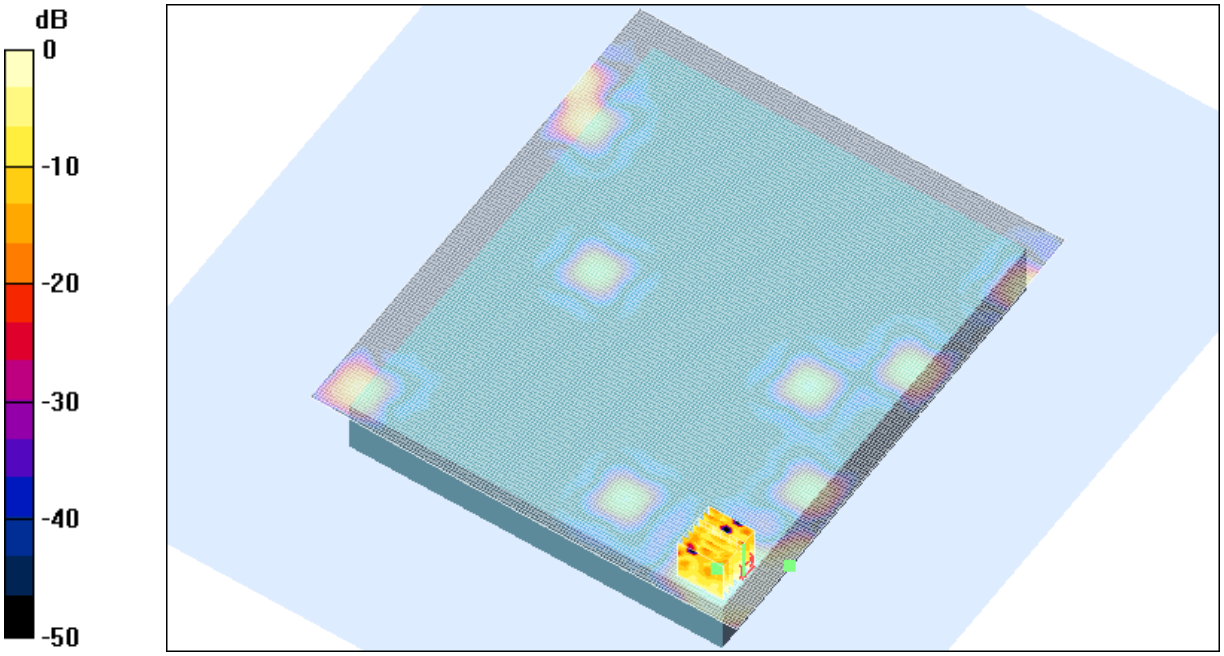
Test Date: 24 May 2005
File Name: Tablet DSSS 2450 MHz Soriel Antenna A Bluetooth On Prescan 24-05-05.da4
DUT: Fujitsu Tablet Sadalarn with Atheros 11abg; Type: WLL 4070; Serial: MAC:0011F5-496CC4

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 1.98237; mho/m, ε_r = 52.6516; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.16, 4.16, 4.16)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 6 Bluetooth at 2441 MHz Test/Area Scan (141x161x1): Measurement grid: dx=20mm, dy=20mm



0 dB = 0.00849mW/g

SAR MEASUREMENT PLOT 8

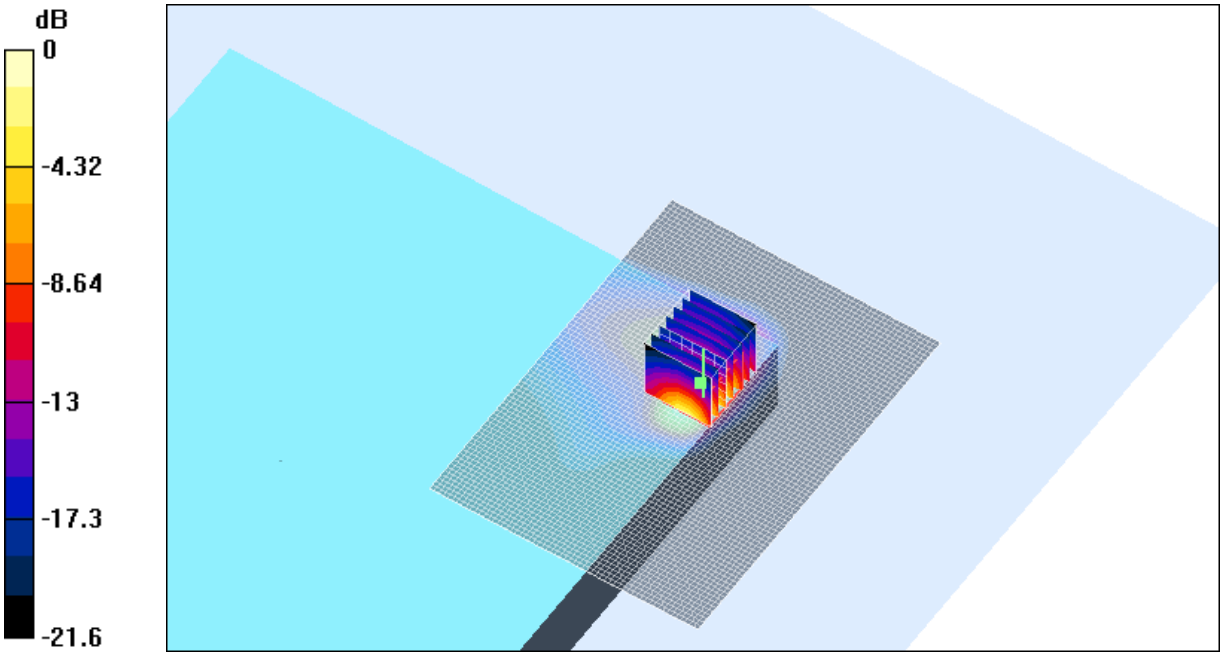
Ambient Temperature	**20.6 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**55.0 %**

Test Date: 25 May 2005
File Name: Arm Held DSSS 2450 MHz Soriel Antenna A Bluetooth On 25-05-05.da4
DUT: Fujitsu Tablet Sadalarn with Atheros 11abg; Type: WLL 4070; Serial: MAC:0011F5-496CC4

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 1.94254; mho/m, ε_r = 50.6965; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.16, 4.16, 4.16)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 6 Bluetooth On Test/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.55 mW/g

Channel 6 Bluetooth On Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 3.44 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.570 mW/g
Maximum value of SAR (measured) = 1.52 mW/g



0 dB = 1.52mW/g

SAR MEASUREMENT PLOT 9

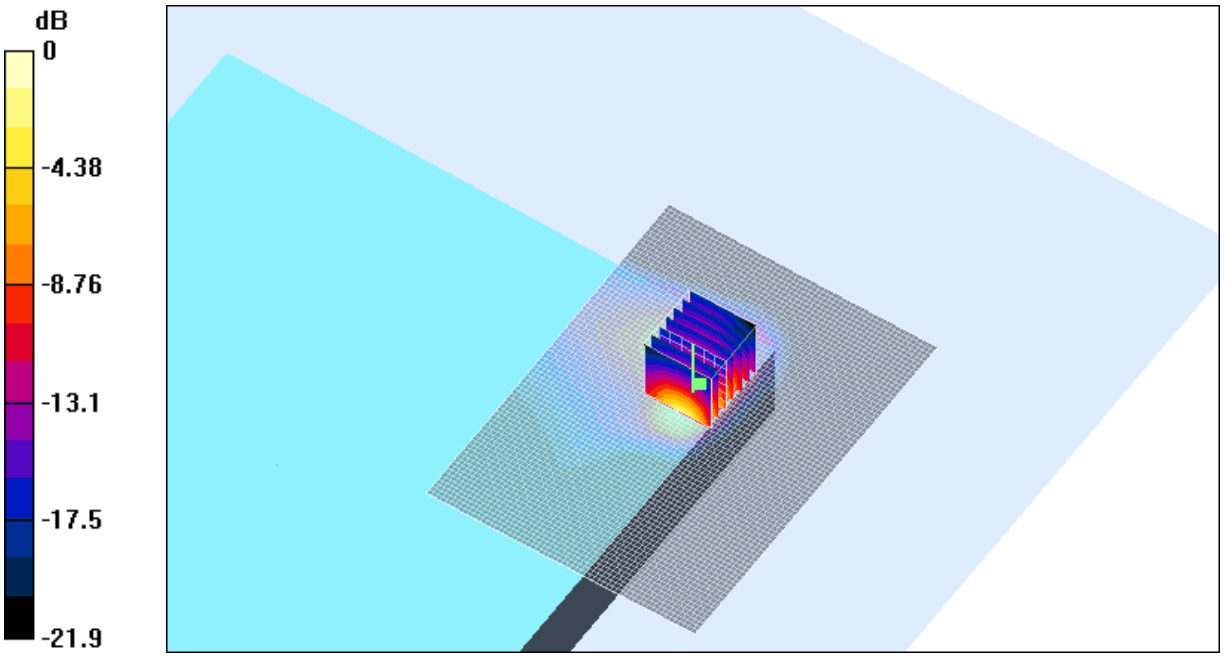
Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.4 Degrees Celsius**
Humidity	**49.0 %**

Test Date: 25 May 2005
File Name: Arm Held OFDM 2450 MHz Soriel Antenna A Bluetooth Off 25-05-05.da4
DUT: Fujitsu Tablet Sadalarn with Atheros 11abg; Type: WLL 4070; Serial: MAC:0011F5-496CC4

* Communication System: OFDM 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 1.94254; mho/m, ε_r = 50.6965; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.16, 4.16, 4.16)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.39 mW/g

Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.2 V/m; Power Drift = -0.4 dB
Peak SAR (extrapolated) = 2.95 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.499 mW/g
Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.35mW/g

SAR MEASUREMENT PLOT 10

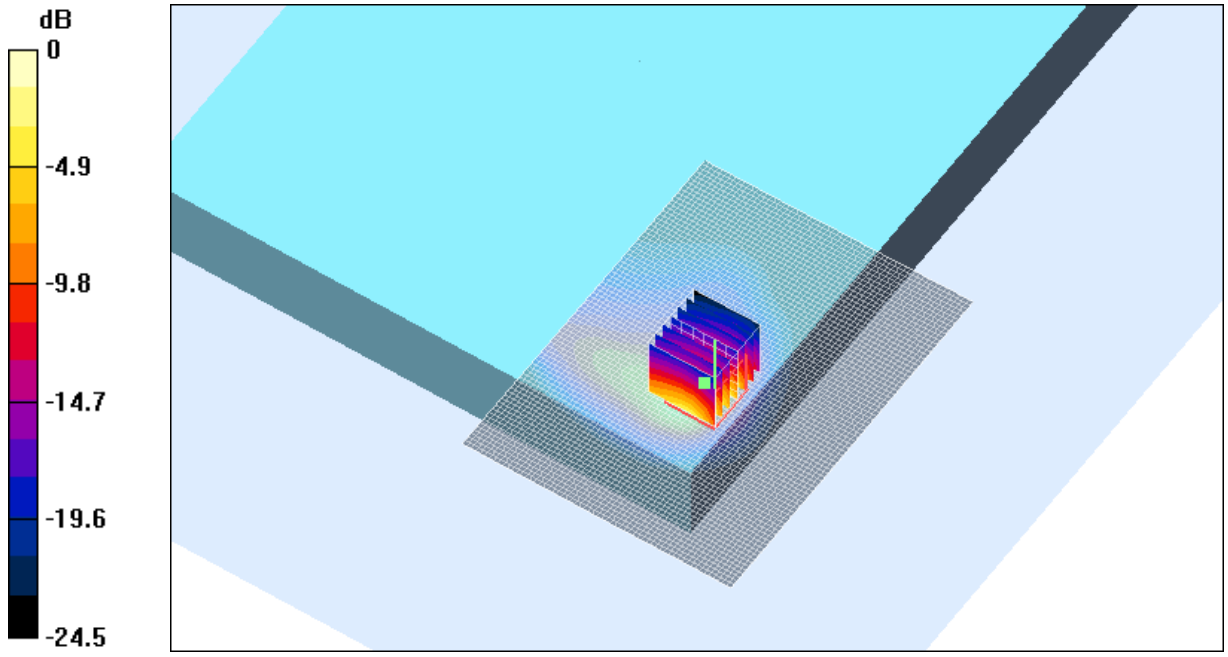
Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.4 Degrees Celsius**
Humidity	**49.0 %**

Test Date: 25 May 2005
File Name: Arm Held OFDM 2450 MHz Soriel Antenna B Bluetooth Off 25-05-05.da4
DUT: Fujitsu Tablet Sadalarn with Atheros 11abg; Type: WLL 4070; Serial: MAC:0011F5-496CC4

* Communication System: OFDM 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 1.94254; mho/m, ε_r = 50.6965; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.16, 4.16, 4.16)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 6 Test/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.4 mW/g

Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.4 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 3.53 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.505 mW/g
Maximum value of SAR (measured) = 1.46 mW/g

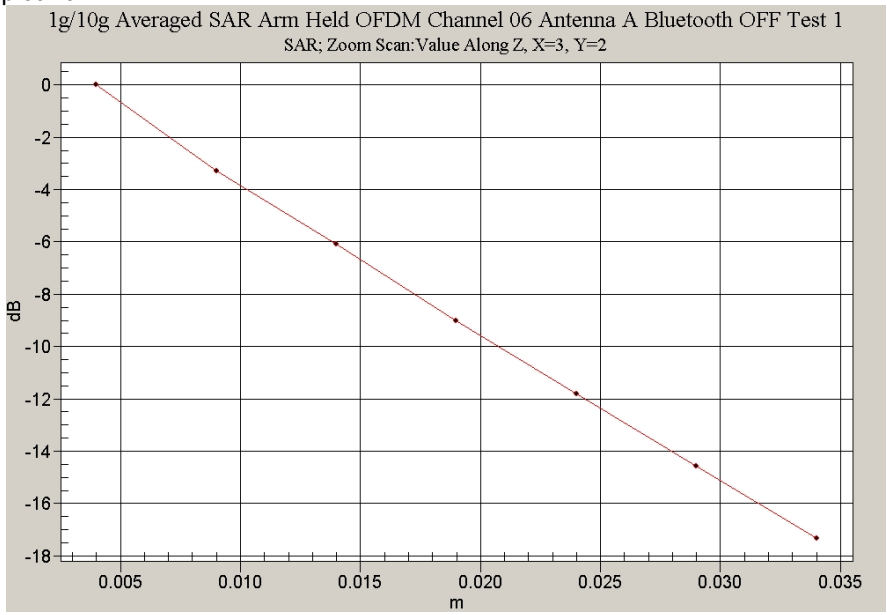


0 dB = 1.46mW/g

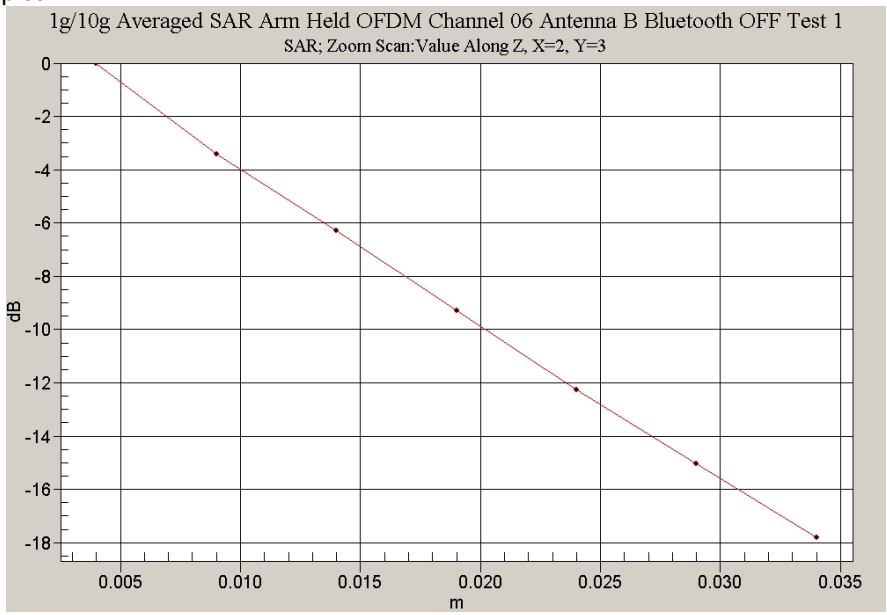
SAR MEASUREMENT PLOT 11

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.4 Degrees Celsius**
Humidity	**49.0 %**

Z-Axis scan for plot 10



Z-Axis scan for plot 11

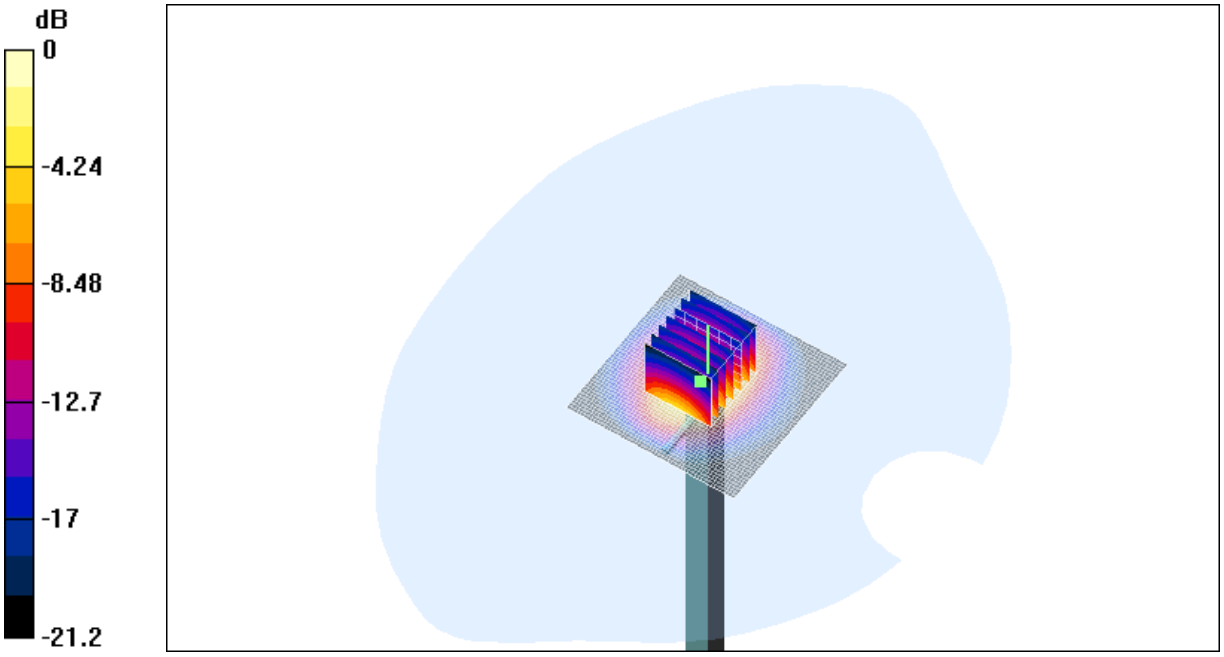


Test Date: 24 May 2005
File Name: Validation 2450 MHz (DAE442 Probe1380) 24-05-05.da4
DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

* Communication System: CW 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 1.81256; mho/m, ε_r = 40.644; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.47, 4.47, 4.47)
- 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) = 17.5 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 95.3 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 25.4 W/kg
SAR(1 g) = 12.8 mW/g; SAR(10 g) = 6.12 mW/g
Maximum value of SAR (measured) = 14.3 mW/g



0 dB = 14.3mW/g

SAR MEASUREMENT PLOT 12

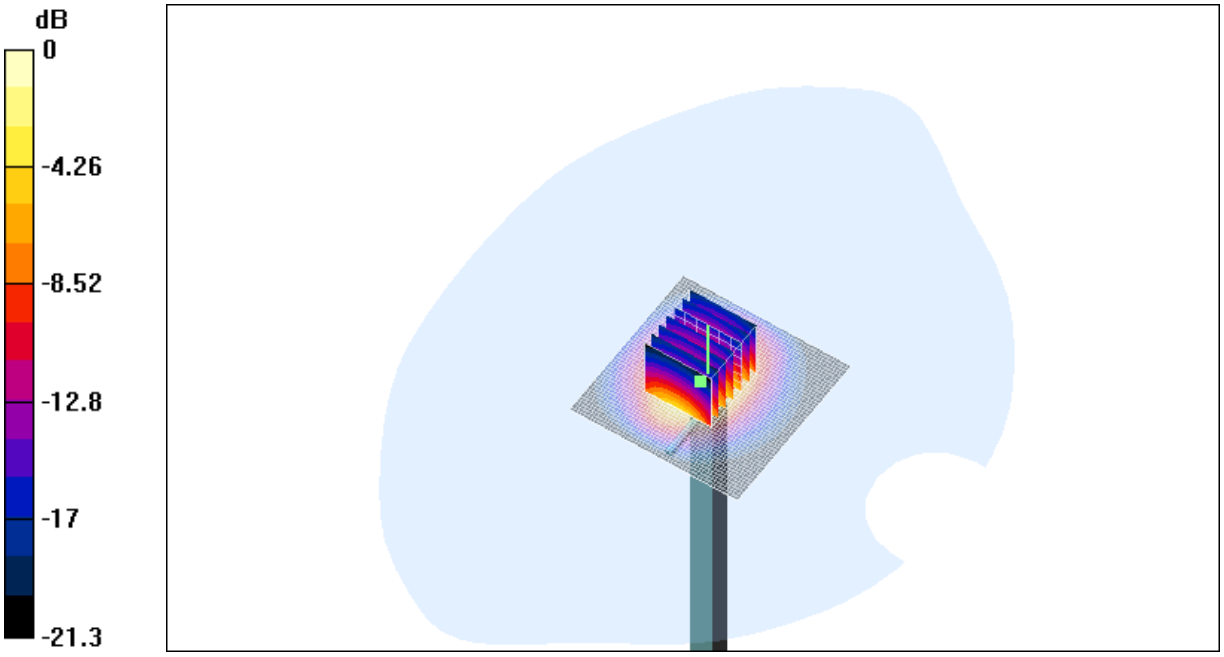
Ambient Temperature	**20.6 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**55.0 %**

Test Date: 25 May 2005
File Name: Validation 2450 MHz (DAE442 Probe1380) 25-05-05.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 = 1.83984; mho/m, ε_r = 40.284; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.47, 4.47, 4.47)
- 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) = 16.6 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 93.1 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 25.6 W/kg
SAR(1 g) = 12.7 mW/g; SAR(10 g) = 6.11 mW/g
Maximum value of SAR (measured) = 14.3 mW/g

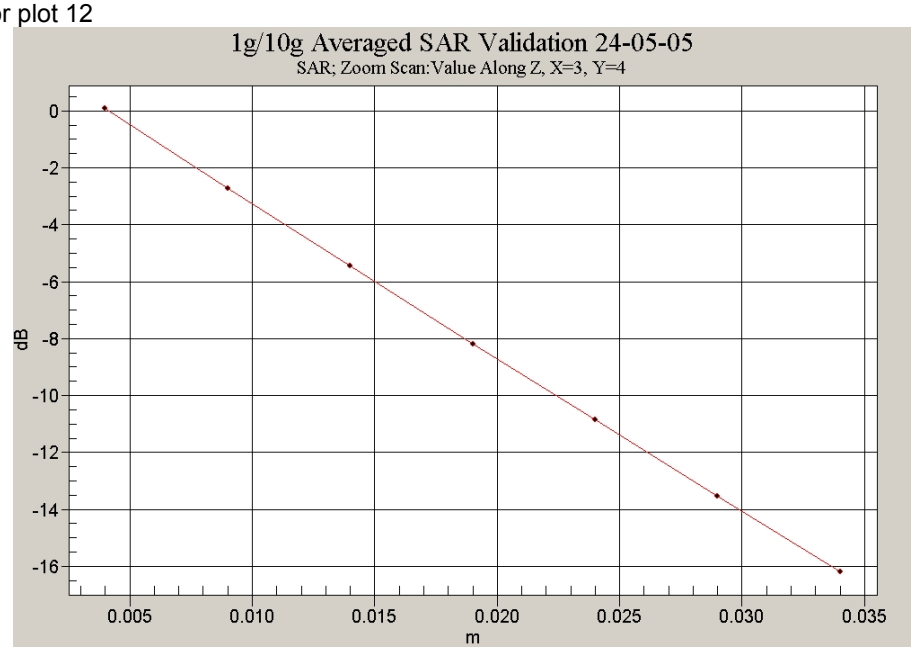


0 dB = 14.3mW/g

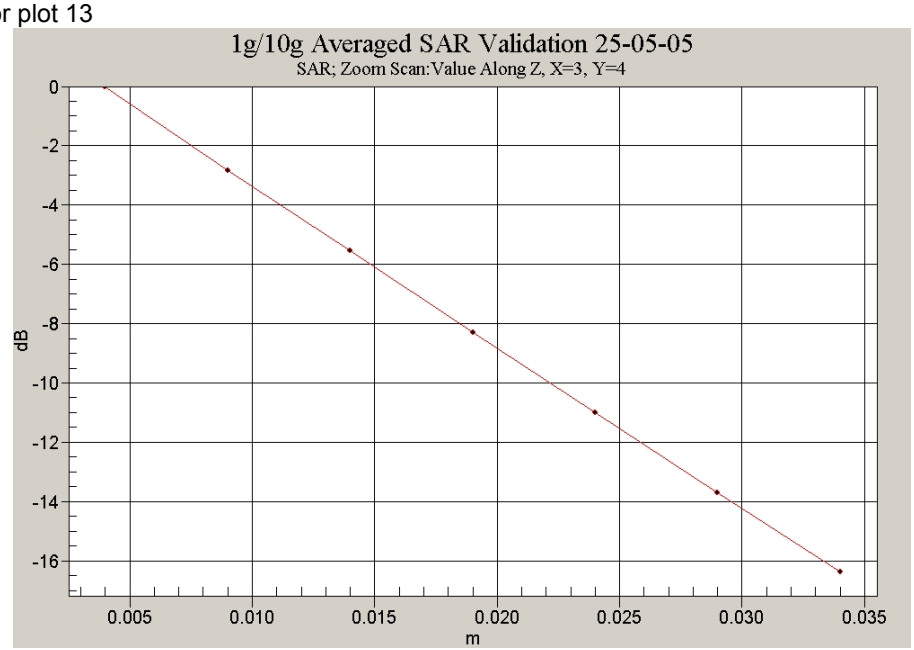
SAR MEASUREMENT PLOT 13

Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.4 Degrees Celsius**
Humidity	**49.0 %**

Z-Axis scan for plot 12



Z-Axis scan for plot 13



APPENDIX C
SAR TESTING EQUIPMENT CALIBRATION CERTIFICATE ATTACHMENTS

Calibration Certificate Attachments

1. E-Field Probe Calibration Sheet	8 Pages
2. 2450MHz Dipole Calibration Sheet	5 pages