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 21 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
	2	B	1	-	06
Edge On Secondary Landscape	**3**	A	1	-	06
	4	B	1	-	06
Edge On Primary Portrait	**5**	A	1	-	01
	6				06
	7				11
Bystander	**8**	A	1	-	06
	9	B	1	-	06

Table 22 2450MHz System Verification Plot

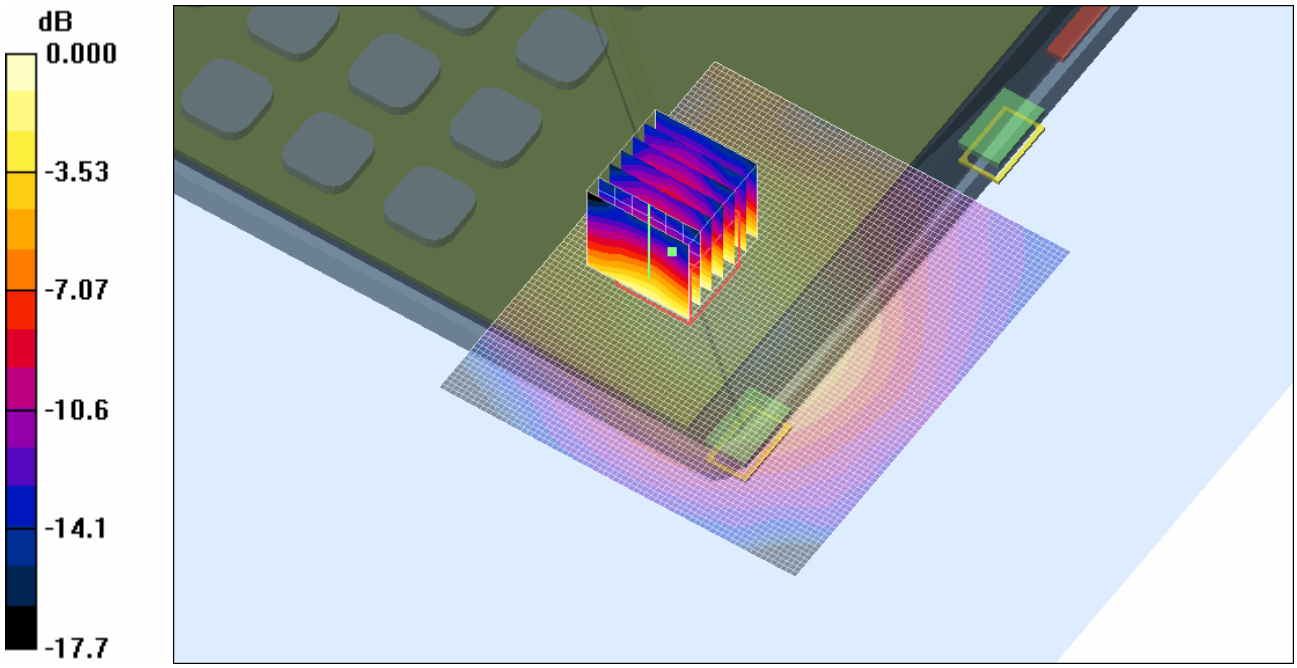
Plot 10	System Verification 2450 MHz 25th January 2011

Test Date: 25 January 2011
File Name: M101143 Tablet DSSS 2450 MHz Antenna A (1) 25-01-11.da4
DUT: Fujitsu Tablet Stork with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.92 mho/m; ε_r = 51; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.074 mW/g

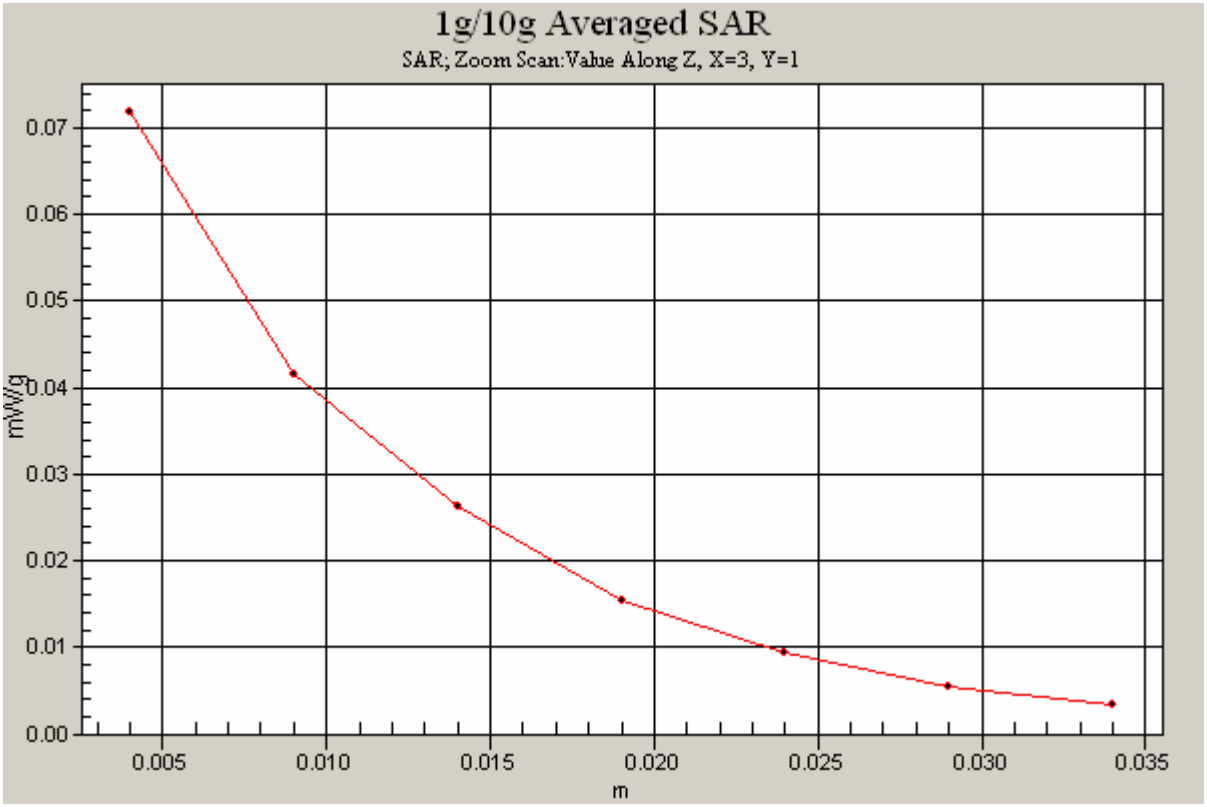
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.39 V/m; Power Drift = 0.380 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.072mW/g

SAR MEASUREMENT PLOT 1

Ambient Temperature	**21.5 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**56.0 %**

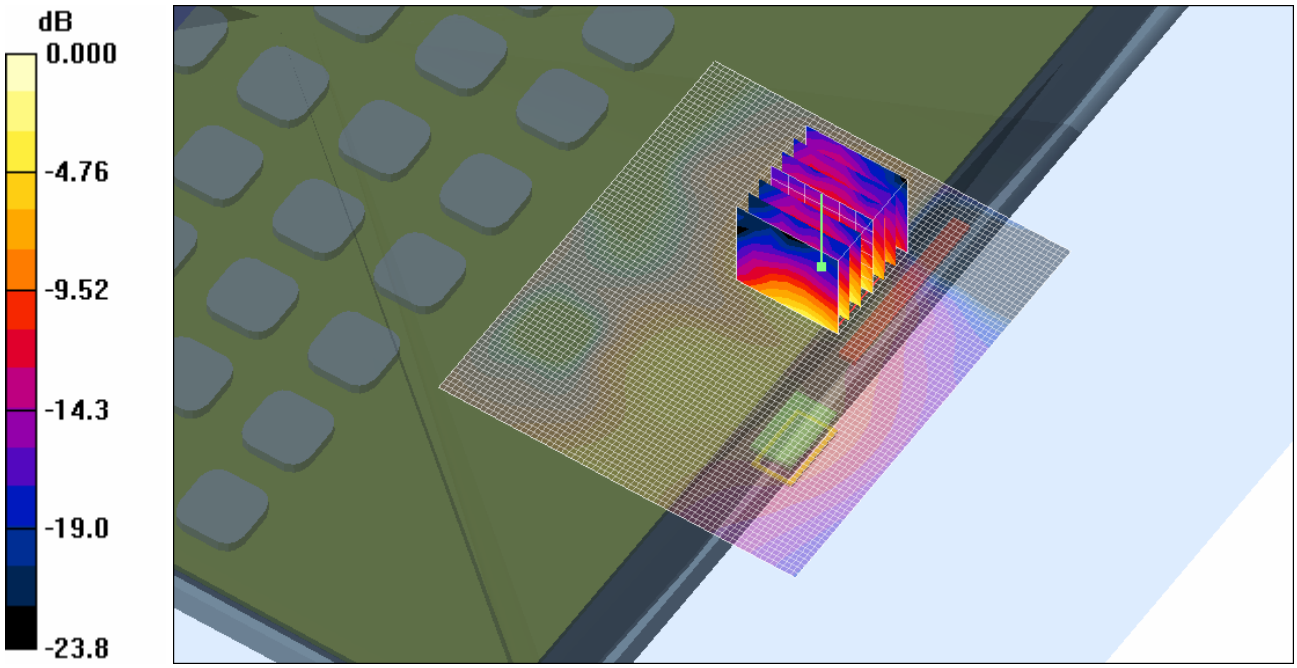


Test Date: 25 January 2011
File Name: M101143 Tablet DSSS 2450 MHz Antenna B (2) 25-01-11.da4
DUT: Fujitsu Tablet Stork with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.92 mho/m; ε_r = 51; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.108 mW/g

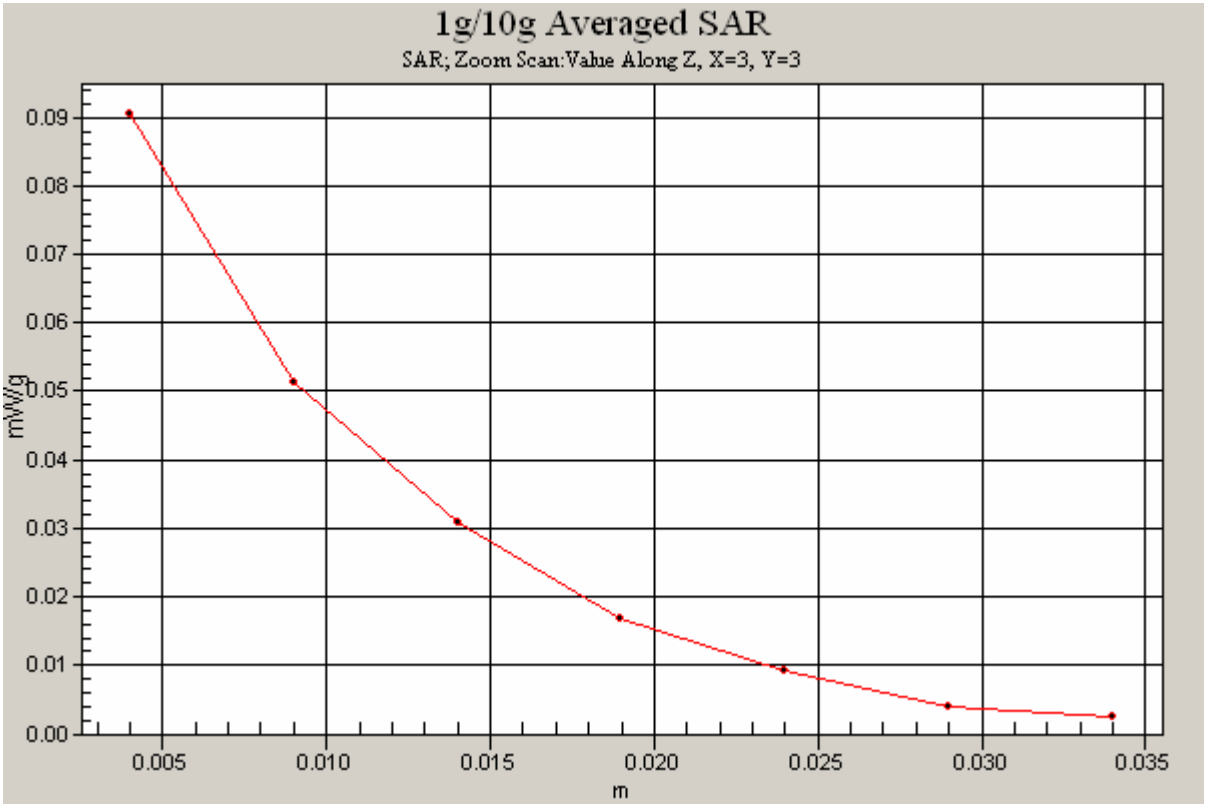
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.82 V/m; Power Drift = 0.275 dB
Peak SAR (extrapolated) = 0.167 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.091 mW/g



0 dB = 0.091mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature	**21.5 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**56.0 %**

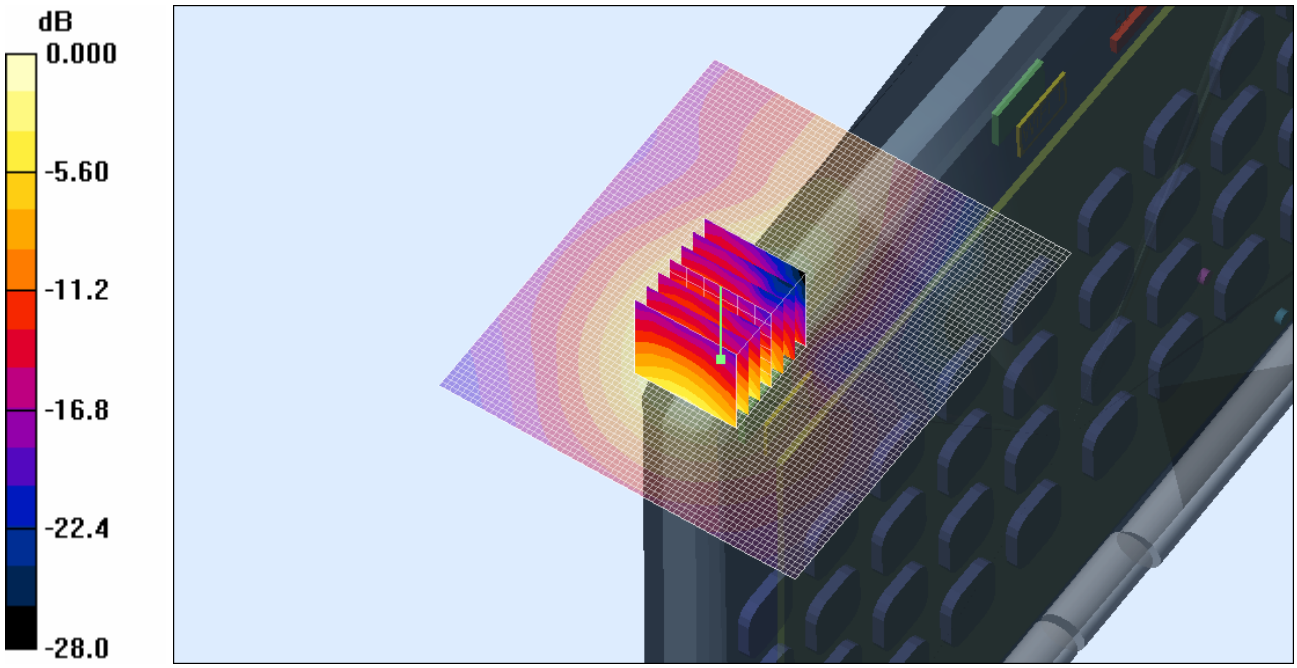


Test Date: 25 January 2011
File Name: M101143 Edge On Secondary Landscape DSSS 2450 MHz Antenna A (1) 25-01-11.da4
DUT: Fujitsu Tablet Stork with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.92 mho/m; ε_r = 51; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.222 mW/g

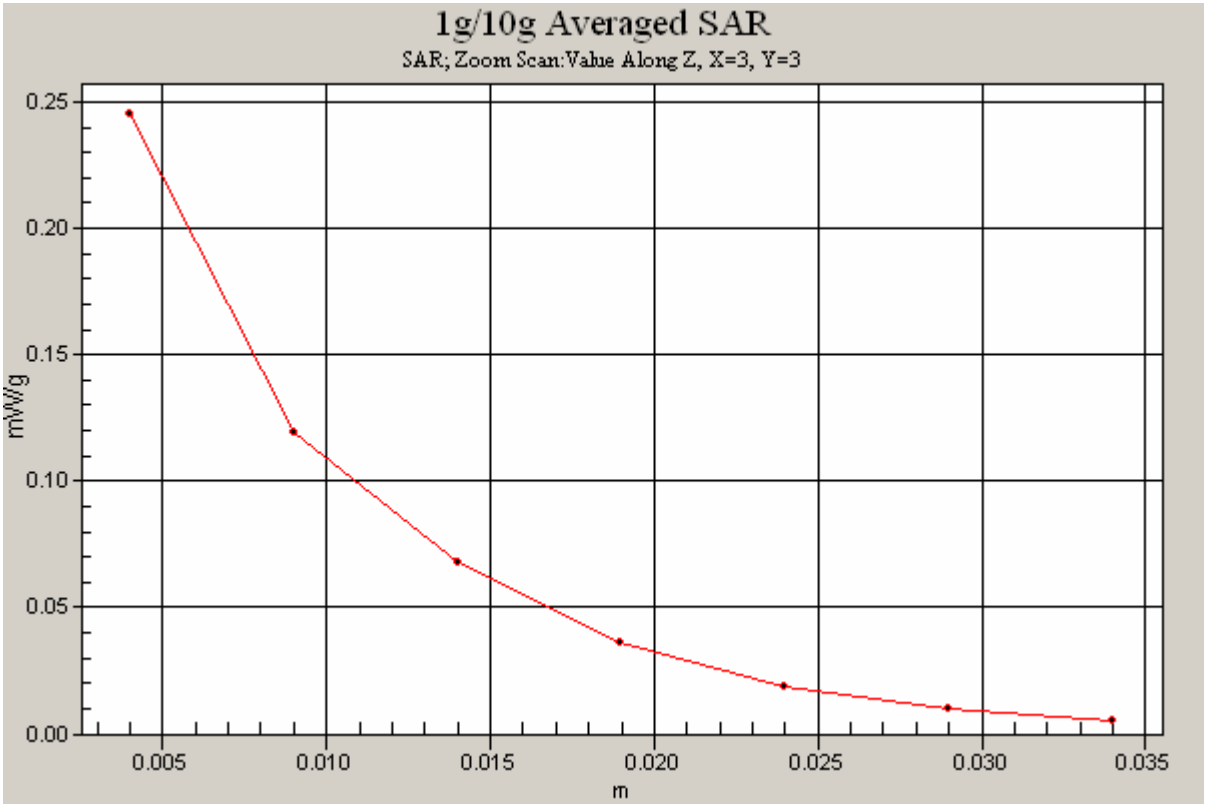
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = -0.409 dB
Peak SAR (extrapolated) = 0.528 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.245 mW/g



0 dB = 0.245mW/g

SAR MEASUREMENT PLOT 3

Ambient Temperature	**21.5 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**56.0 %**



Test Date: 25 January 2011

File Name: M101143 Edge On Secondary Landscape DSSS 2450 MHz Antenna B (2) 25-01-11.da4
DUT: Fujitsu Tablet Stork with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

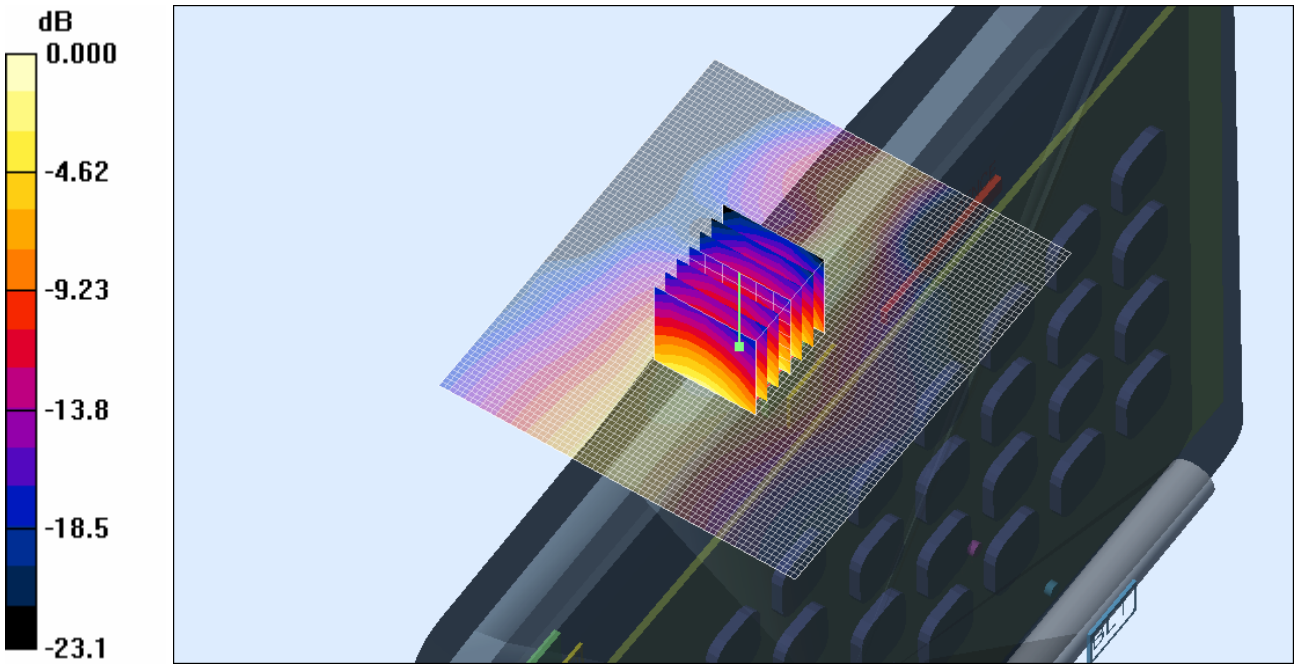
* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.92 mho/m; ε_r = 51; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.233 mW/g

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

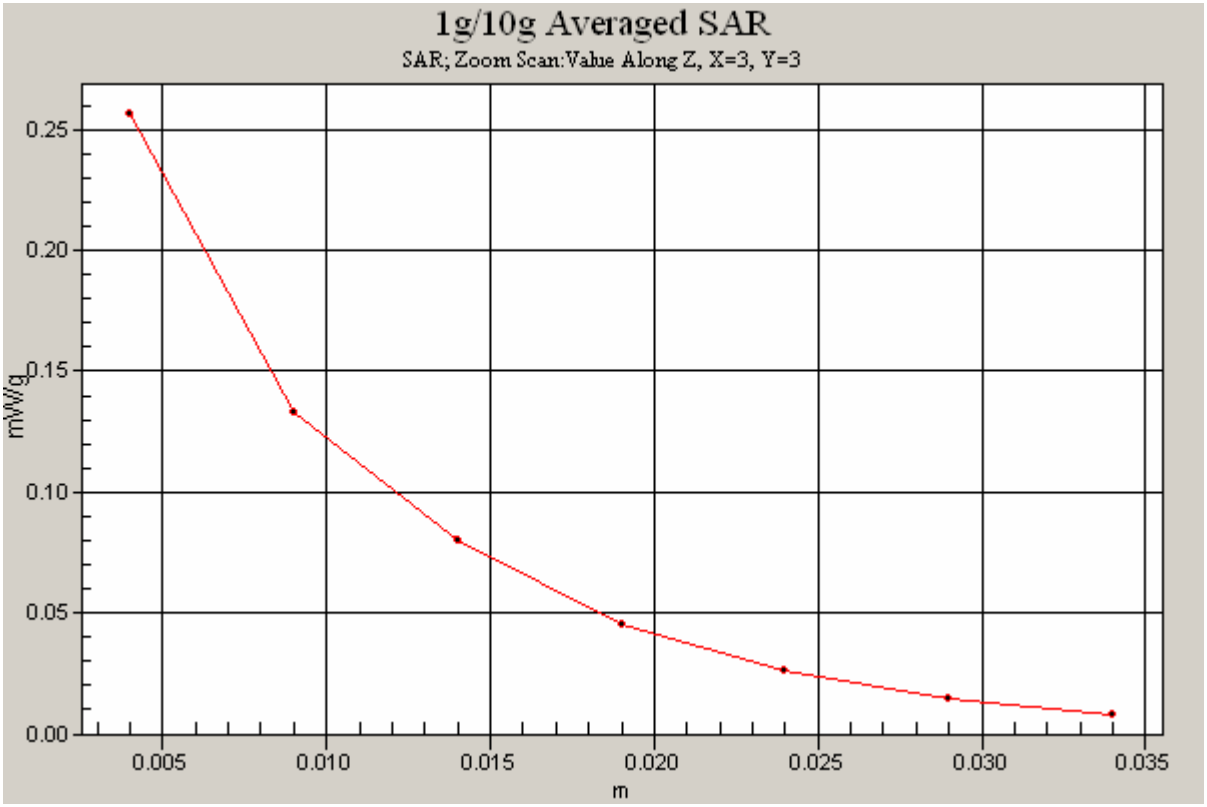
Reference Value = 11.2 V/m; Power Drift = -0.192 dB
Peak SAR (extrapolated) = 0.543 W/kg
SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.257mW/g

SAR MEASUREMENT PLOT 4

Ambient Temperature	**21.5 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**56.0 %**

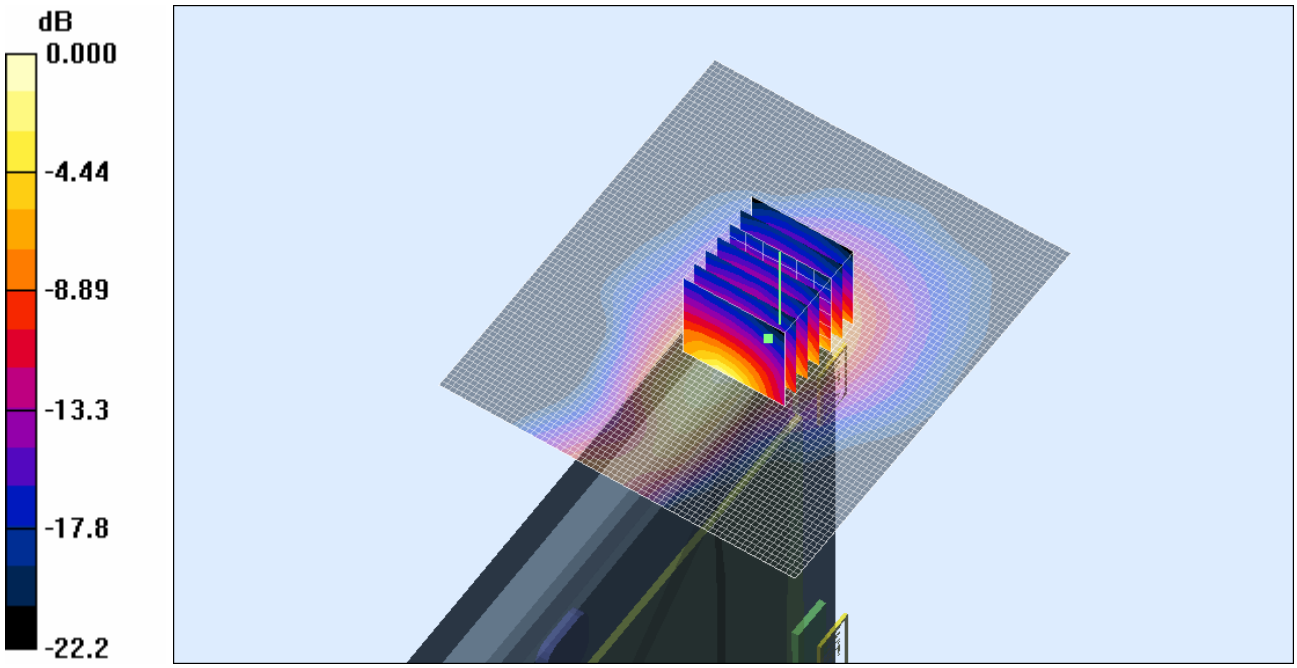


Test Date: 25 January 2011
File Name: M101143 Edge On Primary Portrait DSSS 2450 MHz Antenna A (1) 25-01-11.da4
DUT: Fujitsu Tablet Stork with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

* Communication System: DSSS 2450 MHz; Frequency: 2412 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2410 MHz; σ = 1.87 mho/m; ε_r = 51.2; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 1 Test/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.477 mW/g

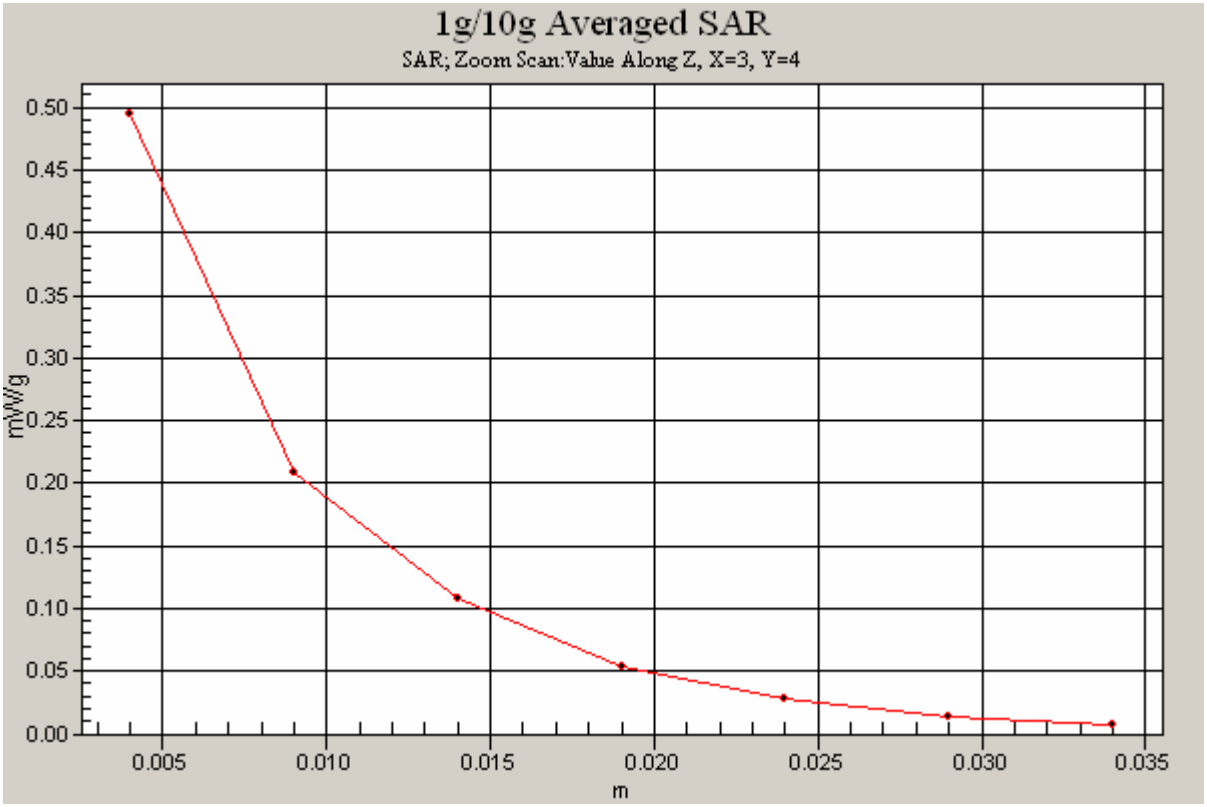
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.73 V/m; Power Drift = -0.277 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.193 mW/g
Maximum value of SAR (measured) = 0.495 mW/g



0 dB = 0.495mW/g

SAR MEASUREMENT PLOT 5

Ambient Temperature	**21.5 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**56.0 %**

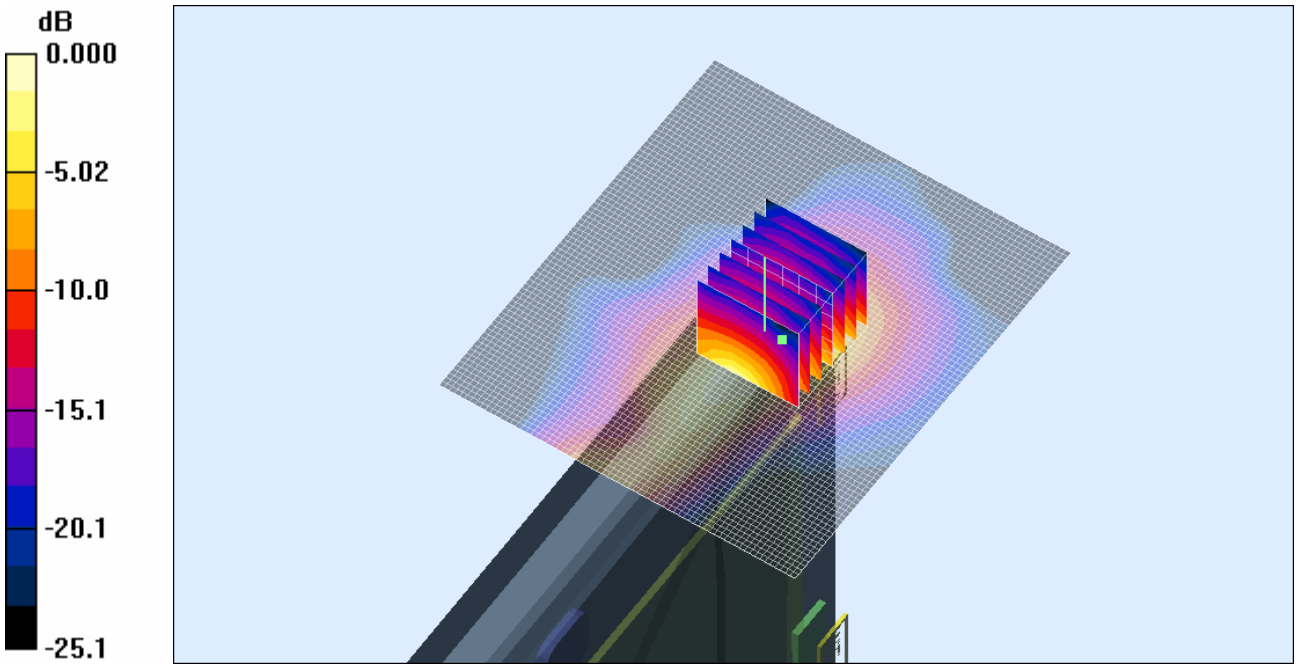


Test Date: 25 January 2011
File Name: M101143 Edge On Primary Portrait DSSS 2450 MHz Antenna A (1) 25-01-11.da4
DUT: Fujitsu Tablet Stork with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.92 mho/m; ε_r = 51; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.520 mW/g

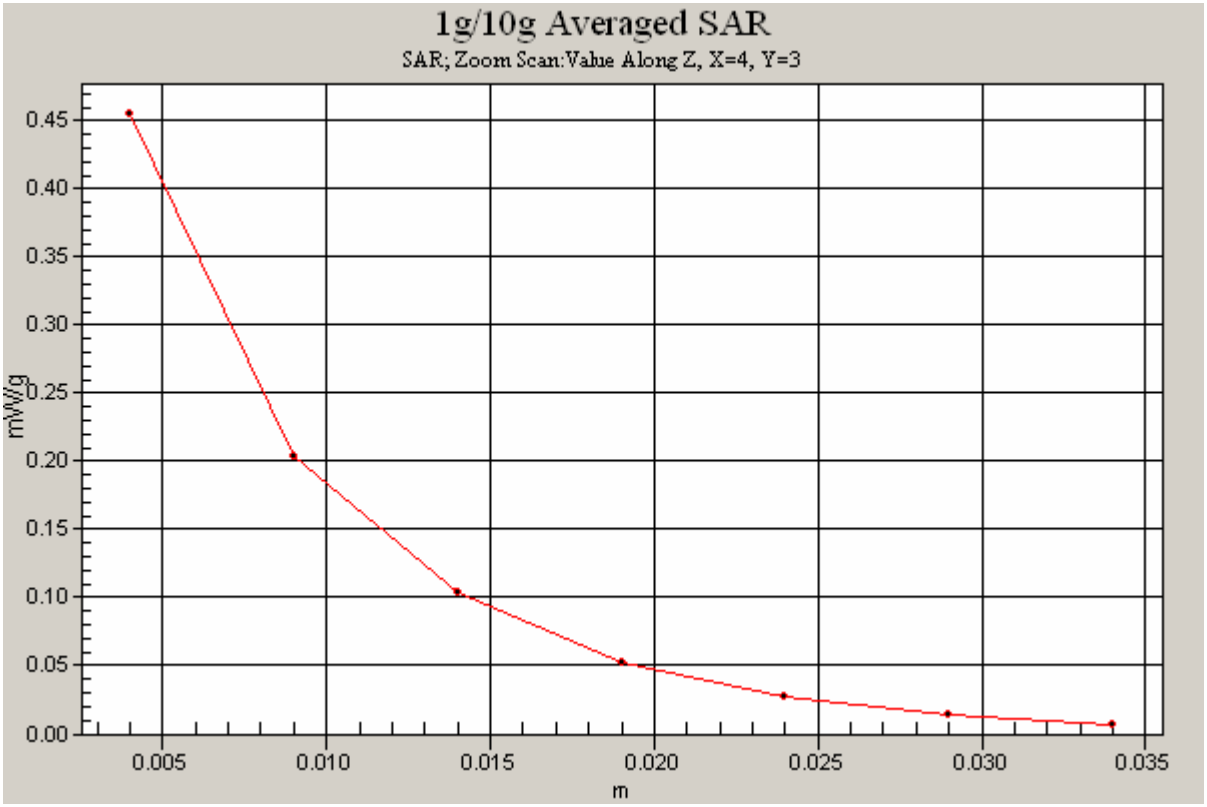
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.28 V/m; Power Drift = -0.096 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.455 mW/g



0 dB = 0.455mW/g

SAR MEASUREMENT PLOT 6

Ambient Temperature	**21.5 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**56.0 %**



Test Date: 25 January 2011

File Name: M101143 Edge On Primary Portrait DSSS 2450 MHz Antenna A (1) 25-01-11.da4

DUT: Fujitsu Tablet Stork with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

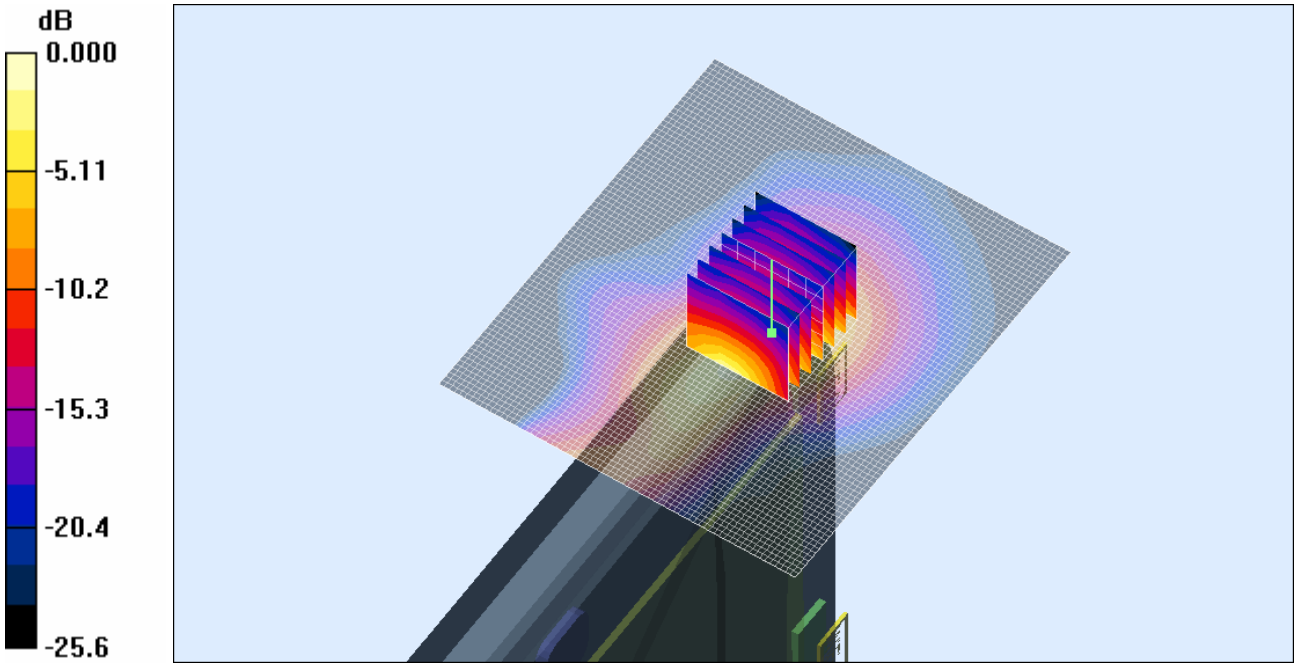
* Communication System: DSSS 2450 MHz; Frequency: 2462 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2462 MHz; σ = 1.95 mho/m; ε_r = 51; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 11 Test/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.404 mW/g

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

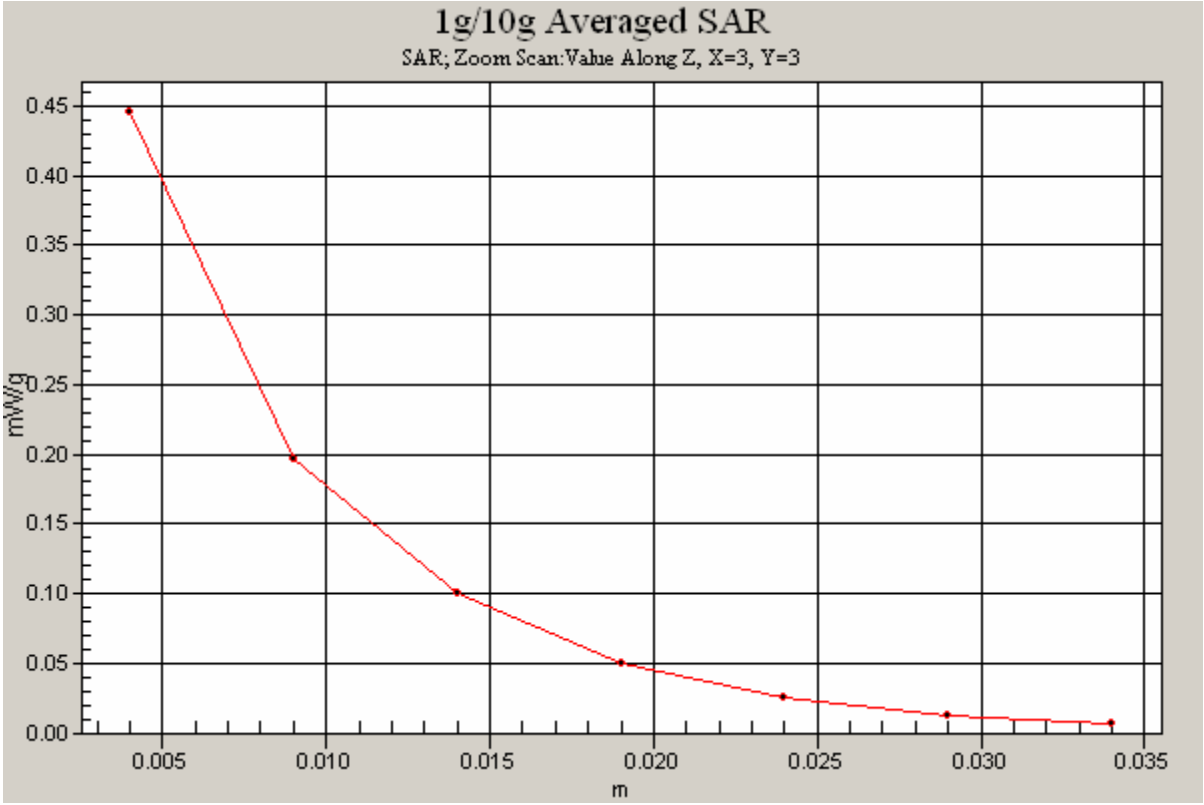
Reference Value = 4.46 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.163 mW/g
Maximum value of SAR (measured) = 0.446 mW/g



0 dB = 0.446mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature	**21.5 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**56.0 %**

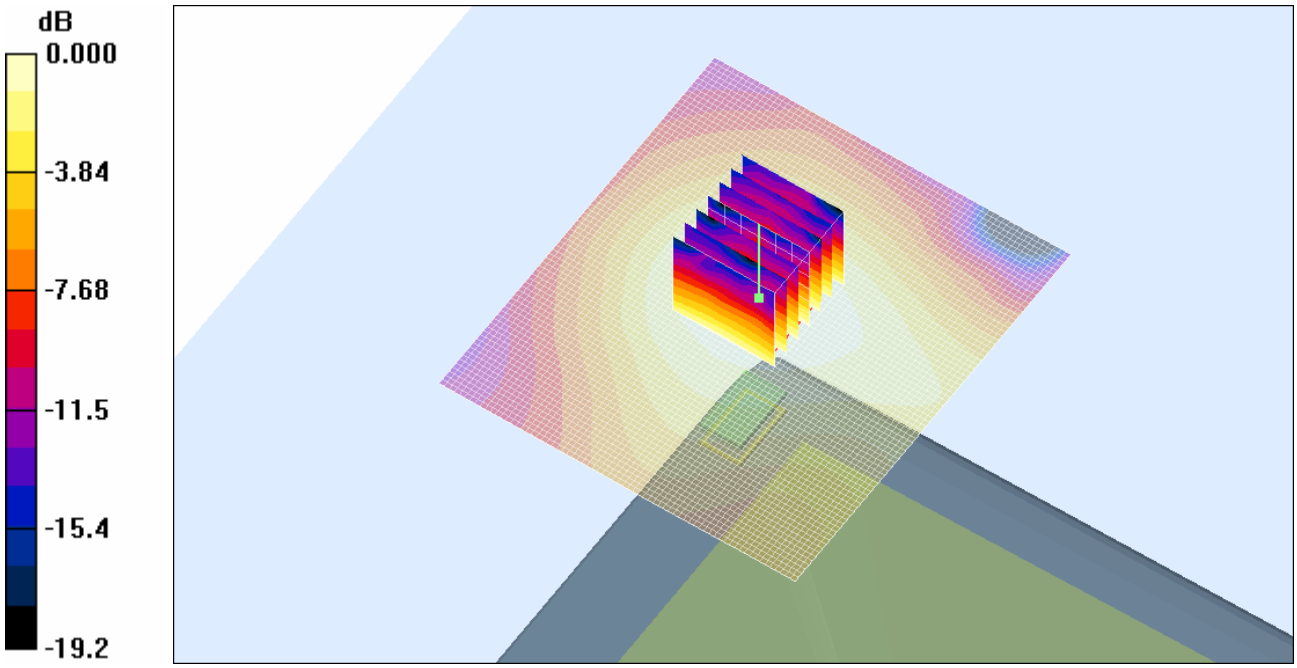


Test Date: 25 January 2011
File Name: M101143 Bystander DSSS 2450 MHz Antenna A (1) 25-01-11.da4
DUT: Fujitsu Tablet Stork with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.92 mho/m; ε_r = 51; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.036 mW/g

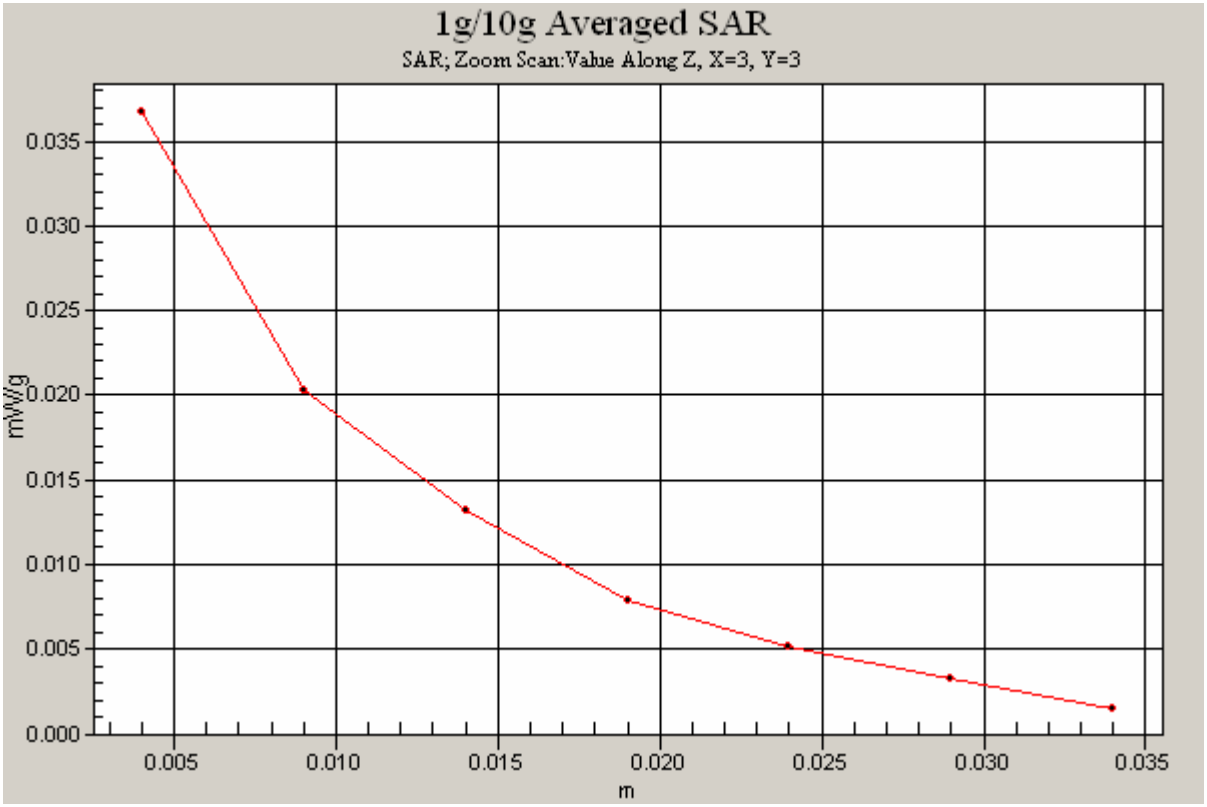
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.39 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 0.076 W/kg
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.037 mW/g



0 dB = 0.037mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature	**21.5 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**56.0 %**

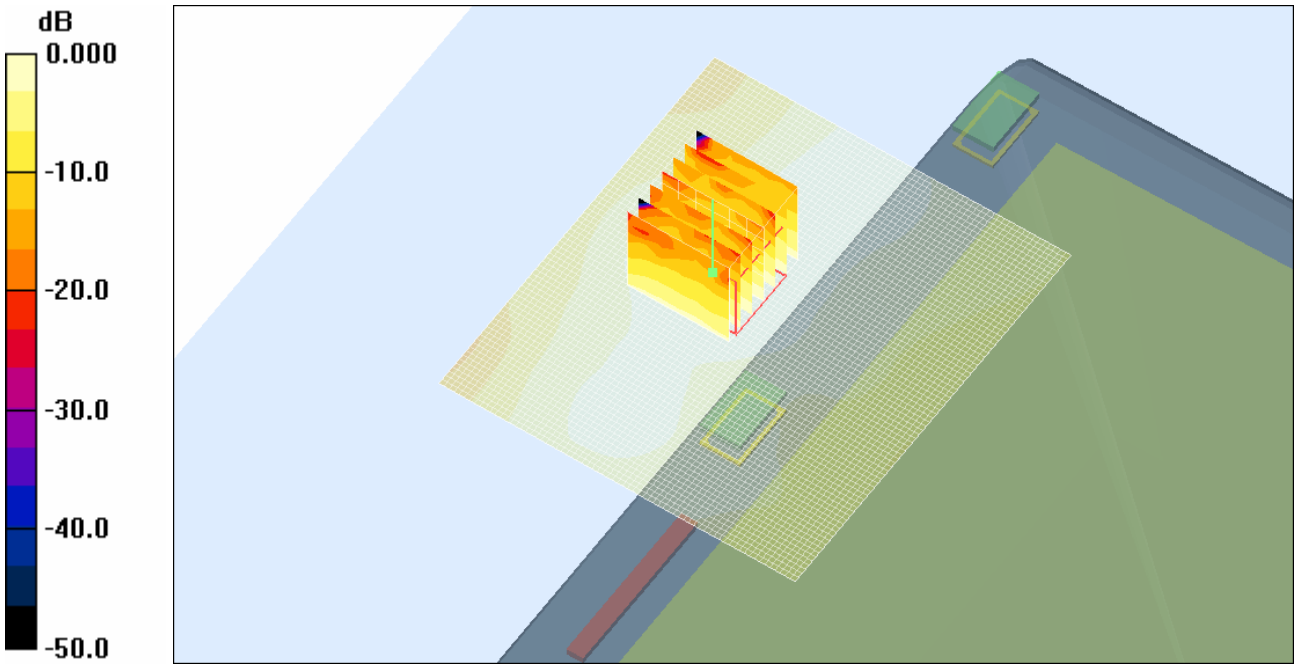


Test Date: 25 January 2011
File Name: M101143 Bystander DSSS 2450 MHz Antenna B (2) 25-01-11.da4
DUT: Fujitsu Tablet Stork with HB116 11abgn and Bluetooth; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2438 MHz; σ = 1.92 mho/m; ε_r = 51; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.023 mW/g

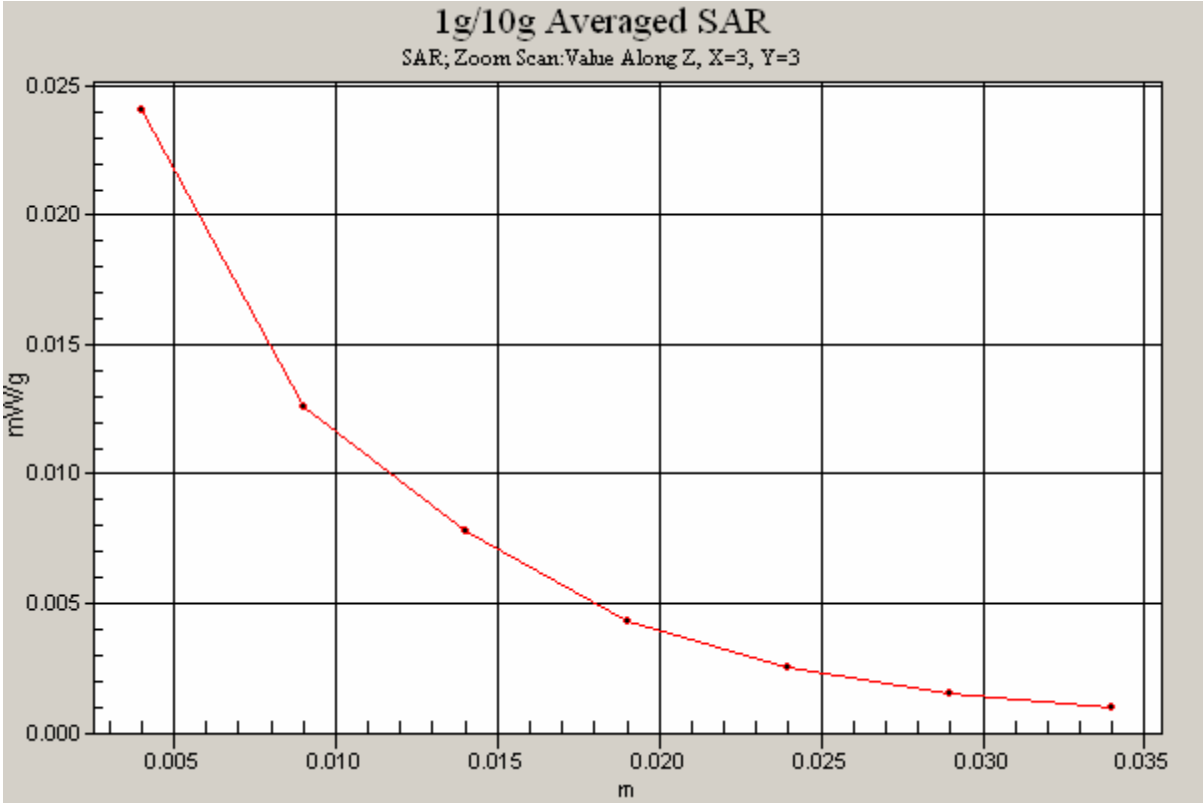
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.40 V/m; Power Drift = 0.166 dB
Peak SAR (extrapolated) = 0.050 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.024 mW/g



0 dB = 0.024mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature	**21.5 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**56.0 %**

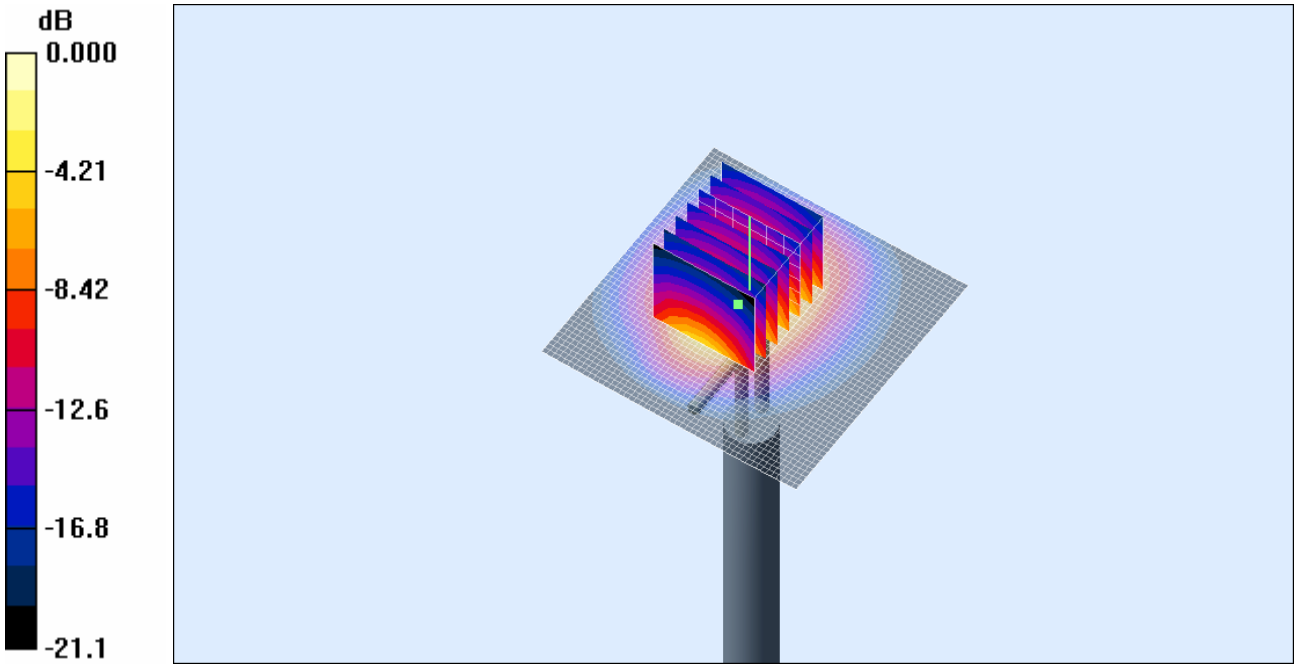


Test Date: 25 January 2011
File Name: System Check 2450 MHz (DAE442 Probe1380) 25-01-11.da4
DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

* Communication System: CW 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 2450 MHz; σ = 1.93 mho/m; ε_r = 51; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.09, 4.09, 4.09)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 16.2 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.8 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 29.8 W/kg
SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.4 mW/g
Maximum value of SAR (measured) = 14.7 mW/g



0 dB = 14.7mW/g

SAR MEASUREMENT PLOT 10

Ambient Temperature	**21.5 Degrees Celsius**
Liquid Temperature	**21.2 Degrees Celsius**
Humidity	**56.0 %**