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
Primary Portrait	**1**	B	1	-	06

Table: 2450 MHz OFDM Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Primary Portrait	**2**	B	6	-	06
	3	B	HT0	20	06
	4	B	HT0	40	03
	5	B	HT0	40	06
	6	B	HT0	40	09
	7	A	HT0	40	06
Tablet	**8**	A	HT0	40	06
	9	B	HT0	40	06
Secondary Portrait	**10**	A	HT0	40	06

Table: 2450MHz Validation Plot

Plot 11	Validation 2450 MHz 16th November 2009

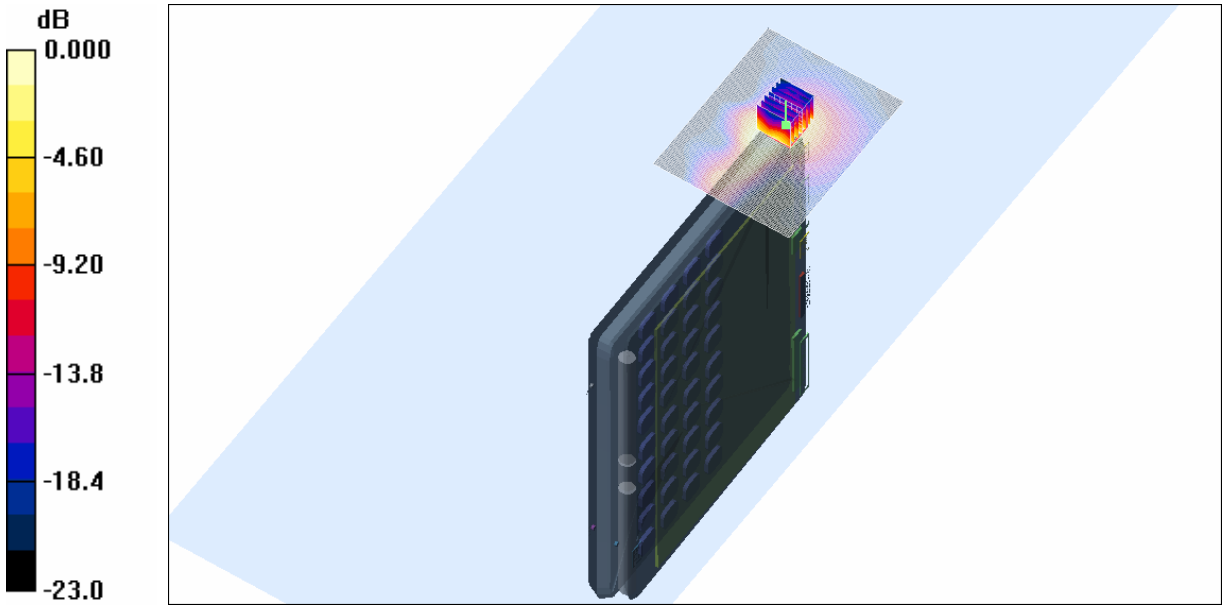
Test Date: 16 November 2009

File Name: M091069 Edge On Primary Portrait DSSS 2450 MHz Antenna B (2) 16-11-09.da4
DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.95 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 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.170 mW/g

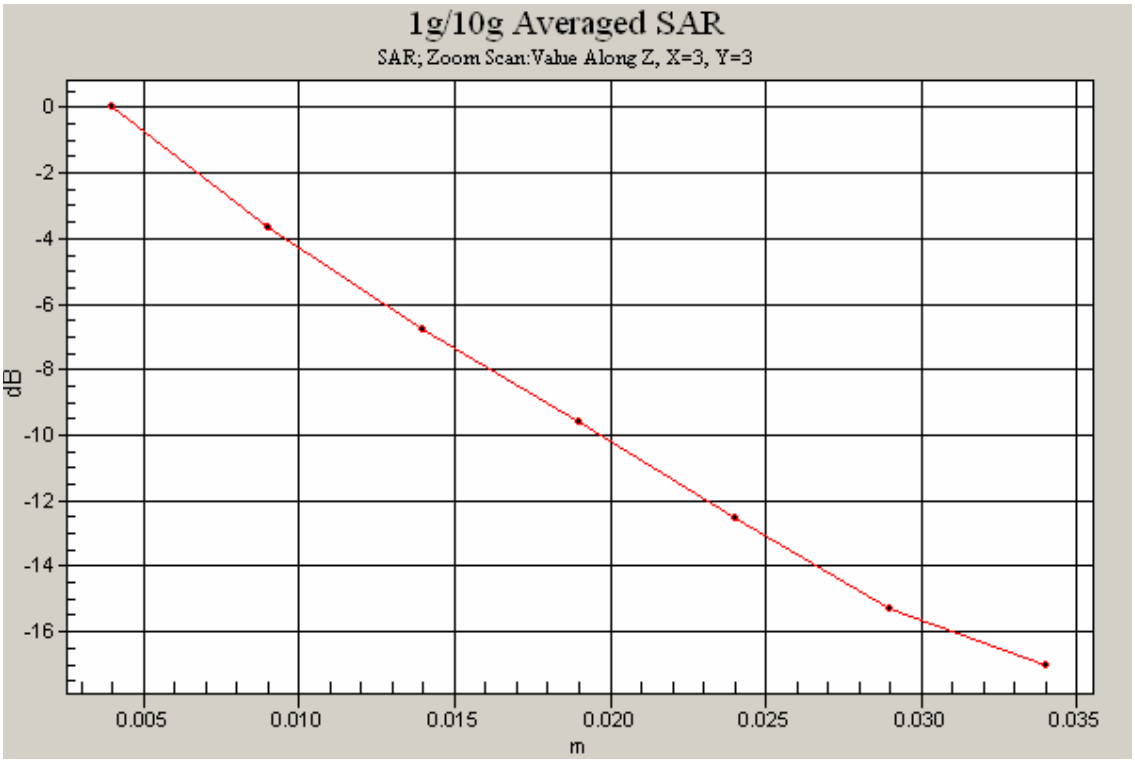
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.13 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 0.399 W/kg
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.180 mW/g



0 dB = 0.180mW/g

SAR MEASUREMENT PLOT 1

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**60.0 %**



Test Date: 16 November 2009

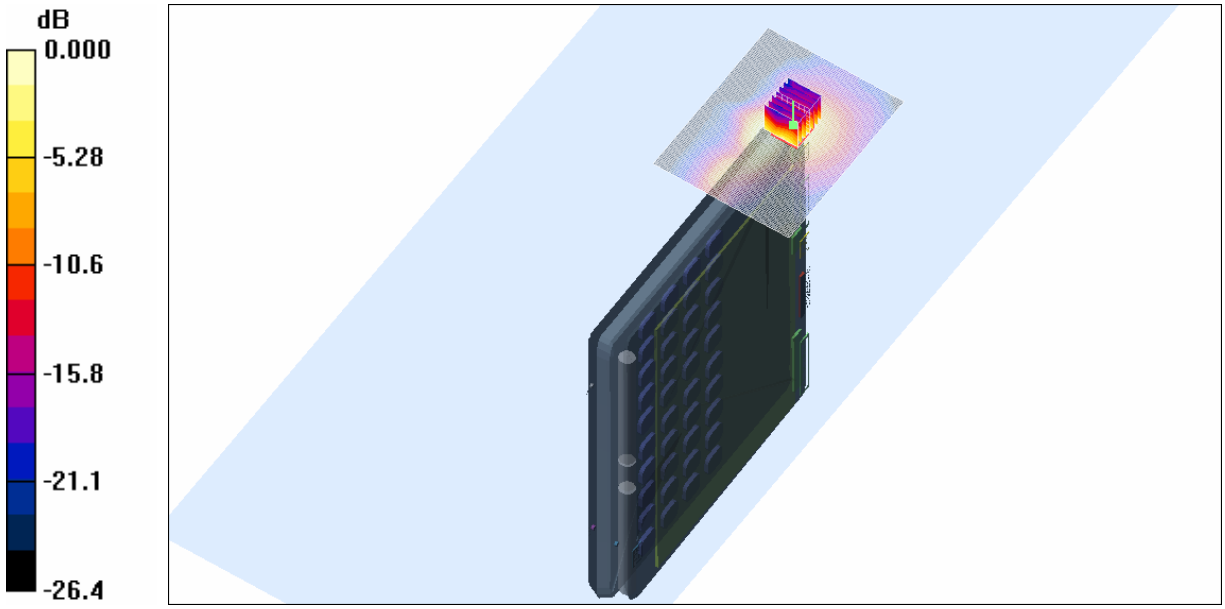
File Name: M091069 Edge On Primary Portrait OFDM 2450 MHz Antenna B (2) 16-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: OFDM 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.95 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 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.142 mW/g

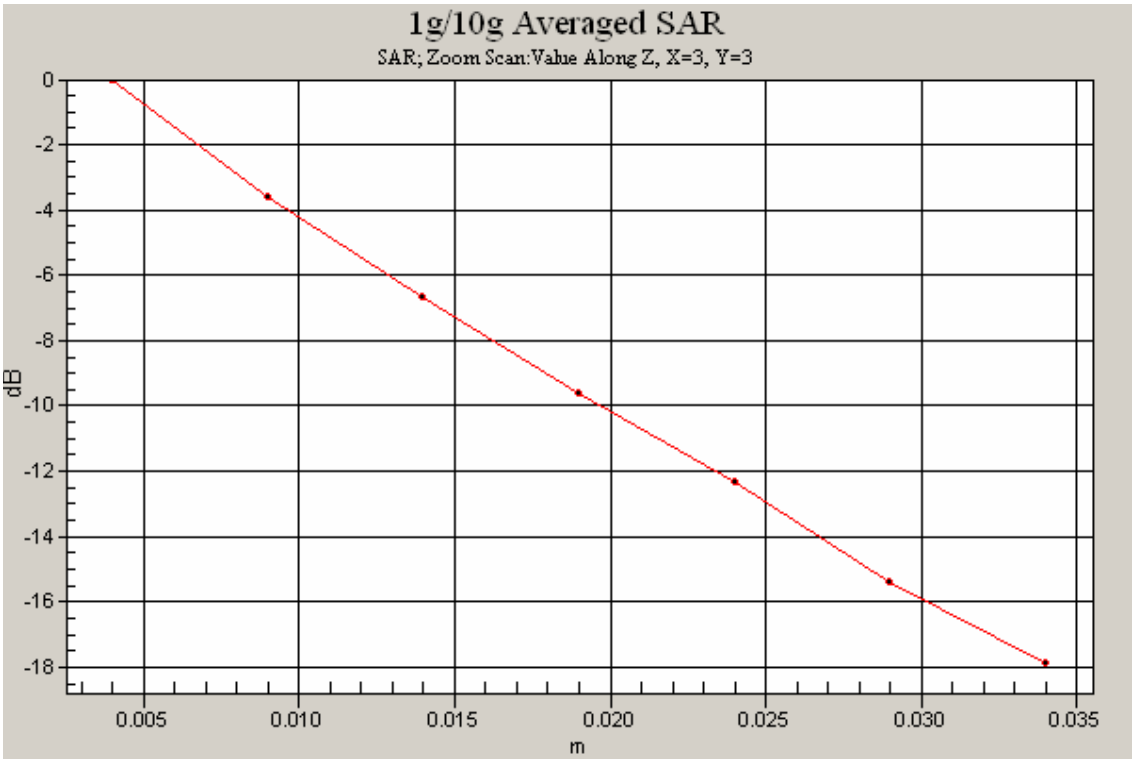
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.33 V/m; Power Drift = -0.490 dB
Peak SAR (extrapolated) = 0.451 W/kg
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**60.0 %**



Test Date: 16 November 2009

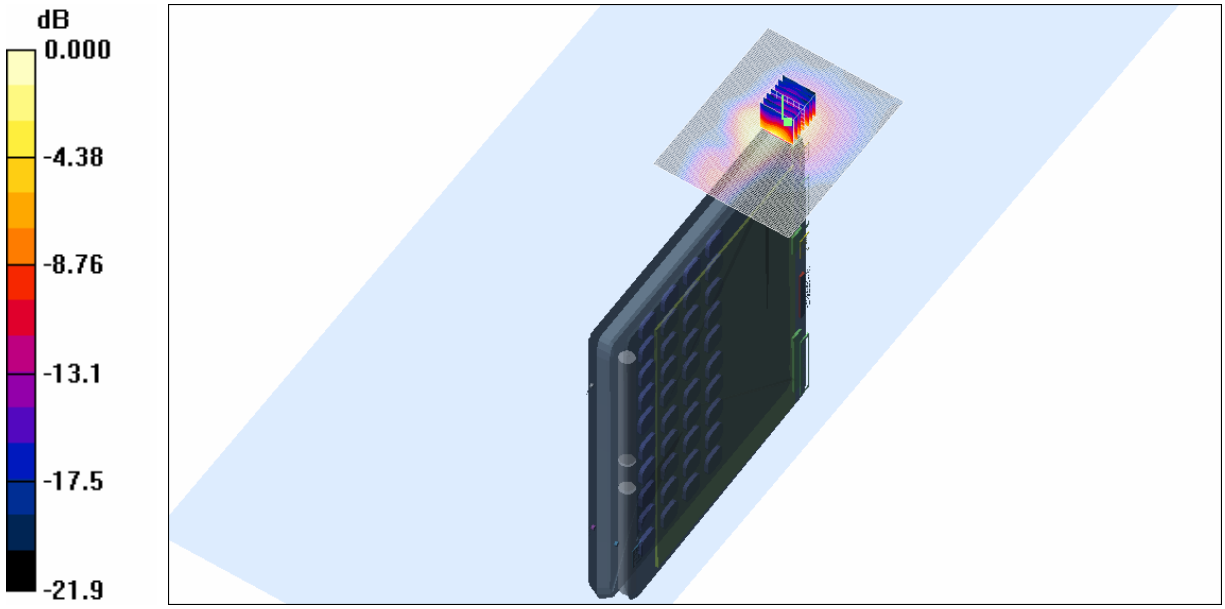
File Name: M091069 Edge On Primary Portrait OFDM HT0(20MHz) 2450 MHz Antenna B (2) 16-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: OFDM 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.95 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 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.181 mW/g

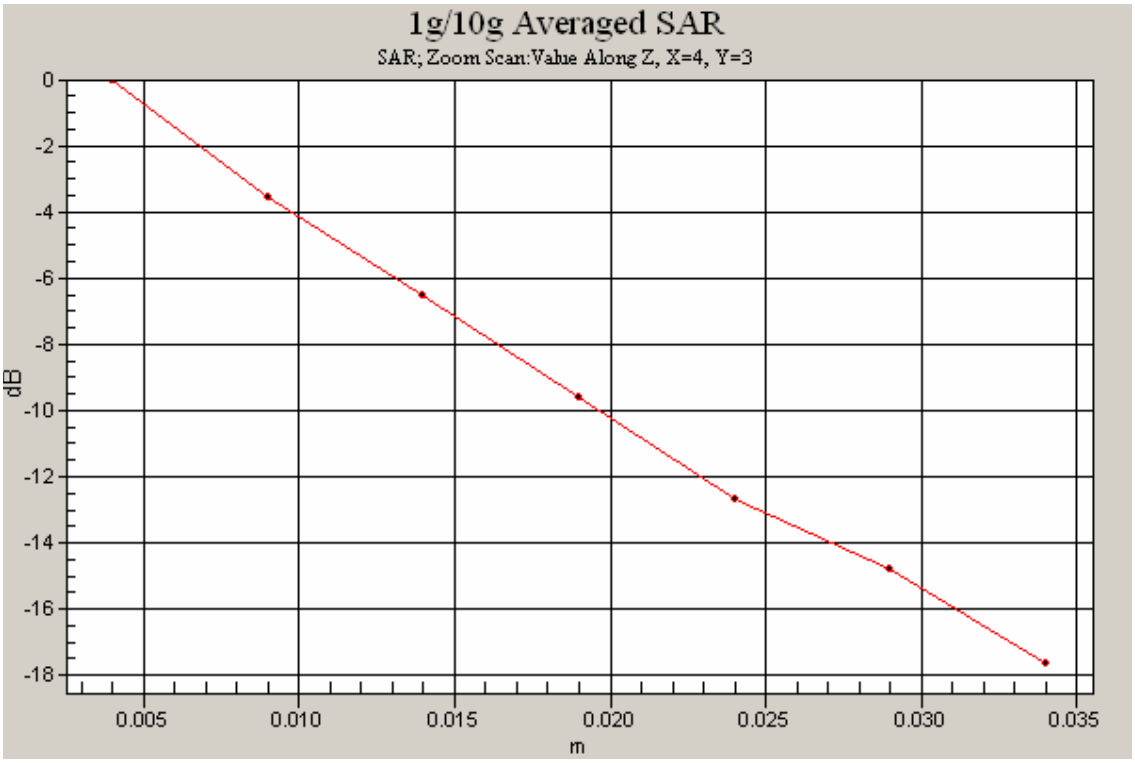
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.02 V/m; Power Drift = -0.204 dB
Peak SAR (extrapolated) = 0.462 W/kg
SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.187 mW/g



0 dB = 0.187mW/g

SAR MEASUREMENT PLOT 3

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**60.0 %**



Test Date: 16 November 2009

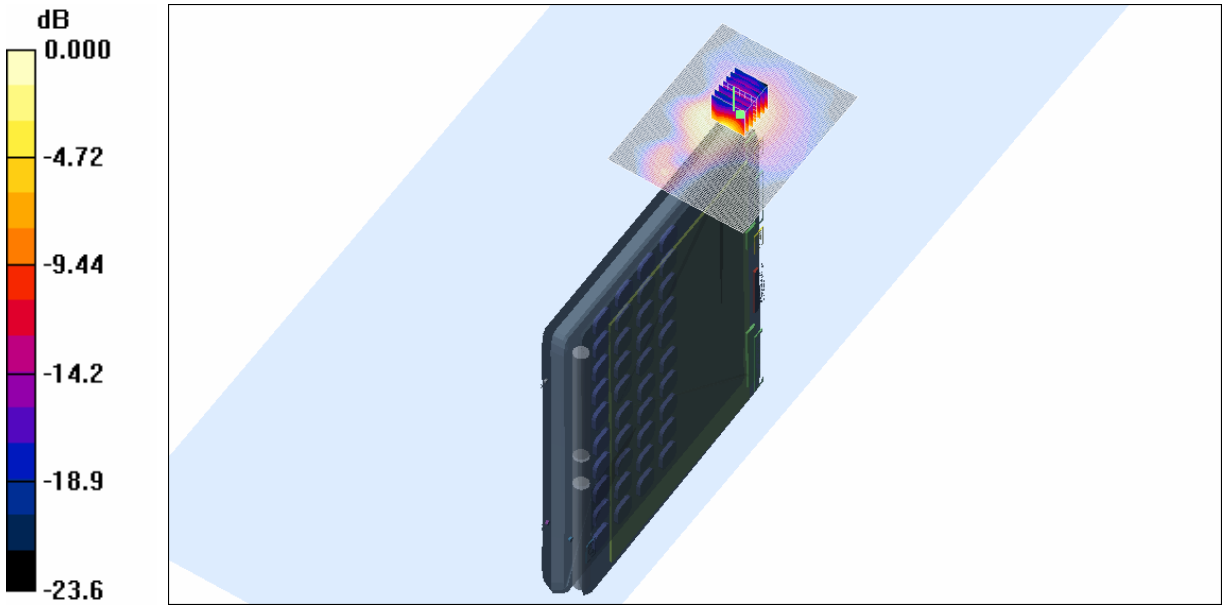
File Name: M091069 Edge On Primary Portrait OFDM HT0(40MHz) 2450 MHz Antenna B (2) 16-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: 40MHz HT0 2450 MHz; Frequency: 2422 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2422 MHz; σ = 1.93 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 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 3 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.139 mW/g

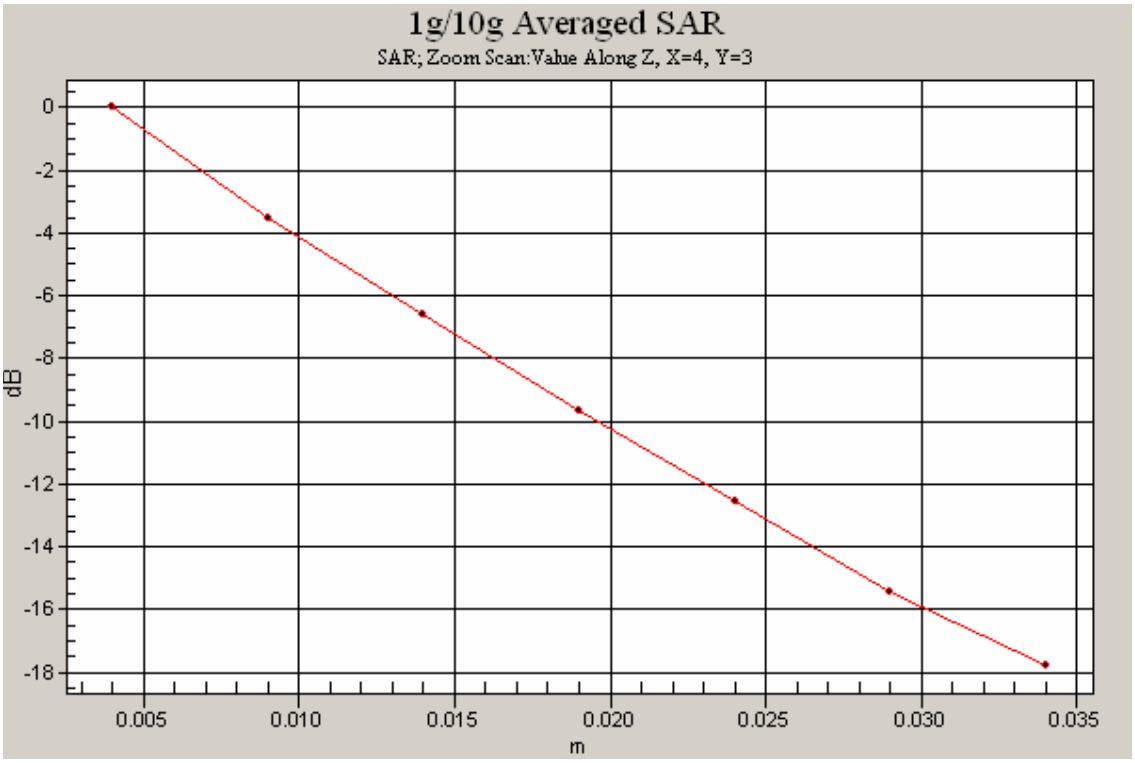
Channel 3 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.80 V/m; Power Drift = -0.218 dB
Peak SAR (extrapolated) = 0.430 W/kg
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.180 mW/g



0 dB = 0.180mW/g

SAR MEASUREMENT PLOT 4

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**60.0 %**



Test Date: 16 November 2009

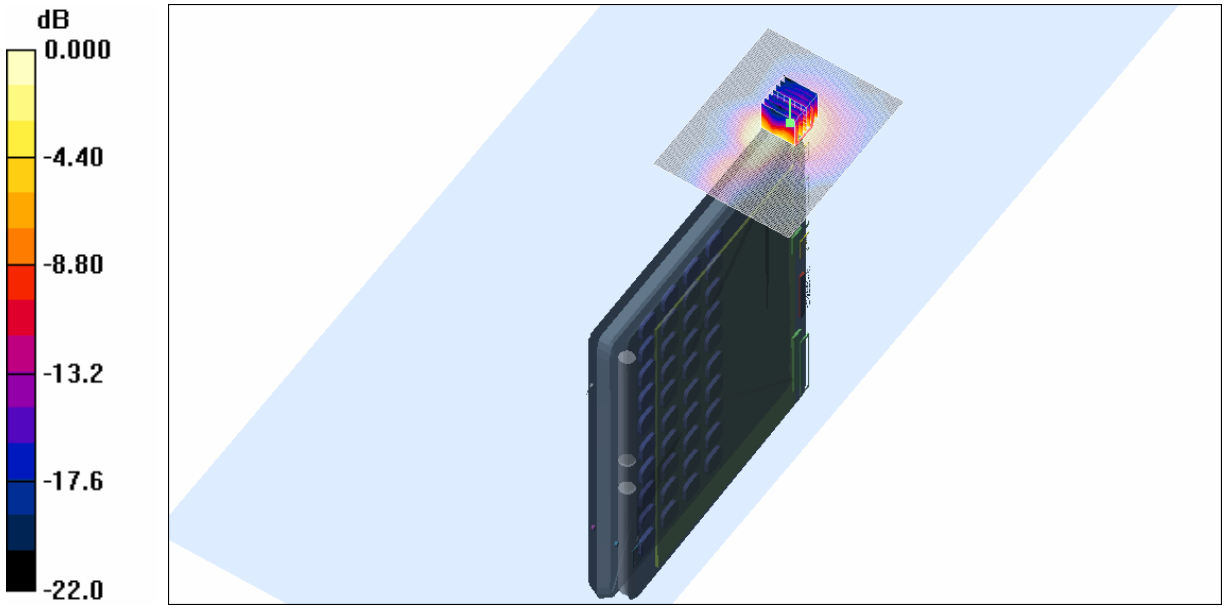
File Name: M091069 Edge On Primary Portrait OFDM HT0(40MHz) 2450 MHz Antenna B (2) 16-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: 40MHz HT0 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.95 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 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.185 mW/g

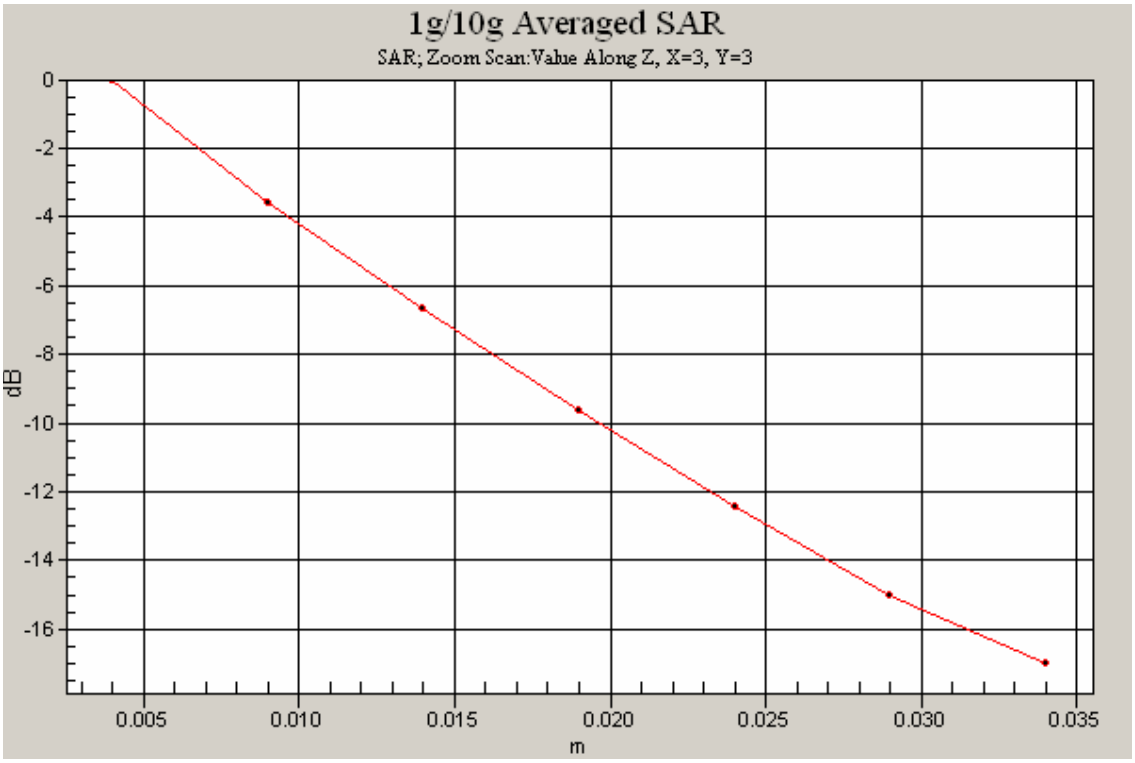
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.02 V/m; Power Drift = 0.142 dB
Peak SAR (extrapolated) = 0.479 W/kg
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.208 mW/g



0 dB = 0.208mW/g

SAR MEASUREMENT PLOT 5

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**60.0 %**



Test Date: 16 November 2009

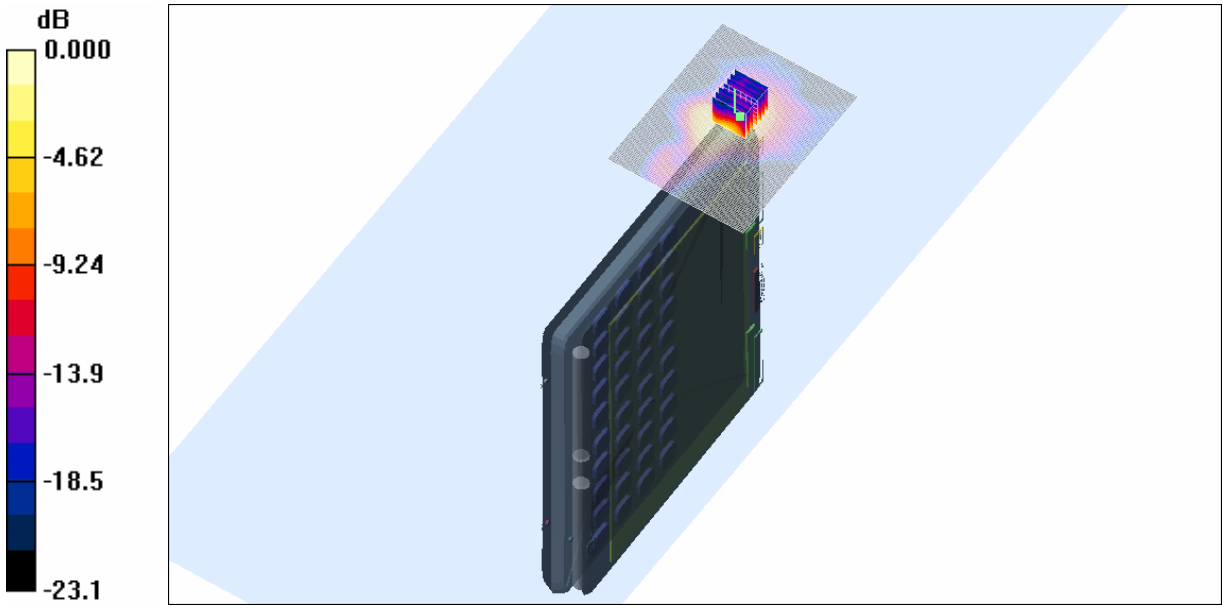
File Name: M091069 Edge On Primary Portrait OFDM HT0(40MHz) 2450 MHz Antenna B (2) 16-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: 40MHz HT0 2450 MHz; Frequency: 2452 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2450 MHz; σ = 1.97 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(3.96, 3.96, 3.96)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 9 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.116 mW/g

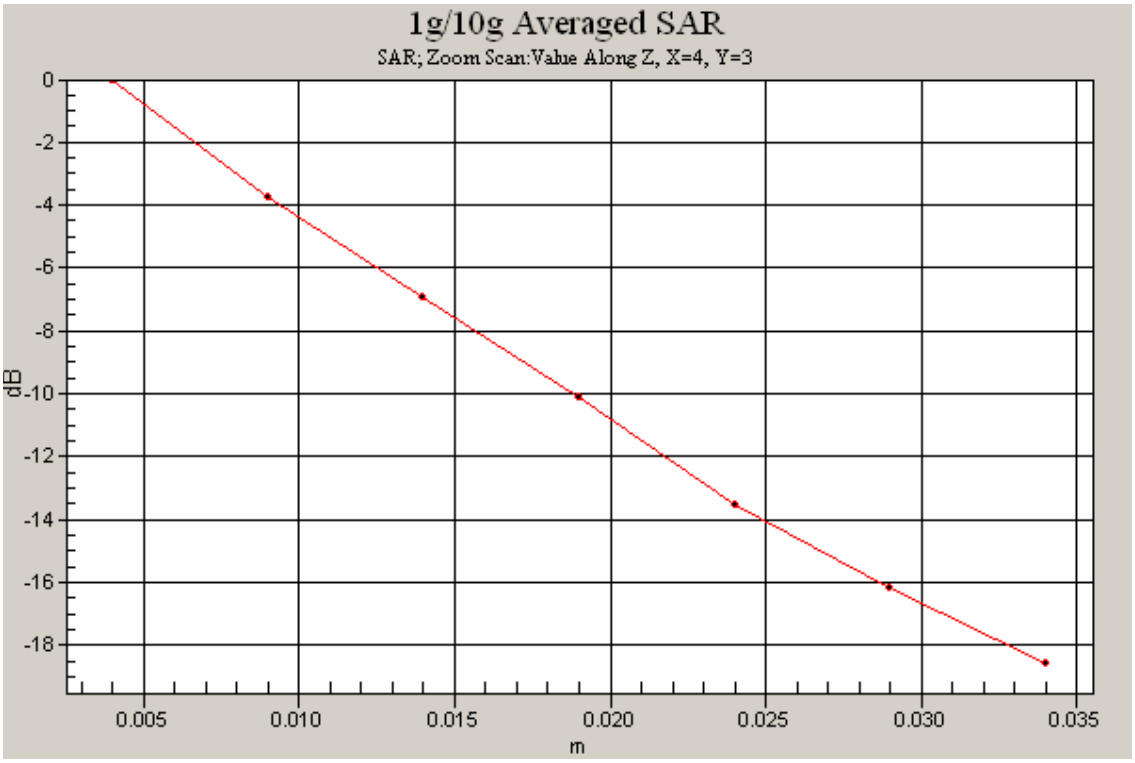
Channel 9 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.14 V/m; Power Drift = -0.244 dB
Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.143 mW/g



0 dB = 0.143mW/g

SAR MEASUREMENT PLOT 6

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**60.0 %**



Test Date: 16 November 2009

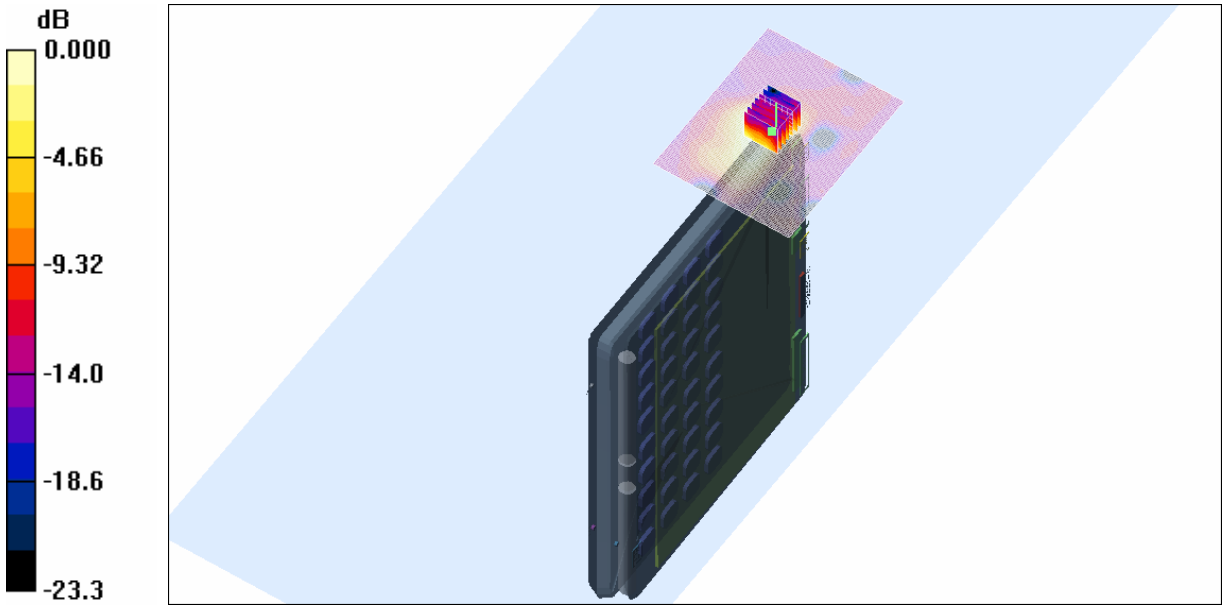
File Name: M091069 Edge On Primary Portrait OFDM HT0(40MHz) 2450 MHz Antenna A (1) 16-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: 40MHz HT0 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.95 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 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.056 mW/g

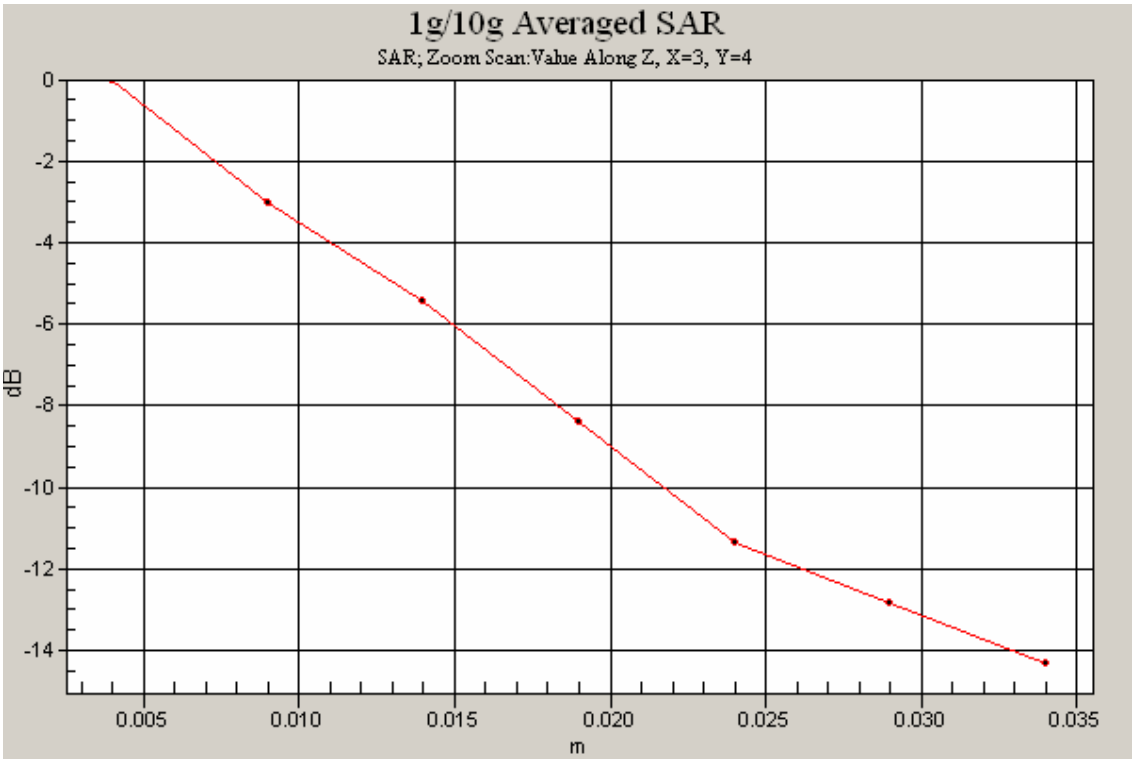
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.03 V/m; Power Drift = -0.309 dB
Peak SAR (extrapolated) = 0.093 W/kg
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.045 mW/g



0 dB = 0.045mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**60.0 %**



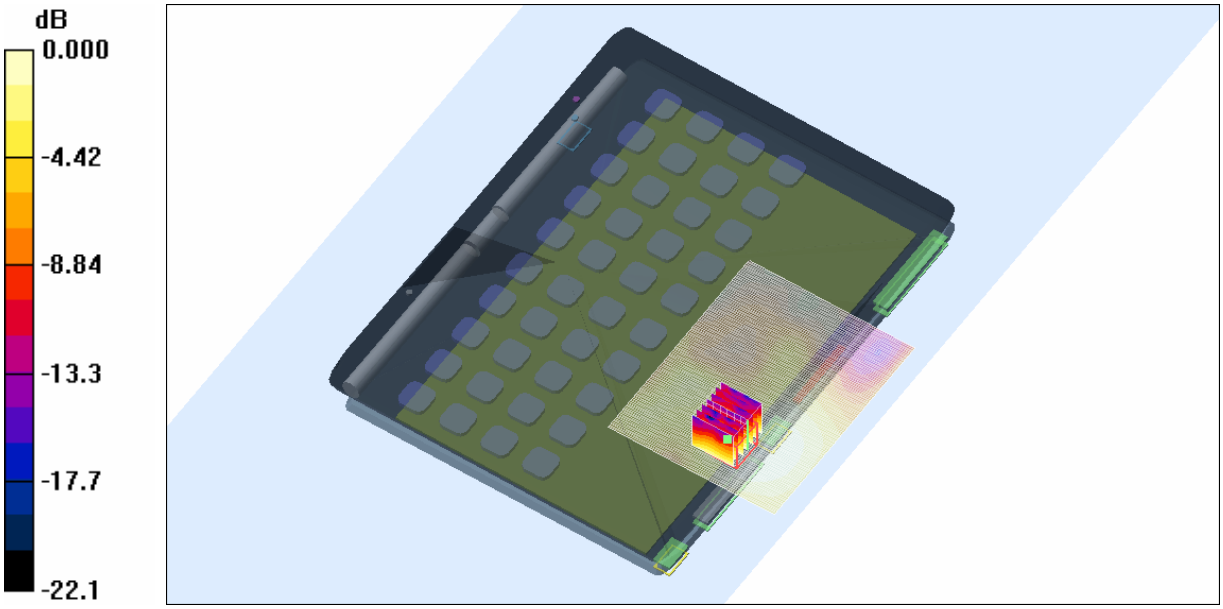
Test Date: 16 November 2009

File Name: M091069 Tablet OFDM HT0(40MHz) 2450 MHz Antenna A (1) 16-11-09.da4
DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: 40MHz HT0 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.95 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 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.041 mW/g

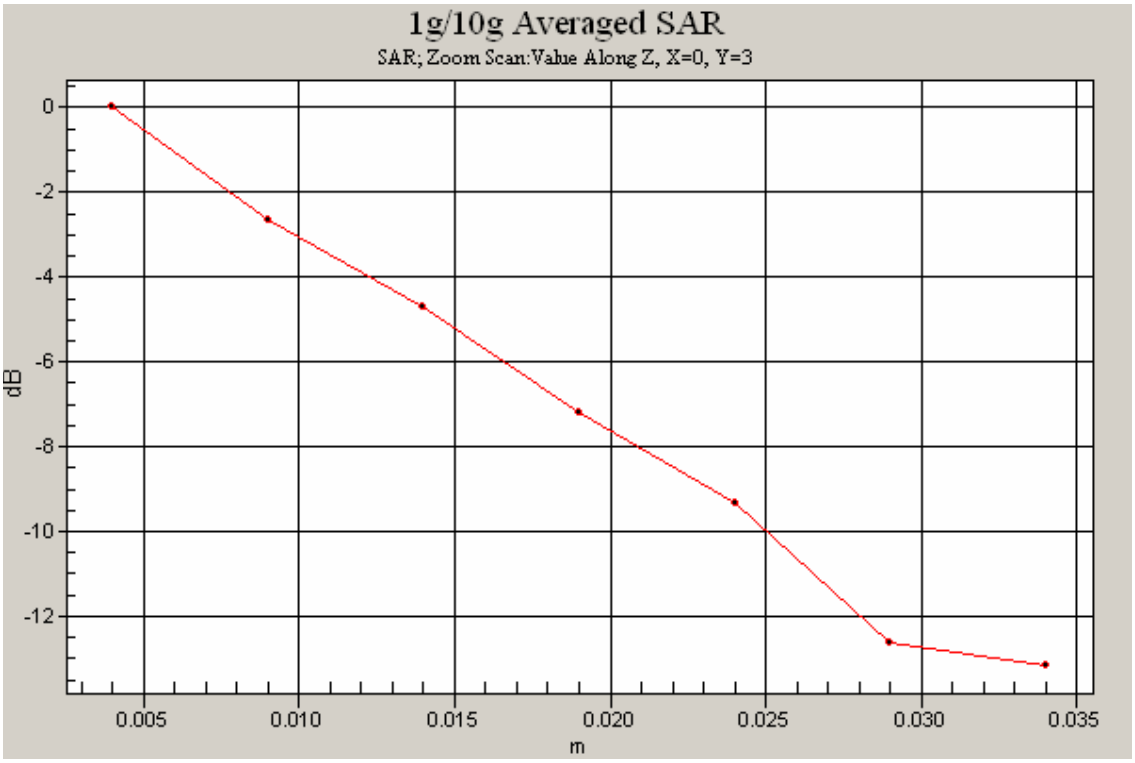
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.38 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 0.078 W/kg
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.040 mW/g



0 dB = 0.040mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**60.0 %**



Test Date: 16 November 2009

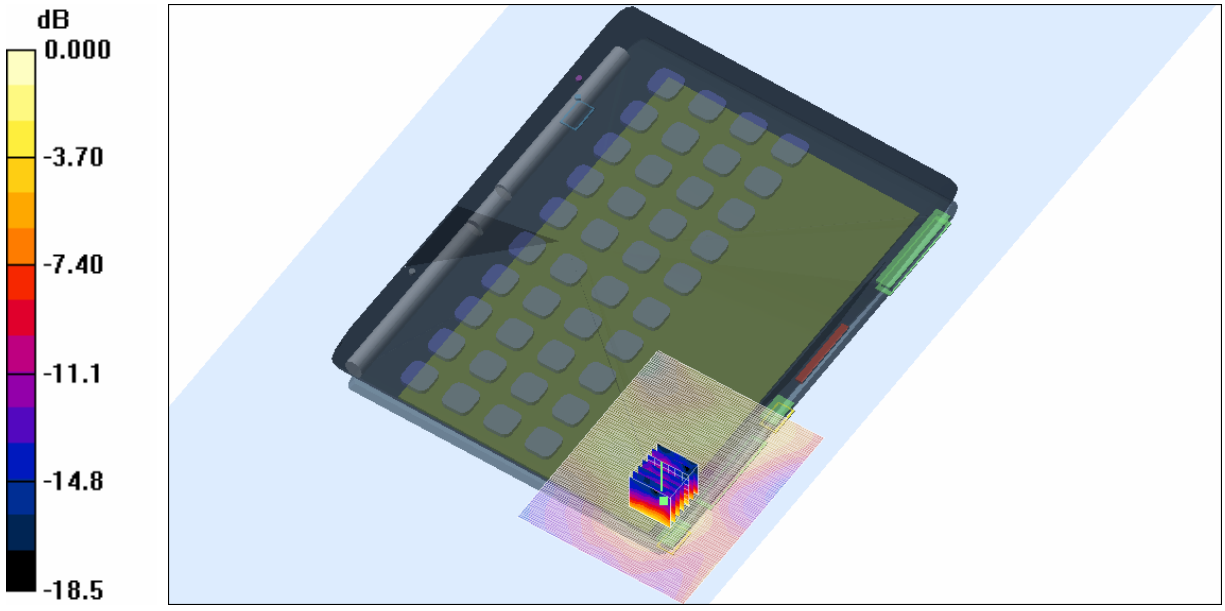
File Name: M091069 Tablet OFDM HT0(40MHz) 2450 MHz Antenna B (2) 16-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: 40MHz HT0 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.95 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 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.035 mW/g

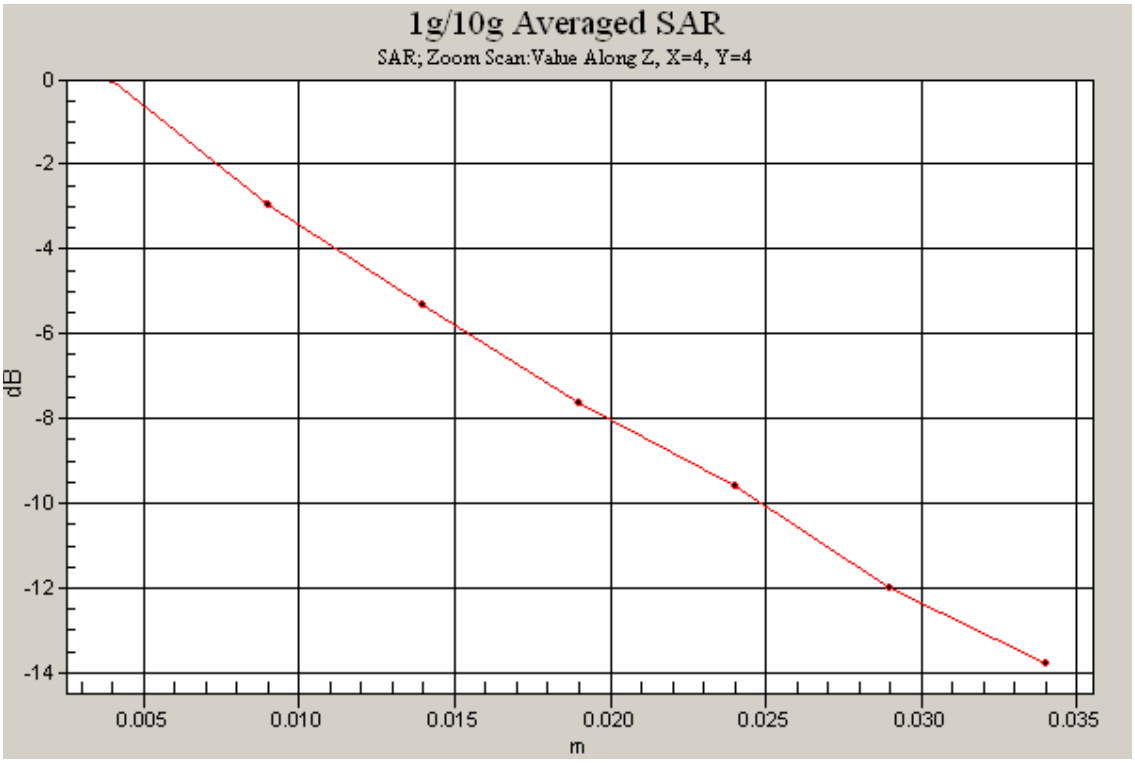
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.15 V/m; Power Drift = 0.258 dB
Peak SAR (extrapolated) = 0.083 W/kg
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.042 mW/g



0 dB = 0.042mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**60.0 %**



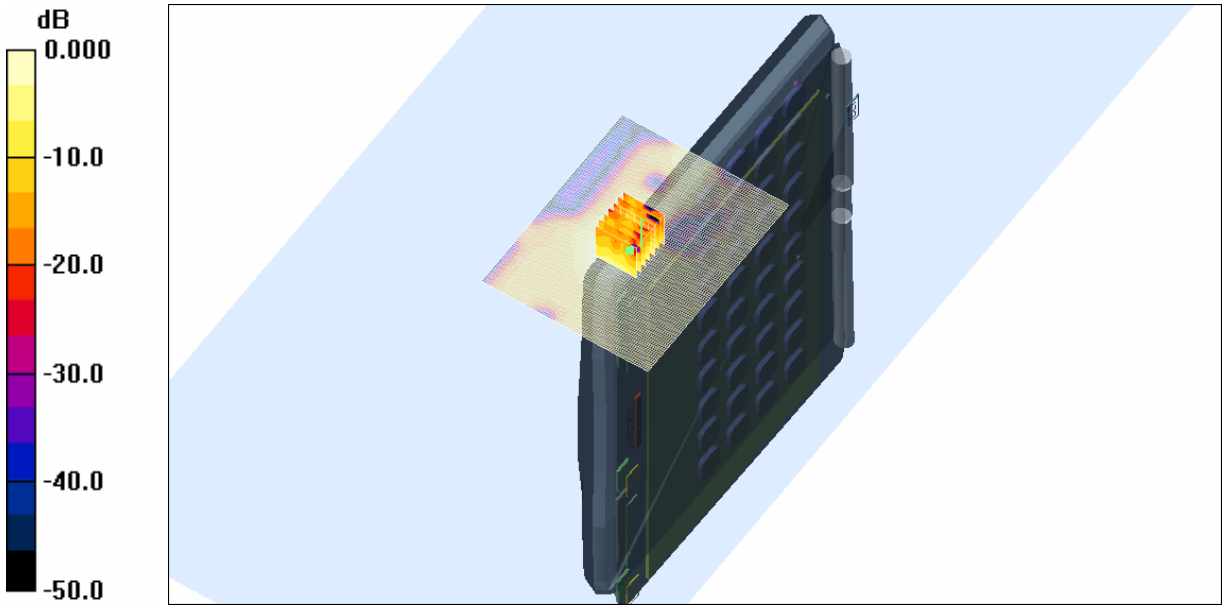
Test Date: 16 November 2009

File Name: M091069 Edge On Secondary Portrait OFDM HT0(40MHz) 2450 MHz Antenna A (1) 16-11-09.da4
DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: 40MHz HT0 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.95 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 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.025 mW/g

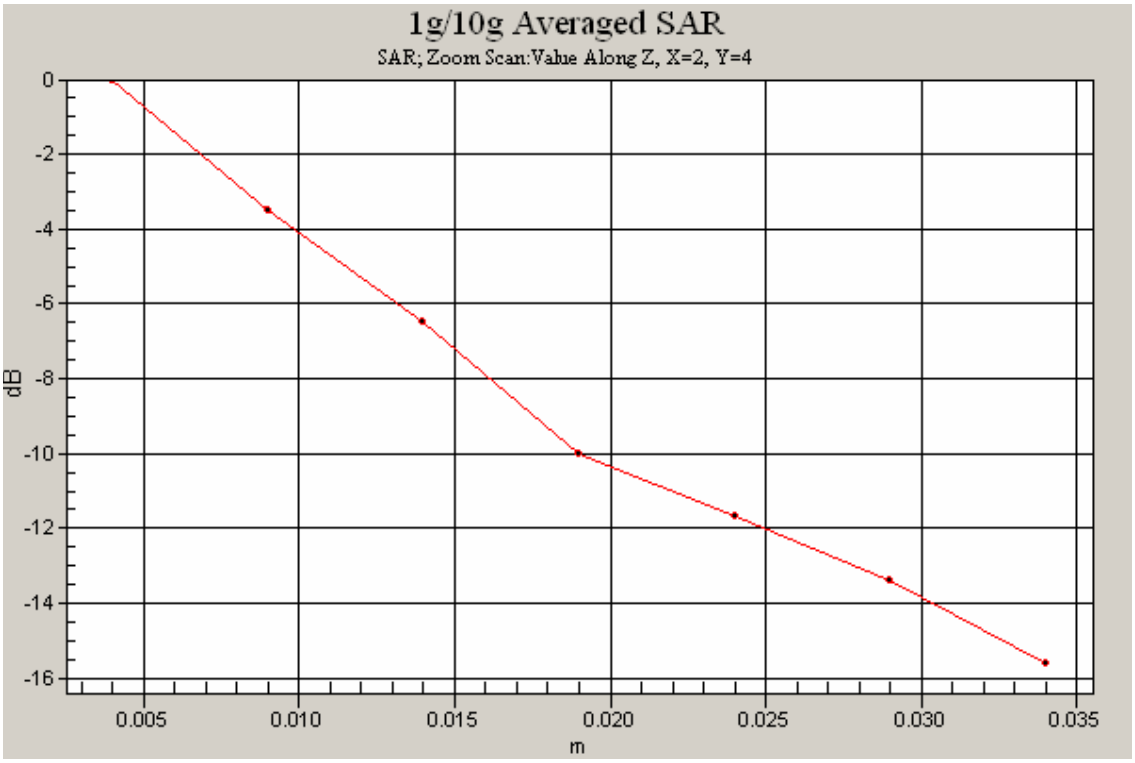
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.30 V/m; Power Drift = -0.276 dB
Peak SAR (extrapolated) = 0.061 W/kg
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.026 mW/g



0 dB = 0.026mW/g

SAR MEASUREMENT PLOT 10

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**60.0 %**

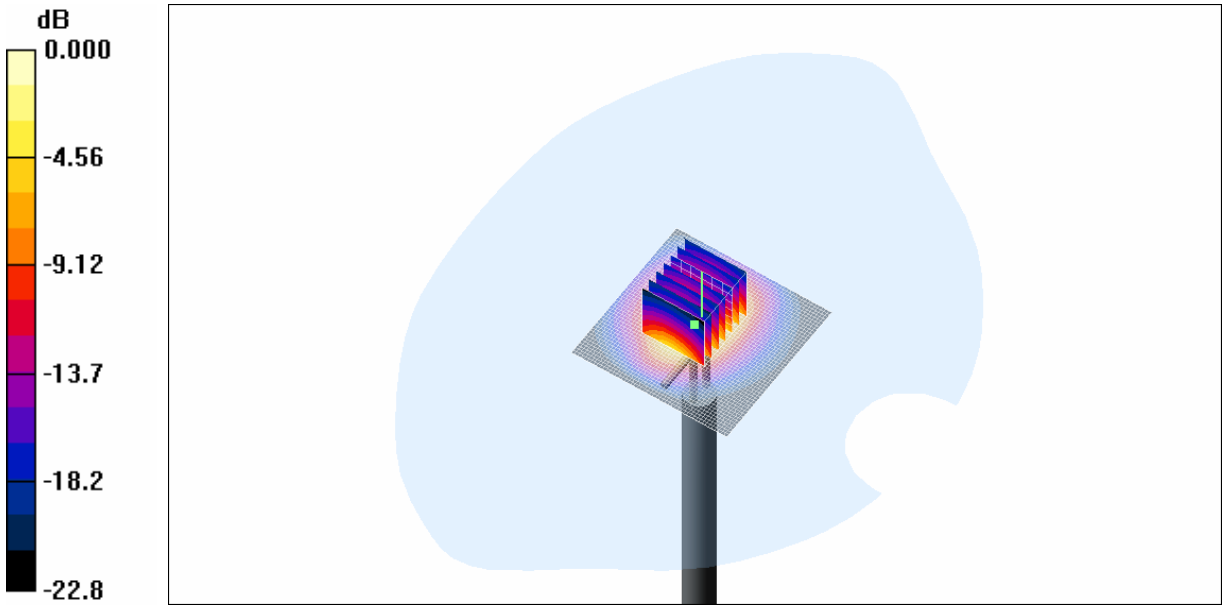


Test Date: 16 November 2009
File Name: Validation 2450 MHz (DAE442 Probe1380) 16-11-09.da4
DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

* Communication System: CW 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2450 MHz; σ = 1.88 mho/m; ε_r = 39.2; 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) = 17.6 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.0 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 31.4 W/kg
SAR(1 g) = 14.2 mW/g; SAR(10 g) = 6.6 mW/g
Maximum value of SAR (measured) = 15.8 mW/g



0 dB = 15.8mW/g

SAR MEASUREMENT PLOT 11

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**60.0 %**