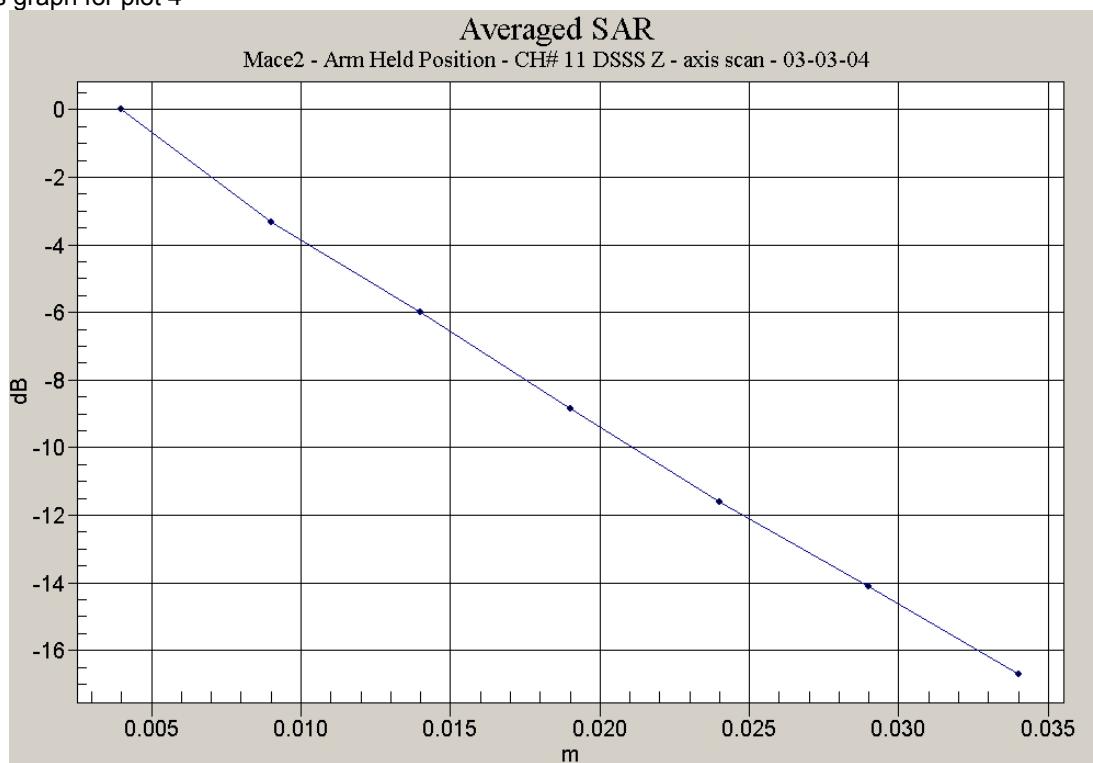


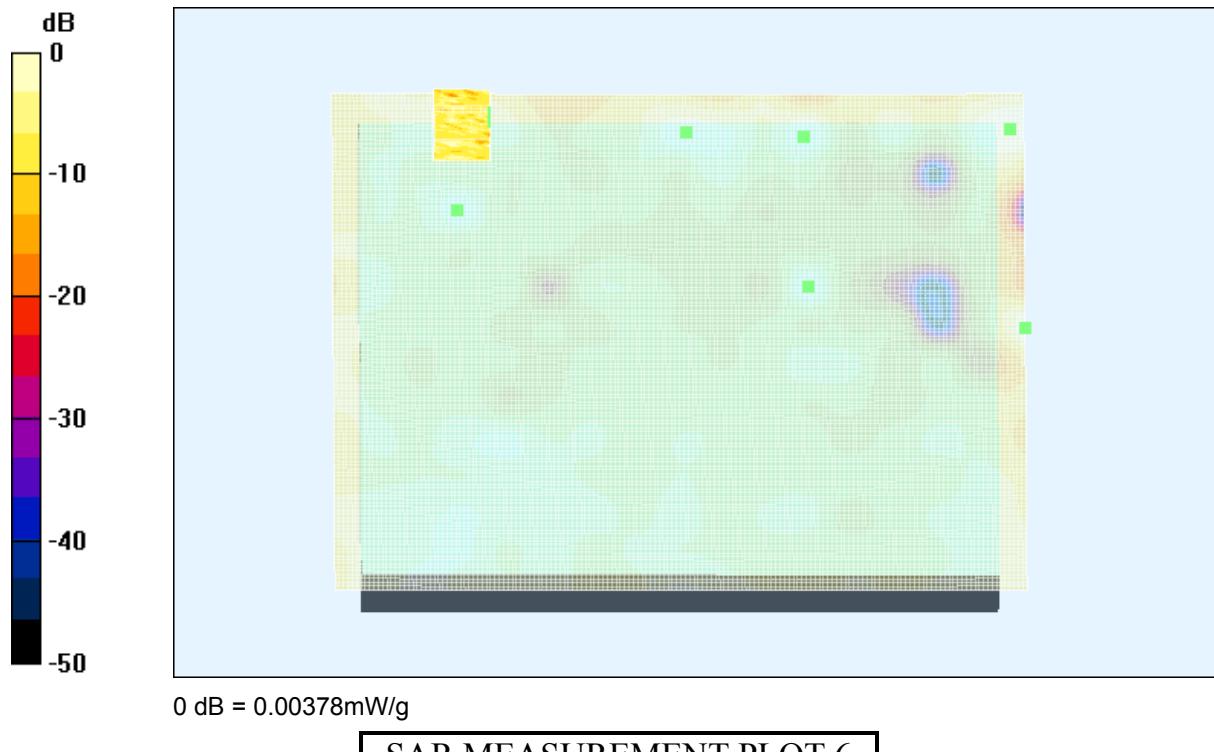
Z-axis graph for plot 4



Test Date: 18 February 2004

File Name: [Tablet DSSS 2.45 GHz Mace 2 Calexico 11bg Antenna AUX Prescan 18-02-04.da4](#)

DUT: Fujitsu Tablet MACE/MACE2 with Calexico 11bg Module; Type: WM3B2200BG; Serial: 00561E463ADC55373203



Ambient Temperature

21.9 Degrees Celsius

Liquid Temperature

20.1 Degrees Celsius

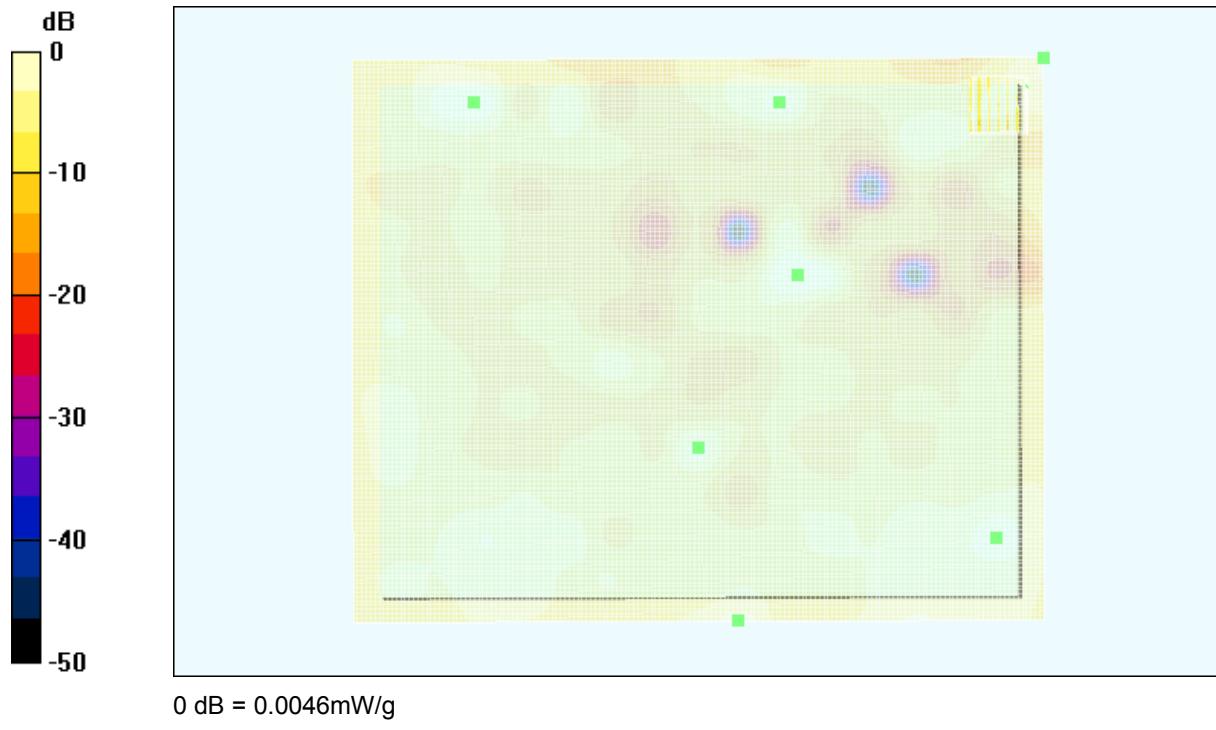
Humidity

56 %

Test Date: 17 February 2004

File Name: [Tablet DSSS 2.45 GHz Mace 2 Calexico 11bg Antenna MAIN Prescan 17-02-04.da4](#)

DUT: Fujitsu Tablet MACE/MACE2 with Calexico 11bg Module; Type: WM3B2200BG; Serial: 00561E463ADC55373203



Ambient Temperature  
Liquid Temperature  
Humidity

21.7 Degrees Celsius  
20.1 Degrees Celsius  
61 %

Test Date: 03 March 2004

File Name: [Arm Held OFDM 2.45 GHz Mace 2 Calexico 11bg Antenna MAIN 03-03-04 #2.da4](#)

DUT: Fujitsu Tablet MACE/MACE2 with Calexico 11bg Module; Type: WM3B2200BG; Serial: 00561E463ADC55373203

\* Communication System: OFDM 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1

\* Medium: Body 2450 MHz; ( $\sigma = 1.96053 \text{ mho/m}$ ,  $\epsilon_r = 53.2821$ ,  $\rho = 1000 \text{ kg/m}^3$ )

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.5, 4.5, 4.5)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 06 Test/Area Scan (61x81x1):** Measurement grid: dx=20mm, dy=20mm

Reference Value = 7.16 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.098 mW/g

**Channel 06 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

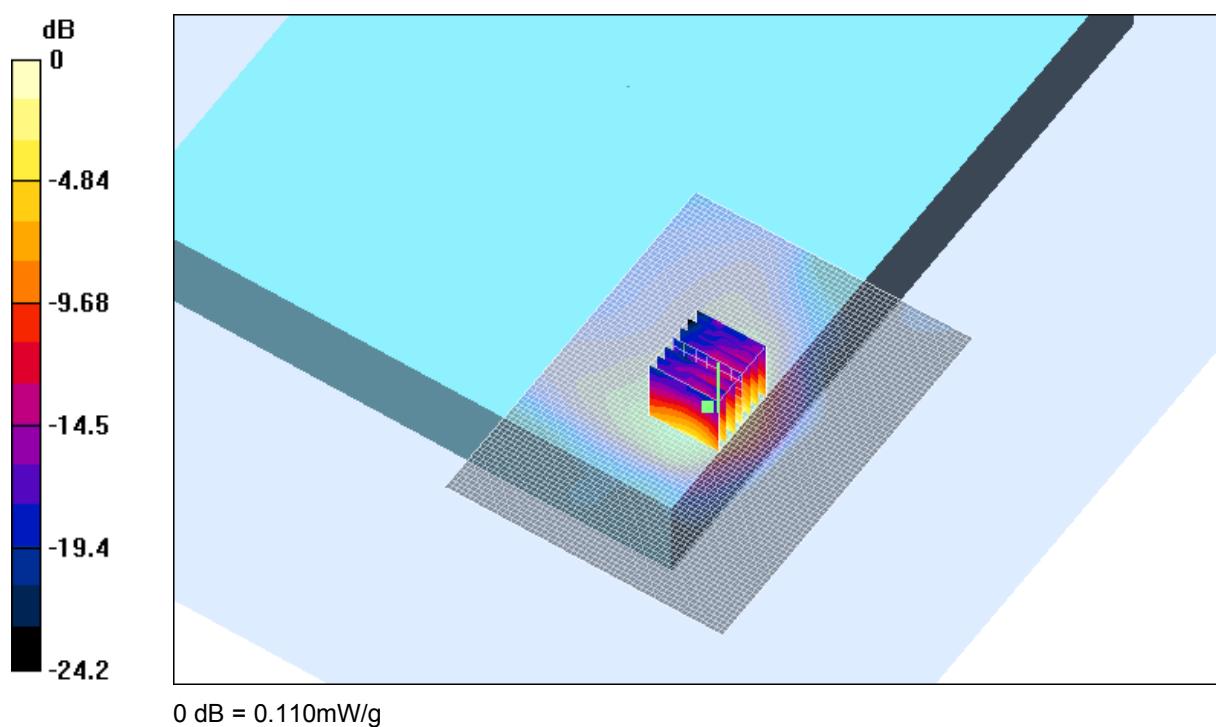
Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.041 mW/g

Reference Value = 7.16 V/m

Power Drift = -0.2 dB

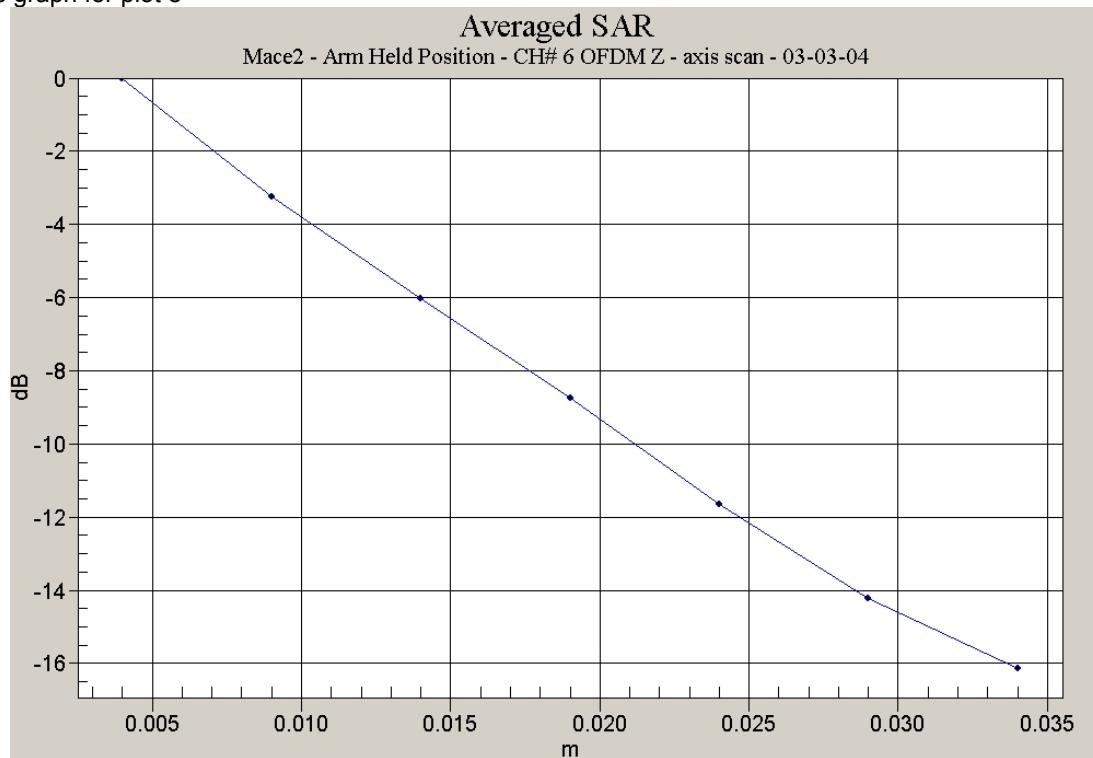
Maximum value of SAR = 0.110 mW/g



Ambient Temperature  
Liquid Temperature  
Humidity

21.5 Degrees Celsius  
19.8 Degrees Celsius  
63 %

Z-axis graph for plot 8



**Test Date: 17 February 2004**

File Name: [Validation 2450 MHz \(DAE442 Probe1380\) 17-02-04.da4](#)

DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

\* Communication System: CW 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1

\* Medium: Head 2450 MHz; ( $\sigma = 1.8399 \text{ mho/m}$ ,  $\epsilon_r = 39.5529$ ,  $\rho = 1000 \text{ kg/m}^3$ )

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.8, 4.8, 4.8)

- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

**Channel 1 Test/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 95.6 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 14.9 mW/g

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

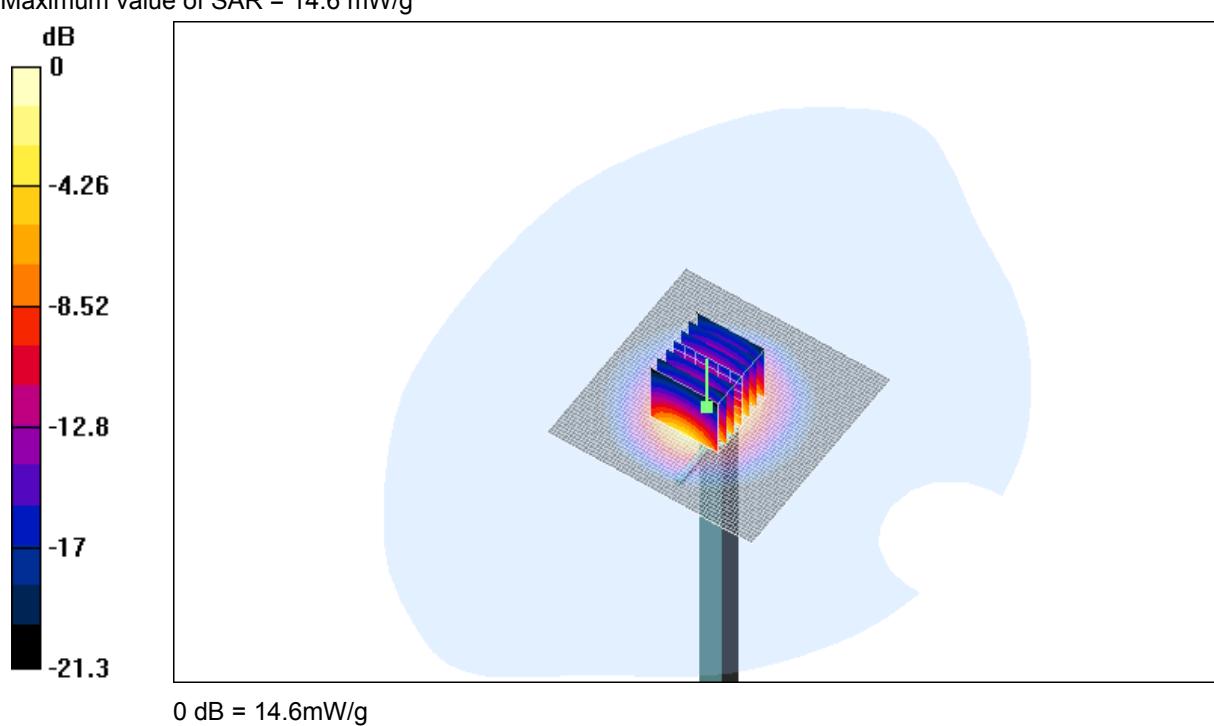
Peak SAR (extrapolated) = 26.4 W/kg

SAR(1 g) = 12.8 mW/g; SAR(10 g) = 6.06 mW/g

Reference Value = 95.6 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 14.6 mW/g



Ambient Temperature

21.7 Degrees Celsius

Liquid Temperature

20.1 Degrees Celsius

Humidity

61 %

**Test Date: 18 February 2004**

File Name: [Validation 2450 MHz \(DAE442 Probe1380\) 18-02-04 #2.da4](#)

DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

\* Communication System: CW 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1

\* Medium: Head 2450 MHz; ( $\sigma = 1.82667 \text{ mho/m}$ ,  $\epsilon_r = 39.4312$ ,  $\rho = 1000 \text{ kg/m}^3$ )

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.8, 4.8, 4.8)

- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

**Channel 1 Test/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 93.6 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 15.2 mW/g

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

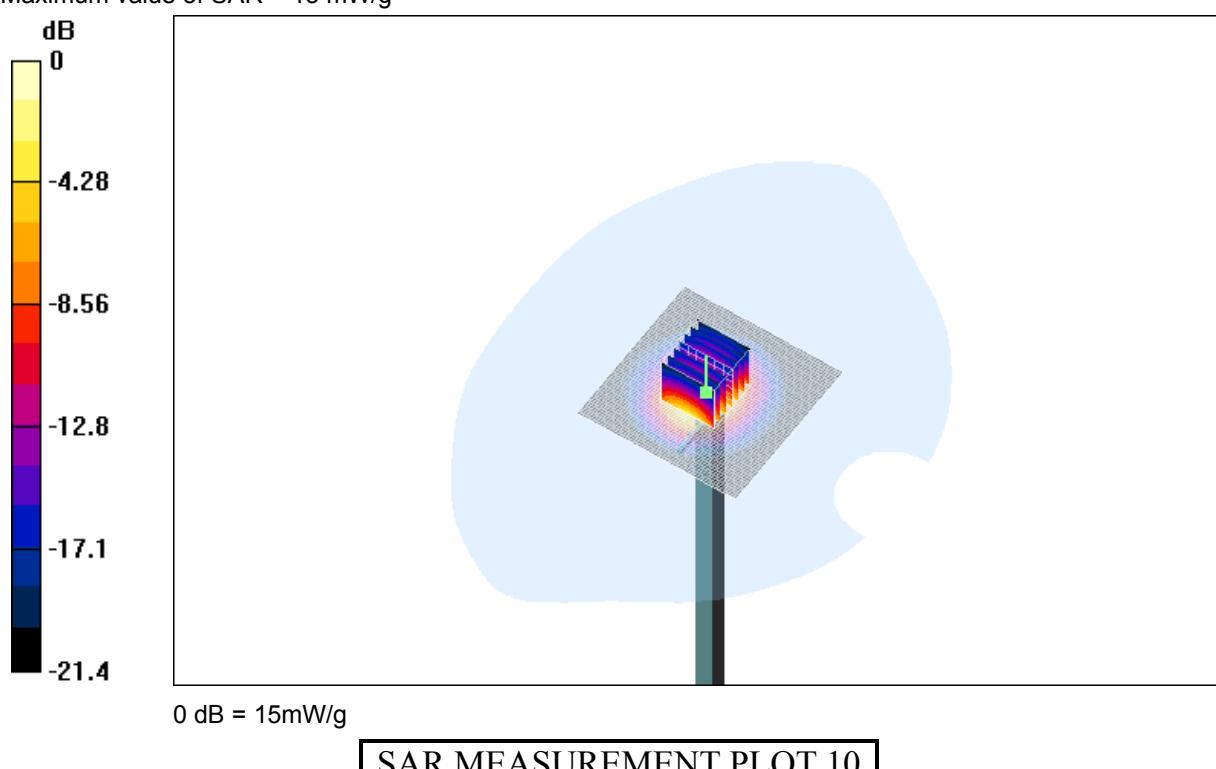
Peak SAR (extrapolated) = 26.5 W/kg

SAR(1 g) = 13.1 mW/g; SAR(10 g) = 6.21 mW/g

Reference Value = 93.6 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 15 mW/g



Ambient Temperature

21.9 Degrees Celsius

Liquid Temperature

20.1 Degrees Celsius

Humidity

56 %

**Test Date: 03 March 2004**

File Name: [Validation 2450 MHz \(DAE442 Probe1380\) 03-03-04.da4](#)

DUT: Dipole 2450 MHz; Type: DV2450V2; Serial: 724

\* Communication System: CW 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1

\* Medium: Head 2450 MHz; ( $\sigma = 1.8475 \text{ mho/m}$ ,  $\epsilon_r = 39.912$ ,  $\rho = 1000 \text{ kg/m}^3$ )

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.8, 4.8, 4.8)

- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

**Channel 1 Test/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 94.6 V/m

Power Drift = -0.004 dB

Maximum value of SAR = 15.6 mW/g

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

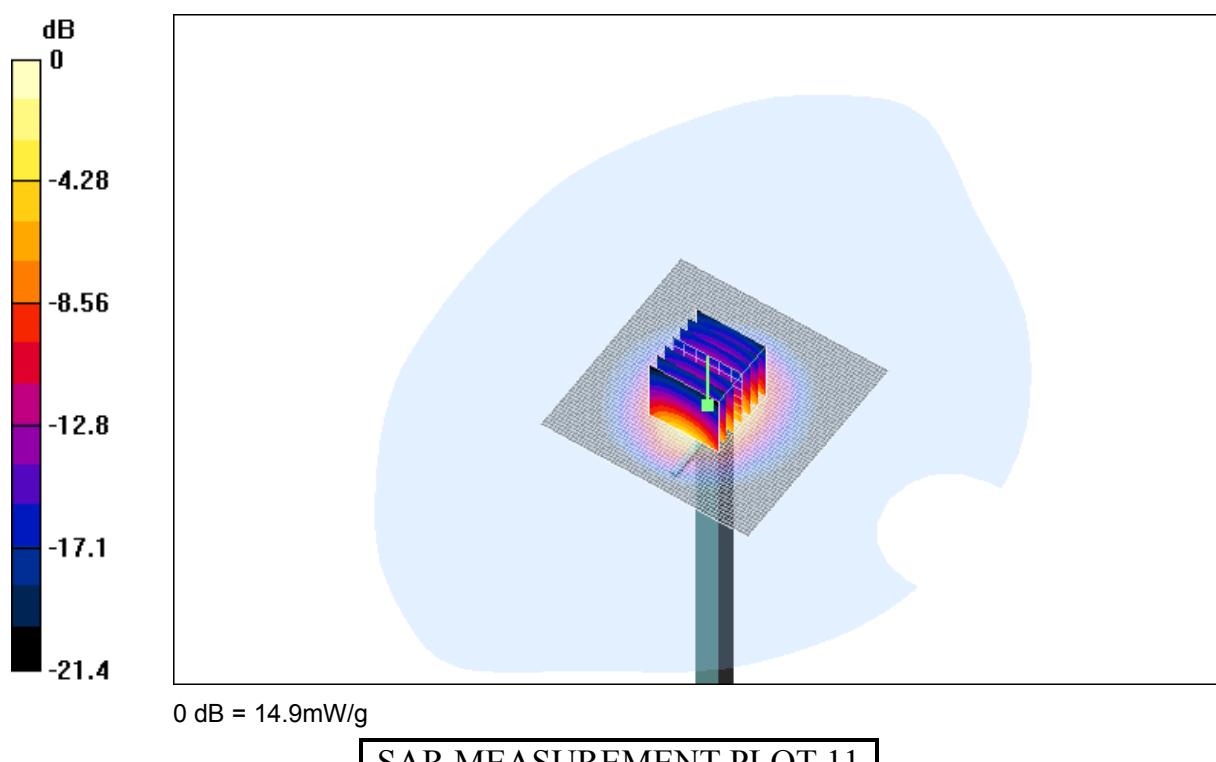
Peak SAR (extrapolated) = 27.3 W/kg

SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6.29 mW/g

Reference Value = 94.6 V/m

Power Drift = -0.004 dB

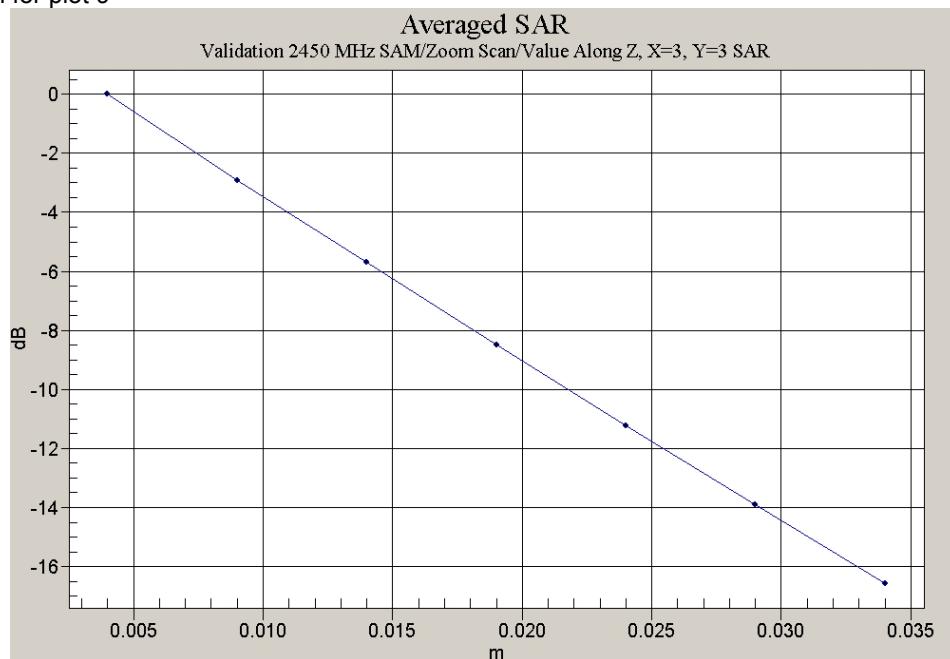
Maximum value of SAR = 14.9 mW/g



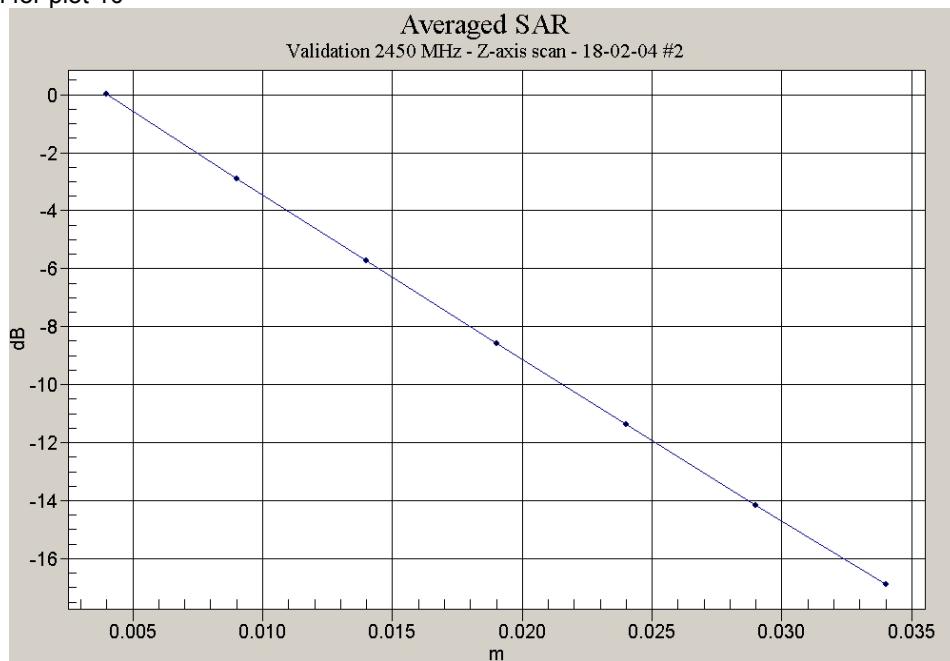
Ambient Temperature  
Liquid Temperature  
Humidity

21.5 Degrees Celsius  
19.8 Degrees Celsius  
63 %

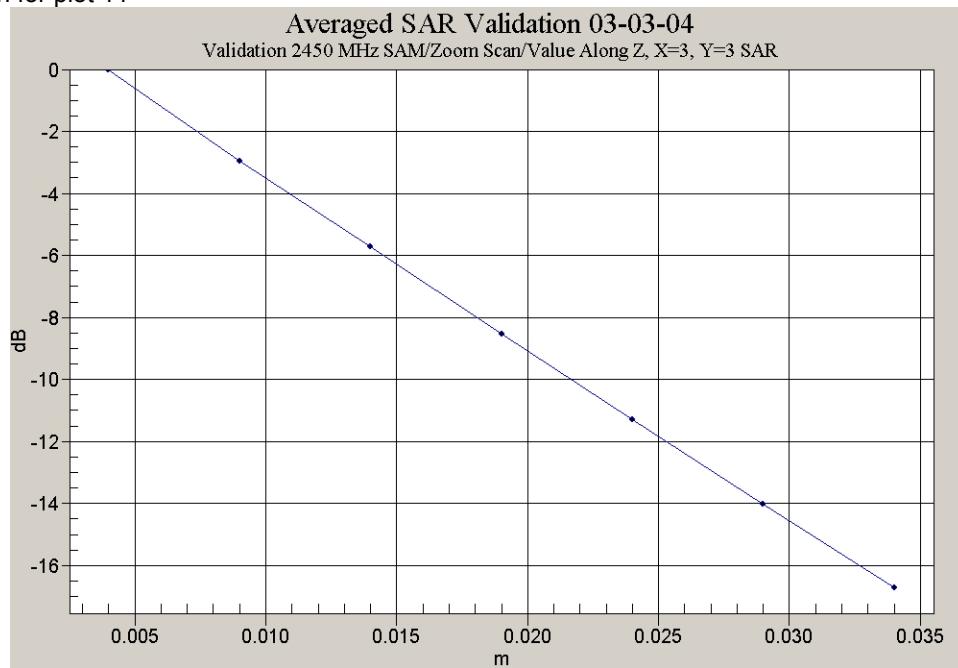
Z-axis graph for plot 9



Z-axis graph for plot 10



Z-axis graph for plot 11



**APPENDIX C**  
**SAR TESTING EQUIPMENT CALIBRATION CERTIFICATE ATTACHMENTS**

**Calibration Certificate Attachments**

1. 2450 MHz Dipole Calibration Sheet	6 Pages
2. 2450 MHz E-Field Probe Calibration Sheet	4 Pages
3. Dielectric Properties of Flat phantom PL550 Phantom	1 Page