

Test Date: 04 September 2008

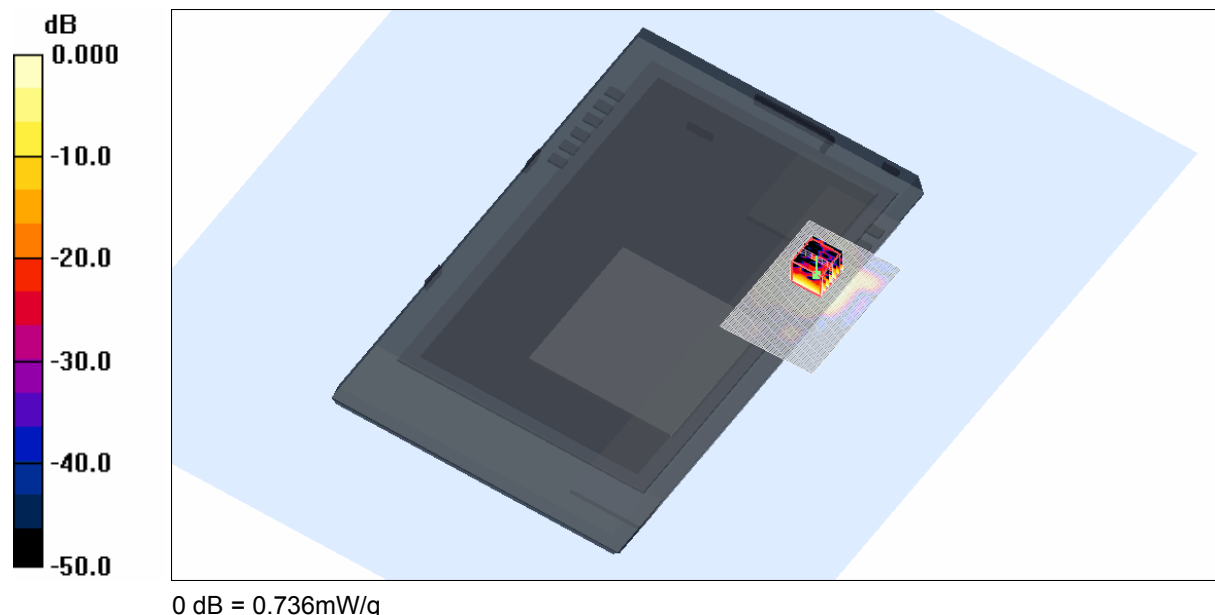
File Name: Tablet OFDM 5.8 GHz Antenna A 04-09-08.da4

DUT: **Fujitsu Tablet Oneya with SP 3x3 abgn; Type: HMW_533AN; Serial: MAC: 0016EA16277E**

- * Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5786.2$ MHz; $\sigma = 6.14$ mho/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.71, 3.71, 3.71)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.760 mW/g

Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.89 V/m; Power Drift = 0.267 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.129 mW/g
Maximum value of SAR (measured) = 0.736 mW/g



SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
36.0 %



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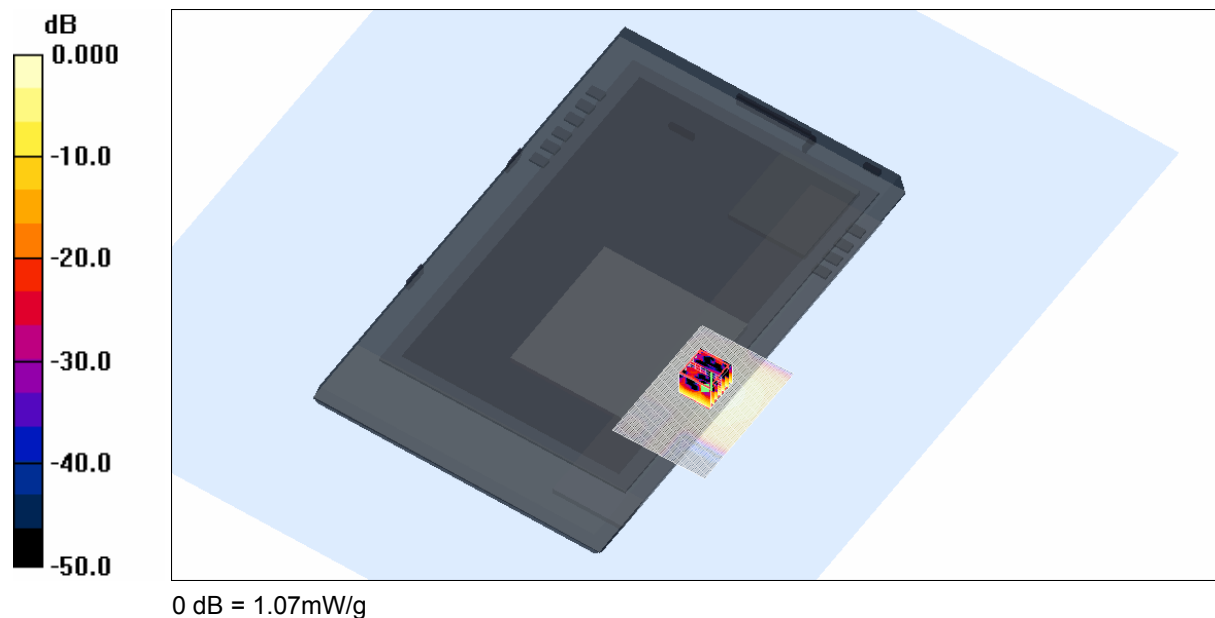
File Name: Tablet OFDM 5.8 GHz Antenna B 04-09-08.da4

DUT: **Fujitsu Tablet Oneya with SP 3x3 abgn; Type: HMW_533AN; Serial: MAC: 0016EA16277E**

- * Communication System: OFDM 5770 MHz; Frequency: 5745 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5742.4$ MHz; $\sigma = 6.05$ mho/m; $\epsilon_r = 46.8$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.71, 3.71, 3.71)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 149 Test/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Channel 149 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.51 V/m; Power Drift = 0.139 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 0.556 mW/g; SAR(10 g) = 0.199 mW/g
Maximum value of SAR (measured) = 1.07 mW/g



SAR MEASUREMENT PLOT 12

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
36.0 %



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Test Date: 04 September 2008

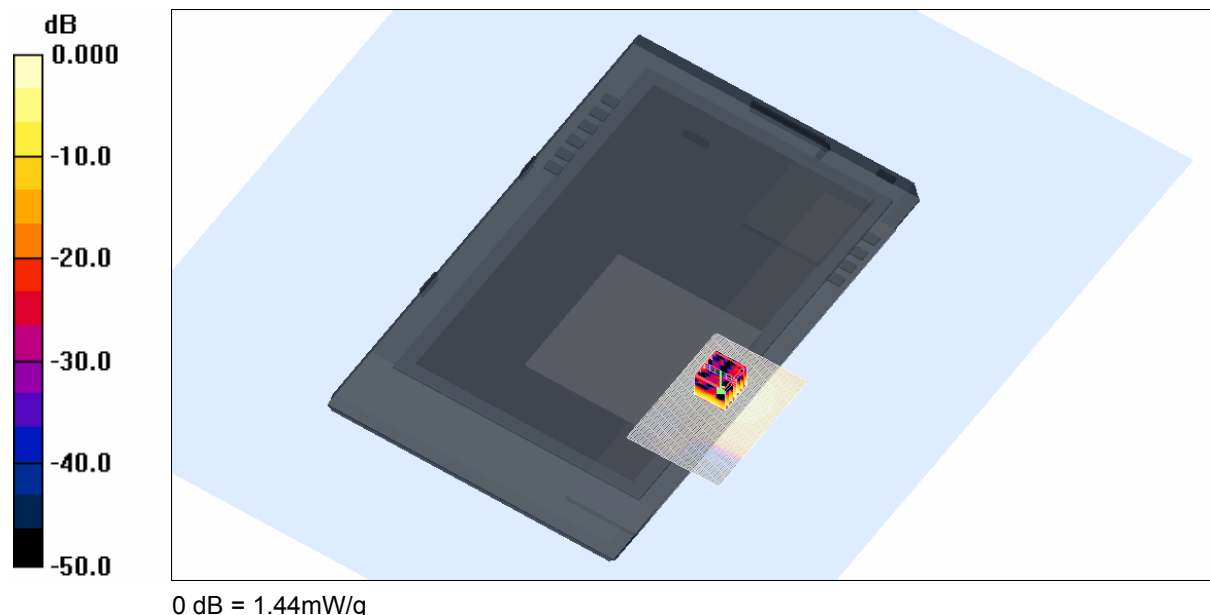
File Name: Tablet OFDM 5.8 GHz Antenna B 04-09-08.da4

DUT: **Fujitsu Tablet Oneya with SP 3x3 abgn; Type: HMW_533AN; Serial: MAC: 0016EA16277E**

- * Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5786.2$ MHz; $\sigma = 6.14$ mho/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.71, 3.71, 3.71)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.48 mW/g

Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.41 V/m; Power Drift = -0.318 dB
Peak SAR (extrapolated) = 2.80 W/kg
SAR(1 g) = 0.716 mW/g; SAR(10 g) = 0.254 mW/g
Maximum value of SAR (measured) = 1.44 mW/g



SAR MEASUREMENT PLOT 13

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
36.0 %



Test Date: 04 September 2008

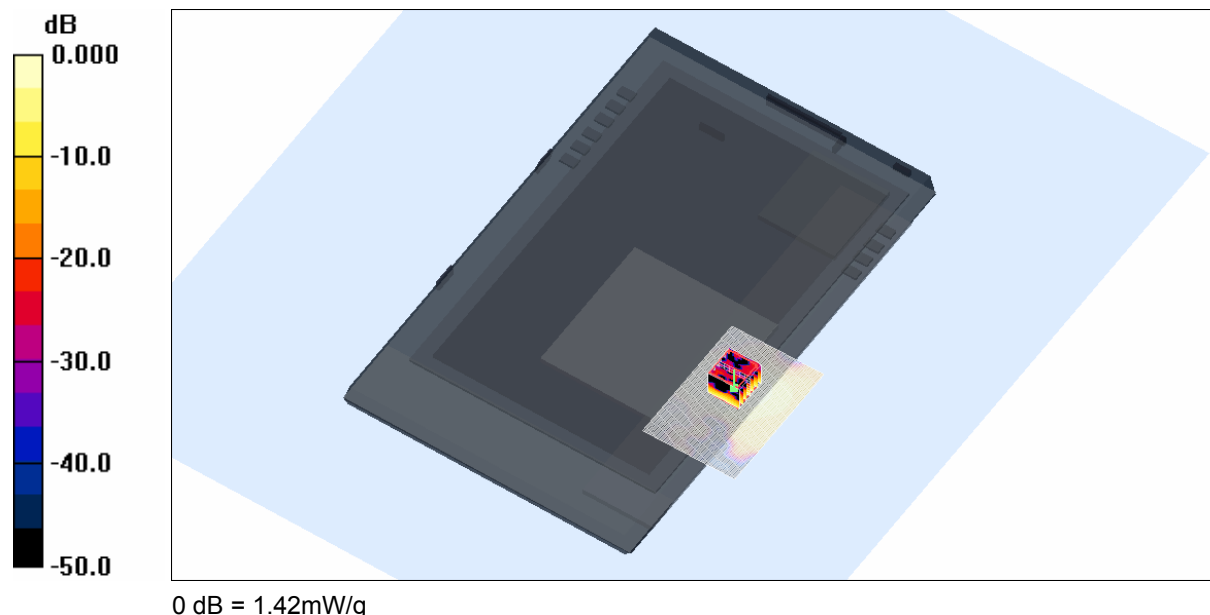
File Name: Tablet OFDM 5.8 GHz Antenna B 04-09-08.da4

DUT: **Fujitsu Tablet Oneya with SP 3x3 abgn; Type: HMW_533AN; Serial: MAC: 0016EA16277E**

- * Communication System: OFDM 5770 MHz; Frequency: 5825 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5830$ MHz; $\sigma = 6.19$ mho/m; $\epsilon_r = 46.6$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.71, 3.71, 3.71)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 165 Test/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.40 mW/g

Channel 165 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.73 V/m; Power Drift = -0.087 dB
Peak SAR (extrapolated) = 2.81 W/kg
SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.261 mW/g
Maximum value of SAR (measured) = 1.42 mW/g



SAR MEASUREMENT PLOT 14

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
36.0 %



Test Date: 04 September 2008

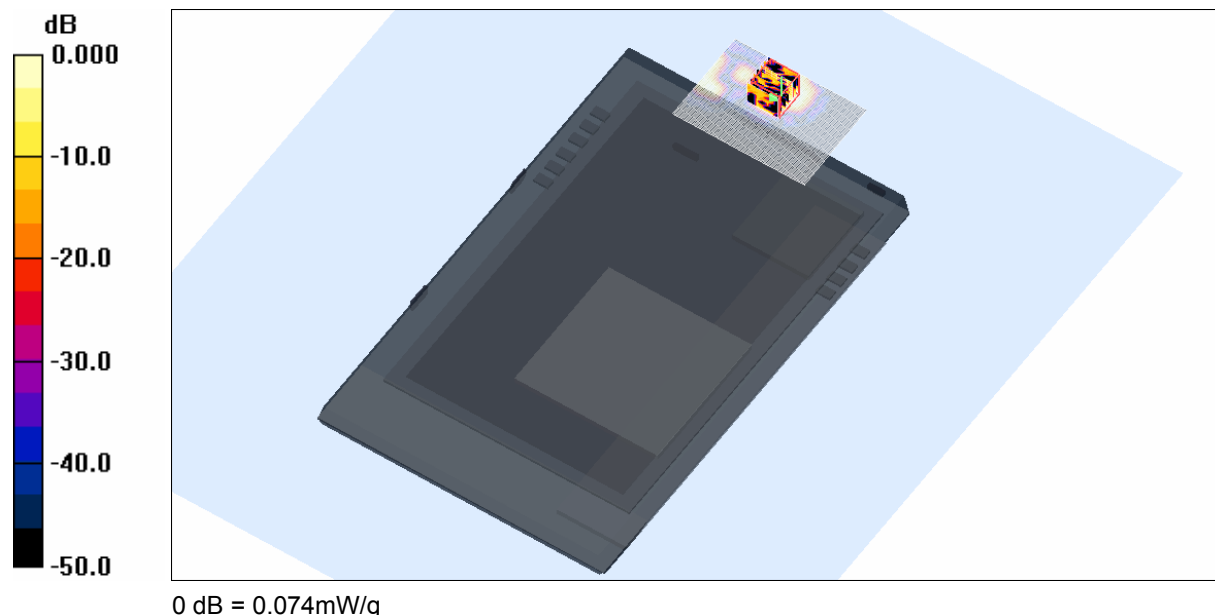
File Name: Tablet OFDM 5.8 GHz Antenna C 04-09-08.da4

DUT: **Fujitsu Tablet Oneya with SP 3x3 abgn; Type: HMW_533AN; Serial: MAC: 0016EA16277E**

- * Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5786.2$ MHz; $\sigma = 6.14$ mho/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.71, 3.71, 3.71)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (101x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.143 mW/g

Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.98 V/m; Power Drift = 0.466 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.00977 mW/g
Maximum value of SAR (measured) = 0.074 mW/g

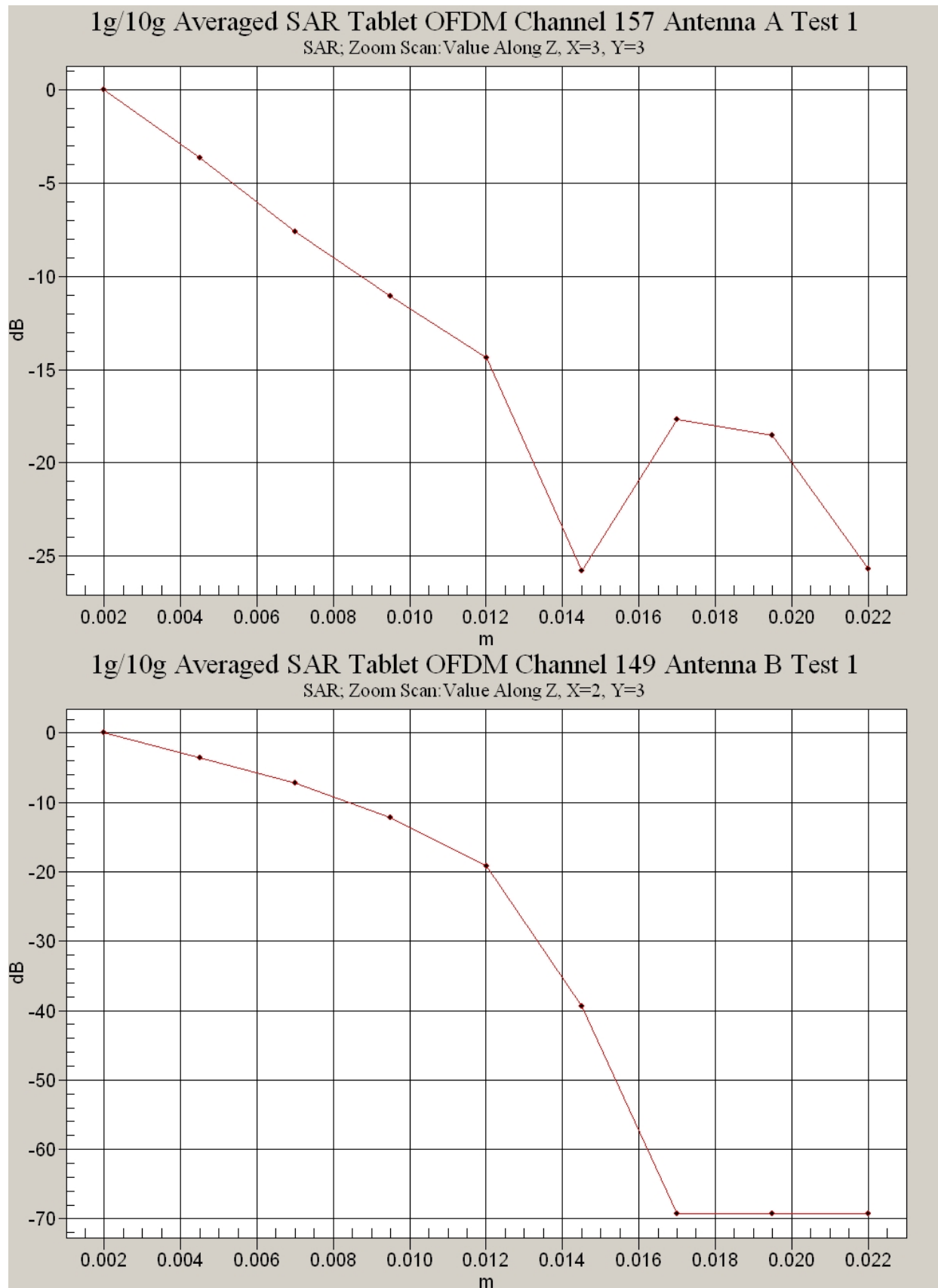


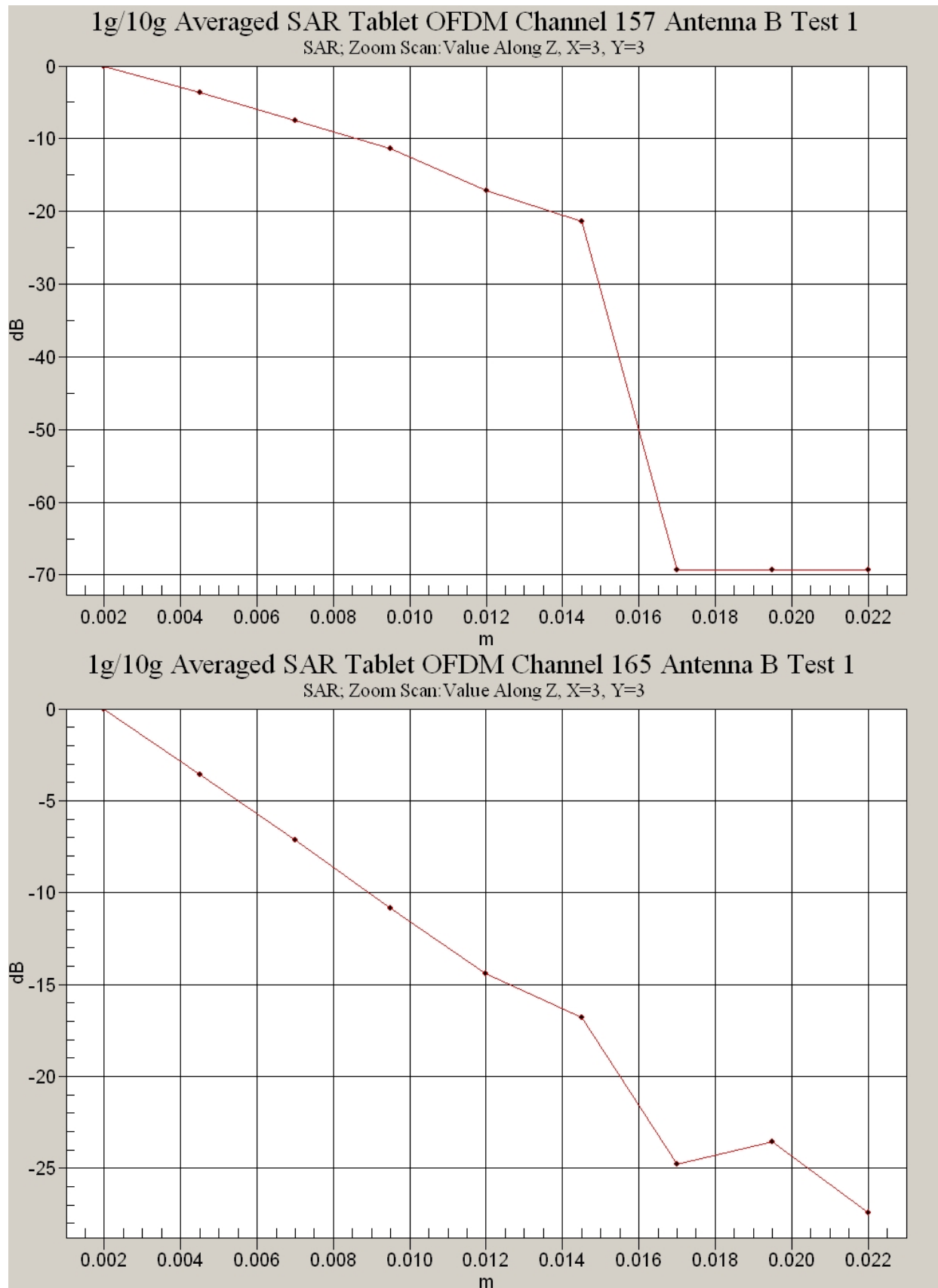
SAR MEASUREMENT PLOT 15

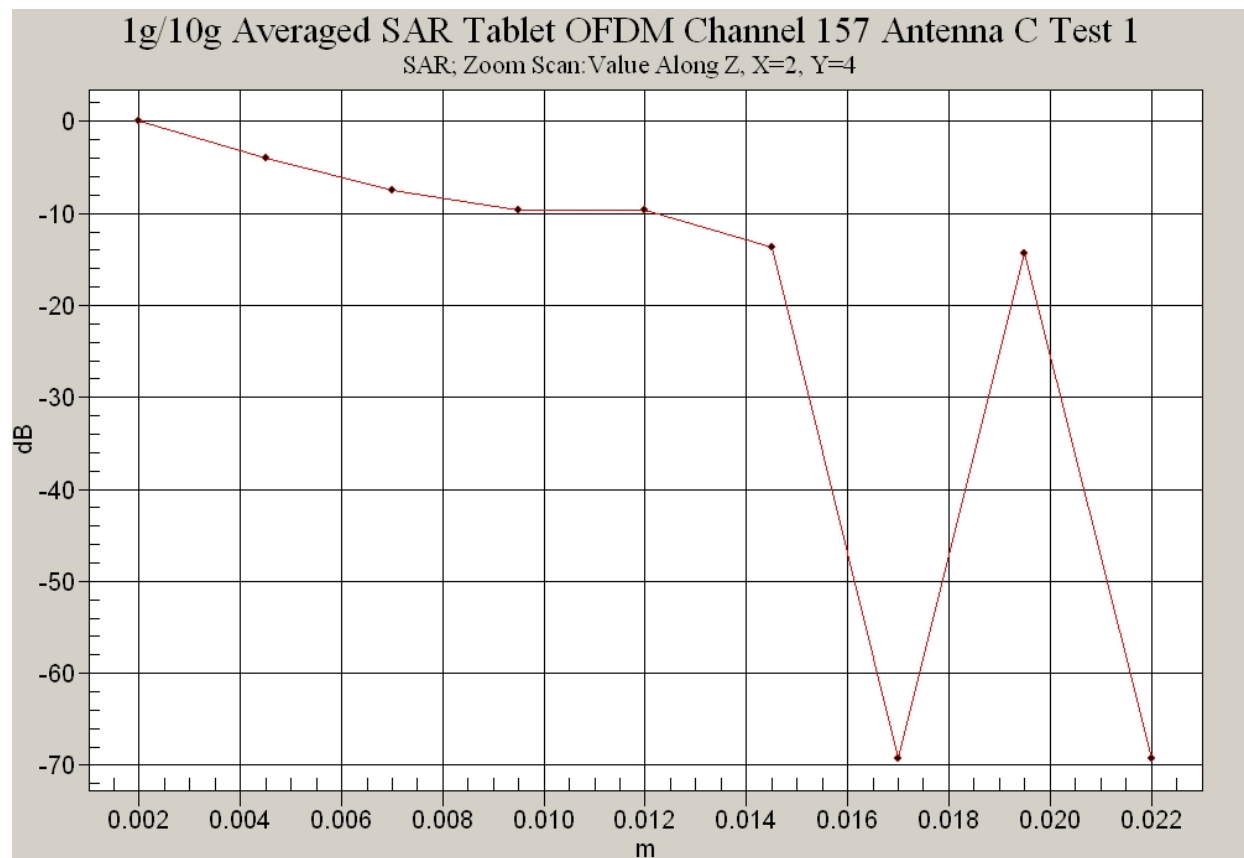
Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
36.0 %









Test Date: 06 September 2008

File Name: Validation 5200MHz (DAE 442 Probe EX3DV4) 06-09-08.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: $f = 5202.2$ MHz; $\sigma = 4.84$ mho/m; $\epsilon_r = 35.4$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.3, 4.3, 4.3)

- 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) = 48.8 mW/g

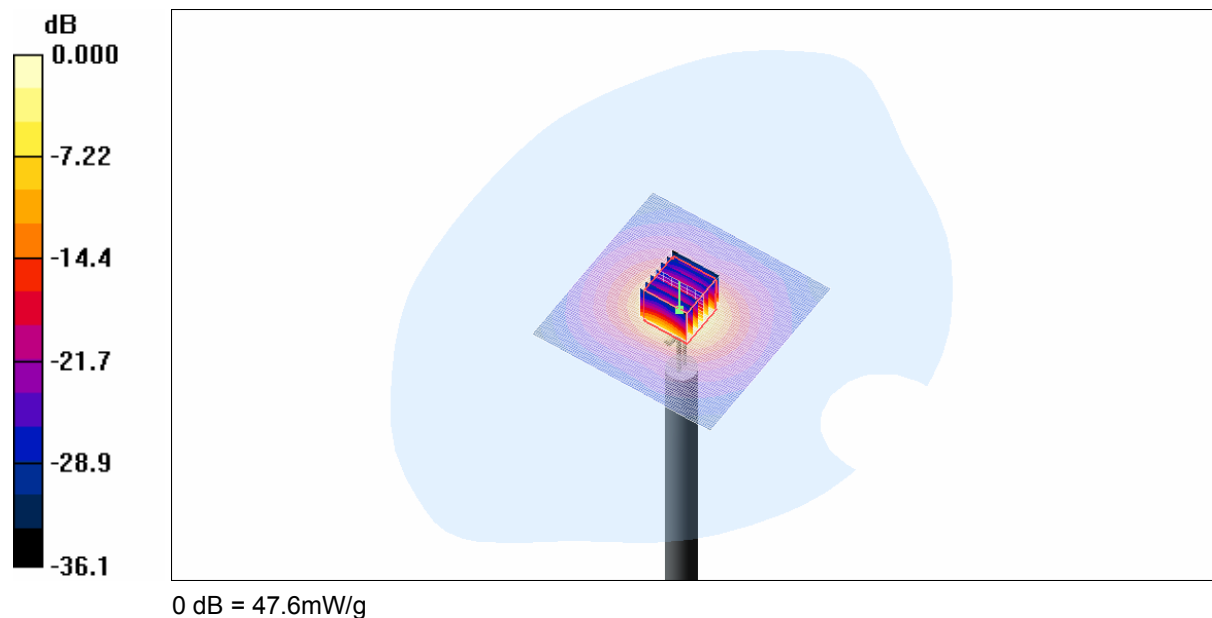
Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 105.9 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 90.0 W/kg

SAR(1 g) = 22.9 mW/g; SAR(10 g) = 6.5 mW/g

Maximum value of SAR (measured) = 47.6 mW/g



SAR MEASUREMENT PLOT 16

Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
20.1 Degrees Celsius
39.0 %



Test Date: 03 September 2008

File Name: Validation 5500MHz (DAE 442 Probe EX3DV4) 03-09-08.da4

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

* Communication System: CW 5500 MHz; Frequency: 5500 MHz; Duty Cycle: 1:1

* Medium parameters used: $f = 5494.2$ MHz; $\sigma = 5.13$ mho/m; $\epsilon_r = 34.2$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4, 4, 4)

- 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) = 46.7 mW/g

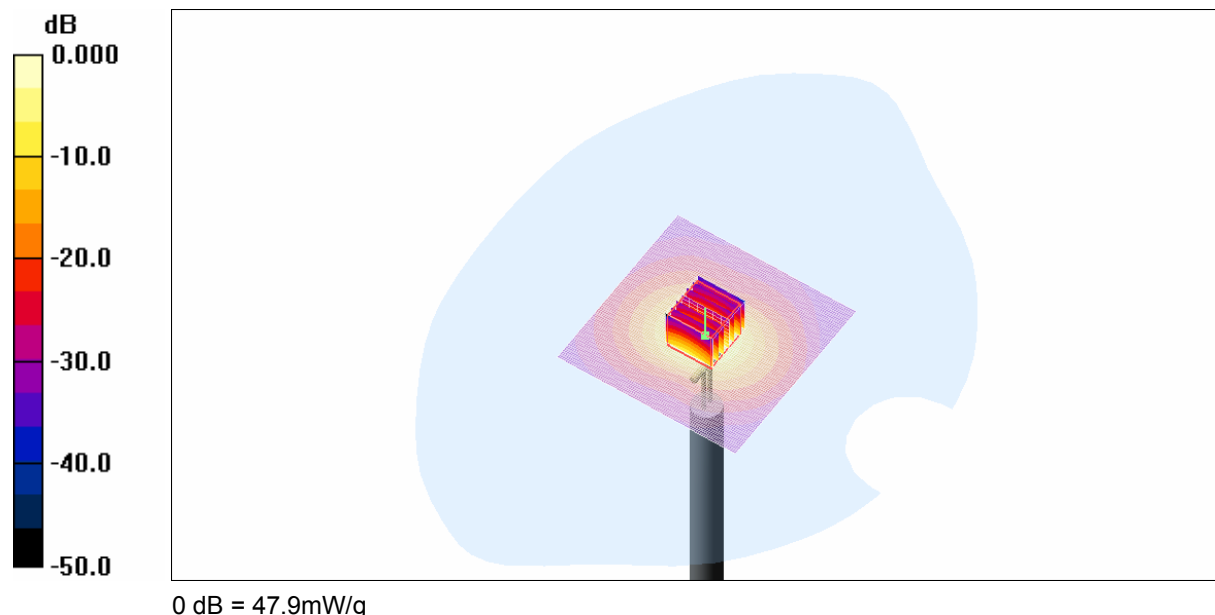
Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 99.8 V/m; Power Drift = 0.223 dB

Peak SAR (extrapolated) = 94.5 W/kg

SAR(1 g) = 22.6 mW/g; SAR(10 g) = 6.35 mW/g

Maximum value of SAR (measured) = 47.9 mW/g



SAR MEASUREMENT PLOT 17

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
47.0 %



Test Date: 04 September 2008

File Name: Validation 5800MHz (DAE 442 Probe EX3DV4) 04-09-08.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: $f = 5800.8$ MHz; $\sigma = 5.51$ mho/m; $\epsilon_r = 33.9$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.87, 3.87, 3.87)

- 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) = 49.5 mW/g

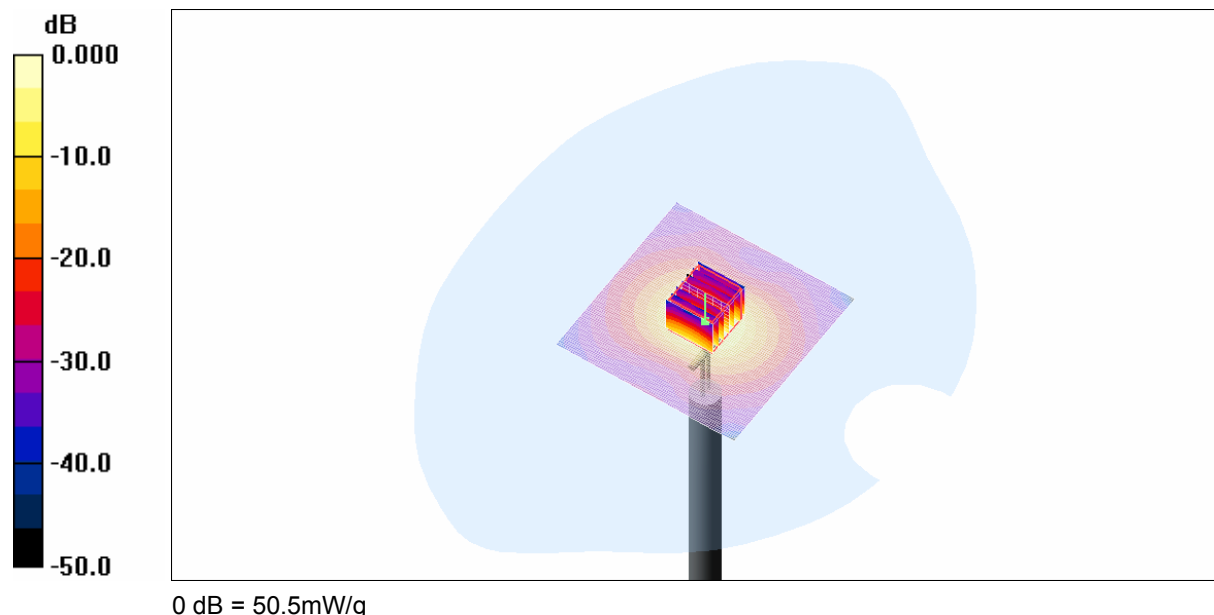
Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 100.7 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 104.9 W/kg

SAR(1 g) = 23.4 mW/g; SAR(10 g) = 6.58 mW/g

Maximum value of SAR (measured) = 50.5 mW/g



SAR MEASUREMENT PLOT 18

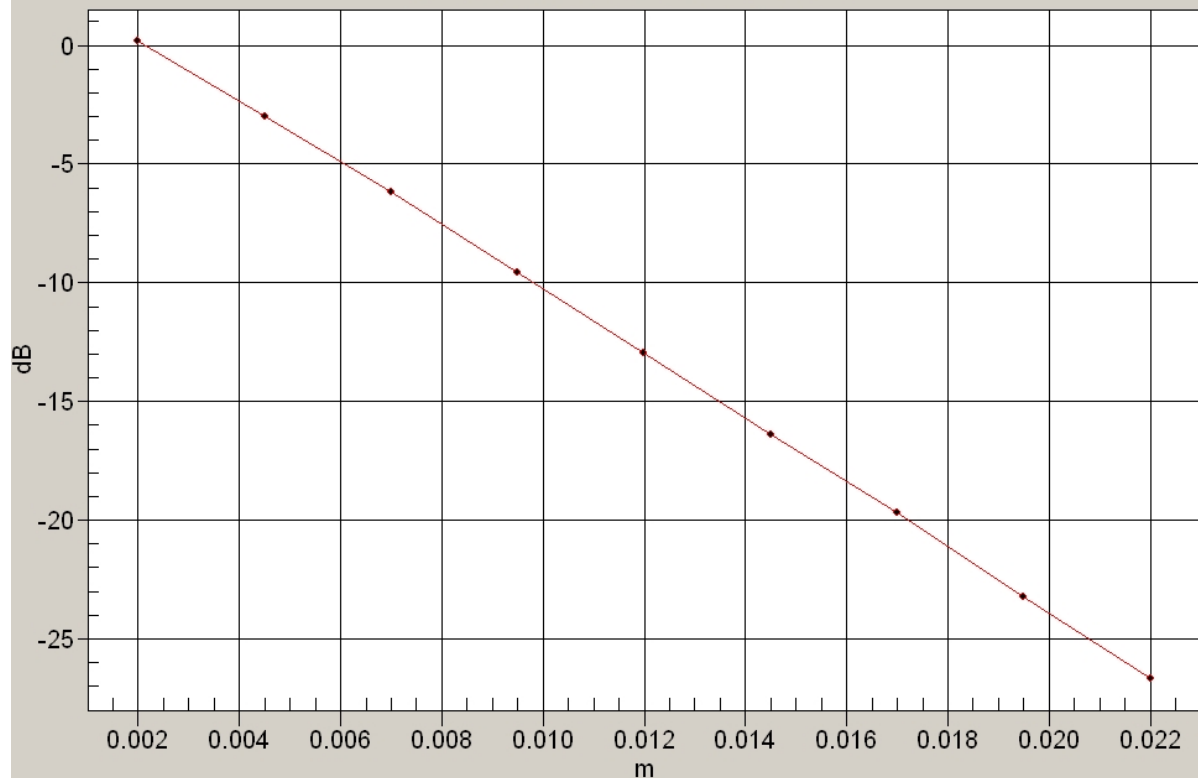
Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
36.0 %



1g/10g Averaged SAR Validation 5200 MHz 06-09-08

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



1g/10g Averaged SAR Validation 5500MHz 03-09-08

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

