

Test Date: 16 October 2006

File Name: [Notebook DSSS 2.45 GHz Antenna Aux Bluetooth On 16-10-06.da4](#)

DUT: Fujitsu Notebook Mistletoe with 11abg Module; Type: Golan; Serial: 013FA5425CVD26533002

* Communication System: DSSS 2450 MHz; Frequency: 2412 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.94635$ mho/m, $\epsilon_r = 51.8839$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)

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

Channel 01 Test/Area Scan (101x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.196 mW/g

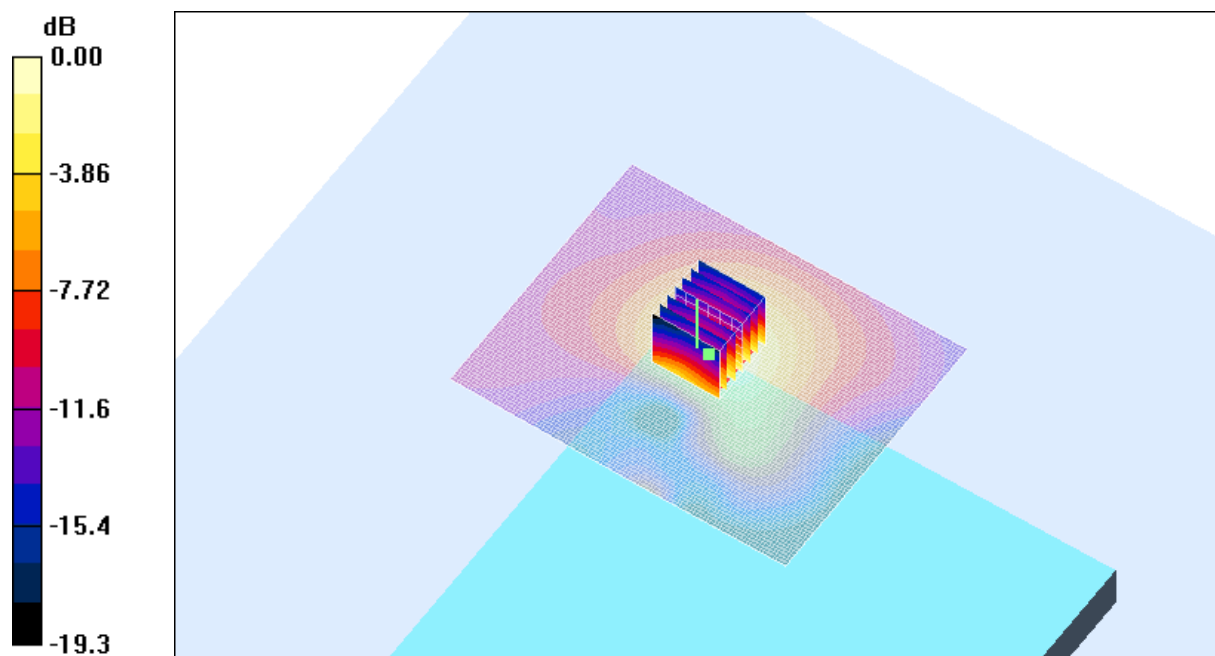
Channel 01 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.83 V/m; Power Drift = 0.190 dB

Peak SAR (extrapolated) = 0.346 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.206 mW/g



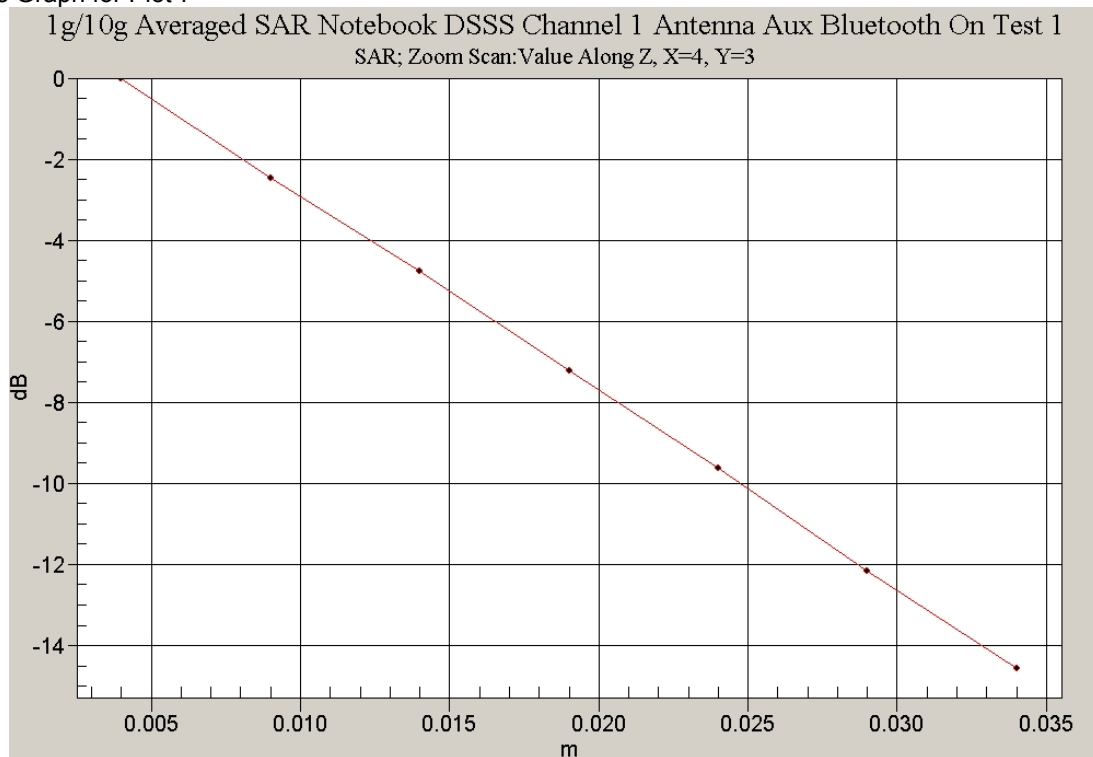
0 dB = 0.206mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature
Liquid Temperature
Humidity

19.8 Degrees Celsius
19.2 Degrees Celsius
34.0 %

Z-Axis Graph for Plot 7



Test Date: 13 October 2006

File Name: [Notebook OFDM 2.45 GHz Antenna Aux Bluetooth Off 13-10-06.da4](#)

DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

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

* Medium parameters used: $\sigma = 1.92821$ mho/m, $\epsilon_r = 52.1253$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)

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

Channel 06 Test/Area Scan (101x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.065 mW/g

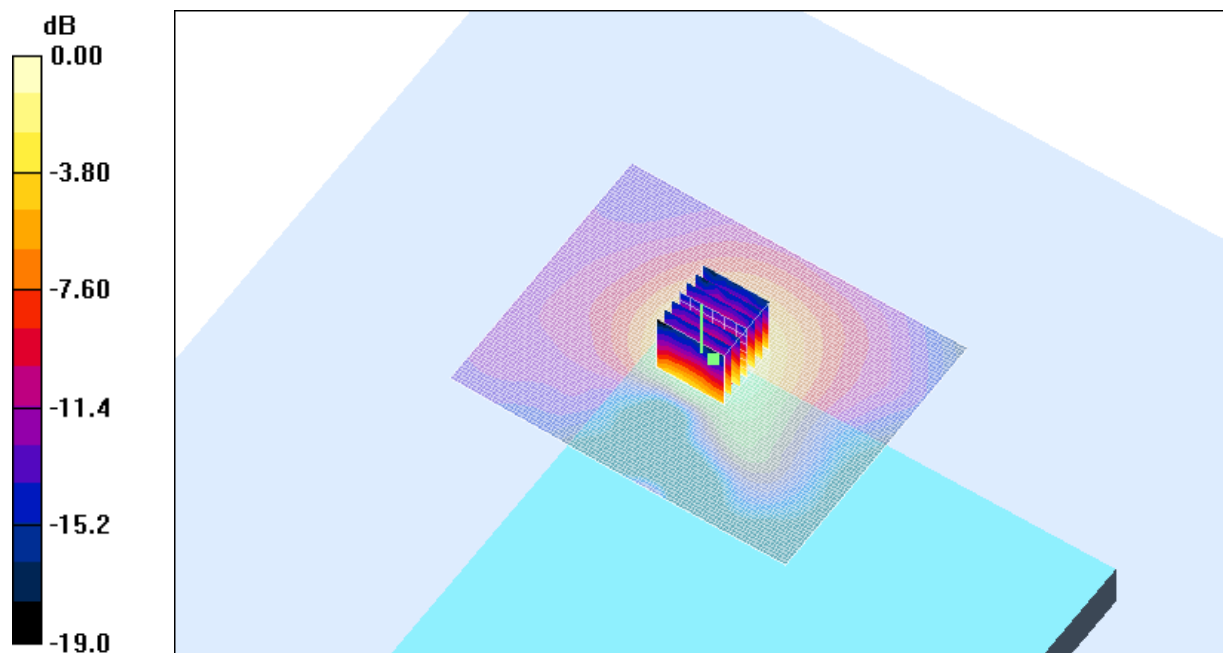
Channel 06 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.36 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.068 mW/g



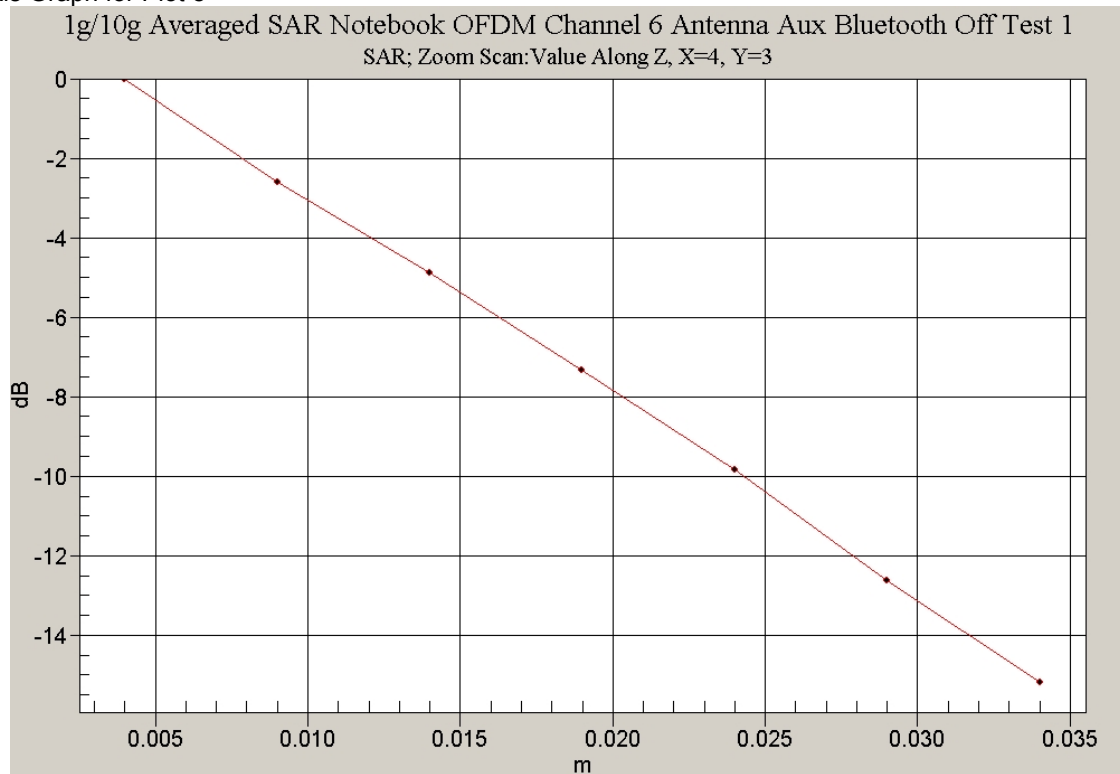
0 dB = 0.068mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature
Liquid Temperature
Humidity

21.1 Degrees Celsius
20.8 Degrees Celsius
45.0 %

Z-Axis Graph for Plot 8



Test Date: 13 October 2006

File Name: [Validation 2450 MHz \(DAE359 Probe1377\) 13-10-06.da4](#)

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

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

* Medium parameters used: $\sigma = 1.73979$ mho/m, $\epsilon_r = 40.0776$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(4.49, 4.49, 4.49)

- 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) = 19.2 mW/g

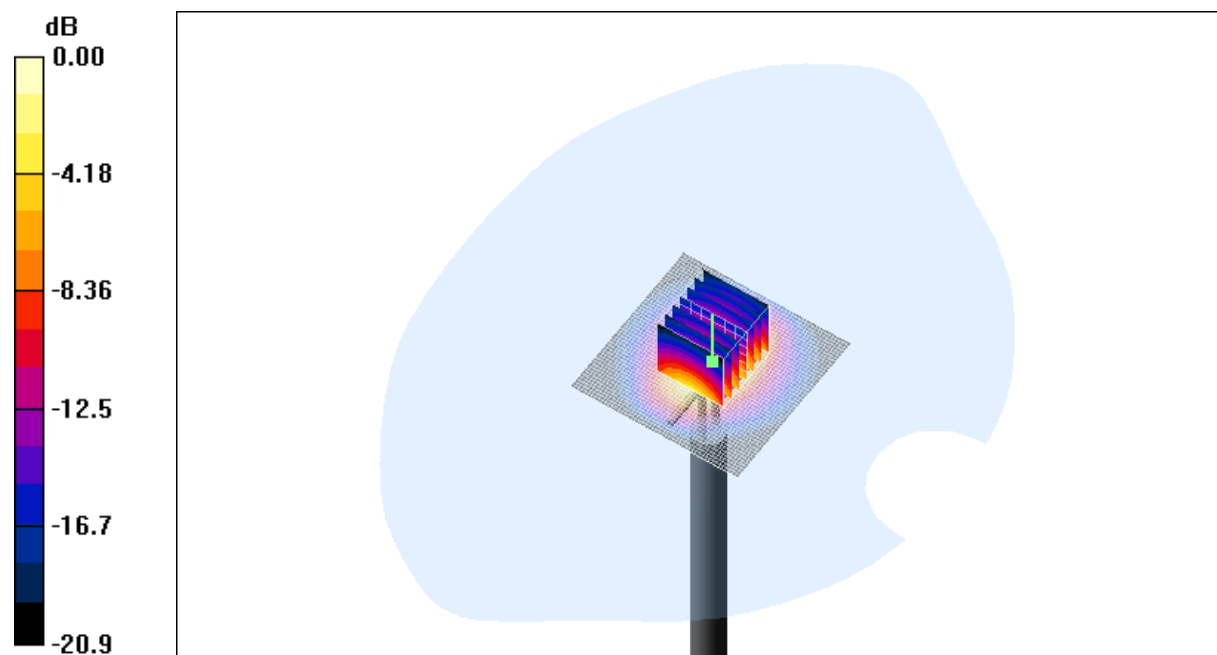
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.8 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 28.8 W/kg

SAR(1 g) = 13.4 mW/g; SAR(10 g) = 6.29 mW/g

Maximum value of SAR (measured) = 15.0 mW/g



0 dB = 15.0mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature

21.1 Degrees Celsius

Liquid Temperature

20.8 Degrees Celsius

Humidity

45.0 %

Test Date: 16 October 2006

File Name: [Validation 2450 MHz \(DAE359 Probe1377\) 16-10-06.da4](#)

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

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

* Medium parameters used: $\sigma = 1.82992$ mho/m, $\epsilon_r = 39.8845$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(4.49, 4.49, 4.49)

- 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) = 18.6 mW/g

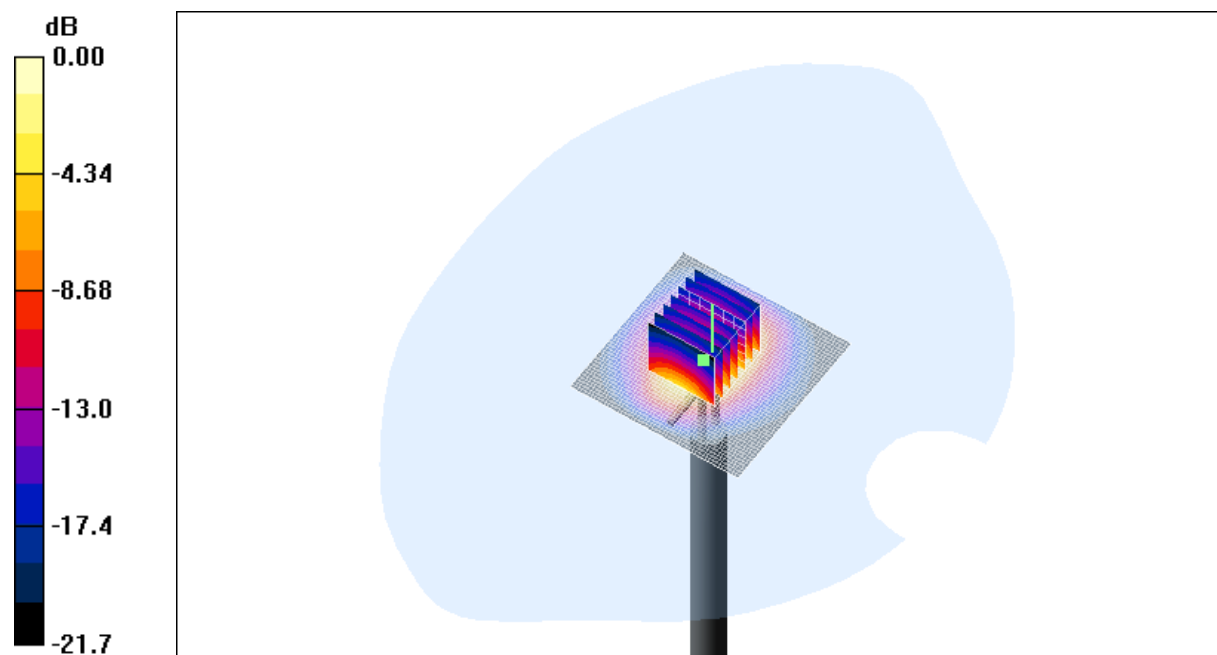
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.6 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 30.1 W/kg

SAR(1 g) = 14 mW/g; SAR(10 g) = 6.59 mW/g

Maximum value of SAR (measured) = 15.4 mW/g



0 dB = 15.4mW/g

SAR MEASUREMENT PLOT 10

Ambient Temperature

19.8 Degrees Celsius

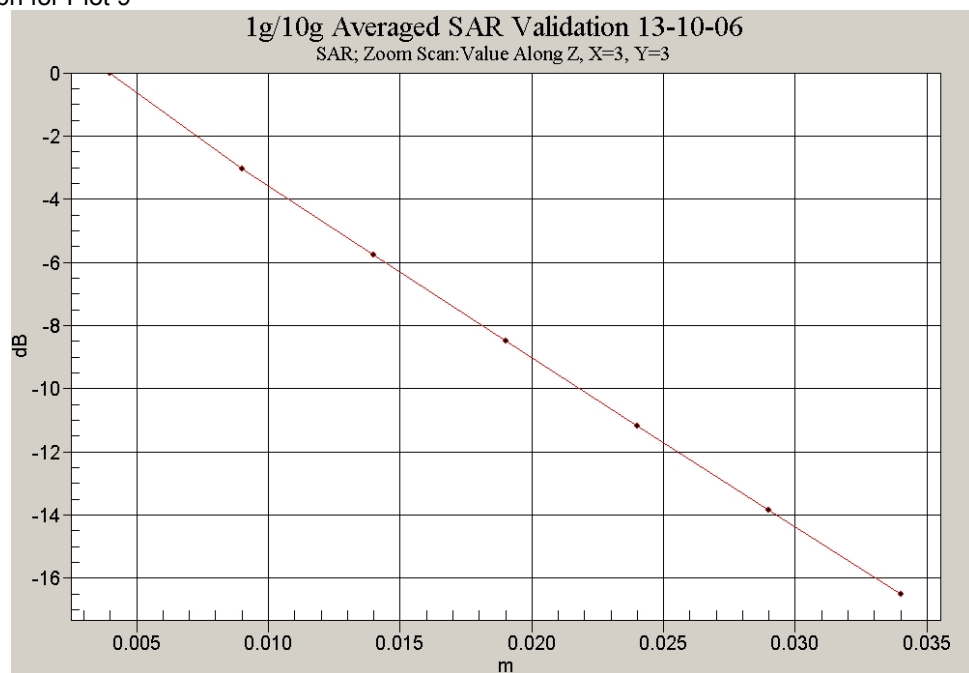
Liquid Temperature

19.2 Degrees Celsius

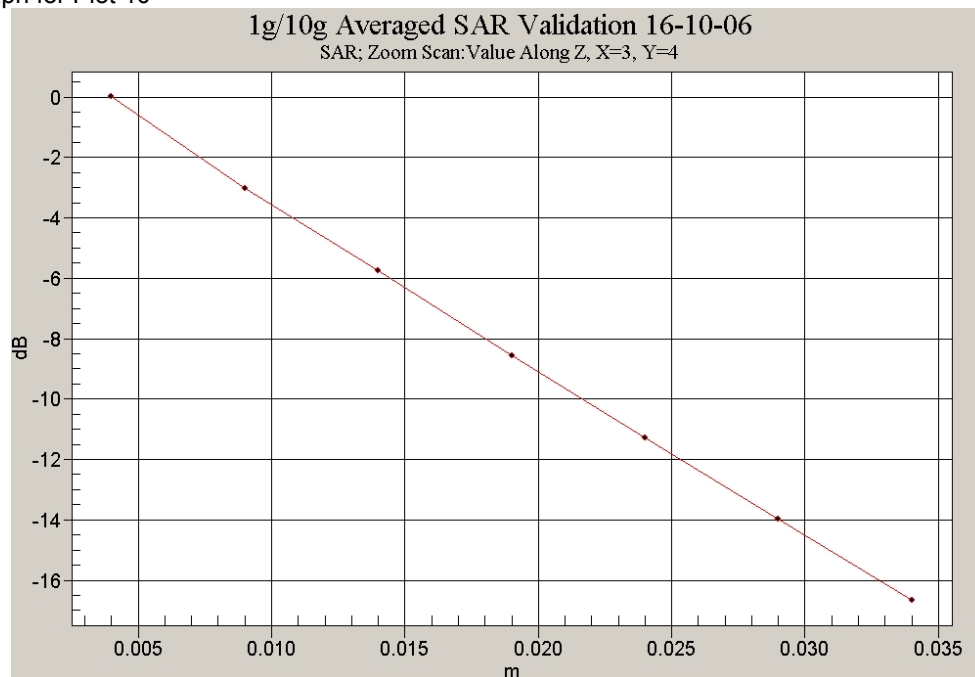
Humidity

34.0 %

Z-Axis Graph for Plot 9



Z-Axis Graph for Plot 10



APPENDIX C

SAR TESTING EQUIPMENT CALIBRATION CERTIFICATE ATTACHMENTS

Calibration Certificate Attachments

1. 2450MHz E-Field Probe Calibration Sheet
2. 2.5GHz Dipole Calibration Sheet