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 23 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	-	06
Tablet	2	B	1	-	06
Edge On Secondary Portrait	3	B	1	-	06
Edge On Secondary Landscape	4	A	1	-	06
Edge On Secondary Landscape	5	B	1	-	06
Edge On Primary Portrait	6	A	1	-	1
	7	A	1	-	06
	8	A	1	-	11

Table 24 2450MHz System verification Plot

Plot 9	System verification 2450 MHz 15th September 2010

Test Date: 15 September 2010

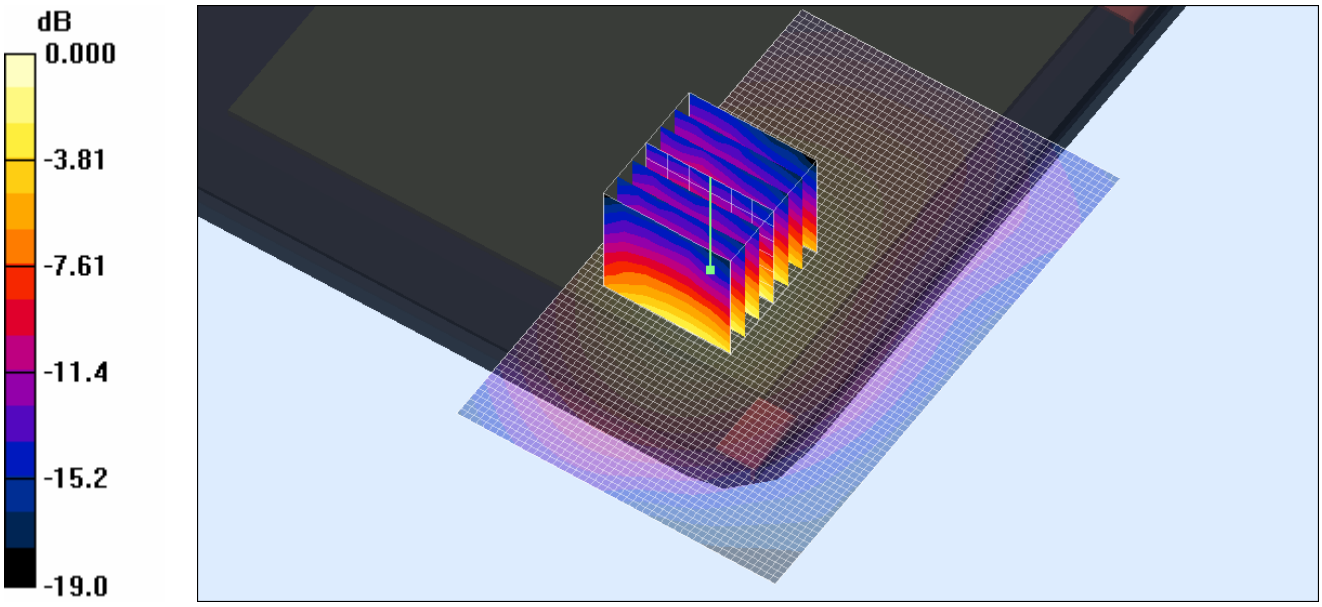
File Name: M100860 Tablet DSSS 2.4 GHz Antenna A (1) 15-09-10.da4

DUT: Fujitsu Tablet Sparrow with HB92 11abgn; Type: AR5BHB92; Serial: ZX05262263

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.9 mho/m; ε_r = 52; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.11, 4.11, 4.11)
- 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) = 0.129 mW/g

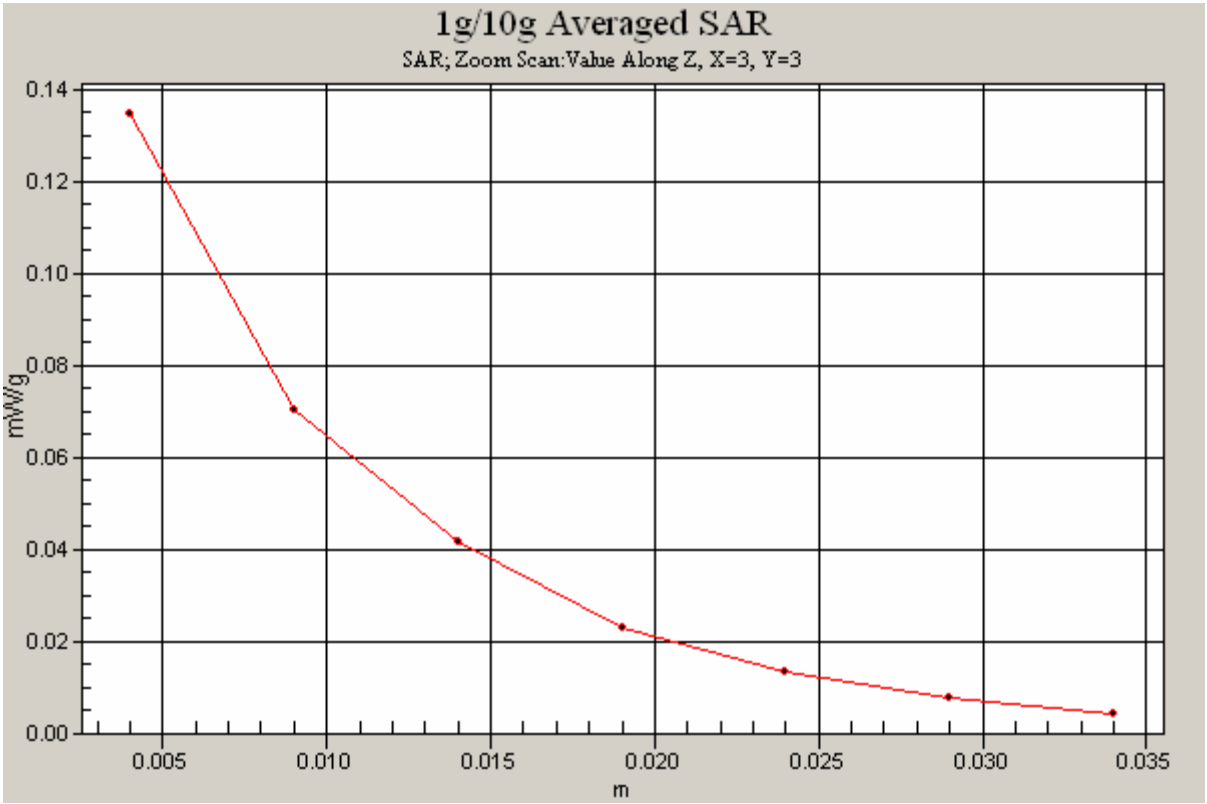
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.87 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.135 mW/g



0 dB = 0.135mW/g

SAR MEASUREMENT PLOT 1

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**34.0 %**

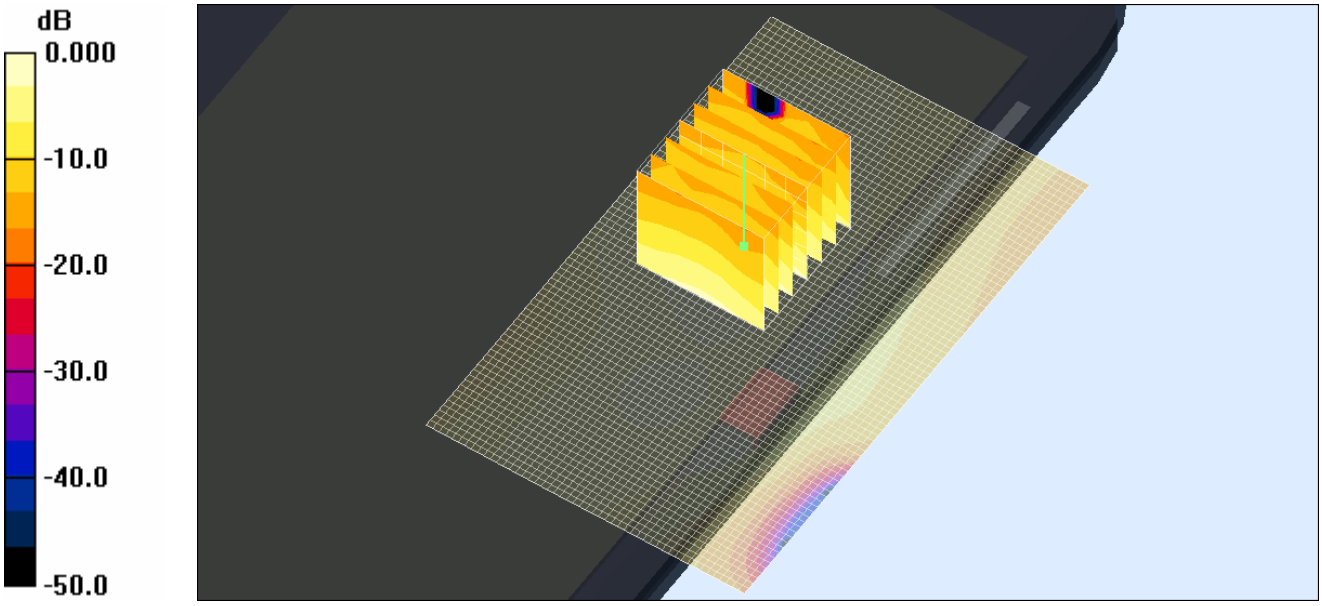


Test Date: 15 September 2010
File Name: M100860 Tablet DSSS 2.4 GHz Antenna B (2) 15-09-10.da4
DUT: Fujitsu Tablet Sparrow with HB92 11abgn; Type: AR5BHB92; Serial: ZX05262263

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.9 mho/m; ε_r = 52; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.11, 4.11, 4.11)
- 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) = 0.056 mW/g

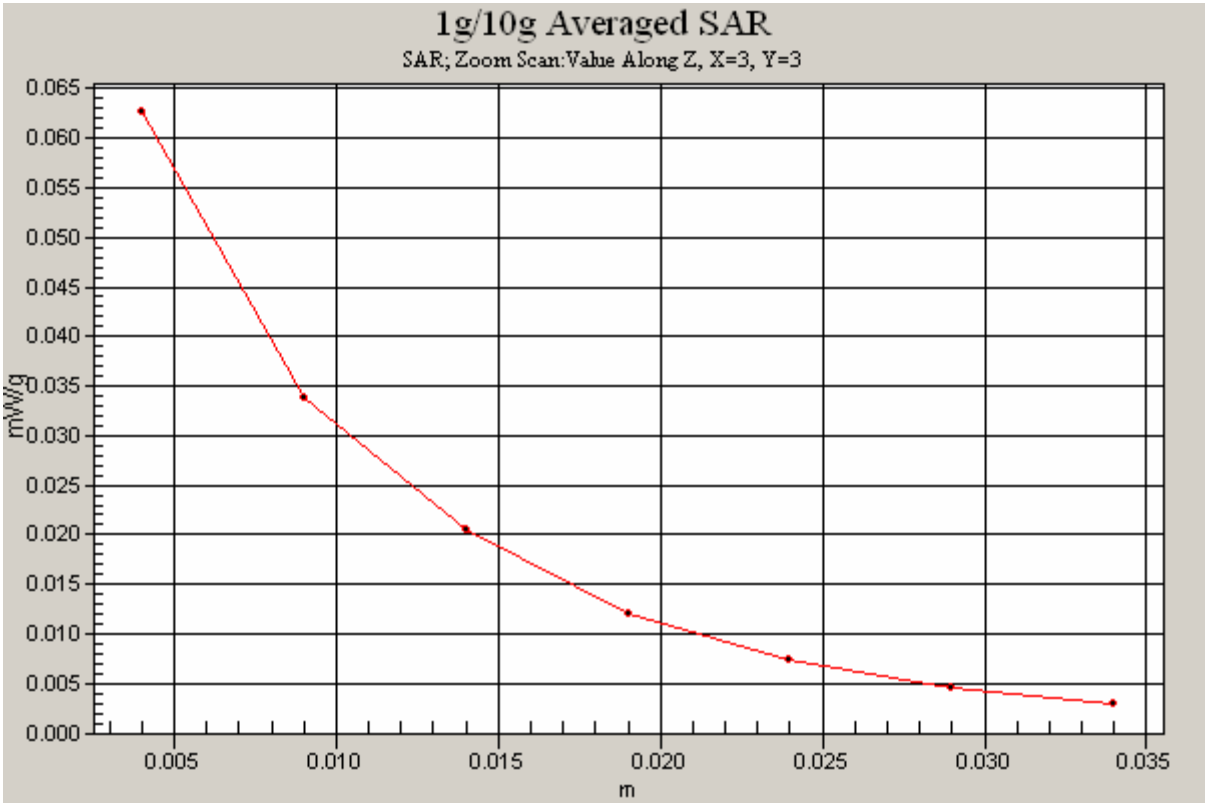
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.42 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.063 mW/g



0 dB = 0.063mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**34.0 %**



Test Date: 15 September 2010

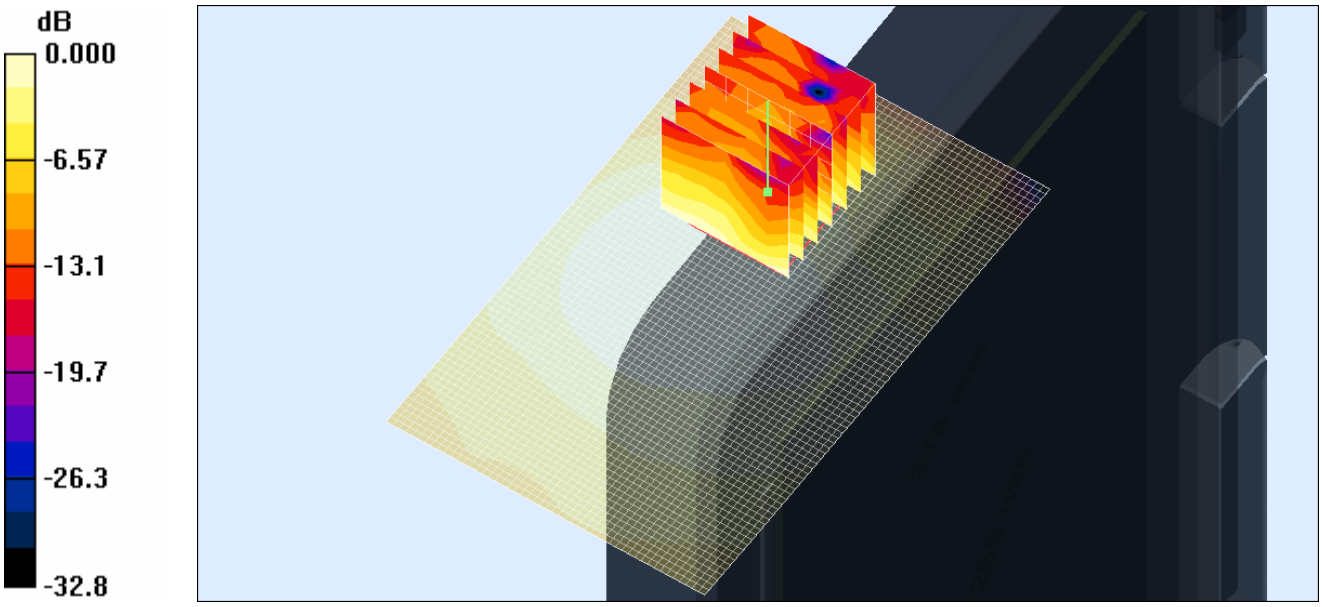
File Name: M100860 Secondary Portrait DSSS 2.4 GHz Antenna B (2) 15-09-10.da4

DUT: Fujitsu Tablet Sparrow with HB92 11abgn; Type: AR5BHB92; Serial: ZX05262263

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.9 mho/m; ε_r = 52; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.11, 4.11, 4.11)
- 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) = 0.019 mW/g

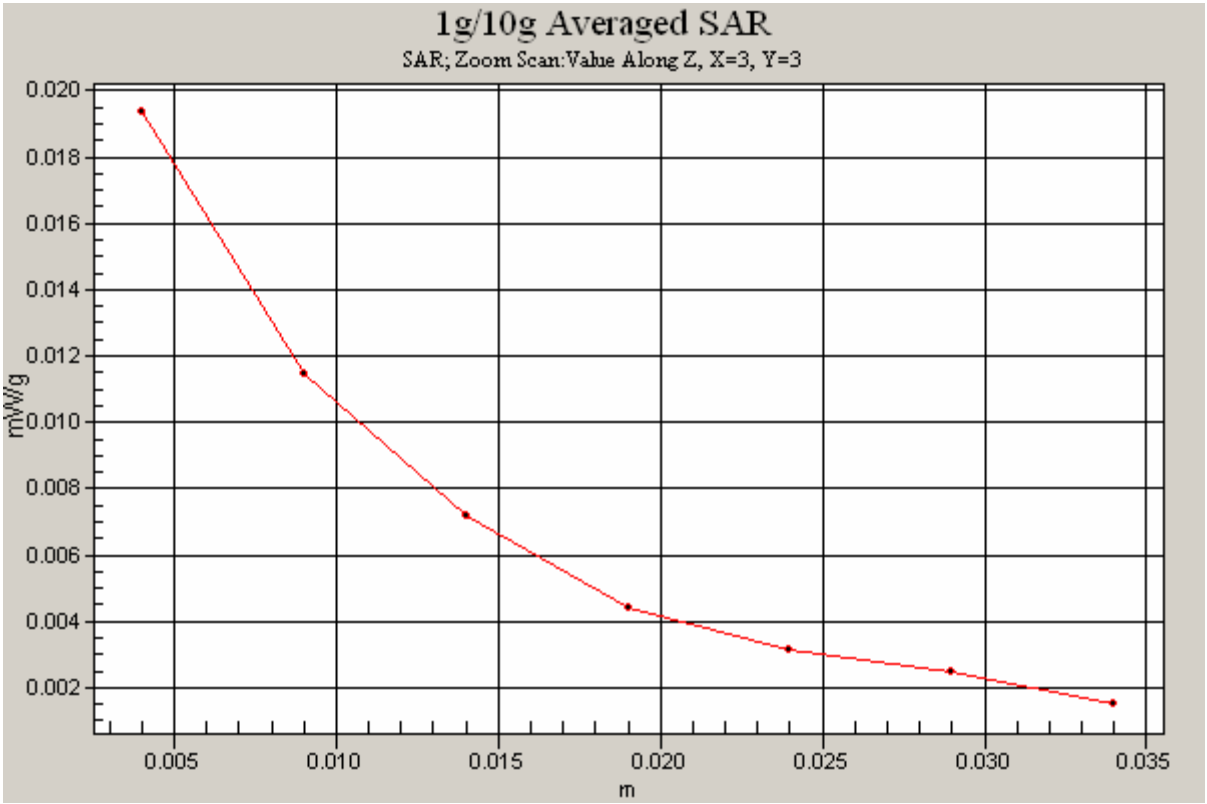
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.08 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 0.034 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00891 mW/g
Maximum value of SAR (measured) = 0.019 mW/g



0 dB = 0.019mW/g

SAR MEASUREMENT PLOT 3

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**34.0 %**

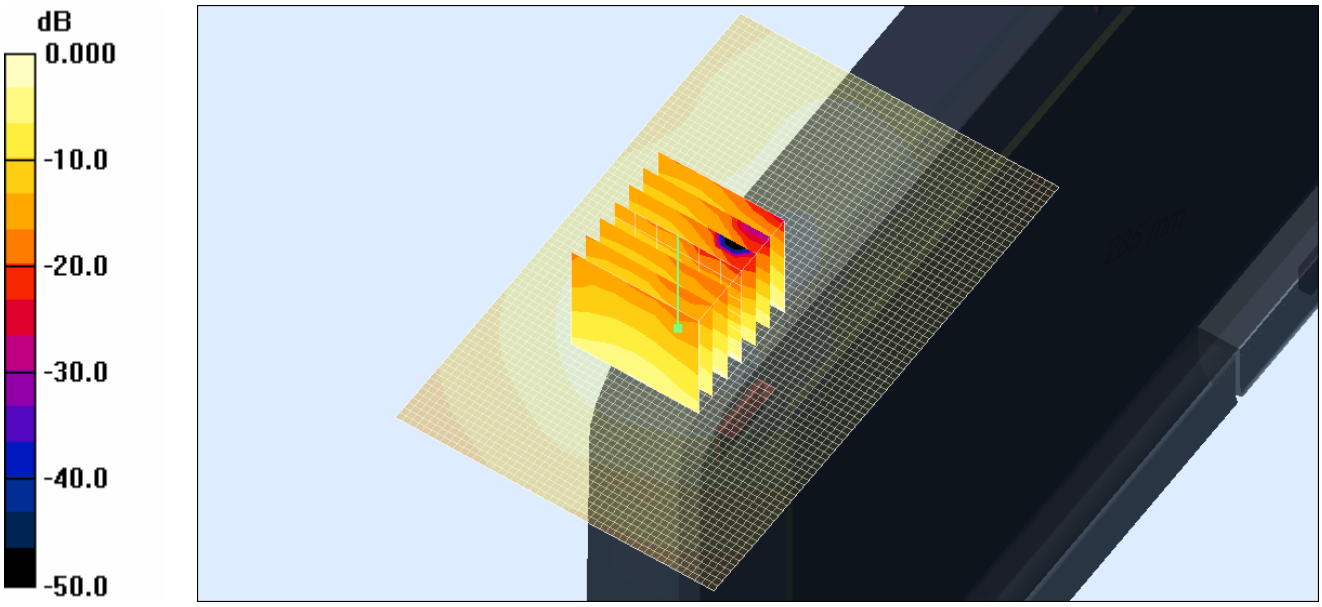


Test Date: 15 September 2010
File Name: M100860 Secondary Landscape DSSS 2.4 GHz Antenna A (1) 15-09-10.da4
DUT: Fujitsu Tablet Sparrow with HB92 11abgn; Type: AR5BHB92; Serial: ZX05262263

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.9 mho/m; ε_r = 52; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.11, 4.11, 4.11)
- 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) = 0.135 mW/g

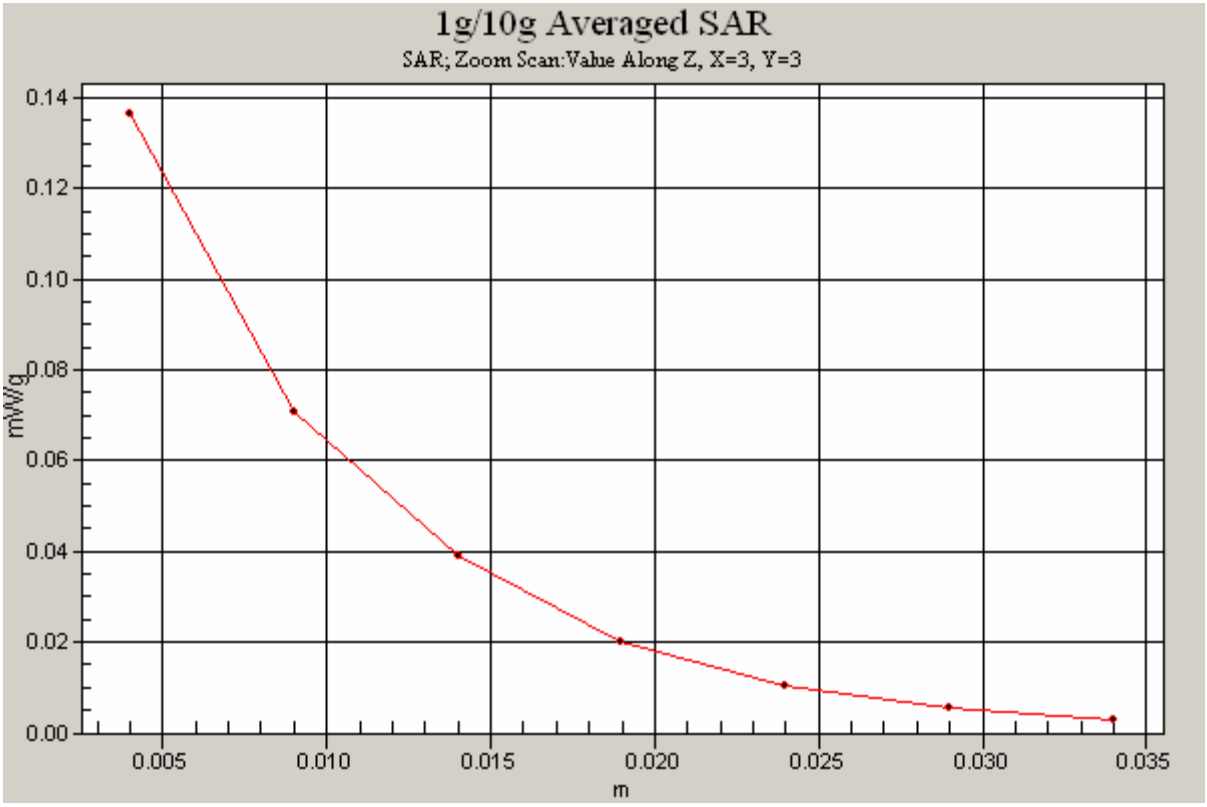
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.82 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.137 mW/g



0 dB = 0.137mW/g

SAR MEASUREMENT PLOT 4

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**34.0 %**

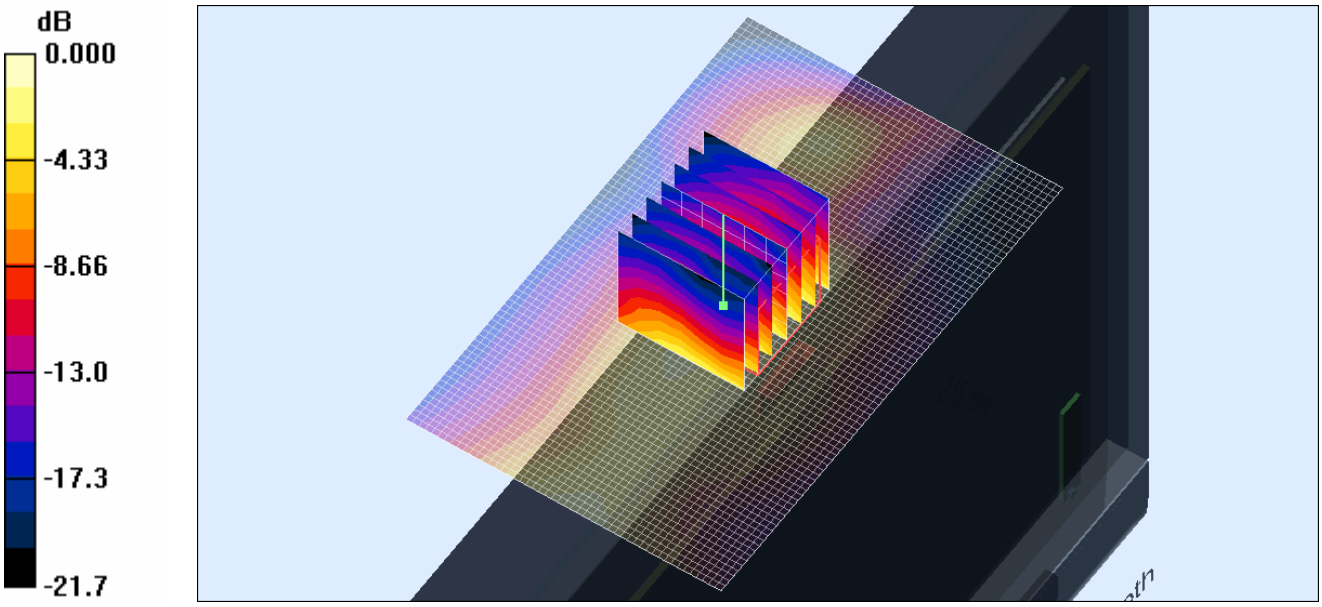


Test Date: 15 September 2010
File Name: M100860 Secondary Landscape DSSS 2.4 GHz Antenna B (2) 15-09-10.da4
DUT: Fujitsu Tablet Sparrow with HB92 11abgn; Type: AR5BHB92; Serial: ZX05262263

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.9 mho/m; ε_r = 52; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.11, 4.11, 4.11)
- 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) = 0.261 mW/g

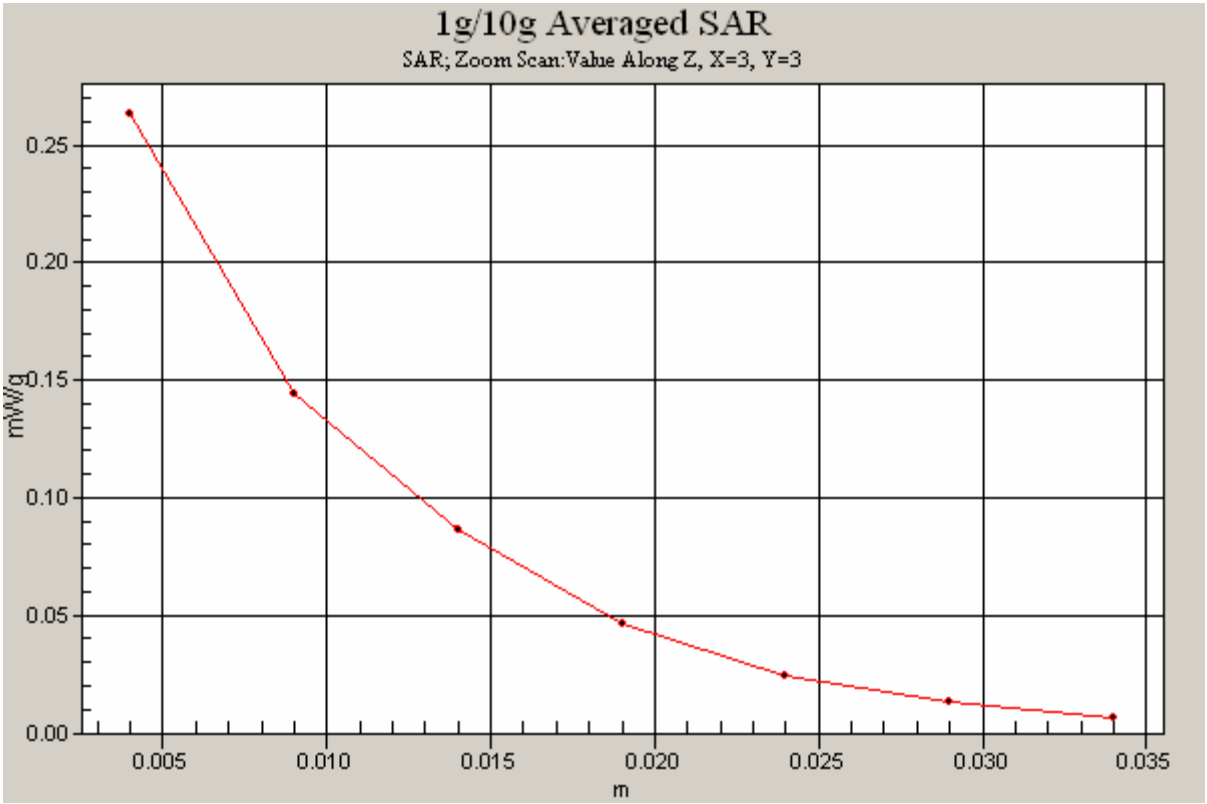
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.42 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.526 W/kg
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.264 mW/g



0 dB = 0.264mW/g

SAR MEASUREMENT PLOT 5

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**34.0 %**

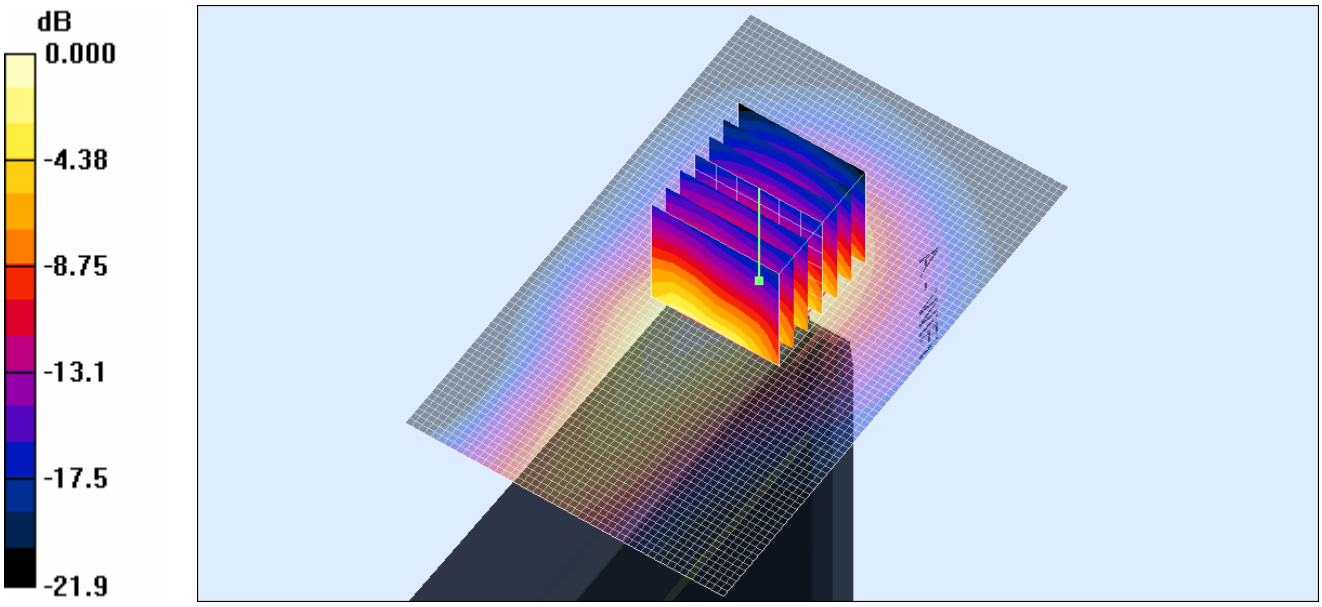


Test Date: 15 September 2010
File Name: M100860 Primary Portrait DSSS 2.4 GHz Antenna A (1) 15-09-10.da4
DUT: Fujitsu Tablet Sparrow with HB92 11abgn; Type: AR5BHB92; Serial: ZX05262263

* Communication System: DSSS 2450 MHz; Frequency: 2412 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2410 MHz; σ = 1.85 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.11, 4.11, 4.11)
- 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) = 0.590 mW/g

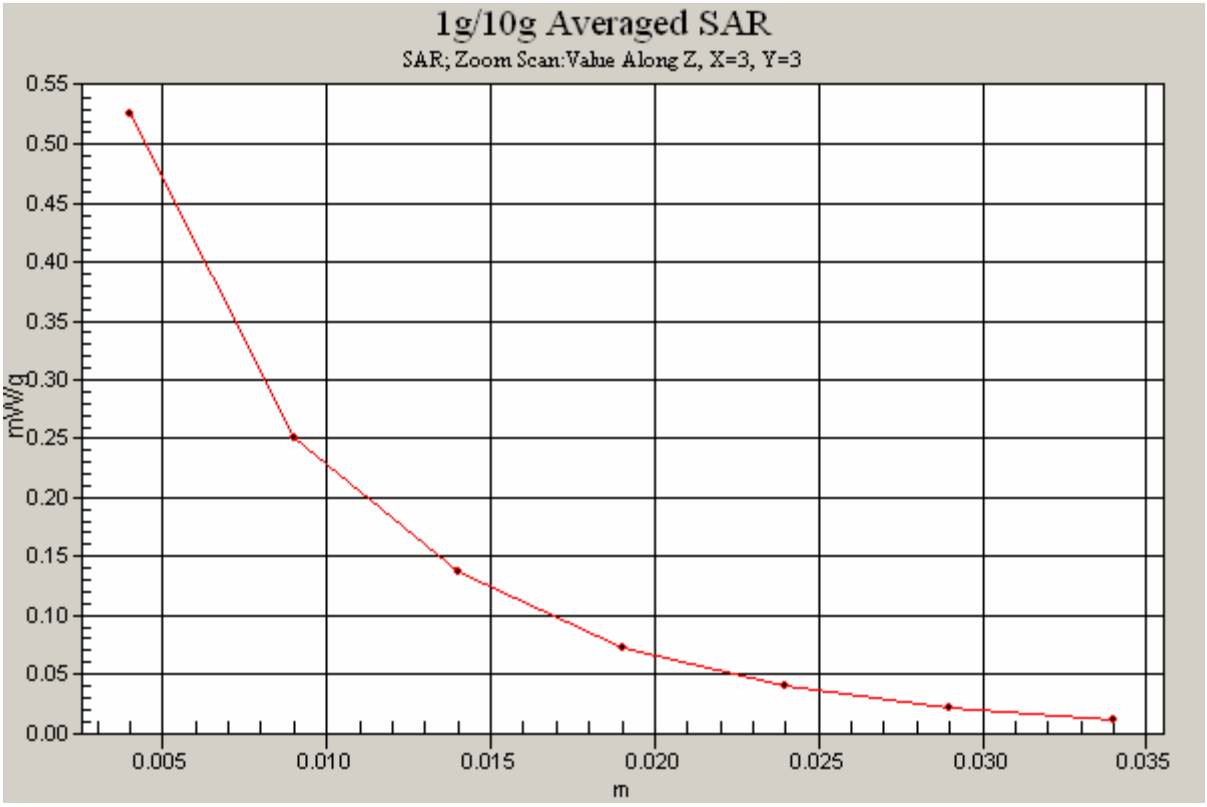
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.527 mW/g



0 dB = 0.527mW/g

SAR MEASUREMENT PLOT 6

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**34.0 %**

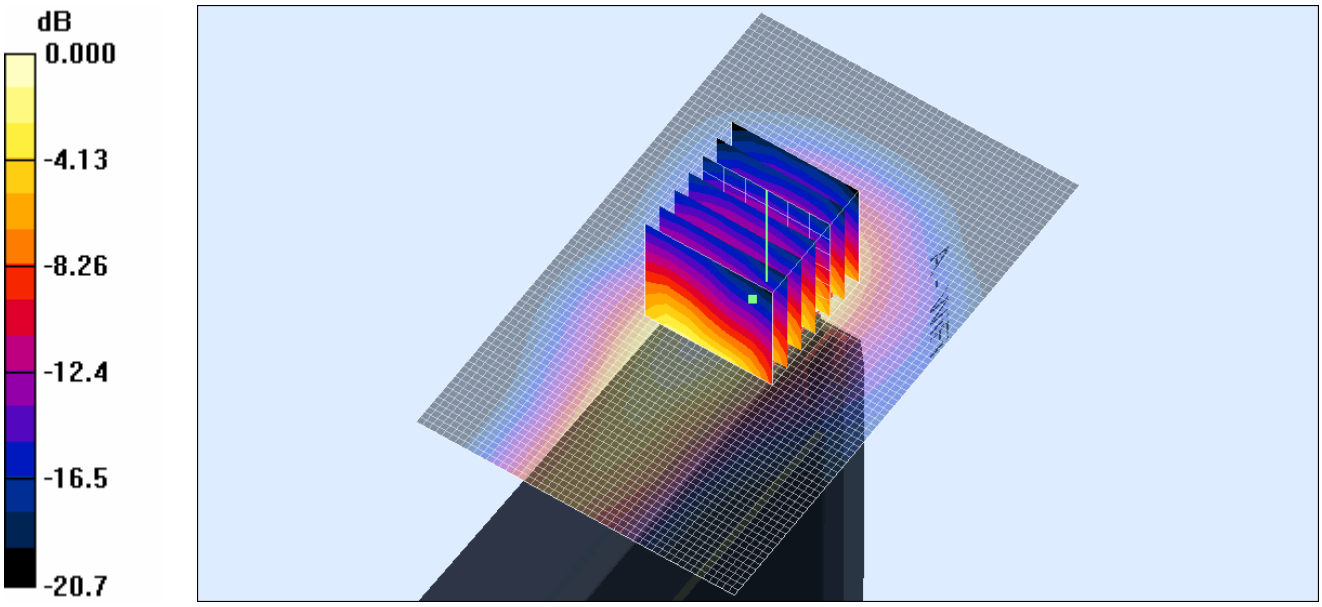


Test Date: 15 September 2010
File Name: M100860 Primary Portrait DSSS 2.4 GHz Antenna A (1) 15-09-10.da4
DUT: Fujitsu Tablet Sparrow with HB92 11abgn; Type: AR5BHB92; Serial: ZX05262263

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.9 mho/m; ε_r = 52; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.11, 4.11, 4.11)
- 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) = 0.569 mW/g

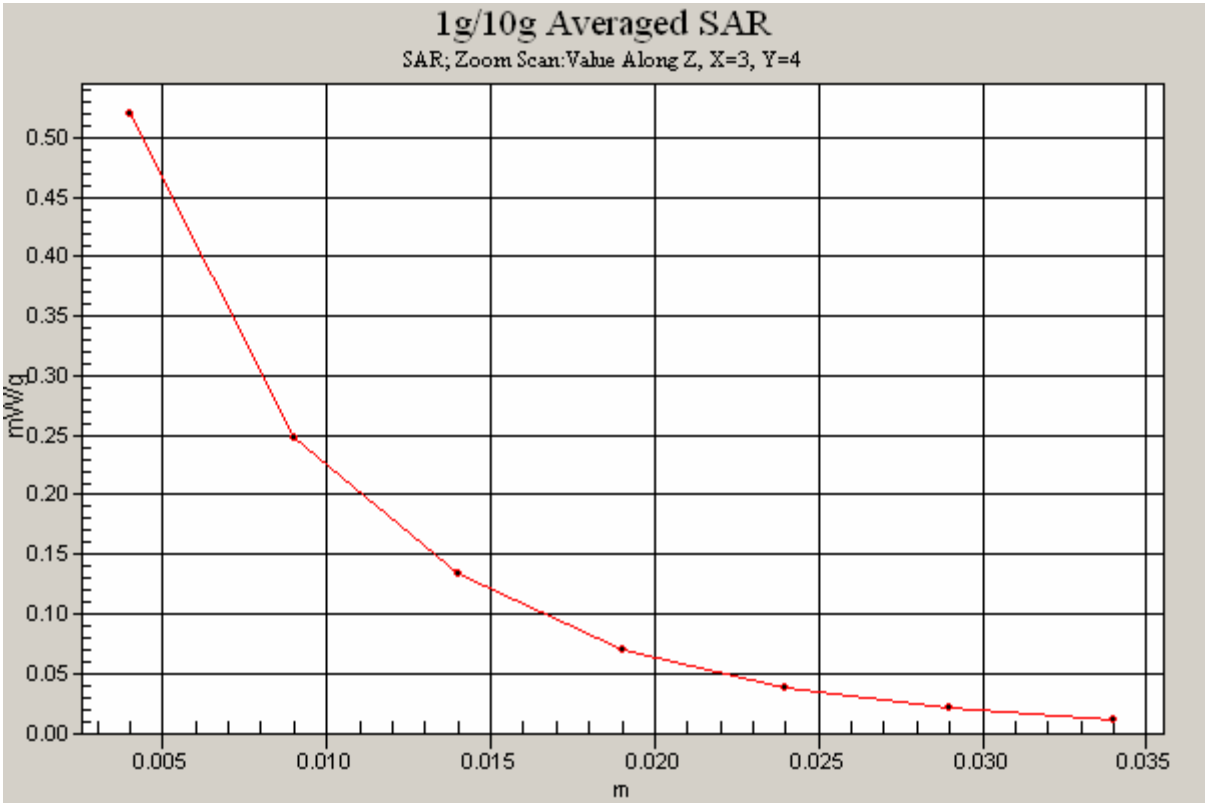
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = 0.479 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.219 mW/g
Maximum value of SAR (measured) = 0.521 mW/g



0 dB = 0.521mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**34.0 %**

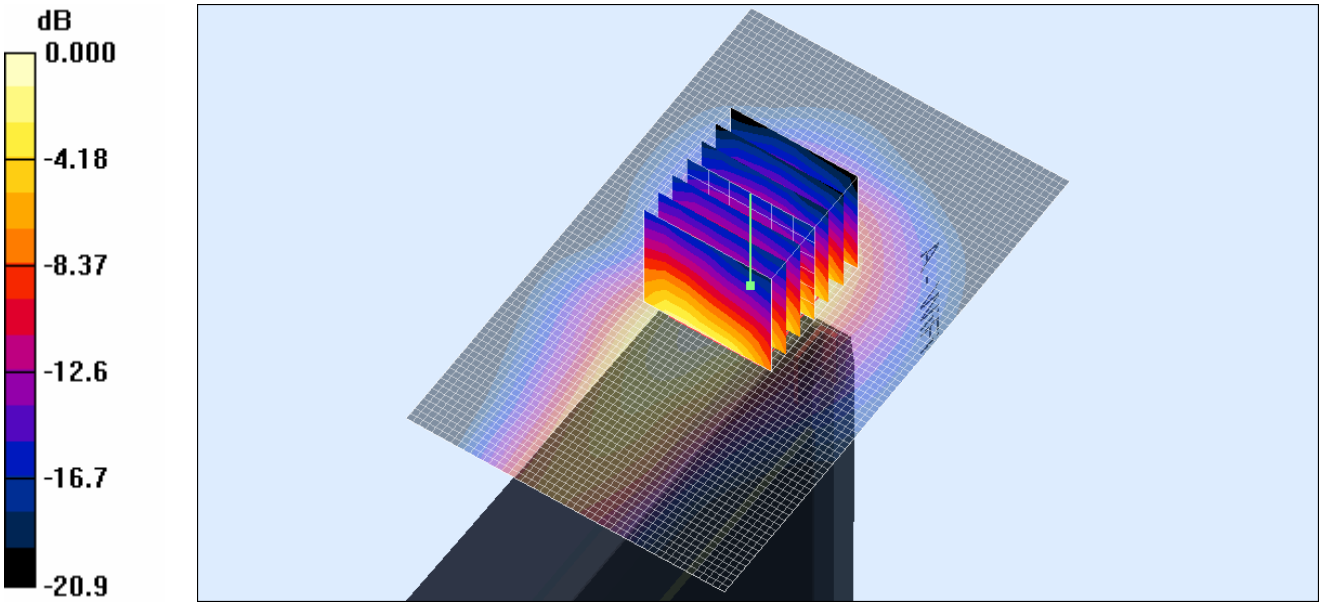


Test Date: 15 September 2010
File Name: M100860 Primary Portrait DSSS 2.4 GHz Antenna A (1) 15-09-10.da4
DUT: Fujitsu Tablet Sparrow with HB92 11abgn; Type: AR5BHB92; Serial: ZX05262263

* Communication System: DSSS 2450 MHz; Frequency: 2462 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.11, 4.11, 4.11)
- 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) = 0.487 mW/g

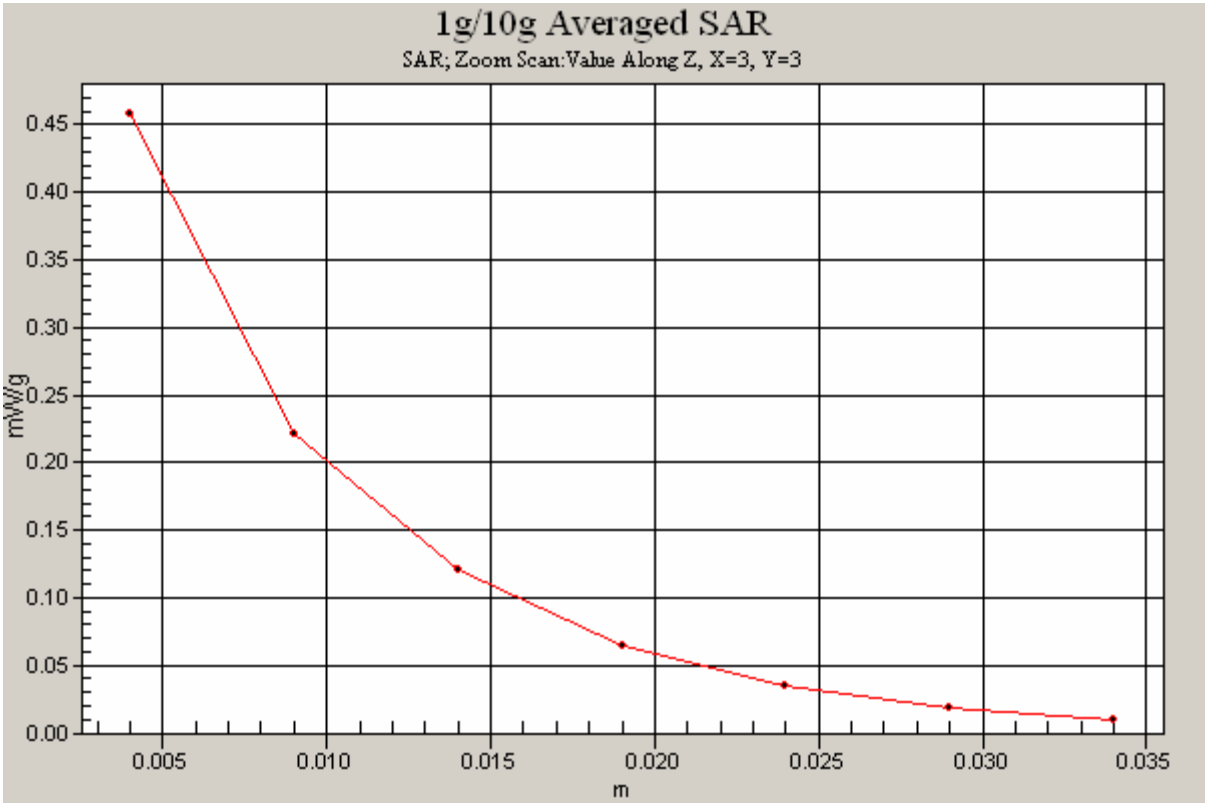
Channel 11 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.0 V/m; Power Drift = 0.111 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.193 mW/g
Maximum value of SAR (measured) = 0.458 mW/g



0 dB = 0.458mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**34.0 %**

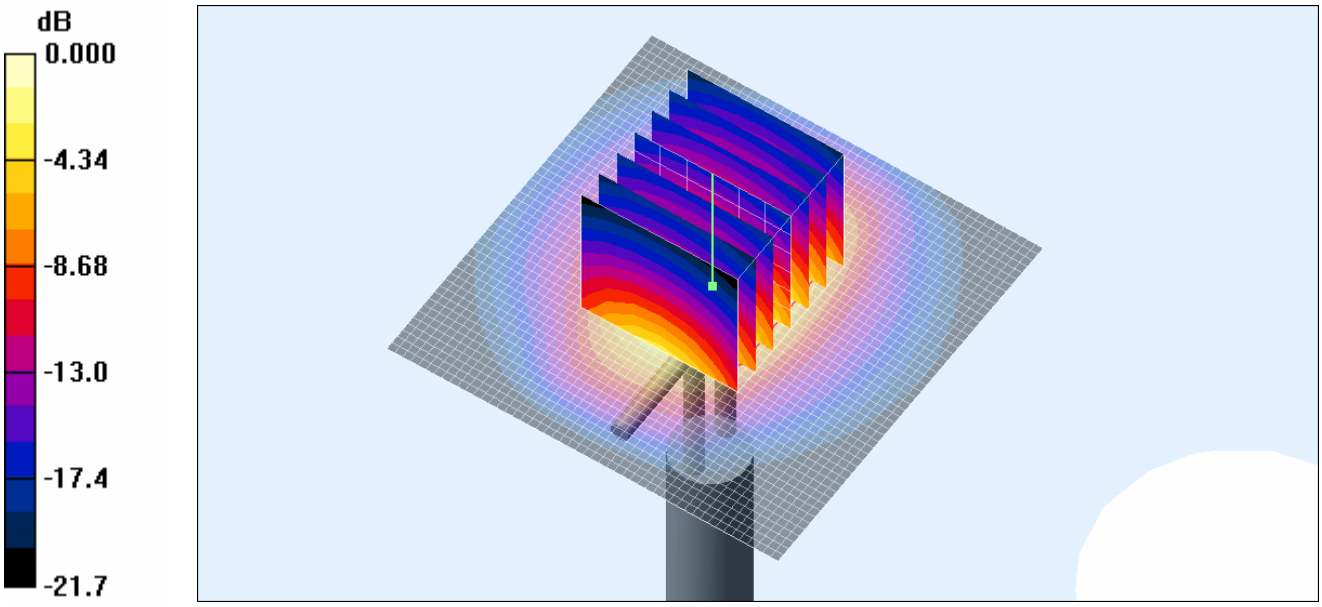


Test Date: 15 September 2010
File Name: System Check 2450 MHz (DAE442 Probe1380) 15-09-10.da4
DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

* 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 = 39.6; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.44, 4.44, 4.44)
- 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) = 19.1 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 97.3 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 29.3 W/kg
SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.38 mW/g
Maximum value of SAR (measured) = 15.1 mW/g



0 dB = 15.1mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**34.0 %**