

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: $\sigma = 1.81256$; mho/m, $\epsilon_r = 40.644$; $\rho = 1000$ kg/m³

- 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

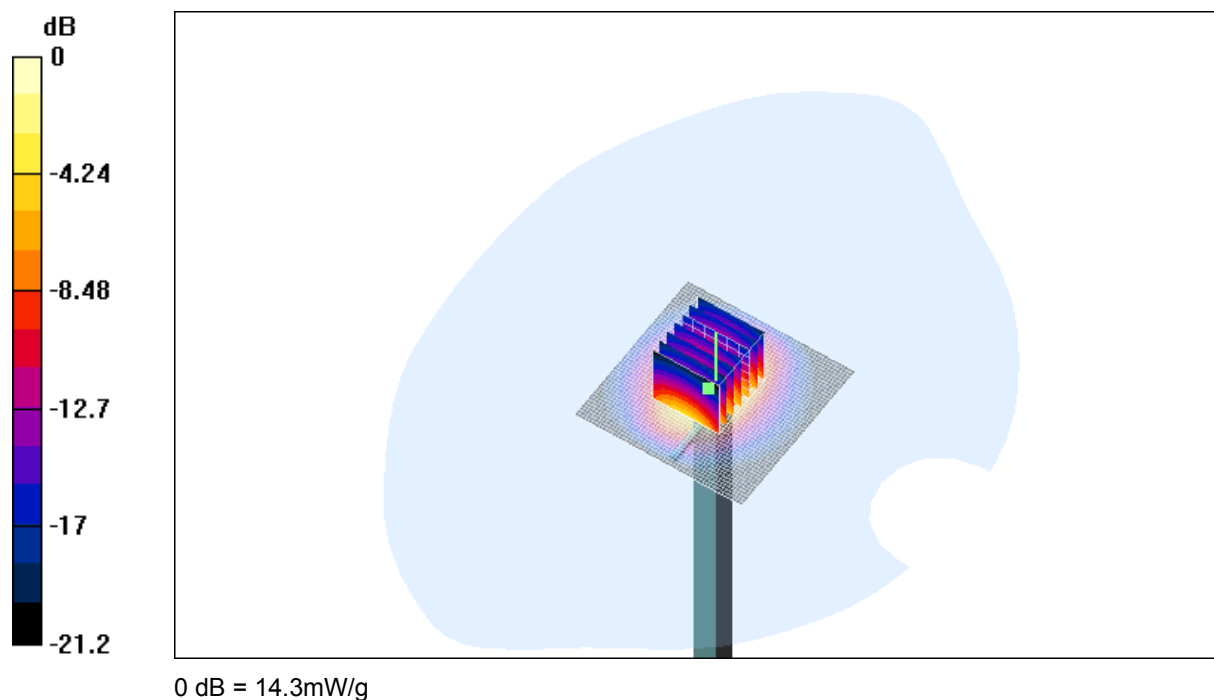
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



SAR MEASUREMENT PLOT 16

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
19.8 Degrees Celsius
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: $\sigma = 1.83984$; mho/m, $\epsilon_r = 40.284$; $\rho = 1000$ kg/m³

- 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

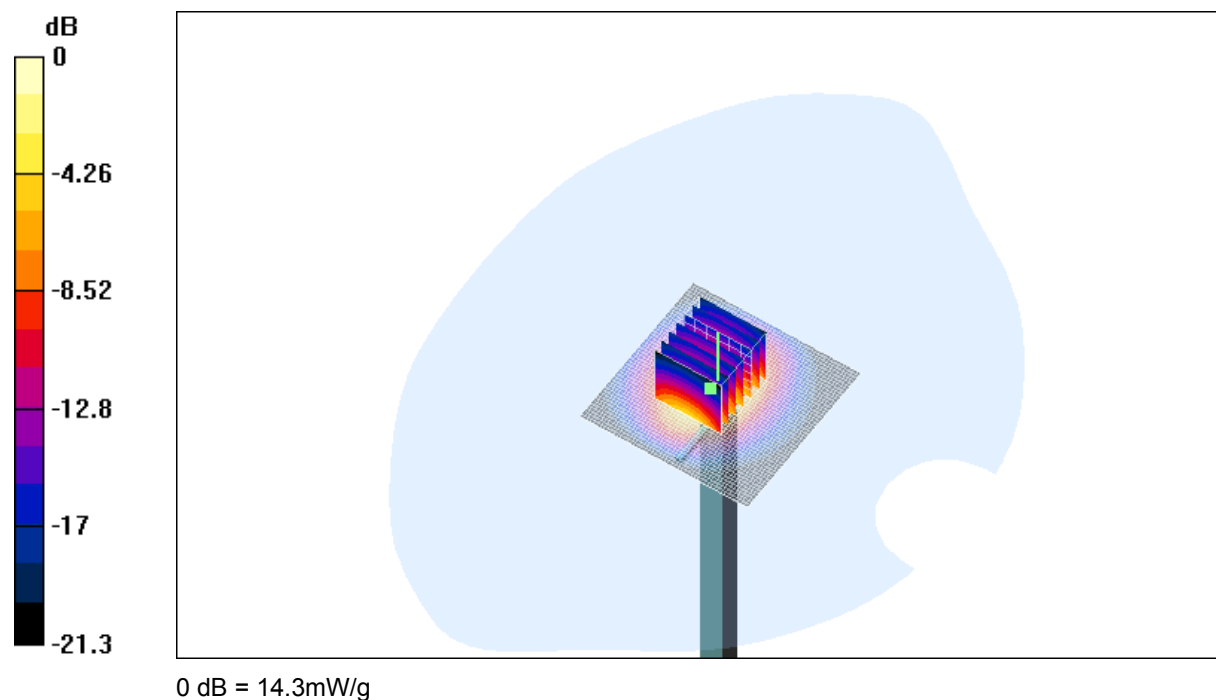
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



SAR MEASUREMENT PLOT 17

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
19.4 Degrees Celsius
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: $\sigma = 1.83524$; mho/m, $\epsilon_r = 39.6641$; $\rho = 1000 \text{ kg/m}^3$

- 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

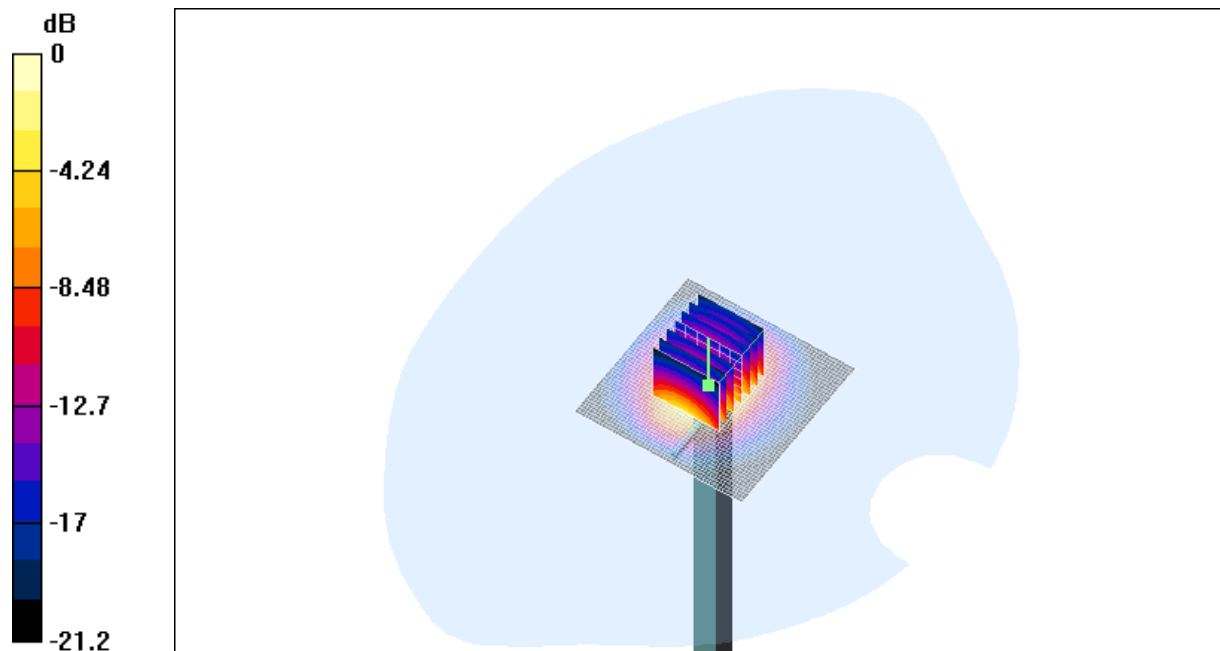
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

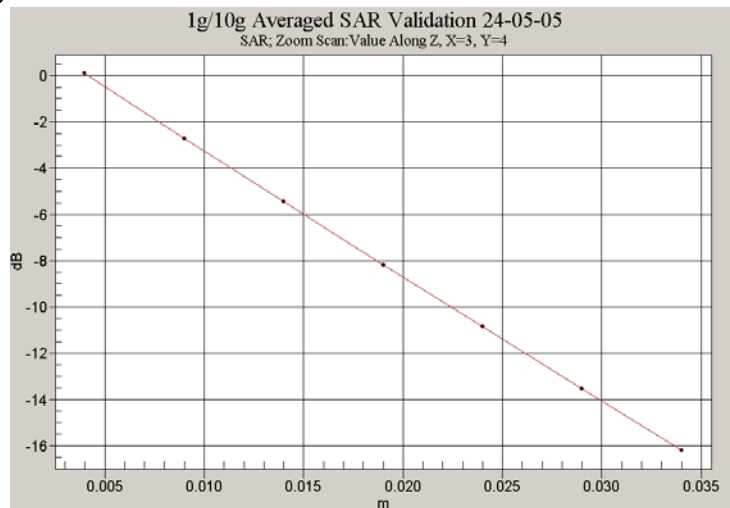


SAR MEASUREMENT PLOT 18

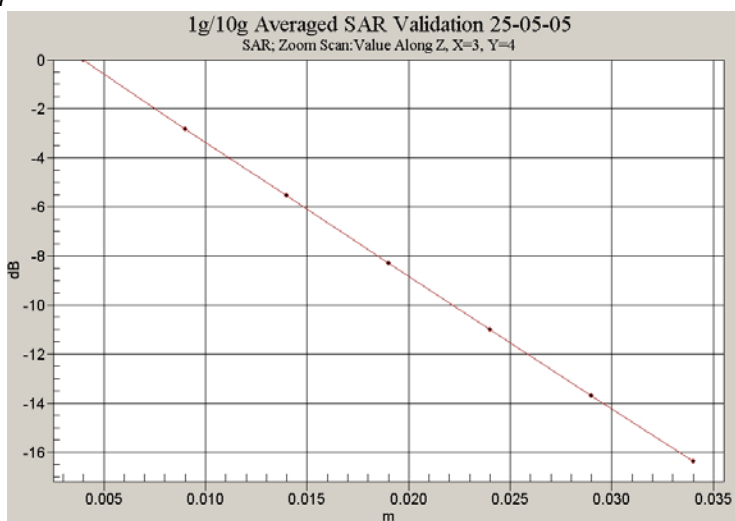
Ambient Temperature
Liquid Temperature
Humidity

20.7 Degrees Celsius
19.9 Degrees Celsius
43.0 %

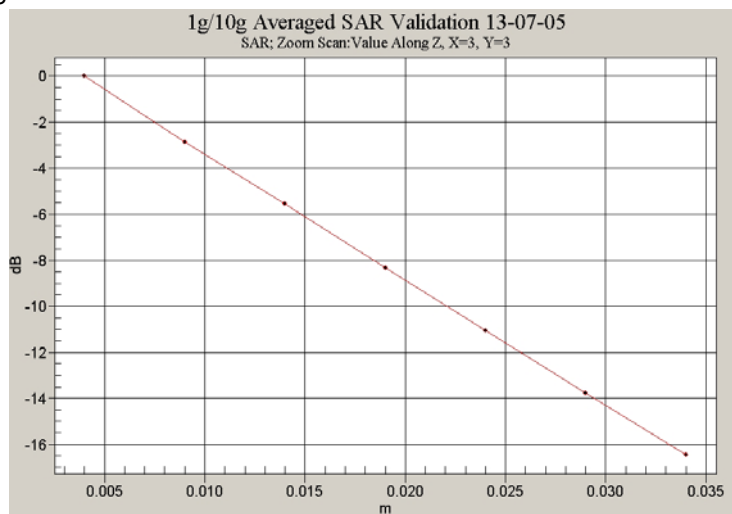
Z-Axis scan for plot 16



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 |