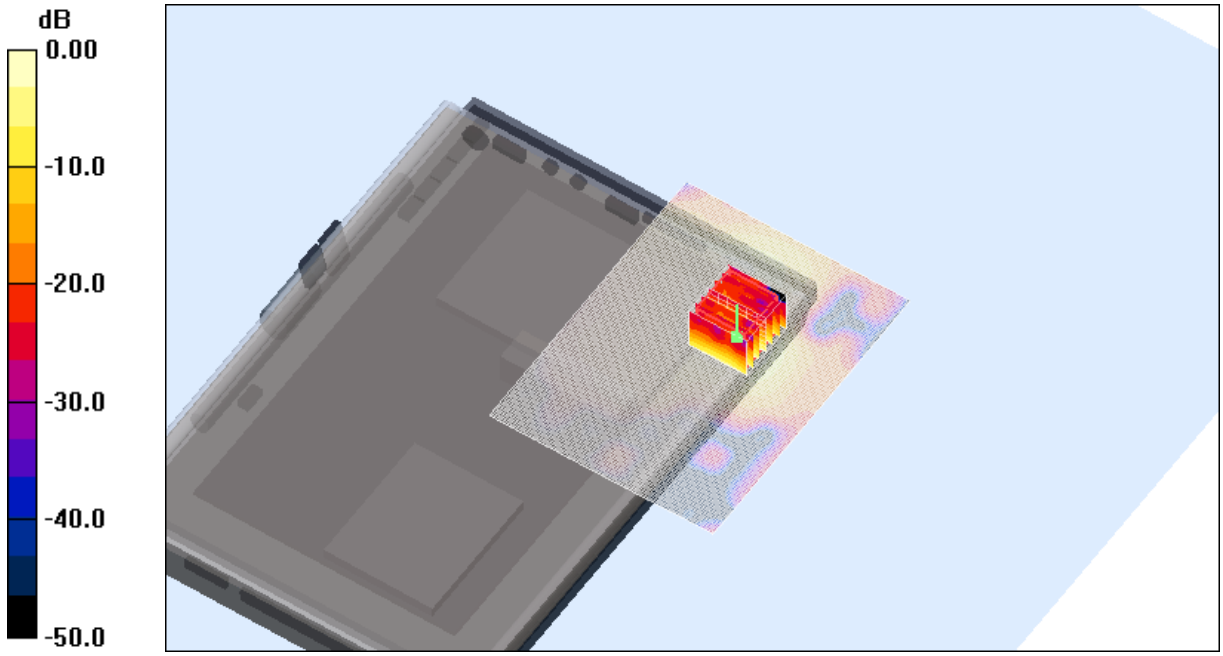
Test Date: 07 August 2006
File Name: Arm Held OFDM 5.25 GHz Antenna B Bluetooth Off 07-08-06.da4
DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

* Communication System: OFDM 5250 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.24676 mho/m, ε_r = 47.2223; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 36 Test/Area Scan (101x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.05 mW/g

Channel 36 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 19.6 V/m; Power Drift = -0.195 dB
Peak SAR (extrapolated) = 3.59 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.366 mW/g
Maximum value of SAR (measured) = 1.99 mW/g



0 dB = 1.99mW/g

SAR MEASUREMENT PLOT 31

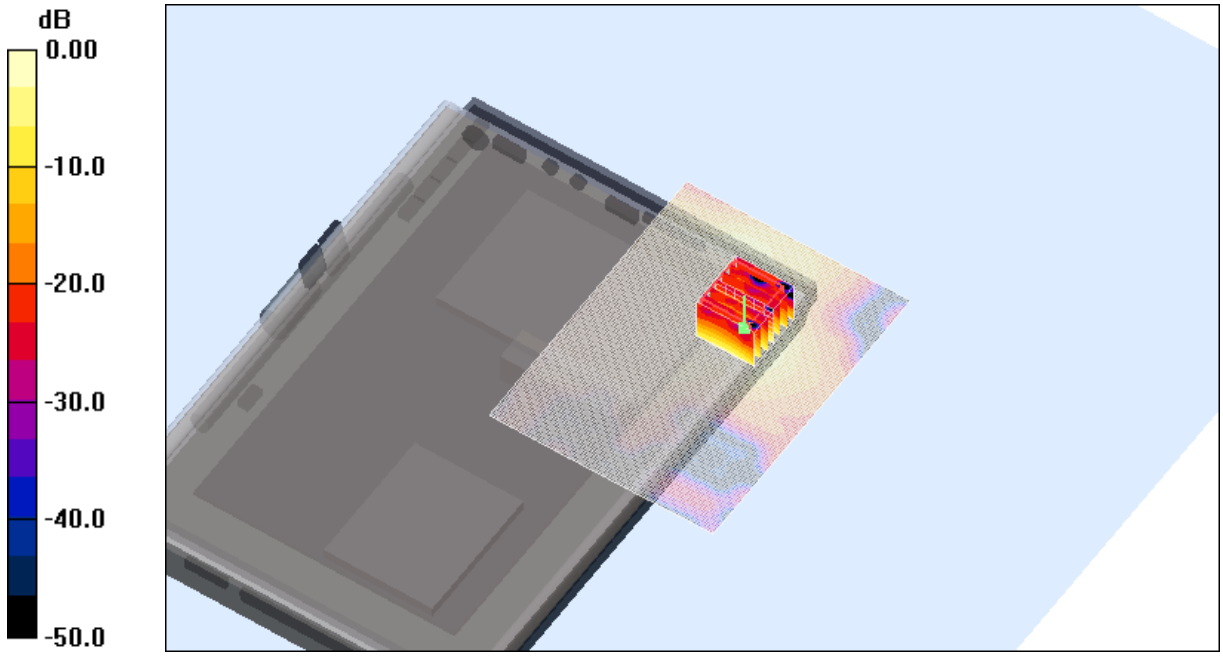
Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.6 Degrees Celsius**
Humidity	**35.0 %**

Test Date: 07 August 2006
File Name: Arm Held OFDM 5.25 GHz Antenna B Bluetooth Off 07-08-06.da4
DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

* Communication System: OFDM 5250 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.39833 mho/m, ε_r = 47.0053; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 52 Test/Area Scan (101x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.09 mW/g

Channel 52 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 19.0 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 3.86 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 2.10 mW/g



0 dB = 2.10mW/g

SAR MEASUREMENT PLOT 32

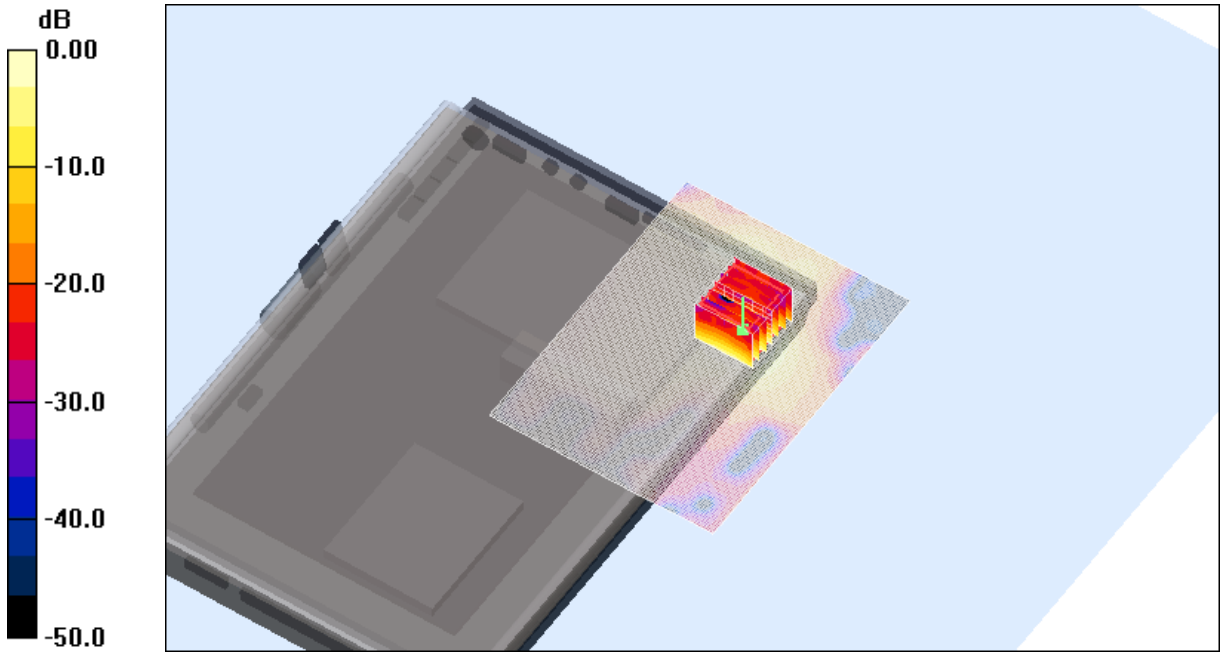
Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.6 Degrees Celsius**
Humidity	**35.0 %**

Test Date: 07 August 2006
File Name: Arm Held OFDM 5.25 GHz Antenna B Bluetooth Off 07-08-06.da4
DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

* Communication System: OFDM 5250 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.53259 mho/m, ε_r = 47.016; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 64 Test/Area Scan (101x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.69 mW/g

Channel 64 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 23.4 V/m; Power Drift = -0.279 dB
Peak SAR (extrapolated) = 5.02 W/kg
SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.481 mW/g
Maximum value of SAR (measured) = 2.64 mW/g

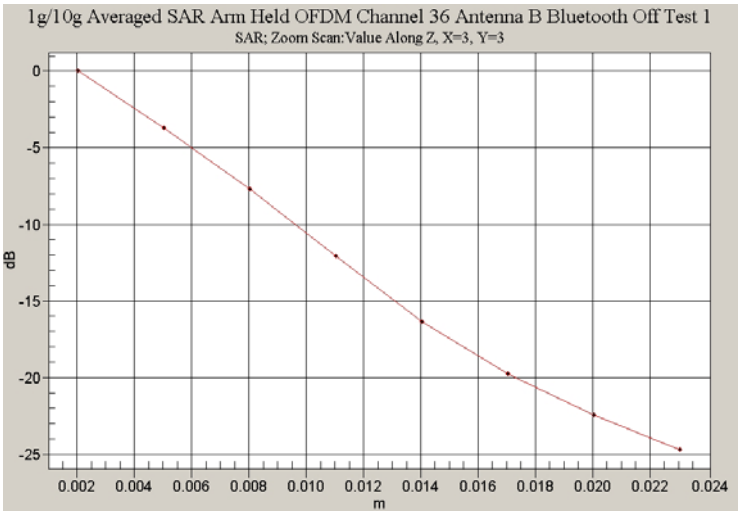


0 dB = 2.64mW/g

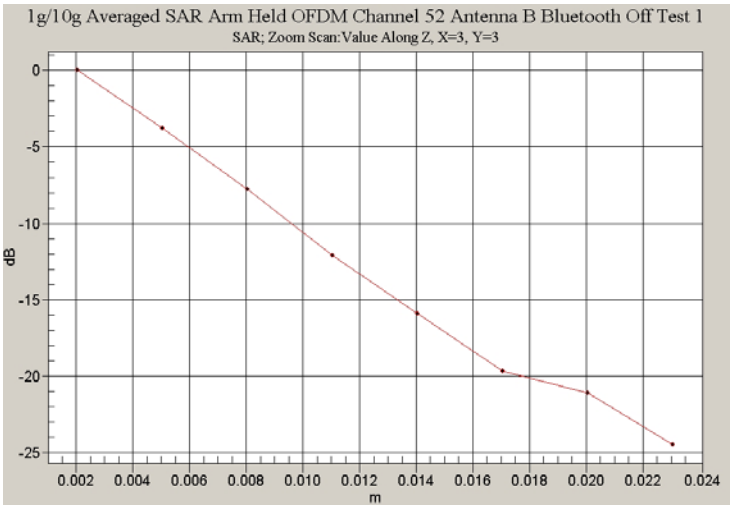
SAR MEASUREMENT PLOT 33

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.6 Degrees Celsius**
Humidity	**35.0 %**

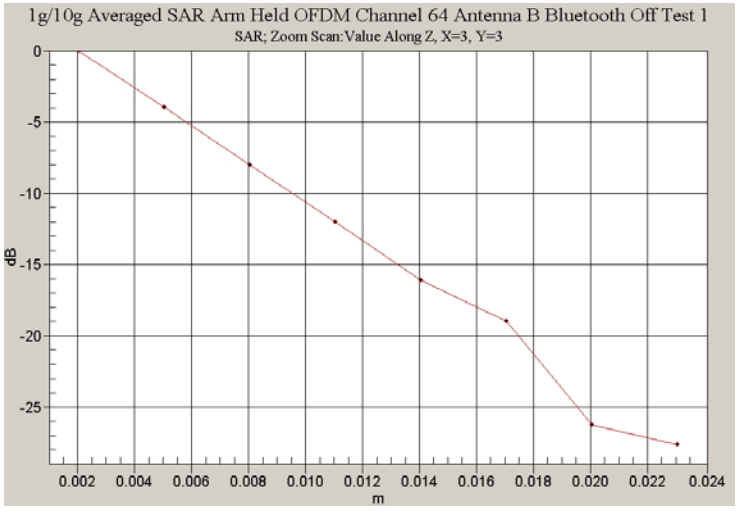
Z-Axis Graph for Plot 31



Z-Axis Graph for Plot 32



Z-Axis Graph for Plot 33

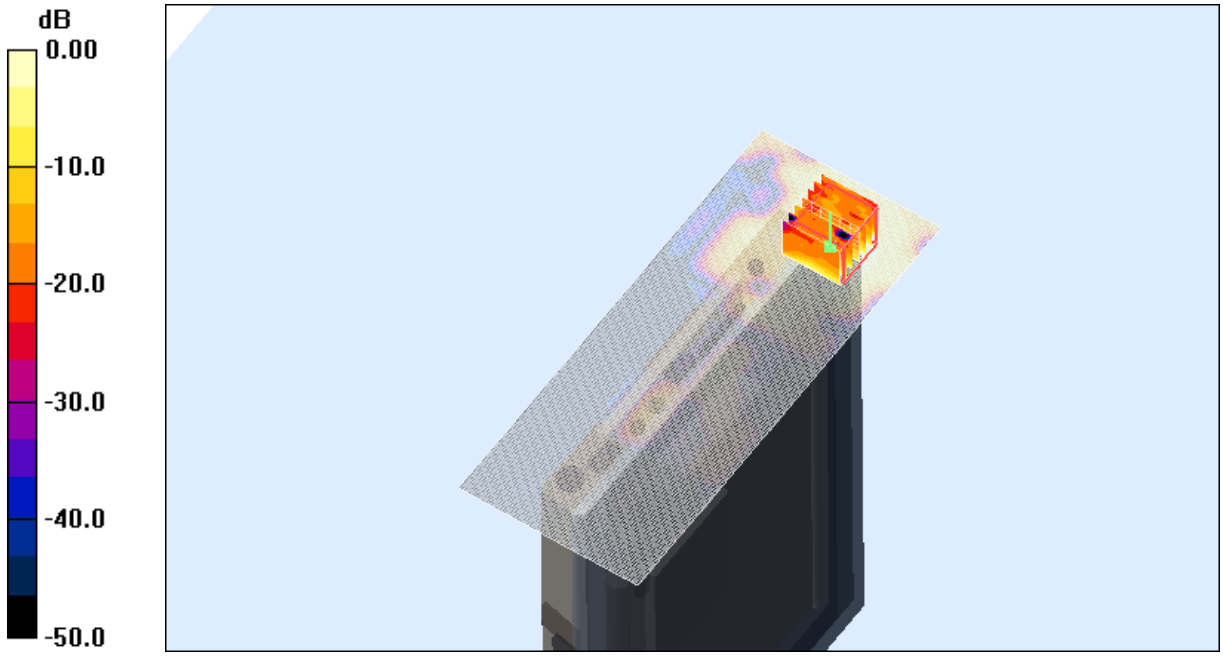


Test Date: 07 August 2006
File Name: Edge On OFDM 5.25 GHz Antenna B Side Bluetooth Off 07-08-06.da4
DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

* Communication System: OFDM 5250 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.24676 mho/m, ε_r = 47.2223; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 36 Test/Area Scan (81x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.499 mW/g

Channel 36 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 8.84 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.456 mW/g



0 dB = 0.456mW/g

SAR MEASUREMENT PLOT 34

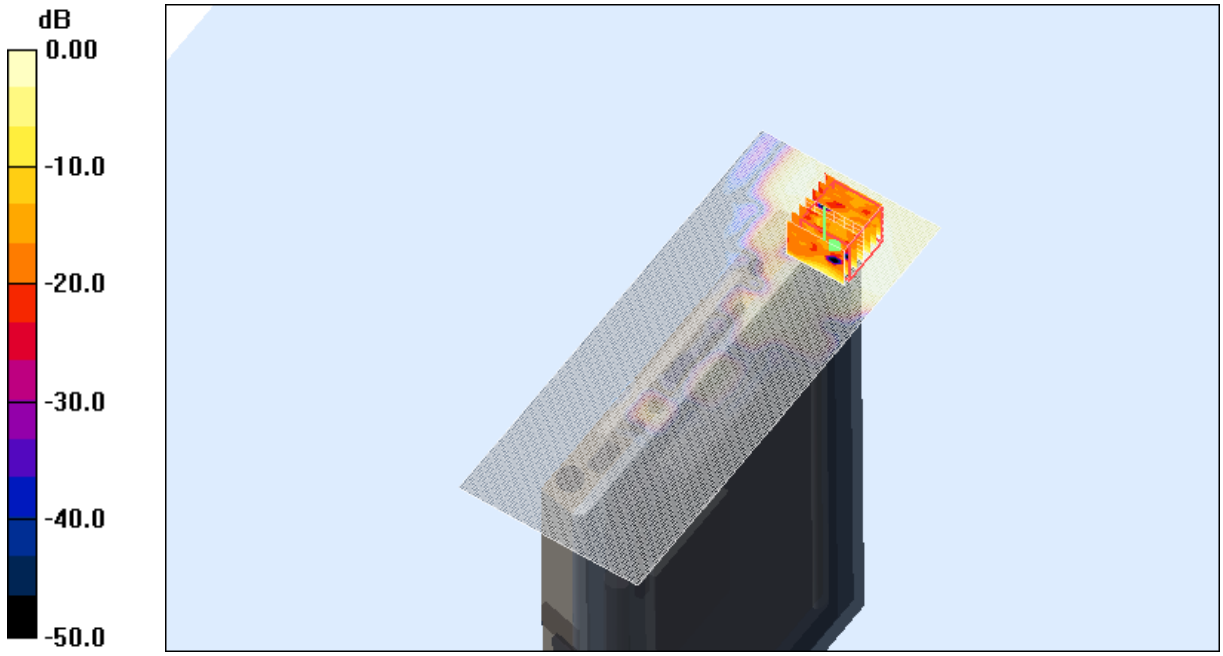
Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.6 Degrees Celsius**
Humidity	**35.0 %**

Test Date: 07 August 2006
File Name: Edge On OFDM 5.25 GHz Antenna B Side Bluetooth Off 07-08-06.da4
DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

* Communication System: OFDM 5250 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.39833 mho/m, ε_r = 47.0053; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 52 Test/Area Scan (81x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.449 mW/g

Channel 52 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 8.27 V/m; Power Drift = 0.118 dB
Peak SAR (extrapolated) = 0.657 W/kg
SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.374 mW/g



0 dB = 0.374mW/g

SAR MEASUREMENT PLOT 35

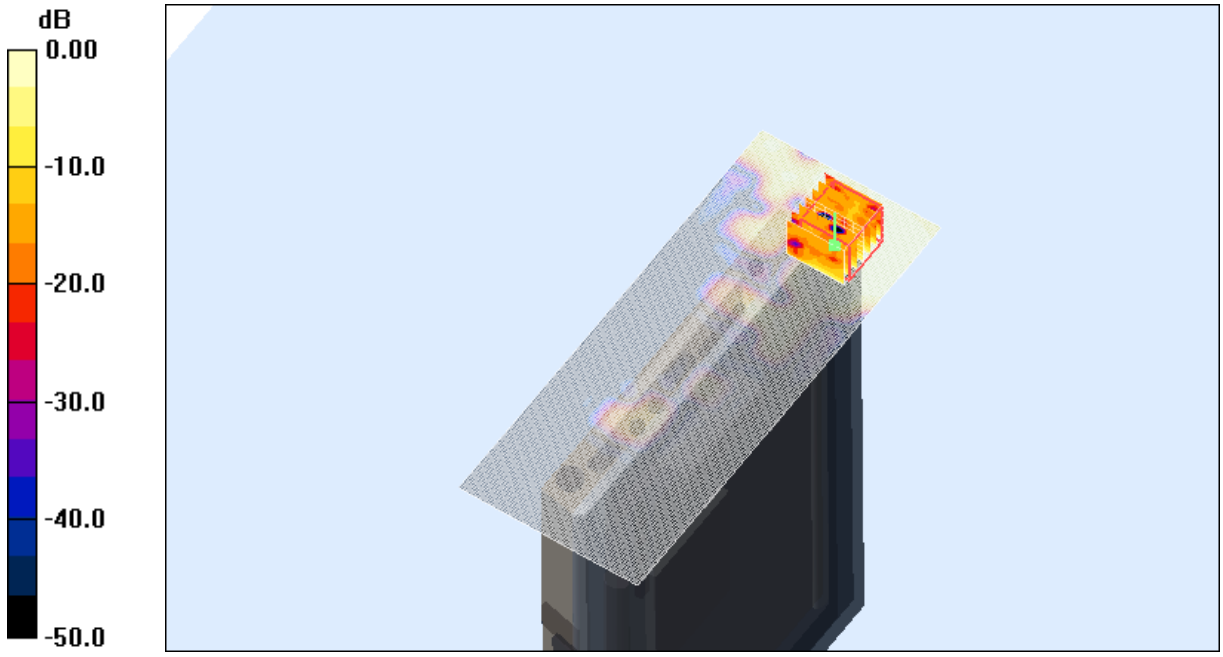
Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.6 Degrees Celsius**
Humidity	**35.0 %**

Test Date: 07 August 2006
File Name: Edge On OFDM 5.25 GHz Antenna B Side Bluetooth Off 07-08-06.da4
DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

* Communication System: OFDM 5250 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.53259 mho/m, ε_r = 47.016; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 64 Test/Area Scan (81x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.382 mW/g

Channel 64 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 6.87 V/m; Power Drift = 0.262 dB
Peak SAR (extrapolated) = 0.495 W/kg
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.280 mW/g

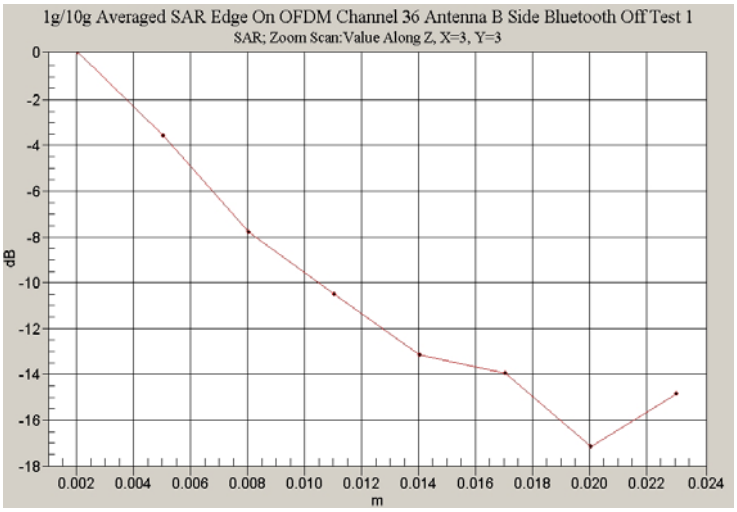


0 dB = 0.280mW/g

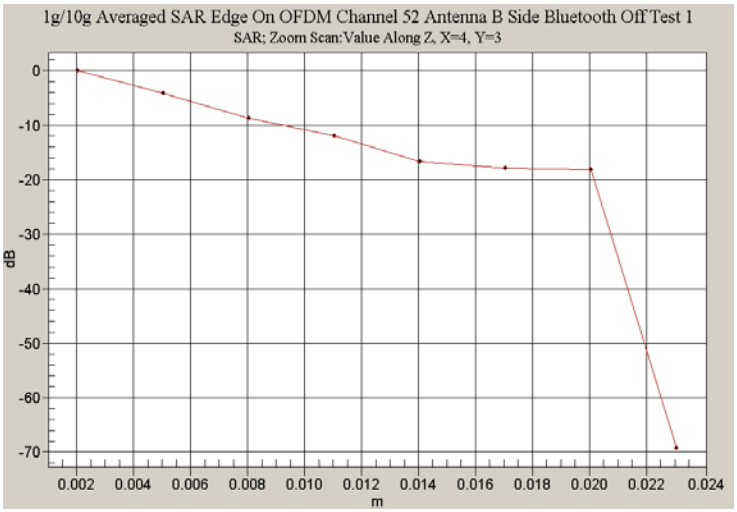
SAR MEASUREMENT PLOT 36

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.6 Degrees Celsius**
Humidity	**35.0 %**

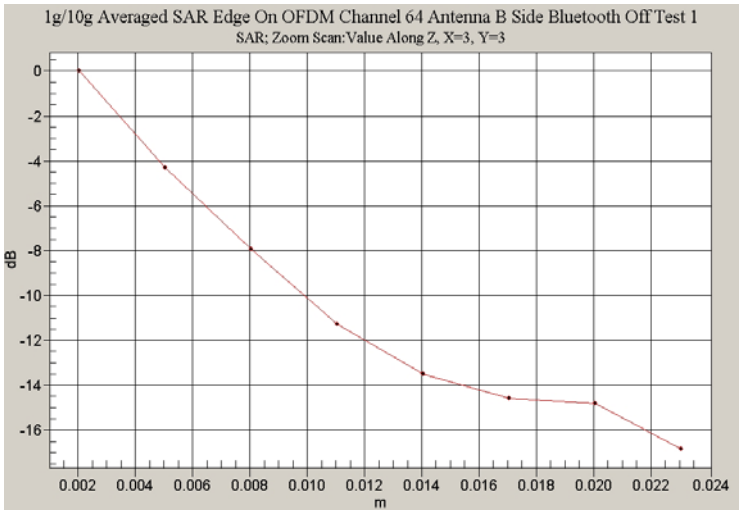
Z-Axis Graph for Plot 34



Z-Axis Graph for Plot 35



Z-Axis Graph for Plot 36

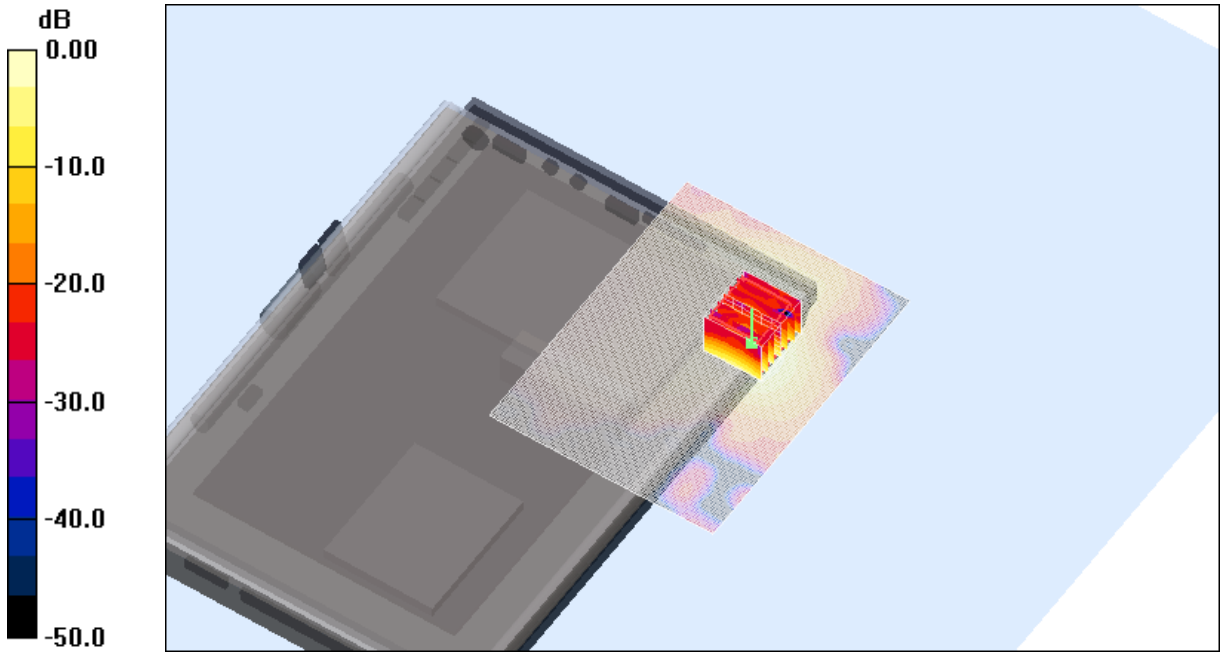


Test Date: 07 August 2006
File Name: Arm Held OFDM 5.25 GHz Antenna B Bluetooth ON 07-08-06.da4
DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

* Communication System: OFDM 5250 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.53259 mho/m, ε_r = 47.016; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 64 Test/Area Scan (101x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.57 mW/g

Channel 64 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 21.9 V/m; Power Drift = 0.094 dB
Peak SAR (extrapolated) = 4.88 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.476 mW/g
Maximum value of SAR (measured) = 2.63 mW/g



0 dB = 2.63mW/g

SAR MEASUREMENT PLOT 37

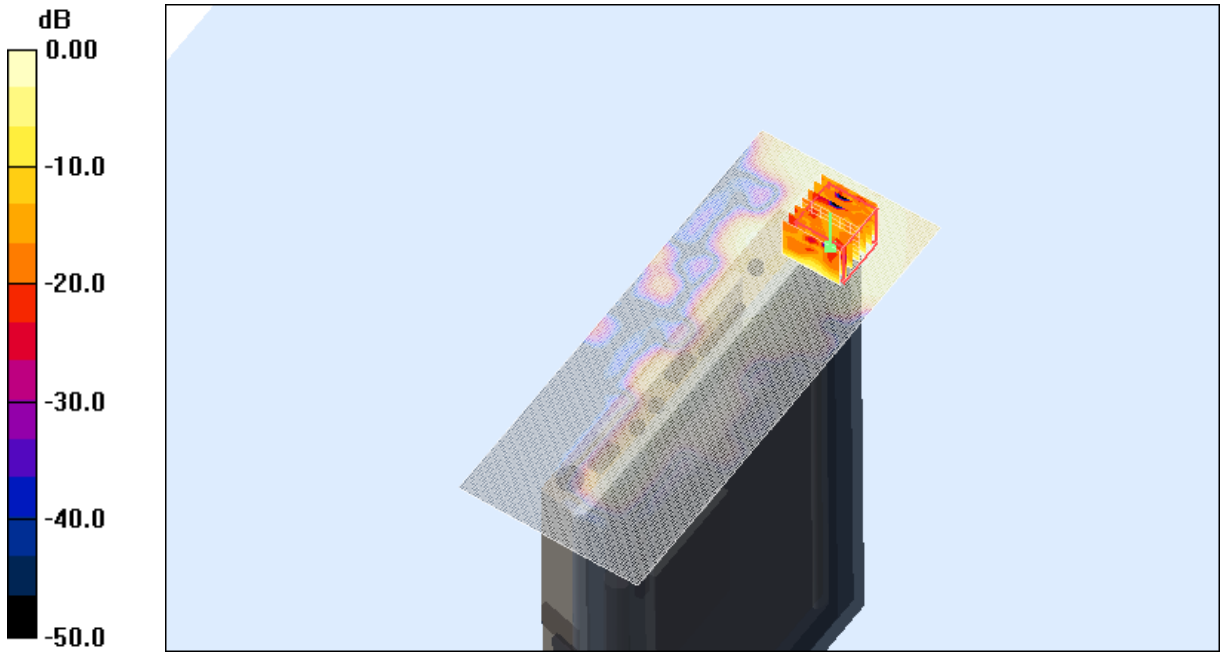
Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.6 Degrees Celsius**
Humidity	**35.0 %**

Test Date: 07 August 2006
File Name: Edge On OFDM 5.25 GHz Antenna B Side Bluetooth On 07-08-06.da4
DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

* Communication System: OFDM 5250 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.24676 mho/m, ε_r = 47.2223; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 36 Test/Area Scan (81x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.487 mW/g

Channel 36 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 9.13 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 0.998 W/kg
SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.465 mW/g

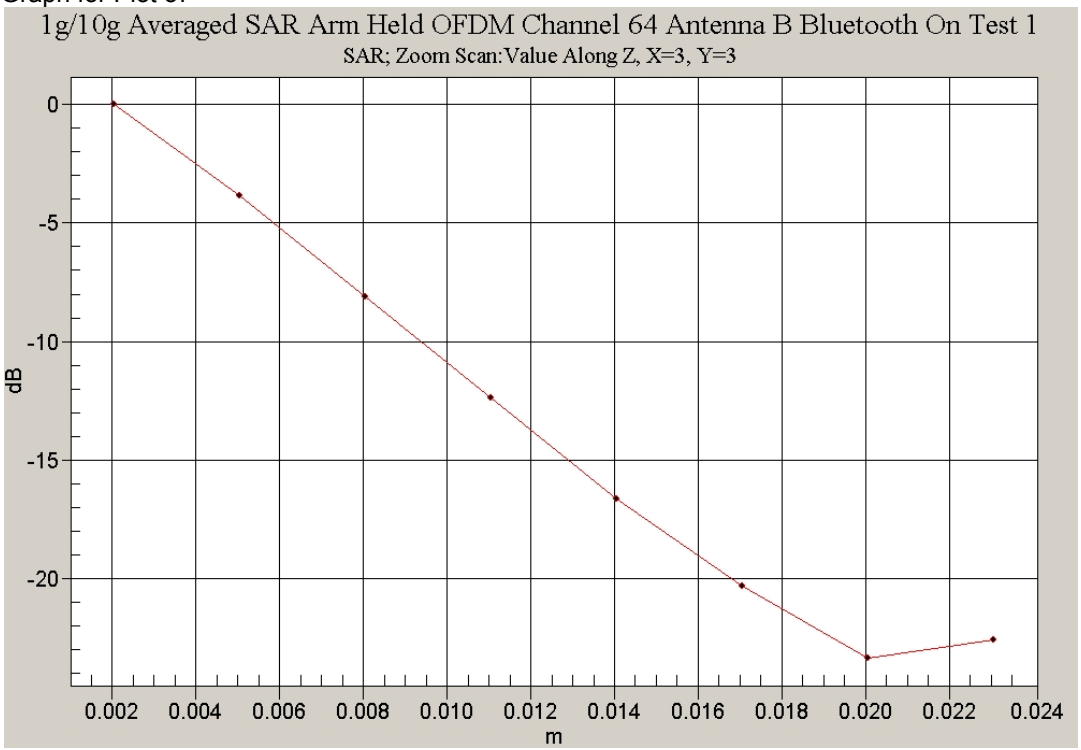


0 dB = 0.465mW/g

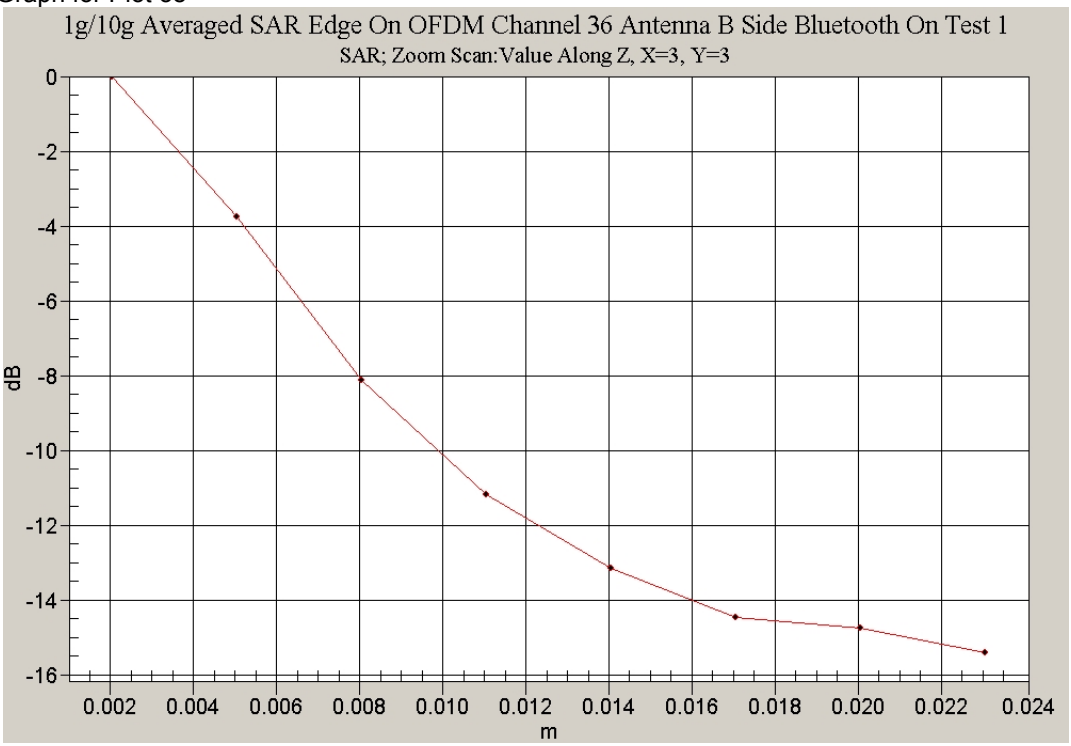
SAR MEASUREMENT PLOT 38

Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.6 Degrees Celsius**
Humidity	**35.0 %**

Z-Axis Graph for Plot 37



Z-Axis Graph for Plot 38

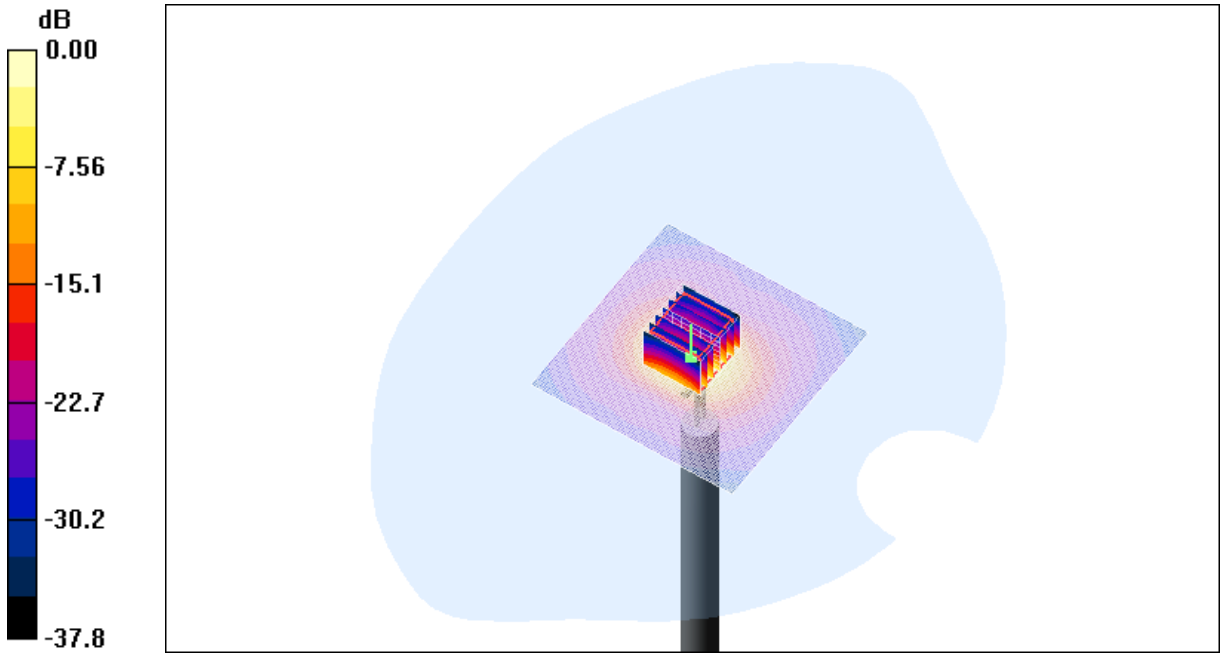


Test Date: 07 August 2006
File Name: Validation 5200MHz (DAE 442 Probe EX3DV4) 07-08-06.da4
DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5200 MHz; Frequency: 5200 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 4.65248 mho/m, ε_r = 34.8572; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.18, 4.18, 4.18)
- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 43.6 mW/g

Channel 1 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 95.8 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 78.1 W/kg
SAR(1 g) = 20 mW/g; SAR(10 g) = 5.72 mW/g
Maximum value of SAR (measured) = 42.4 mW/g



0 dB = 42.4mW/g

SAR MEASUREMENT PLOT 39

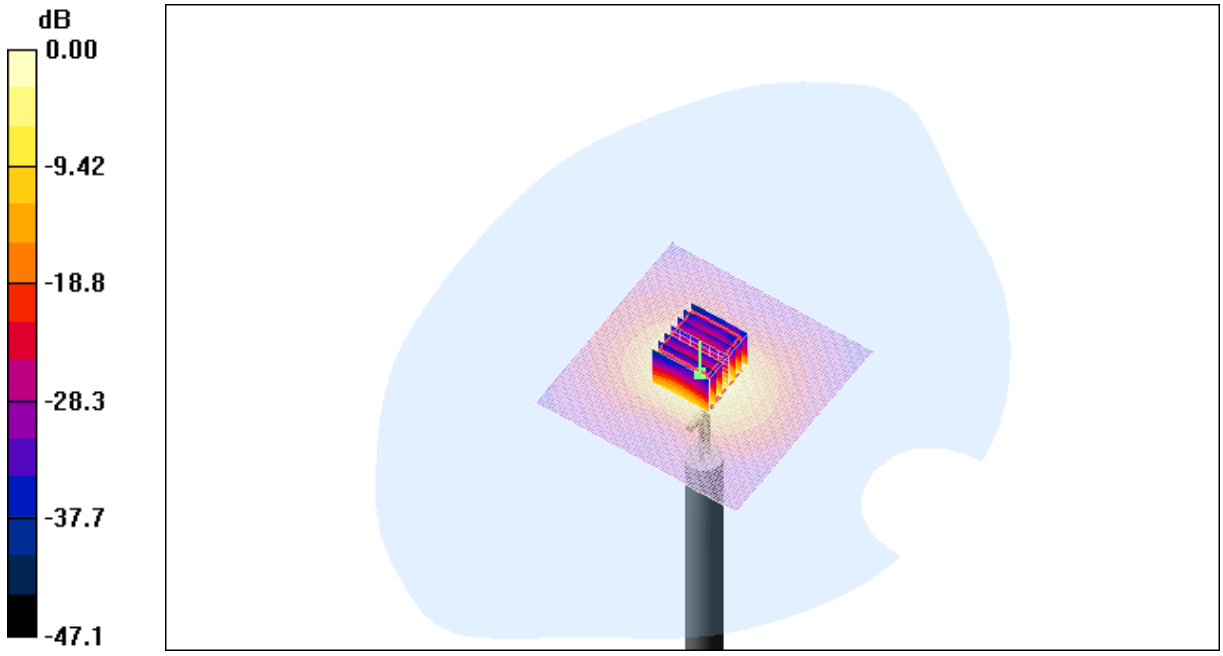
Ambient Temperature	**20.0 Degrees Celsius**
Liquid Temperature	**19.6 Degrees Celsius**
Humidity	**35.0 %**

Test Date: 01 August 2006
File Name: Validation 5800MHz (DAE 442 Probe EX3DV4) 01-08-06.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: σ = 5.50611 mho/m, ε_r = 33.6497; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.66, 3.66, 3.66)
- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

Channel 1 Test 2/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 44.9 mW/g

Channel 1 Test 2/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 94.0 V/m; Power Drift = 0.058 dB
Peak SAR (extrapolated) = 93.1 W/kg
SAR(1 g) = 20.6 mW/g; SAR(10 g) = 5.76 mW/g
Maximum value of SAR (measured) = 44.3 mW/g

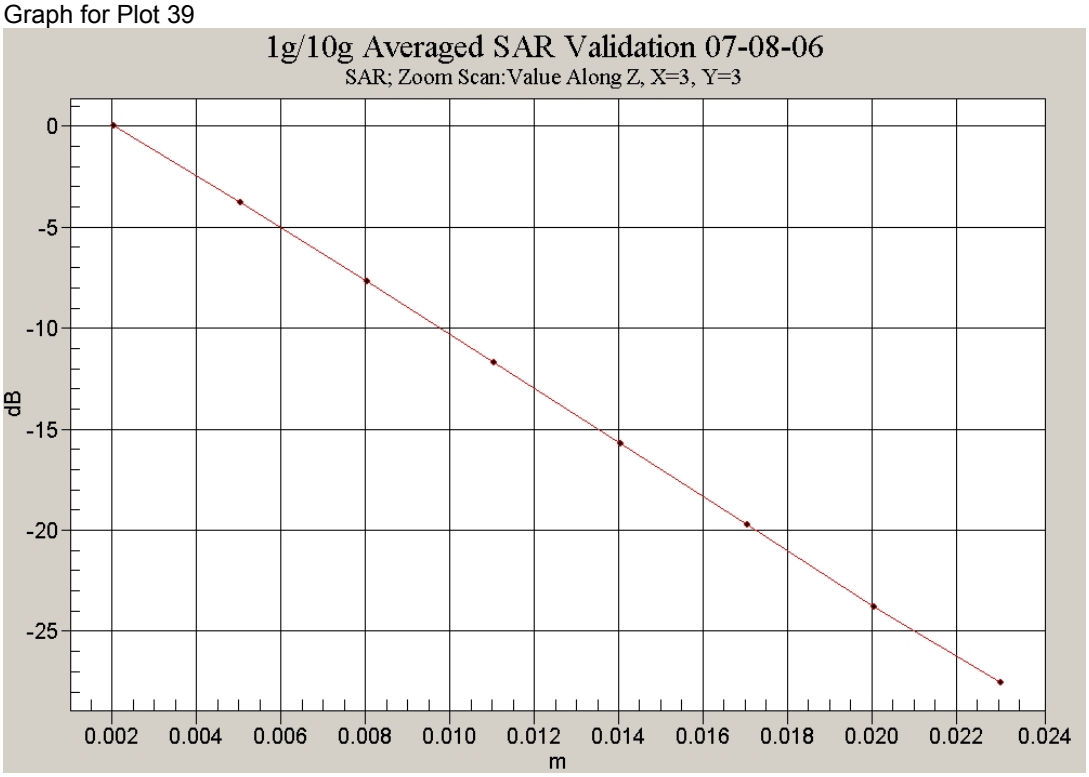


0 dB = 44.3mW/g

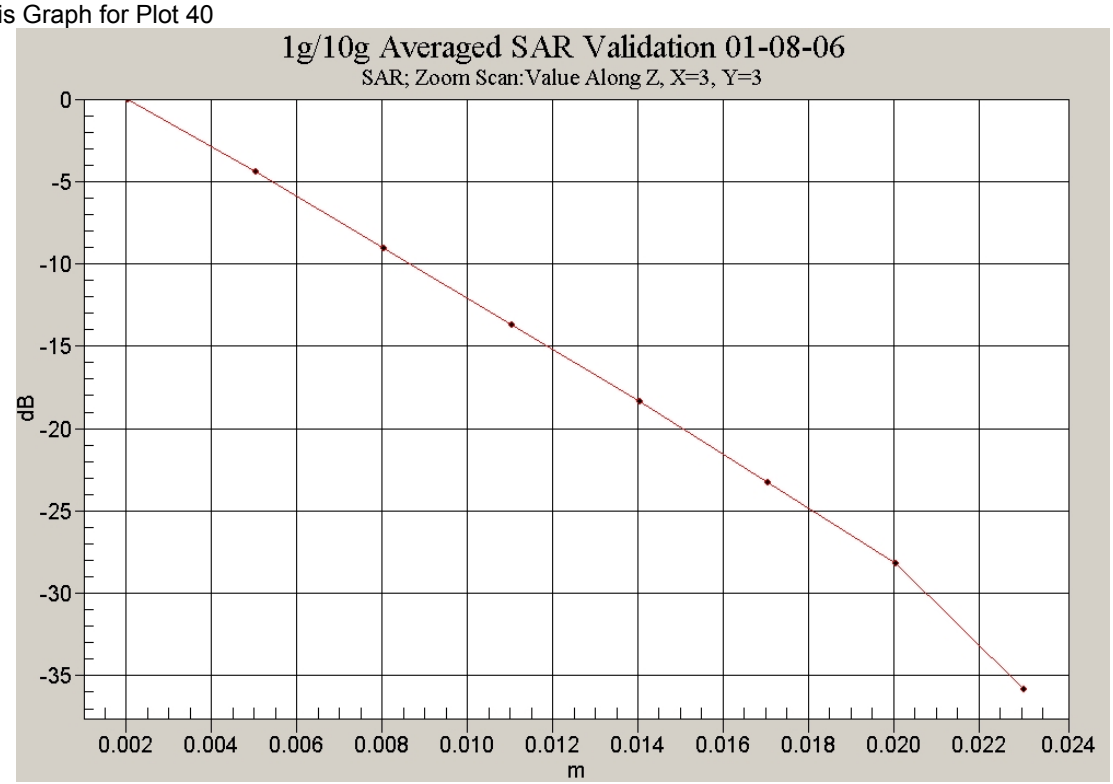
SAR MEASUREMENT PLOT 40

Ambient Temperature	**19.4 Degrees Celsius**
Liquid Temperature	**19.2 Degrees Celsius**
Humidity	**43.0 %**

Z-Axis Graph for Plot 39



Z-Axis Graph for Plot 40

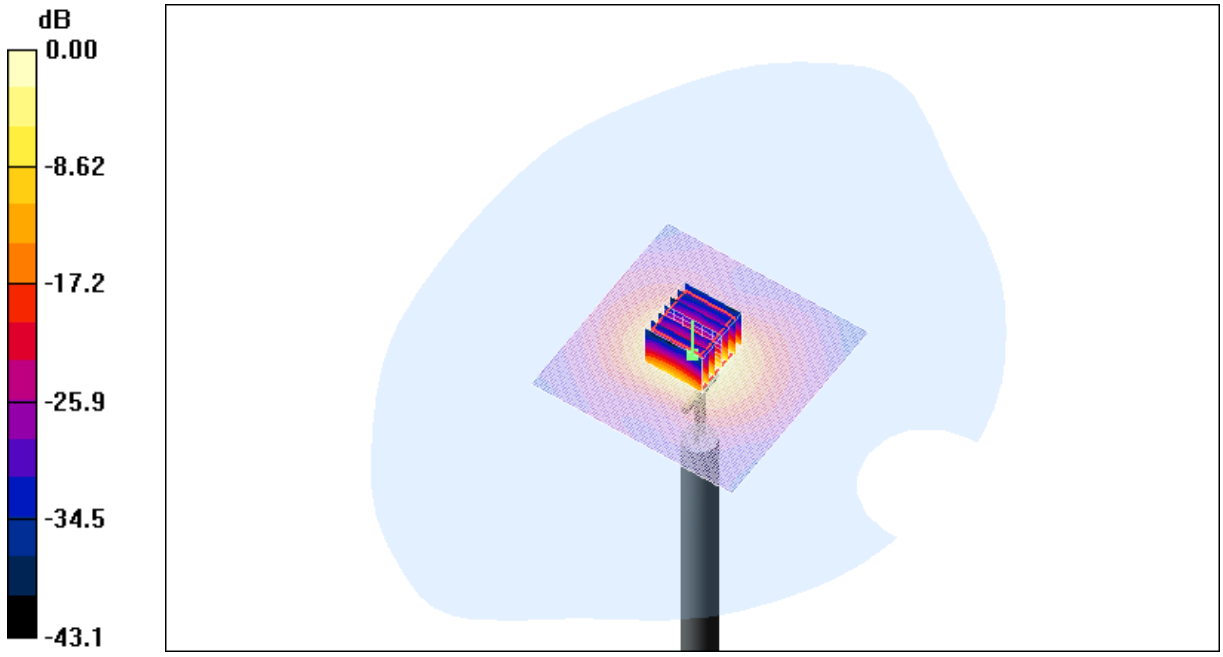


Test Date: 02 August 2006
File Name: Validation 5800MHz (DAE 442 Probe EX3DV4) 02-08-06.da4
DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5800 MHz; Frequency: 5800 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.50172 mho/m, ε_r = 33.7831; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.66, 3.66, 3.66)
- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 44.6 mW/g

Channel 1 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 90.2 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 89.5 W/kg
SAR(1 g) = 20.1 mW/g; SAR(10 g) = 5.7 mW/g
Maximum value of SAR (measured) = 43.0 mW/g



0 dB = 43.0mW/g

SAR MEASUREMENT PLOT 41

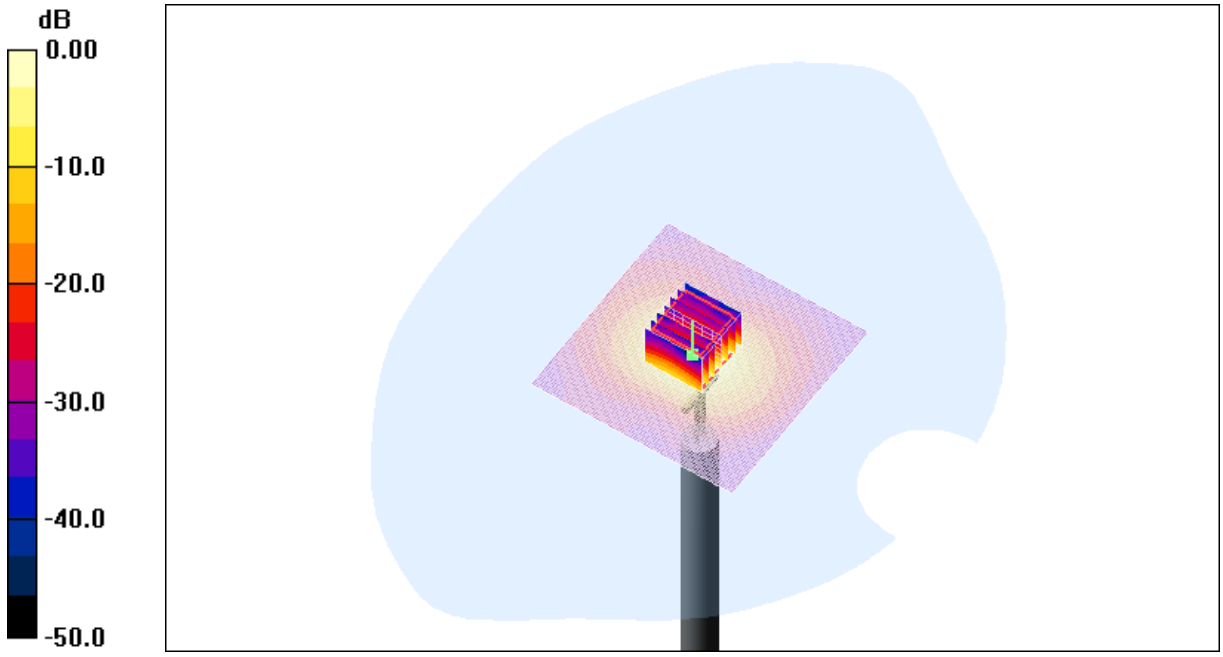
Ambient Temperature	**19.7 Degrees Celsius**
Liquid Temperature	**19.4 Degrees Celsius**
Humidity	**37.0 %**

Test Date: 03 August 2006
File Name: Validation 5800MHz (DAE 442 Probe EX3DV4) 03-08-06.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: σ = 5.45015 mho/m, ε_r = 33.6989; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.66, 3.66, 3.66)
- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 44.7 mW/g

Channel 1 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 92.0 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 94.6 W/kg
SAR(1 g) = 20.6 mW/g; SAR(10 g) = 5.75 mW/g
Maximum value of SAR (measured) = 44.8 mW/g



0 dB = 44.8mW/g

SAR MEASUREMENT PLOT 42

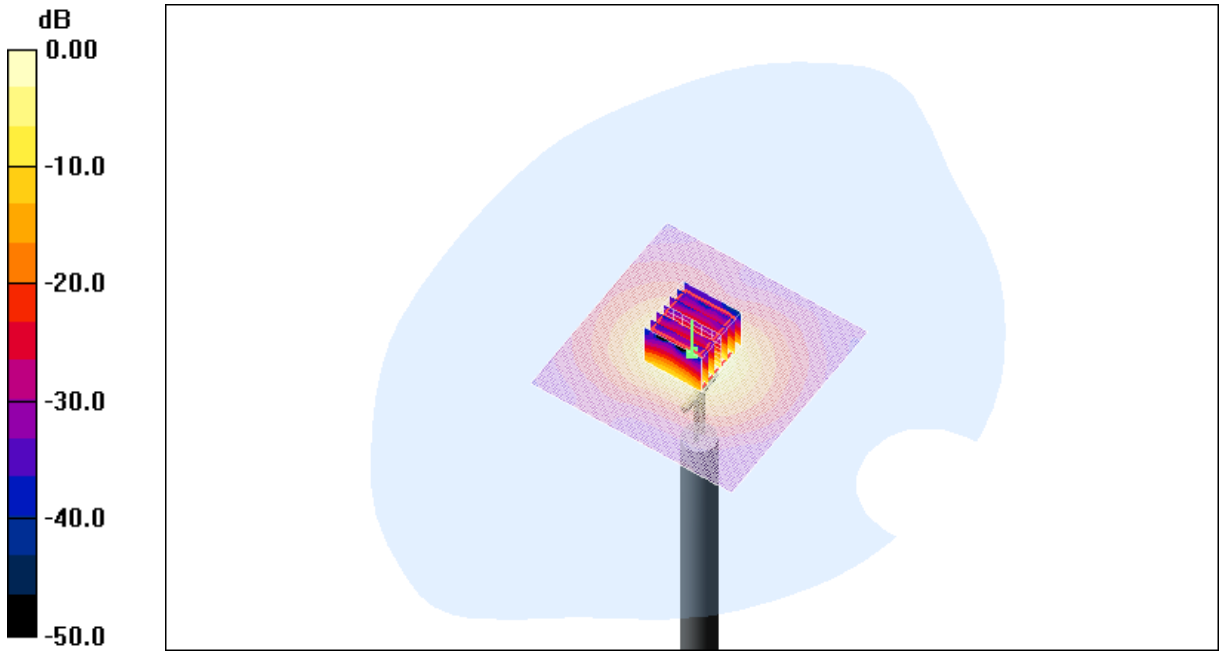
Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**20.0 Degrees Celsius**
Humidity	**41.0 %**

Test Date: 04 August 2006
File Name: Validation 5800MHz (DAE 442 Probe EX3DV4) 04-08-06.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: σ = 5.51402 mho/m, ε_r = 33.8728; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.66, 3.66, 3.66)
- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 44.2 mW/g

Channel 1 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 89.4 V/m; Power Drift = 0.195 dB
Peak SAR (extrapolated) = 92.0 W/kg
SAR(1 g) = 20.6 mW/g; SAR(10 g) = 5.75 mW/g
Maximum value of SAR (measured) = 44.1 mW/g

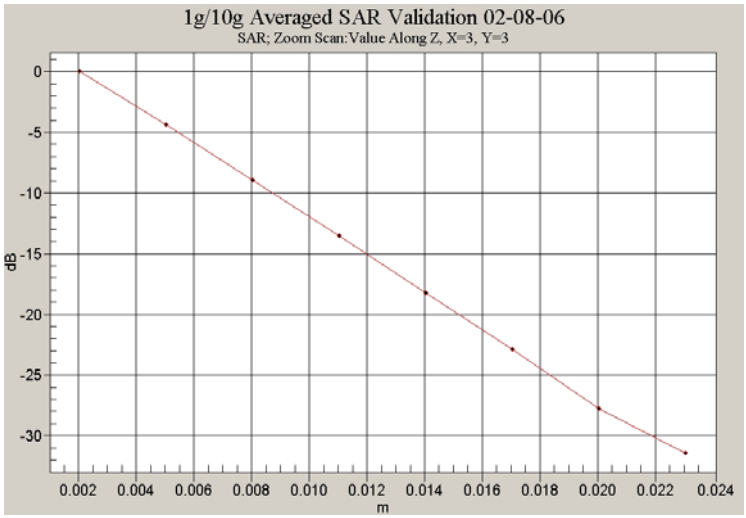


0 dB = 44.1mW/g

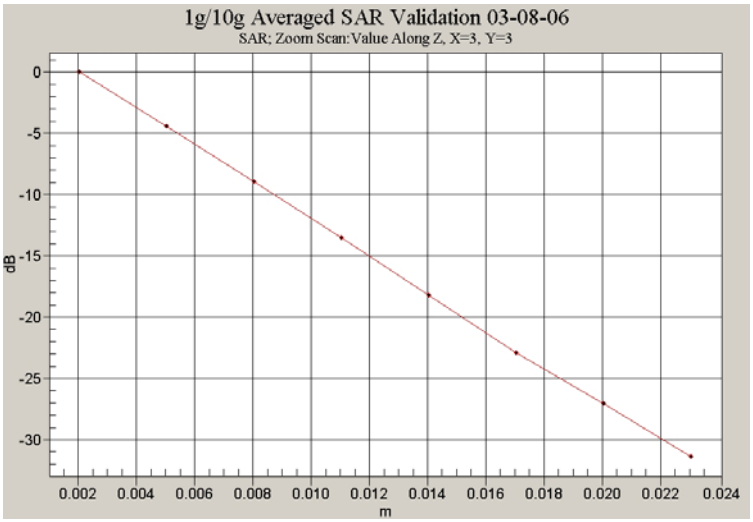
SAR MEASUREMENT PLOT 43

Ambient Temperature	**20.2 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**44.0 %**

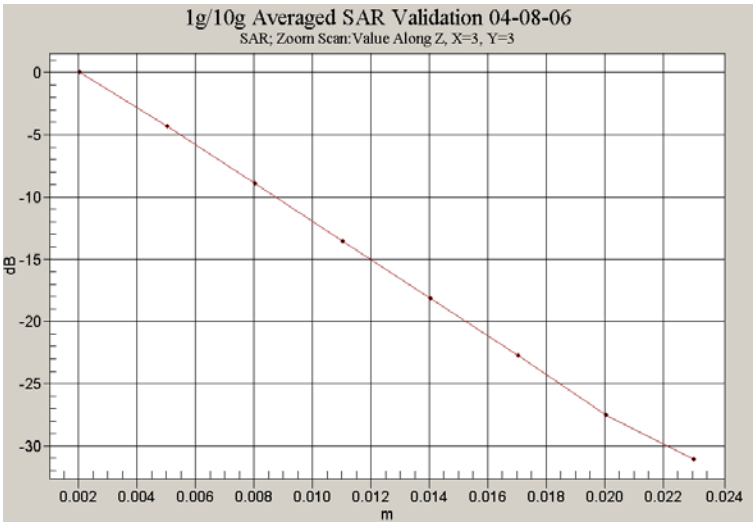
Z-Axis Graph for Plot 41



Z-Axis Graph for Plot 42



Z-Axis Graph for Plot 43



APPENDIX C
SAR TESTING EQUIPMENT CALIBRATION CERTIFICATE ATTACHMENTS

Calibration Certificate Attachments

1. 5800MHz E-Field Probe Calibration Sheet	8 Pages
2. 5GHz Dipole Calibration Sheet	7 Pages