

Test Date: 26 November 2007

File Name: Edge On Right 1900 MHz UMTS + HSDPA Champlain 26-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 1900 MHz 3G; Frequency: 1907.6 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.57394$ mho/m, $\epsilon_r = 51.4545$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(4.74, 4.74, 4.74)

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

Channel 9538 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.547 mW/g

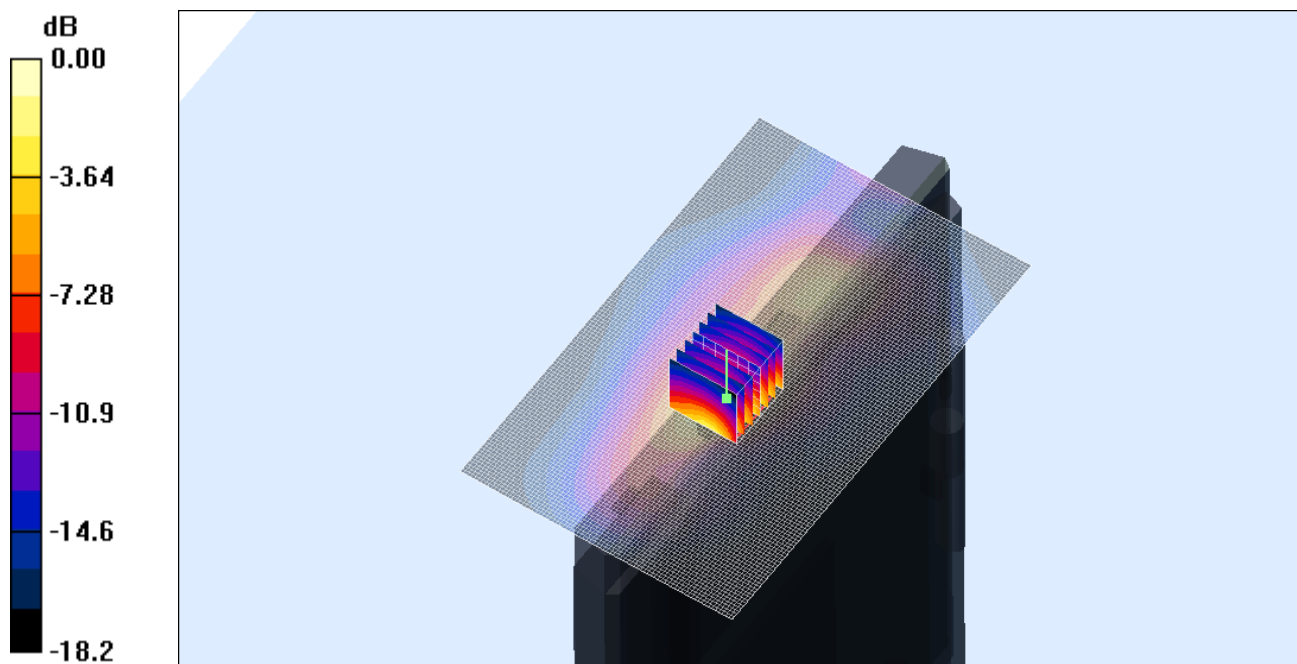
Channel 9538 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.982 W/kg

SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.269 mW/g

Maximum value of SAR (measured) = 0.585 mW/g

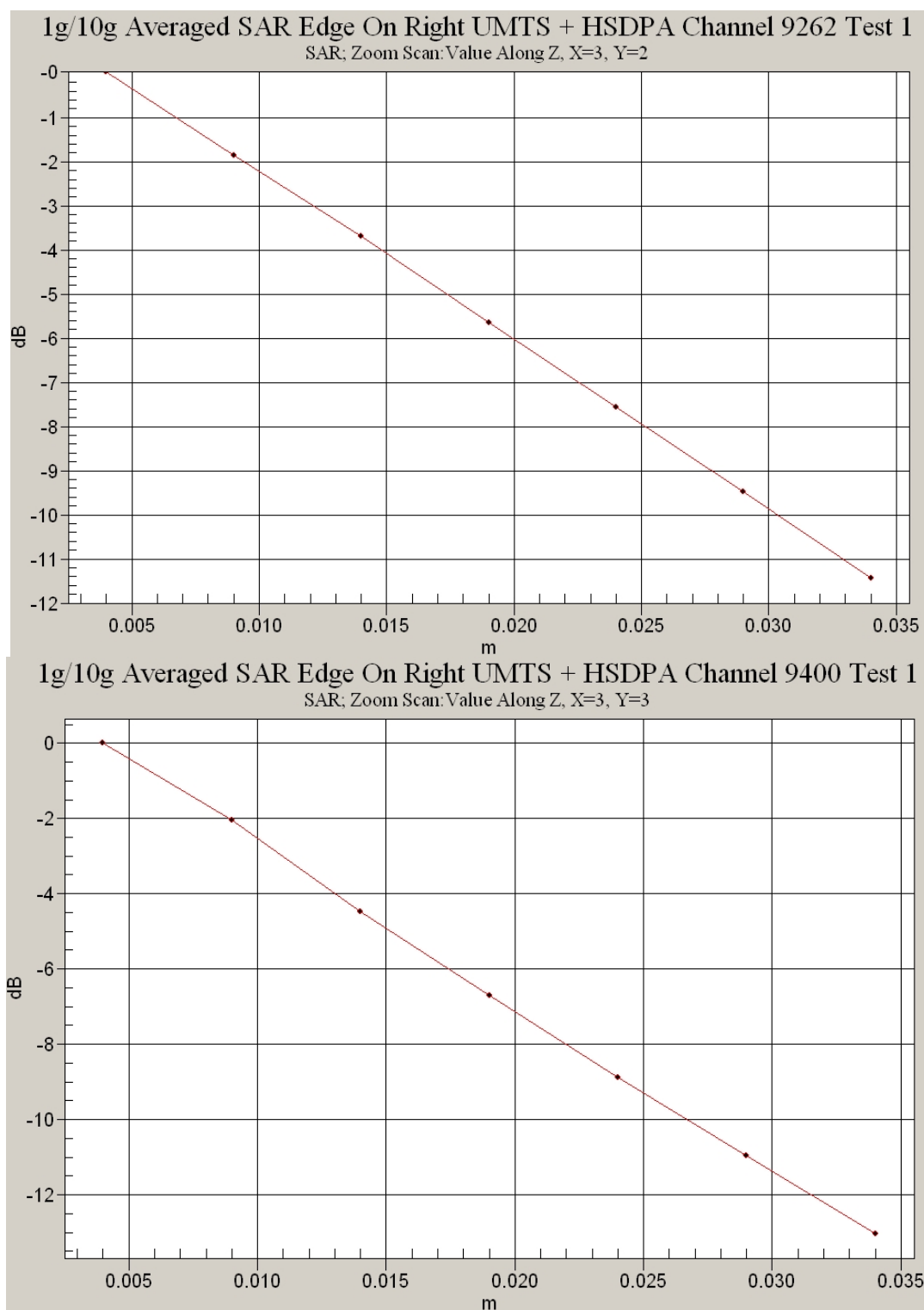


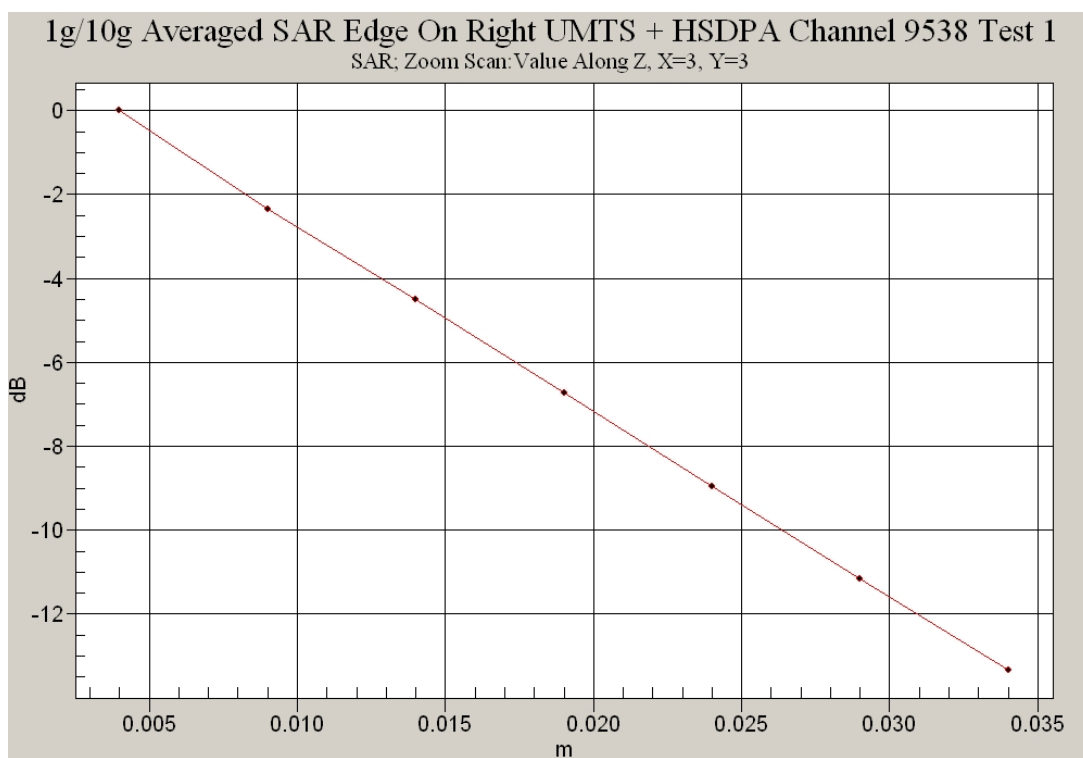
0 dB = 0.585mW/g

SAR MEASUREMENT PLOT 52

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %





Test Date: 26 November 2007

File Name: Edge On Right 1900 MHz UMTS Champlain 26-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 1900 MHz 3G; Frequency: 1852.4 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.53559$ mho/m, $\epsilon_r = 51.6428$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(4.74, 4.74, 4.74)

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

Channel 9262 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.543 mW/g

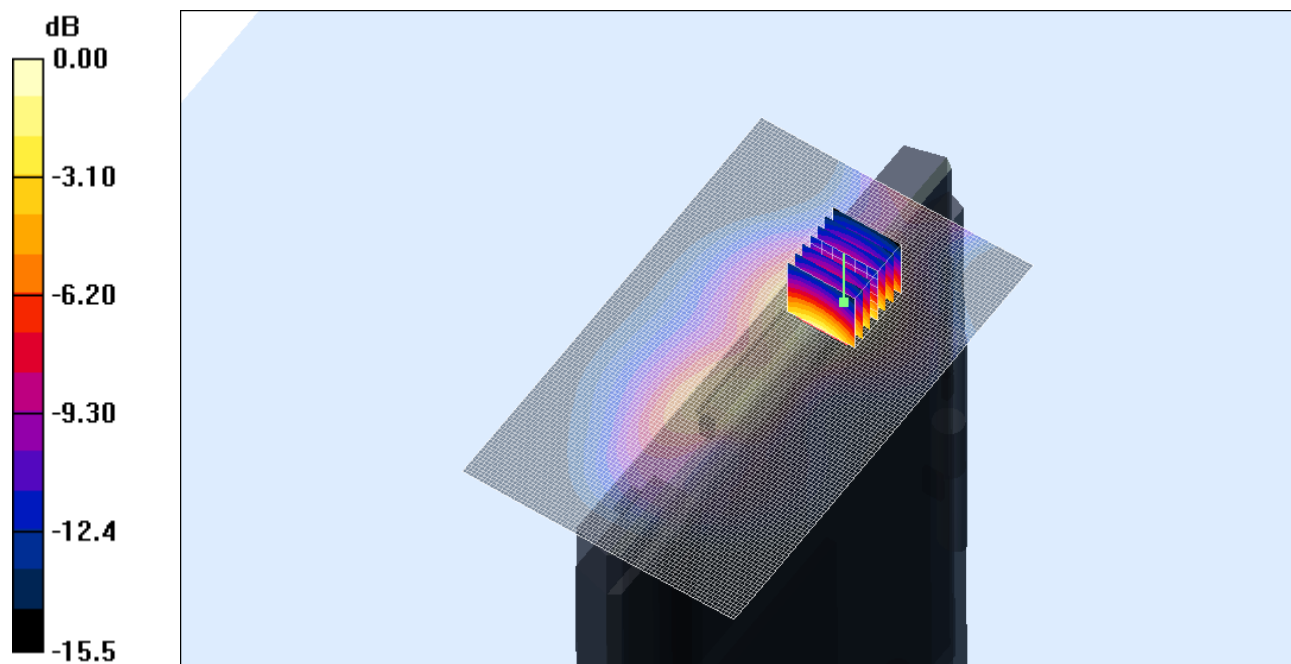
Channel 9262 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.15 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.720 W/kg

SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.502 mW/g



0 dB = 0.502mW/g

SAR MEASUREMENT PLOT 53

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

File Name: Edge On Right 1900 MHz UMTS Champlain 26-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 1900 MHz 3G; Frequency: 1880 MHz; Duty Cycle: 1:1

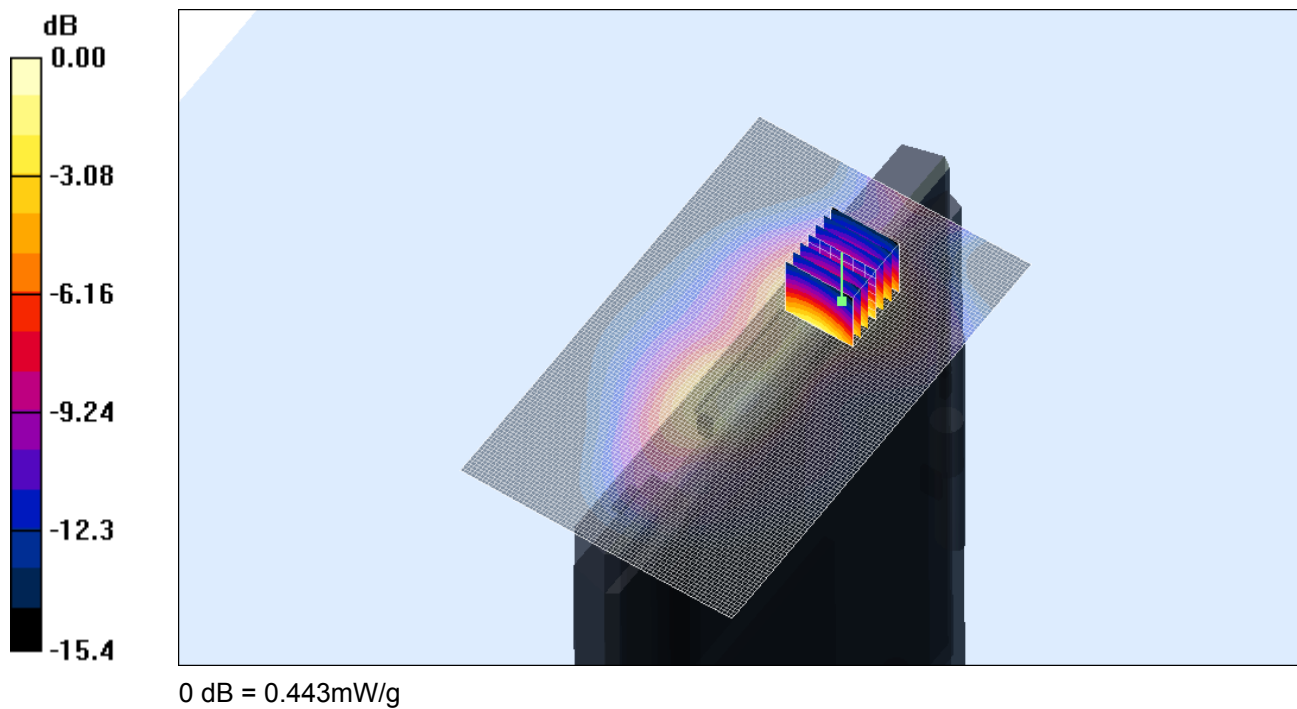
* Medium parameters used: $\sigma = 1.55747$ mho/m, $\epsilon_r = 51.5592$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(4.74, 4.74, 4.74)

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

Channel 9400 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.478 mW/g

Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.80 V/m; Power Drift = -0.243 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.240 mW/g
Maximum value of SAR (measured) = 0.443 mW/g



SAR MEASUREMENT PLOT 54

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

File Name: Edge On Right 1900 MHz UMTS Champlain 26-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 1900 MHz 3G; Frequency: 1907.6 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.57394$ mho/m, $\epsilon_r = 51.4545$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(4.74, 4.74, 4.74)

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

Channel 9538 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.557 mW/g

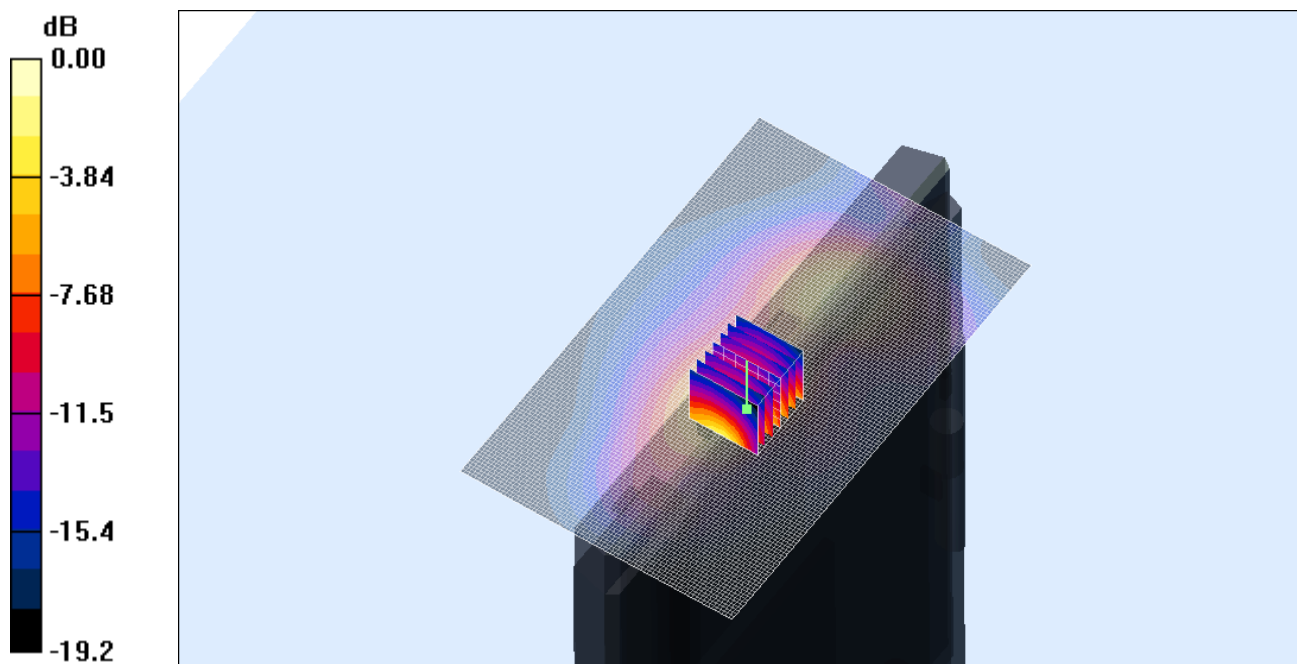
Channel 9538 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.00 V/m; Power Drift = -0.414 dB

Peak SAR (extrapolated) = 0.957 W/kg

SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.609 mW/g

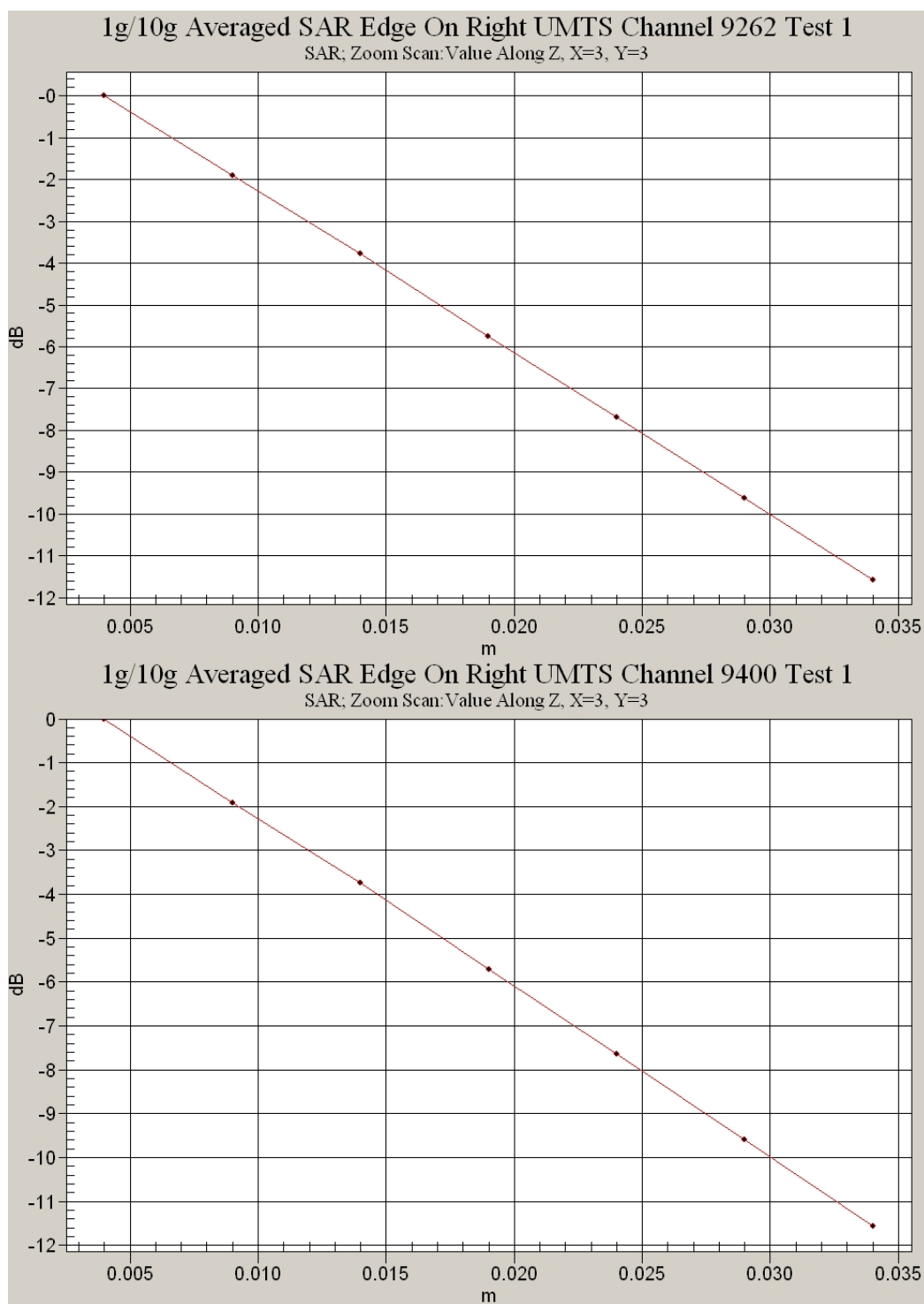


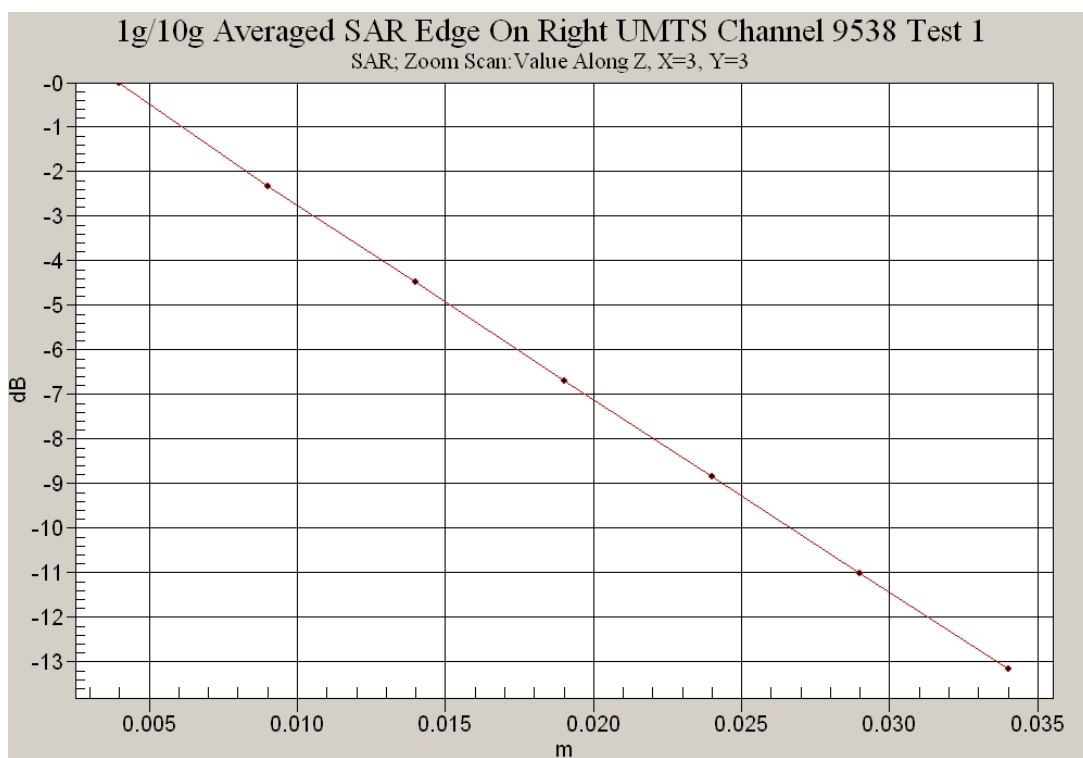
0 dB = 0.609mW/g

SAR MEASUREMENT PLOT 55

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %





Test Date: 26 November 2007

File Name: Edge On Right 1900 MHz UMTS Champlain WiFi On 26-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 1900 MHz 3G; Frequency: 1907.6 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.57394$ mho/m, $\epsilon_r = 51.4545$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(4.74, 4.74, 4.74)

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

Channel 9538 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.599 mW/g

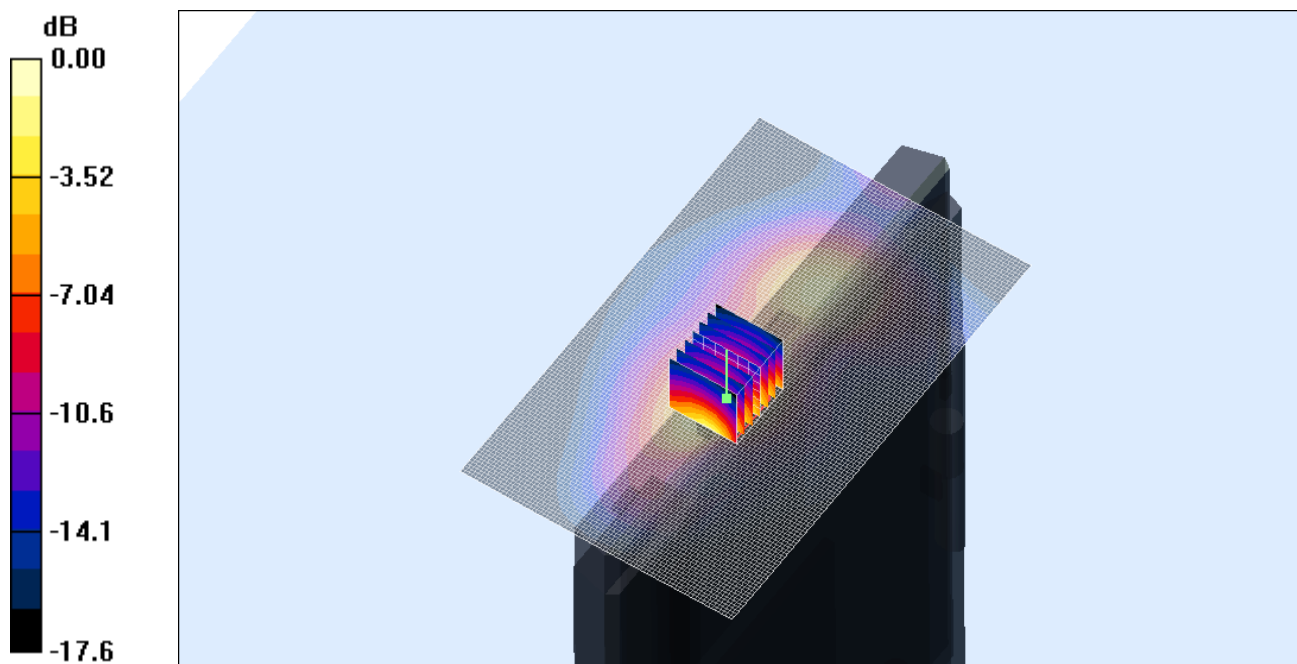
Channel 9538 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = -0.223 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.622 mW/g



0 dB = 0.622mW/g

SAR MEASUREMENT PLOT 56

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 31 January 2008

File Name: Edge On Top DSSS 2.45 GHz Champlain Antenna A Bluetooth Off 850MHz 3G 31-01-08.da4

DUT: Fujitsu Tablet Champlain with Kedron 11abgn and Bluetooth; Type: 4965ABG; Serial: MAC: 0013E8175E6F

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

* Medium parameters used: $\sigma = 1.94329$ mho/m, $\epsilon_r = 51.9716$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(3.98, 3.98, 3.98)

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

Channel 1 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.41 mW/g

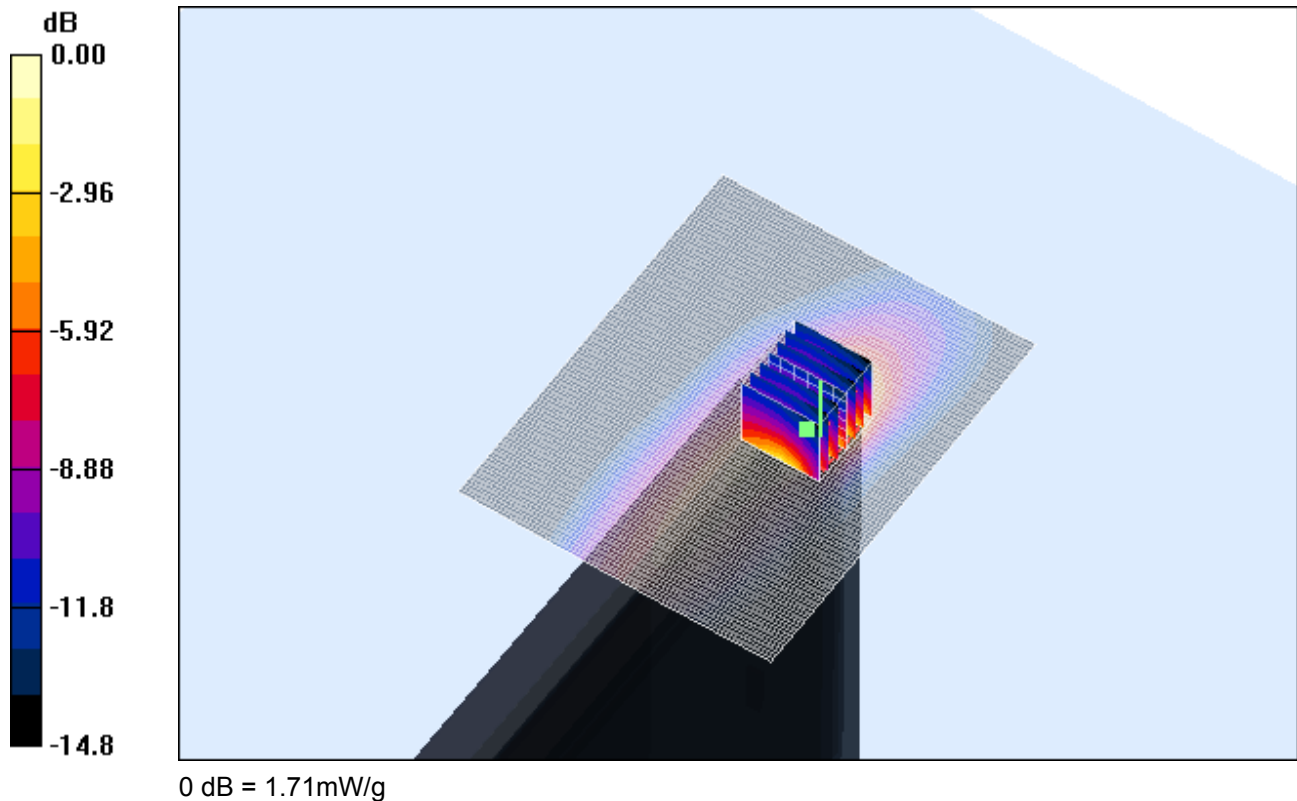
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = -0.451 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 1.54 mW/g; SAR(10 g) = 0.745 mW/g

Maximum value of SAR (measured) = 1.71 mW/g



SAR MEASUREMENT PLOT 57

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
63.0 %

Test Date: 04 February 2008

File Name: [Edge On Top OFDM \(HT0 Mbps 20 MHz\) 5.8 GHz Champlain Antenna A 2dB Att Bluetooth Off 1900 MHz 3G 05-02-08.da4](#)

DUT: Fujitsu Tablet Champlain with Kedron 11abgn and Bluetooth; Type: 4965ABG; Serial: MAC: 0013E8175E6F

* Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.08734$ mho/m, $\epsilon_r = 47.8207$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)

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

Channel 157 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.33 mW/g

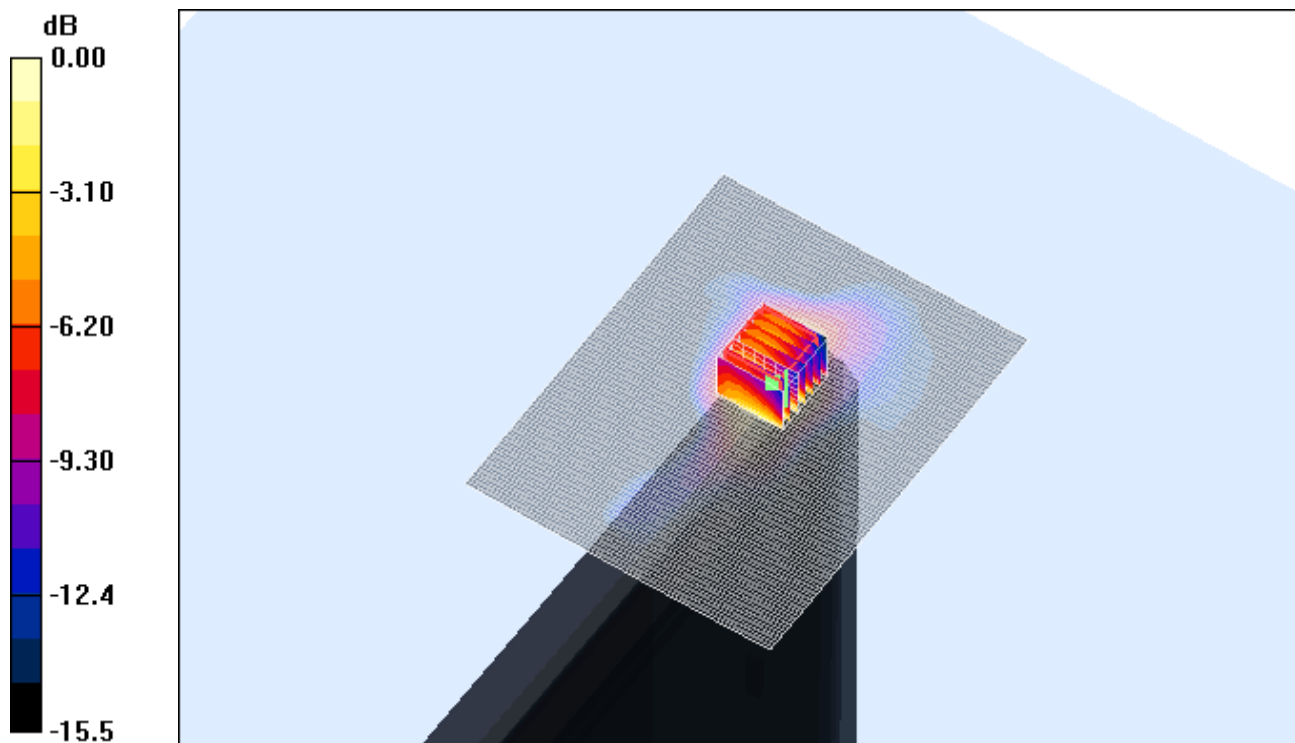
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 14.5 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 3.03 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.728 mW/g

Maximum value of SAR (measured) = 1.73 mW/g

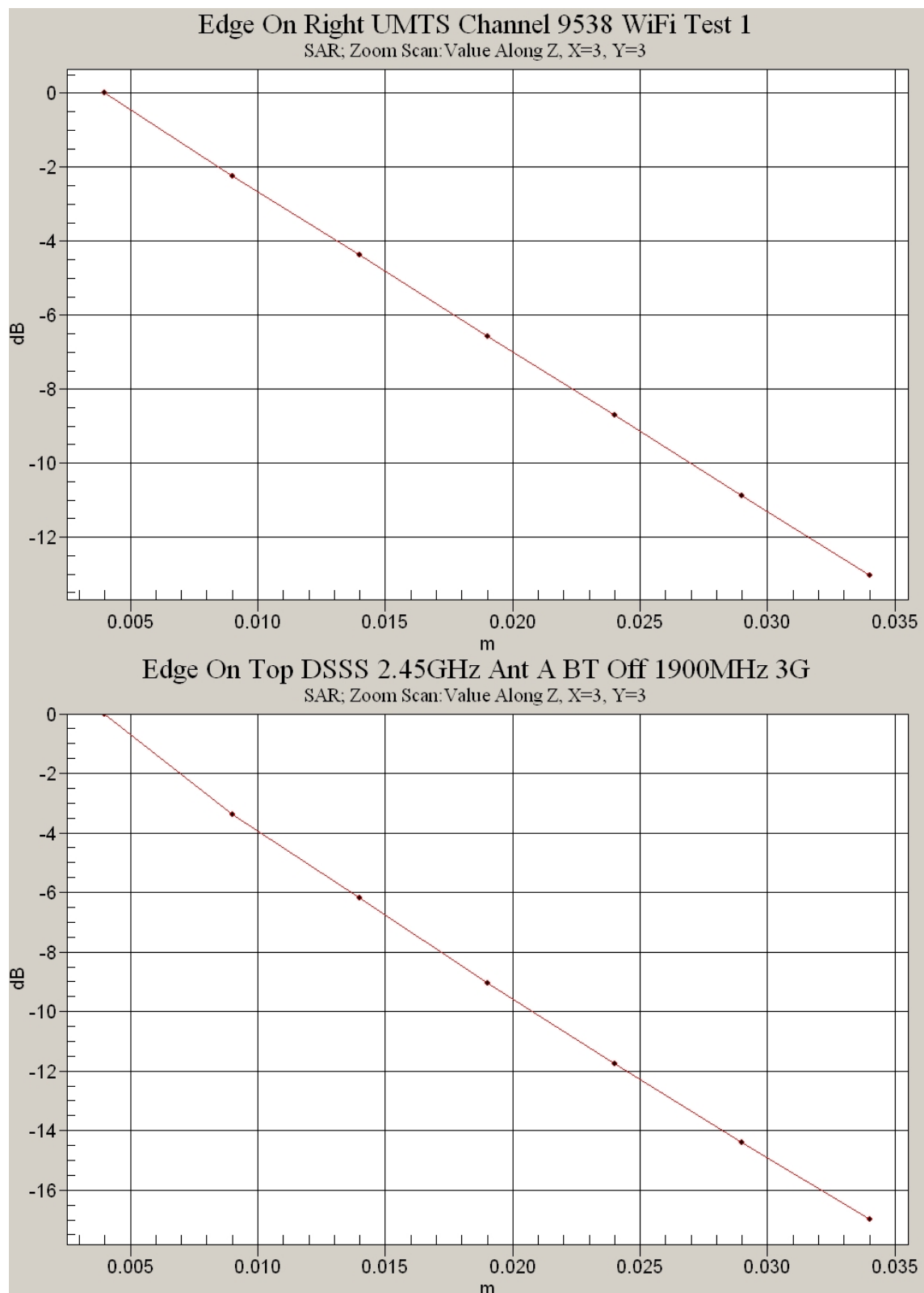


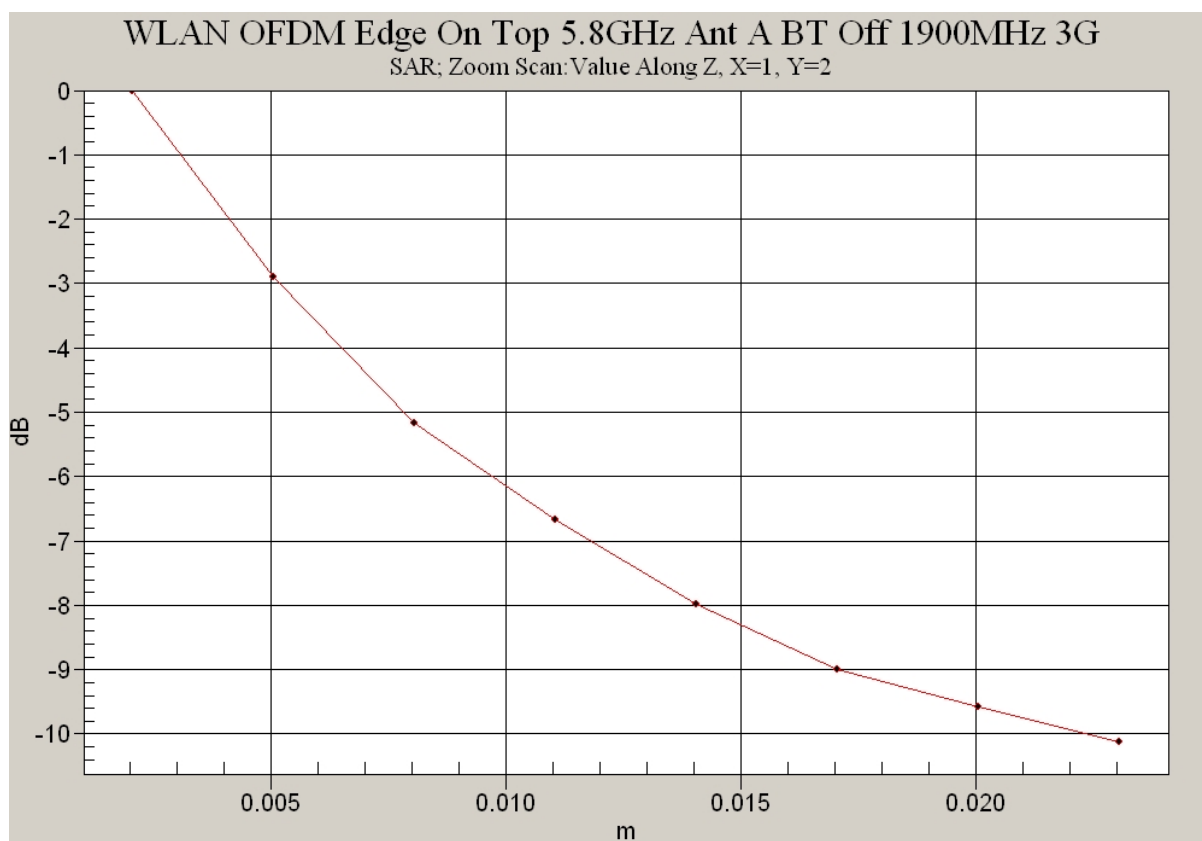
0 dB = 1.73mW/g

SAR MEASUREMENT PLOT 58

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.2 Degrees Celsius
65.0 %





Test Date: 24 November 2007

File Name: Validation 1800 MHz (DAE359 Probe1377) 24-11-07.da4

DUT: Dipole 1800 MHz; Type: DV1800V2; Serial: 242

* Communication System: CW 1800 MHz; Frequency: 1800 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.37862$ mho/m, $\epsilon_r = 38.7104$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(5.13, 5.13, 5.13)

- 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) = 12.1 mW/g

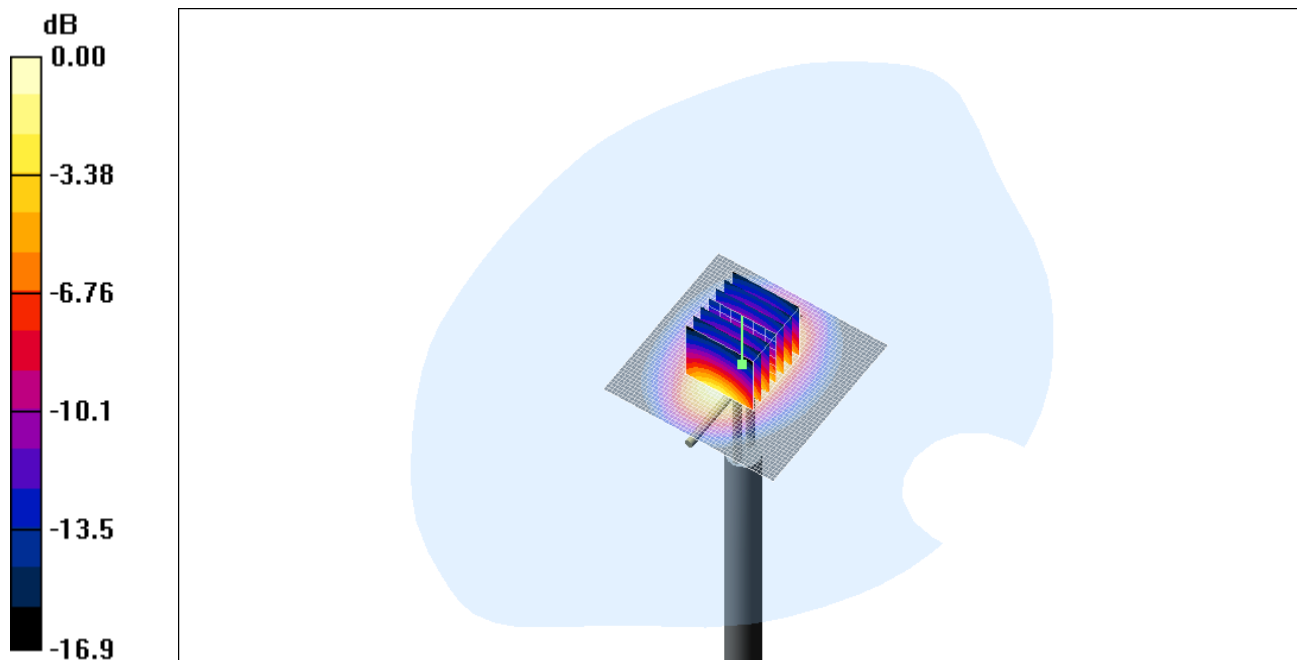
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.7 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 9.1 mW/g; SAR(10 g) = 4.86 mW/g

Maximum value of SAR (measured) = 10.3 mW/g



0 dB = 10.3mW/g

SAR MEASUREMENT PLOT 59

Ambient Temperature
Liquid Temperature
Humidity

22.0 Degrees Celsius
21.7 Degrees Celsius
53.0 %

Test Date: 25 November 2007

File Name: Validation 900 MHz (DAE359 Probe1377) 25-11-07.da4

DUT: Dipole 900 MHz; Type: DV900; Serial: 047

* Communication System: CW 900 MHz; Frequency: 900 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.00775$ mho/m, $\epsilon_r = 42.9412$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.43, 6.43, 6.43)

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

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 3.11 mW/g

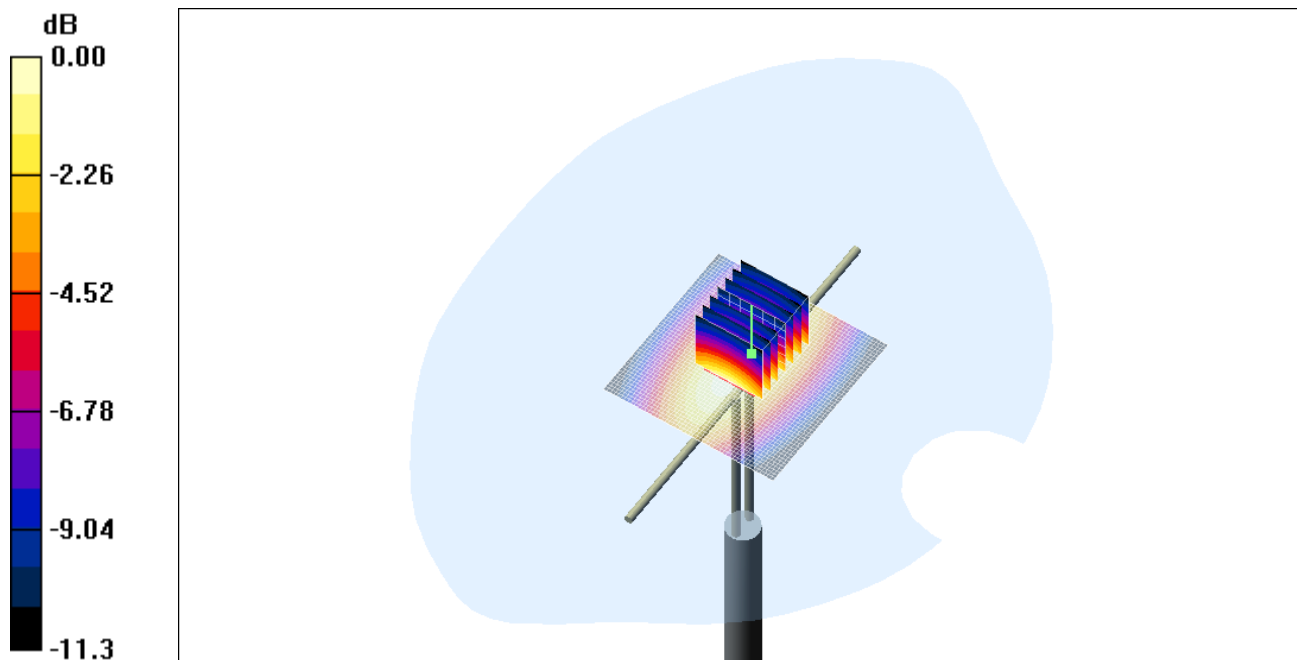
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.1 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 4.45 W/kg

SAR(1 g) = 2.89 mW/g; SAR(10 g) = 1.84 mW/g

Maximum value of SAR (measured) = 3.14 mW/g

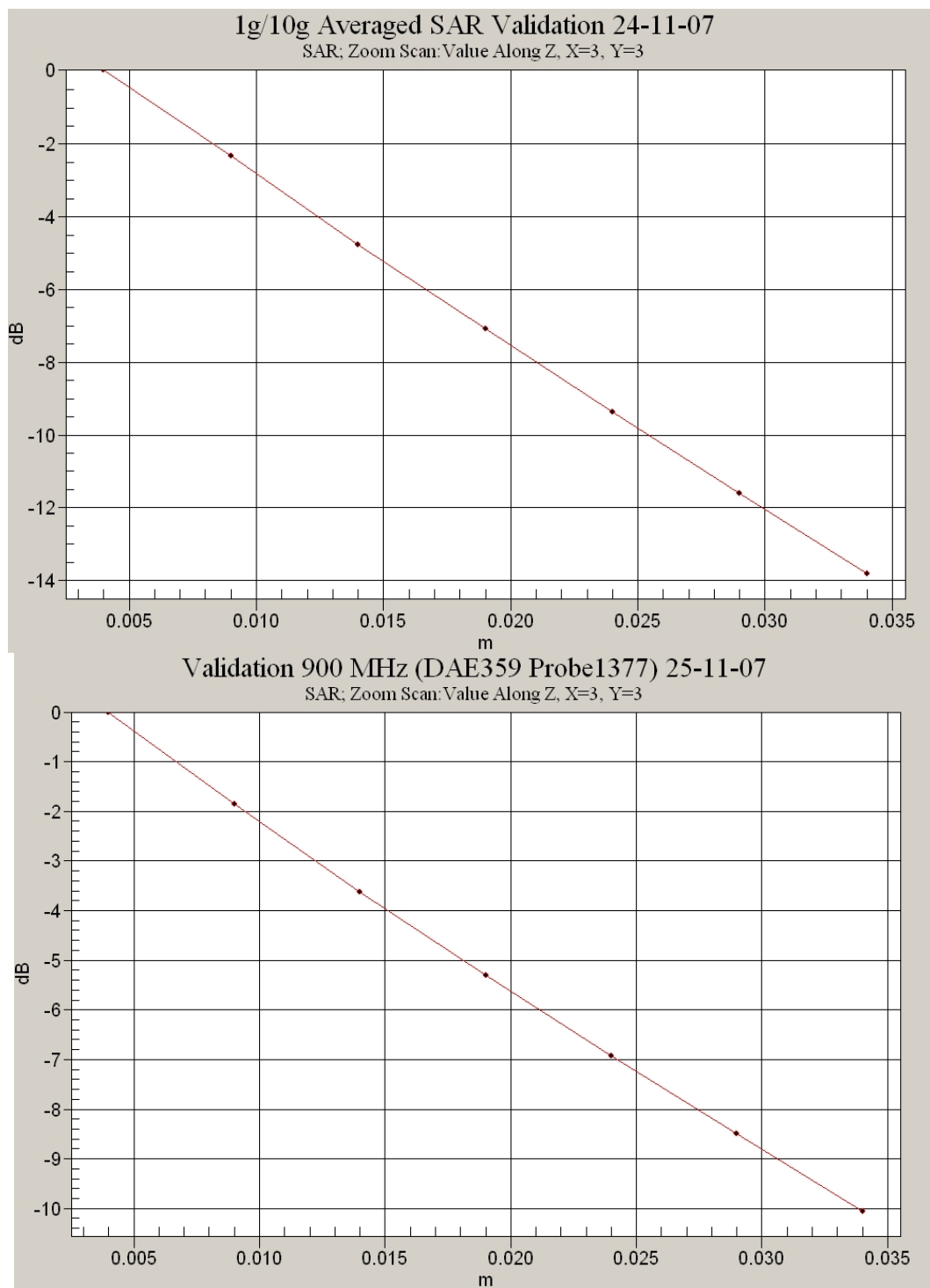


0 dB = 3.14mW/g

SAR MEASUREMENT PLOT 60

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.8 Degrees Celsius
56.0 %



Test Date: 26 November 2007

File Name: Validation 1800 MHz (DAE359 Probe1377) 26-11-07.da4

DUT: Dipole 1800 MHz; Type: DV1800V2; Serial: 242

* Communication System: CW 1800 MHz; Frequency: 1800 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.37863$ mho/m, $\epsilon_r = 38.638$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(5.13, 5.13, 5.13)

- 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) = 11.7 mW/g

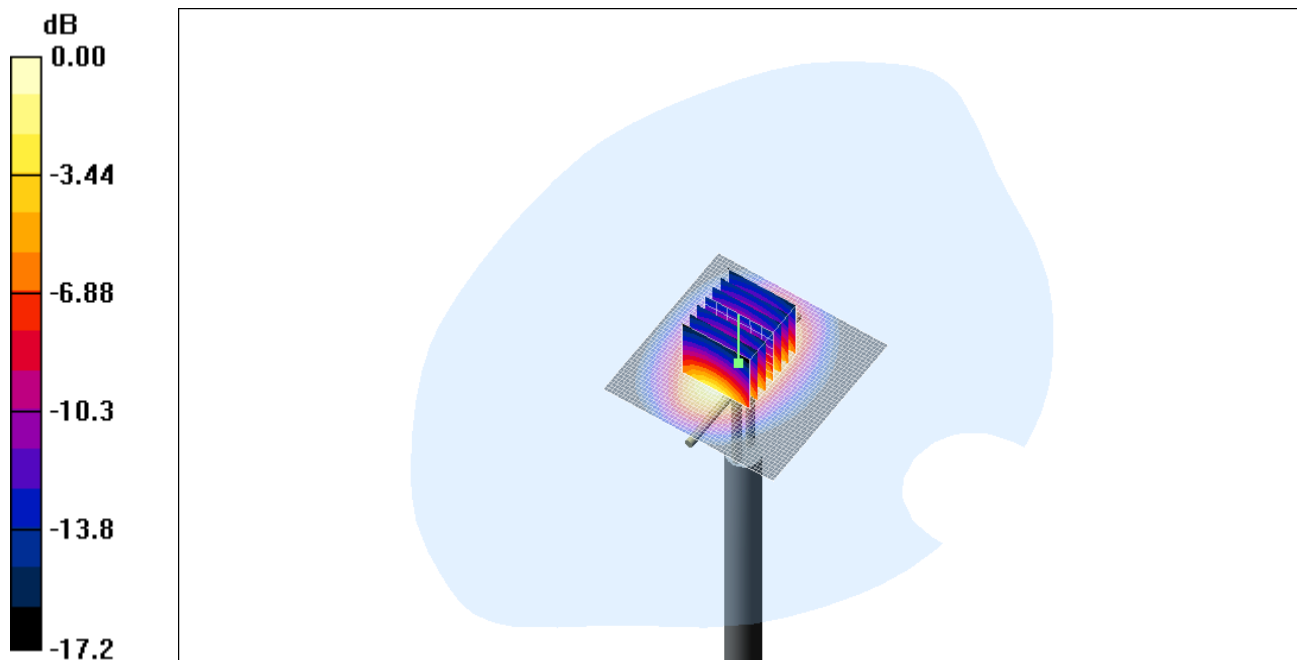
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.3 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 15.6 W/kg

SAR(1 g) = 9.17 mW/g; SAR(10 g) = 4.9 mW/g

Maximum value of SAR (measured) = 10.3 mW/g



SAR MEASUREMENT PLOT 61

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

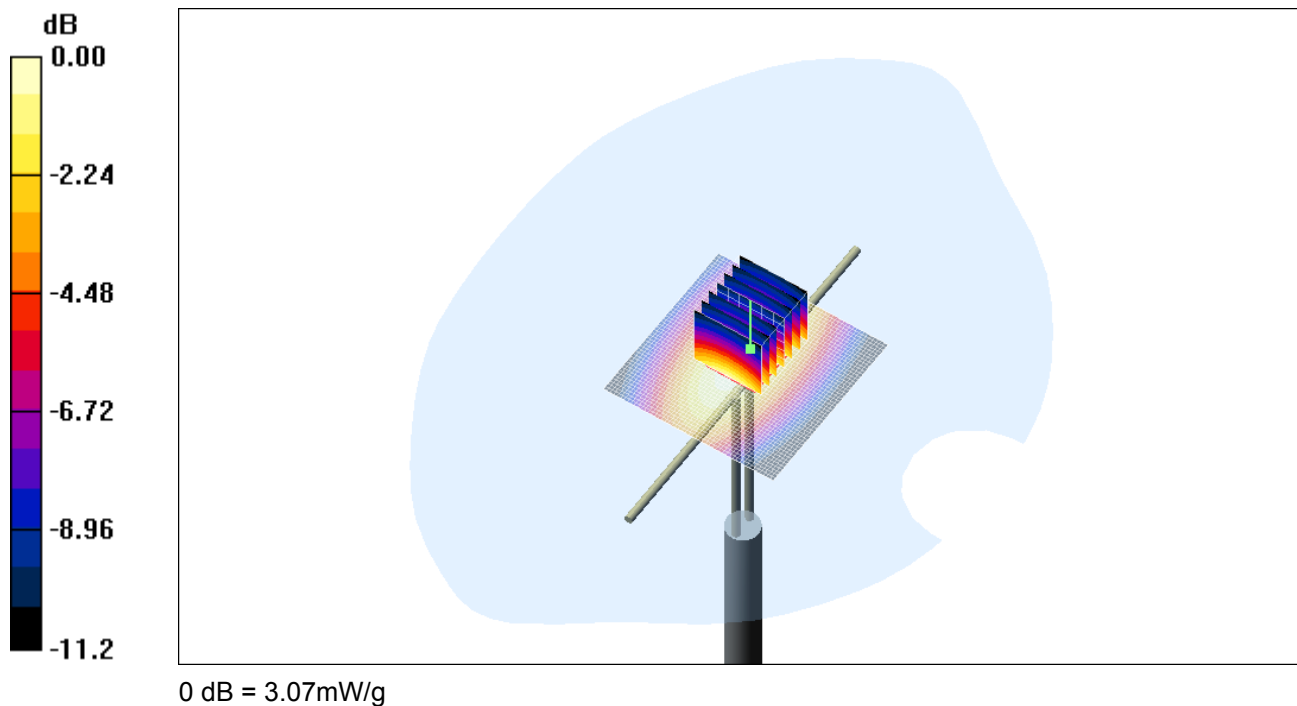
File Name: Validation 900 MHz (DAE359 Probe1377) 26-11-07.da4

DUT: Dipole 900 MHz; Type: DV900; Serial: 047

- * Communication System: CW 900 MHz; Frequency: 900 MHz; Duty Cycle: 1:1
- * Medium parameters used: $\sigma = 0.996945$ mho/m, $\epsilon_r = 42.1928$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.43, 6.43, 6.43)
- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 3.07 mW/g

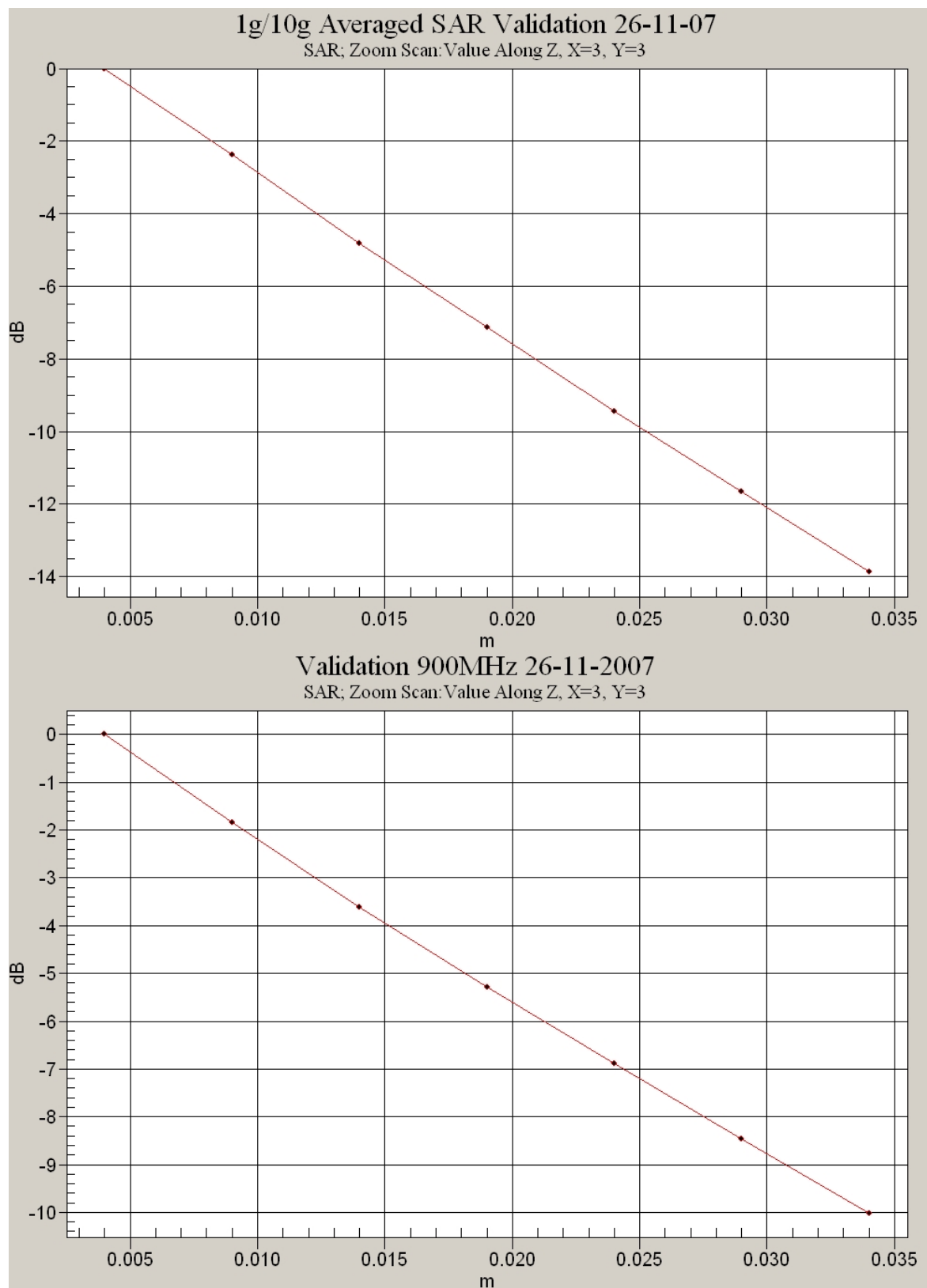
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.0 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 4.33 W/kg
SAR(1 g) = 2.84 mW/g; SAR(10 g) = 1.81 mW/g
Maximum value of SAR (measured) = 3.07 mW/g



SAR MEASUREMENT PLOT 62

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %



Test Date: 31 January 2008

File Name: [Validation 2450 MHz \(DAE442 Probe1377\) 31-01-08.da4](#)

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

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

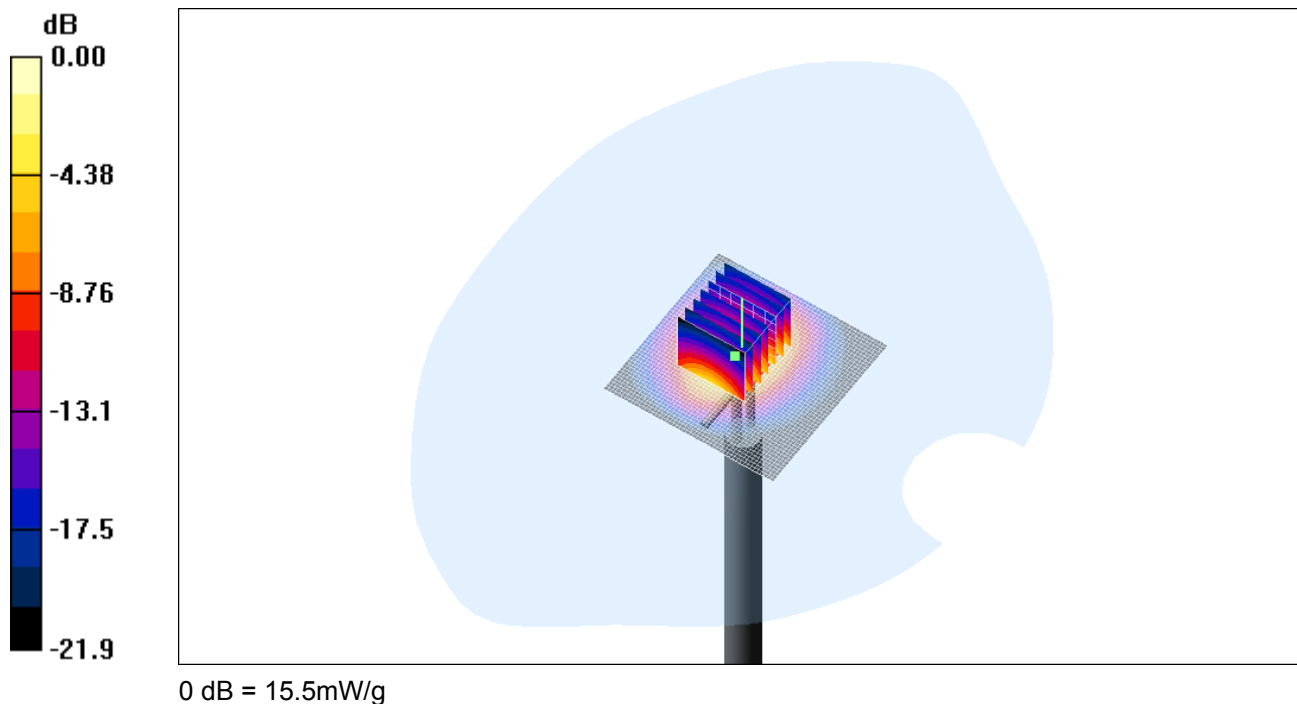
* Medium parameters used: $\sigma = 1.82357$ mho/m, $\epsilon_r = 39.8665$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.45, 4.45, 4.45)

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

Channel 1 Test 2/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 17.1 mW/g

Channel 1 Test 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.7 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 30.1 W/kg
SAR(1 g) = 13.8 mW/g; SAR(10 g) = 6.5 mW/g
Maximum value of SAR (measured) = 15.5 mW/g



SAR MEASUREMENT PLOT 63

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
63.0 %

Test Date: 05 February 2008

File Name: [Validation 5800MHz \(DAE 442 Probe EX3DV4\) 05-02-08.da4](#)

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

* Communication System: CW 5800 MHz; Frequency: 5800 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.42511$ mho/m, $\epsilon_r = 36.376$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.65, 3.65, 3.65)

- 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) = 38.2 mW/g

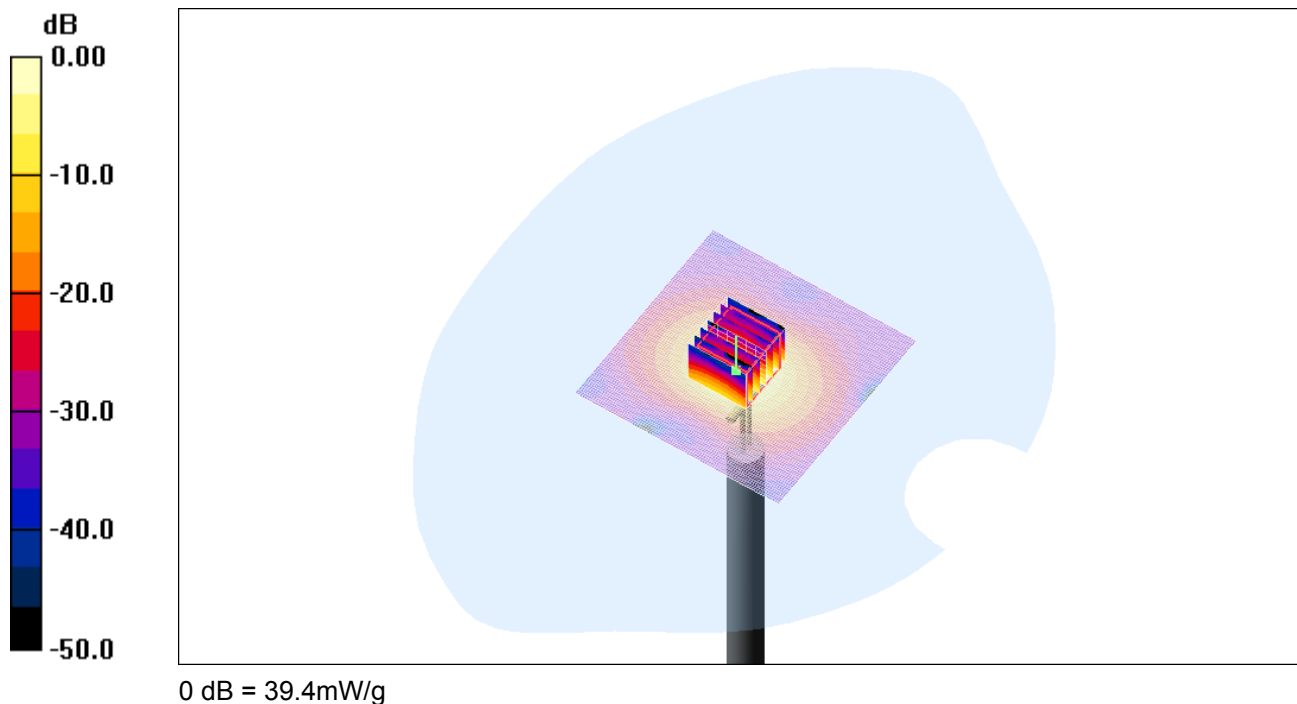
Channel 1 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 86.6 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 79.3 W/kg

SAR(1 g) = 18.8 mW/g; SAR(10 g) = 5.3 mW/g

Maximum value of SAR (measured) = 39.4 mW/g



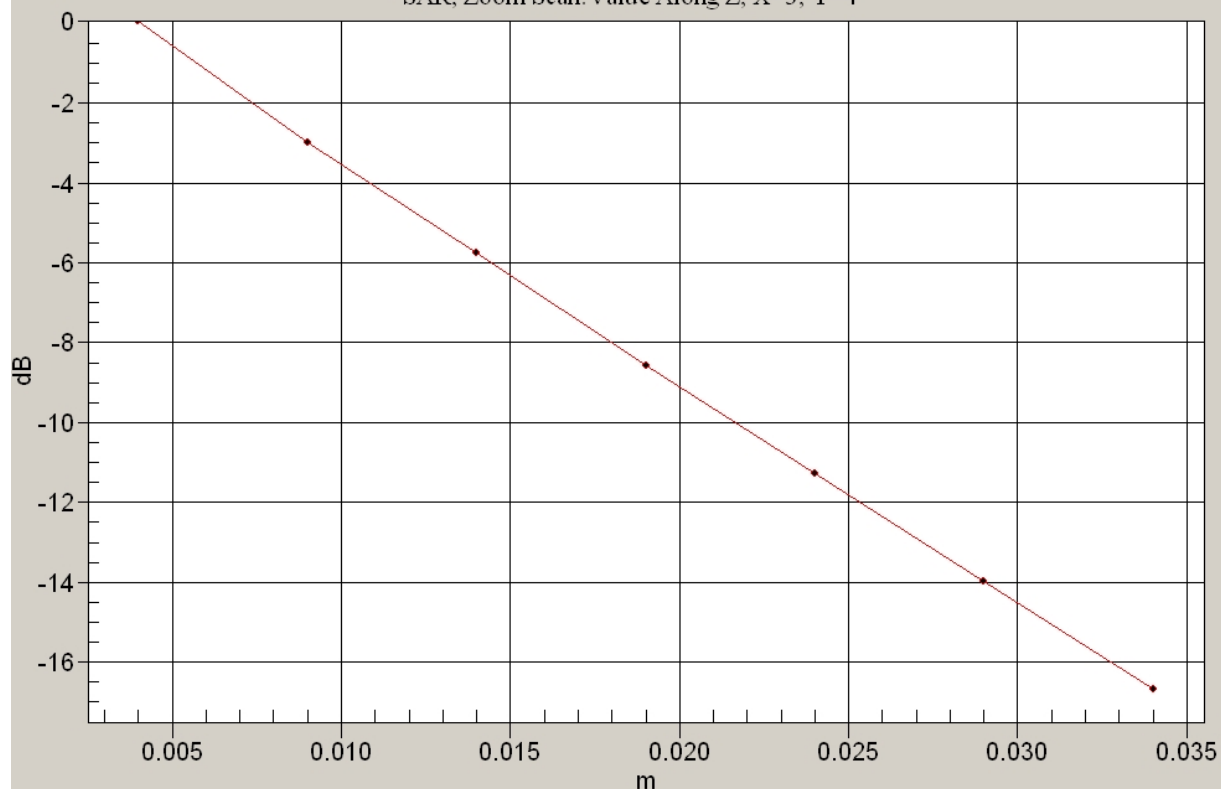
SAR MEASUREMENT PLOT 64

Ambient Temperature
Liquid Temperature
Humidity

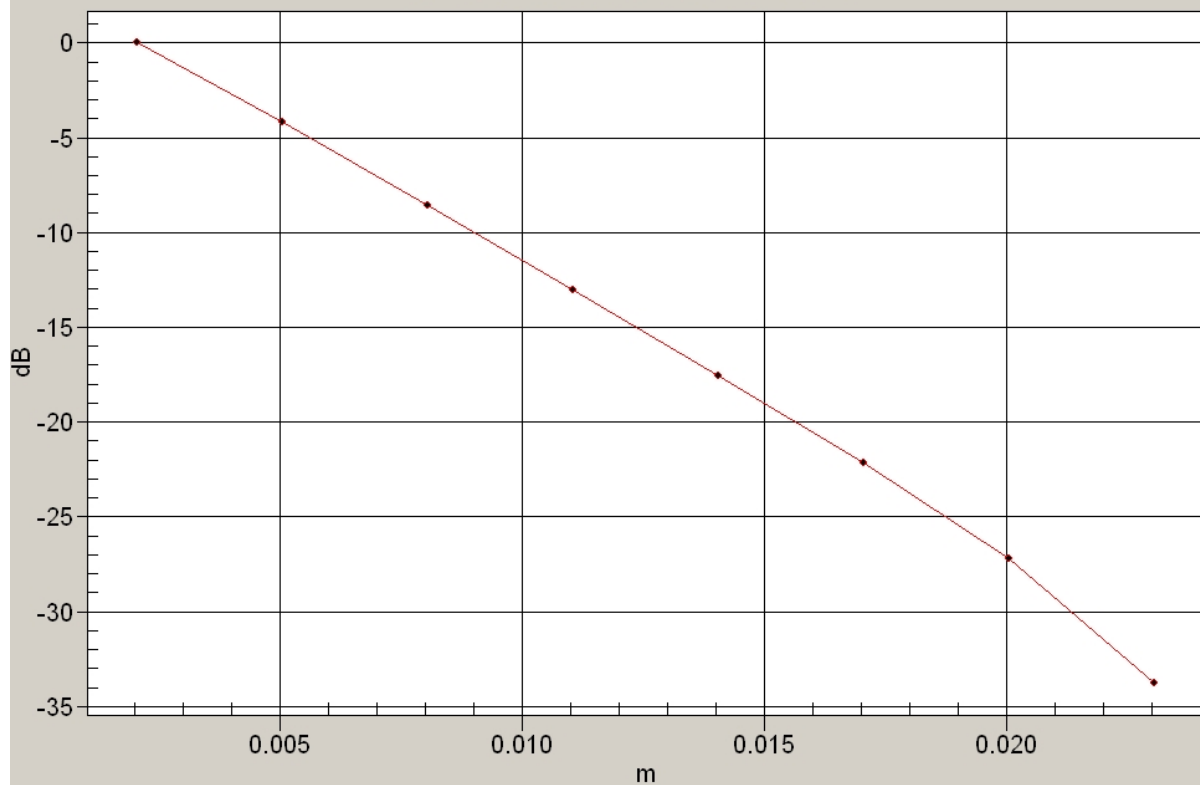
22.2 Degrees Celsius
21.5 Degrees Celsius
65.0 %

Validation 2450MHz 31-01-08

SAR; Zoom Scan: Value Along Z, X=3, Y=4

**Validation 5.8 GHz 05-02-08**

SAR; Zoom Scan: Value Along Z, X=3, Y=3



Test Date: 11 February 2008

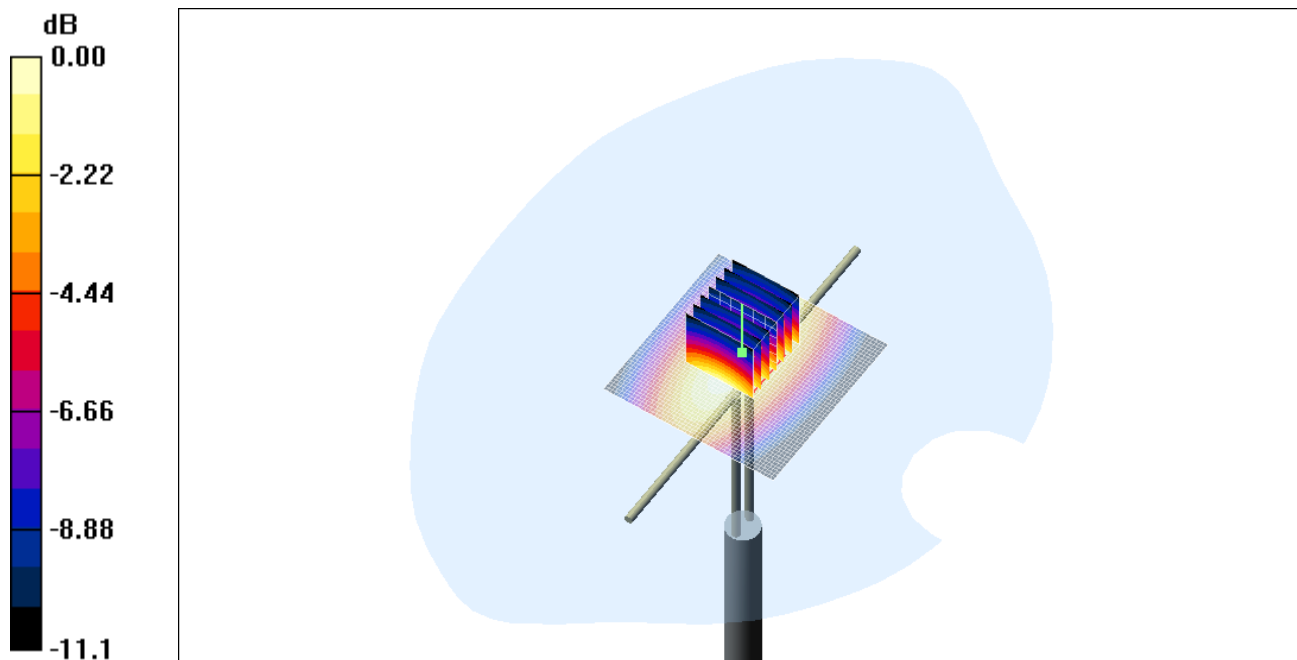
File Name: [Validation 900 MHz \(DAE442 Probe1377\) 11-02-08.da4](#)

DUT: Dipole 900 MHz; Type: DV900; Serial: 047

- * Communication System: CW 900 MHz; Frequency: 900 MHz; Duty Cycle: 1:1
- * Medium parameters used: $\sigma = 0.966367$ mho/m, $\epsilon_r = 42.2507$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(6.43, 6.43, 6.43)
- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.90 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.5 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 4.10 W/kg
SAR(1 g) = 2.69 mW/g; SAR(10 g) = 1.73 mW/g
Maximum value of SAR (measured) = 2.94 mW/g



0 dB = 2.94mW/g

SAR MEASUREMENT PLOT 65

Ambient Temperature
Liquid Temperature
Humidity

21.9 Degrees Celsius
21.5 Degrees Celsius
57.0 %

Test Date: 11 February 2008

File Name: [Validation 5800MHz \(DAE 442 Probe EX3DV4\) 11-02-08.da4](#)

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

* Communication System: CW 5800 MHz; Frequency: 5800 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.33472$ mho/m, $\epsilon_r = 34.2495$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.65, 3.65, 3.65)

- 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) = 37.7 mW/g

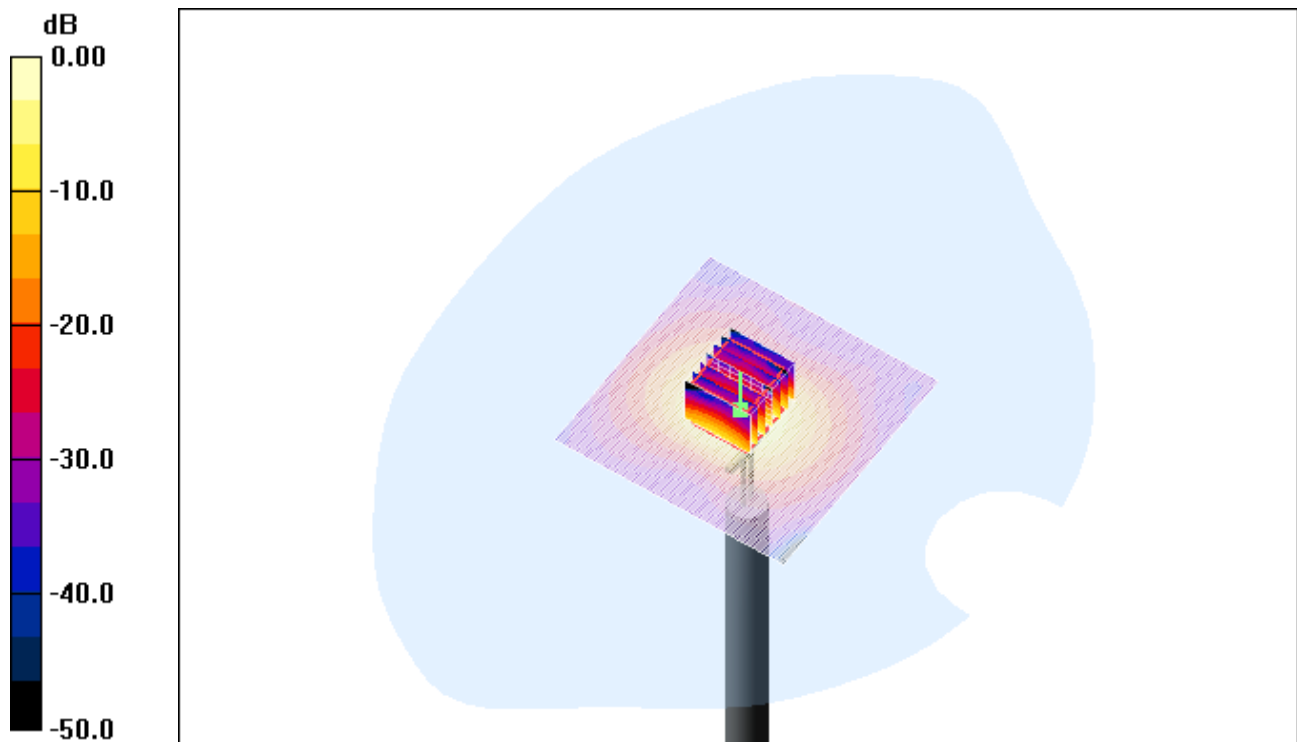
Channel 1 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 86.7 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 78.1 W/kg

SAR(1 g) = 18 mW/g; SAR(10 g) = 5.07 mW/g

Maximum value of SAR (measured) = 38.8 mW/g



0 dB = 38.8mW/g

SAR MEASUREMENT PLOT 66

Ambient Temperature
Liquid Temperature
Humidity

21.9 Degrees Celsius
21.5 Degrees Celsius
57.0 %

