

Test Date: 26 August 2006

File Name: [Edge On OFDM 5.2 GHz Ant Main Bluetooth Off 26-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

* Communication System: OFDM 5250 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.24705$ mho/m, $\epsilon_r = 46.6769$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 036 Test/Area Scan (121x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.708 mW/g

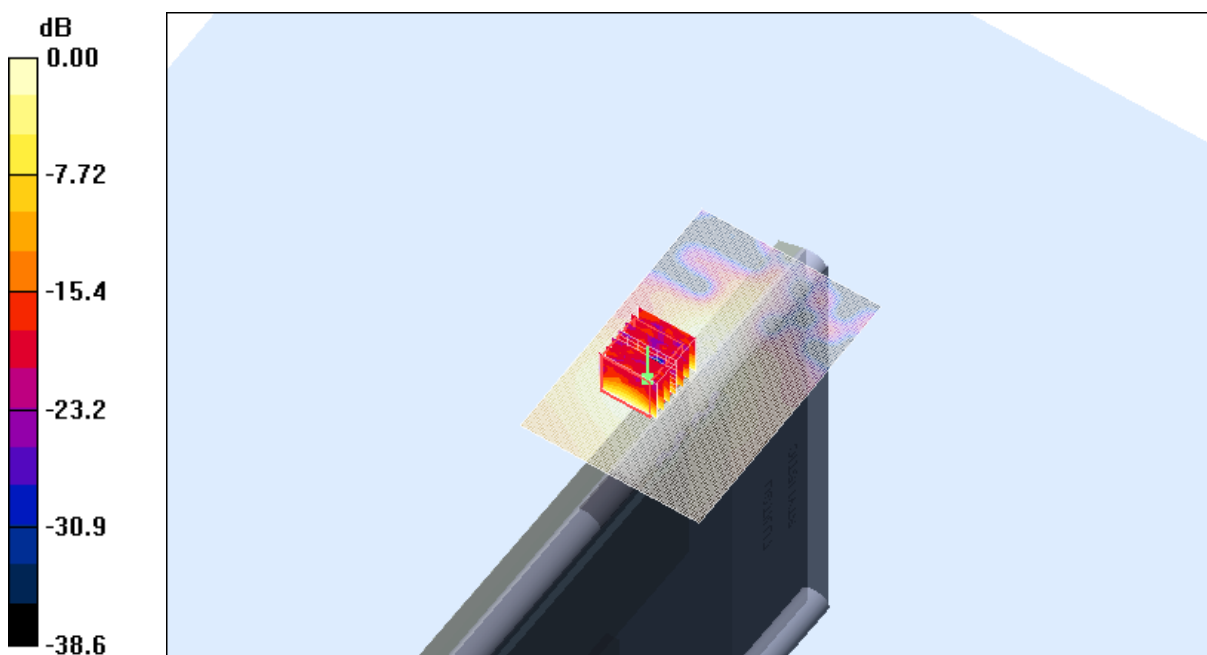
Channel 036 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.36 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.652 mW/g



0 dB = 0.652mW/g

SAR MEASUREMENT PLOT 10

Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
20.1 Degrees Celsius
40.0 %

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DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

* Communication System: OFDM 5250 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.42628$ mho/m, $\epsilon_r = 46.4873$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 052 Test/Area Scan (121x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.814 mW/g

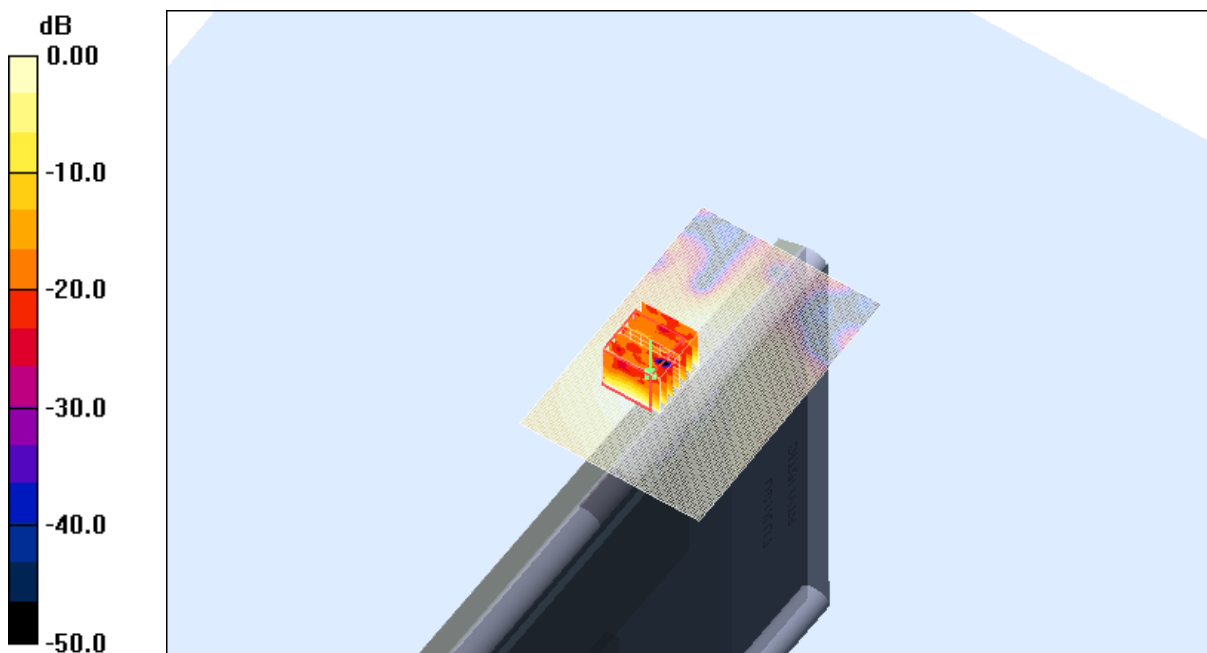
Channel 052 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.99 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.780 mW/g



0 dB = 0.780mW/g

SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
20.1 Degrees Celsius
40.0 %

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File Name: [Edge On OFDM 5.2 GHz Ant Main Bluetooth Off 26-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

* Communication System: OFDM 5250 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.53862$ mho/m, $\epsilon_r = 46.3195$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 064 Test/Area Scan (121x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.725 mW/g

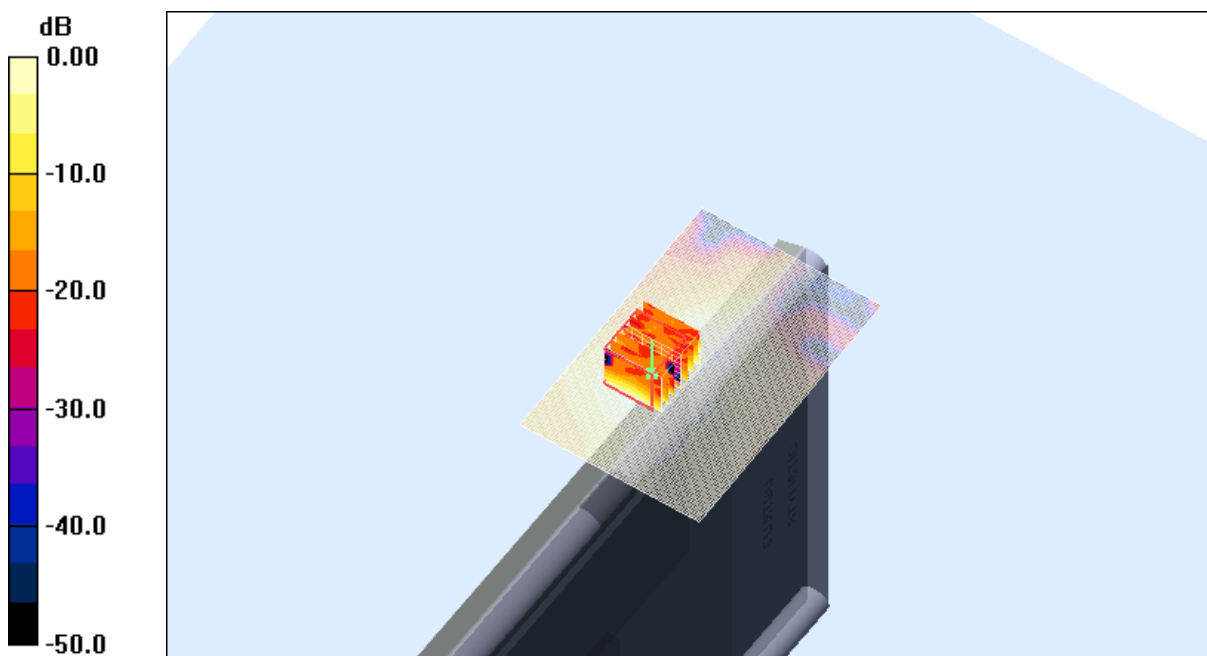
Channel 064 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.71 V/m; Power Drift = -0.198 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.723 mW/g



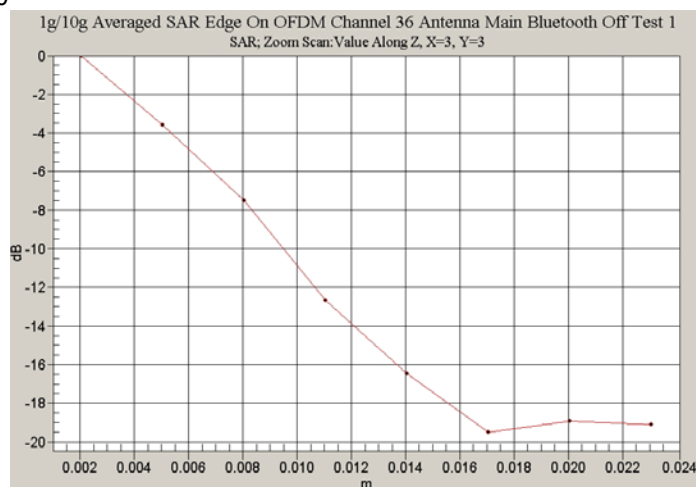
0 dB = 0.723mW/g

SAR MEASUREMENT PLOT 12

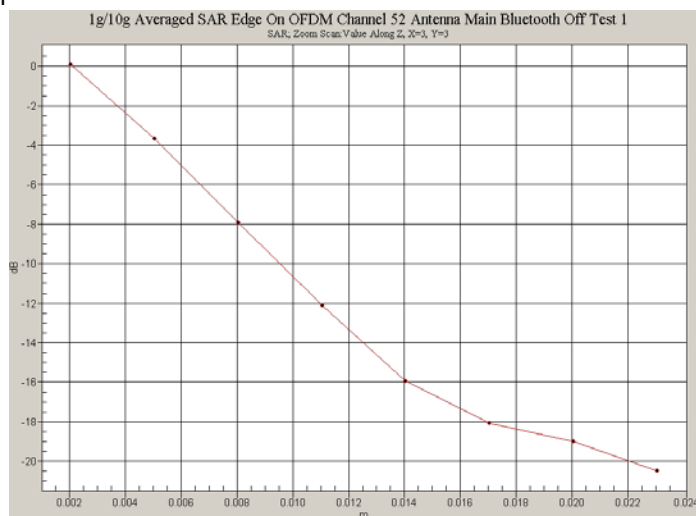
Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
20.1 Degrees Celsius
40.0 %

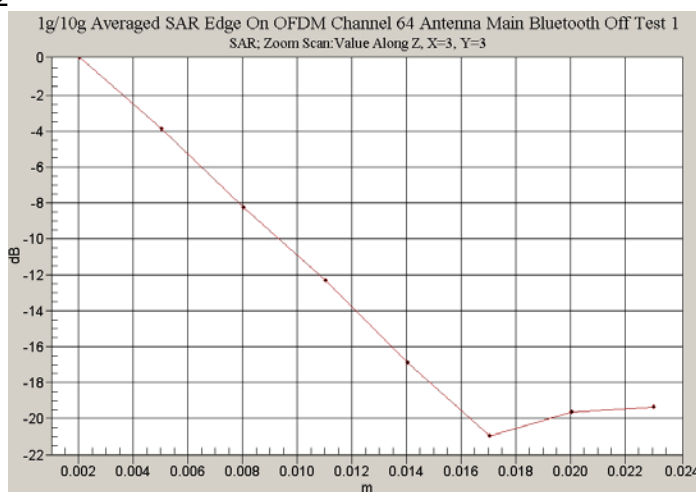
Z-Axis Graph for Plot 10



Z-Axis Graph for Plot 11



Z-Axis Graph for Plot 12



Test Date: 26 August 2006

File Name: [Edge On OFDM 5.2 GHz Antenna Aux Bluetooth On 26-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

* Communication System: OFDM 5250 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.42628$ mho/m, $\epsilon_r = 46.4873$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 052 Test/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.87 mW/g

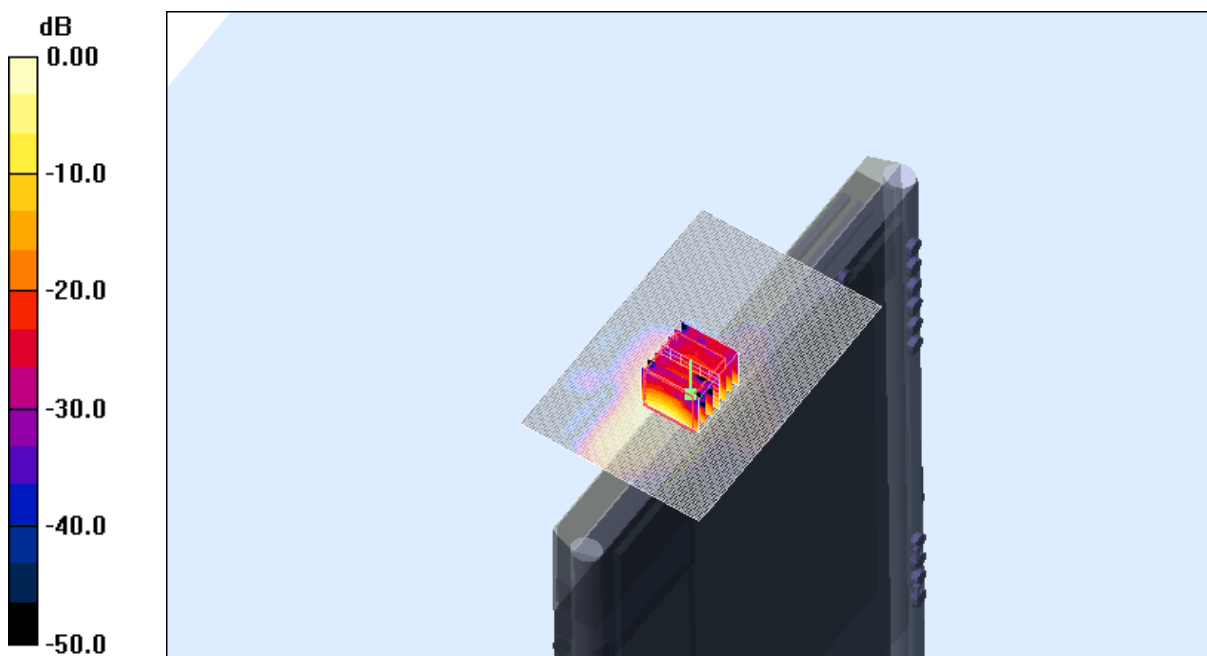
Channel 052 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 15.1 V/m; Power Drift = -0.306 dB

Peak SAR (extrapolated) = 6.12 W/kg

SAR(1 g) = 1.47 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 3.21 mW/g



0 dB = 3.21mW/g

SAR MEASUREMENT PLOT 13

Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
20.1 Degrees Celsius
40.0 %

Test Date: 26 August 2006

File Name: [Validation 5200MHz \(DAE 442 Probe EX3DV4\) 26-08-06.da4](#)

DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5200 MHz; Frequency: 5200 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 4.72043$ mho/m, $\epsilon_r = 34.7111$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.18, 4.18, 4.18)

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

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 41.3 mW/g

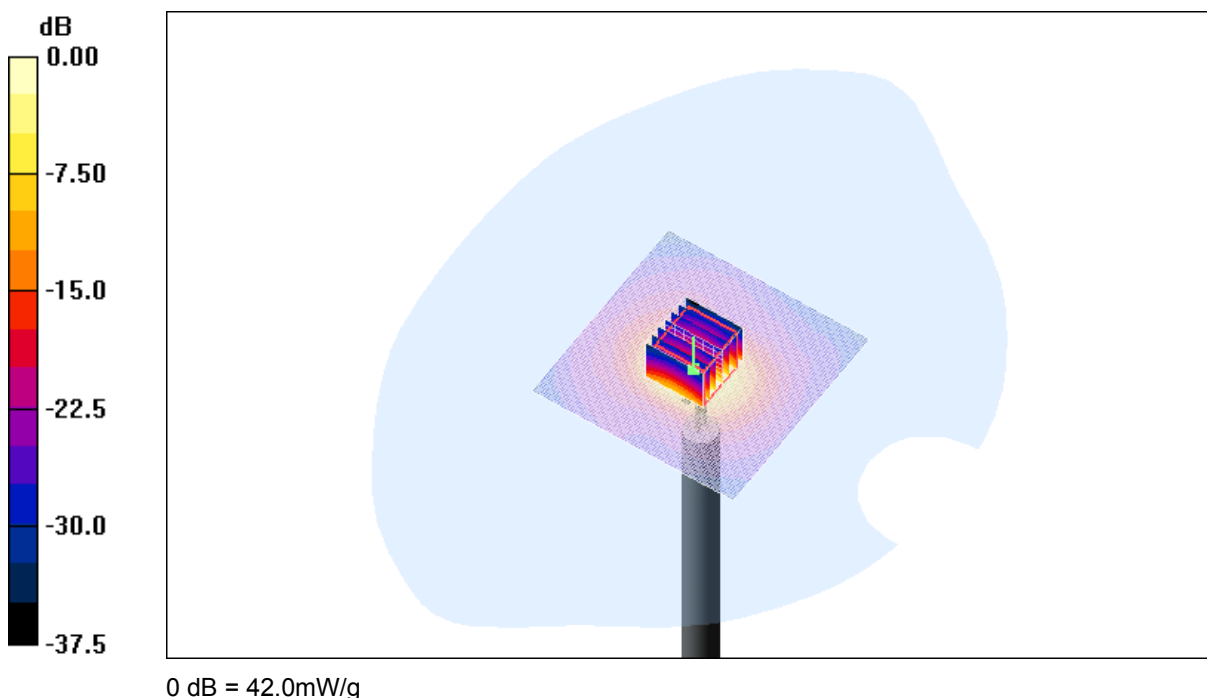
Channel 1 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 96.1 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 77.0 W/kg

SAR(1 g) = 20.1 mW/g; SAR(10 g) = 5.75 mW/g

Maximum value of SAR (measured) = 42.0 mW/g

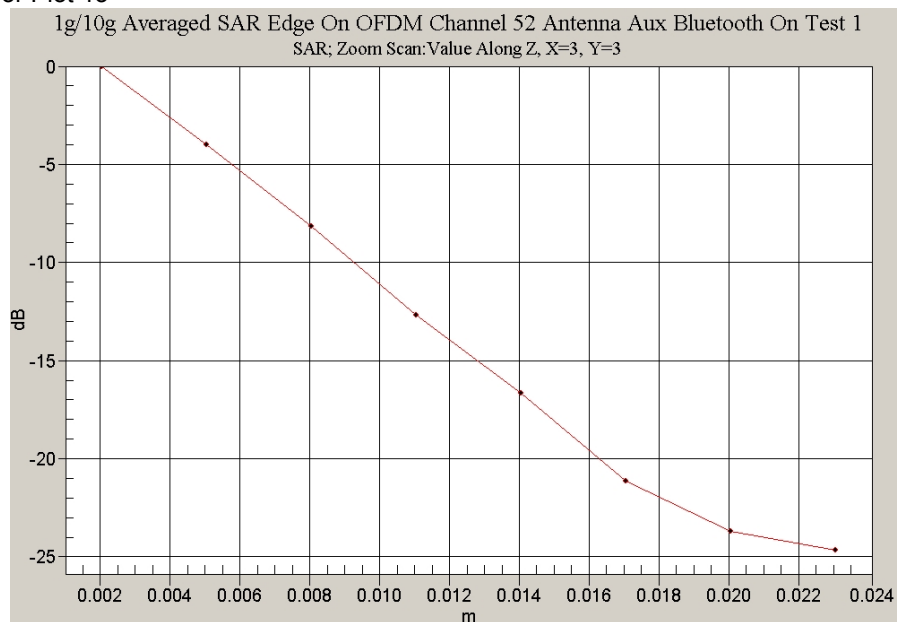


SAR MEASUREMENT PLOT 14

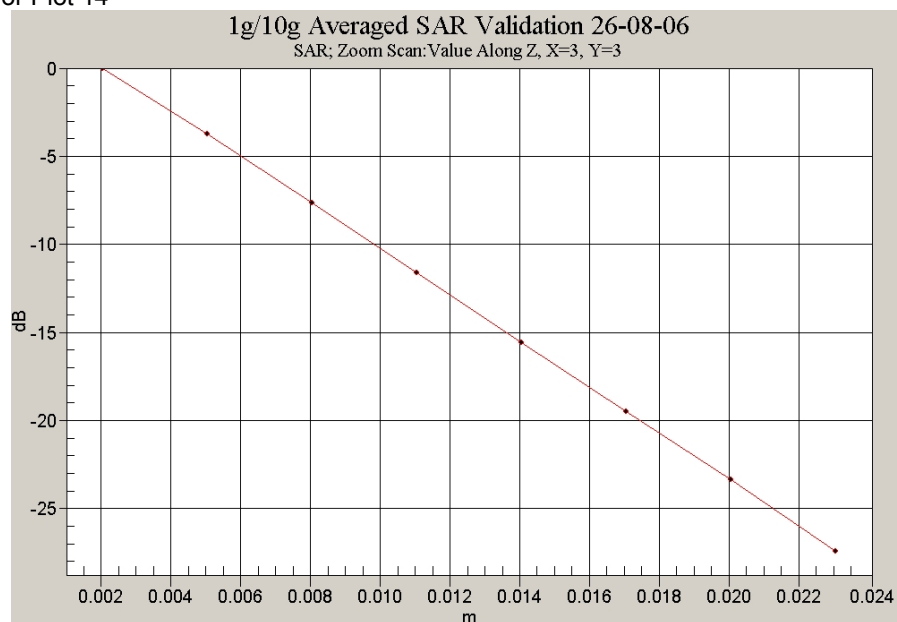
Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
20.1 Degrees Celsius
40.0 %

Z-Axis Graph for Plot 13



Z-Axis Graph for Plot 14



APPENDIX C

SAR TESTING EQUIPMENT CALIBRATION CERTIFICATE ATTACHMENTS

Calibration Certificate Attachments

1. 5800MHz E-Field Probe Calibration Sheet
2. 5GHz Dipole Calibration Sheet