

Test Date: 10 October 2003

File Name: [Arm-Held DSSS 2.45 GHz Batt 4400MAh Prescan 10-10-03.da4](#)

DUT: Fujitsu Tablet Ocampo B1 with WLAN; Type: Calexico 11b Module; Serial: No.37

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

\* Medium: Body 2450 MHz; ( $\sigma = 1.97528$  mho/m,  $\epsilon_r = 51.1944$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

- Electronics: DAE3 Sn359; 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 (141x191x1):** Measurement grid: dx=20mm, dy=20mm

Reference Value = 1.9 V/m

Power Drift = 0.5 dB

Maximum value of SAR = 0.029 mW/g

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

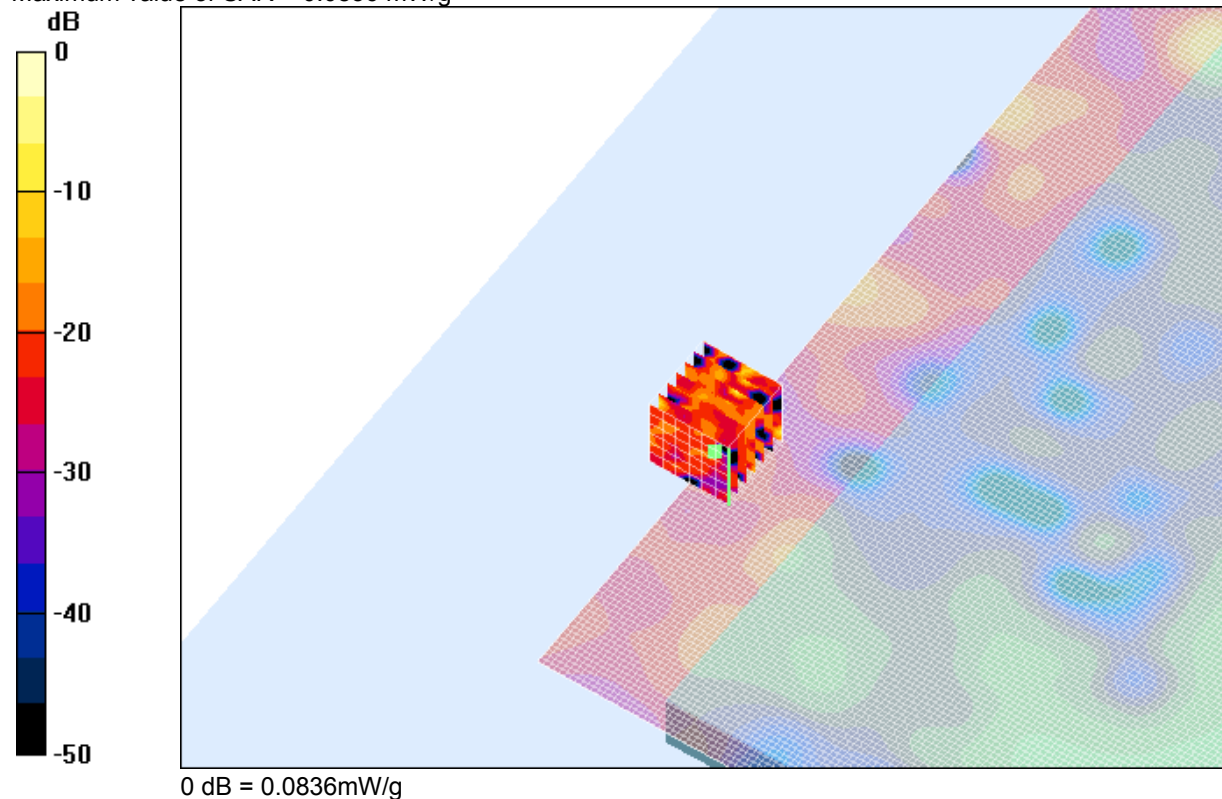
Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.00681 mW/g; SAR(10 g) = 0.00174 mW/g

Reference Value = 1.9 V/m

Power Drift = 0.5 dB

Maximum value of SAR = 0.0836 mW/g



**SAR MEASUREMENT PLOT 1**

Ambient Temperature  
Liquid Temperature  
Humidity

19.7 Degrees Celsius  
19.0 Degrees Celsius  
36 %

Test Date: 11 October 2003

File Name: [Tablet DSSS 2.45 GHz Batt 4400MAh 11-10-03.da4](#)

DUT: Fujitsu Tablet Ocampa B1 with WLAN; Type: Calexico 11b Module; Serial: No.37

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

\* Medium: Body 2450 MHz; ( $\sigma = 1.95177$  mho/m,  $\epsilon_r = 51.1955$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

- 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 01 Test/Area Scan (81x61x1):** Measurement grid: dx=20mm, dy=20mm

Reference Value = 7.64 V/m

Power Drift = -0.4 dB

Maximum value of SAR = 0.099 mW/g

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

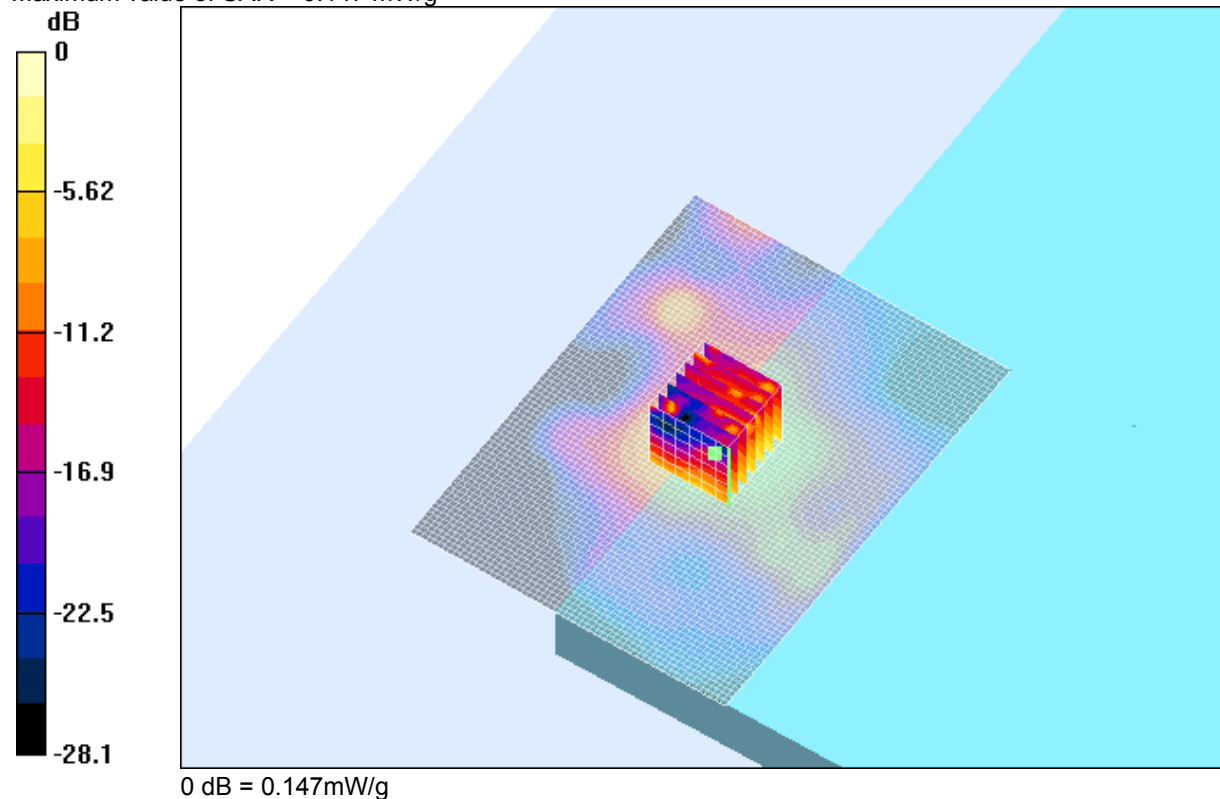
Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.102 mW/g

Reference Value = 7.64 V/m

Power Drift = -0.4 dB

Maximum value of SAR = 0.147 mW/g



**SAR MEASUREMENT PLOT 2**

Ambient Temperature  
Liquid Temperature  
Humidity

19.2 Degrees Celsius  
18.7 Degrees Celsius  
35 %

Test Date: 11 October 2003

File Name: [Tablet DSSS 2.45 GHz Batt 6600MAh 11-10-03.da4](#)

DUT: Fujitsu Tablet Ocampa B1 with WLAN; Type: Calexico 11b Module; Serial: No.37

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

\* Medium: Body 2450 MHz; ( $\sigma = 1.95177$  mho/m,  $\epsilon_r = 51.1955$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

- 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 01 Test 2/Area Scan (81x81x1):** Measurement grid: dx=20mm, dy=20mm

Reference Value = 6.72 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0881 mW/g

**Channel 01 Test 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

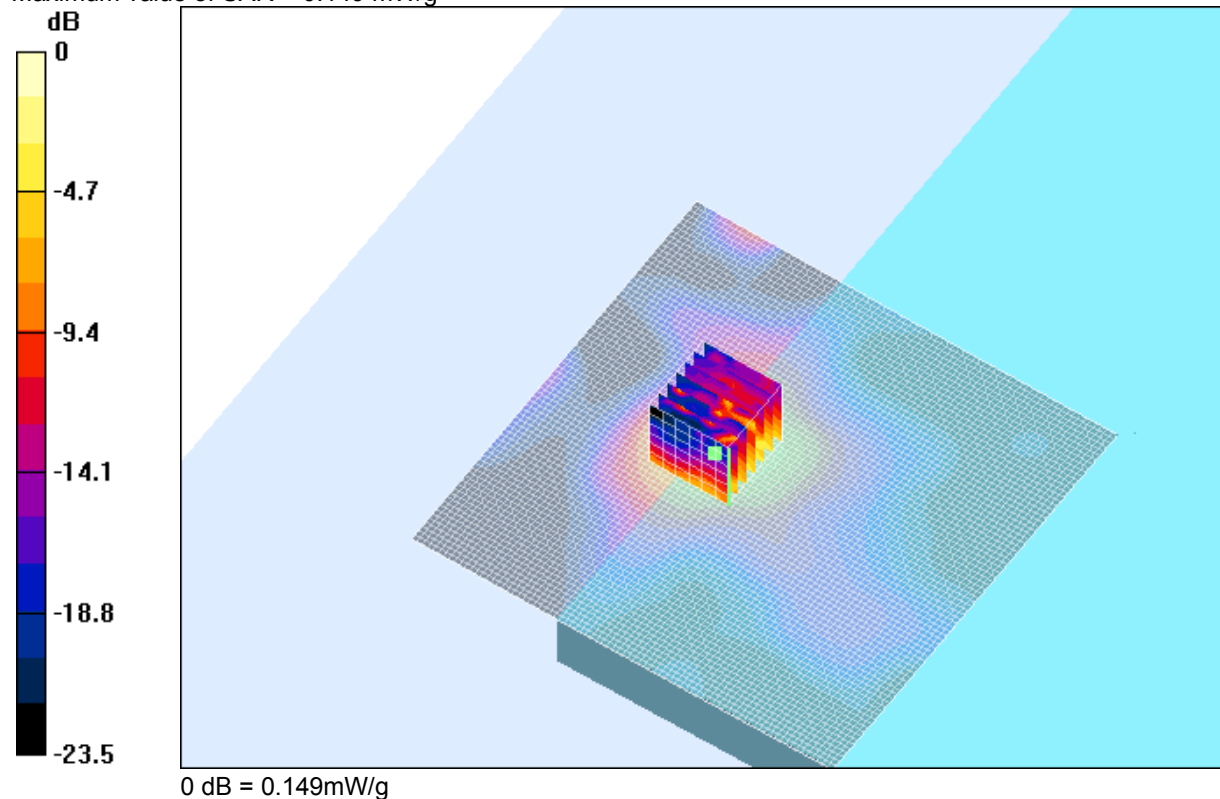
Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.1 mW/g

Reference Value = 6.72 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.149 mW/g



SAR MEASUREMENT PLOT 3

Ambient Temperature  
Liquid Temperature  
Humidity

19.2 Degrees Celsius  
18.7 Degrees Celsius  
35 %

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Test Date: 10 October 2003

File Name: [Tablet DSSS 2.45 GHz Batt 4400MAh 10-10-03.da4](#)

DUT: Fujitsu Tablet Ocampa B1 with WLAN; Type: Calexico 11b Module; Serial: No.37

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

\* Medium: Body 2450 MHz; ( $\sigma = 1.97528$  mho/m,  $\epsilon_r = 51.1944$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

- Electronics: DAE3 Sn359; 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 2/Area Scan (81x61x1):** Measurement grid: dx=20mm, dy=20mm

Reference Value = 5.23 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.0612 mW/g

**Channel 06 Test 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

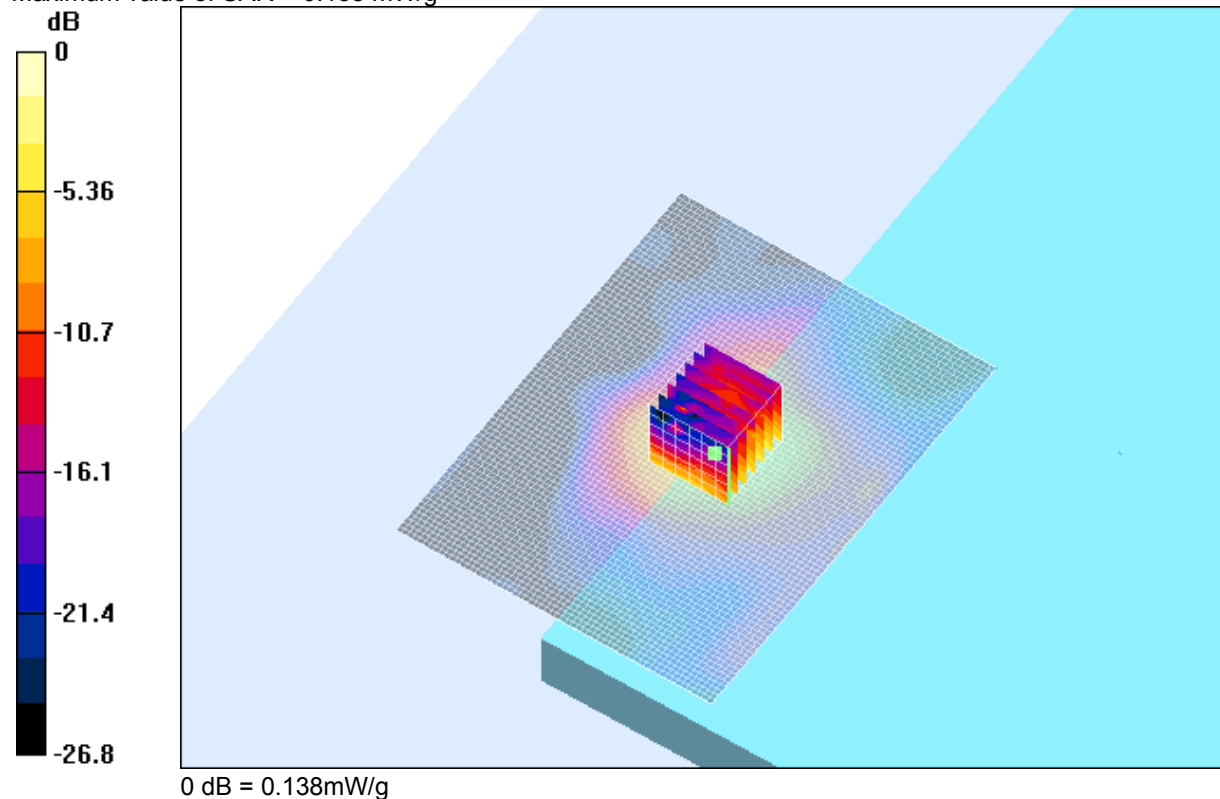
Peak SAR (extrapolated) = 0.424 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.098 mW/g

Reference Value = 5.23 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.138 mW/g



**SAR MEASUREMENT PLOT 4**

Ambient Temperature  
Liquid Temperature  
Humidity

19.7 Degrees Celsius  
19.0 Degrees Celsius  
36 %

Test Date: 11 October 2003

File Name: [Tablet DSSS 2.45 GHz Batt 6600MAh 11-10-03.da4](#)

DUT: Fujitsu Tablet Ocampa B1 with WLAN; Type: Calexico 11b Module; Serial: No.37

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

\* Medium: Body 2450 MHz; ( $\sigma = 1.98572$  mho/m,  $\epsilon_r = 51.0896$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

- 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 (81x81x1):** Measurement grid: dx=20mm, dy=20mm

Reference Value = 5.38 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0676 mW/g

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

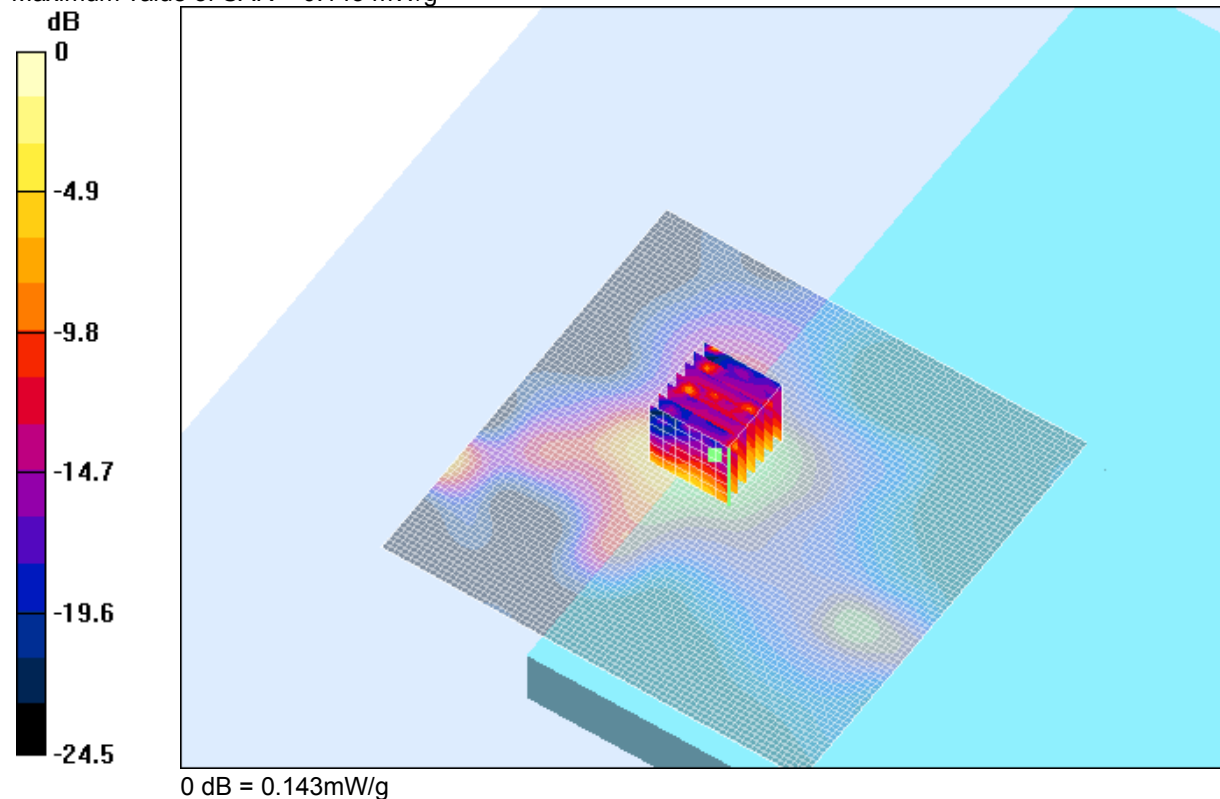
Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.0949 mW/g

Reference Value = 5.38 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.143 mW/g



**SAR MEASUREMENT PLOT 5**

Ambient Temperature  
Liquid Temperature  
Humidity

19.2 Degrees Celsius  
18.7 Degrees Celsius  
35 %

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Test Date: 11 October 2003

File Name: [Tablet DSSS 2.45 GHz Batt 4400MAh 11-10-03.da4](#)

DUT: Fujitsu Tablet Ocampa B1 with WLAN; Type: Calexico 11b Module; Serial: No.37

\* Communication System: DSSS 2450 MHz; Frequency: 2462 MHz; Duty Cycle: 1:1

\* Medium: Body 2450 MHz; ( $\sigma = 2.01554$  mho/m,  $\epsilon_r = 50.9816$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

- 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 11 Test/Area Scan (81x61x1):** Measurement grid: dx=20mm, dy=20mm

Reference Value = 5.82 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.105 mW/g

**Channel 11 Test/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

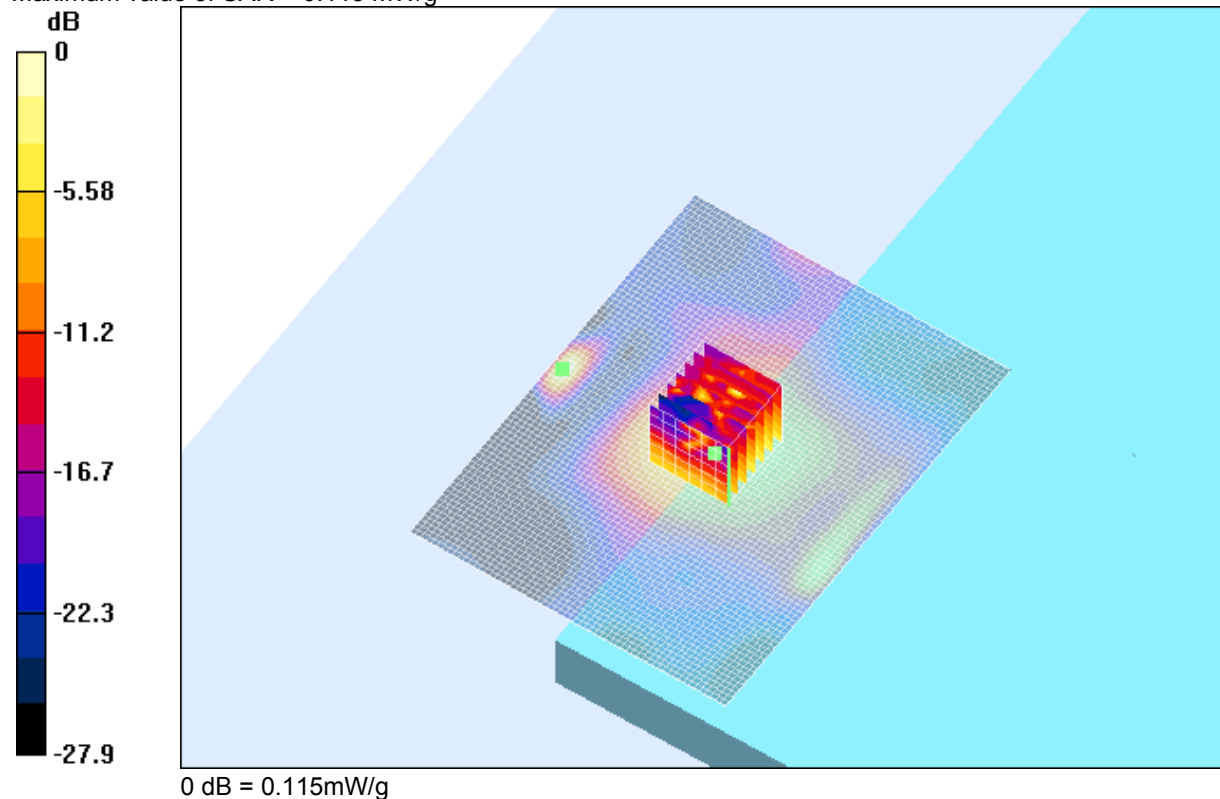
Peak SAR (extrapolated) = 5.71 W/kg

SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.106 mW/g

Reference Value = 5.82 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.115 mW/g



**SAR MEASUREMENT PLOT 6**

Ambient Temperature  
Liquid Temperature  
Humidity

19.2 Degrees Celsius  
18.7 Degrees Celsius  
35 %

Test Date: 11 October 2003

File Name: [Tablet DSSS 2.45 GHz Batt 6600MAh 11-10-03.da4](#)

DUT: Fujitsu Tablet Ocampa B1 with WLAN; Type: Calexico 11b Module; Serial: No.37

\* Communication System: DSSS 2450 MHz; Frequency: 2462 MHz; Duty Cycle: 1:1

\* Medium: Body 2450 MHz; ( $\sigma = 2.01554$  mho/m,  $\epsilon_r = 50.9816$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

- 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 11 Test/Area Scan (81x81x1):** Measurement grid: dx=20mm, dy=20mm

Reference Value = 5.12 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.056 mW/g

**Channel 11 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

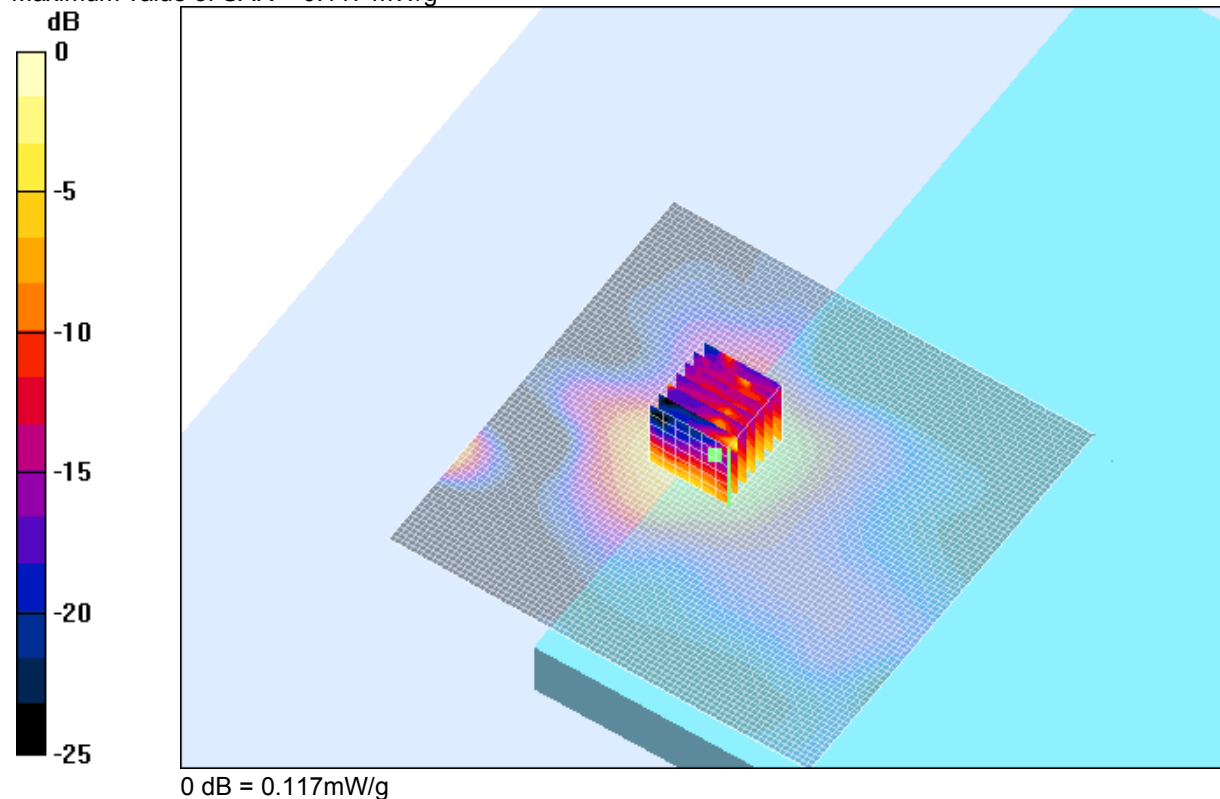
Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.081 mW/g

Reference Value = 5.12 V/m

Power Drift = -0.06 dB

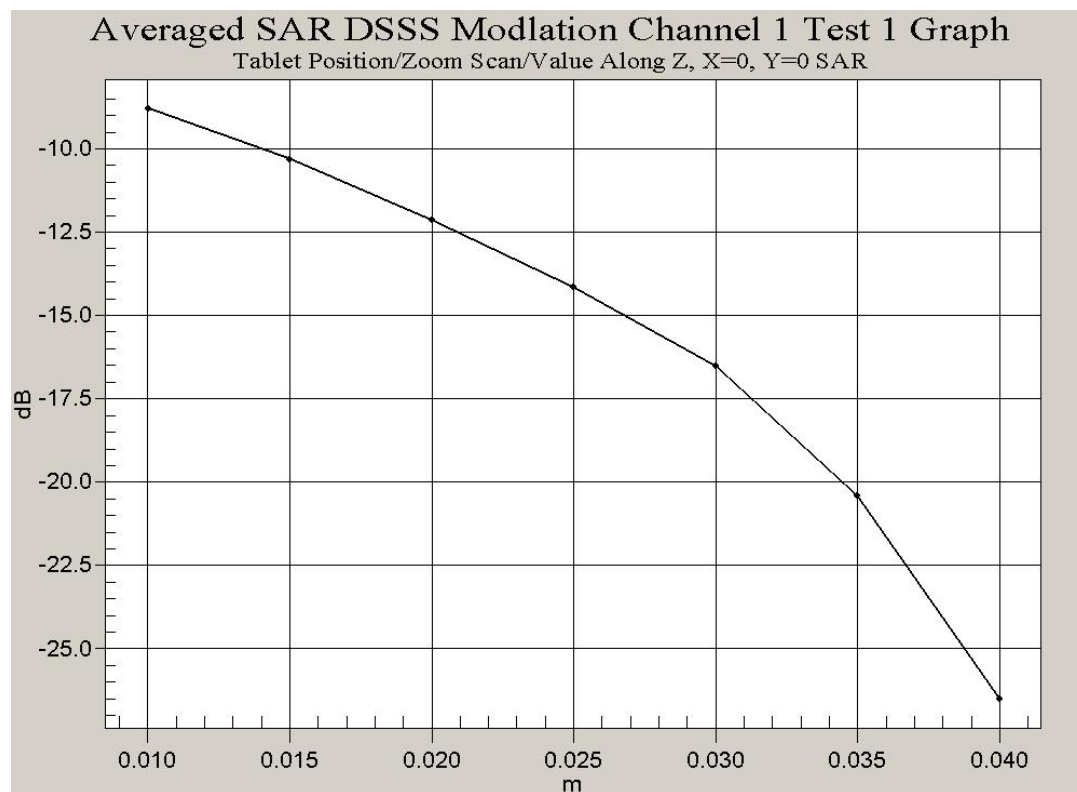
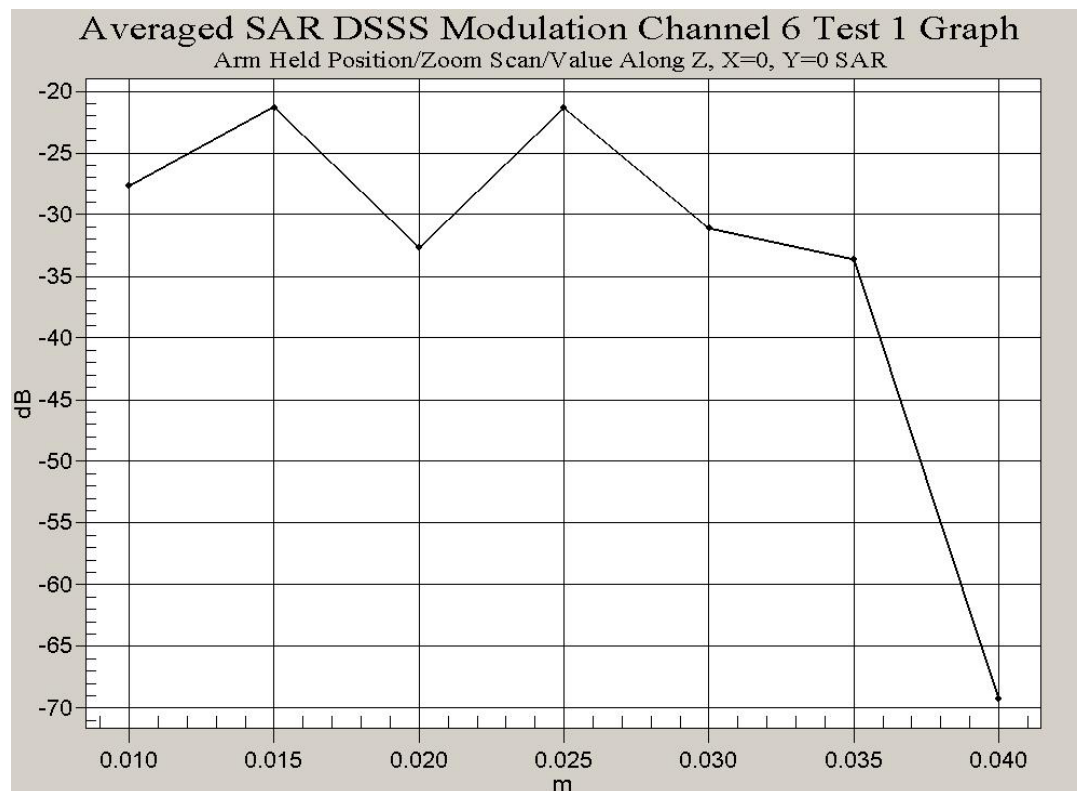
Maximum value of SAR = 0.117 mW/g



**SAR MEASUREMENT PLOT 7**

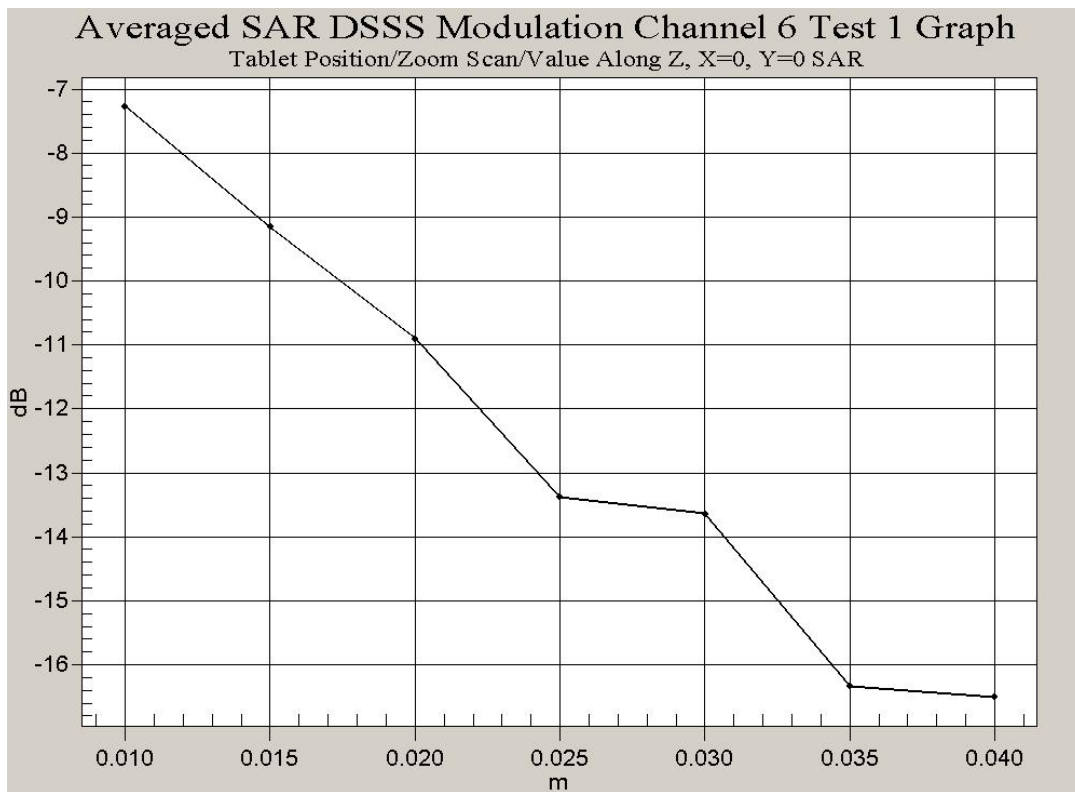
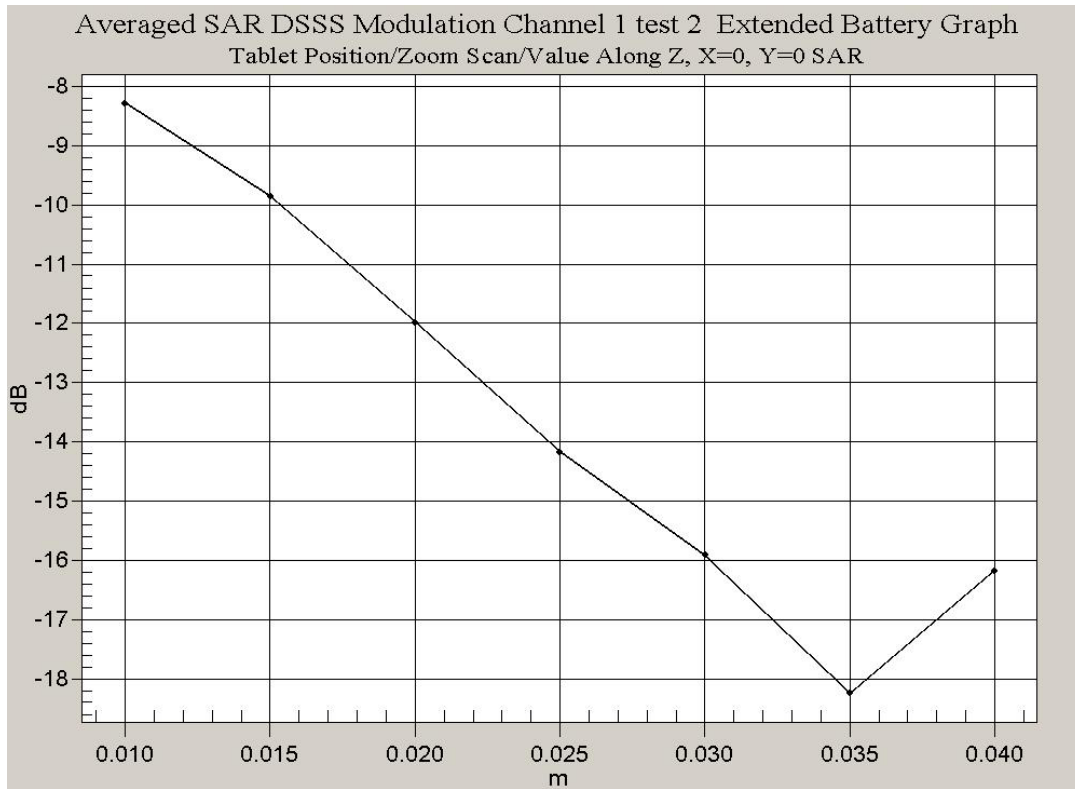
Ambient Temperature  
Liquid Temperature  
Humidity

19.2 Degrees Celsius  
18.7 Degrees Celsius  
35 %

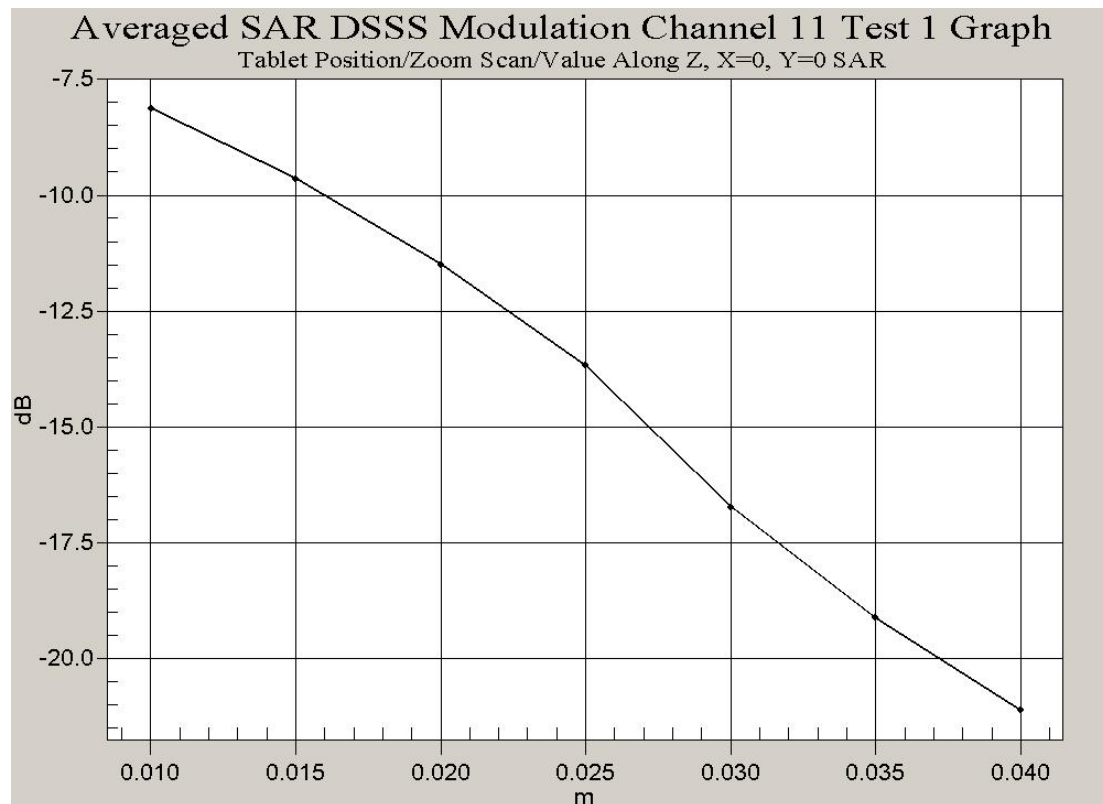
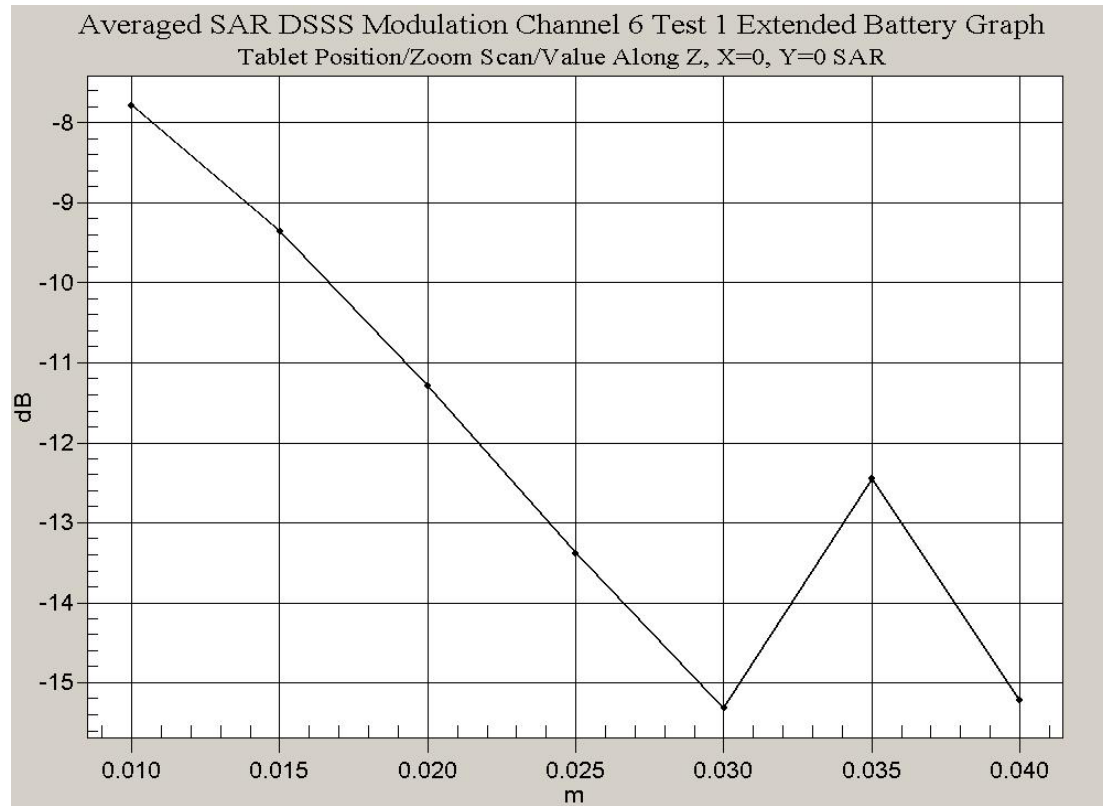


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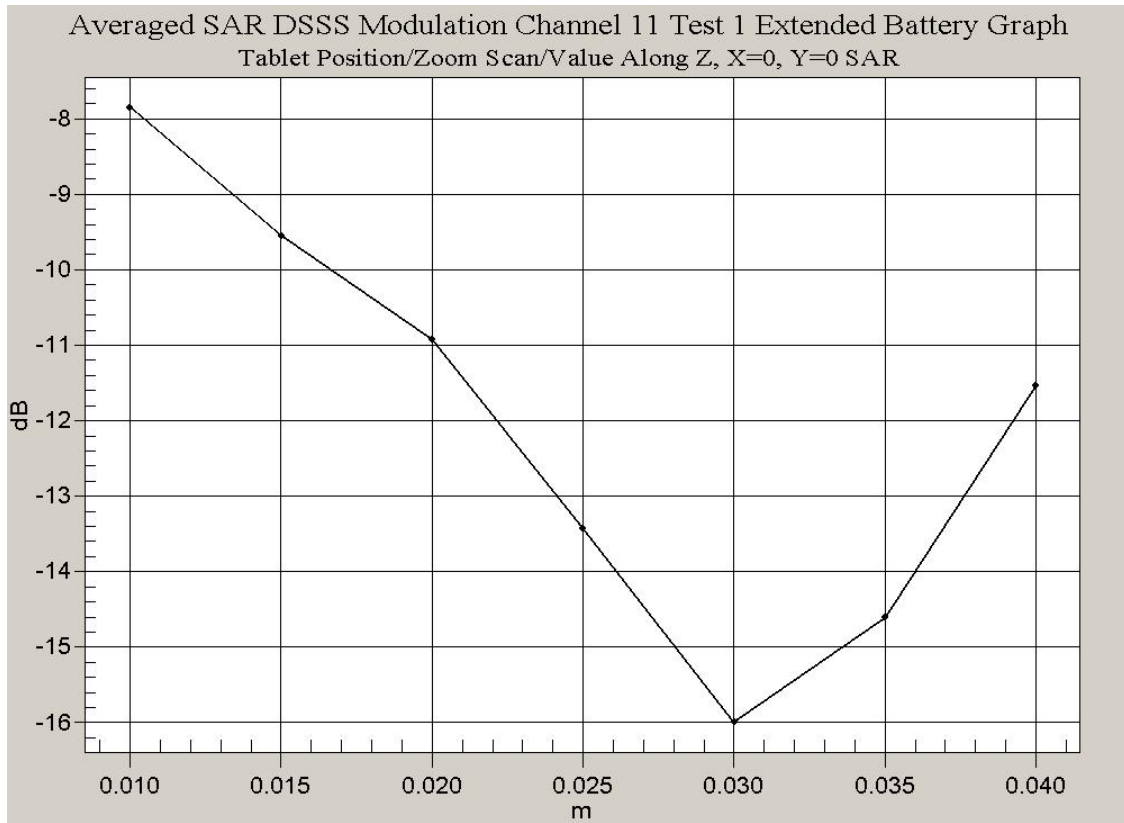




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Test Date: 10 October 2003

File Name: [Validation 2450 MHz \(DAE359 Probe1380\) 10-10-03.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; ( $\sigma = 1.88627$  mho/m,  $\epsilon_r = 38.269$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1380; ConvF(4.8, 4.8, 4.8)

- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

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

Reference Value = 97.7 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 15.7 mW/g

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

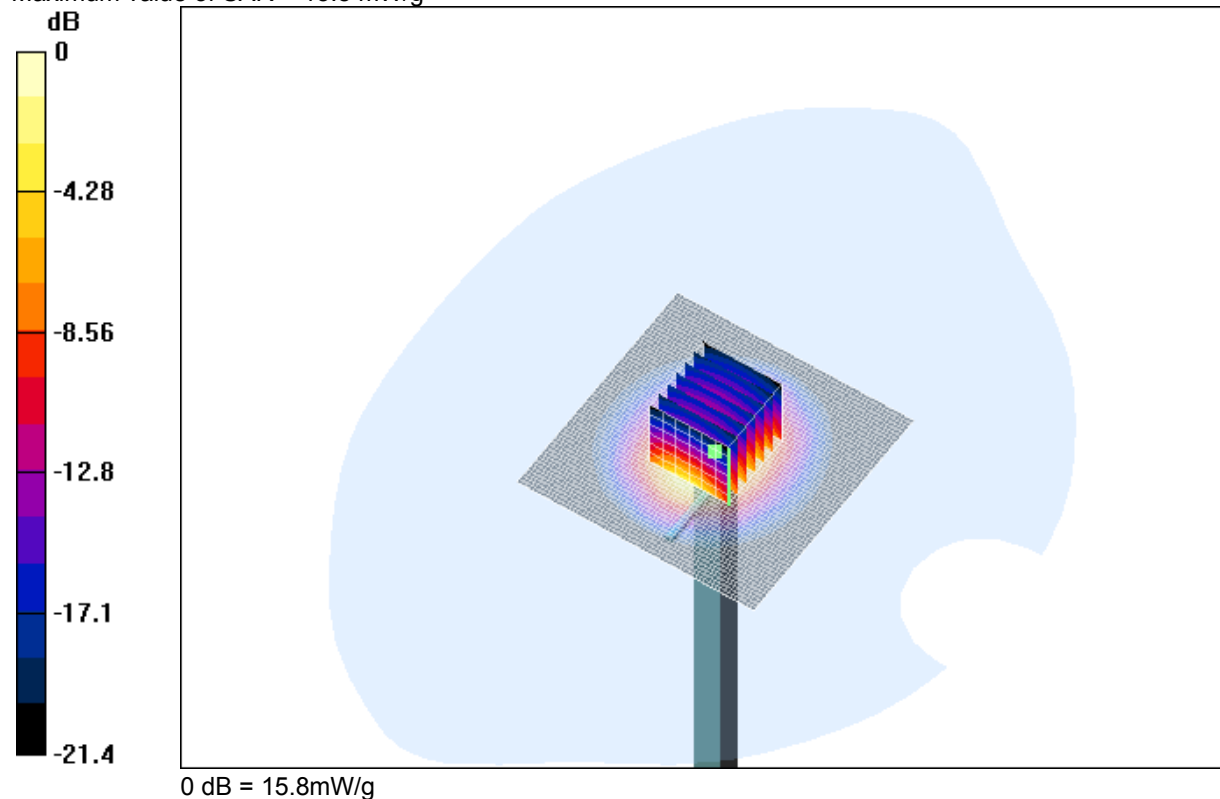
Peak SAR (extrapolated) = 29.1 W/kg

SAR(1 g) = 14.1 mW/g; SAR(10 g) = 6.5 mW/g

Reference Value = 97.7 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 15.8 mW/g



**SAR MEASUREMENT PLOT 8**

Ambient Temperature  
Liquid Temperature  
Humidity

19.7 Degrees Celsius  
19.0 Degrees Celsius  
36 %

Test Date: 11 October 2003

File Name: [Validation 2450 MHz \(DAE442 Probe1380\) 11-10-03 b.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; ( $\sigma = 1.86438$  mho/m,  $\epsilon_r = 37.9889$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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

- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

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

Reference Value = 98.2 V/m

Power Drift = -0.003 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

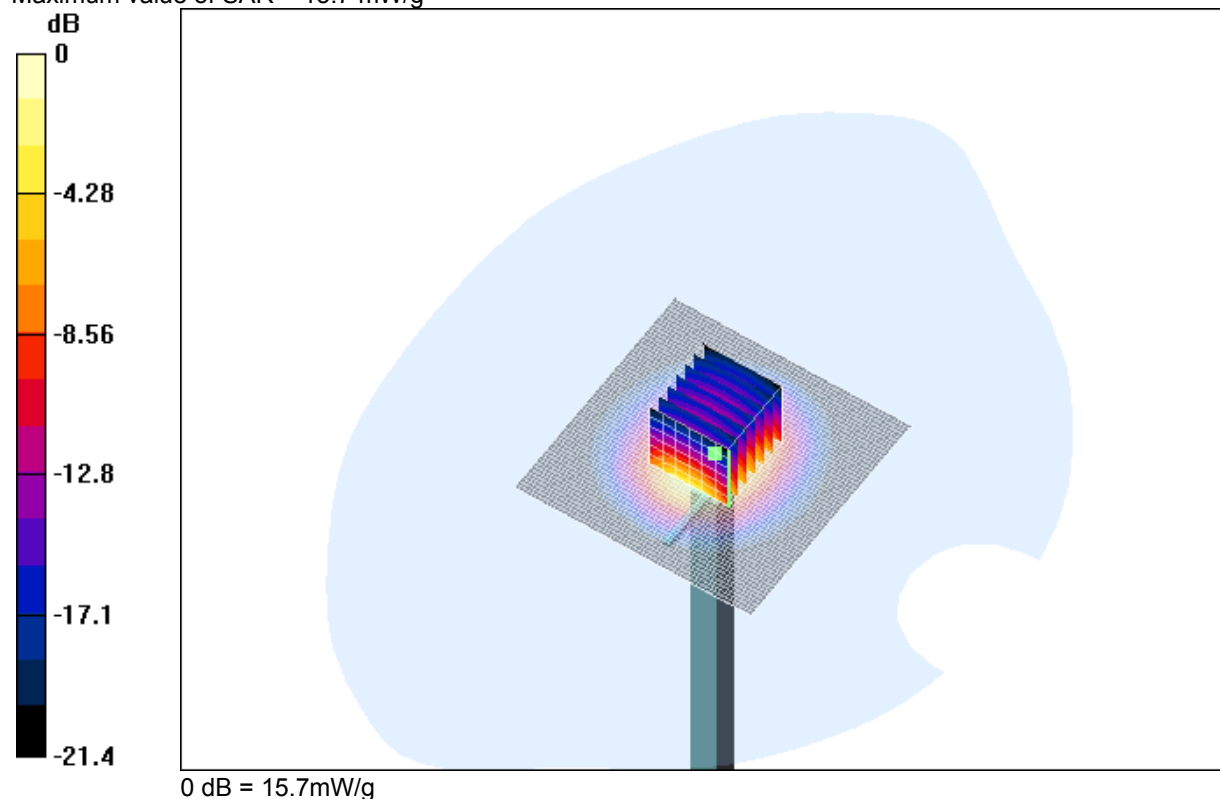
Peak SAR (extrapolated) = 28.2 W/kg

SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.46 mW/g

Reference Value = 98.2 V/m

Power Drift = -0.003 dB

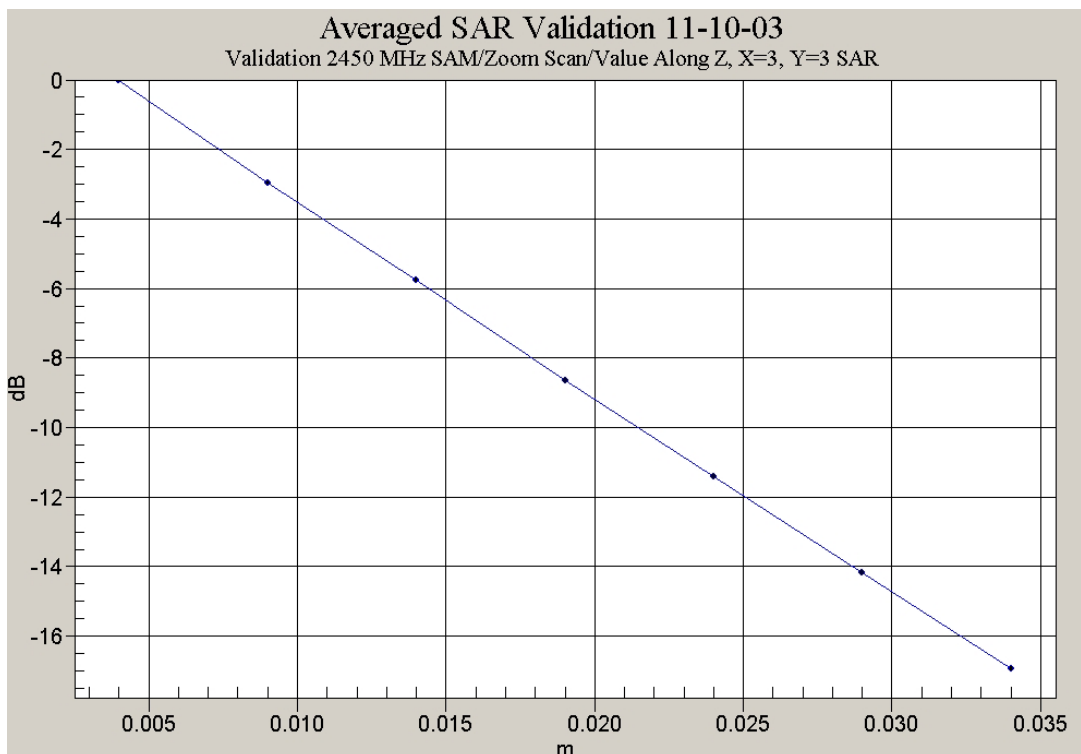
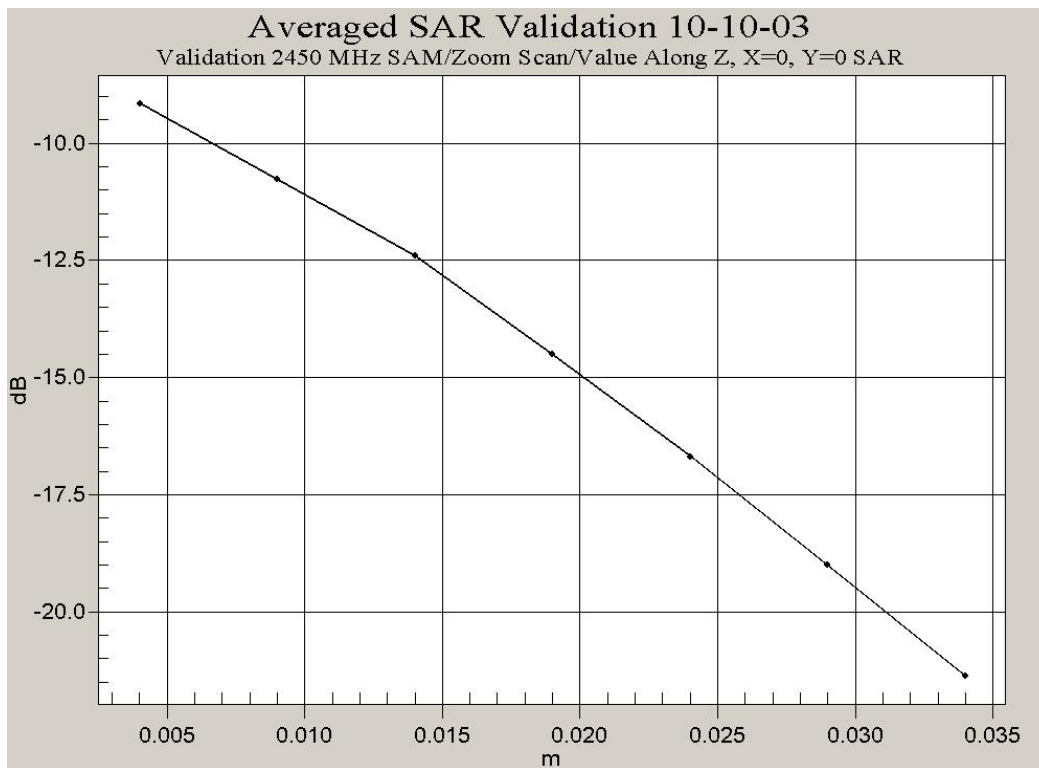
Maximum value of SAR = 15.7 mW/g



**SAR MEASUREMENT PLOT 9**

Ambient Temperature  
Liquid Temperature  
Humidity

19.2 Degrees Celsius  
18.7 Degrees Celsius  
35 %



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## **APPENDIX C**

### **SAR TESTING EQUIPMENT CALIBRATION CERTIFICATE ATTACHMENTS**

#### **Calibration Certificate Attachments**

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