

Test Date: 04 September 2008

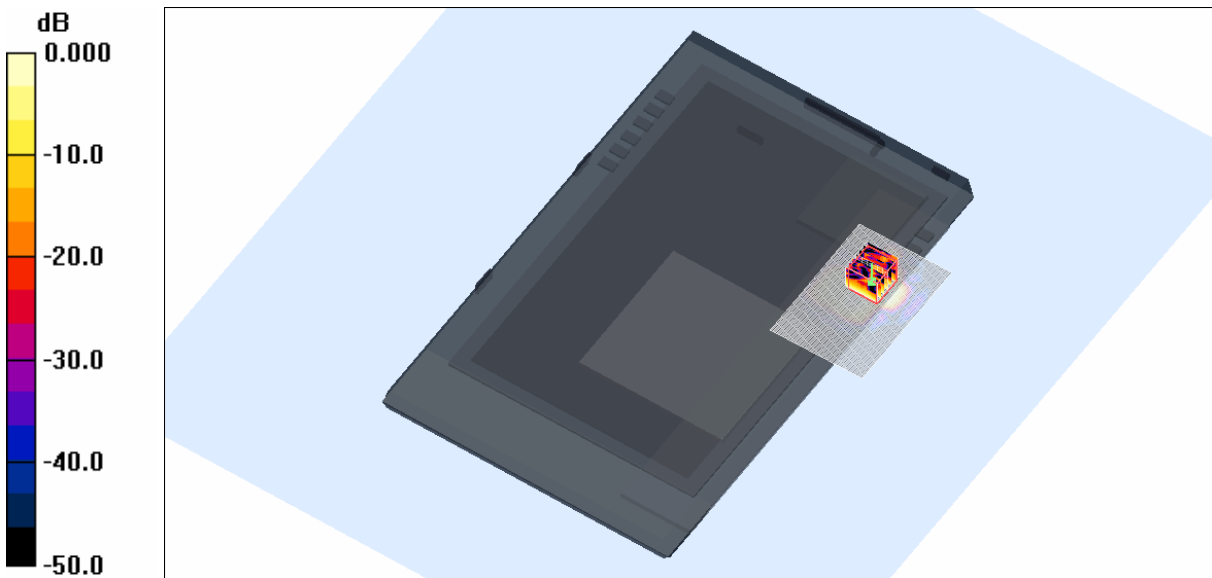
File Name: Tablet OFDM 5.8 GHz Antenna A 04-09-08.da4

DUT: **Fujitsu Tablet Oneya with HB92 2x2 abgn; Type: AR5BHB92; Serial: MAC:**

- * 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) = 0.407 mW/g

Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.22 V/m; Power Drift = -0.424 dB
Peak SAR (extrapolated) = 0.604 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.327 mW/g



0 dB = 0.327mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
36.0 %



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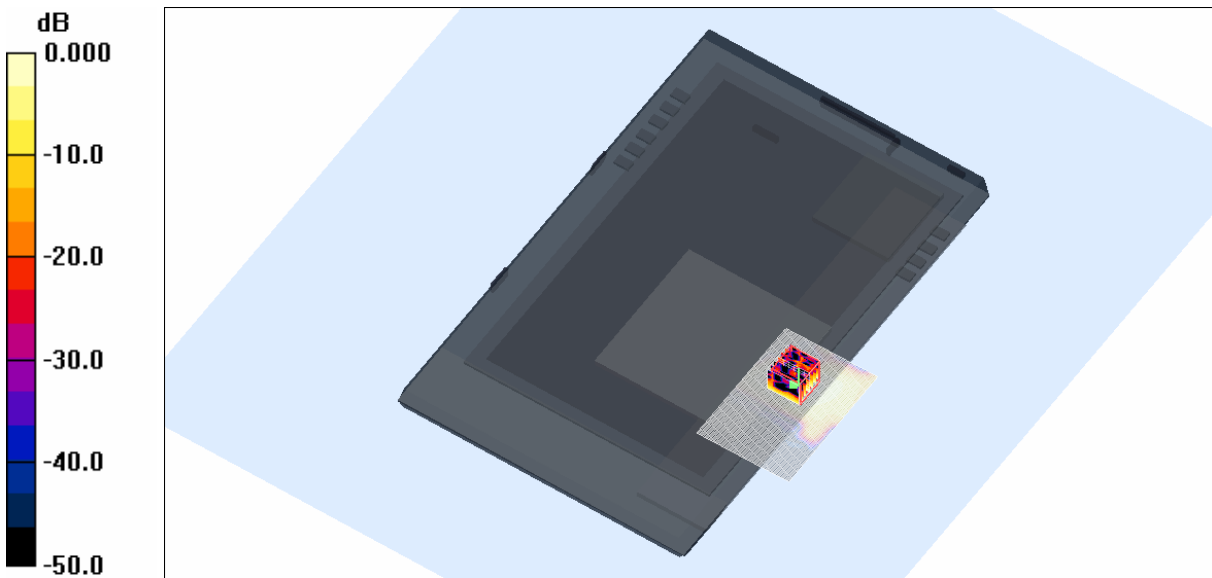
File Name: Tablet OFDM 5.8 GHz Antenna B 04-08-08.da4

DUT: **Fujitsu Tablet Oneya with HB92 2x2 abgn; Type: AR5BHB92; Serial: MAC:**

- * 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) = 0.720 mW/g

Channel 149 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.28 V/m; Power Drift = 0.242 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.651 mW/g



SAR MEASUREMENT PLOT 10

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
36.0 %



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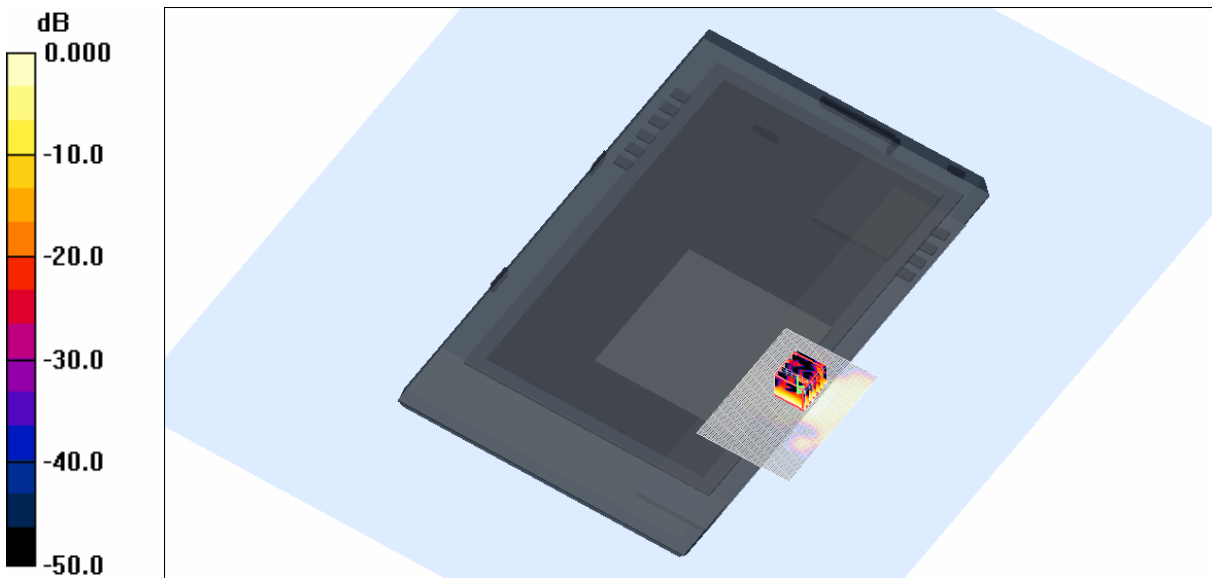
File Name: Tablet OFDM 5.8 GHz Antenna B 04-08-08.da4

DUT: **Fujitsu Tablet Oneya with HB92 2x2 abgn; Type: AR5BHB92; Serial: MAC:**

- * 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) = 0.767 mW/g

Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.56 V/m; Power Drift = -0.421 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.109 mW/g
Maximum value of SAR (measured) = 0.727 mW/g



SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
36.0 %



Test Date: 04 September 2008

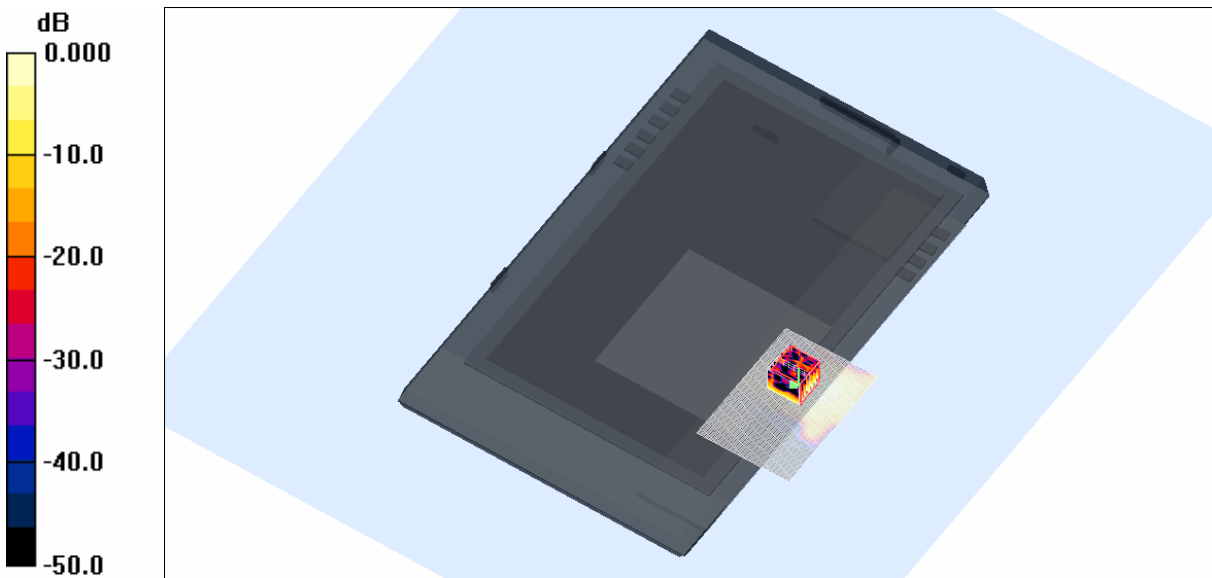
File Name: Tablet OFDM 5.8 GHz Antenna B 04-08-08.da4

DUT: **Fujitsu Tablet Oneya with HB92 2x2 abgn; Type: AR5BHB92; Serial: MAC:**

- * 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) = 0.839 mW/g

Channel 165 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.56 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.824 mW/g



0 dB = 0.824mW/g

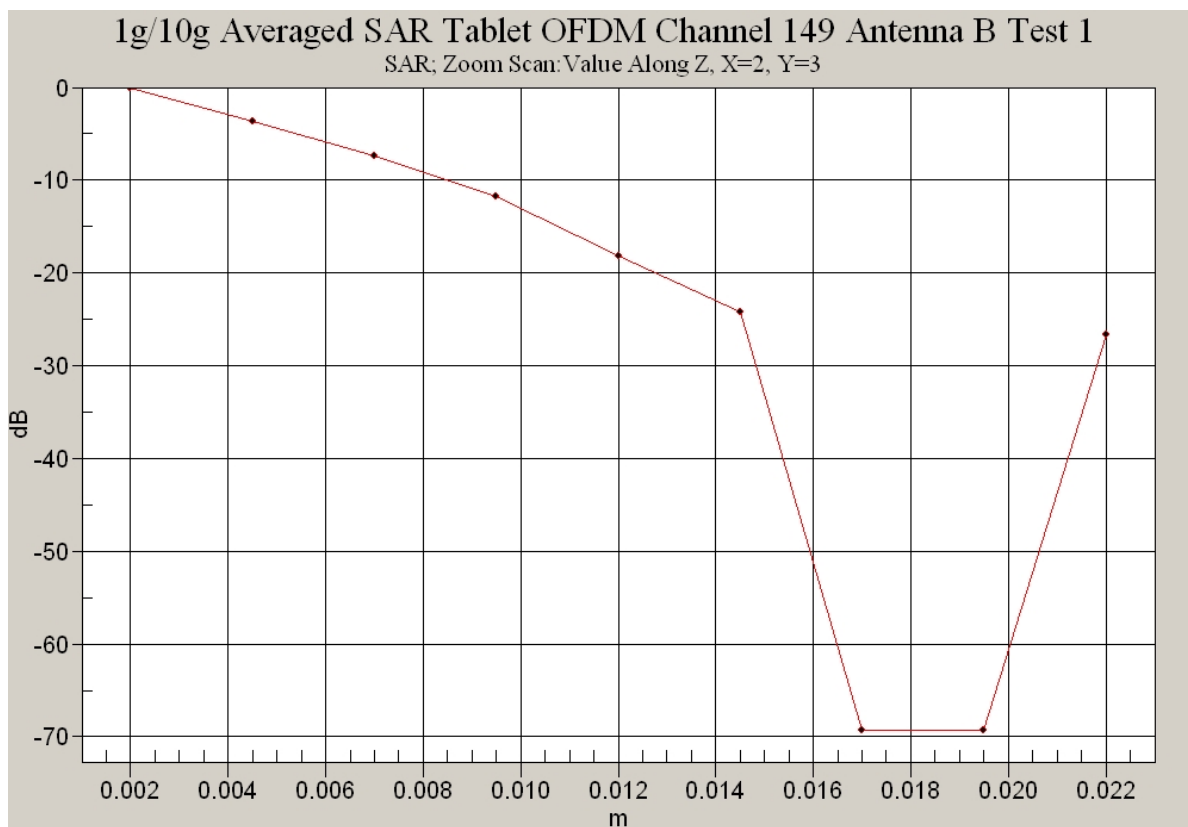
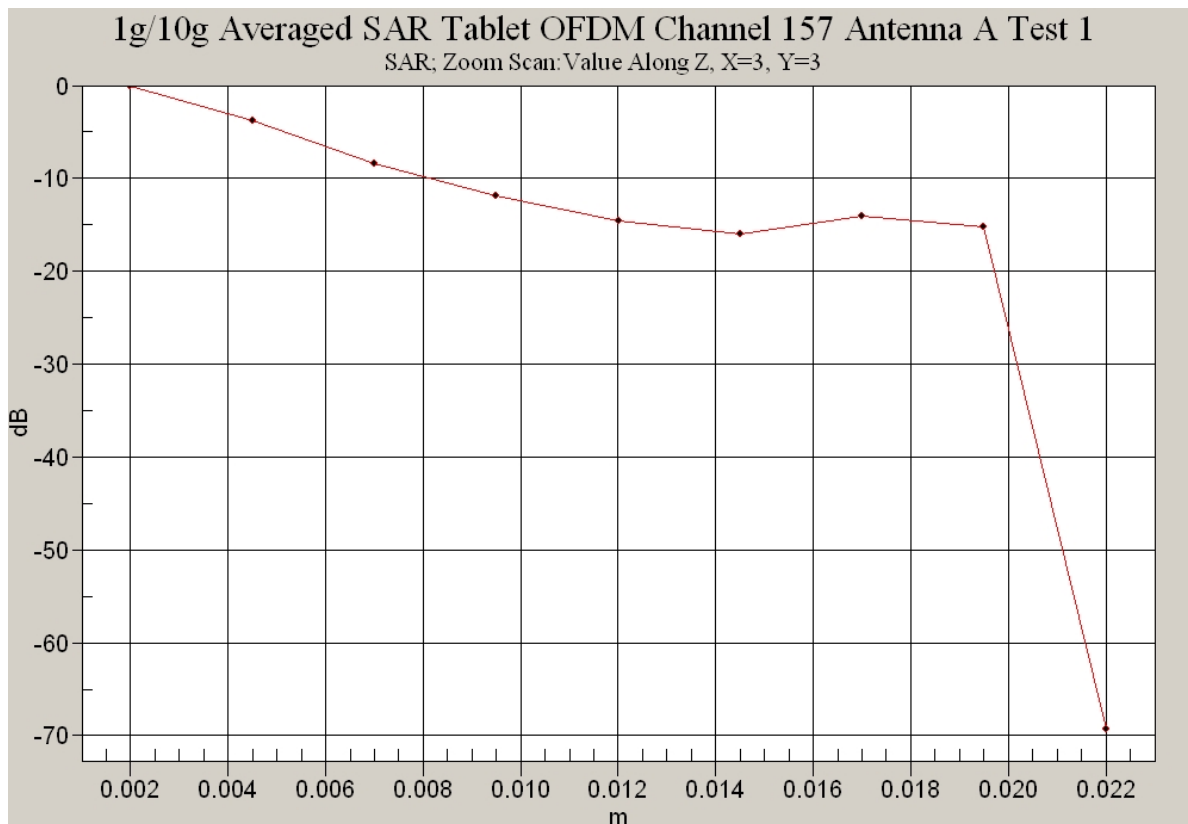
SAR MEASUREMENT PLOT 12

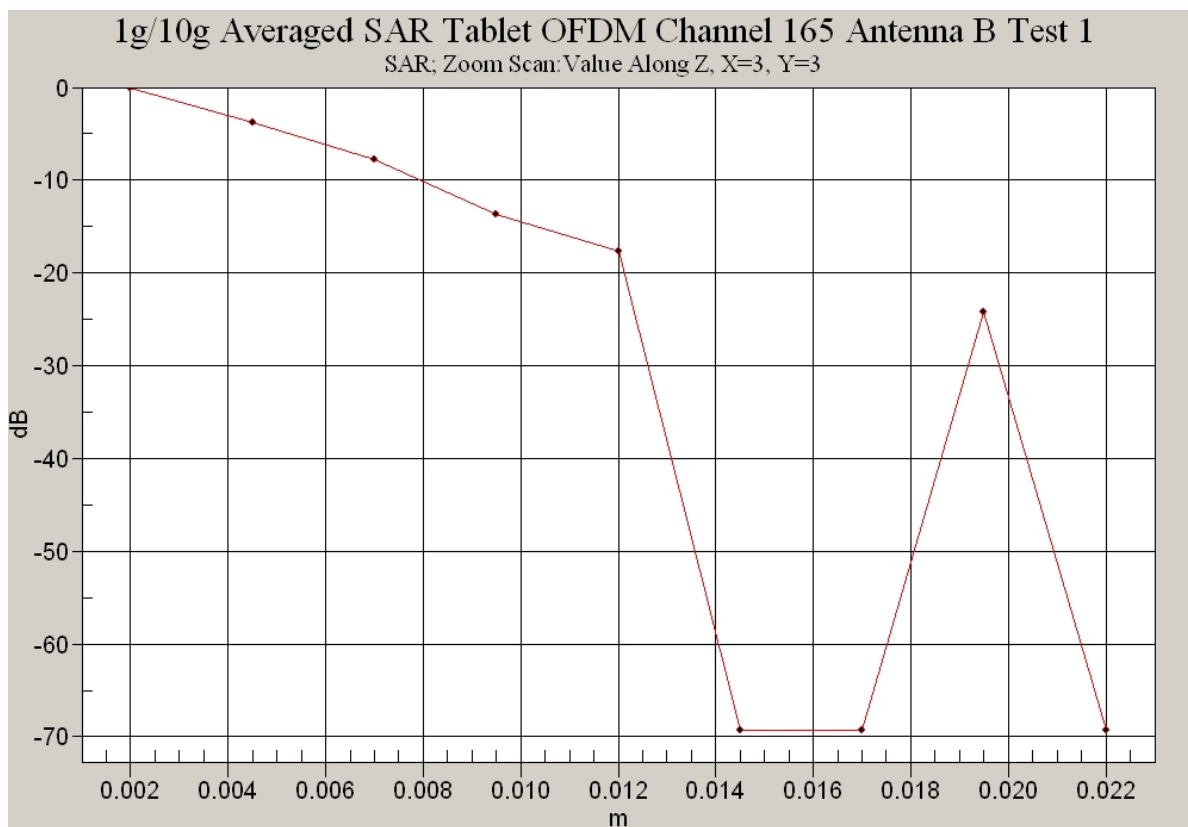
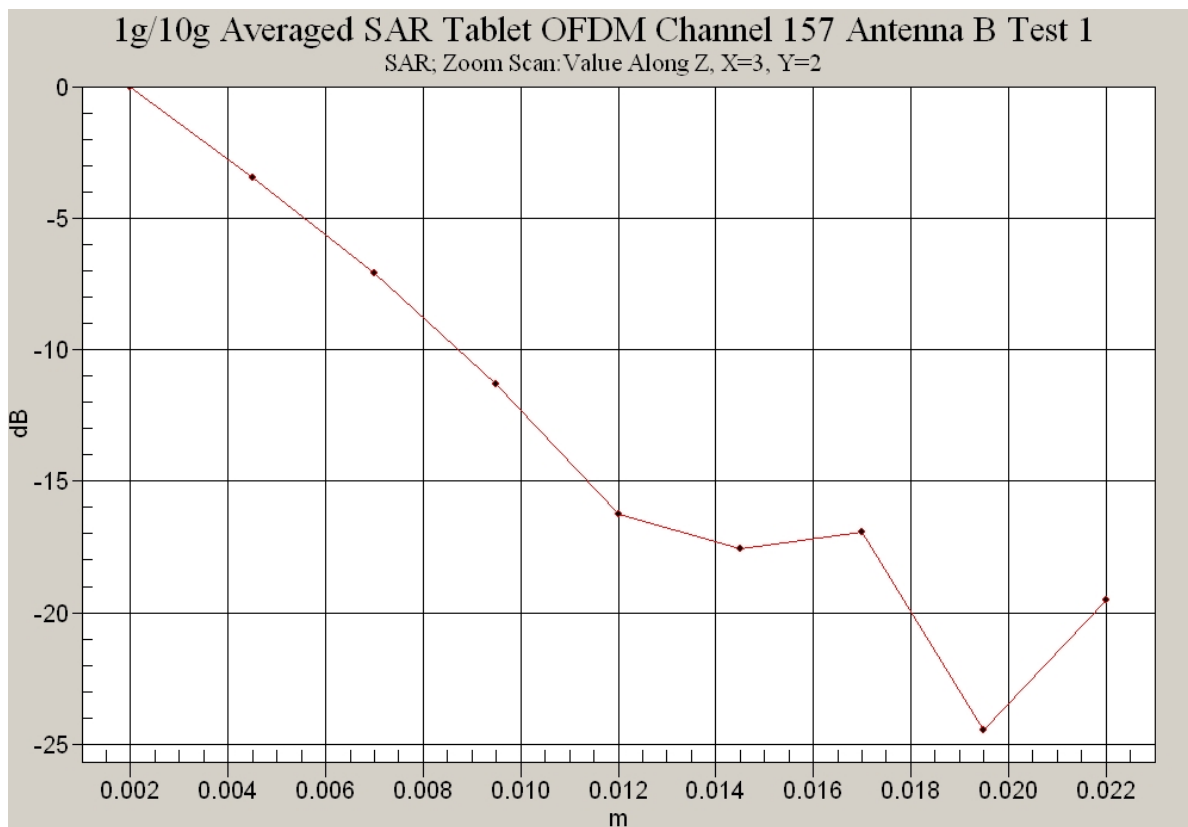
Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
36.0 %



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Test Date: 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

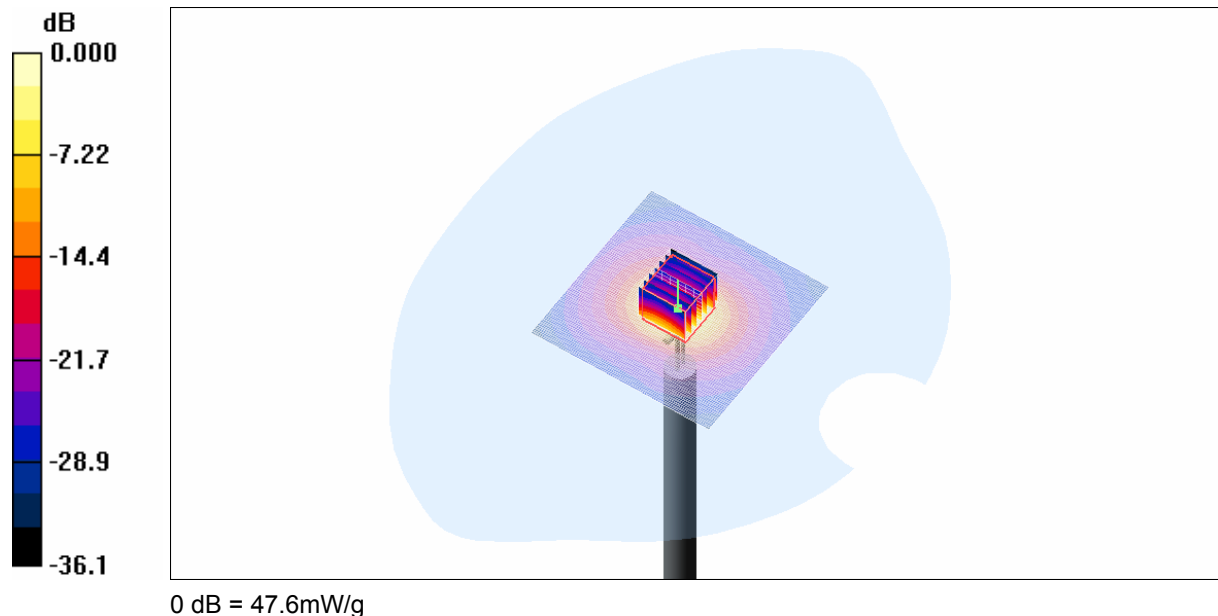
Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

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 13

Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
20.1 Degrees Celsius
39.0 %



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Test Date: 04 September 2008

File Name: Validation 5500MHz (DAE 442 Probe EX3DV4) 04-09-08.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; $\sigma = 5.09$ mho/m; $\epsilon_r = 34.7$; $\rho = 1000$ 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) = 46.0 mW/g

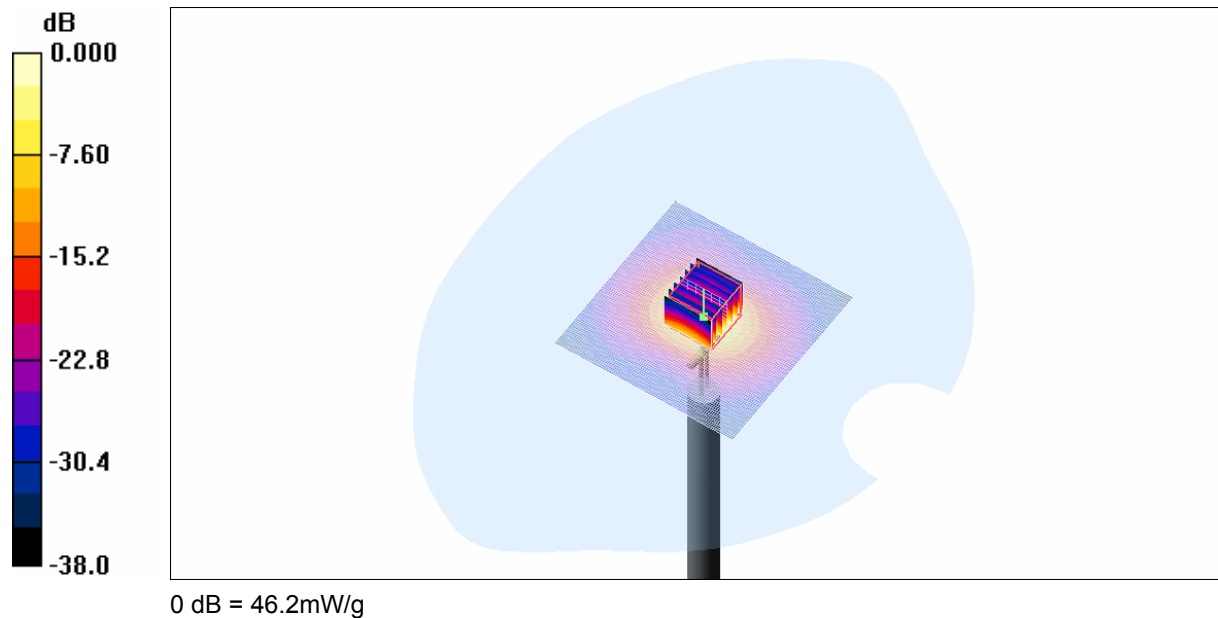
Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 102.7 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 91.7 W/kg

SAR(1 g) = 21.8 mW/g; SAR(10 g) = 6.2 mW/g

Maximum value of SAR (measured) = 46.2 mW/g



SAR MEASUREMENT PLOT 14

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: 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

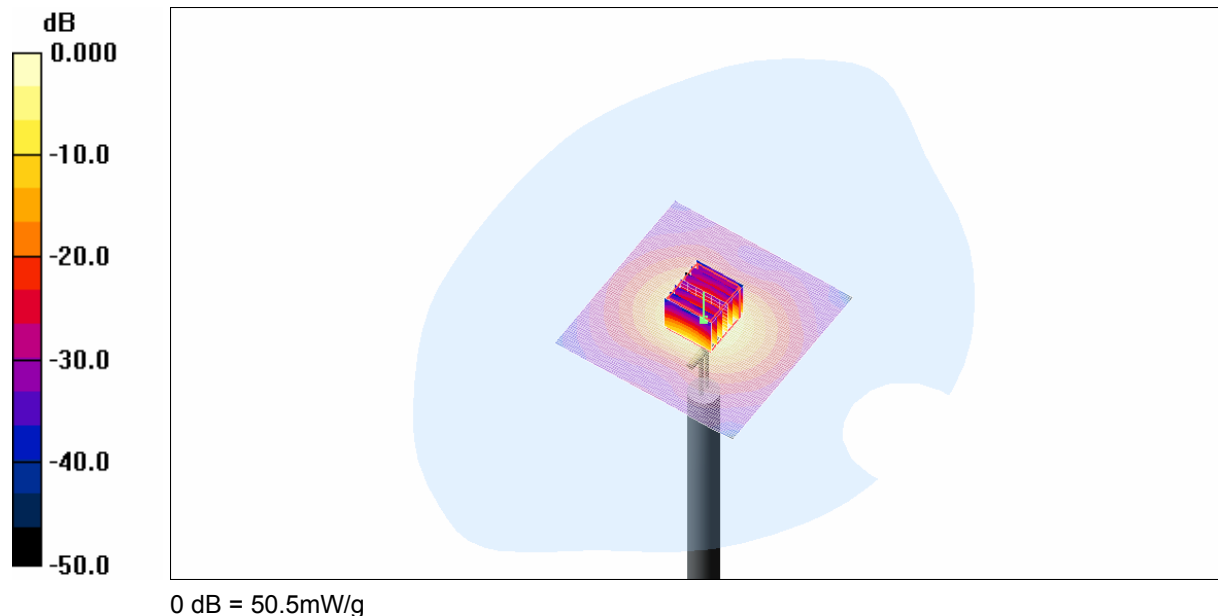
Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

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 15

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
36.0 %



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