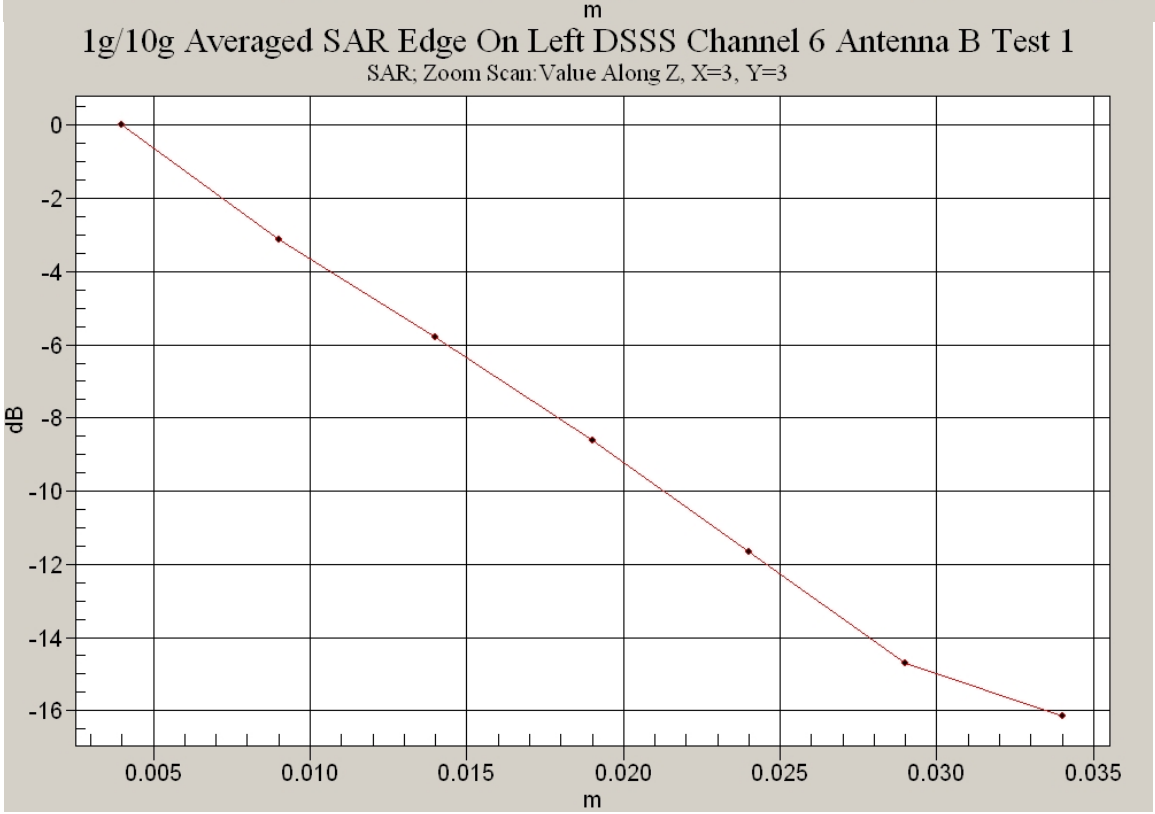
SAR MEASUREMENT PLOT 5

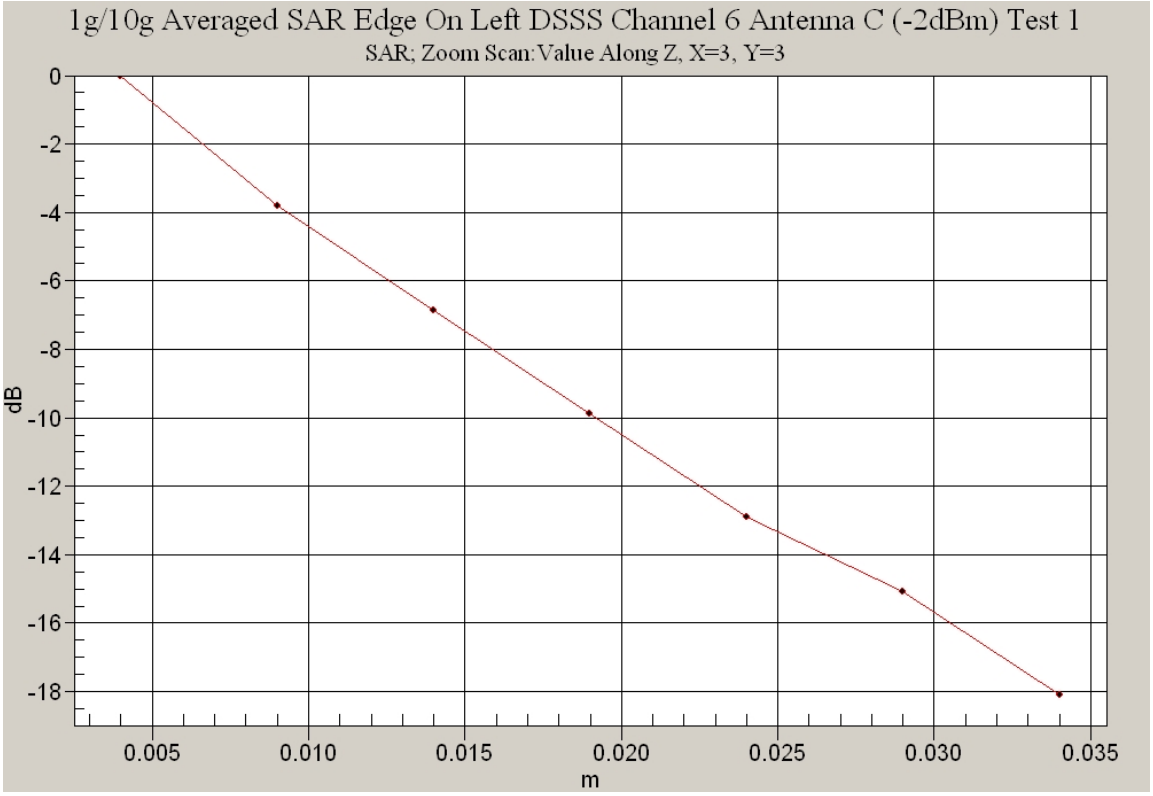
Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**











Test Date: 01 July 2008
File Name: Edge On Right DSSS 2.45 GHz WiFi Antenna A 01-07-08.da4
DUT: Fujitsu Tablet Cutlas with Shirley Peak 11abgn (3x3); Type: 533AN_HMW; Serial: 0016EA042224

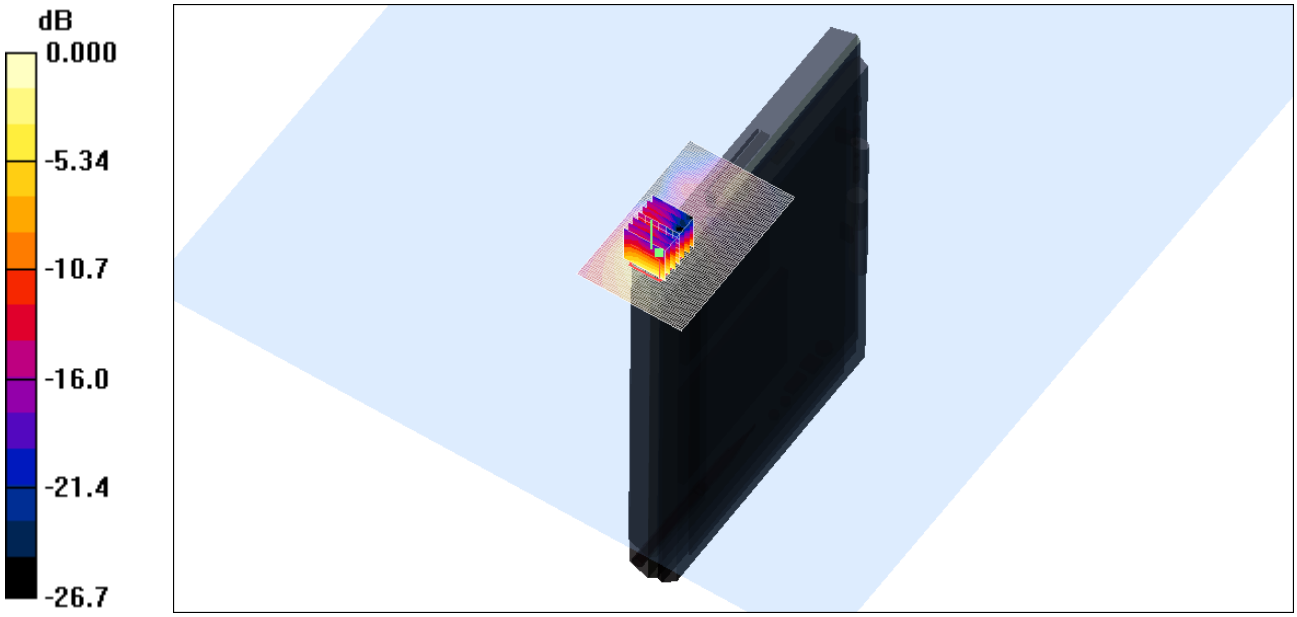
* Communication System: DSSS 2450 MHz; Frequency: 2412 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2412 MHz; σ = 1.87 mho/m; ε_r = 51.2; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.18, 4.18, 4.18)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 1 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.172 mW/g

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

Reference Value = 6.01 V/m; Power Drift = -0.395 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.164mW/g

SAR MEASUREMENT PLOT 6

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**

Test Date: 01 July 2008
File Name: Edge On Right DSSS 2.45 GHz WiFi Antenna A 01-07-08.da4
DUT: Fujitsu Tablet Cutlas with Shirley Peak 11abgn (3x3); Type: 533AN_HMW; Serial: 0016EA042224

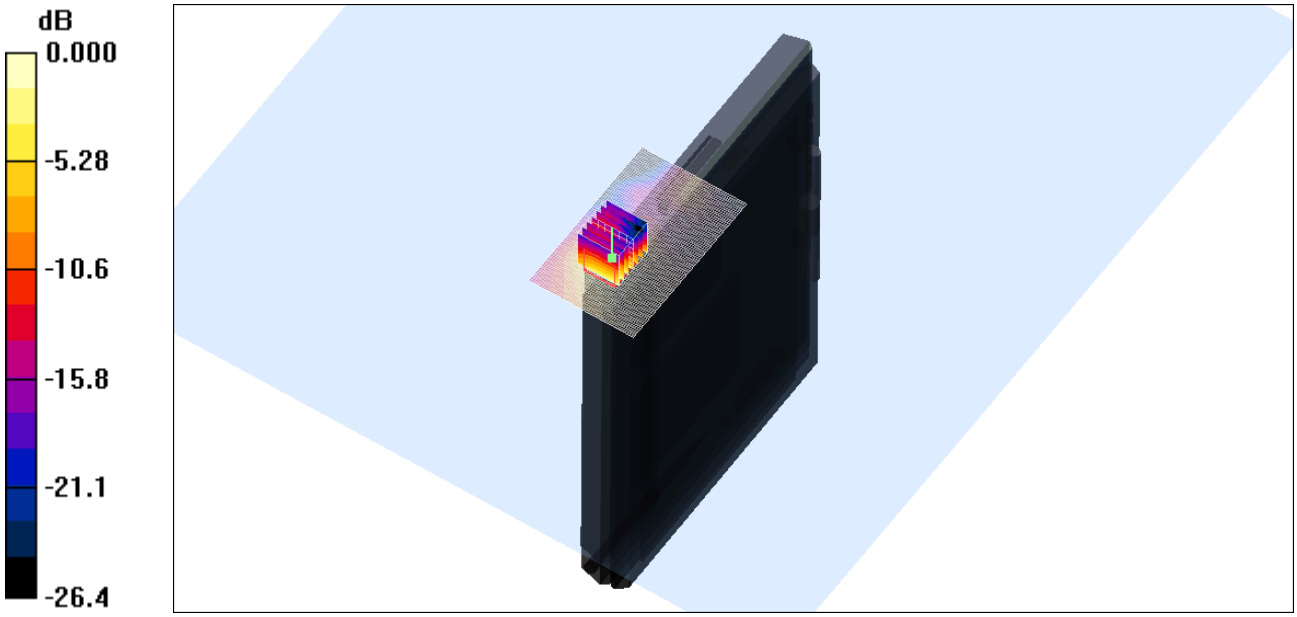
* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2436 MHz; σ = 1.91 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.18, 4.18, 4.18)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.178 mW/g

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

Reference Value = 6.18 V/m; Power Drift = -0.202 dB
Peak SAR (extrapolated) = 0.381 W/kg
SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.168mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**

Test Date: 01 July 2008
File Name: Edge On Right DSSS 2.45 GHz WiFi Antenna A 01-07-08.da4
DUT: Fujitsu Tablet Cutlas with Shirley Peak 11abgn (3x3); Type: 533AN_HMW; Serial: 0016EA042224

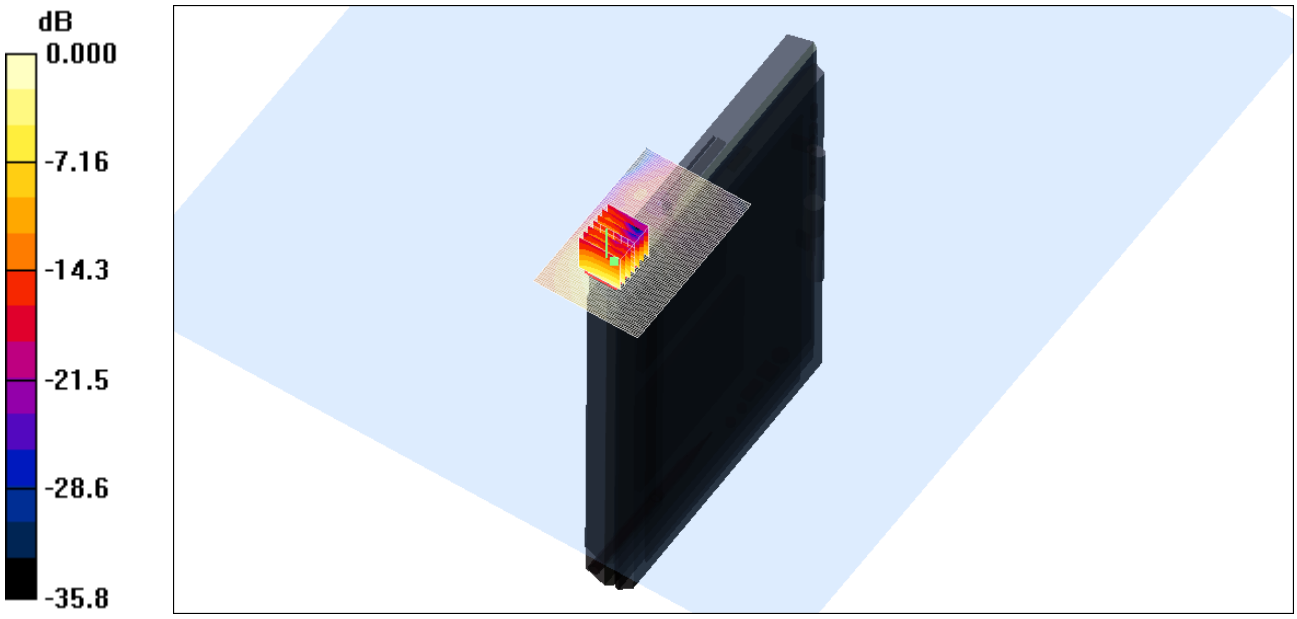
* Communication System: DSSS 2450 MHz; Frequency: 2462 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2462 MHz; σ = 1.95 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.18, 4.18, 4.18)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 11 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.181 mW/g

Channel 11 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

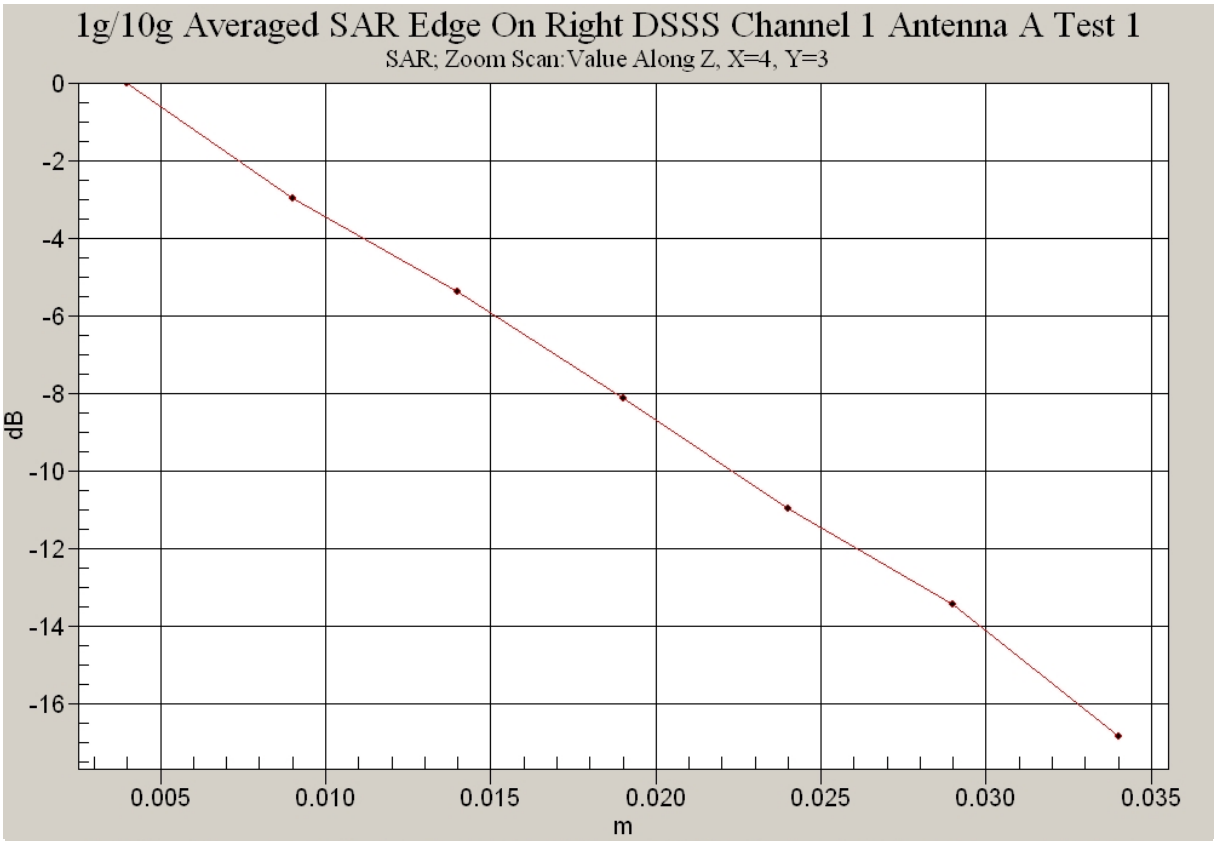
Reference Value = 6.07 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.414 W/kg
SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.192 mW/g

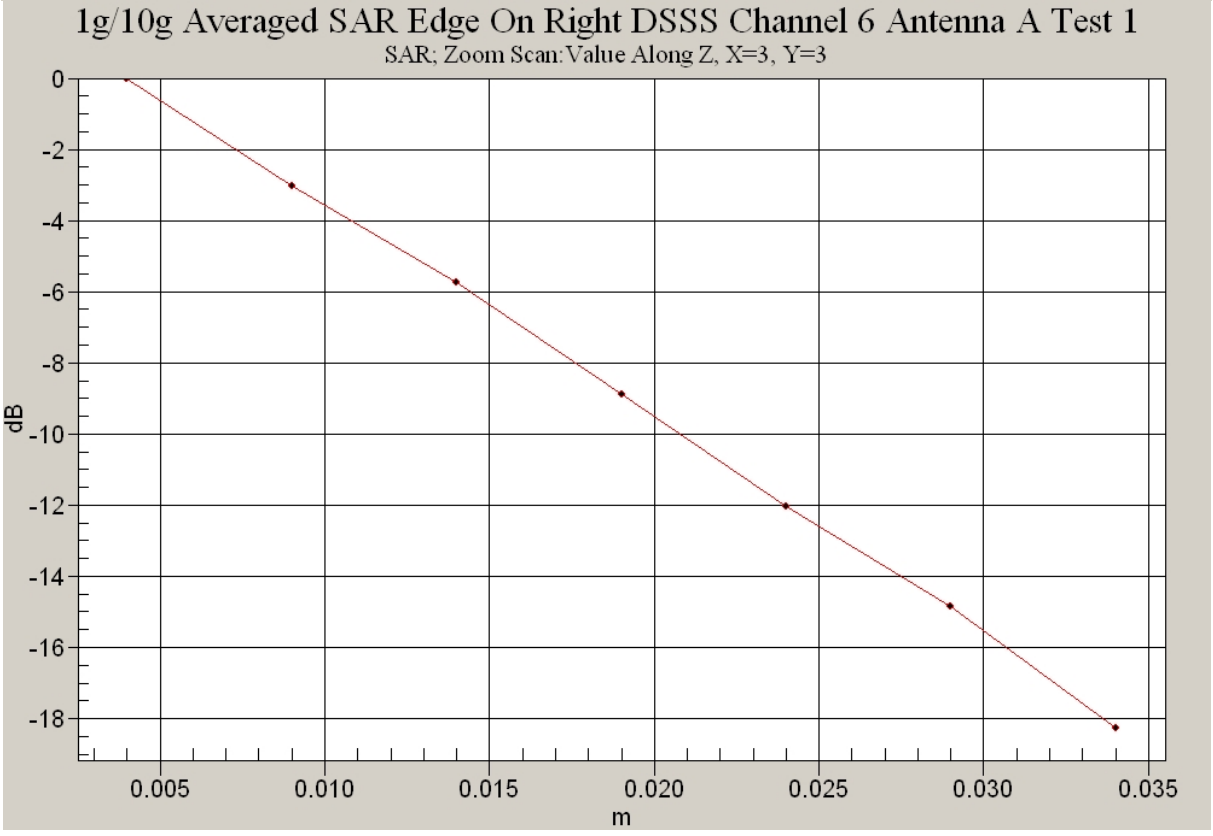


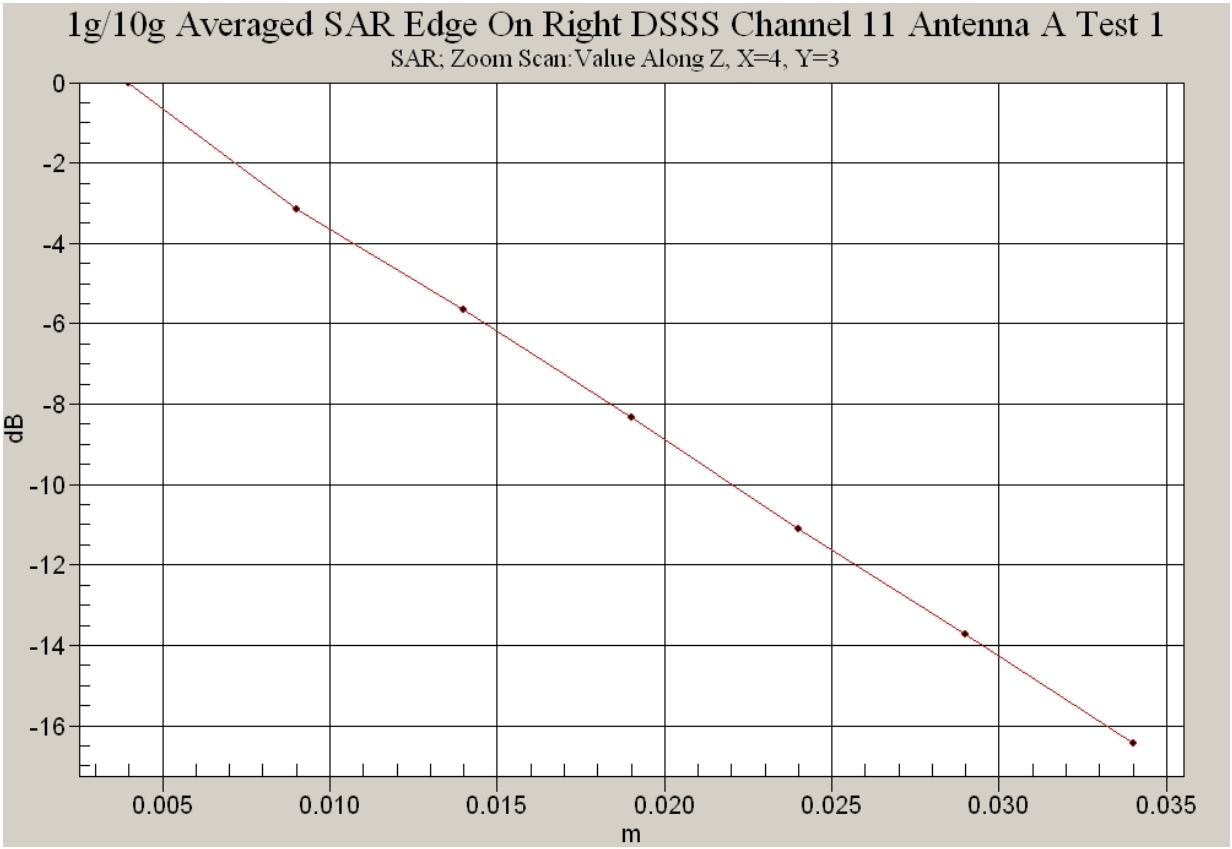
0 dB = 0.192mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**







Test Date: 01 July 2008
File Name: Validation 2450 MHz (DAE442 Probe1380) 01-07-08.da4
DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

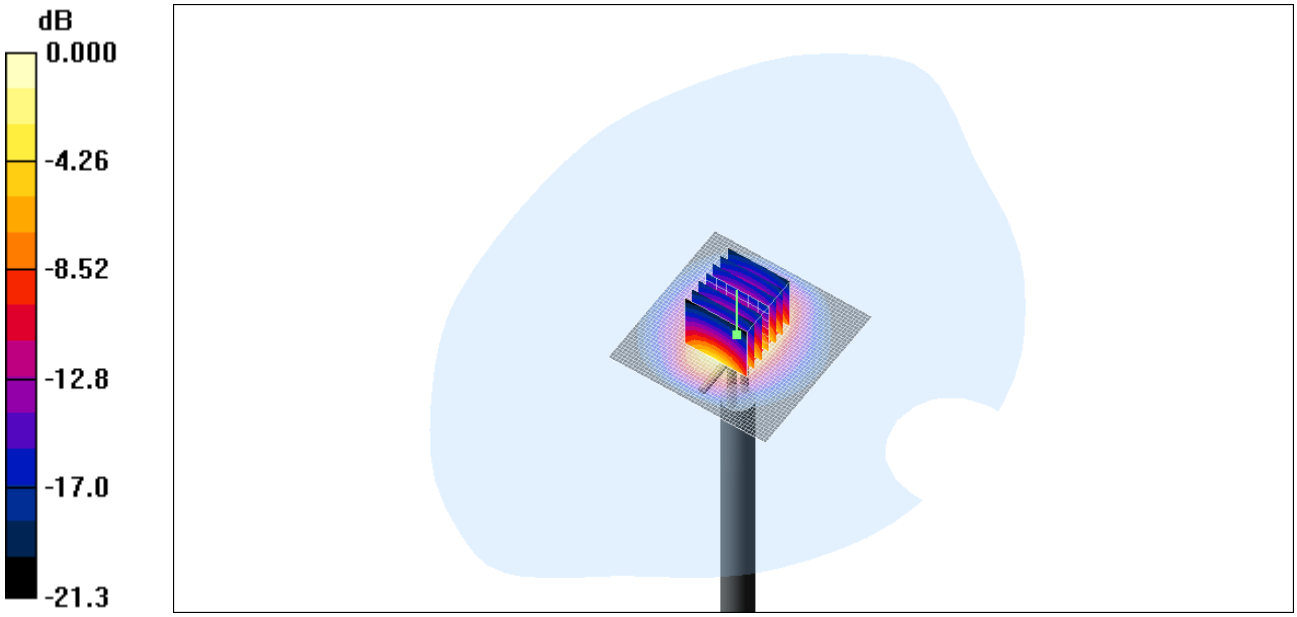
* Communication System: CW 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2450 MHz; σ = 1.8 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.55, 4.55, 4.55)
- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

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

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

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

Reference Value = 97.5 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 30.2 W/kg
SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.55 mW/g
Maximum value of SAR (measured) = 15.6 mW/g



0 dB = 15.6mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**