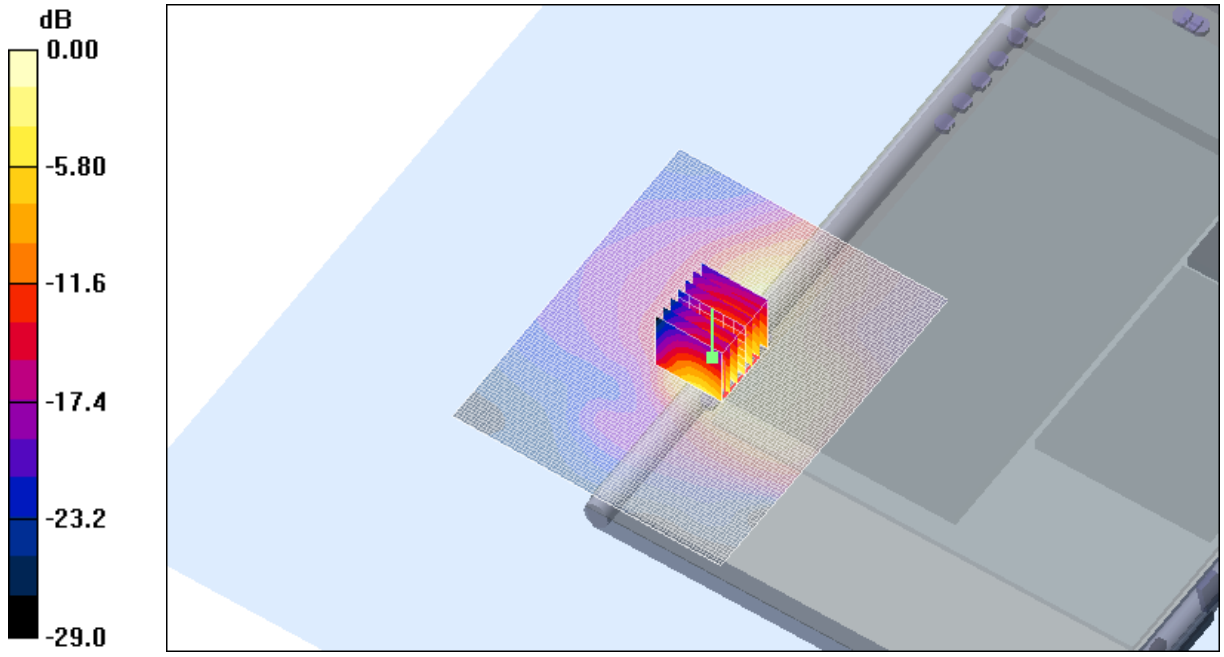
Test Date: 09 August 2006
File Name: Tablet OFDM 2.45 GHz Antenna A Bluetooth Off 09-08-06.da4
DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 1.98489 mho/m, ε_r = 50.7729; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 06 Test/Area Scan (101x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.22 mW/g

Channel 06 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.4 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 2.66 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.480 mW/g
Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20mW/g

SAR MEASUREMENT PLOT 20

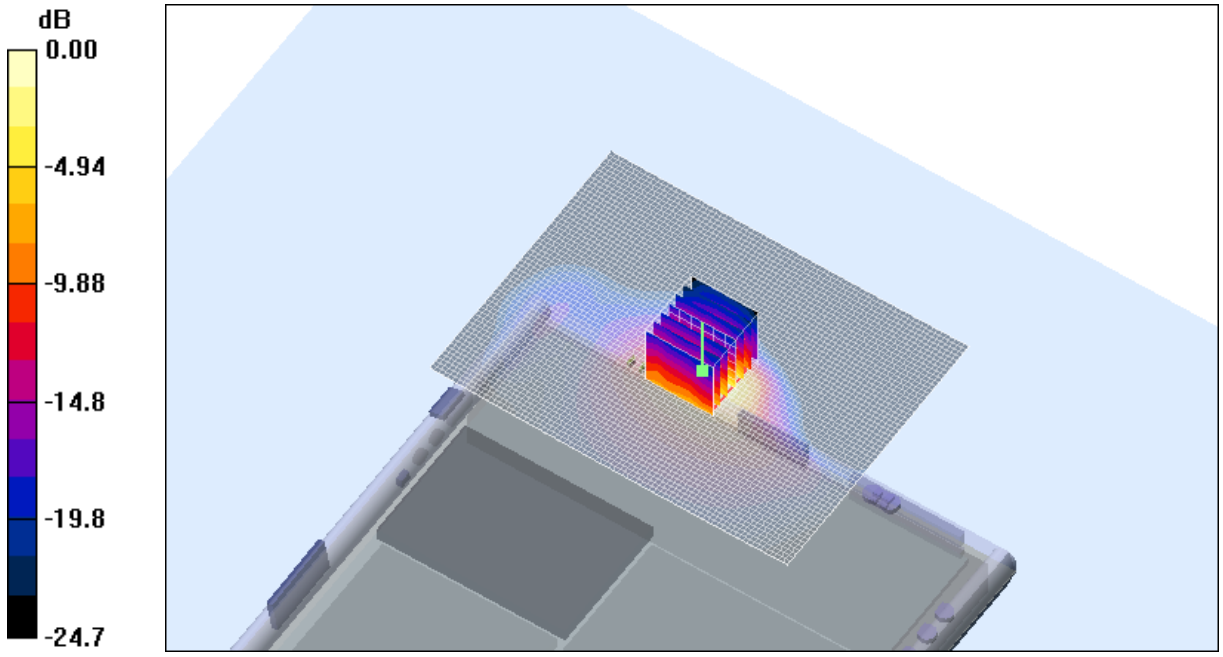
Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**36.0 %**

Test Date: 09 August 2006
File Name: Arm Held OFDM 2.45 GHz Antenna B Bluetooth Off 09-08-06.da4
DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 1.98489 mho/m, ε_r = 50.7729; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 06 Test/Area Scan (81x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.615 mW/g

Channel 06 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.8 V/m; Power Drift = 0.081 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.224 mW/g
Maximum value of SAR (measured) = 0.694 mW/g

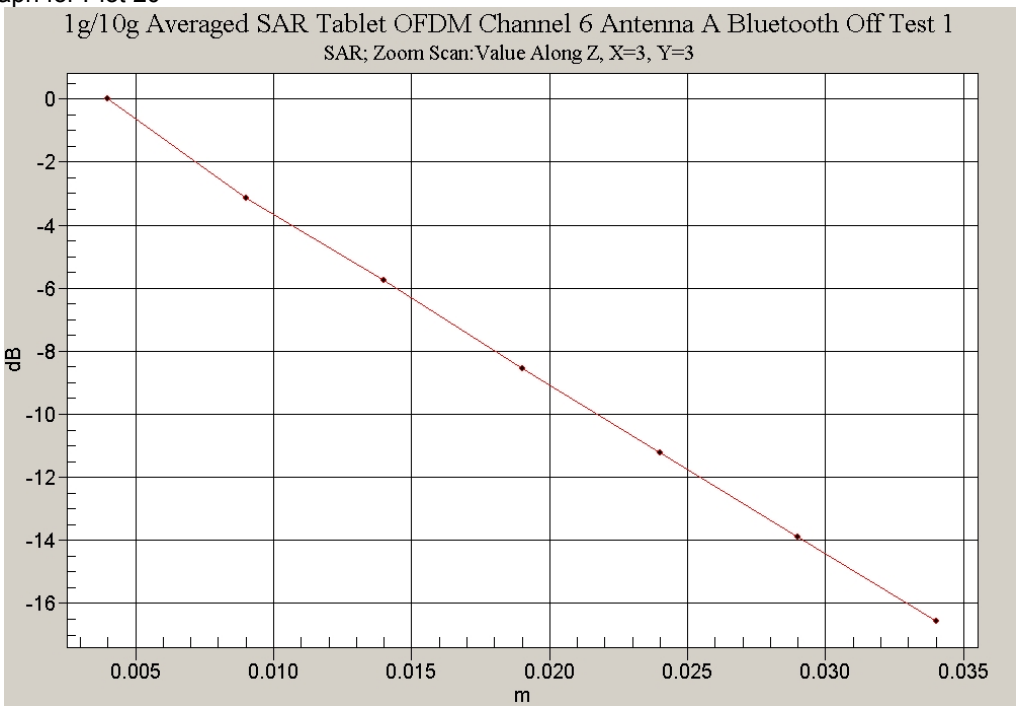


0 dB = 0.694mW/g

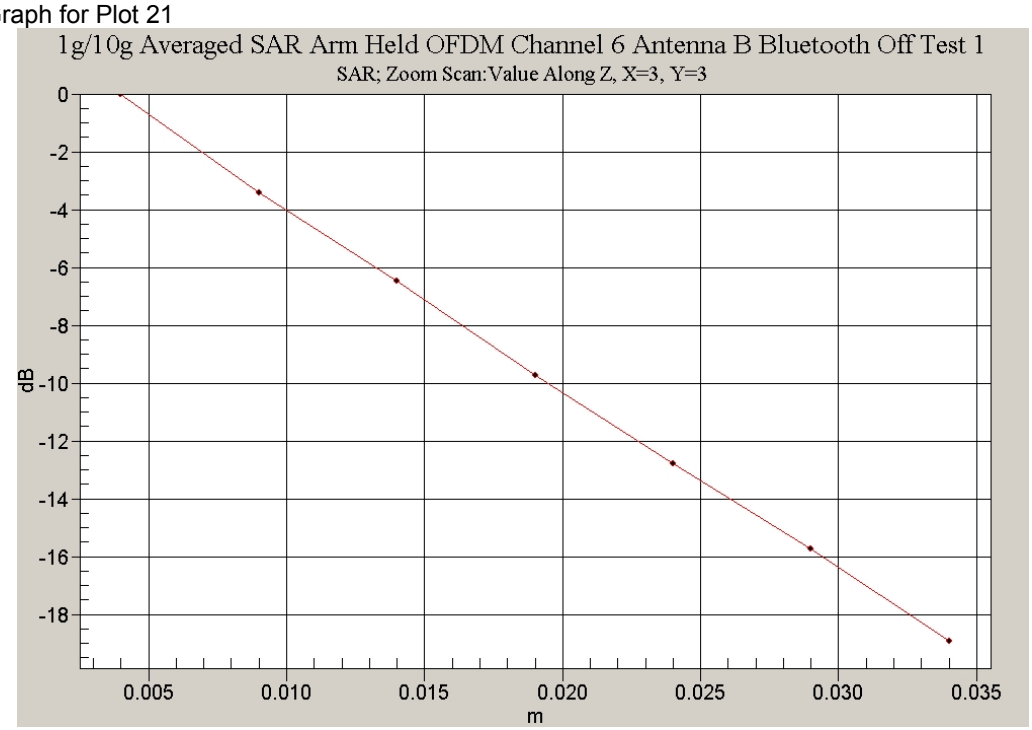
SAR MEASUREMENT PLOT 21

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**36.0 %**

Z-Axis Graph for Plot 20



Z-Axis Graph for Plot 21

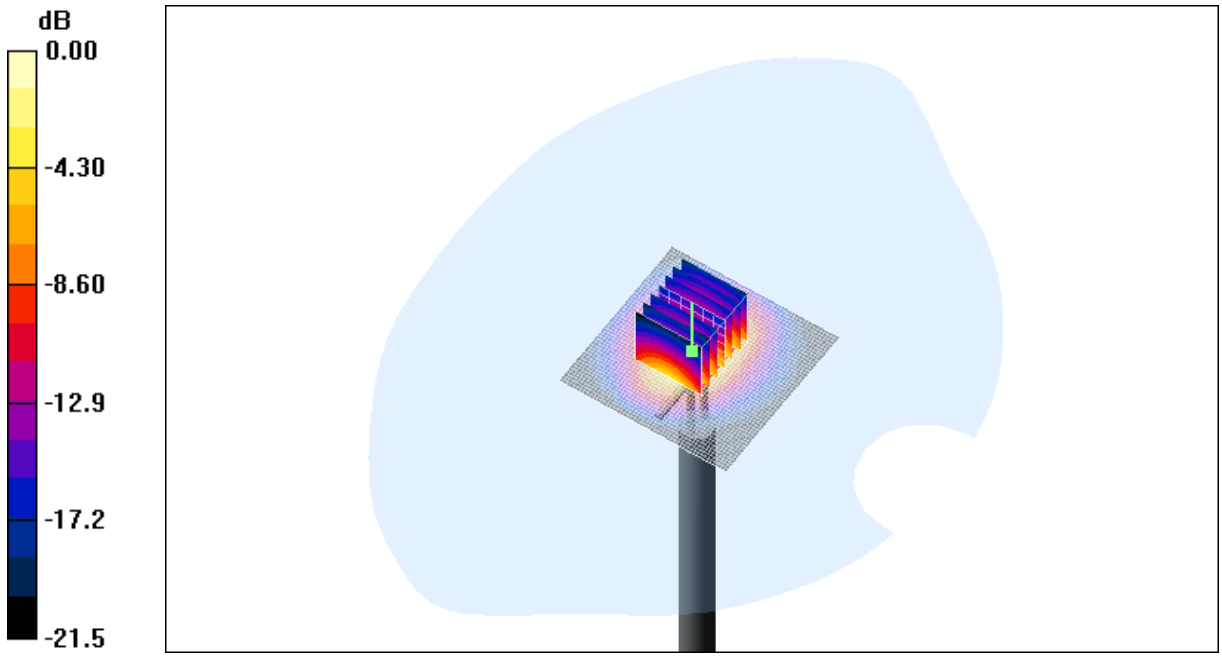


Test Date: 09 August 2006
File Name: Validation 2450 MHz (DAE442 Probe1377) 09-08-06.da4
DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

* Communication System: CW 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 1.8436 mho/m, ε_r = 40.0746; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.49, 4.49, 4.49)
- 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 = 95.4 V/m; Power Drift = 0.031 dB
Peak SAR (extrapolated) = 29.3 W/kg
SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.5 mW/g
Maximum value of SAR (measured) = 15.2 mW/g



0 dB = 15.2mW/g

SAR MEASUREMENT PLOT 22

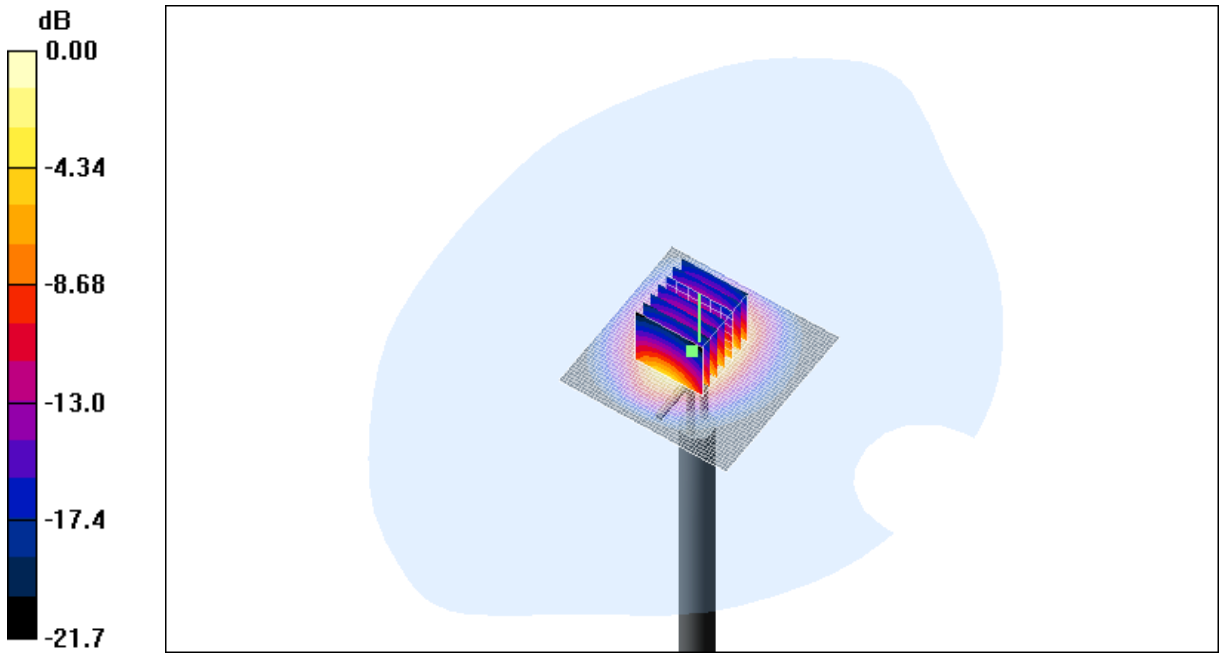
Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**36.0 %**

Test Date: 10 August 2006
File Name: Validation 2450 MHz (DAE442 Probe1377) 10-08-06.da4
DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

* Communication System: CW 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 1.78896 mho/m, ε_r = 40.3865; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.49, 4.49, 4.49)
- 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) = 17.0 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 95.1 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 29.5 W/kg
SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.48 mW/g
Maximum value of SAR (measured) = 15.2 mW/g

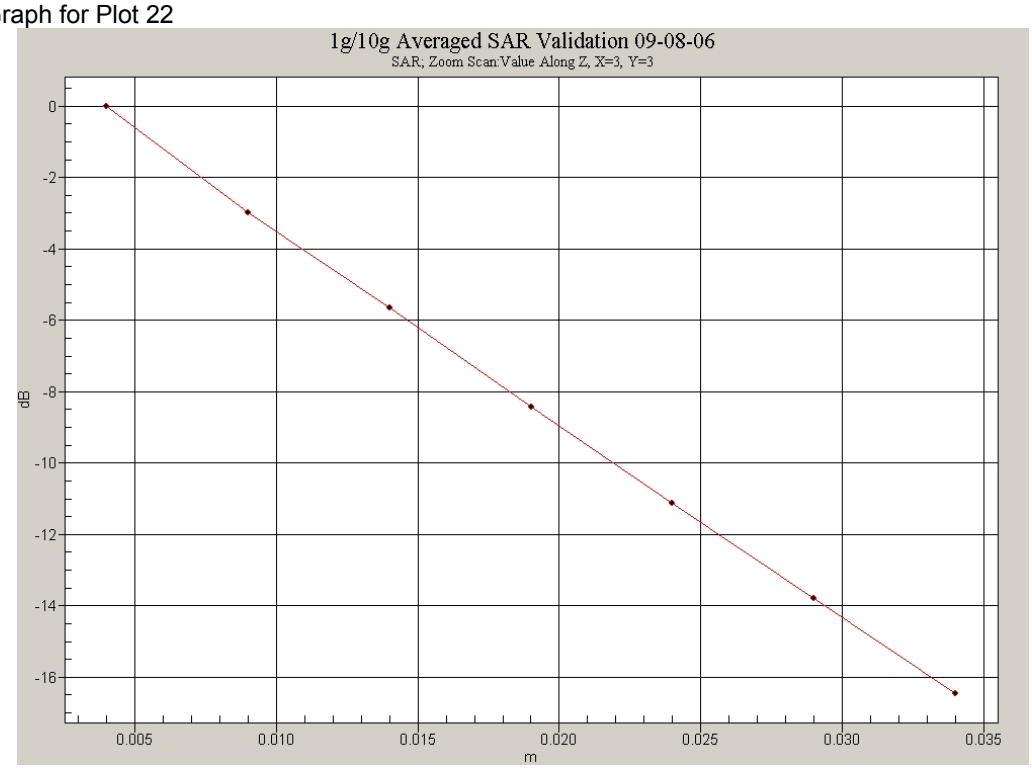


0 dB = 15.2mW/g

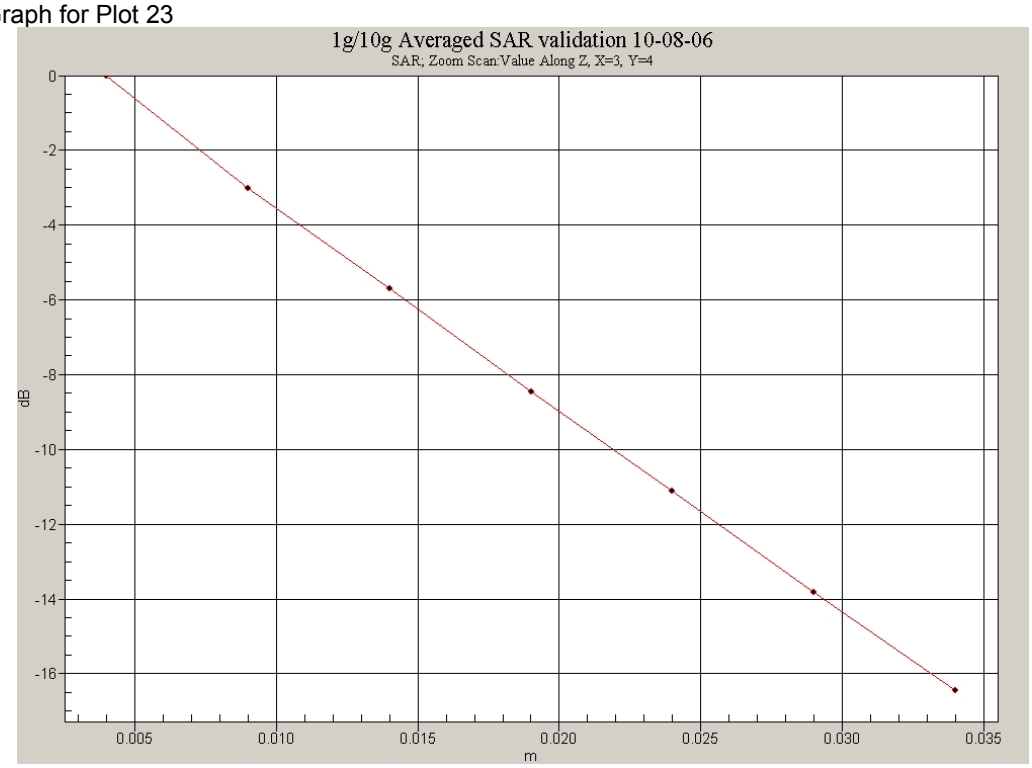
SAR MEASUREMENT PLOT 23

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**37.0 %**

Z-Axis Graph for Plot 22



Z-Axis Graph for Plot 23



APPENDIX C PLOTS OF THE 5800MHZ SAR MEASUREMENTS

Table 33: 5800 MHz Band SAR Measurement Plot Numbers

Plot 24	Lap Arm Held Position – Ant B	CH#149
Plot 25	Lap Arm Held Position – Ant B	CH#157
Plot 26	Lap Arm Held Position – Ant B	CH#165
Z-axis graphs	Z-Axis graphs for Plots 24 to 26	
Plot 27	Tablet – Ant A	CH#149
Plot 28	Tablet – Ant A	CH#157
Plot 29	Tablet – Ant A	CH#165
Z-axis graphs	Z-Axis graphs for Plots 27 to 29	
Plot 30	Edge On – Ant A	CH#149
Plot 31	Edge On – Ant A	CH#157
Plot 32	Edge On – Ant A	CH#165
Z-axis graphs	Z-Axis graphs for Plots 30 to 32	
Plot 33	Edge On – Ant B	CH#149
Plot 34	Edge On – Ant B	CH#157
Plot 35	Edge On – Ant B	CH#165
	WLAN with Bluetooth On	
Plot 36	Lap Arm Held Position With Blue tooth Ant B	CH#149
Plot 37	Tablet Position With Blue tooth Ant A	CH#165
Z-axis graphs	Z-Axis graphs for Plots 36 to 37	
Plot 38	Edge On Position With Blue tooth Ant A	CH#165
Plot 39	Edge On Position With Blue tooth Ant B	CH#149
Z-axis graphs	Z-Axis graphs for Plots 38 to 39	

Table 34: 5GHz Validation Plot

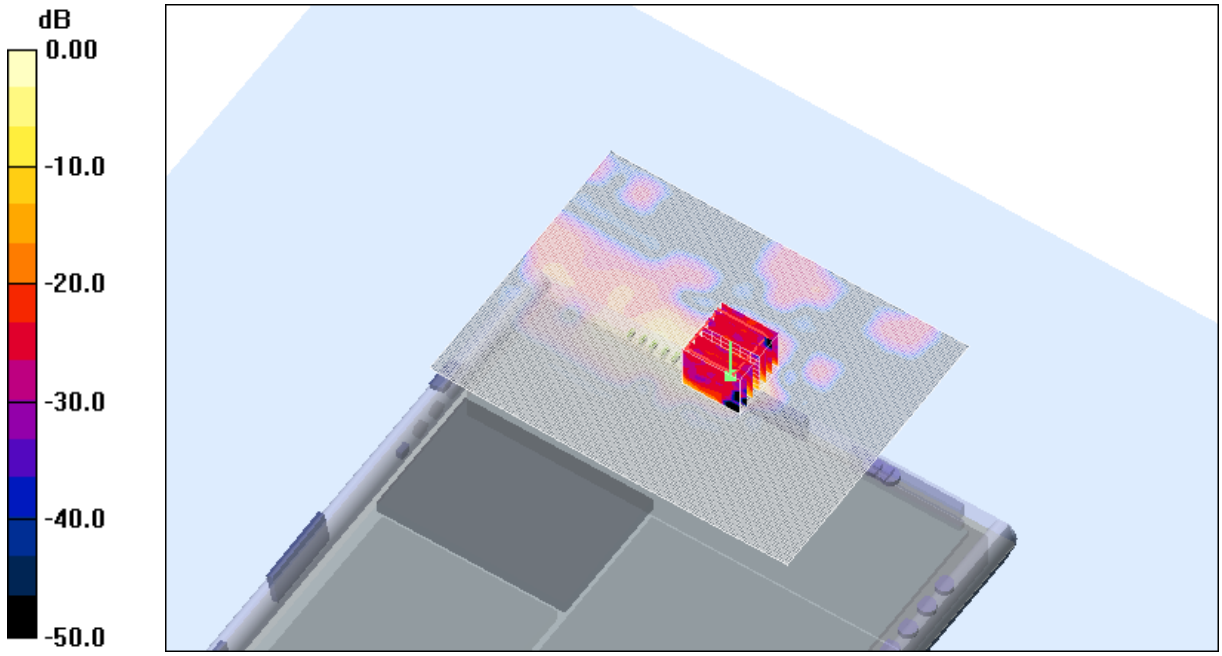
Plot 40	Validation 5800 MHz 11th August 2006
Plot 41	Validation 5800 MHz 14th August 2006
Plot 42	Validation 5800 MHz 15th August 2006
Z-Axis Graphs	Z-Axis graphs for Plots 40 to 42

Test Date: 15 August 2006
File Name: Arm Held OFDM 5.6 GHz Antenna B Bluetooth Off 15-08-06.da4
DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz; Frequency: 5745 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 6.25028 mho/m, ε_r = 46.1545; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 149 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.43 mW/g

Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 23.7 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 8.39 W/kg
SAR(1 g) = 1.53 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 3.54 mW/g



0 dB = 3.54mW/g

SAR MEASUREMENT PLOT 24

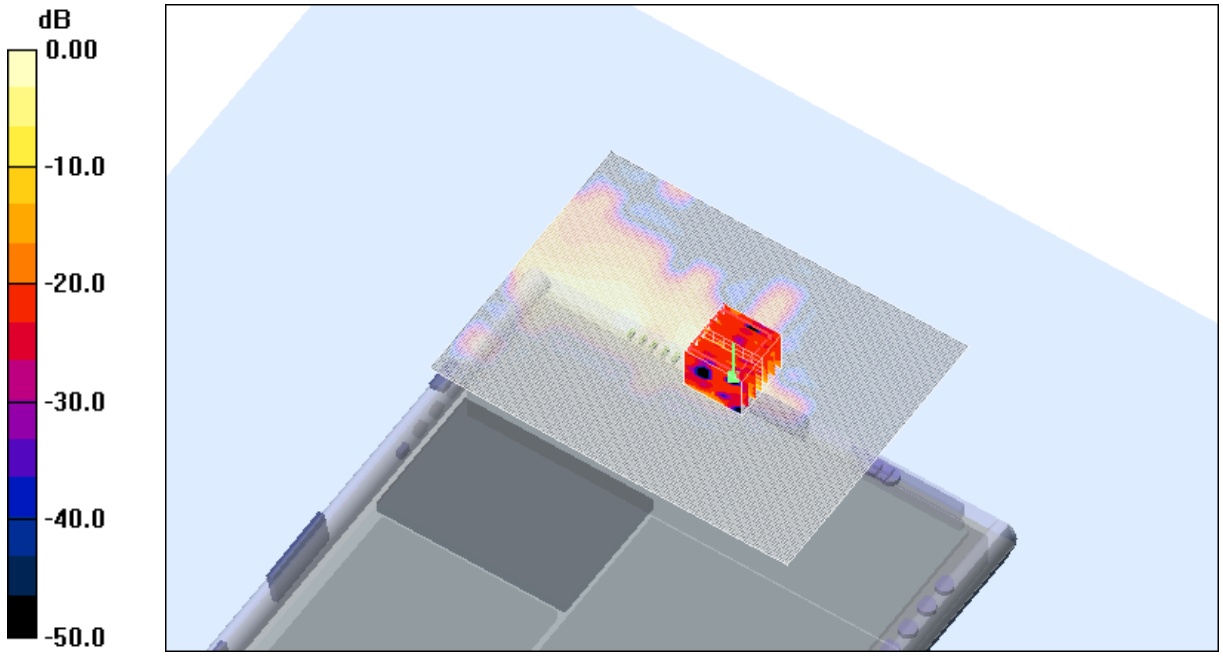
Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**

Test Date: 15 August 2006
File Name: Arm Held OFDM 5.6 GHz Antenna B Bluetooth Off 15-08-06.da4
DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 6.32477 mho/m, ε_r = 46.0159; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.62 mW/g

Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 16.1 V/m; Power Drift = 0.376 dB
Peak SAR (extrapolated) = 3.62 W/kg
SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 1.57 mW/g



0 dB = 1.57mW/g

SAR MEASUREMENT PLOT 25

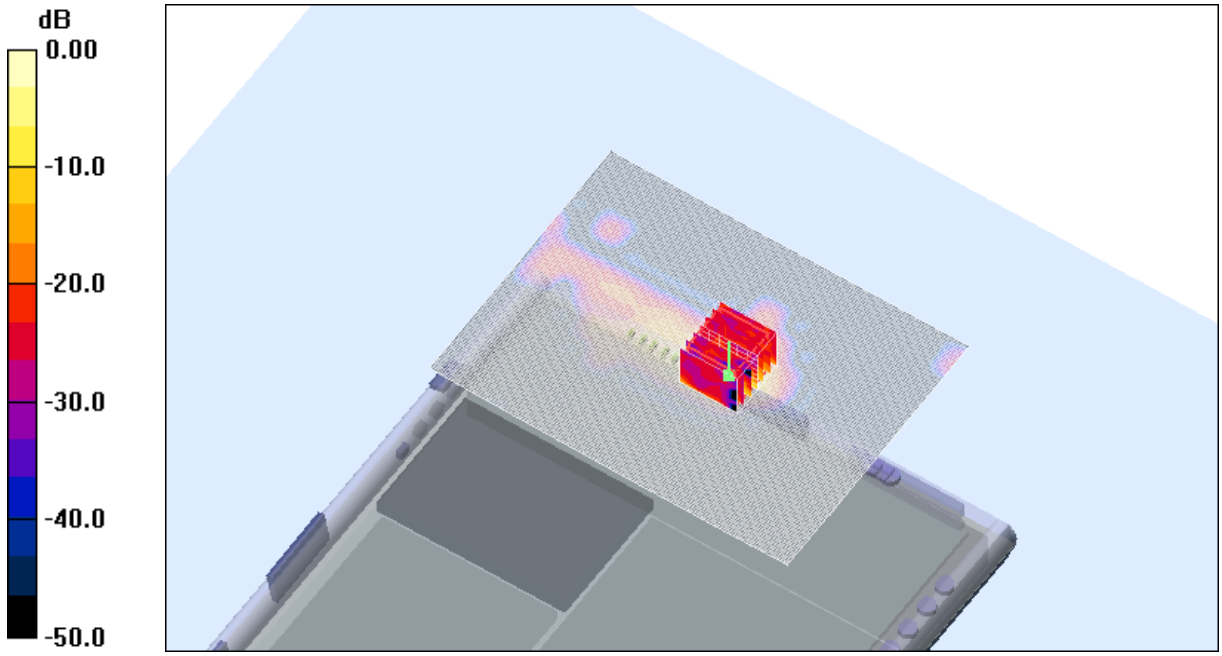
Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**

Test Date: 15 August 2006
File Name: Arm Held OFDM 5.6 GHz Antenna B Bluetooth Off 15-08-06.da4
DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz; Frequency: 5825 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 6.38915 mho/m, ε_r = 45.8694; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 165 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.70 mW/g

Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 17.7 V/m; Power Drift = 0.201 dB
Peak SAR (extrapolated) = 7.08 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 3.04 mW/g

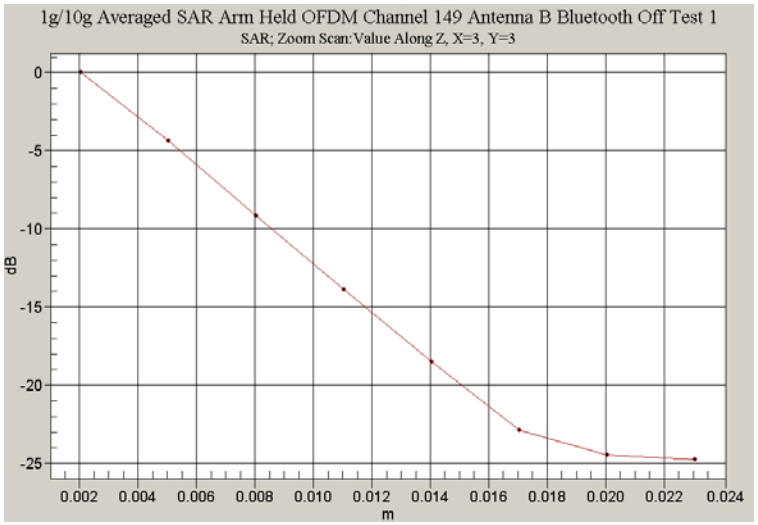


0 dB = 3.04mW/g

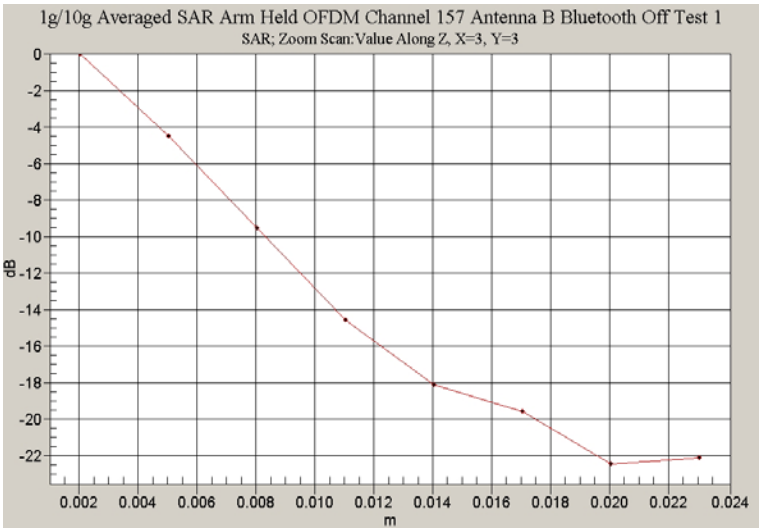
SAR MEASUREMENT PLOT 26

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**

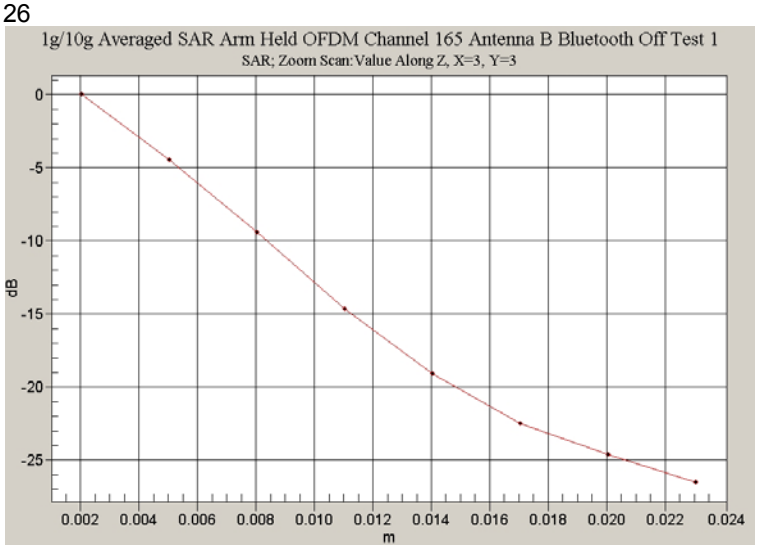
Z-Axis Graph for Plot 24



Z-Axis Graph for Plot 25



Z-Axis Graph for Plot 26

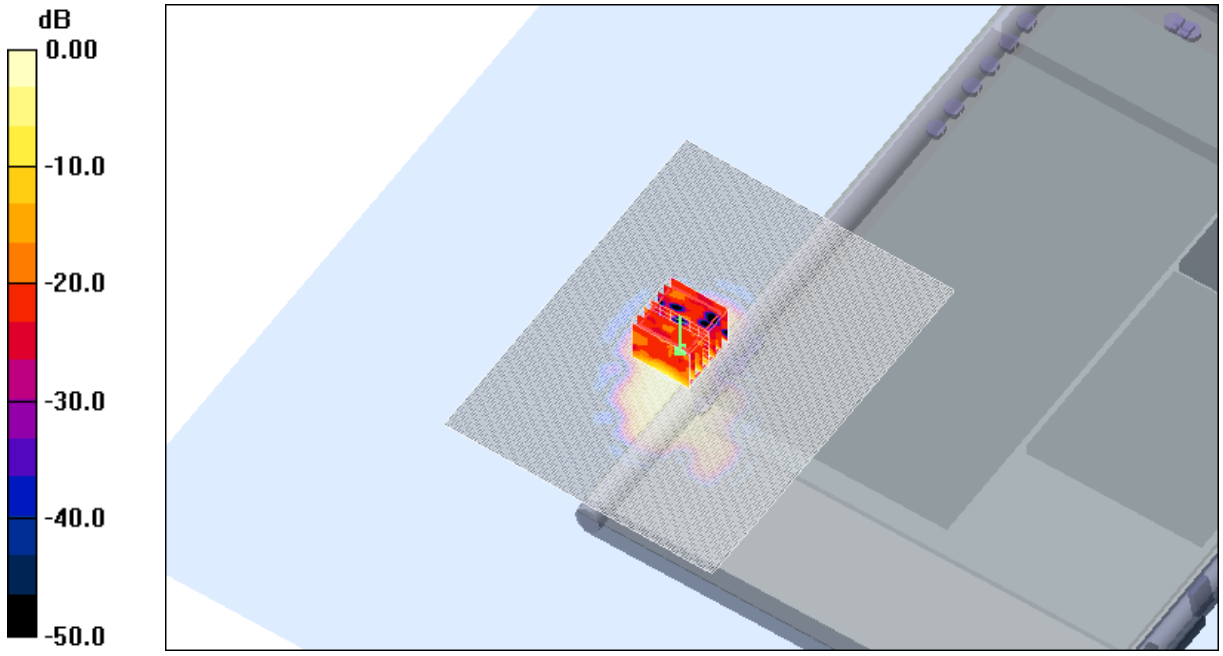


Test Date: 14 August 2006
File Name: Tablet OFDM 5.6 GHz Antenna A Bluetooth Off 14-08-06.da4
DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz; Frequency: 5745 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 6.13093 mho/m, ε_r = 46.3183; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 149 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.24 mW/g

Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 15.7 V/m; Power Drift = -0.312 dB
Peak SAR (extrapolated) = 2.57 W/kg
SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.143 mW/g
Maximum value of SAR (measured) = 1.31 mW/g



0 dB = 1.31mW/g

SAR MEASUREMENT PLOT 27

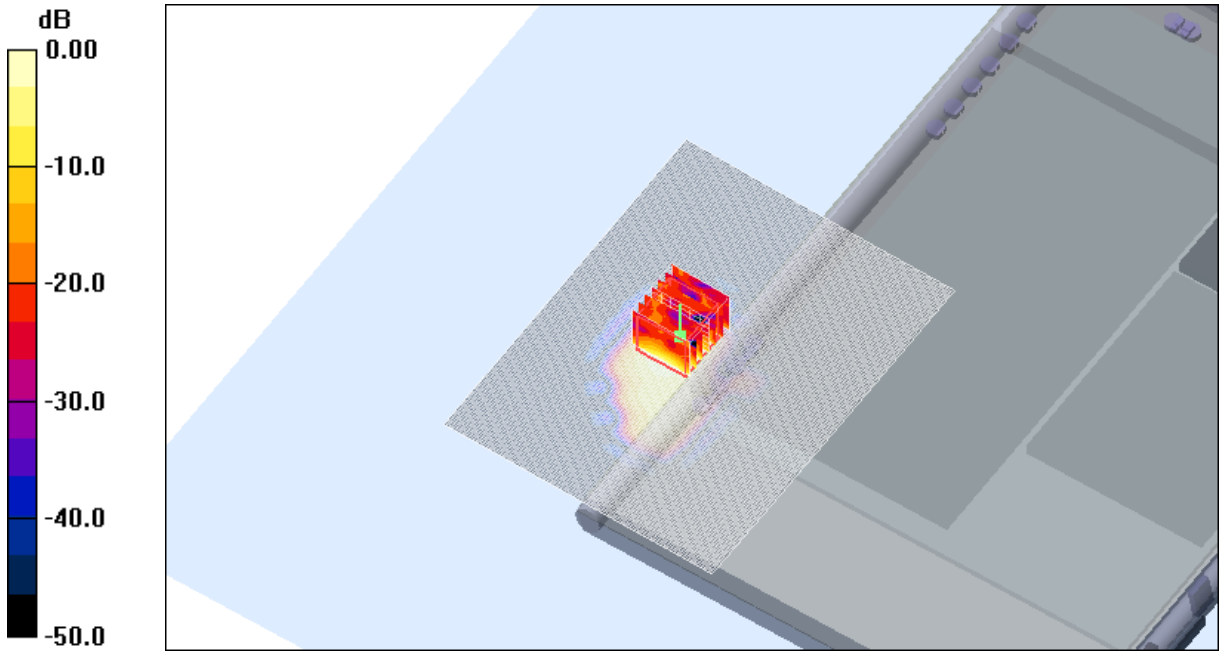
Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**20.0 Degrees Celsius**
Humidity	**35.0 %**

Test Date: 15 August 2006
File Name: Tablet OFDM 5.6 GHz Antenna A Bluetooth Off 15-08-06.da4
DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 6.32477 mho/m, ε_r = 46.0159; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.37 mW/g

Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 16.0 V/m; Power Drift = 0.154 dB
Peak SAR (extrapolated) = 2.94 W/kg
SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.35mW/g

SAR MEASUREMENT PLOT 28

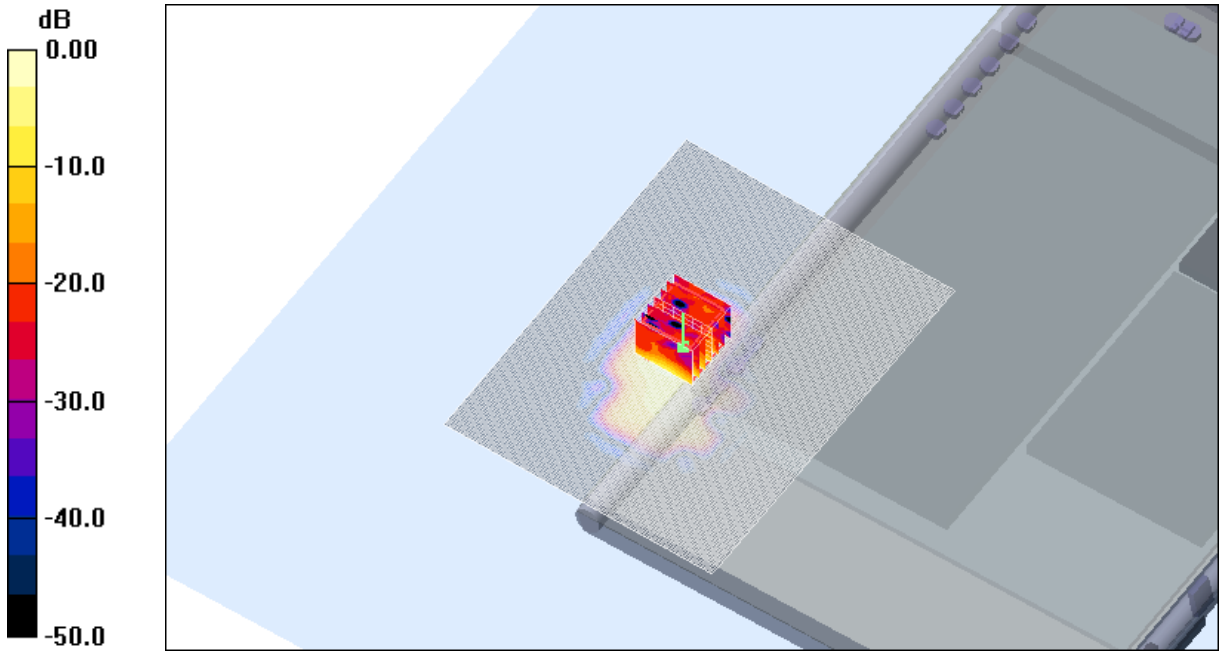
Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**

Test Date: 15 August 2006
File Name: Tablet OFDM 5.6 GHz Antenna A Bluetooth Off 15-08-06.da4
DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz; Frequency: 5825 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 6.38915 mho/m, ε_r = 45.8694; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 165 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.56 mW/g

Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 18.1 V/m; Power Drift = -0.259 dB
Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 1.76 mW/g

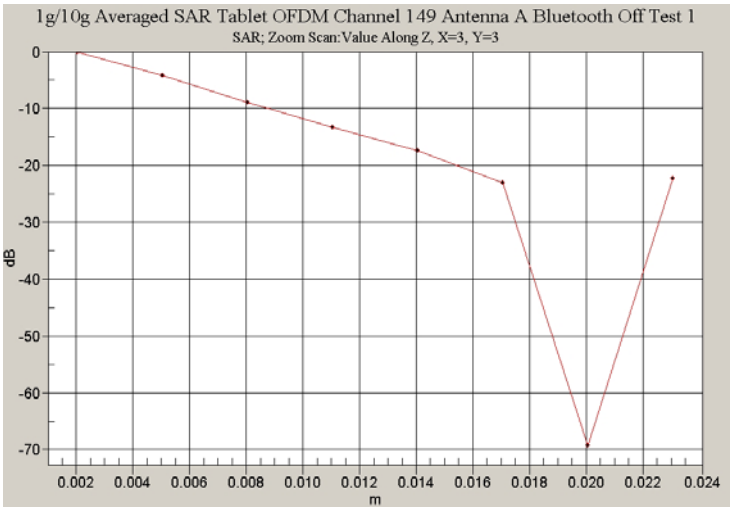


0 dB = 1.76mW/g

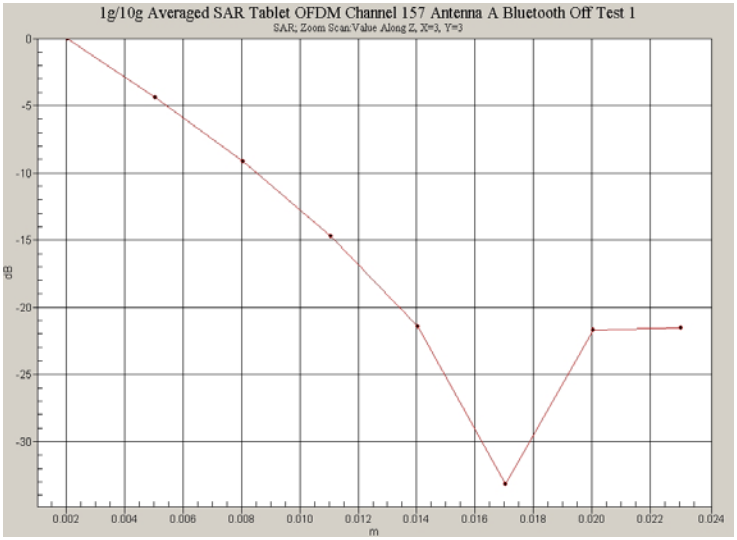
SAR MEASUREMENT PLOT 29

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**41.0 %**

Z-Axis Graph for Plot 27



Z-Axis Graph for Plot 28



Z-Axis Graph for Plot 29