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 Band Antenna A SAR Measurement Plot Numbers

Test Position	Plot No.	Modulation Type	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Primary Portrait	1	DSSS	1	-	01
	2				06
	3				11
	4	OFDM	6	-	06
	5	MCS0	-	20	06
	6	MCS0	-	40	06
Primary Portrait with 5.2Ah Battery	7	DSSS	1	-	11
Tablet	8	DSSS	1	-	06
Secondary Landscape	9	DSSS	1	-	06

Table: 2450MHz Validation Plot

Plot 10	Validation 2450 MHz 17th August 2009

Test Date: 17 August 2009

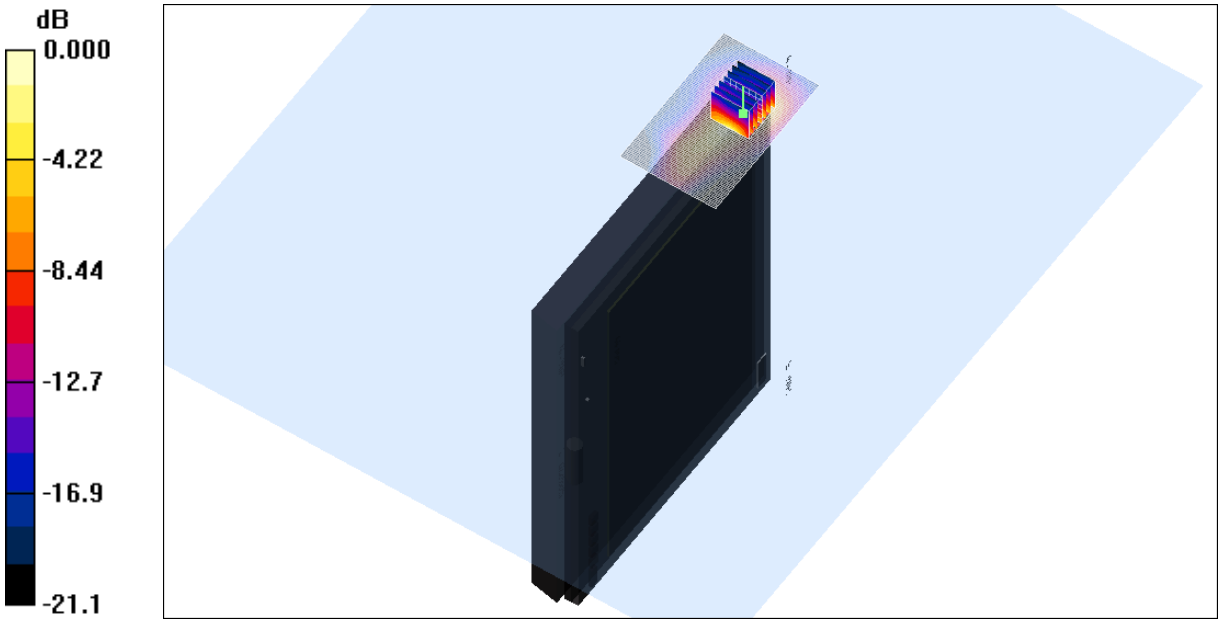
File Name: M090734 Primary Portrait DSSS 2.4 GHz Antenna A (1) 17-08-09.da4

DUT: Fujitsu Tablet Chaldea with SP 11abgn; Type: 512AN_HMW; Serial: MAC: 022FB69A302

* Communication System: DSSS 2450 MHz; Frequency: 2412 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2410 MHz; σ = 1.95 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(3.96, 3.96, 3.96)
- 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) = 0.494 mW/g

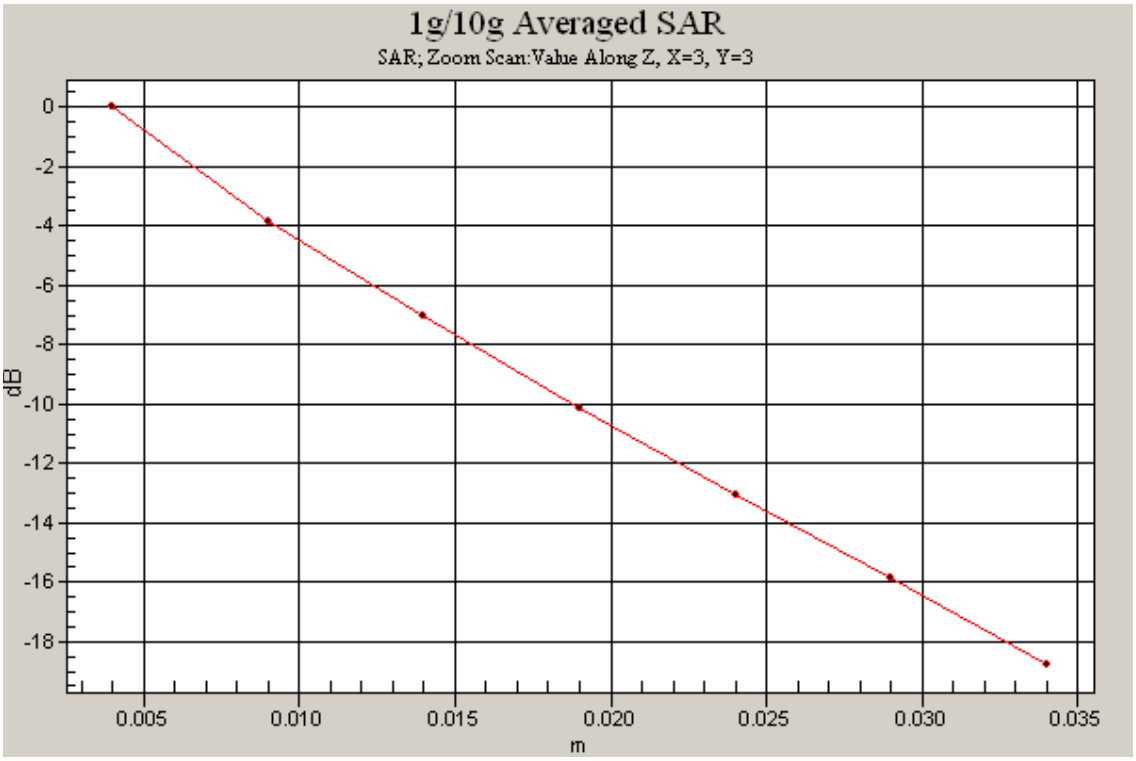
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.3 V/m; Power Drift = -0.242 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.189 mW/g
Maximum value of SAR (measured) = 0.518 mW/g



0 dB = 0.518mW/g

SAR MEASUREMENT PLOT 1

Ambient Temperature	**20.7 Degrees Celsius**
Liquid Temperature	**20.6 Degrees Celsius**
Humidity	**40.0 %**



Test Date: 17 August 2009

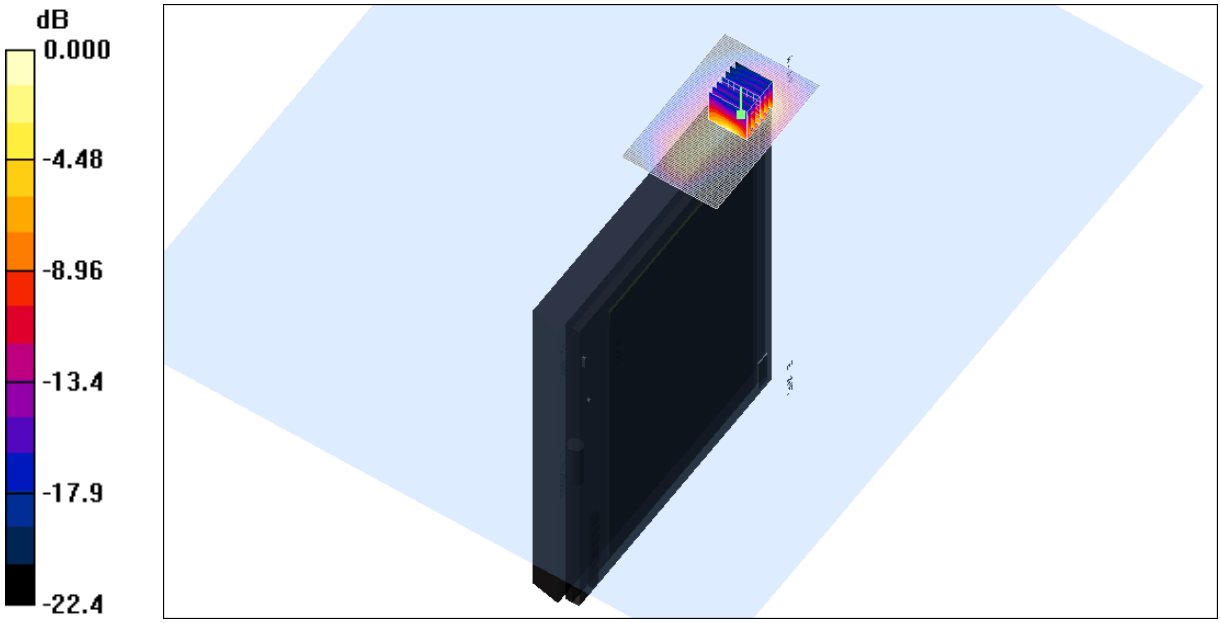
File Name: M090734 Primary Portrait DSSS 2.4 GHz Antenna A (1) 17-08-09.da4

DUT: Fujitsu Tablet Chaldea with SP 11abgn; Type: 512AN_HMW; Serial: MAC: 022FB69A302

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.99 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(3.96, 3.96, 3.96)
- 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) = 0.960 mW/g

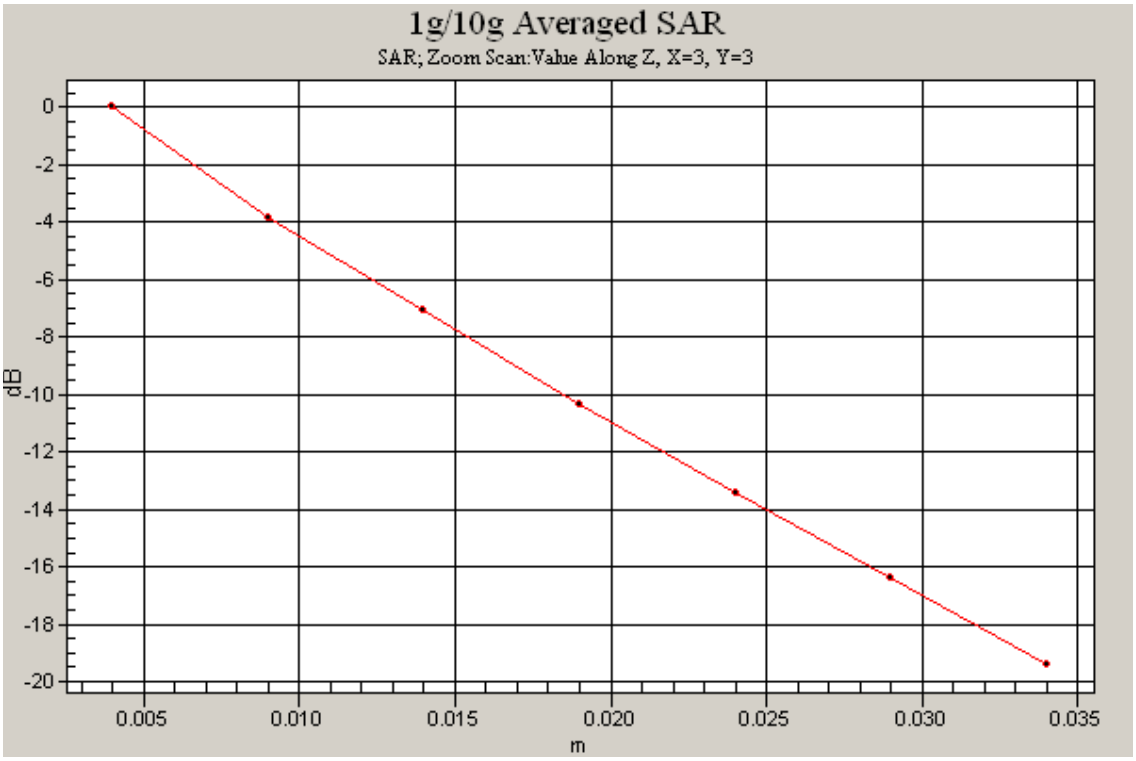
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.8 V/m; Power Drift = -0.306 dB
Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.321 mW/g
Maximum value of SAR (measured) = 0.909 mW/g



0 dB = 0.909mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature	**20.7 Degrees Celsius**
Liquid Temperature	**20.6 Degrees Celsius**
Humidity	**40.0 %**



Test Date: 17 August 2009

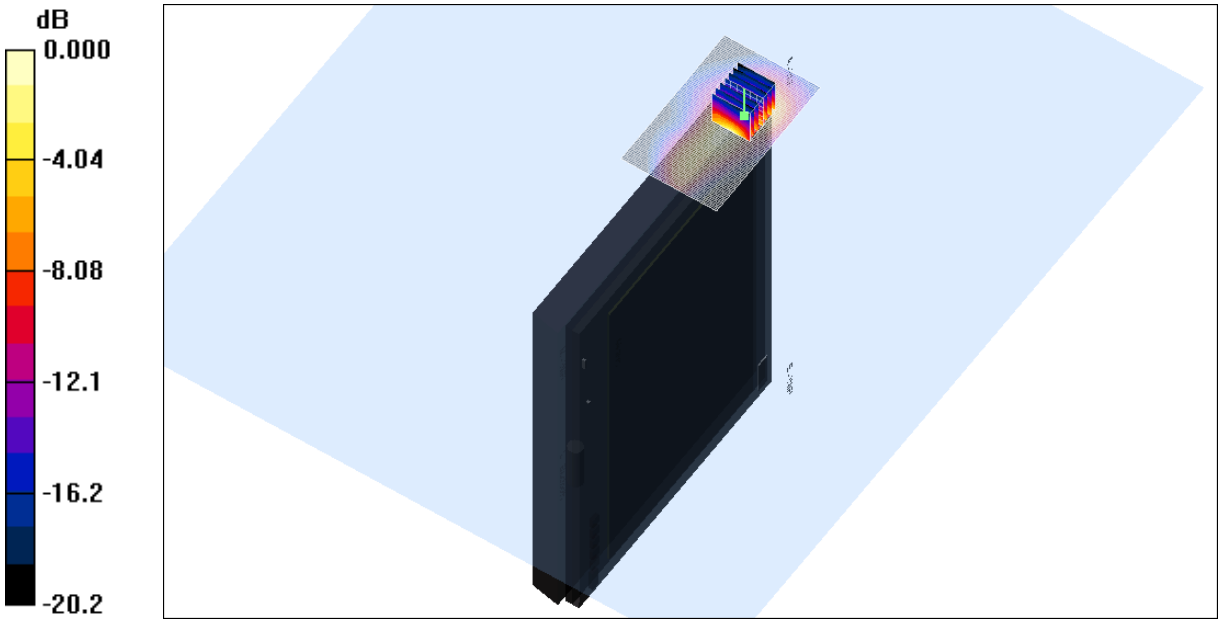
File Name: M090734 Primary Portrait DSSS 2.4 GHz Antenna A (1) 17-08-09.da4

DUT: Fujitsu Tablet Chaldea with SP 11abgn; Type: 512AN_HMW; Serial: MAC: 022FB69A302

* Communication System: DSSS 2450 MHz; Frequency: 2462 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2462 MHz; σ = 2.02 mho/m; ε_r = 51.2; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(3.96, 3.96, 3.96)
- 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) = 0.450 mW/g

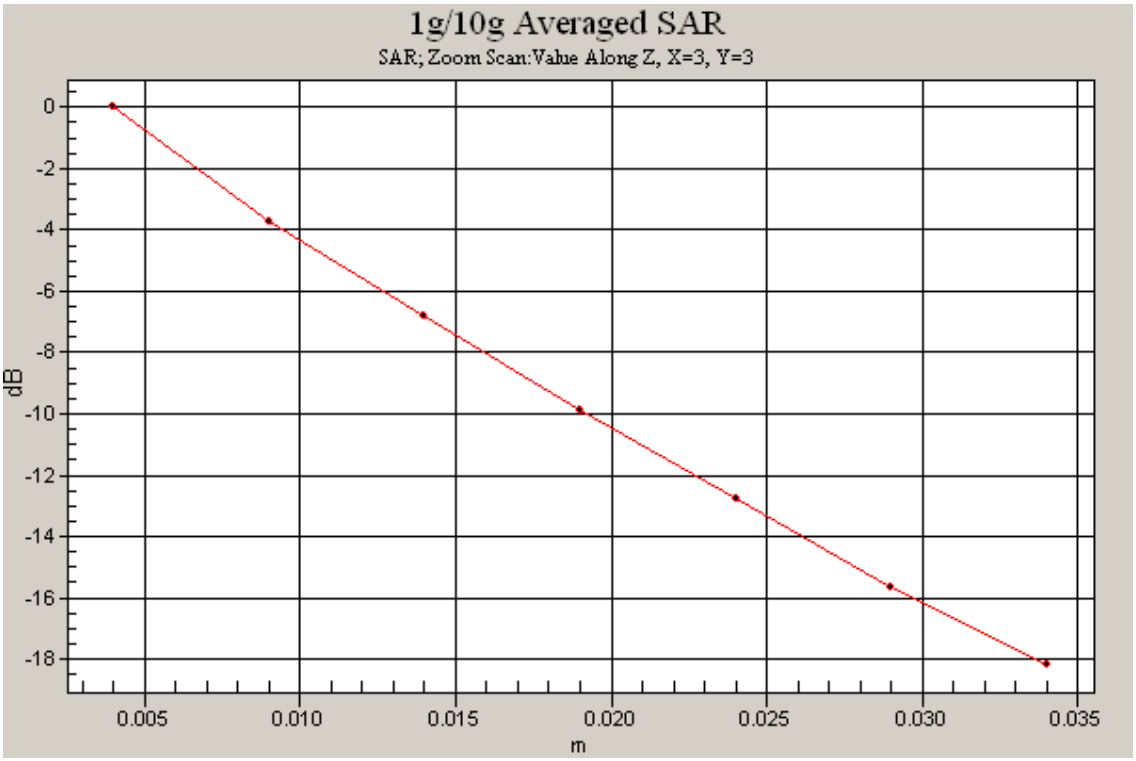
Channel 11 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.0 V/m; Power Drift = -0.065 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.471 mW/g



0 dB = 0.471mW/g

SAR MEASUREMENT PLOT 3

Ambient Temperature	**20.7 Degrees Celsius**
Liquid Temperature	**20.6 Degrees Celsius**
Humidity	**40.0 %**

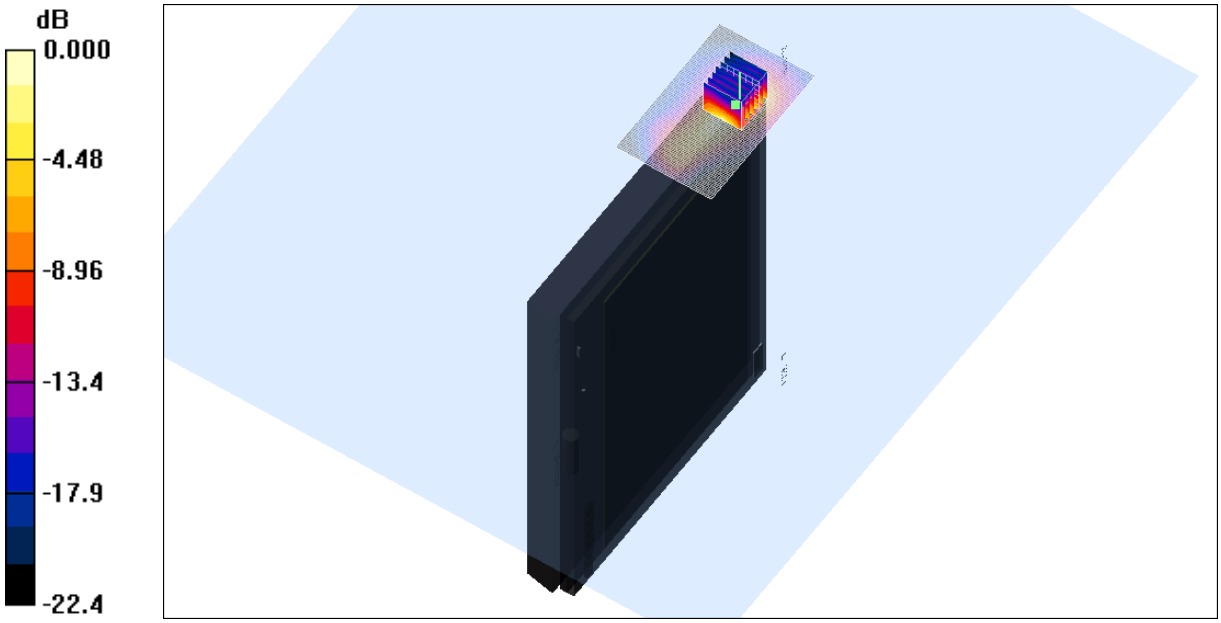


Test Date: 17 August 2009
File Name: M090734 Primary Portrait OFDM 2.4 GHz Antenna A (1) 17-08-09.da4
DUT: Fujitsu Tablet Chaldea with SP 11abgn; Type: 512AN_HMW; Serial: MAC: 022FB69A302

* Communication System: OFDM 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.99 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(3.96, 3.96, 3.96)
- 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) = 0.954 mW/g

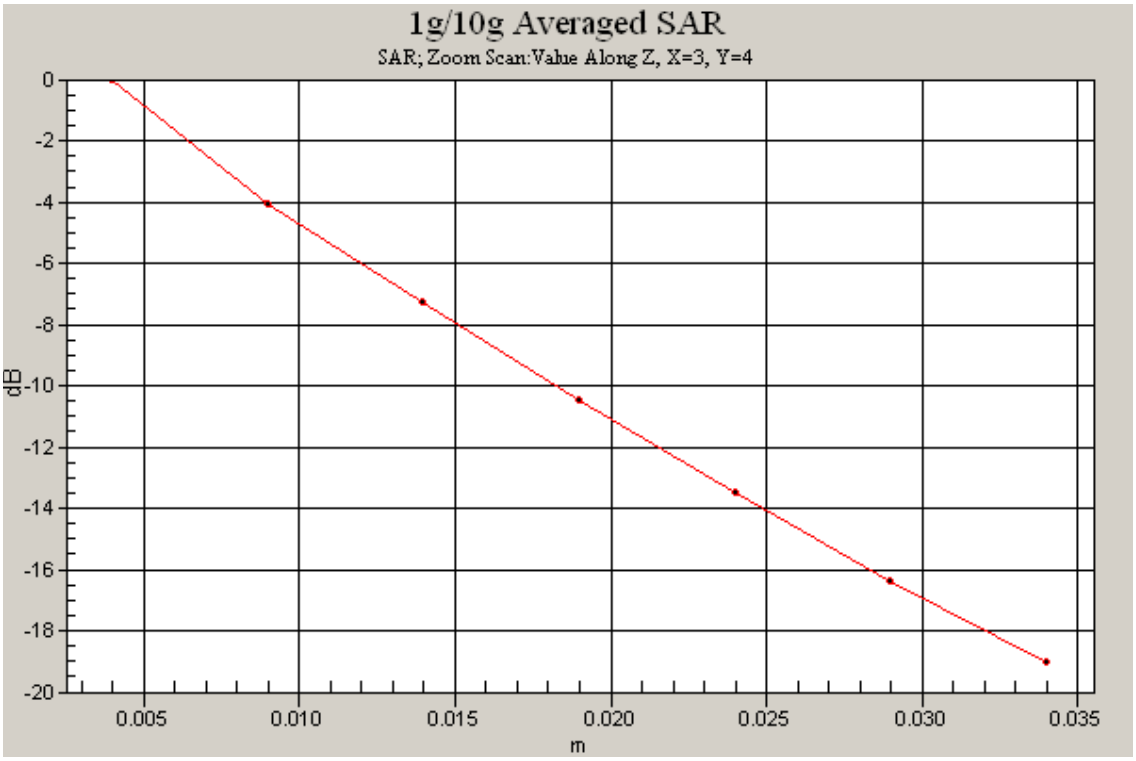
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.0 V/m; Power Drift = -0.443 dB
Peak SAR (extrapolated) = 2.33 W/kg
SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.313 mW/g
Maximum value of SAR (measured) = 0.893 mW/g



0 dB = 0.893mW/g

SAR MEASUREMENT PLOT 4

Ambient Temperature	**20.7 Degrees Celsius**
Liquid Temperature	**20.6 Degrees Celsius**
Humidity	**40.0 %**

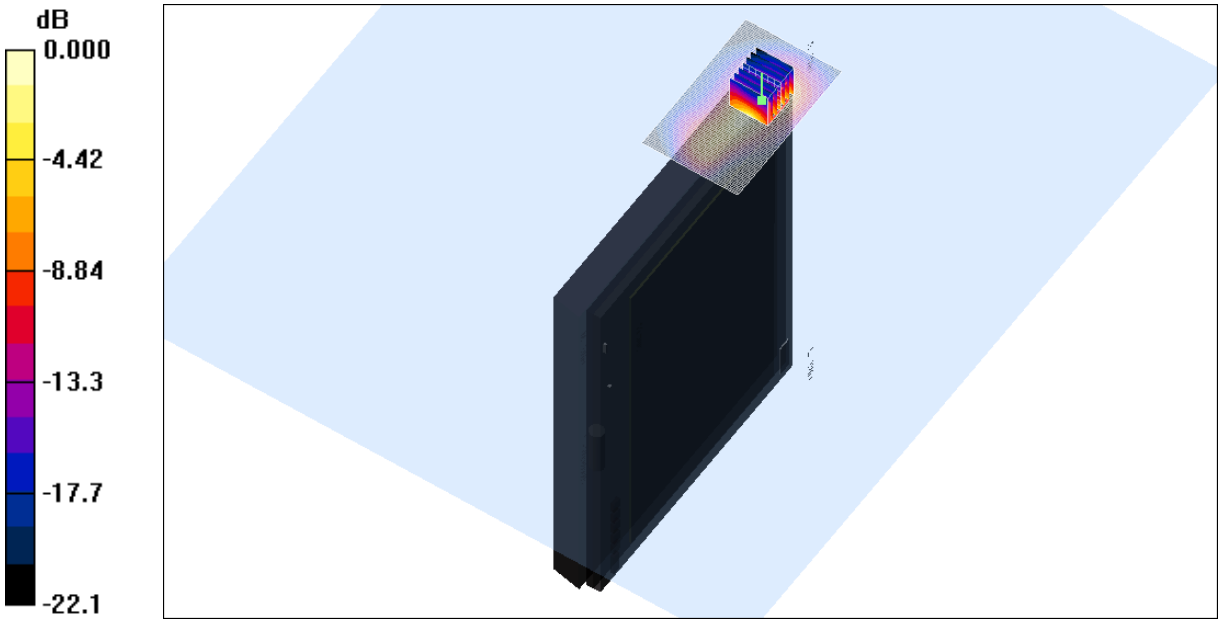


Test Date: 17 August 2009
File Name: M090734 Primary Portrait MCS0-20MHz 2.4 GHz Antenna A (1) 17-08-09.da4
DUT: Fujitsu Tablet Chaldea with SP 11abgn; Type: 512AN_HMW; Serial: MAC: 022FB69A302

* Communication System: OFDM 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.99 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(3.96, 3.96, 3.96)
- 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) = 0.679 mW/g

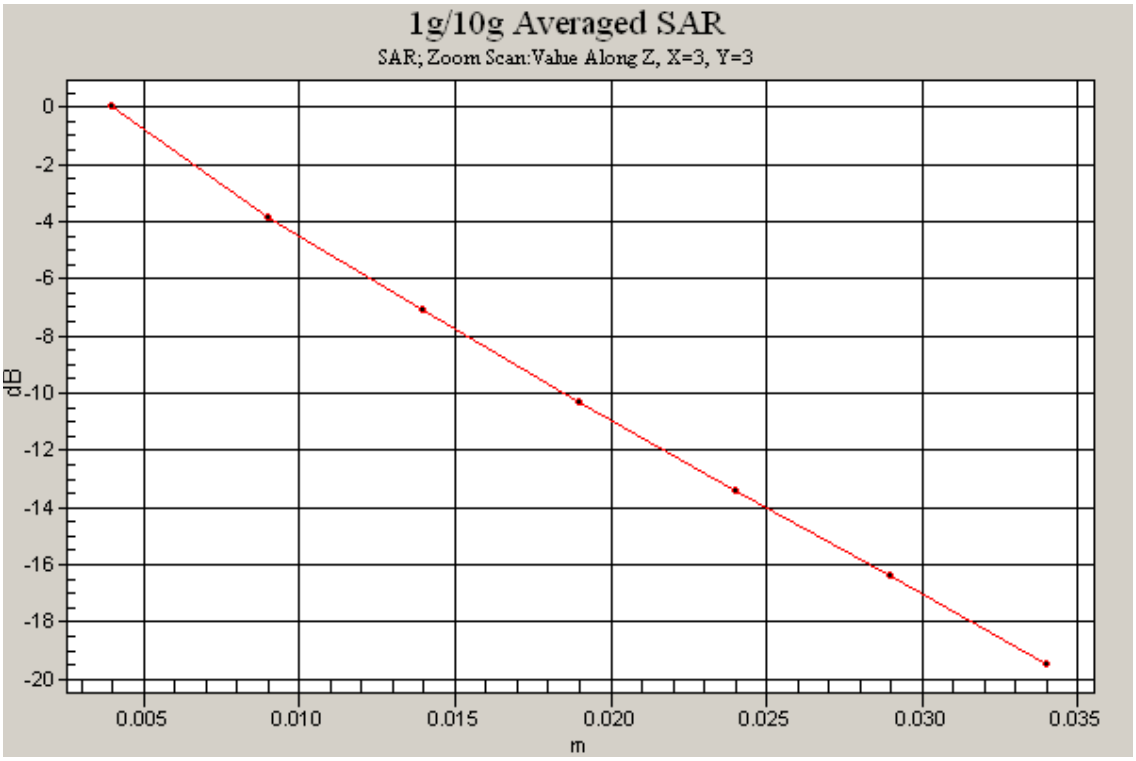
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.3 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.233 mW/g
Maximum value of SAR (measured) = 0.673 mW/g



0 dB = 0.673mW/g

SAR MEASUREMENT PLOT 5

Ambient Temperature	**20.7 Degrees Celsius**
Liquid Temperature	**20.6 Degrees Celsius**
Humidity	**40.0 %**



Test Date: 17 August 2009

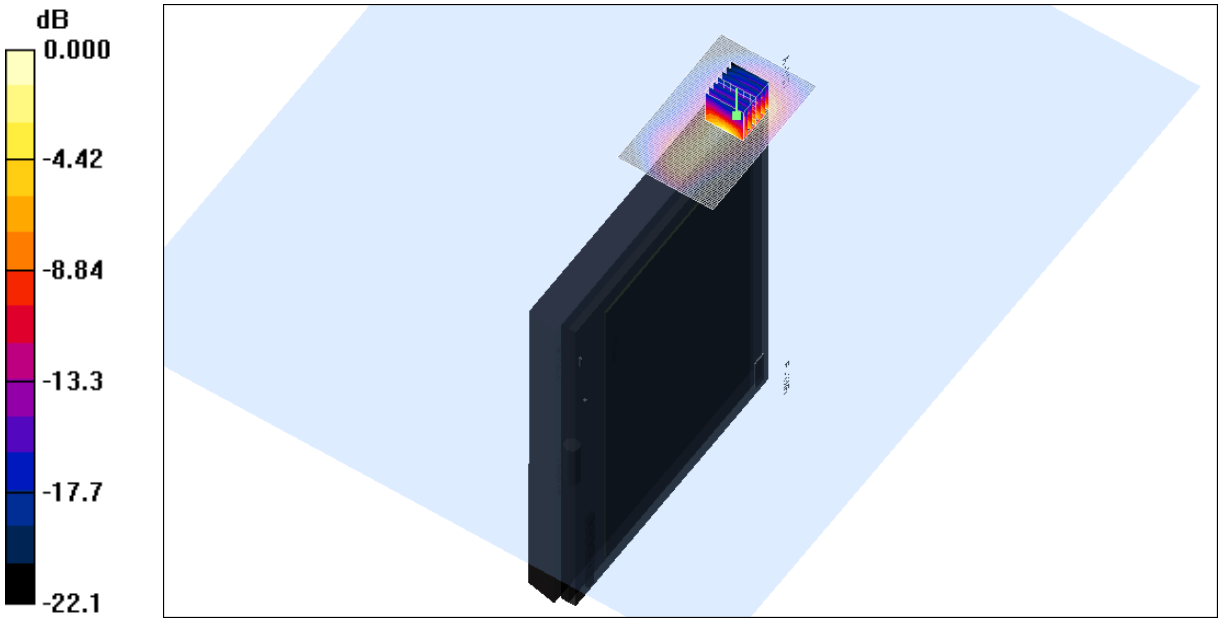
File Name: M090734 Primary Portrait MCS0-40MHz 2.4 GHz Antenna A (1) 17-08-09.da4

DUT: Fujitsu Tablet Chaldea with SP 11abgn; Type: 512AN_HMW; Serial: MAC: 022FB69A302

* Communication System: OFDM 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.99 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(3.96, 3.96, 3.96)
- 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) = 0.691 mW/g

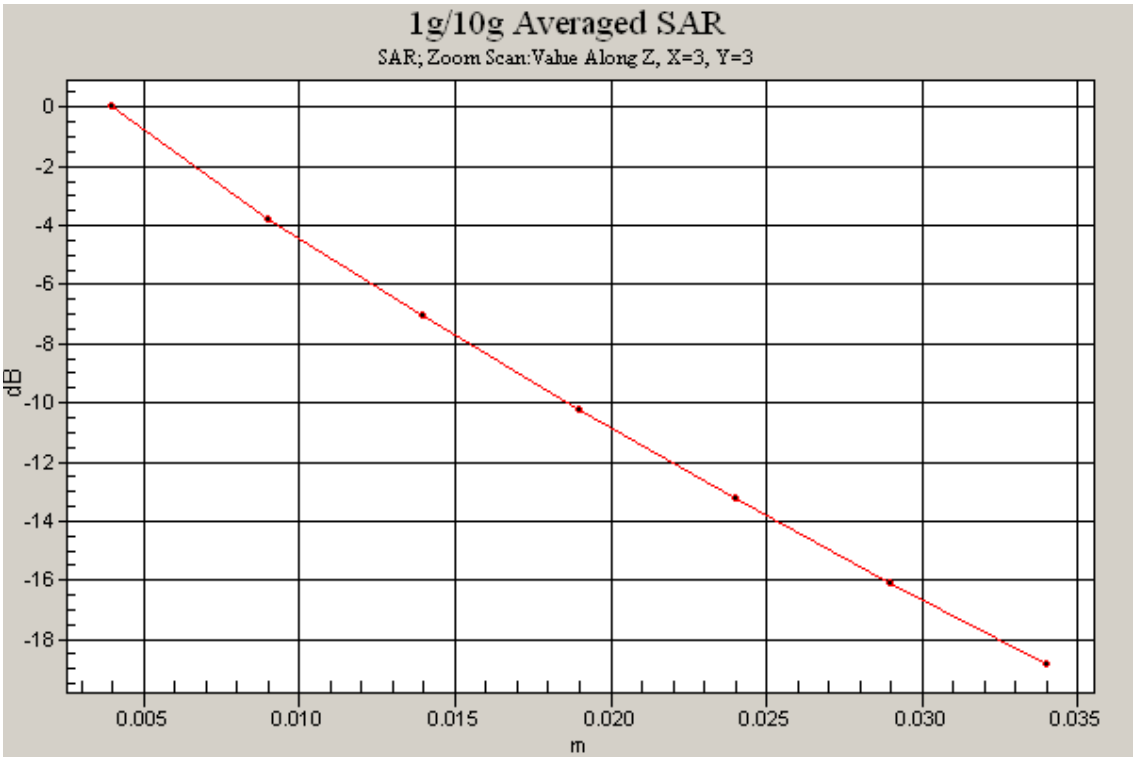
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.4 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.233 mW/g
Maximum value of SAR (measured) = 0.664 mW/g



0 dB = 0.664mW/g

SAR MEASUREMENT PLOT 6

Ambient Temperature	**20.7 Degrees Celsius**
Liquid Temperature	**20.6 Degrees Celsius**
Humidity	**40.0 %**



Test Date: 17 August 2009

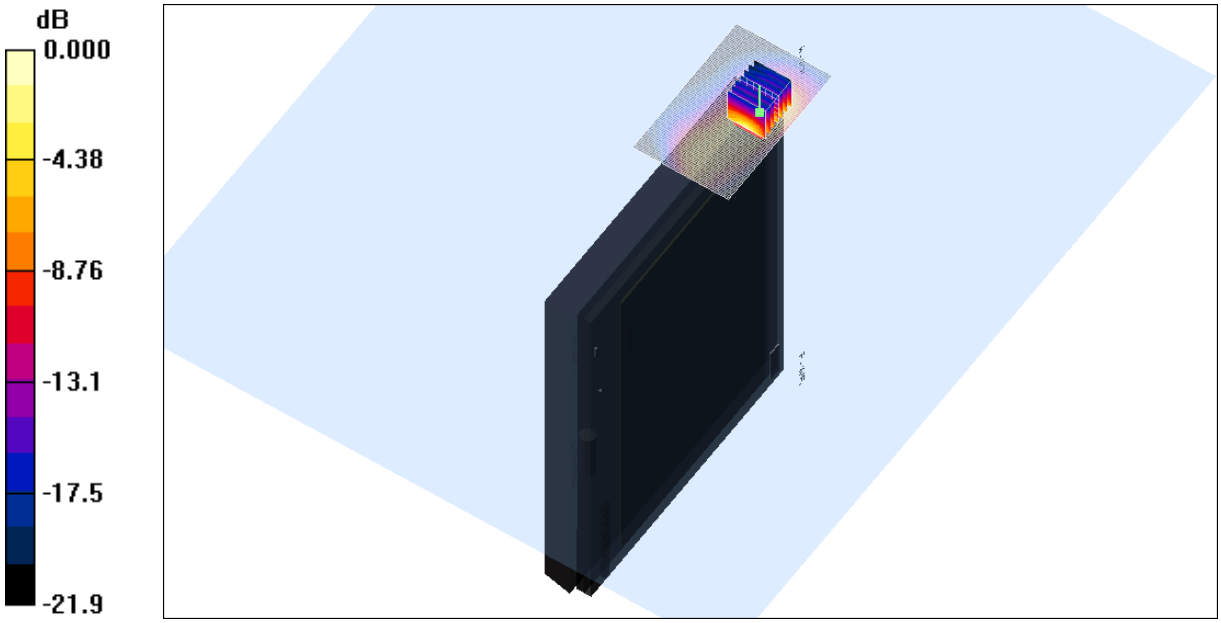
File Name: M090734 Primary Portrait DSSS 2.4 GHz Antenna A (1) 5.2 Ah Battery 17-08-09.da4

DUT: Fujitsu Tablet Chaldea with SP 11abgn; Type: 512AN_HMW; Serial: MAC: 022FB69A302

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.99 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(3.96, 3.96, 3.96)
- 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) = 0.534 mW/g

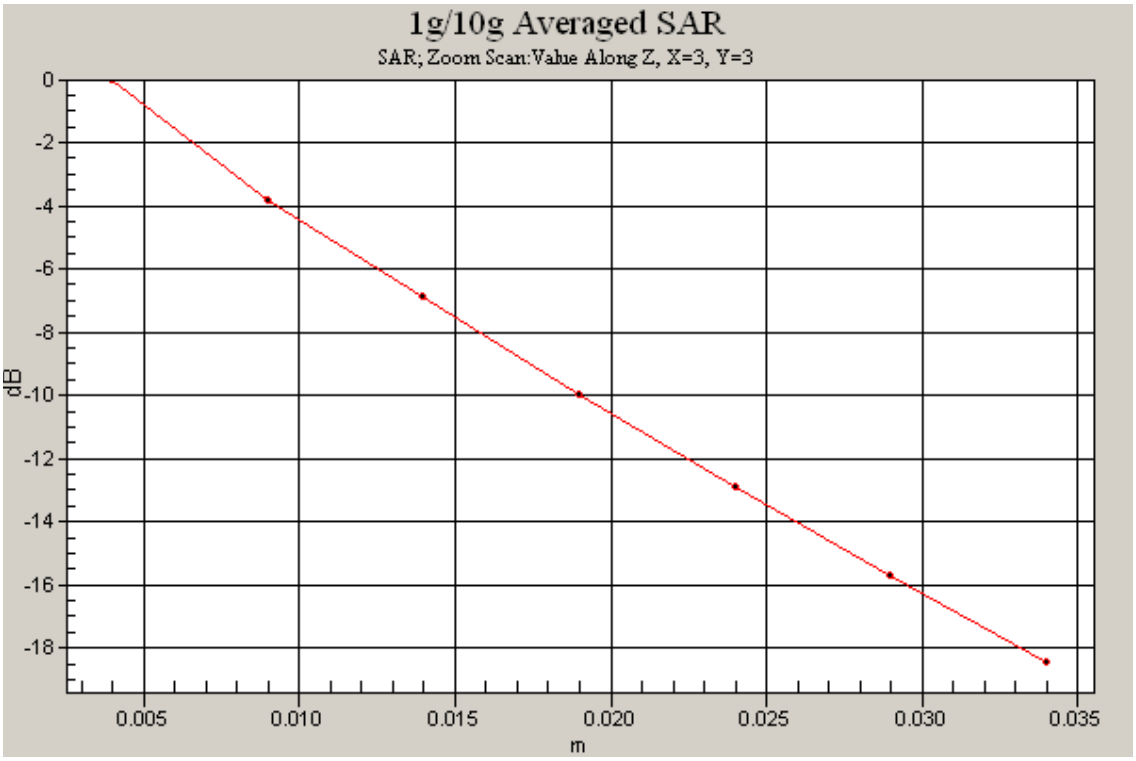
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = -0.211 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 0.746 mW/g



0 dB = 0.746mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature	**20.7 Degrees Celsius**
Liquid Temperature	**20.6 Degrees Celsius**
Humidity	**40.0 %**

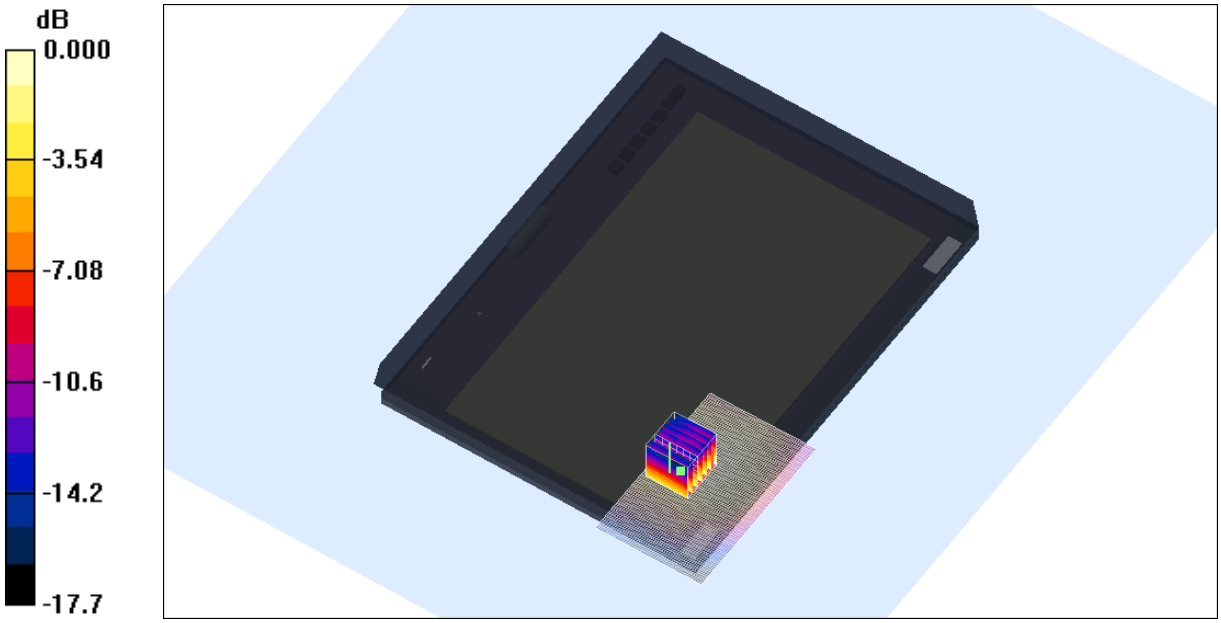


Test Date: 17 August 2009
File Name: M090734 Tablet DSSS 2.4 GHz Antenna A (1) 17-08-09.da4
DUT: Fujitsu Tablet Chaldea with SP 11abgn; Type: 512AN_HMW; Serial: MAC: 022FB69A302

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.99 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(3.96, 3.96, 3.96)
- 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) = 0.214 mW/g

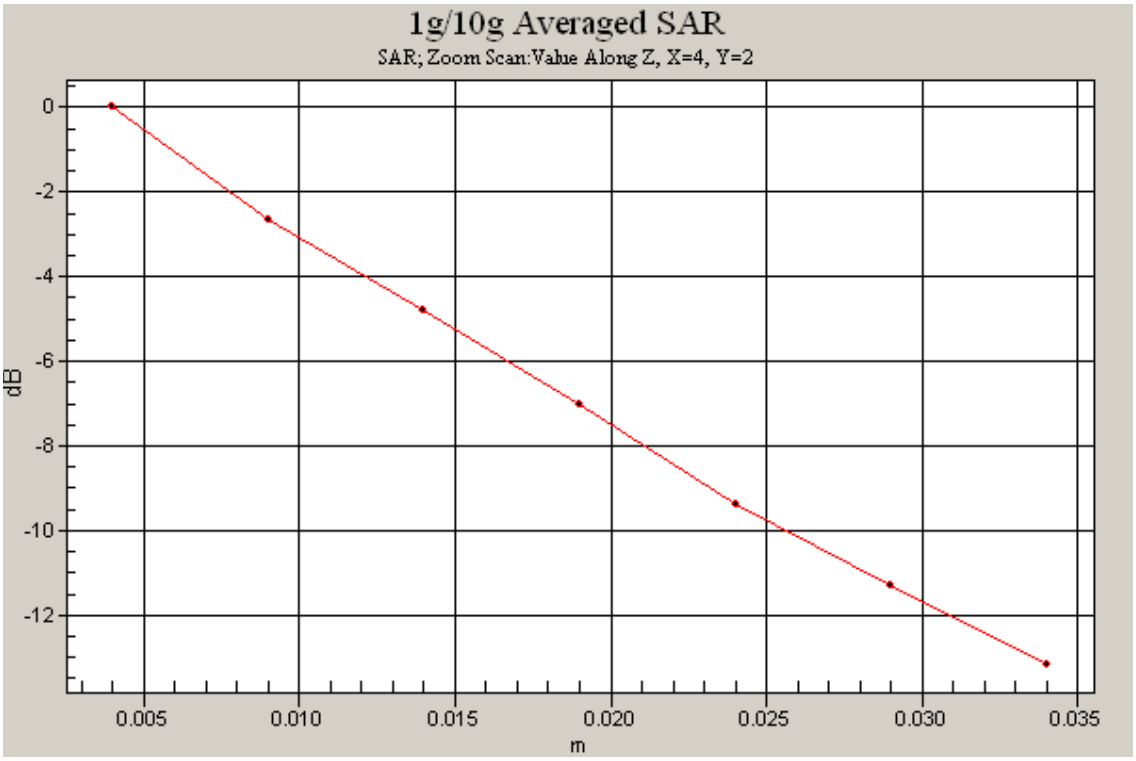
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.75 V/m; Power Drift = 0.161 dB
Peak SAR (extrapolated) = 0.413 W/kg
SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.212 mW/g



0 dB = 0.212mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature	**20.7 Degrees Celsius**
Liquid Temperature	**20.6 Degrees Celsius**
Humidity	**40.0 %**



Test Date: 17 August 2009

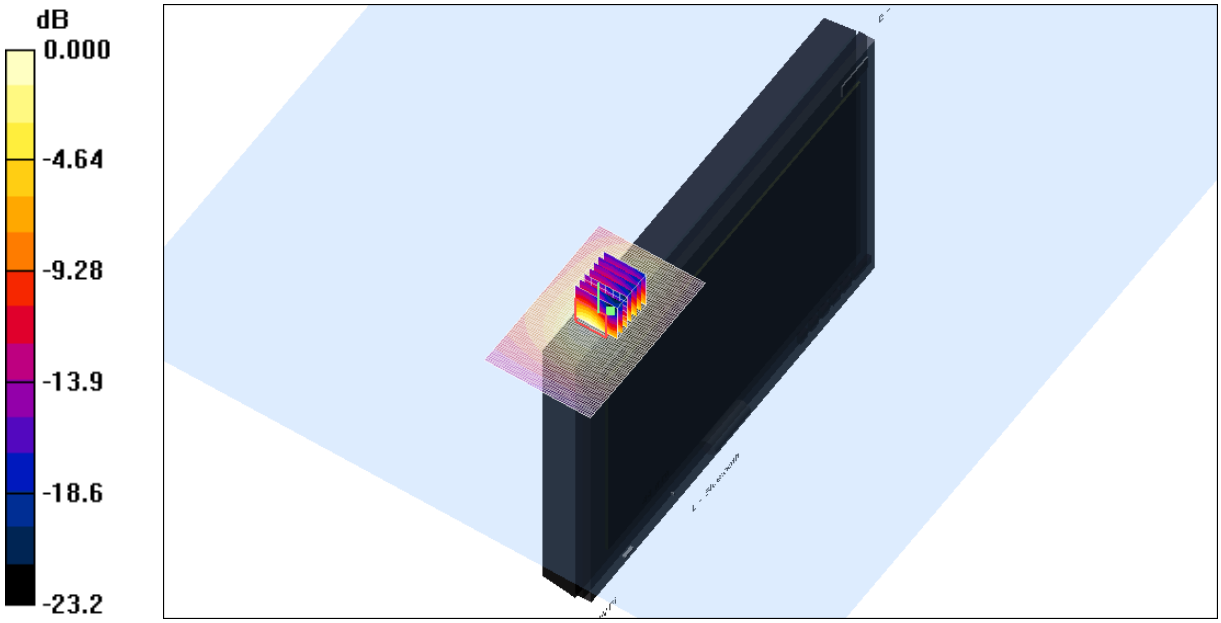
File Name: M090734 Secondary Landscape DSSS 2.4 GHz Antenna A (1) 17-08-09.da4

DUT: Fujitsu Tablet Chaldea with SP 11abgn; Type: 512AN_HMW; Serial: MAC: 022FB69A302

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.99 mho/m; ε_r = 51.3; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(3.96, 3.96, 3.96)
- 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) = 0.315 mW/g

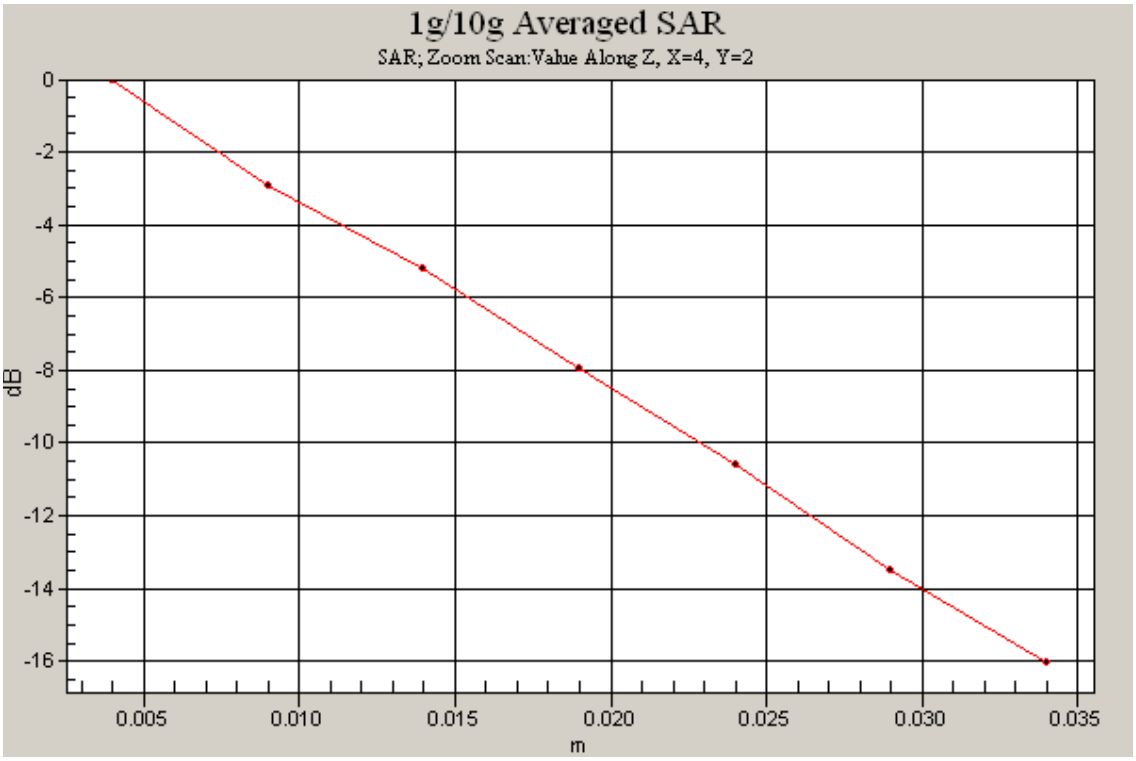
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.31 V/m; Power Drift = -0.214 dB
Peak SAR (extrapolated) = 0.701 W/kg
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.161 mW/g
Maximum value of SAR (measured) = 0.336 mW/g



0 dB = 0.336mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature	**20.7 Degrees Celsius**
Liquid Temperature	**20.6 Degrees Celsius**
Humidity	**40.0 %**

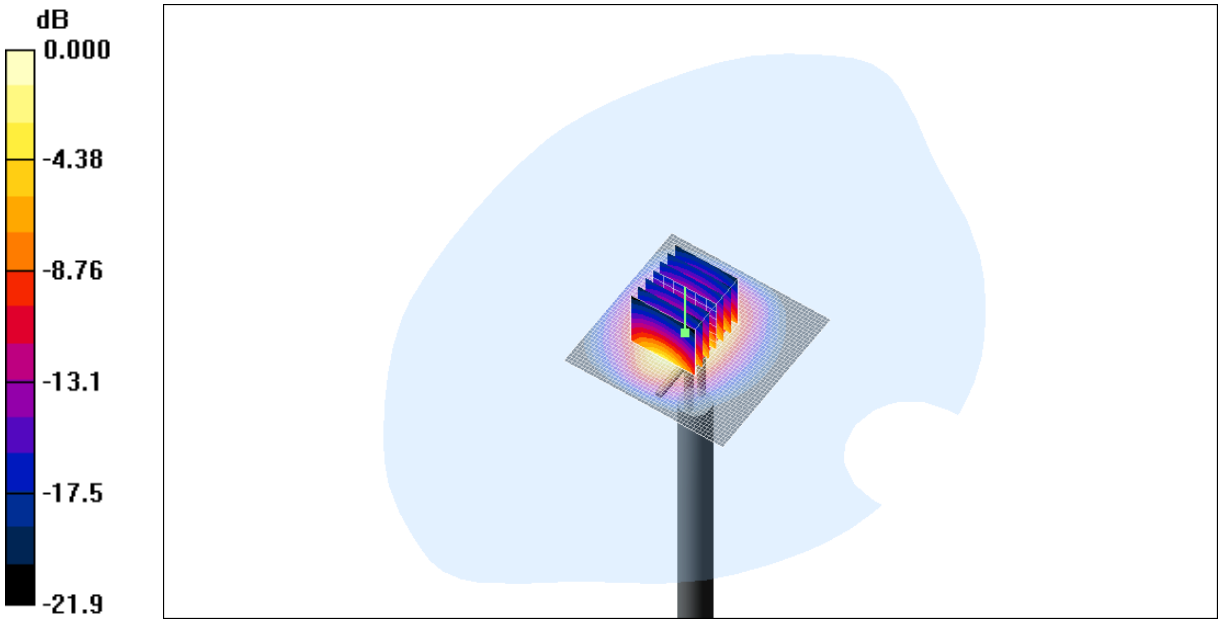


Test Date: 17 August 2009
File Name: Validation 2450 MHz (DAE442 Probe1380) 17-08-09.da4
DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

* Communication System: CW 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2450 MHz; σ = 1.87 mho/m; ε_r = 37.8; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.52, 4.52, 4.52)
- 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) = 17.5 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.4 V/m; Power Drift = 0.054 dB
Peak SAR (extrapolated) = 29.2 W/kg
SAR(1 g) = 13.4 mW/g; SAR(10 g) = 6.2 mW/g
Maximum value of SAR (measured) = 14.9 mW/g



0 dB = 14.9mW/g

SAR MEASUREMENT PLOT __

Ambient Temperature	**20.7 Degrees Celsius**
Liquid Temperature	**20.6 Degrees Celsius**
Humidity	**40.0 %**