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 26 5200 MHz Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Test Channel	Test Freq (MHz)
Edge On Secondary Landscape	1	A	36	5180
	2	A	48	5240
	3	A	52	5260
	4	A	64	5320
Edge On Secondary Landscape	5	B	36	5180
	6	B	48	5240
	7	B	52	5260
	8	B	64	5320

Table 27 5200 MHz Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Test Channel	Test Freq (MHz)
Edge On Secondary Landscape	9	A	104	5520
	10	A	116	5580
	11	A	124	5620
	12	A	136	5680
Edge On Secondary Landscape	13	B	104	5520
	14	B	116	5580
	15	B	124	5620
	16	B	136	5680

Table 28 5200 MHz Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Test Channel	Test Freq (MHz)
Edge On Secondary Landscape	17	A	149	5745
	18	A	157	5785
	19	A	165	5825
Edge On Secondary Landscape	20	B	149	5745
	21	B	157	5785
	22	B	165	5825

Table 29 System verification Plots

Plot 23	System verification 5200 MHz 16th June 2010
Plot 24	System verification 5500 MHz 10th June 2010
Plot 25	System verification 5800 MHz 28th May 2010

Test Date: 16 June 2010

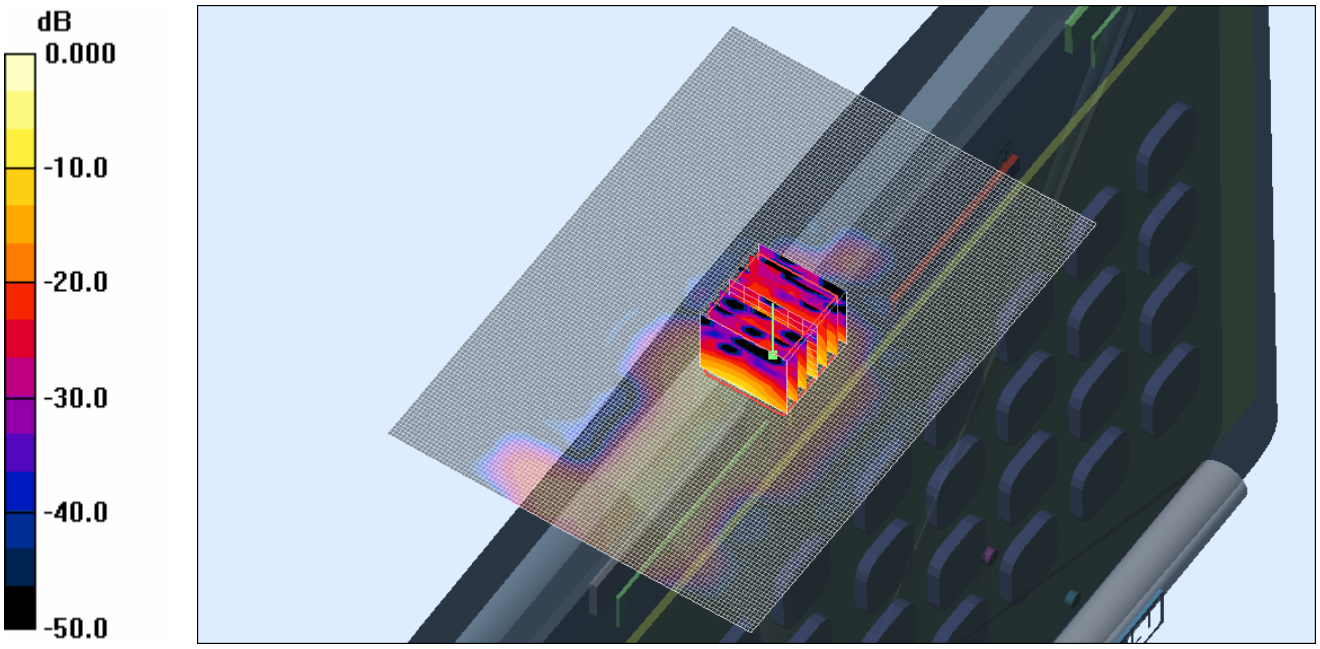
File Name: M100599 Edge On Secondary Landscape OFDM 5200 MHz Antenna A (1) (-5dB) 16-06-10.da4

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

* Communication System: OFDM 5200 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5180 MHz; σ = 5.14 mho/m; ε_r = 45.9; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.92, 3.92, 3.92)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 036 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.89 mW/g

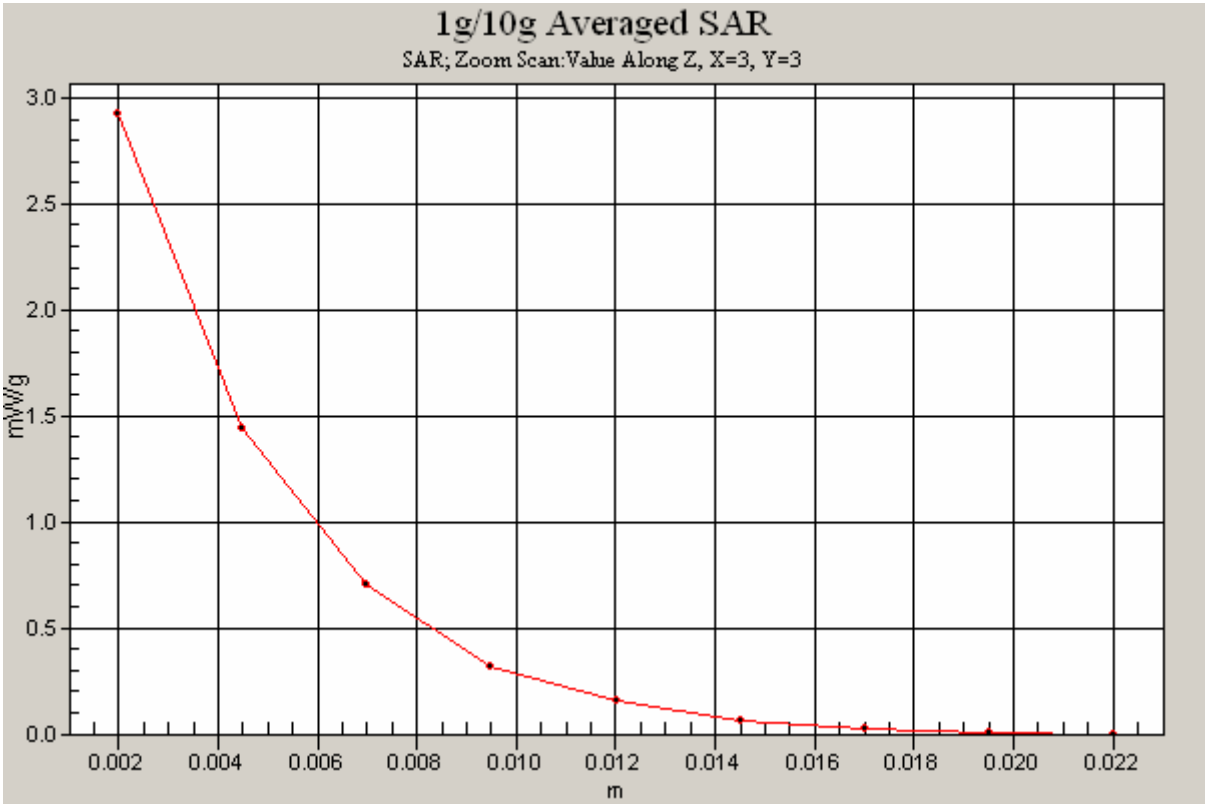
Channel 036 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.35 V/m; Power Drift = -0.351 dB
Peak SAR (extrapolated) = 5.70 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.281 mW/g
Maximum value of SAR (measured) = 2.92 mW/g



0 dB = 2.92mW/g

SAR MEASUREMENT PLOT 1

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**20.9 Degrees Celsius**
Humidity	**39.0 %**



Test Date: 16 June 2010

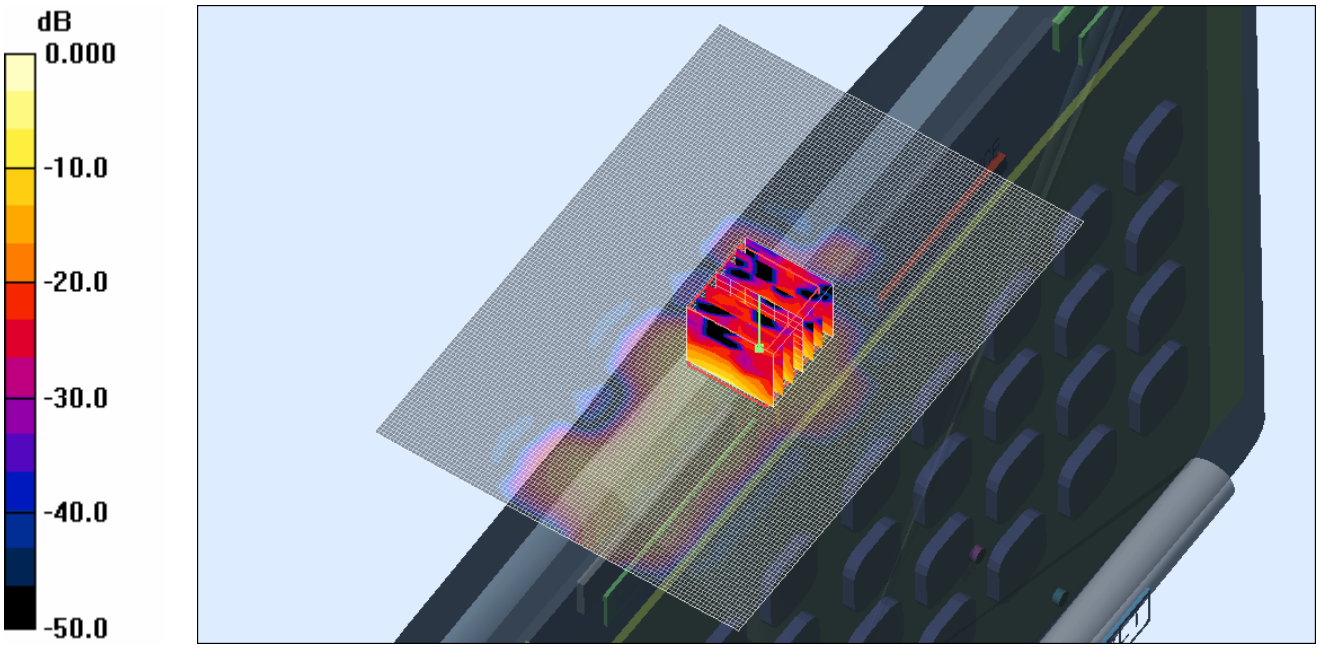
File Name: M100599 Edge On Secondary Landscape OFDM 5200 MHz Antenna A (1) (-5dB) 16-06-10.da4

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

* Communication System: OFDM 5200 MHz; Frequency: 5240 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5244 MHz; σ = 5.25 mho/m; ε_r = 45.8; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.92, 3.92, 3.92)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 048 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.01 mW/g

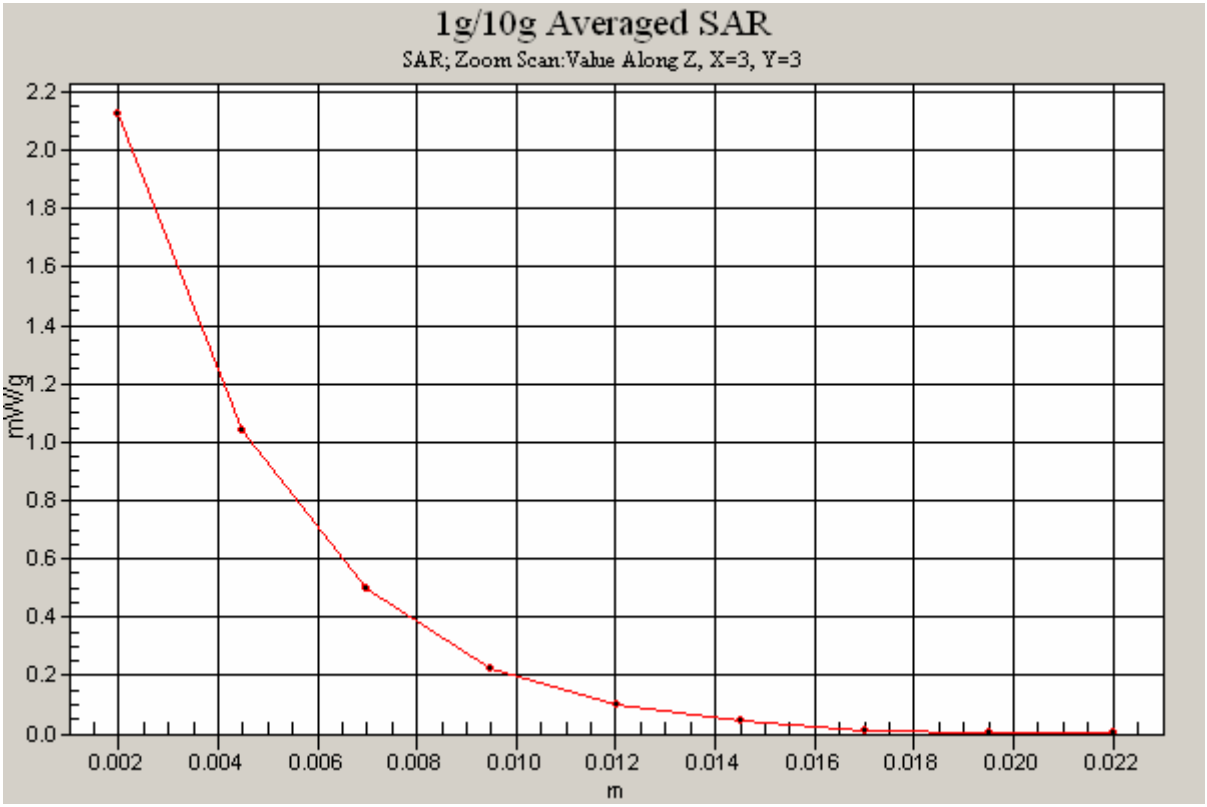
Channel 048 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.00 V/m; Power Drift = -0.323 dB
Peak SAR (extrapolated) = 4.27 W/kg
SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.209 mW/g
Maximum value of SAR (measured) = 2.12 mW/g



0 dB = 2.12mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**20.9 Degrees Celsius**
Humidity	**39.0 %**



Test Date: 16 June 2010

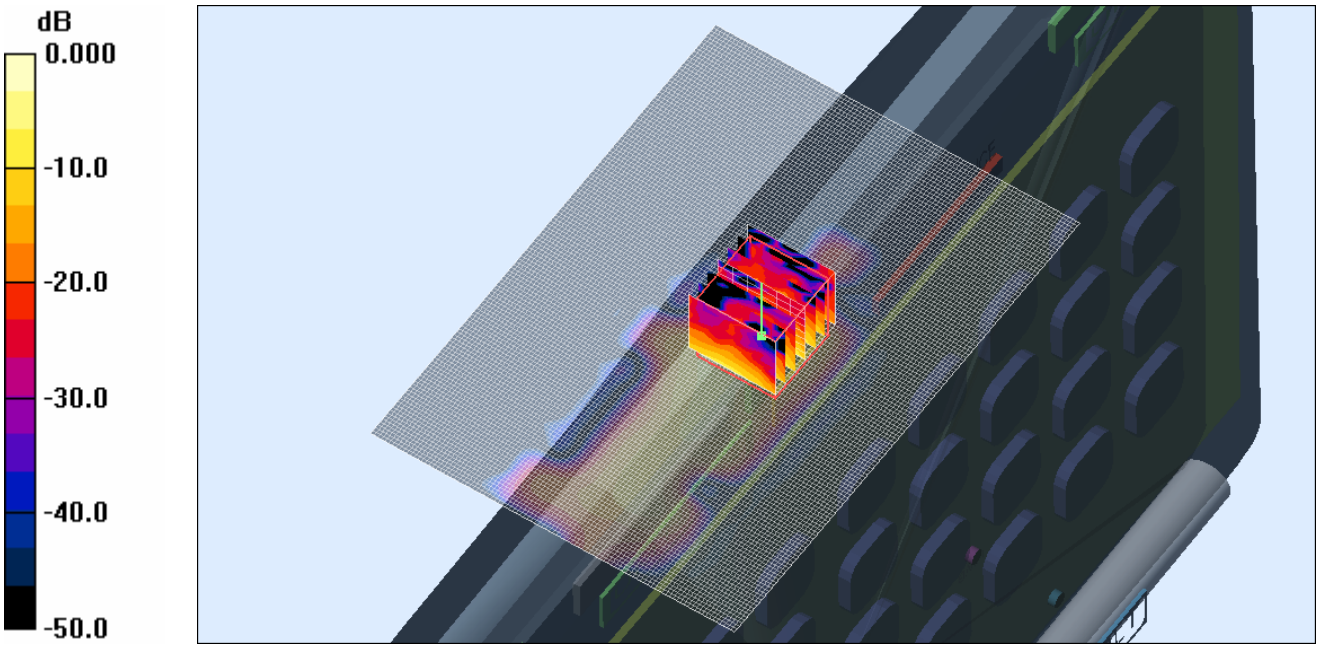
File Name: M100599 Edge On Secondary Landscape OFDM 5200 MHz Antenna A (1) (-5dB) 16-06-10.da4

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

* Communication System: OFDM 5200 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5260 MHz; σ = 5.28 mho/m; ε_r = 45.7; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.92, 3.92, 3.92)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 052 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.63 mW/g

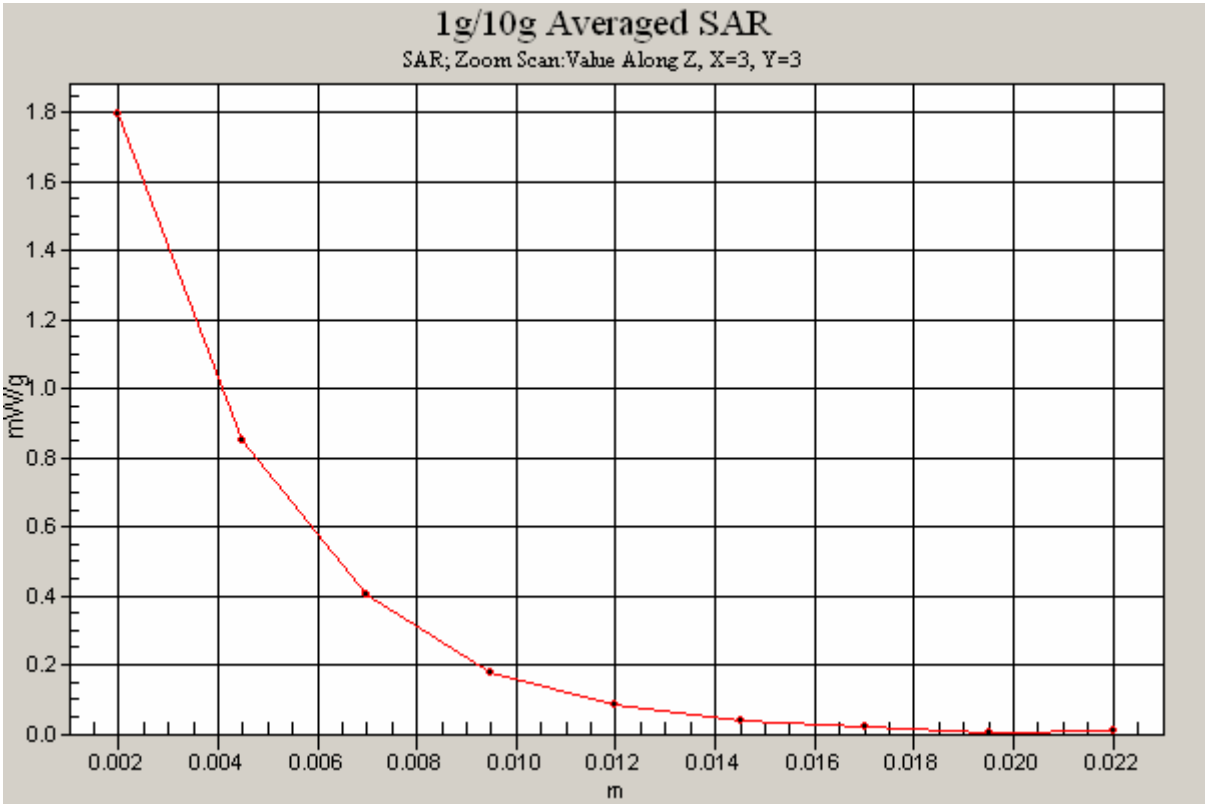
Channel 052 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.92 V/m; Power Drift = -0.336 dB
Peak SAR (extrapolated) = 3.38 W/kg
SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 1.80 mW/g



0 dB = 1.80mW/g

SAR MEASUREMENT PLOT 3

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**20.9 Degrees Celsius**
Humidity	**39.0 %**



Test Date: 16 June 2010

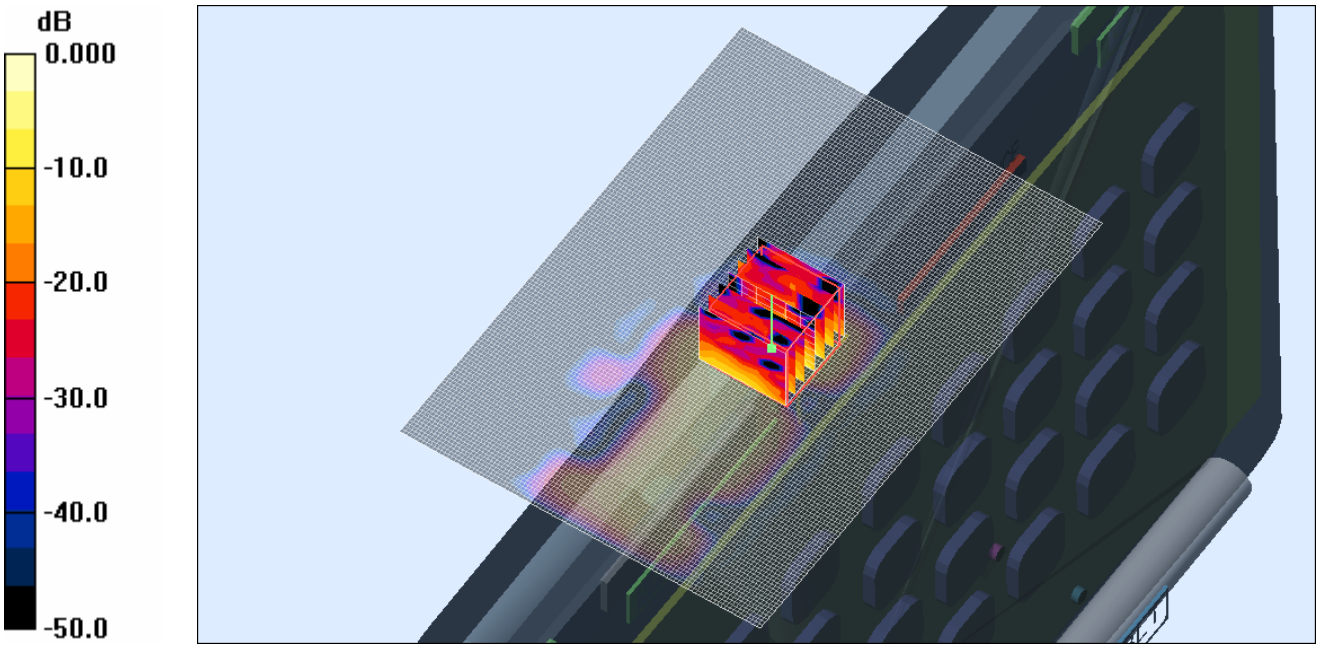
File Name: M100599 Edge On Secondary Landscape OFDM 5200 MHz Antenna A (1) (-5dB) 16-06-10.da4

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

* Communication System: OFDM 5200 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5324 MHz; σ = 5.38 mho/m; ε_r = 45.6; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.92, 3.92, 3.92)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 064 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.14 mW/g

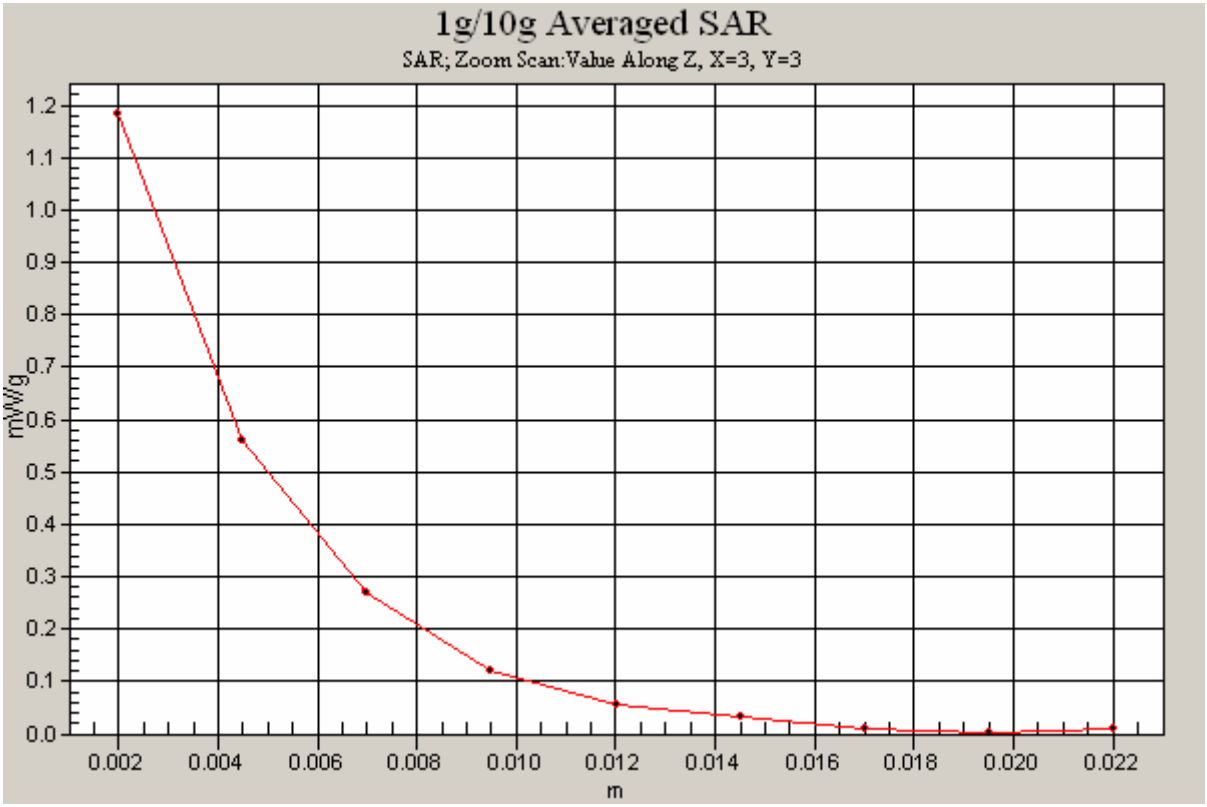
Channel 064 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.31 V/m; Power Drift = -0.228 dB
Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.18mW/g

SAR MEASUREMENT PLOT 4

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**20.9 Degrees Celsius**
Humidity	**39.0 %**



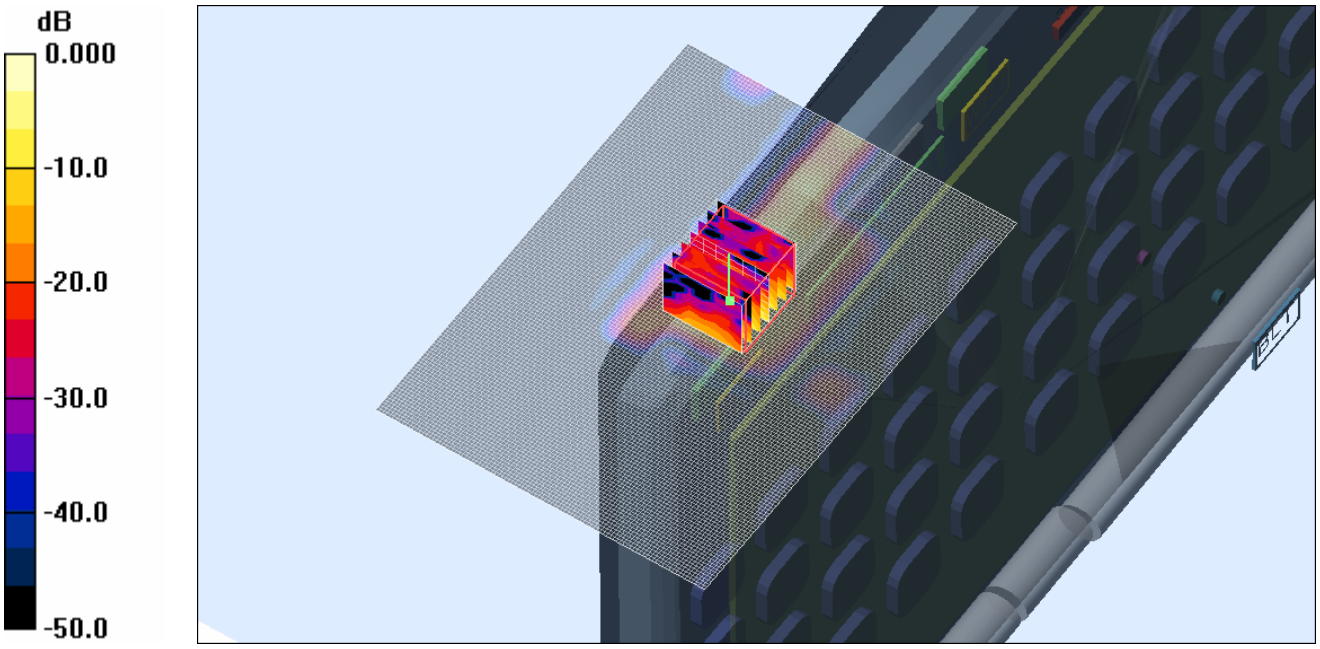
Test Date: 16 June 2010

File Name: M100599 Edge On Secondary Landscape OFDM 5200 MHz Antenna B (2) (-4) 16-06-10.da4
DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: OFDM 5250 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5180 MHz; σ = 5.14 mho/m; ε_r = 45.9; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.92, 3.92, 3.92)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 036 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.28 mW/g

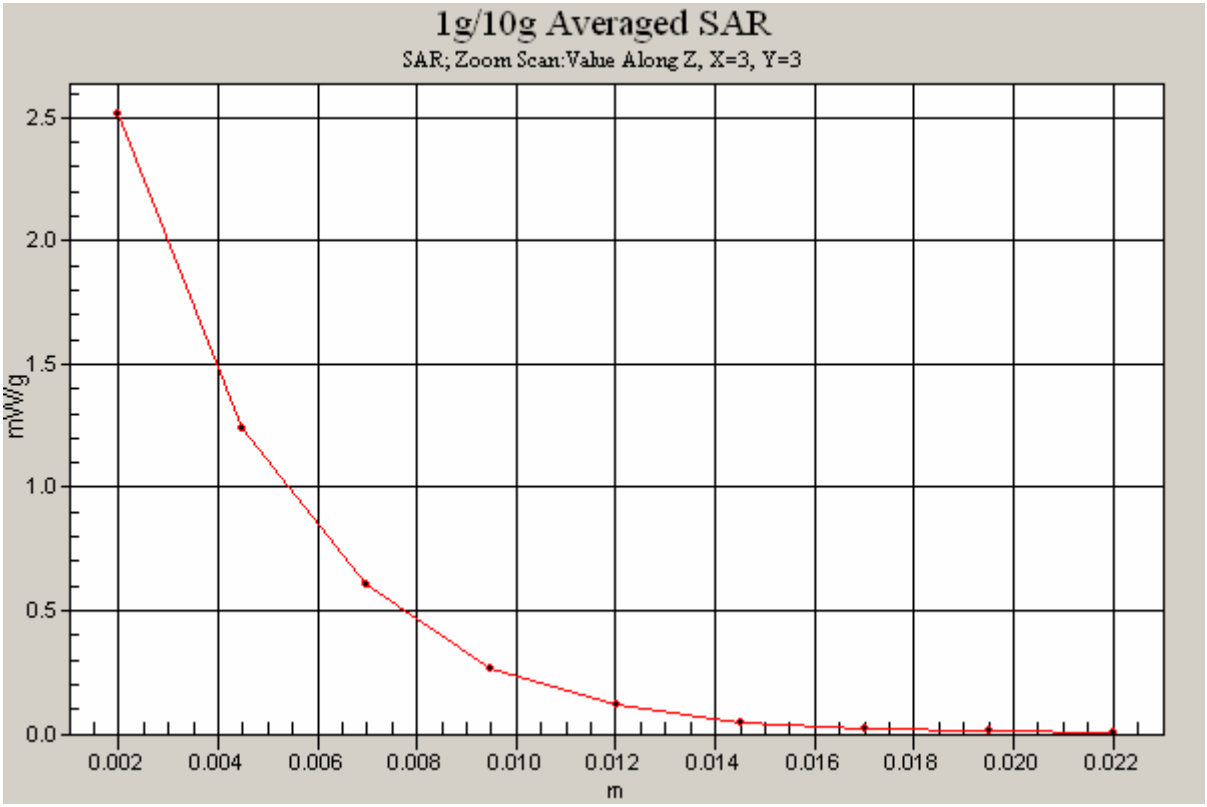
Channel 036 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 13.8 V/m; Power Drift = -0.143 dB
Peak SAR (extrapolated) = 4.74 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 2.52 mW/g



0 dB = 2.52mW/g

SAR MEASUREMENT PLOT 5

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**20.9 Degrees Celsius**
Humidity	**39.0 %**



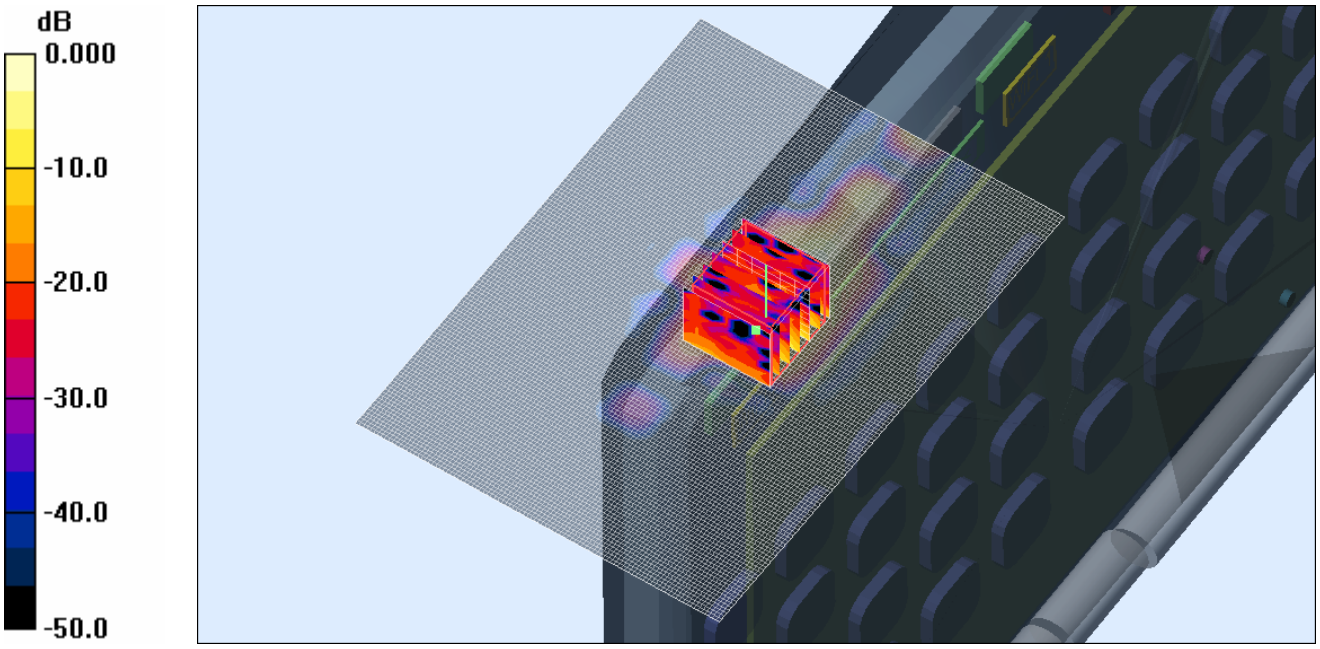
Test Date: 16 June 2010

File Name: M100599 Edge On Secondary Landscape OFDM 5200 MHz Antenna B (2) (-4) 16-06-10.da4
DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: OFDM 5250 MHz; Frequency: 5240 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5244 MHz; σ = 5.25 mho/m; ε_r = 45.8; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.92, 3.92, 3.92)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 048 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.41 mW/g

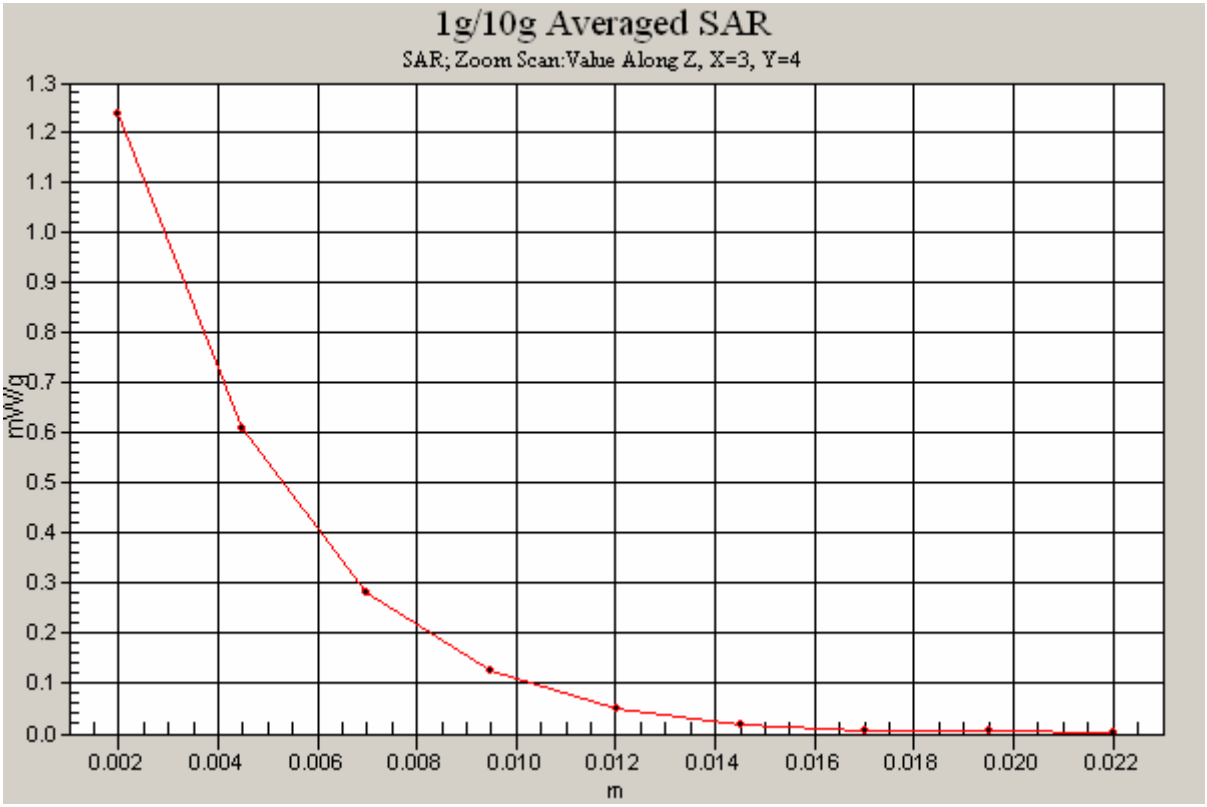
Channel 048 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.03 V/m; Power Drift = -0.400 dB
Peak SAR (extrapolated) = 2.47 W/kg
SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.122 mW/g
Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 1.24mW/g

SAR MEASUREMENT PLOT 6

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**20.9 Degrees Celsius**
Humidity	**39.0 %**



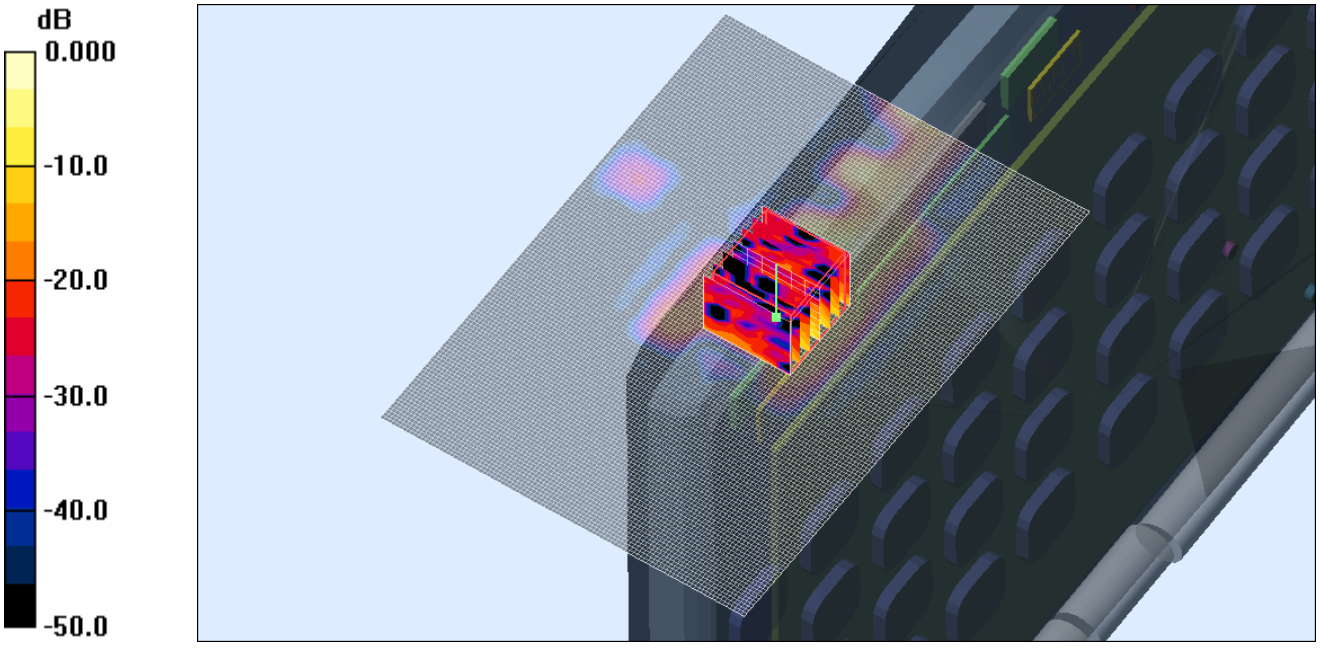
Test Date: 16 June 2010

File Name: M100599 Edge On Secondary Landscape OFDM 5200 MHz Antenna B (2) (-4) 16-06-10.da4
DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: OFDM 5250 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5260 MHz; σ = 5.28 mho/m; ε_r = 45.7; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.92, 3.92, 3.92)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 052 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.31 mW/g

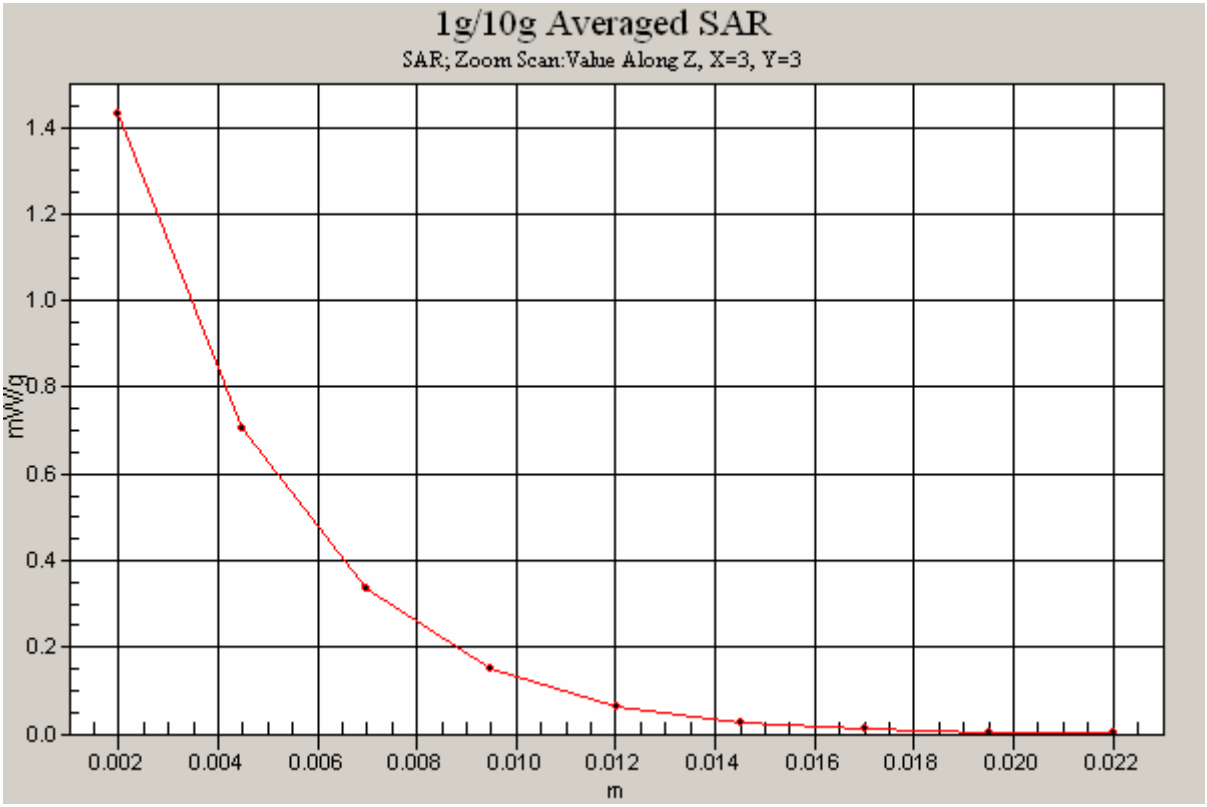
Channel 052 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.70 V/m; Power Drift = -0.310 dB
Peak SAR (extrapolated) = 2.70 W/kg
SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.134 mW/g
Maximum value of SAR (measured) = 1.43 mW/g



0 dB = 1.43mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**20.9 Degrees Celsius**
Humidity	**39.0 %**



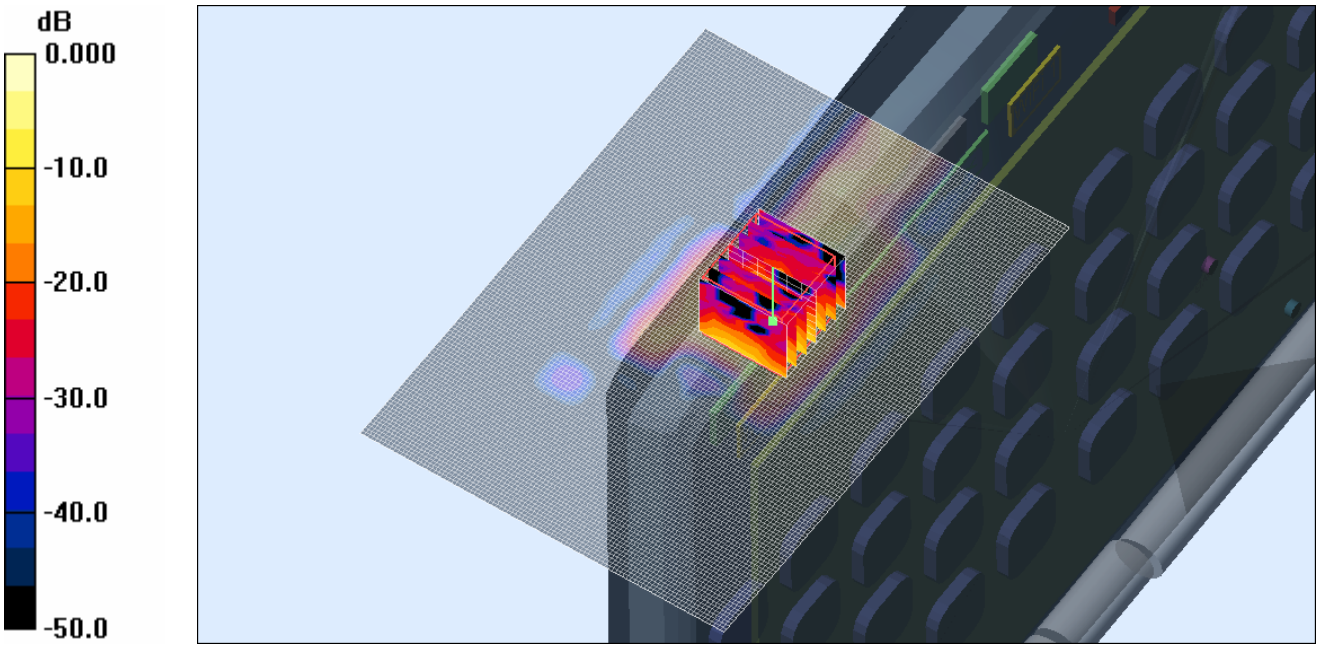
Test Date: 16 June 2010

File Name: M100599 Edge On Secondary Landscape OFDM 5200 MHz Antenna B (2) (-4) 16-06-10.da4
DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: OFDM 5250 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5324 MHz; σ = 5.38 mho/m; ε_r = 45.6; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.92, 3.92, 3.92)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 064 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.88 mW/g

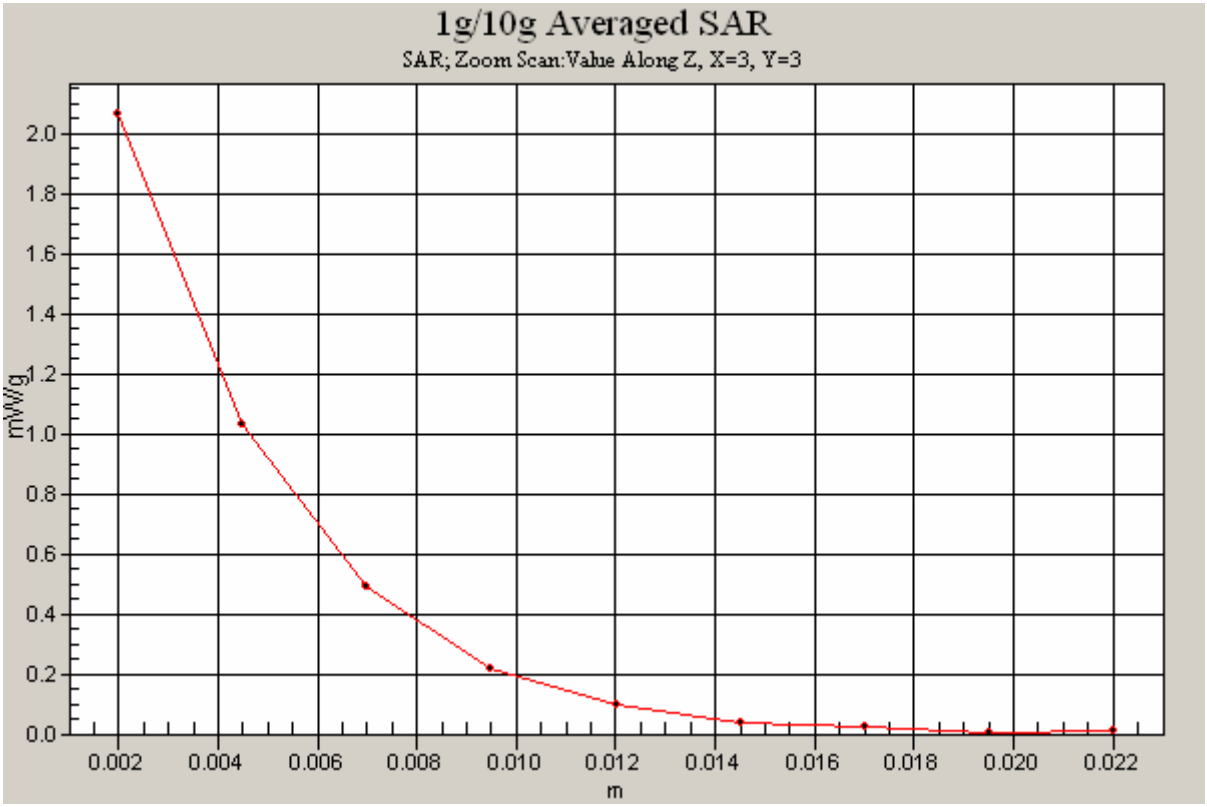
Channel 064 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.92 V/m; Power Drift = 0.095 dB
Peak SAR (extrapolated) = 4.33 W/kg
SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.207 mW/g
Maximum value of SAR (measured) = 2.07 mW/g



0 dB = 2.07mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**20.9 Degrees Celsius**
Humidity	**39.0 %**



Test Date: 10 June 2010

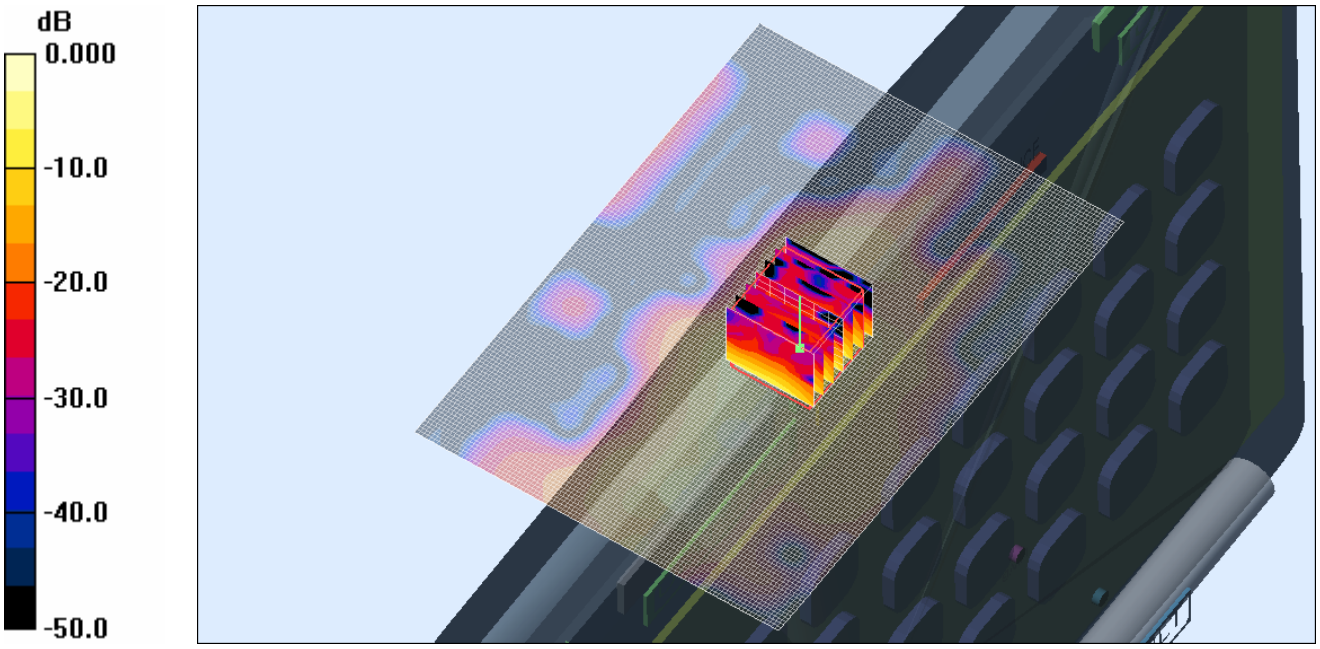
File Name: M100599 Edge On Secondary Landscape OFDM 5600 MHz Antenna A (1) (-1dB) 10-06-10.da4

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

* Communication System: OFDM 5600 MHz; Frequency: 5520 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5516 MHz; σ = 5.67 mho/m; ε_r = 44.9; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.36, 3.36, 3.36)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 104 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.87 mW/g

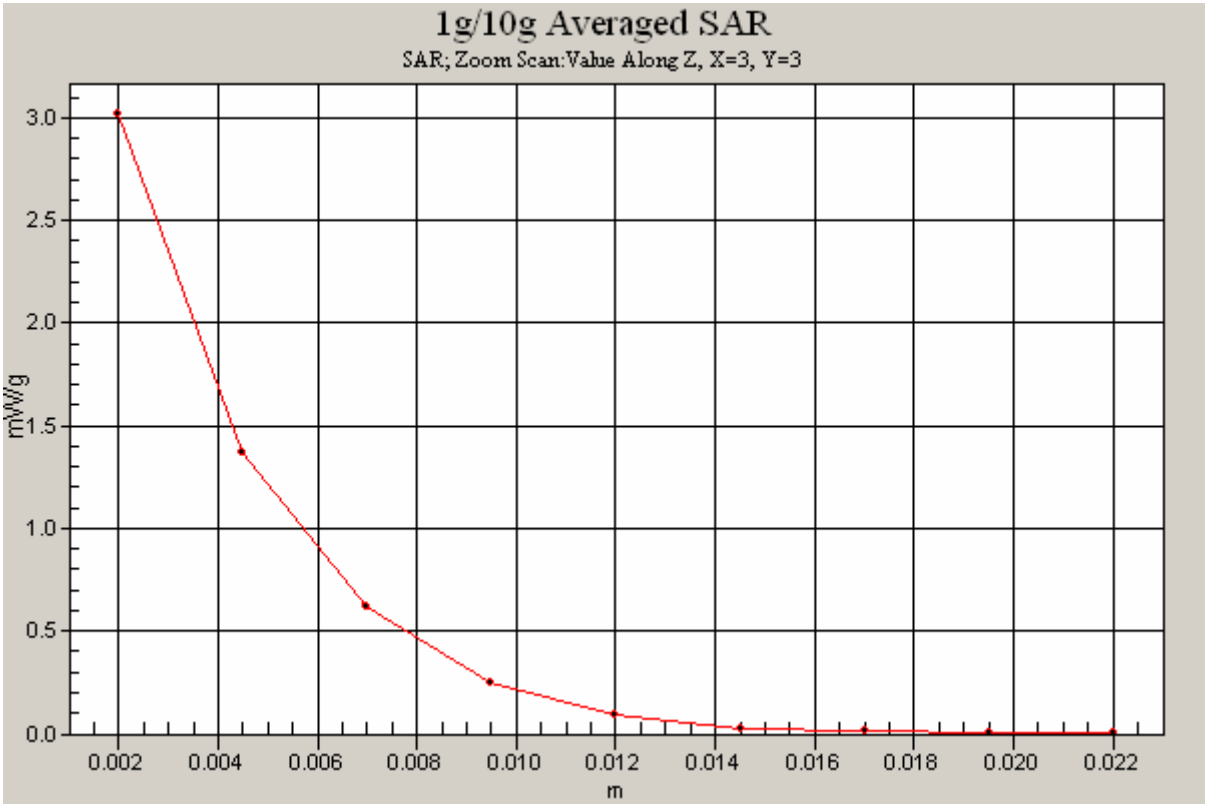
Channel 104 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 11.7 V/m; Power Drift = -0.403 dB
Peak SAR (extrapolated) = 5.96 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.311 mW/g
Maximum value of SAR (measured) = 3.02 mW/g



0 dB = 3.02mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**37.0 %**



Test Date: 10 June 2010

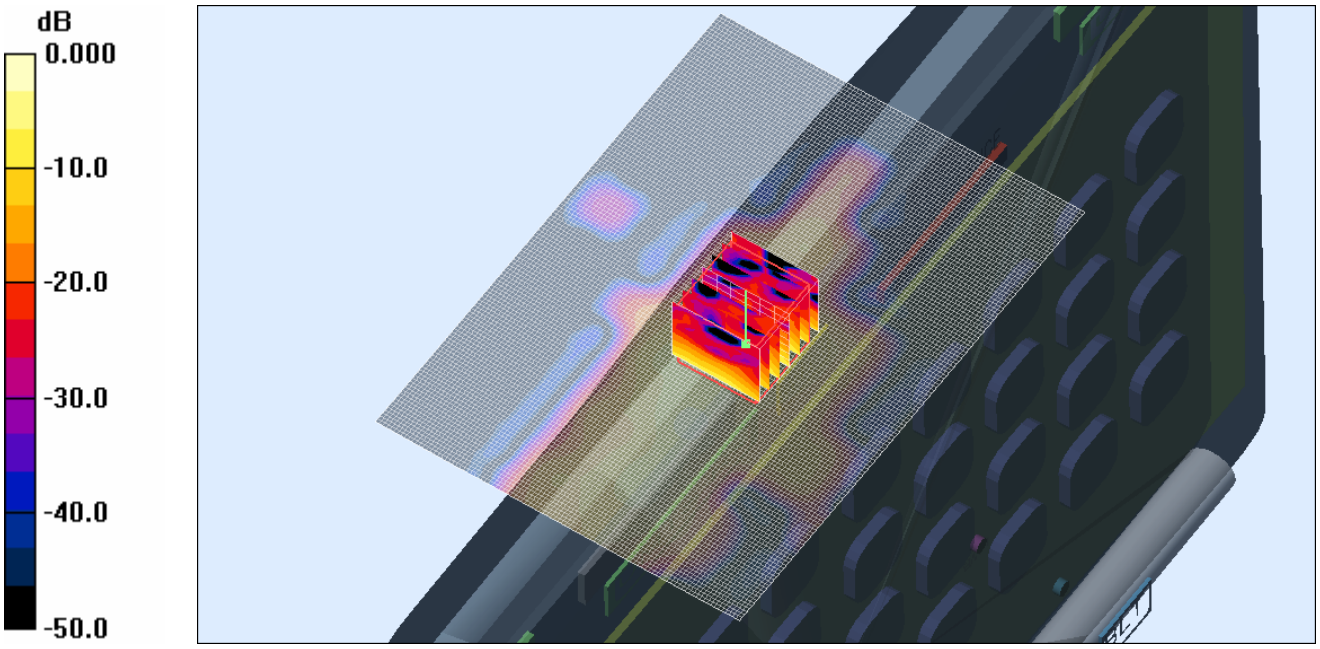
File Name: M100599 Edge On Secondary Landscape OFDM 5600 MHz Antenna A (1) (-1dB) 10-06-10.da4

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

* Communication System: OFDM 5600 MHz; Frequency: 5580 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5580 MHz; σ = 5.76 mho/m; ε_r = 44.7; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.36, 3.36, 3.36)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 116 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.93 mW/g

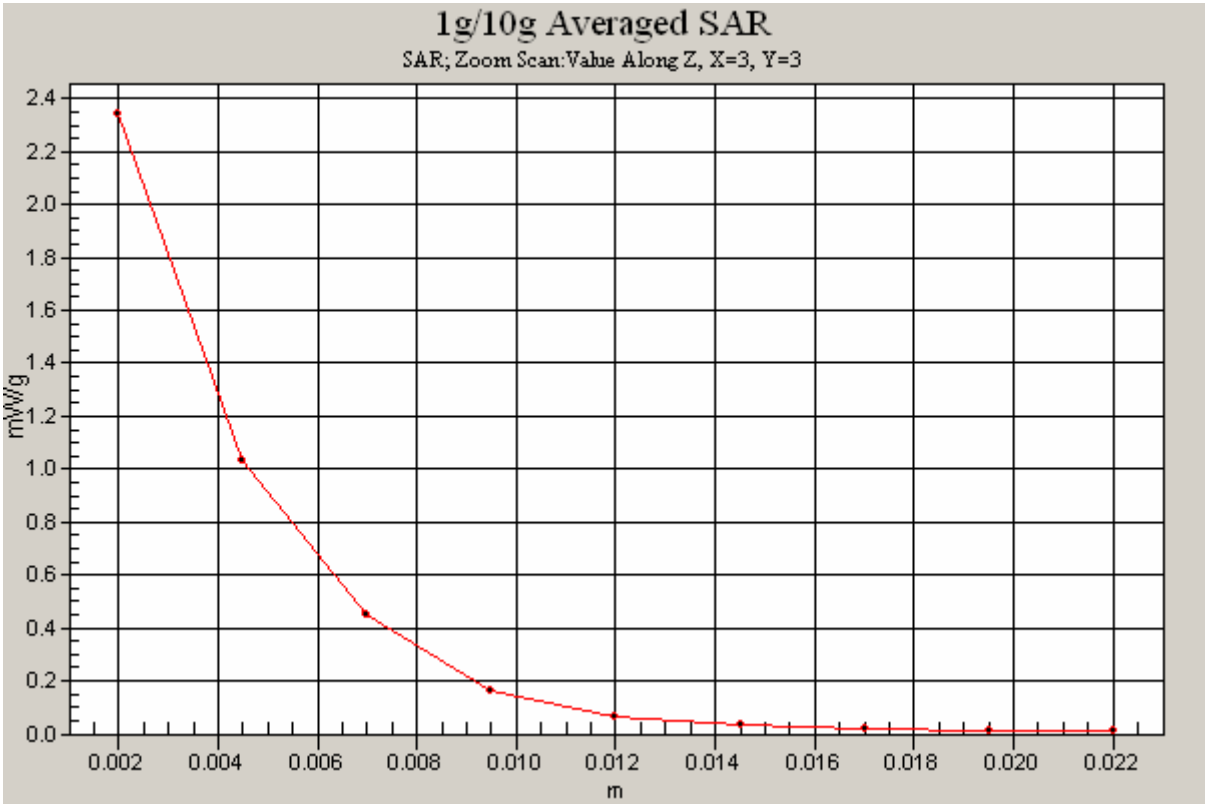
Channel 116 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.49 V/m; Power Drift = 0.424 dB
Peak SAR (extrapolated) = 4.68 W/kg
SAR(1 g) = 1 mW/g; SAR(10 g) = 0.240 mW/g
Maximum value of SAR (measured) = 2.34 mW/g



0 dB = 2.34mW/g

SAR MEASUREMENT PLOT 10

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**37.0 %**



Test Date: 10 June 2010

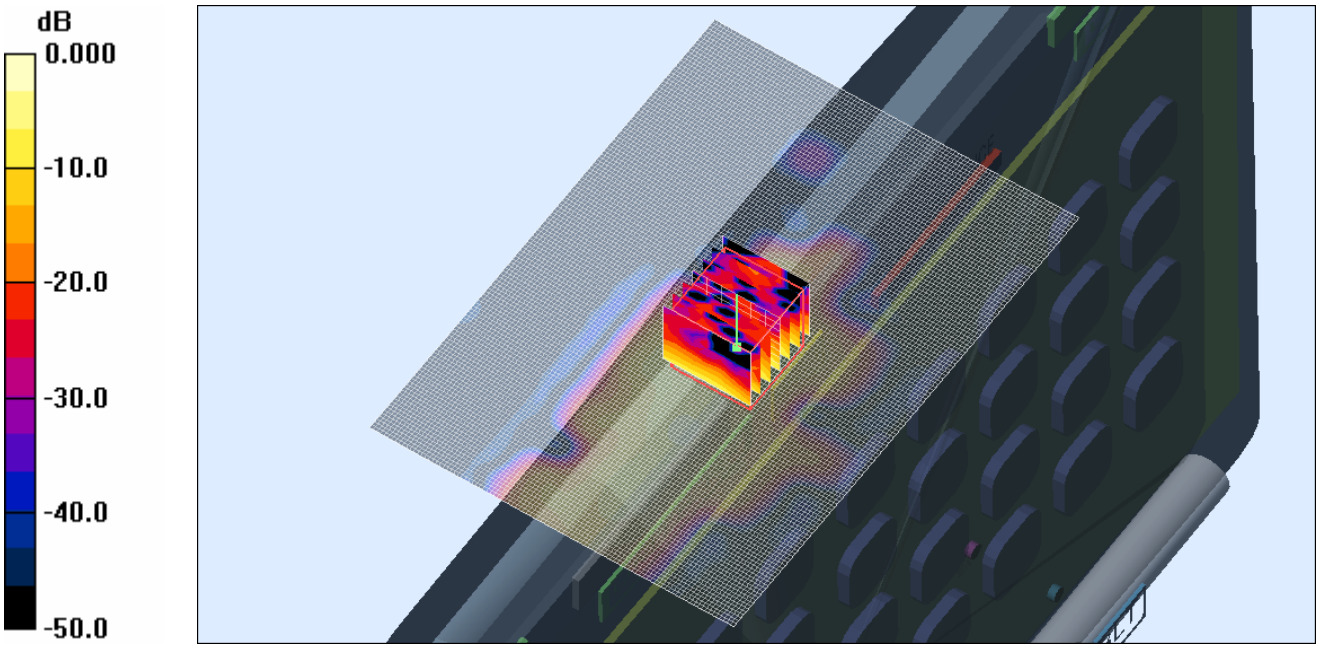
File Name: M100599 Edge On Secondary Landscape OFDM 5600 MHz Antenna A (1) (-1dB) 10-06-10.da4

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

* Communication System: OFDM 5600 MHz; Frequency: 5620 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5612 MHz; σ = 5.81 mho/m; ε_r = 44.6; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.36, 3.36, 3.36)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 124 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.77 mW/g

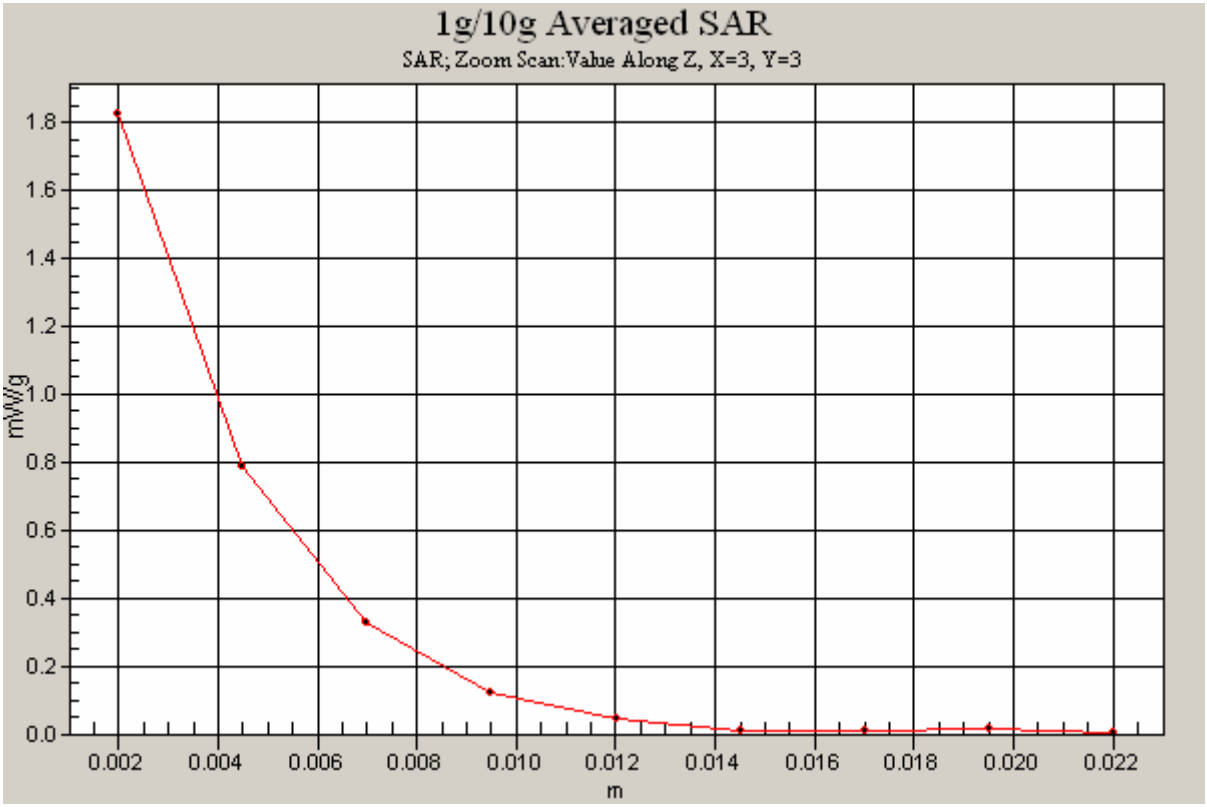
Channel 124 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.76 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.189 mW/g
Maximum value of SAR (measured) = 1.83 mW/g



0 dB = 1.83mW/g

SAR MEASUREMENT PLOT 11

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**37.0 %**



Test Date: 10 June 2010

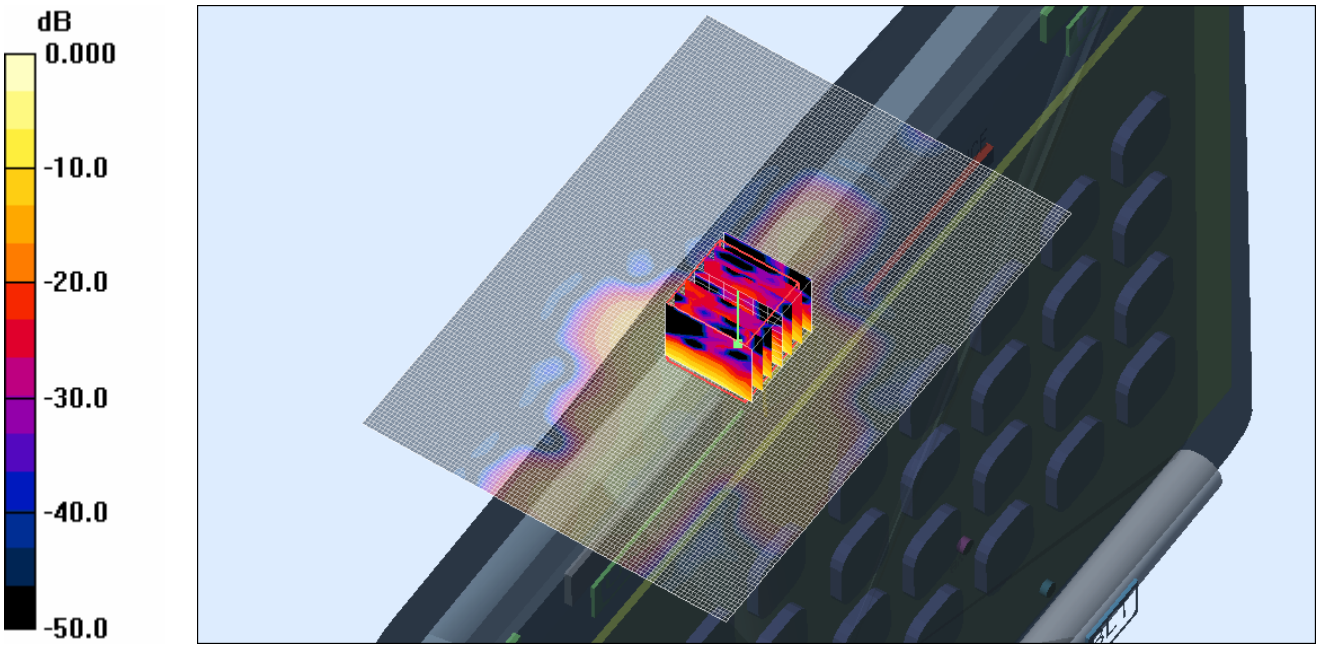
File Name: M100599 Edge On Secondary Landscape OFDM 5600 MHz Antenna A (1) (-1dB) 10-06-10.da4

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

* Communication System: OFDM 5600 MHz; Frequency: 5680 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5676 MHz; σ = 5.91 mho/m; ε_r = 44.4; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.36, 3.36, 3.36)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 136 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.23 mW/g

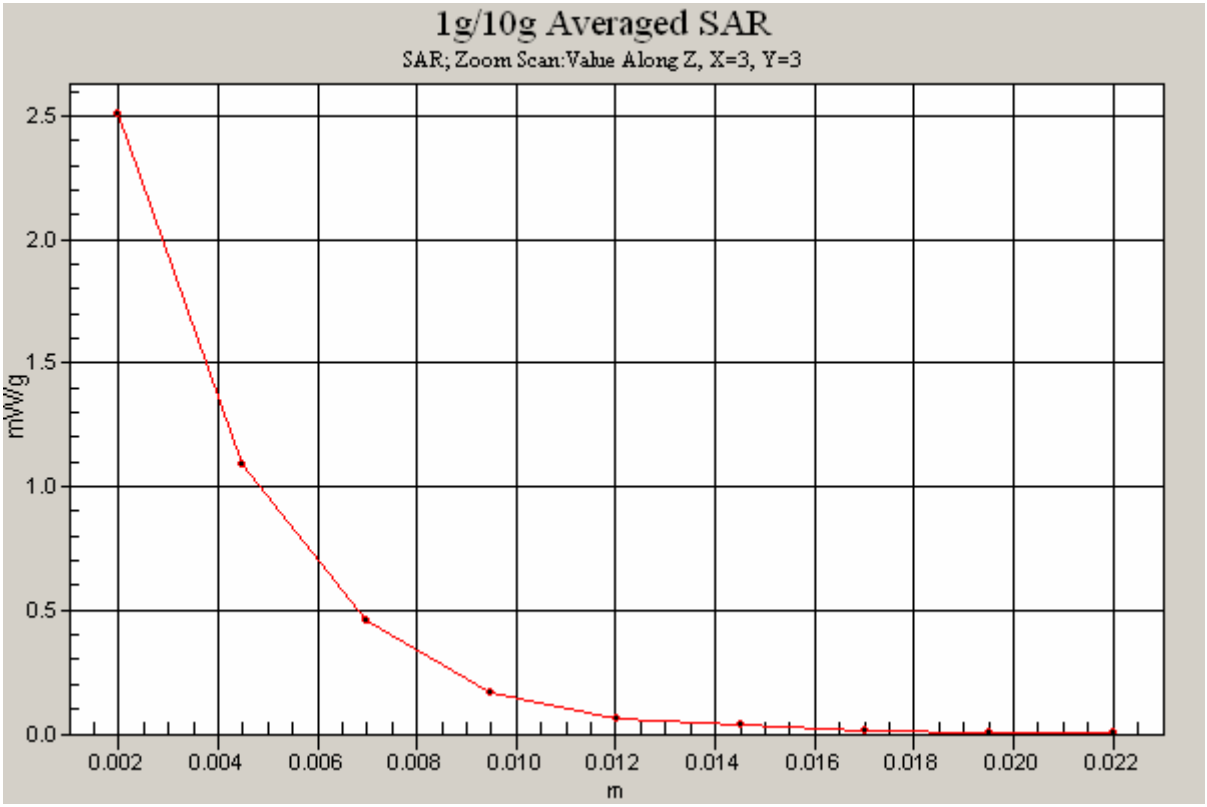
Channel 136 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.1 V/m; Power Drift = -0.460 dB
Peak SAR (extrapolated) = 5.13 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 2.51 mW/g



0 dB = 2.51mW/g

SAR MEASUREMENT PLOT 12

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**37.0 %**



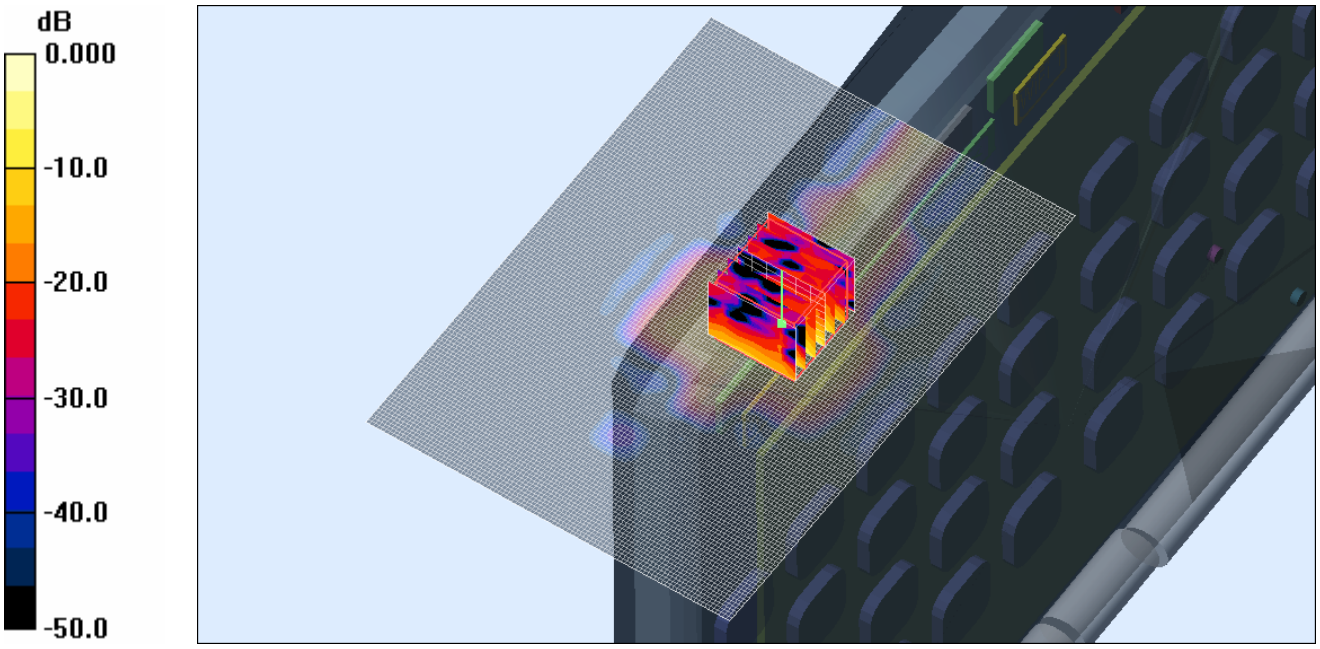
Test Date: 06 June 2010

File Name: M100599 Edge On Secondary Landscape OFDM 5600 MHz Antenna B (2) (-4dB) 10-06-10.da4
DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: OFDM 5600 MHz; Frequency: 5520 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5516 MHz; σ = 5.67 mho/m; ε_r = 44.9; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.36, 3.36, 3.36)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 104 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.76 mW/g

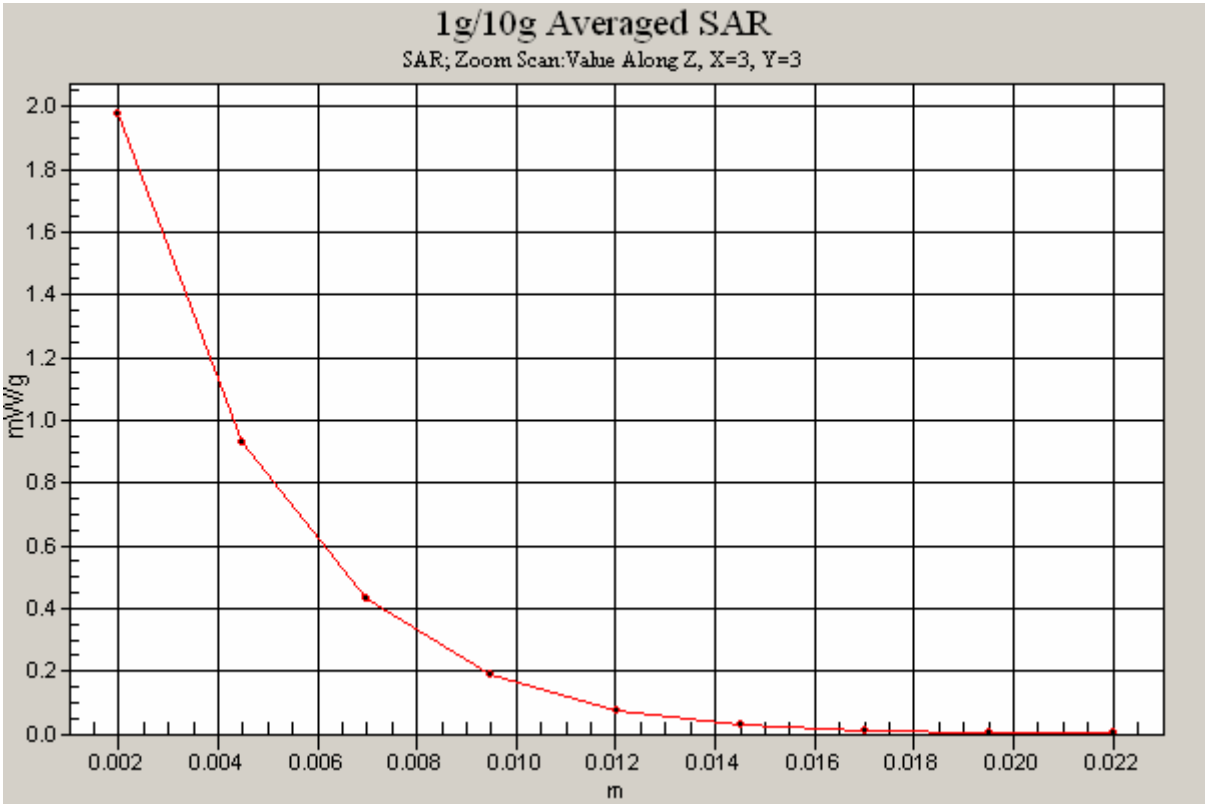
Channel 104 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.70 V/m; Power Drift = -0.372 dB
Peak SAR (extrapolated) = 3.78 W/kg
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 1.98 mW/g



0 dB = 1.98mW/g

SAR MEASUREMENT PLOT 13

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**33.0 %**



Test Date: 06 June 2010

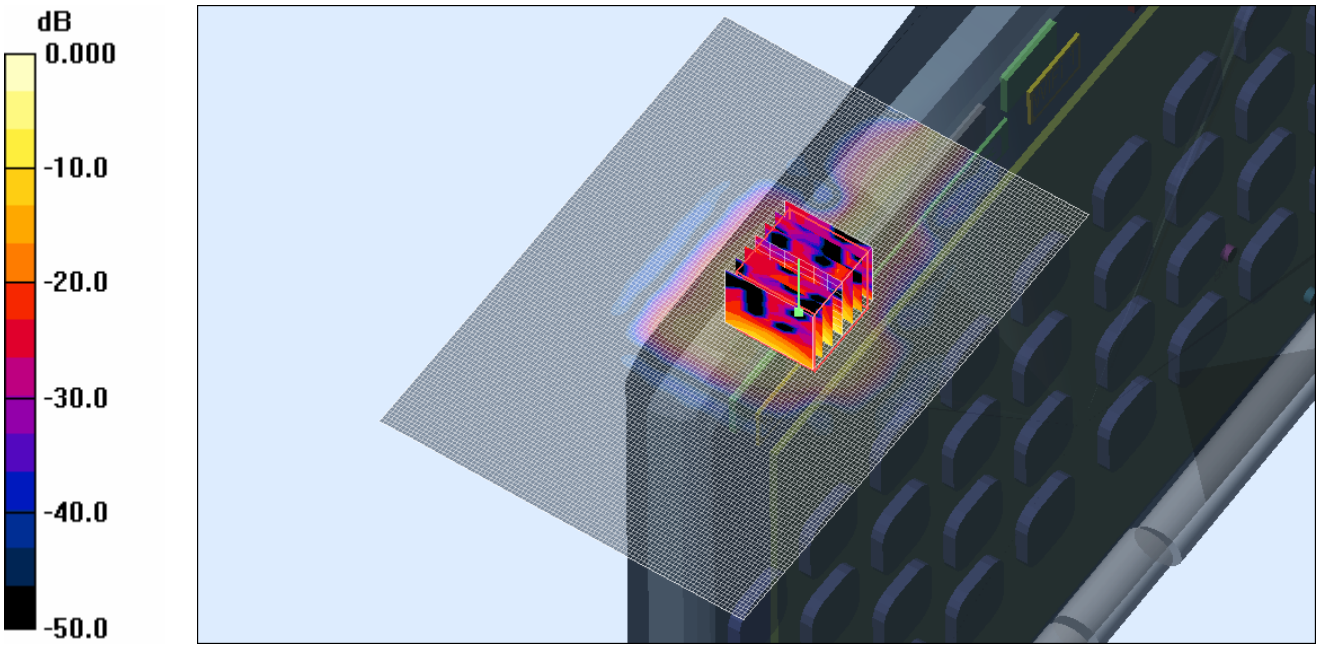
File Name: M100599 Edge On Secondary Landscape OFDM 5600 MHz Antenna B (2) (-4dB) 10-06-10.da4

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

* Communication System: OFDM 5600 MHz; Frequency: 5580 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5580 MHz; σ = 5.76 mho/m; ε_r = 44.7; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.36, 3.36, 3.36)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 116 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.22 mW/g

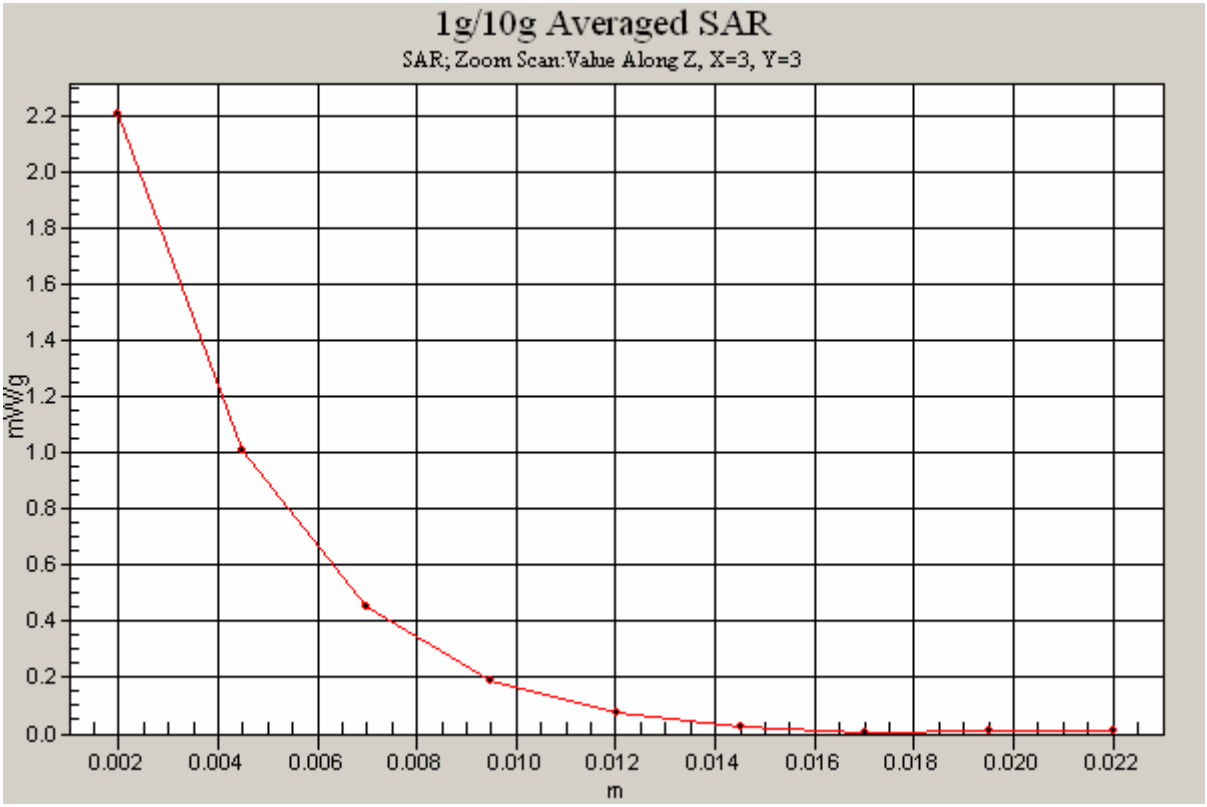
Channel 116 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.75 V/m; Power Drift = 0.214 dB
Peak SAR (extrapolated) = 4.31 W/kg
SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 2.21 mW/g



0 dB = 2.21mW/g

SAR MEASUREMENT PLOT 14

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**33.0 %**



Test Date: 06 June 2010

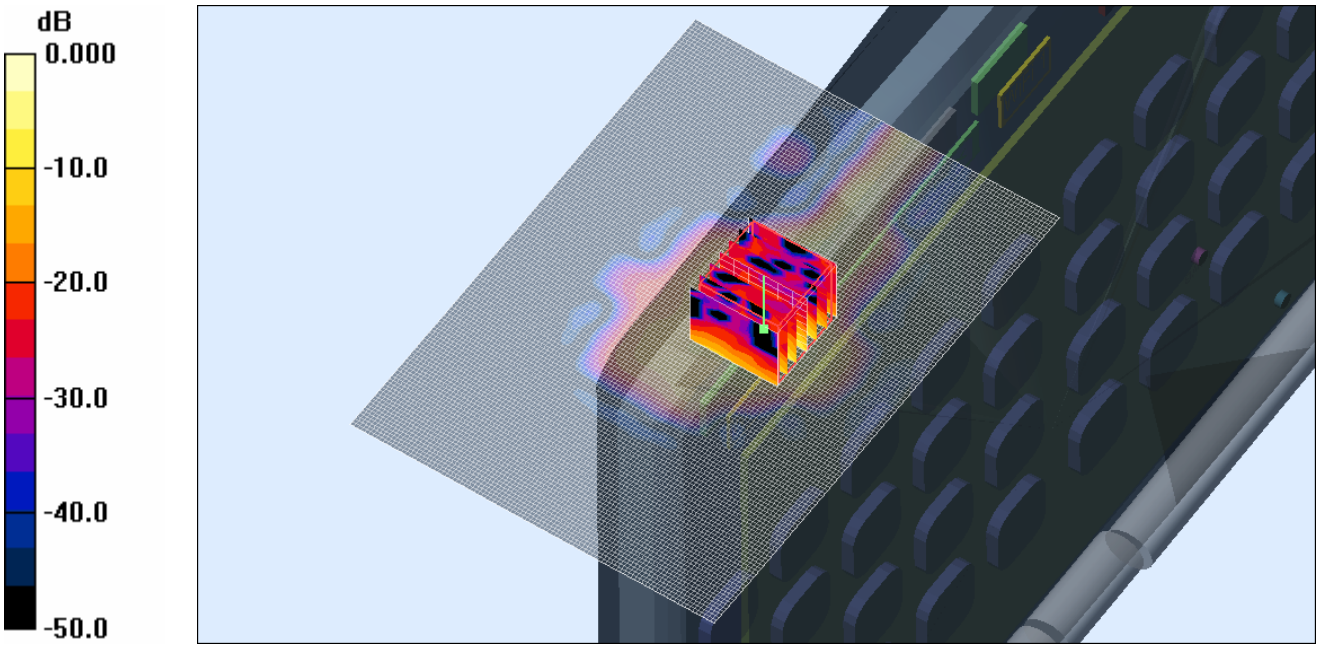
File Name: M100599 Edge On Secondary Landscape OFDM 5600 MHz Antenna B (2) (-4dB) 10-06-10.da4

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

* Communication System: OFDM 5600 MHz; Frequency: 5620 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5612 MHz; σ = 5.81 mho/m; ε_r = 44.6; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.36, 3.36, 3.36)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 124 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.22 mW/g

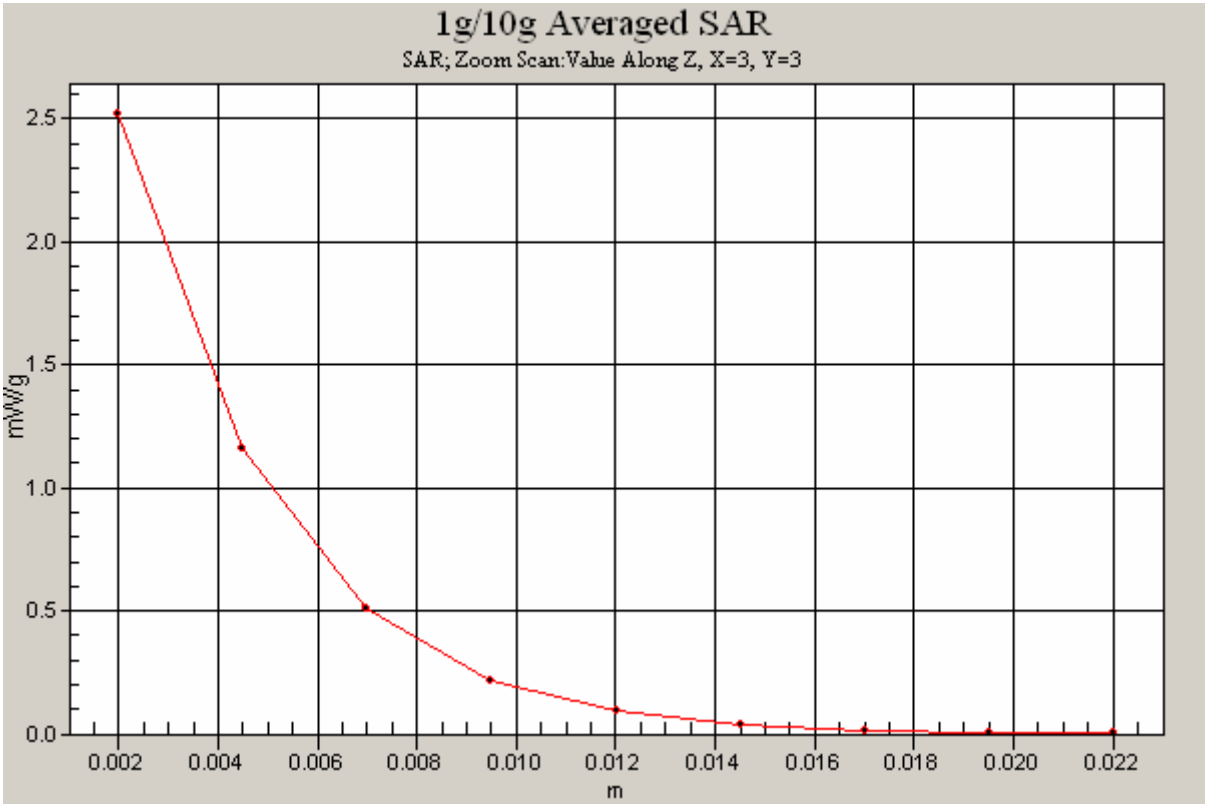
Channel 124 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.26 V/m; Power Drift = 0.233 dB
Peak SAR (extrapolated) = 5.01 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 2.52 mW/g



0 dB = 2.52mW/g

SAR MEASUREMENT PLOT 15

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**33.0 %**



Test Date: 06 June 2010

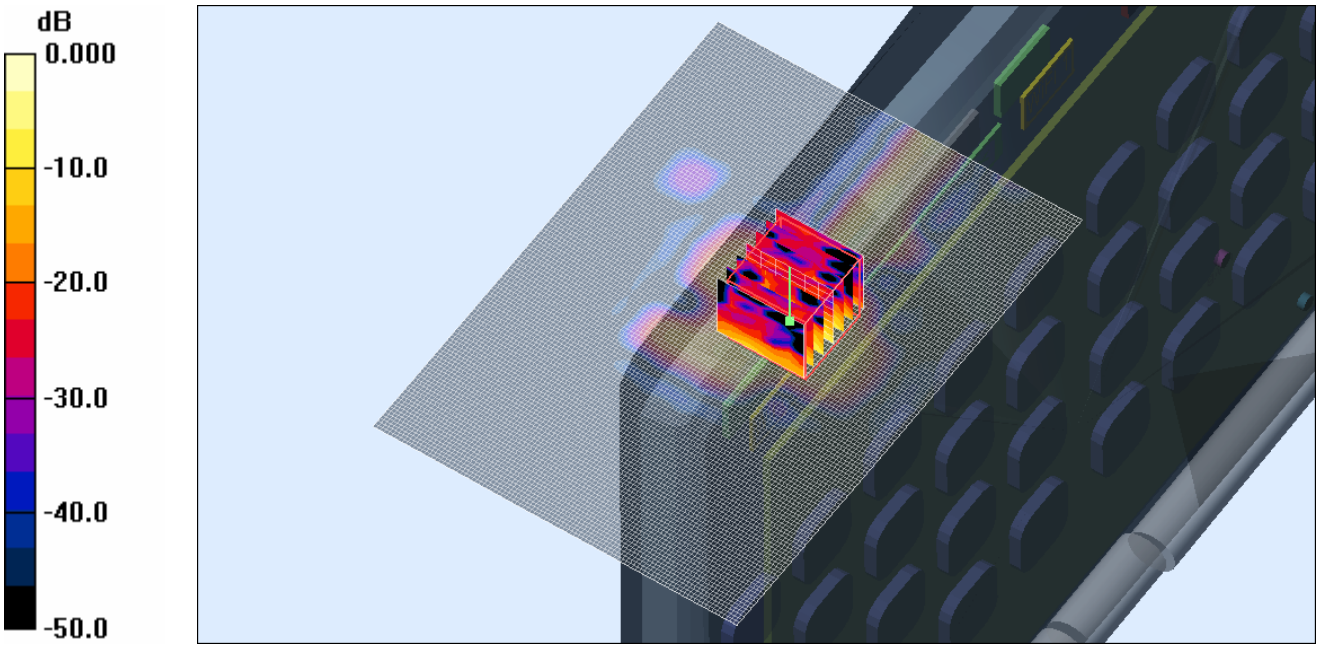
File Name: M100599 Edge On Secondary Landscape OFDM 5600 MHz Antenna B (2) (-4dB) 10-06-10.da4

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

* Communication System: OFDM 5600 MHz; Frequency: 5680 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5676 MHz; σ = 5.91 mho/m; ε_r = 44.4; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.36, 3.36, 3.36)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 136 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.77 mW/g

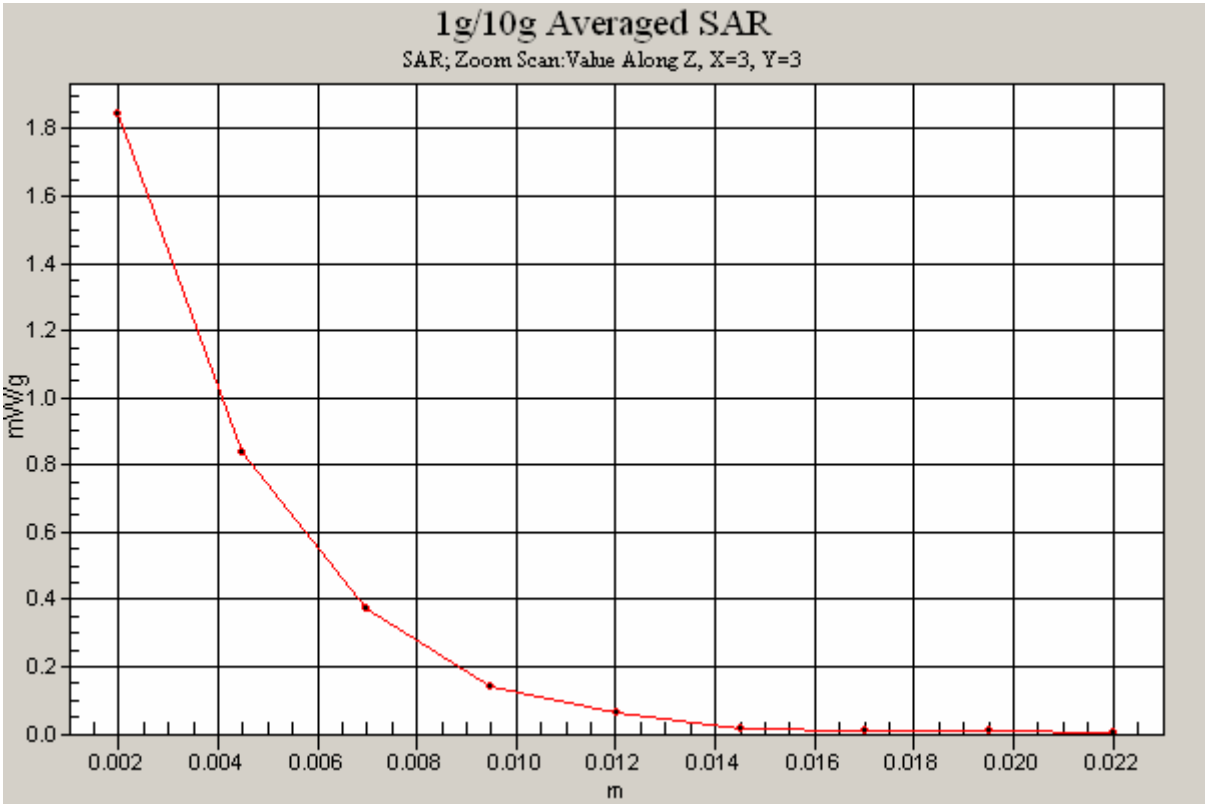
Channel 136 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.71 V/m; Power Drift = 0.099 dB
Peak SAR (extrapolated) = 3.63 W/kg
SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 1.84 mW/g



0 dB = 1.84mW/g

SAR MEASUREMENT PLOT 16

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**33.0 %**



Test Date: 28 May 2010

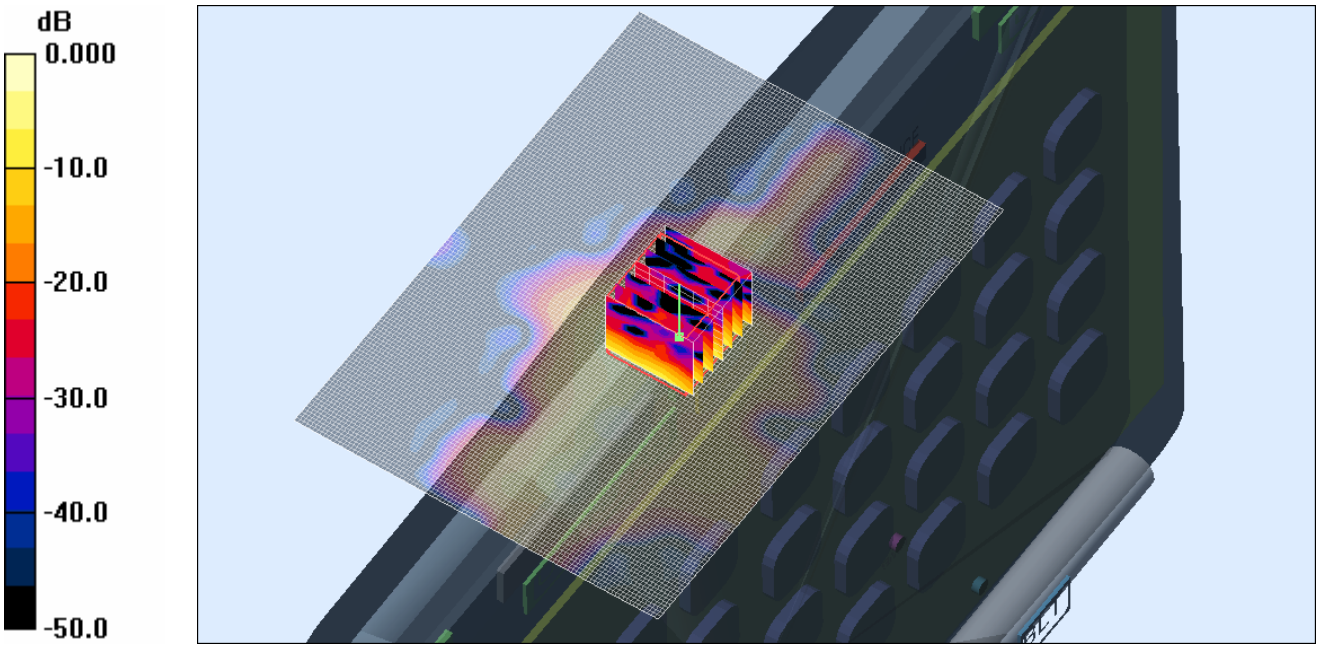
File Name: M100599 Edge On Secondary Landscape OFDM 5800 MHz Antenna A (1) (-2dB) 28-05-10.da4

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

* Communication System: OFDM 5770 MHz; Frequency: 5745 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5740 MHz; σ = 6.03 mho/m; ε_r = 45.5; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.26, 3.26, 3.26)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 149 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.33 mW/g

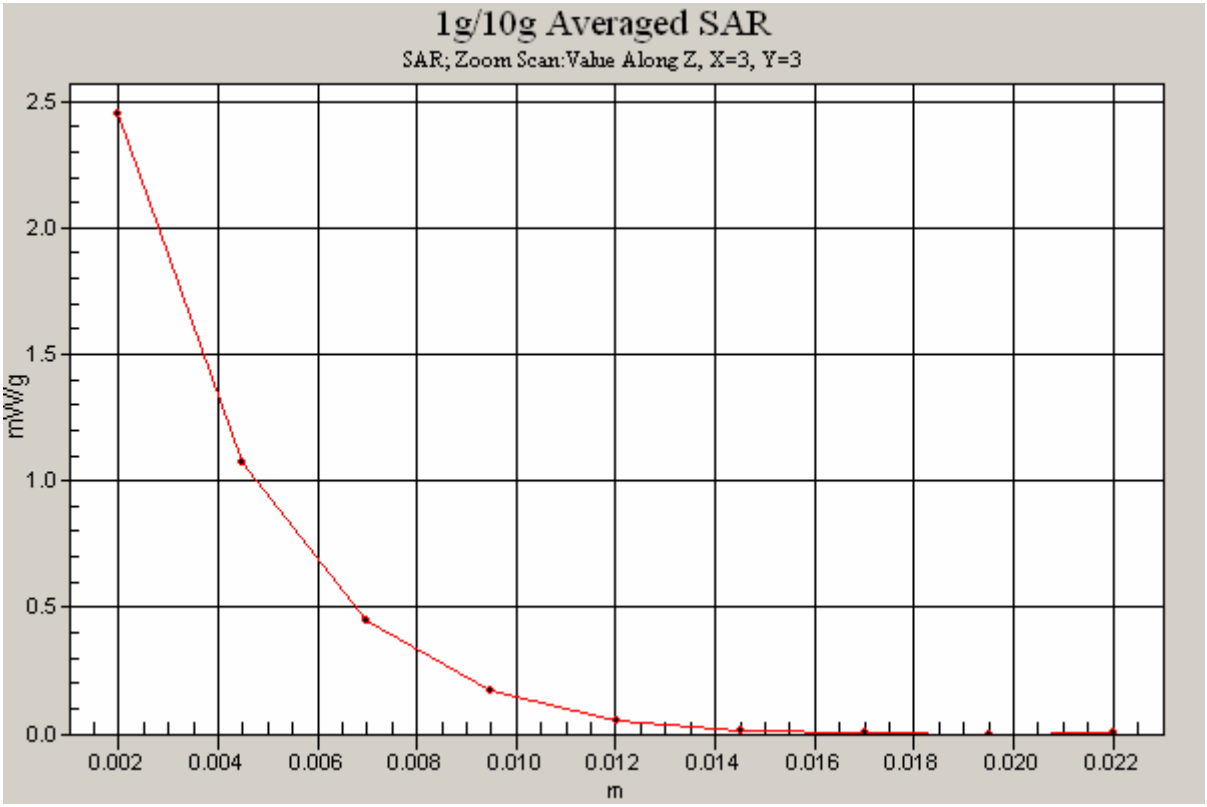
Channel 149 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.4 V/m; Power Drift = -0.292 dB
Peak SAR (extrapolated) = 4.72 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.249 mW/g
Maximum value of SAR (measured) = 2.45 mW/g



0 dB = 2.45mW/g

SAR MEASUREMENT PLOT 17

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**53.0 %**



Test Date: 28 May 2010

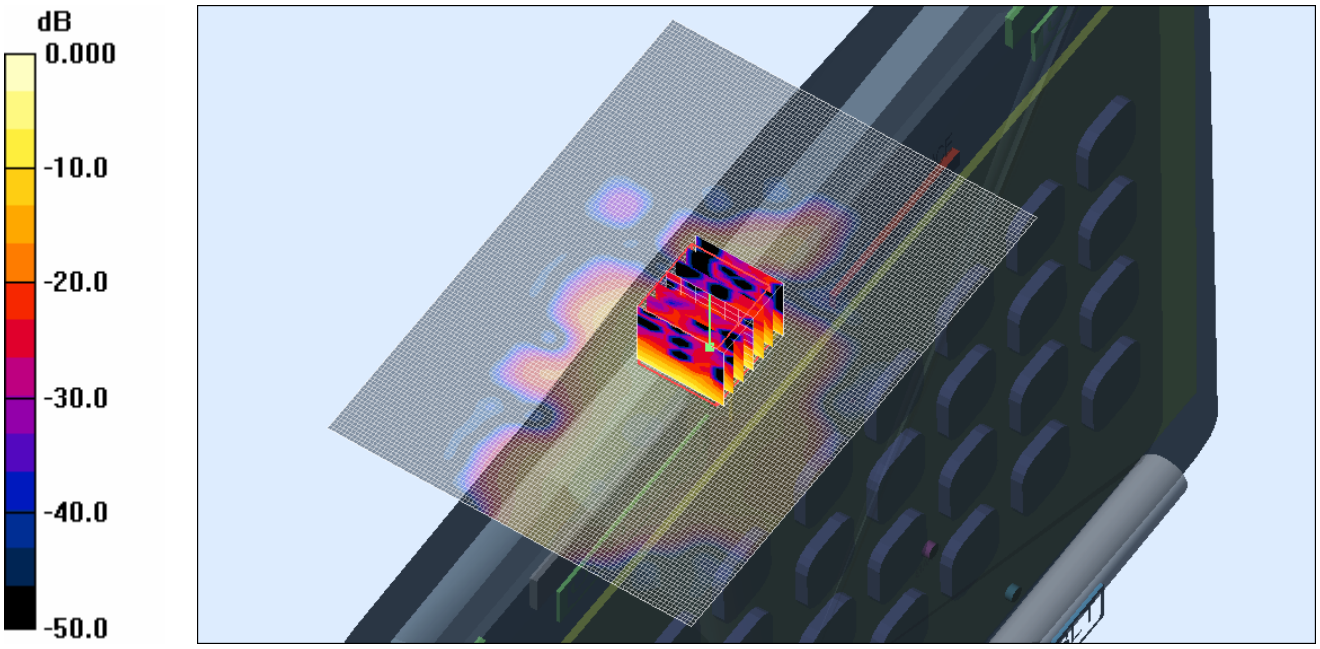
File Name: M100599 Edge On Secondary Landscape OFDM 5800 MHz Antenna A (1) (-2dB) 28-05-10.da4

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

* Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5780 MHz; σ = 6.11 mho/m; ε_r = 45.3; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.26, 3.26, 3.26)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.21 mW/g

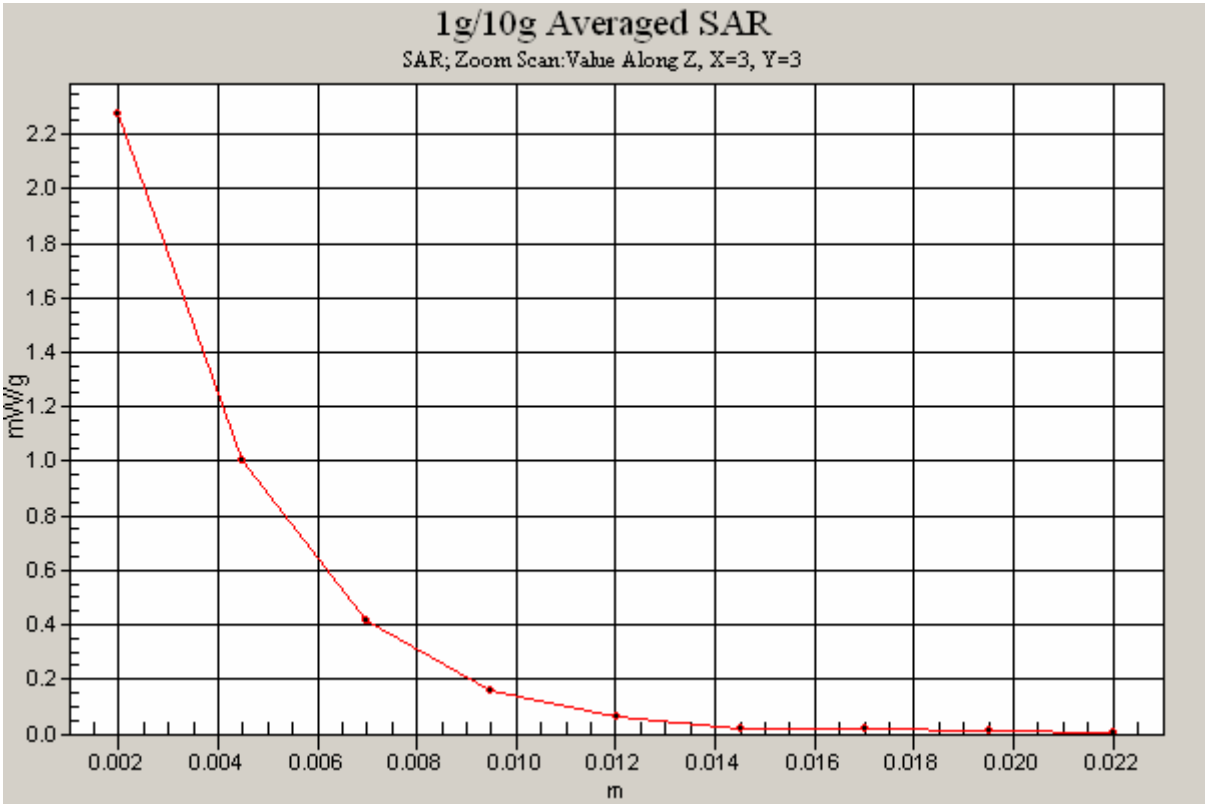
Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.48 V/m; Power Drift = -0.499 dB
Peak SAR (extrapolated) = 4.48 W/kg
SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.231 mW/g
Maximum value of SAR (measured) = 2.28 mW/g



0 dB = 2.28mW/g

SAR MEASUREMENT PLOT 18

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**53.0 %**



Test Date: 28 May 2010

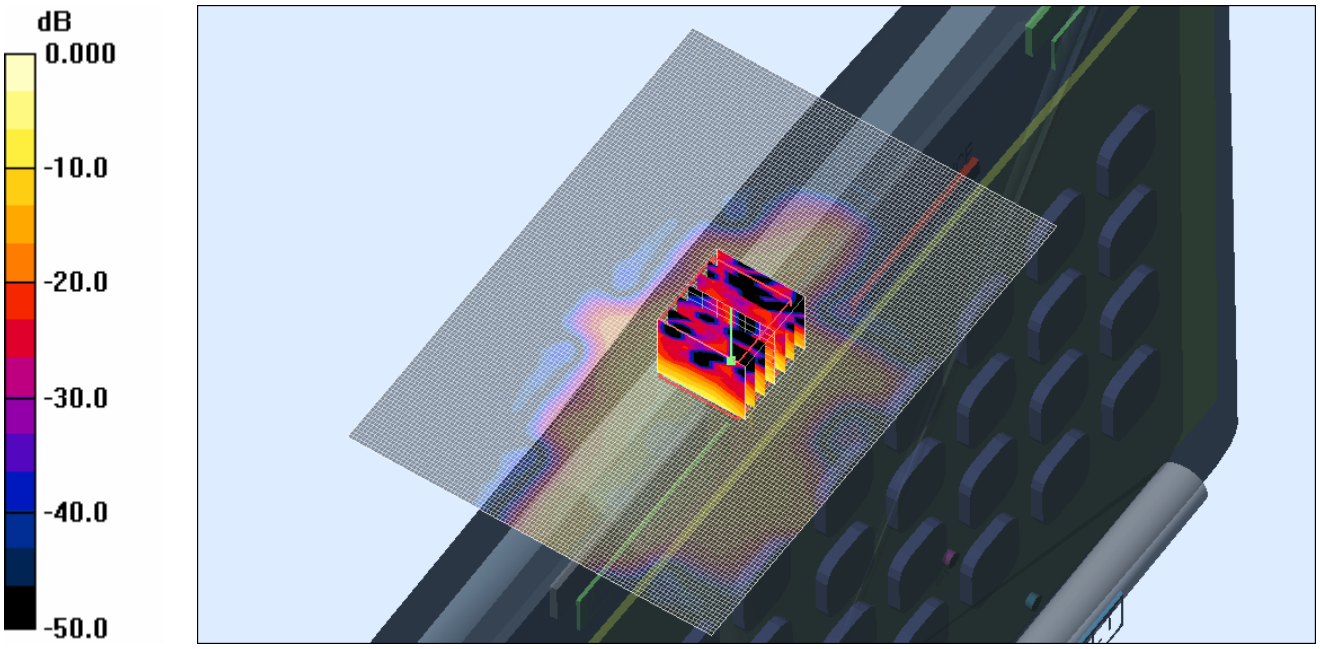
File Name: M100599 Edge On Secondary Landscape OFDM 5800 MHz Antenna A (1) (-2dB) 28-05-10.da4

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

* Communication System: OFDM 5770 MHz; Frequency: 5825 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5820 MHz; σ = 6.17 mho/m; ε_r = 45.2; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.26, 3.26, 3.26)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 165 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.80 mW/g

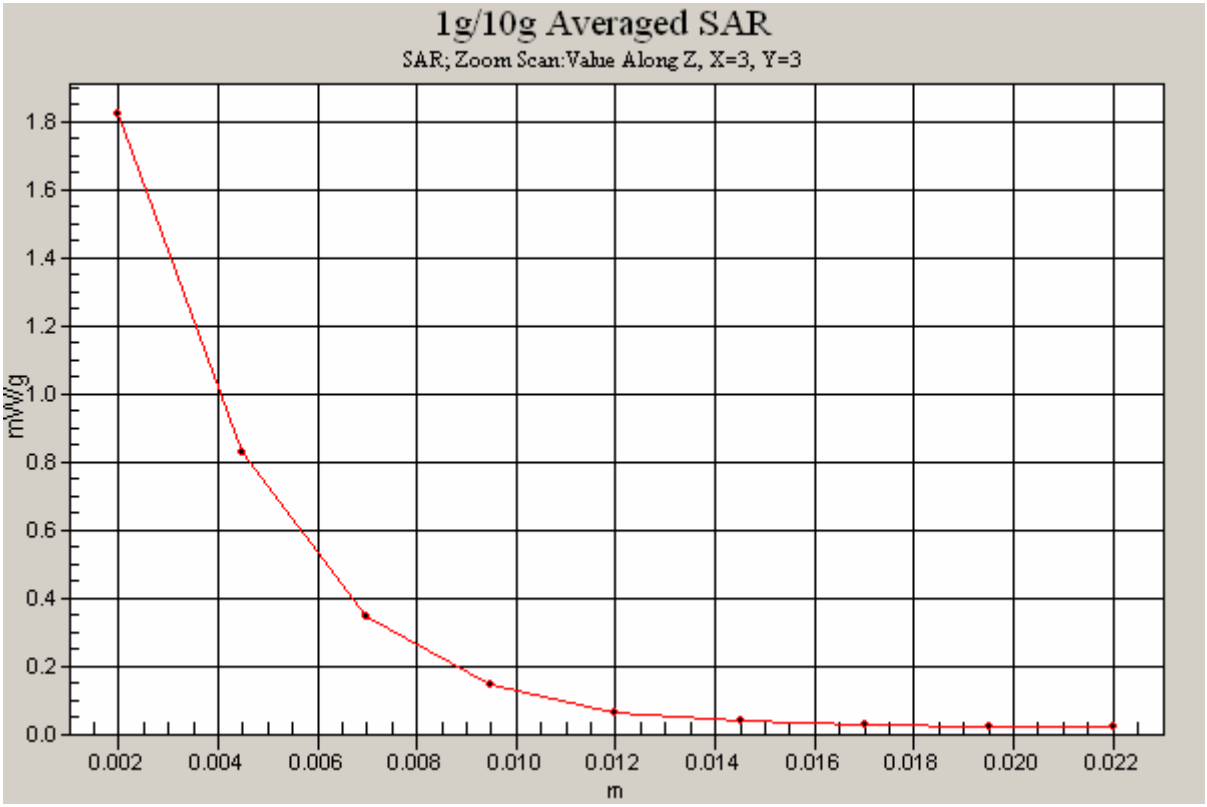
Channel 165 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.33 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 3.50 W/kg
SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 1.82 mW/g



0 dB = 1.82mW/g

SAR MEASUREMENT PLOT 19

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**53.0 %**



Test Date: 28 May 2010

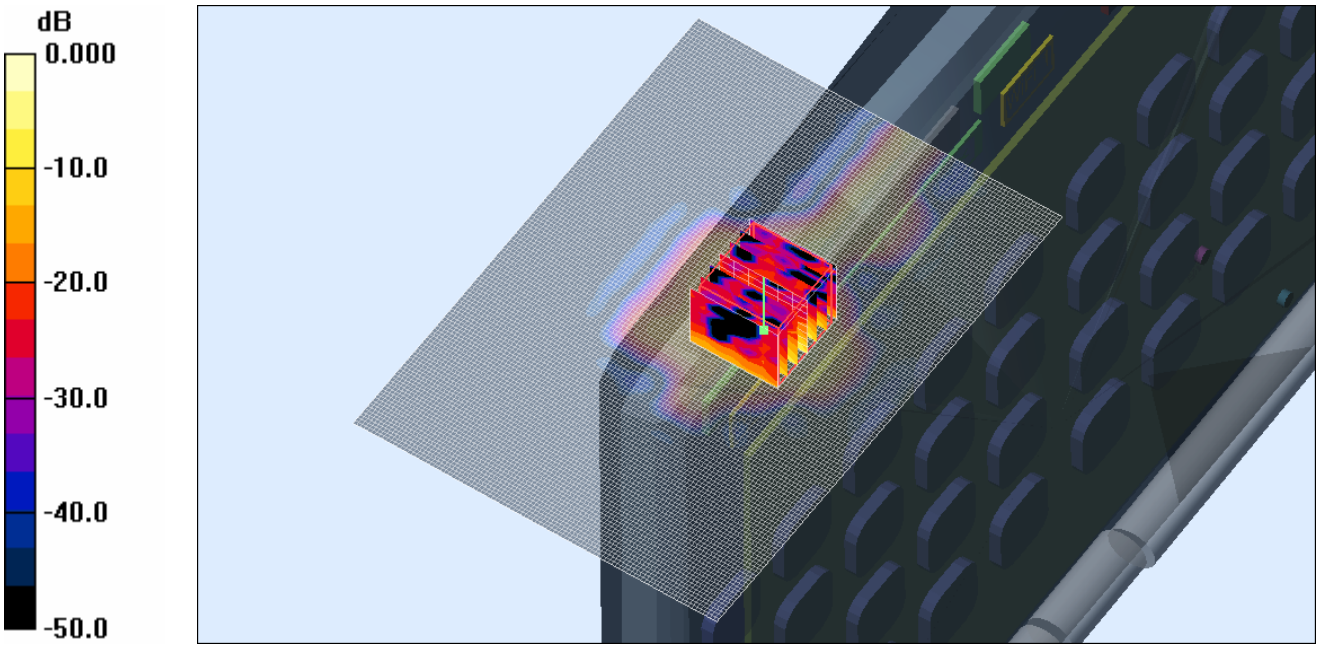
File Name: M100599 Edge On Secondary Landscape OFDM 5800 MHz Antenna B (2) (-3dB) 28-05-10.da4

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

* Communication System: OFDM 5770 MHz; Frequency: 5745 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5740 MHz; σ = 6.03 mho/m; ε_r = 45.5; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.26, 3.26, 3.26)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 149 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.75 mW/g

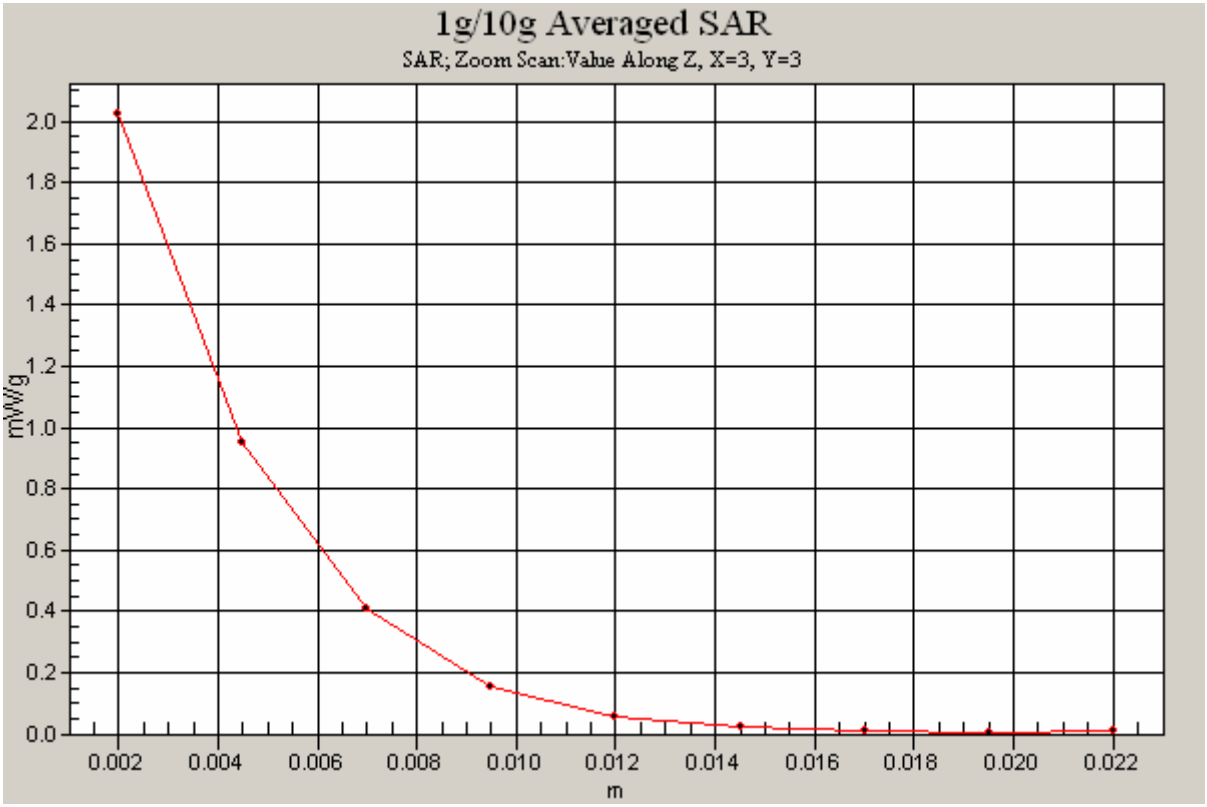
Channel 149 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.73 V/m; Power Drift = -0.117 dB
Peak SAR (extrapolated) = 3.94 W/kg
SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.193 mW/g
Maximum value of SAR (measured) = 2.02 mW/g



0 dB = 2.02mW/g

SAR MEASUREMENT PLOT 20

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**53.0 %**



Test Date: 28 May 2010

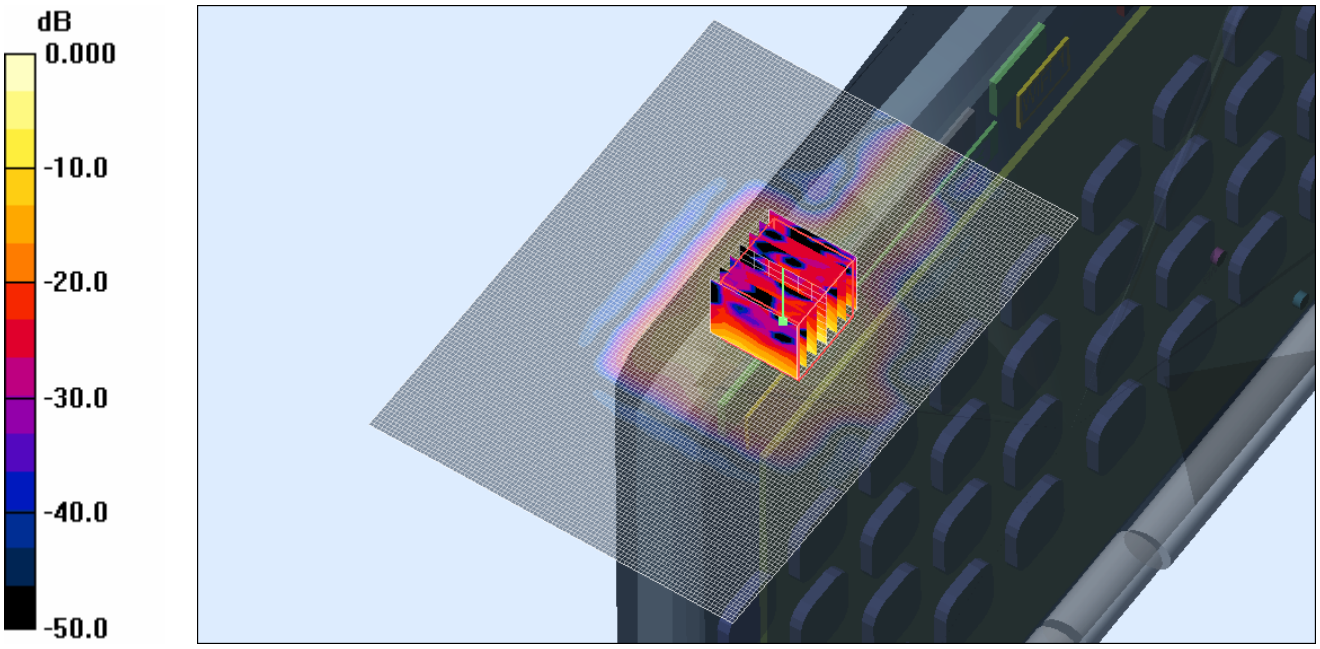
File Name: M100599 Edge On Secondary Landscape OFDM 5800 MHz Antenna B (2) (-3dB) 28-05-10.da4

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

* Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5780 MHz; σ = 6.11 mho/m; ε_r = 45.3; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.26, 3.26, 3.26)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.65 mW/g

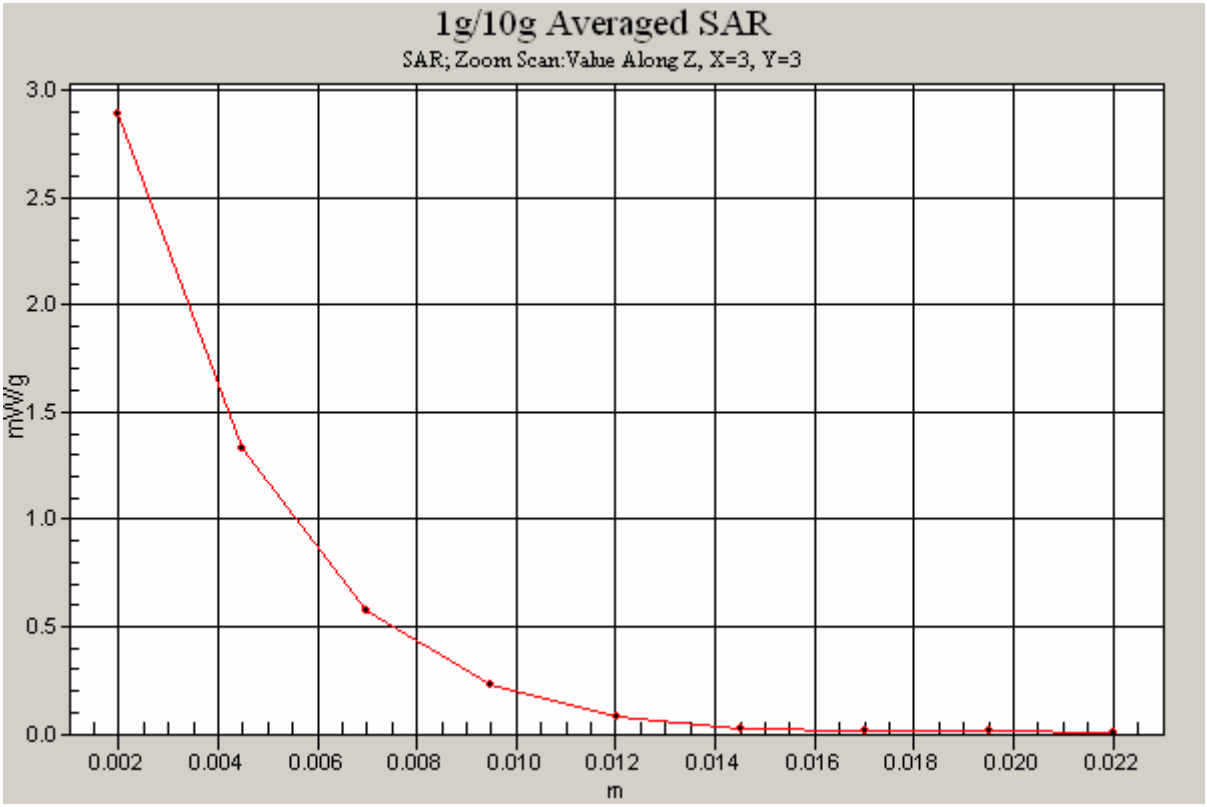
Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.28 V/m; Power Drift = -0.231 dB
Peak SAR (extrapolated) = 5.45 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.270 mW/g
Maximum value of SAR (measured) = 2.89 mW/g



0 dB = 2.89mW/g

SAR MEASUREMENT PLOT 21

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**53.0 %**



Test Date: 28 May 2010

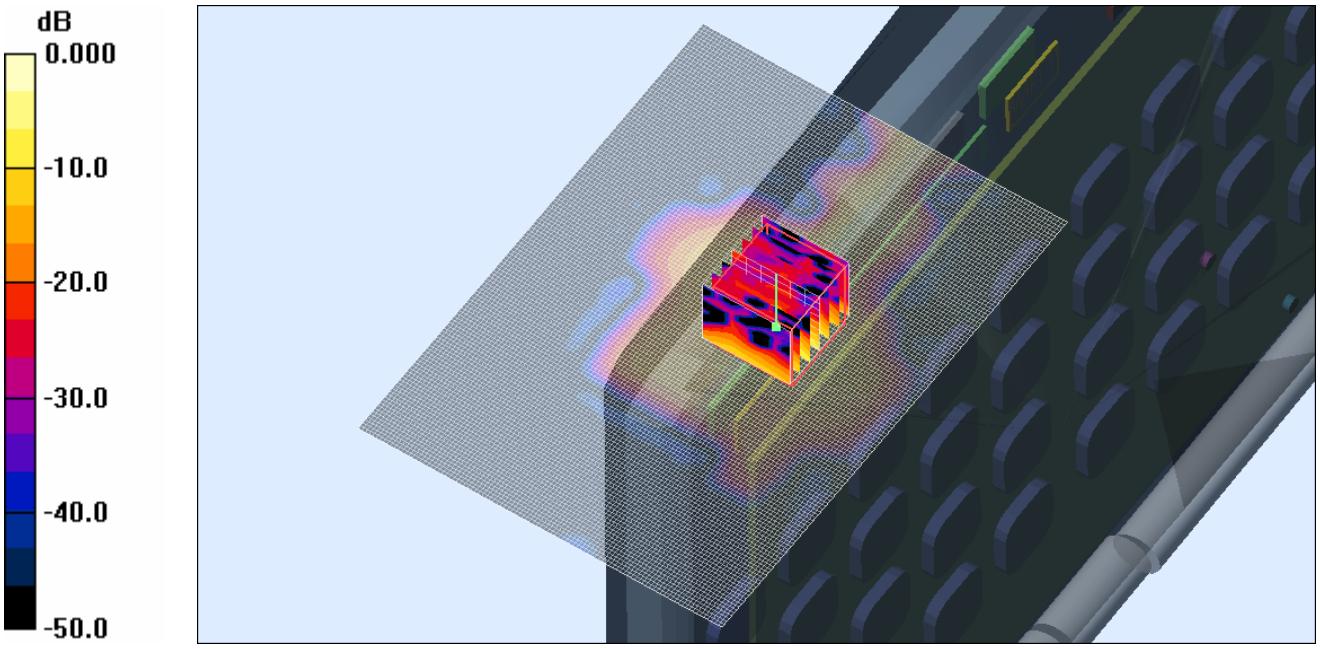
File Name: M100599 Edge On Secondary Landscape OFDM 5800 MHz Antenna B (2) (-3dB) 28-05-10.da4

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

* Communication System: OFDM 5770 MHz; Frequency: 5825 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5820 MHz; σ = 6.17 mho/m; ε_r = 45.2; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.26, 3.26, 3.26)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 165 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.93 mW/g

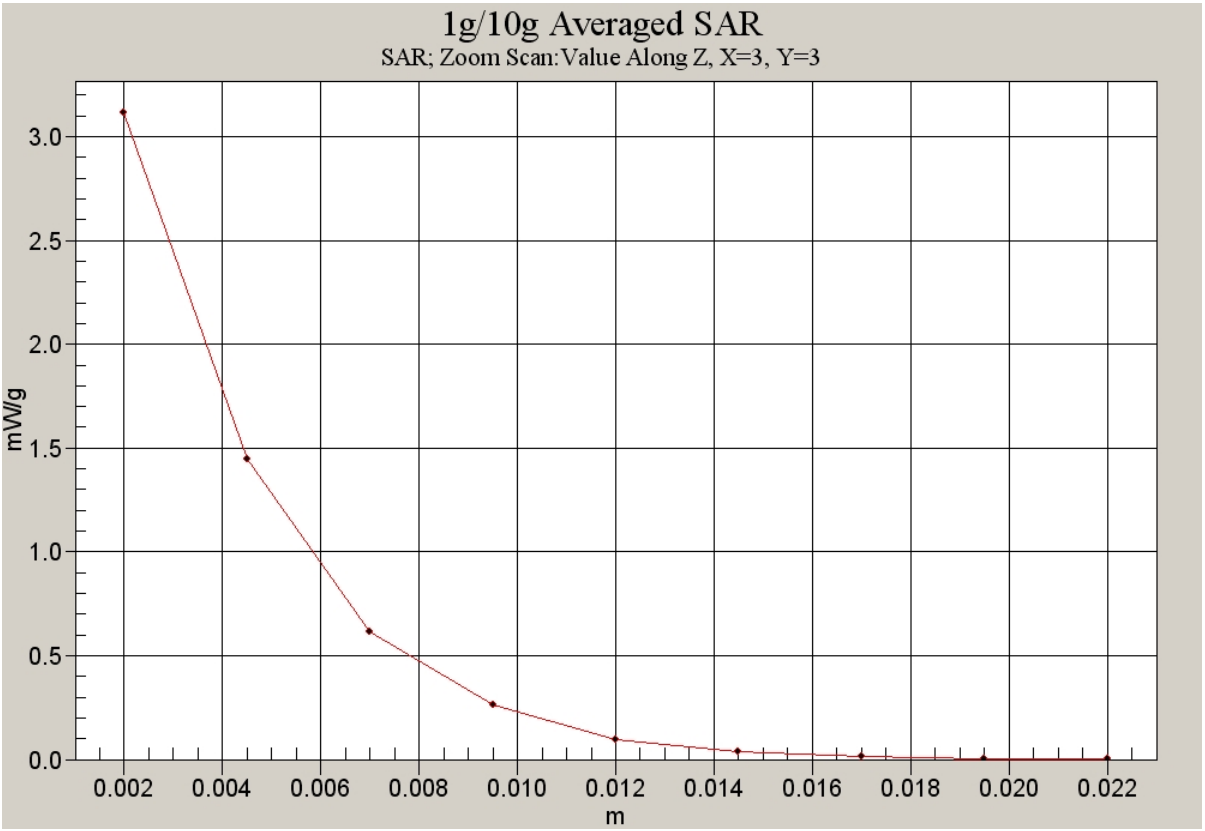
Channel 165 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.88 V/m; Power Drift = 0.155 dB
Peak SAR (extrapolated) = 6.15 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.310 mW/g
Maximum value of SAR (measured) = 3.11 mW/g



0 dB = 3.11mW/g

SAR MEASUREMENT PLOT 22

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**53.0 %**

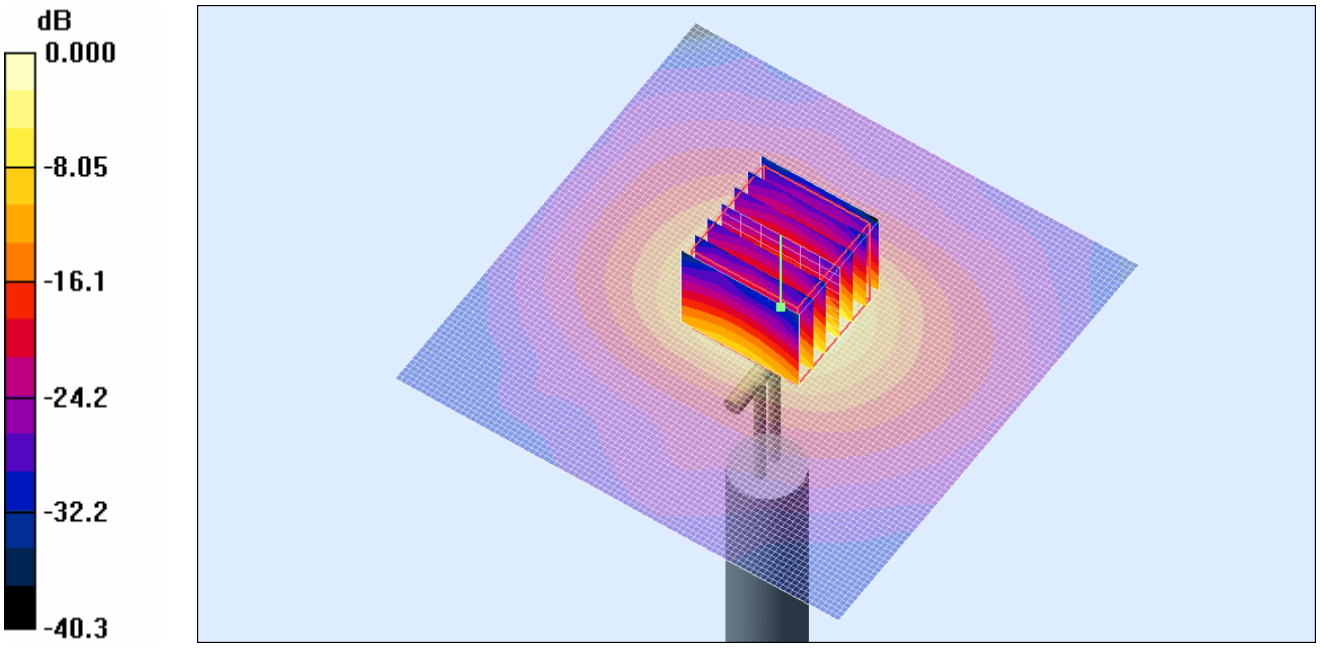


Test Date: 16 June 2010
File Name: System Check 5200MHz (DAE 442 Probe SN3563) 16-06-10.da4
DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5200 MHz; Frequency: 5200 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5196 MHz; σ = 5.17 mho/m; ε_r = 45.9; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.92, 3.92, 3.92)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 17.5 mW/g

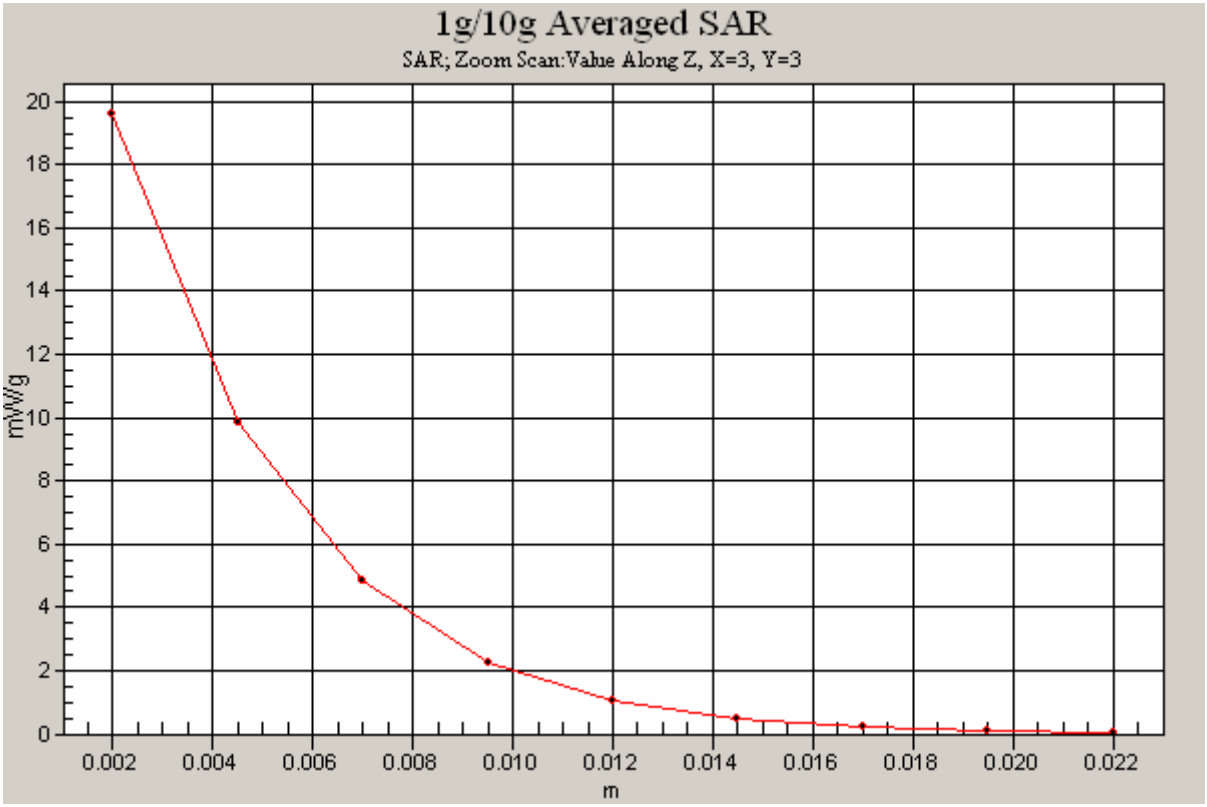
Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 59.6 V/m; Power Drift = -0.296 dB
Peak SAR (extrapolated) = 34.4 W/kg
SAR(1 g) = 9.26 mW/g; SAR(10 g) = 2.6 mW/g
Maximum value of SAR (measured) = 19.6 mW/g



0 dB = 19.6mW/g

SAR MEASUREMENT PLOT 23

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**20.9 Degrees Celsius**
Humidity	**39.0 %**

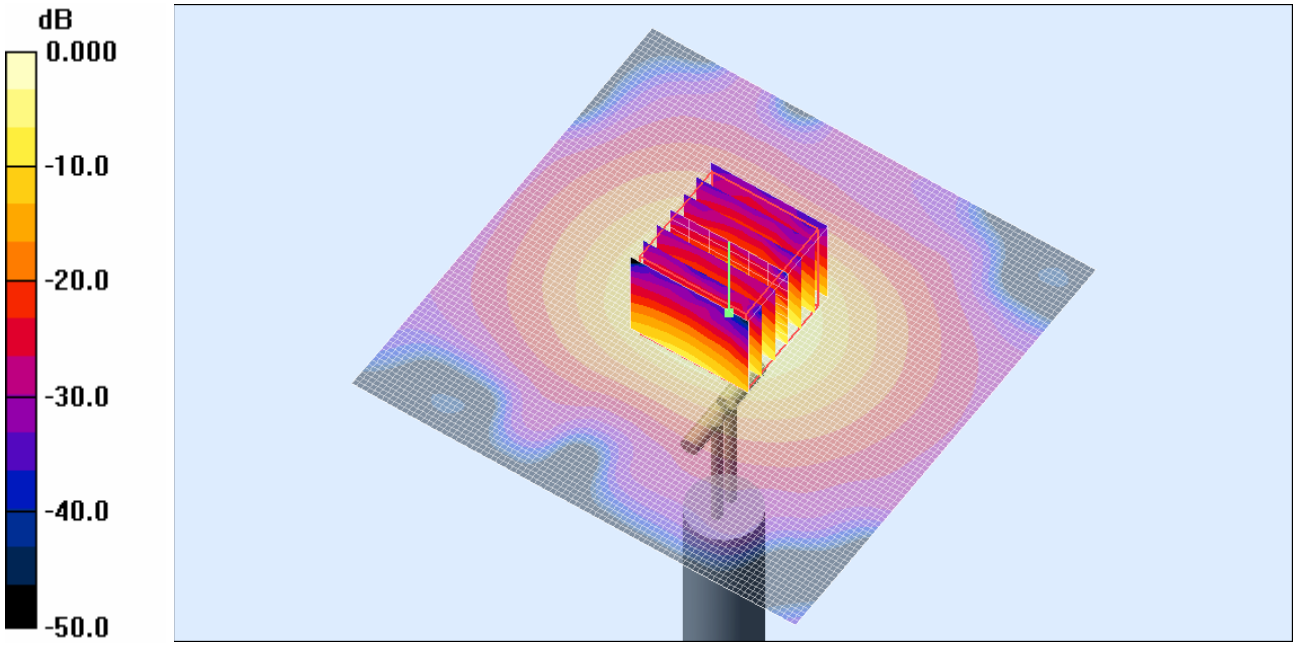


Test Date: 10 June 2010
File Name: System Check 5500MHz (DAE 442 Probe SN3563) 10-06-10.da4
DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5500 MHz; Frequency: 5500 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5500 MHz; σ = 5.64 mho/m; ε_r = 44.9; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.36, 3.36, 3.36)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 17.9 mW/g

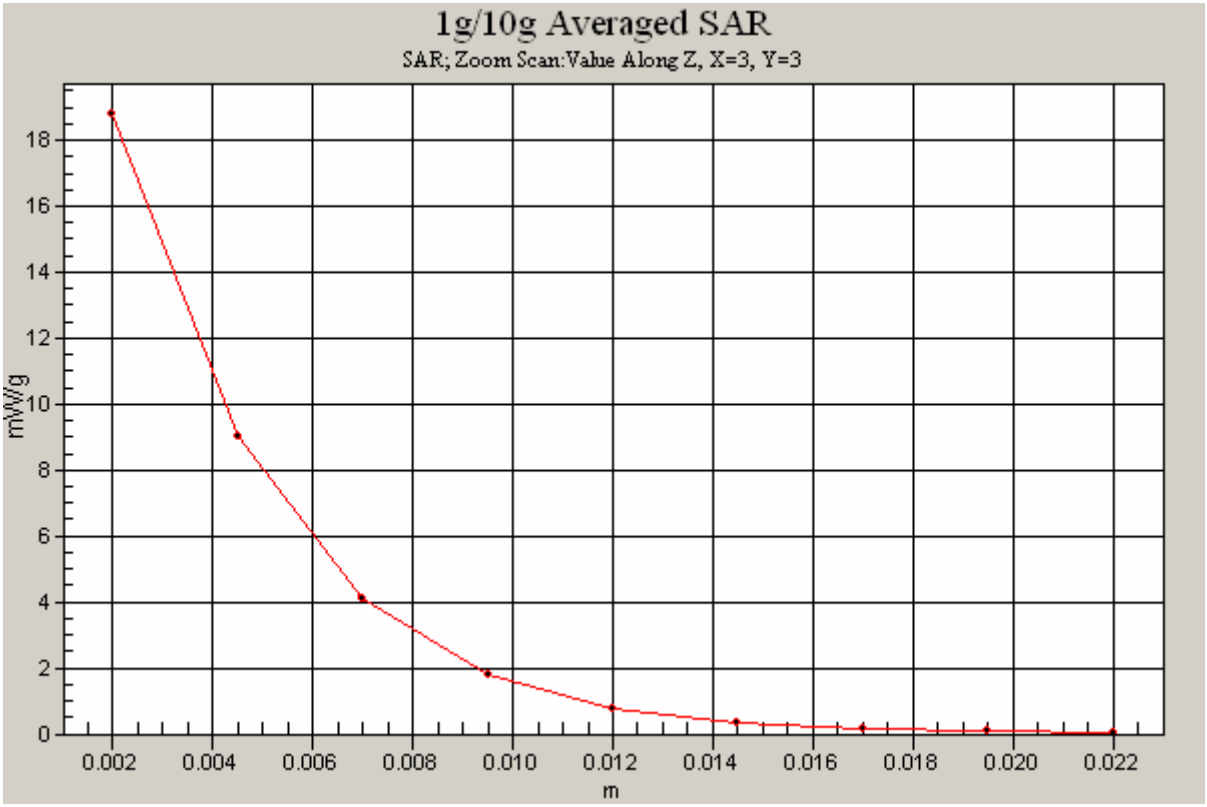
Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 59.5 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 33.7 W/kg
SAR(1 g) = 8.82 mW/g; SAR(10 g) = 2.48 mW/g
Maximum value of SAR (measured) = 18.8 mW/g



0 dB = 18.8mW/g

SAR MEASUREMENT PLOT 24

Ambient Temperature	**21.2 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**37.0 %**

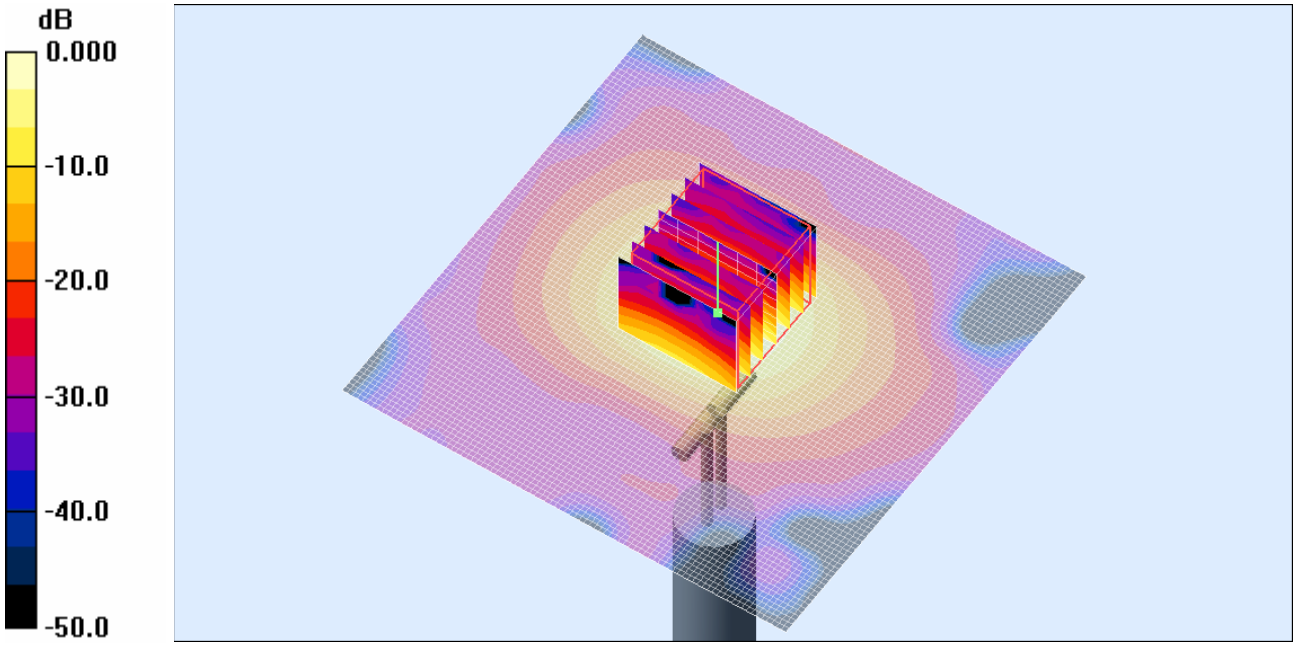


Test Date: 28 May 2010
File Name: System Check 5800MHz (DAE 442 Probe SN3563) 28-05-10.da4
DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5800 MHz; Frequency: 5800 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5800 MHz; σ = 6.15 mho/m; ε_r = 45.3; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.26, 3.26, 3.26)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 18.9 mW/g

Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 57.8 V/m; Power Drift = -0.719 dB
Peak SAR (extrapolated) = 35.1 W/kg
SAR(1 g) = 8.82 mW/g; SAR(10 g) = 2.46 mW/g
Maximum value of SAR (measured) = 19.6 mW/g



0 dB = 19.6mW/g

SAR MEASUREMENT PLOT 25

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.7 Degrees Celsius**
Humidity	**53.0 %**