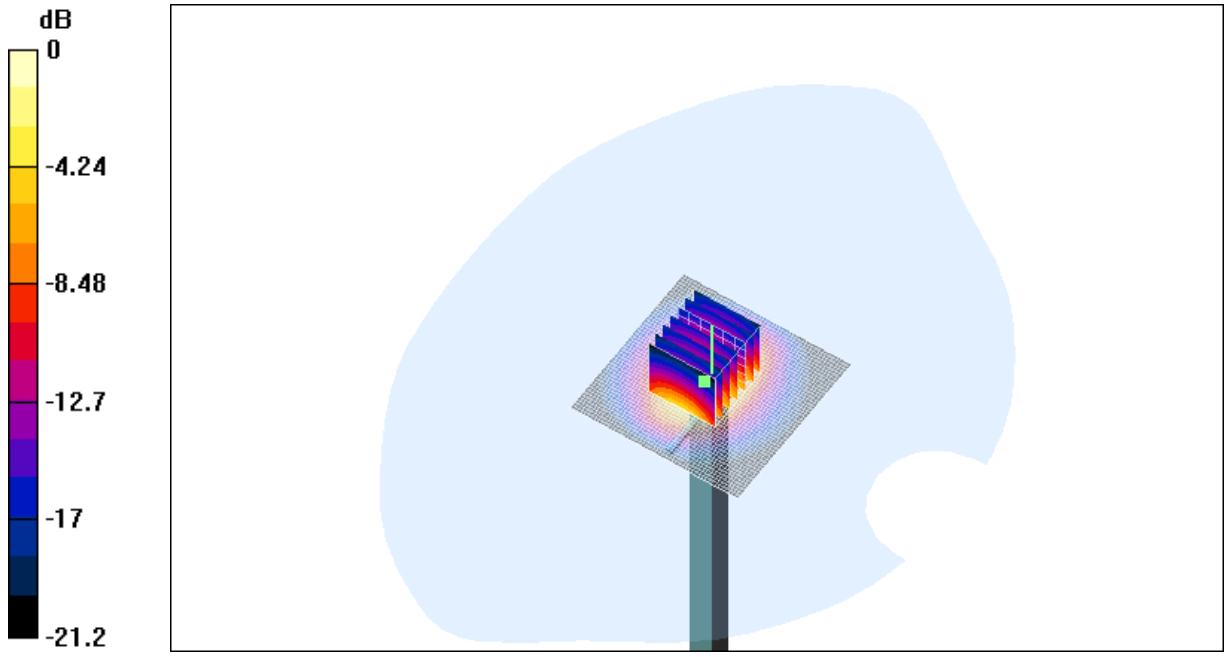
Test Date: 24 May 2005
File Name: Validation 2450 MHz (DAE442 Probe1380) 24-05-05.da4
DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

* 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 16

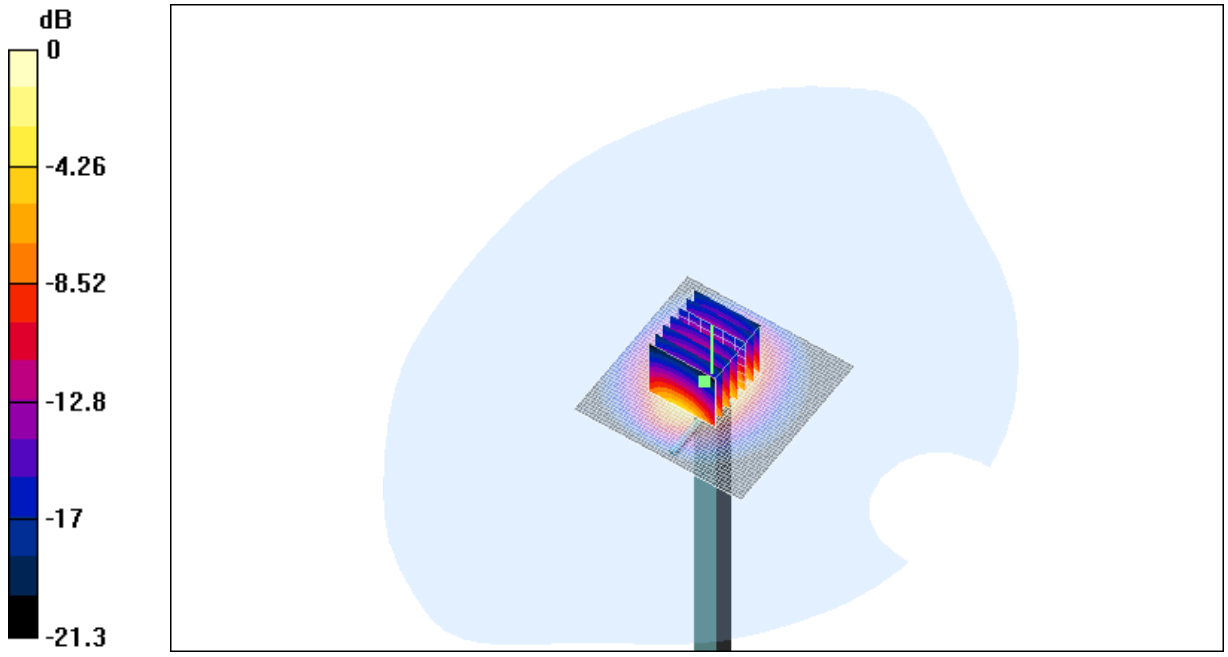
Ambient Temperature	**20.6 Degrees Celsius**
Liquid Temperature	**19.8 Degrees Celsius**
Humidity	**55.0 %**

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 17

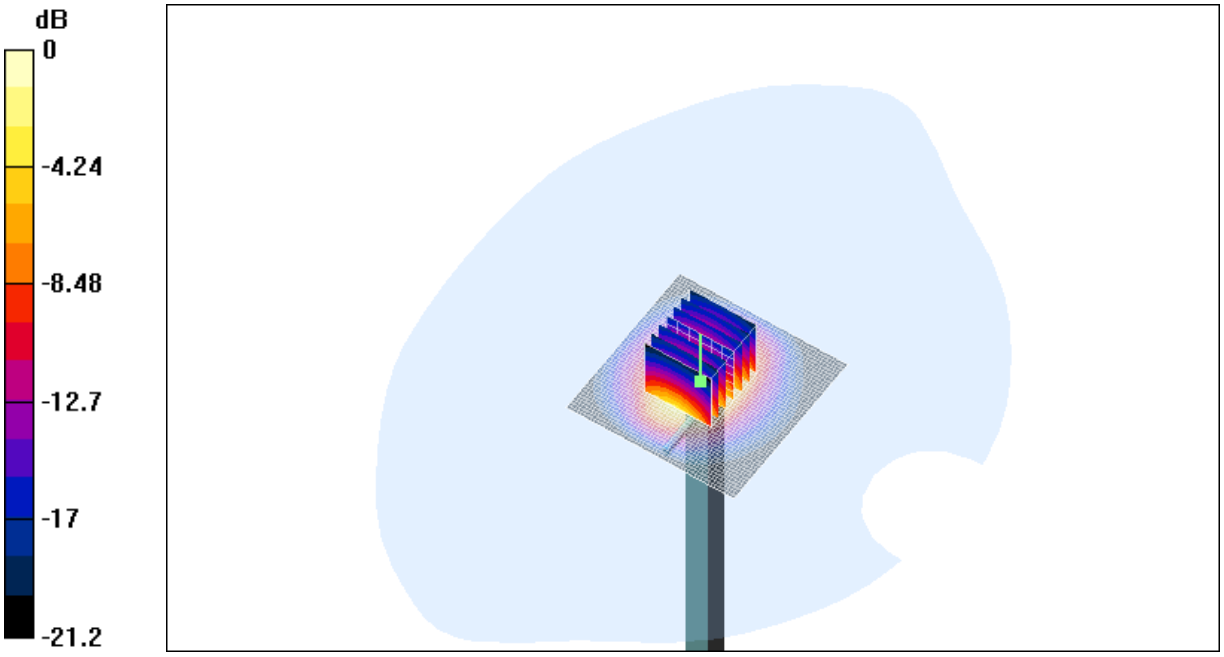
Ambient Temperature	**20.4 Degrees Celsius**
Liquid Temperature	**19.4 Degrees Celsius**
Humidity	**49.0 %**

Test Date: 13 July 2005
File Name: Validation 2450 MHz (DAE442 Probe1380) 13-07-05.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 = 1.83524; mho/m, ε_r = 39.6641; 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) = 17.3 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 95 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 25.7 W/kg
SAR(1 g) = 12.8 mW/g; SAR(10 g) = 6.09 mW/g
Maximum value of SAR (measured) = 14.3 mW/g

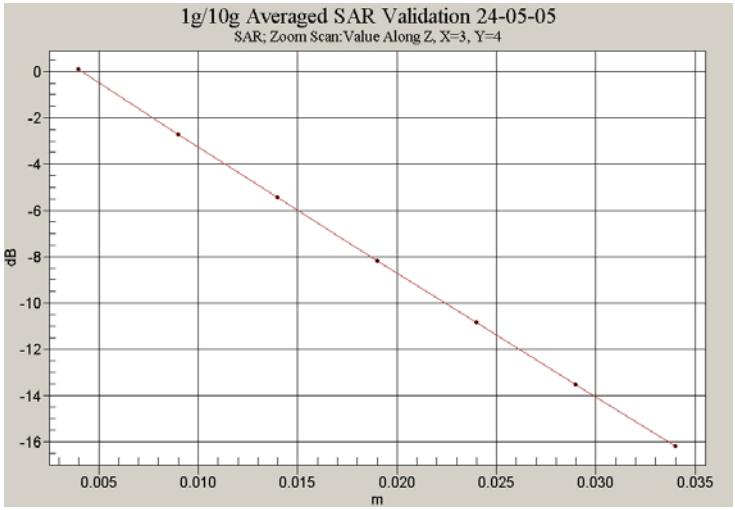


0 dB = 14.3mW/g

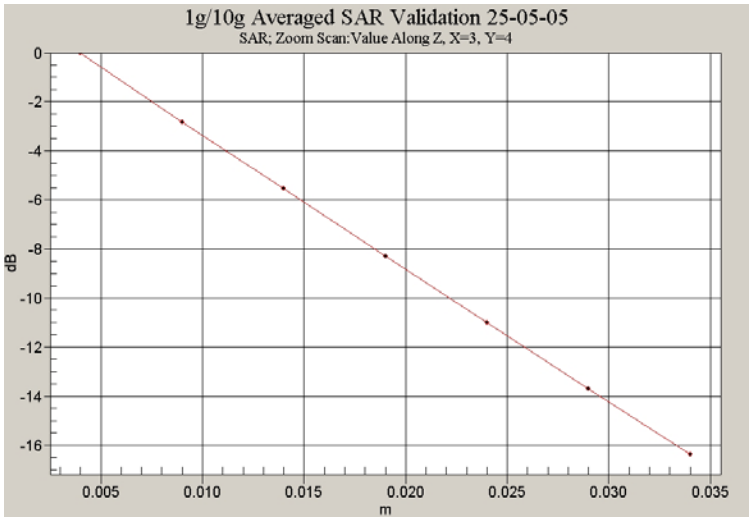
SAR MEASUREMENT PLOT 18

Ambient Temperature	**20.7 Degrees Celsius**
Liquid Temperature	**19.9 Degrees Celsius**
Humidity	**43.0 %**

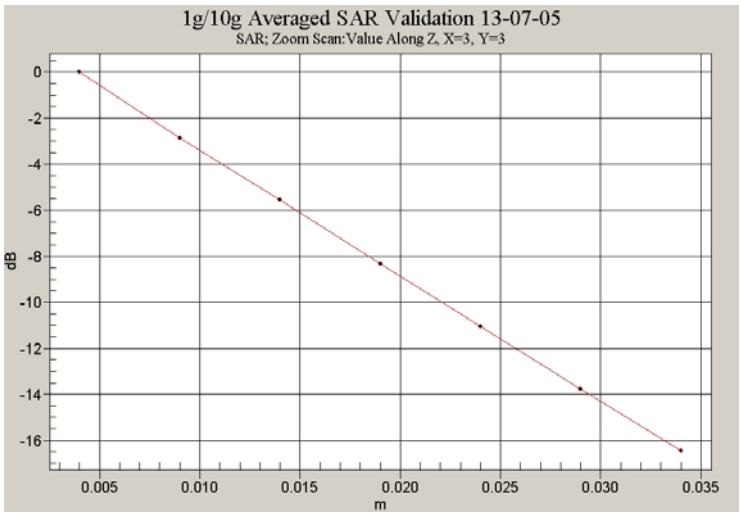
Z-Axis scan for plot 16



Z-Axis scan for plot 17



Z-Axis scan for plot 18



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