

Test Date: 18 April 2007

File Name: Edge On OFDM 5.8 GHz Saratoga Antenna A Bluetooth On Prescan 18-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

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

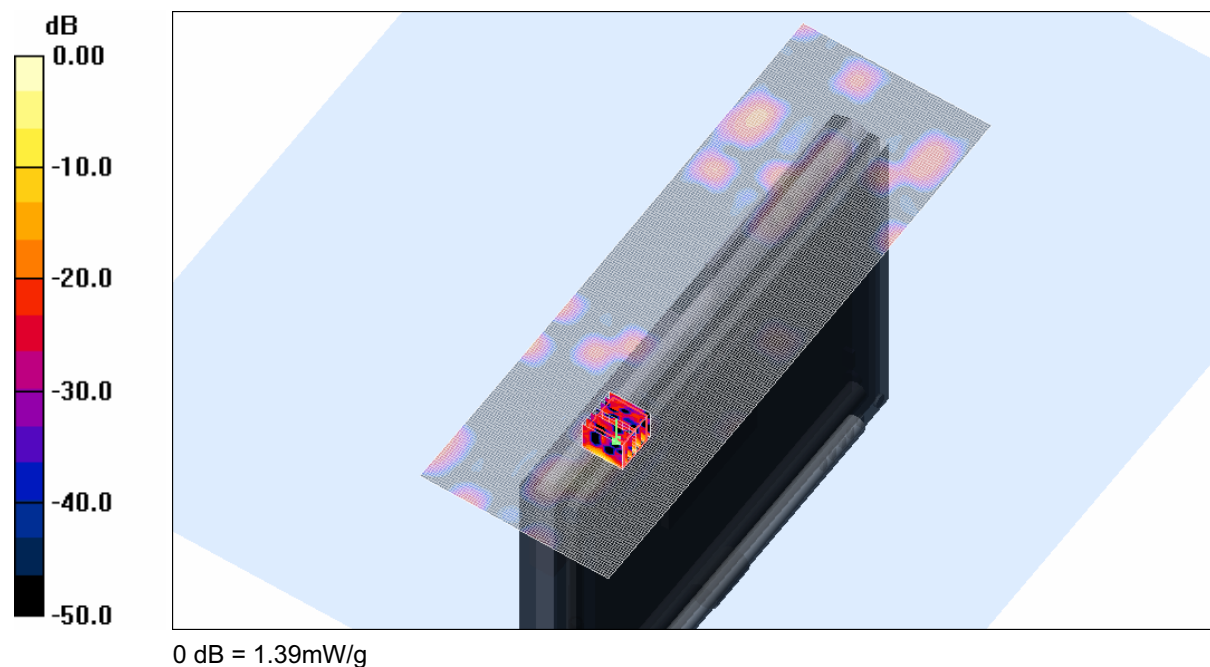
* Medium parameters used: $\sigma = 6.21104$ mho/m, $\epsilon_r = 48.0067$; $\rho = 1000$ kg/m³

- 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 (81x241x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.548 mW/g



SAR MEASUREMENT PLOT 17

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
52.0 %

Test Date: 18 April 2007

File Name: Edge On OFDM (HT8 Mbps 20 MHz) 5.8 GHz Saratoga Antenna A Bluetooth Off 18-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

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

* Medium parameters used: $\sigma = 6.21104$ mho/m, $\epsilon_r = 48.0067$; $\rho = 1000$ 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) = 0.093 mW/g

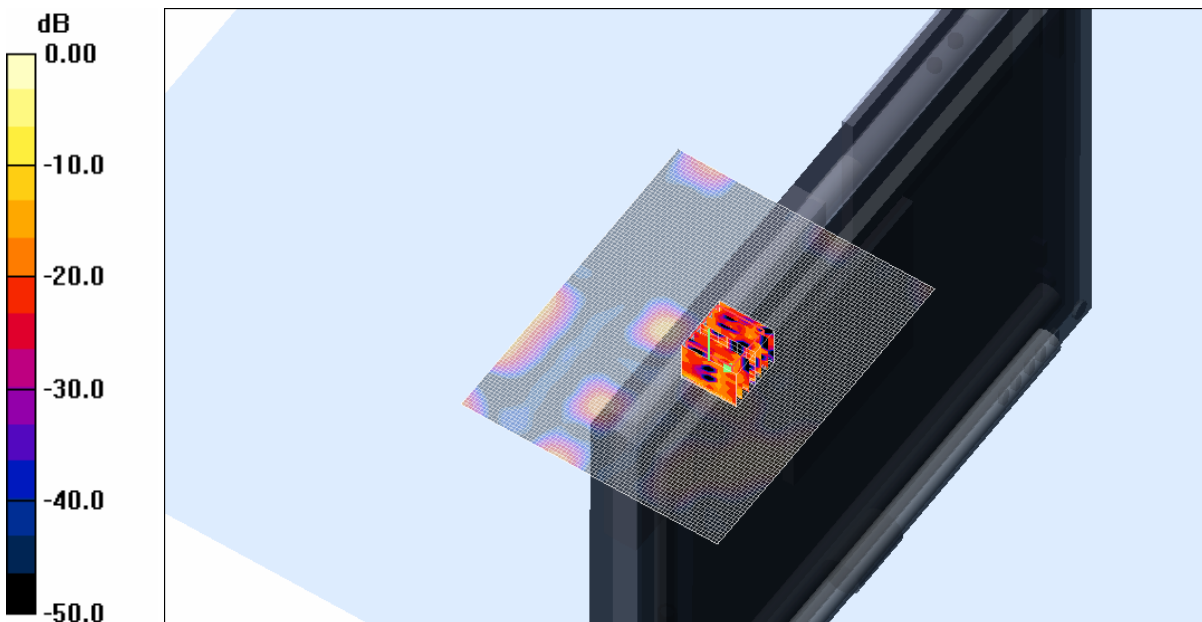
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 4.11 V/m; Power Drift = 0.217 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.466 mW/g



SAR MEASUREMENT PLOT 18

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
52.0 %

Test Date: 18 April 2007

File Name: Edge On OFDM (HT8 Mbps 20 MHz) 5.8 GHz Saratoga Antenna B Bluetooth Off 18-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

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

* Medium parameters used: $\sigma = 6.21104 \text{ mho/m}$, $\epsilon_r = 48.0067$; $\rho = 1000 \text{ kg/m}^3$

- 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) = 0.478 mW/g

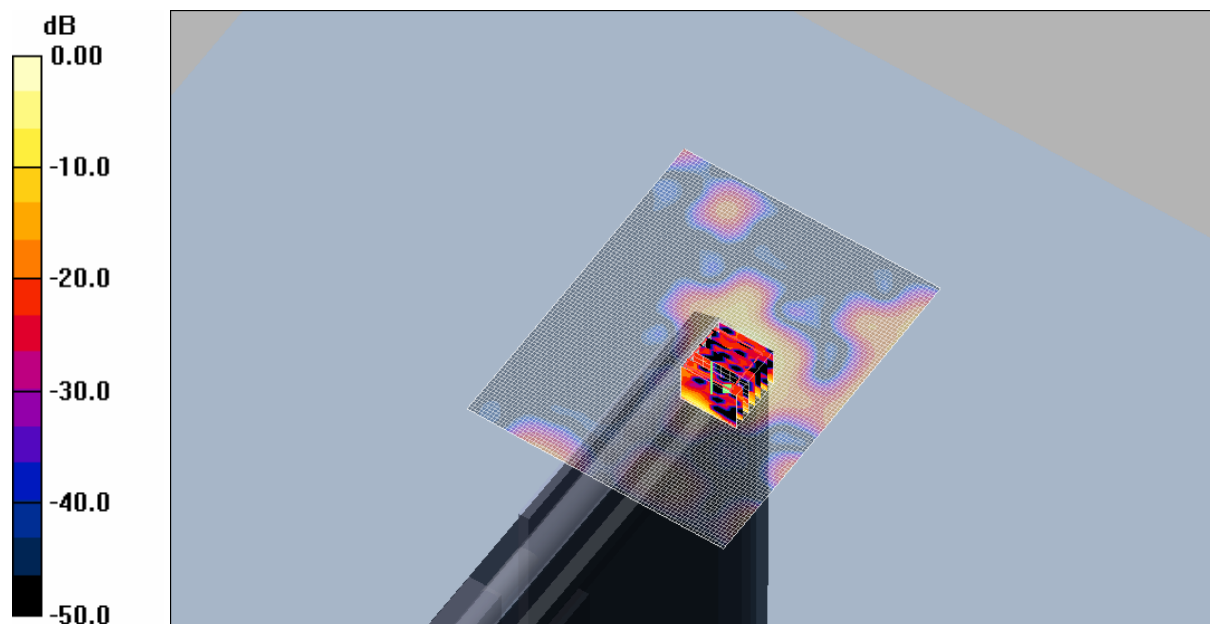
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.90 V/m; Power Drift = -0.241 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.663 mW/g



0 dB = 0.663mW/g

SAR MEASUREMENT PLOT 19

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
52.0 %

Test Date: 18 April 2007

File Name: Edge On OFDM (HT0 Mbps 40 MHz Wide) 5.8 GHz Saratoga Antenna A Bluetooth Off 18-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

* Communication System: OFDM 5770 MHz; Frequency: 5755 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.15859$ mho/m, $\epsilon_r = 48.0867$; $\rho = 1000$ 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 151 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.606 mW/g

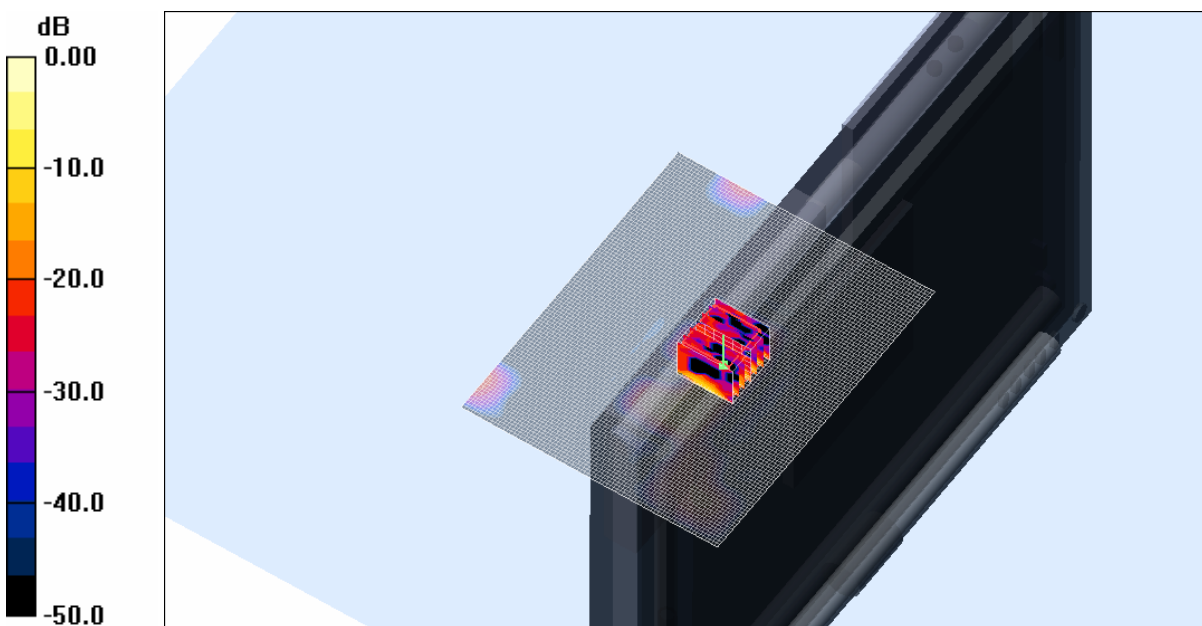
Channel 151 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.15 V/m; Power Drift = -0.270 dB

Peak SAR (extrapolated) = 2.78 W/kg

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 1.42 mW/g



0 dB = 1.42mW/g

SAR MEASUREMENT PLOT 20

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
52.0 %

Test Date: 18 April 2007

File Name: Edge On OFDM (HT0 Mbps 40 MHz Wide) 5.8 GHz Saratoga Antenna A Bluetooth Off 18-04-07.da4

DUT: **Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B**

* Communication System: OFDM 5770 MHz; Frequency: 5795 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.23701$ mho/m, $\epsilon_r = 47.9531$; $\rho = 1000$ 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 159 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.612 mW/g

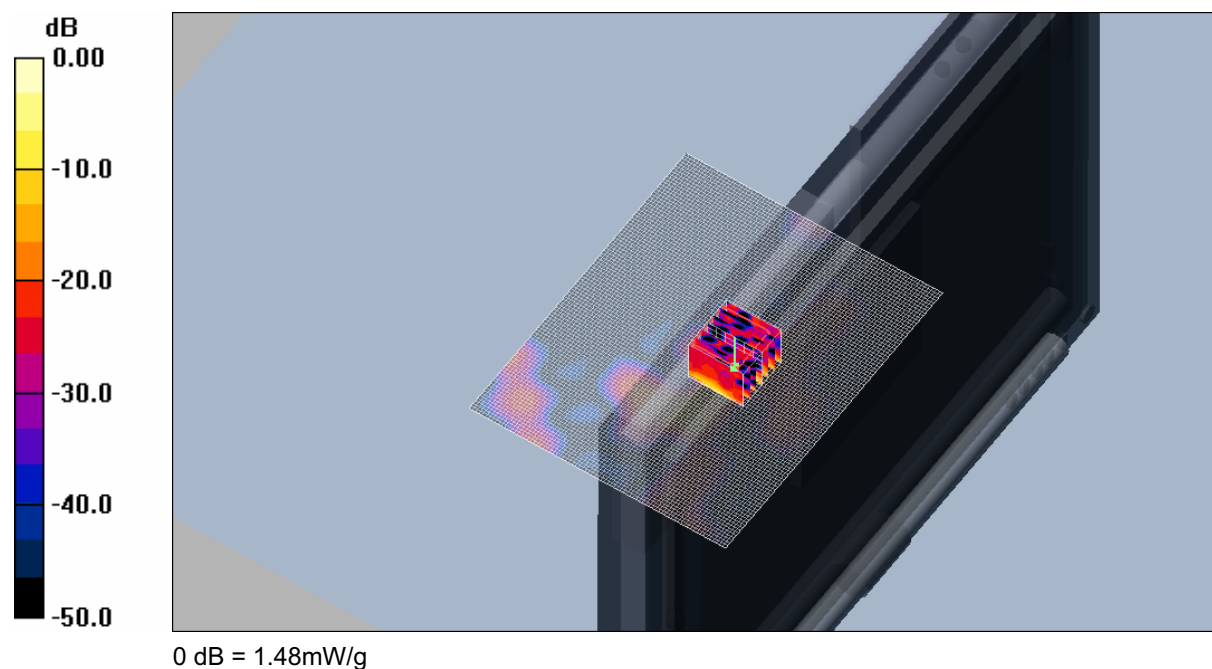
Channel 159 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.28 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 3.15 W/kg

SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.157 mW/g

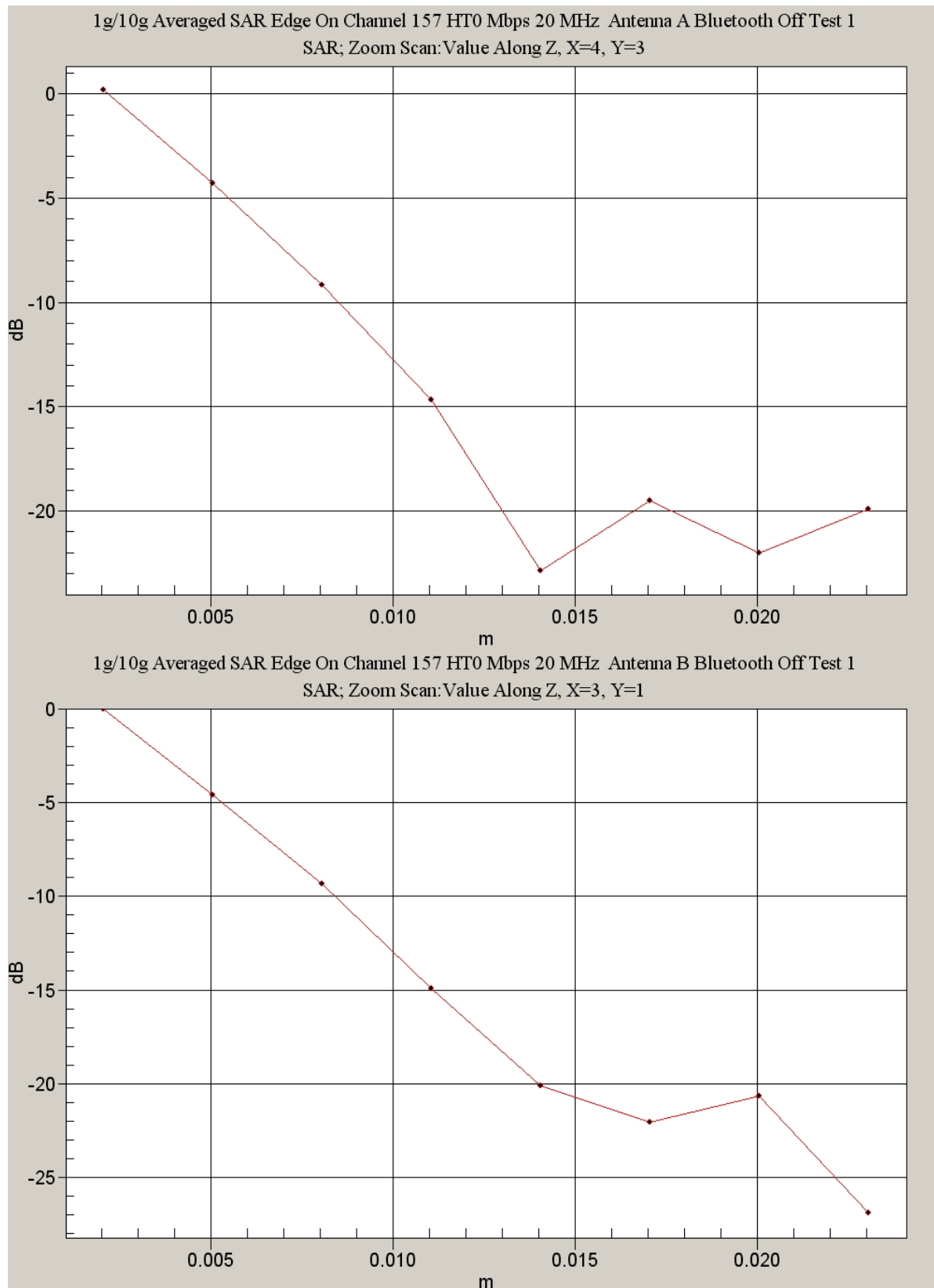
Maximum value of SAR (measured) = 1.48 mW/g

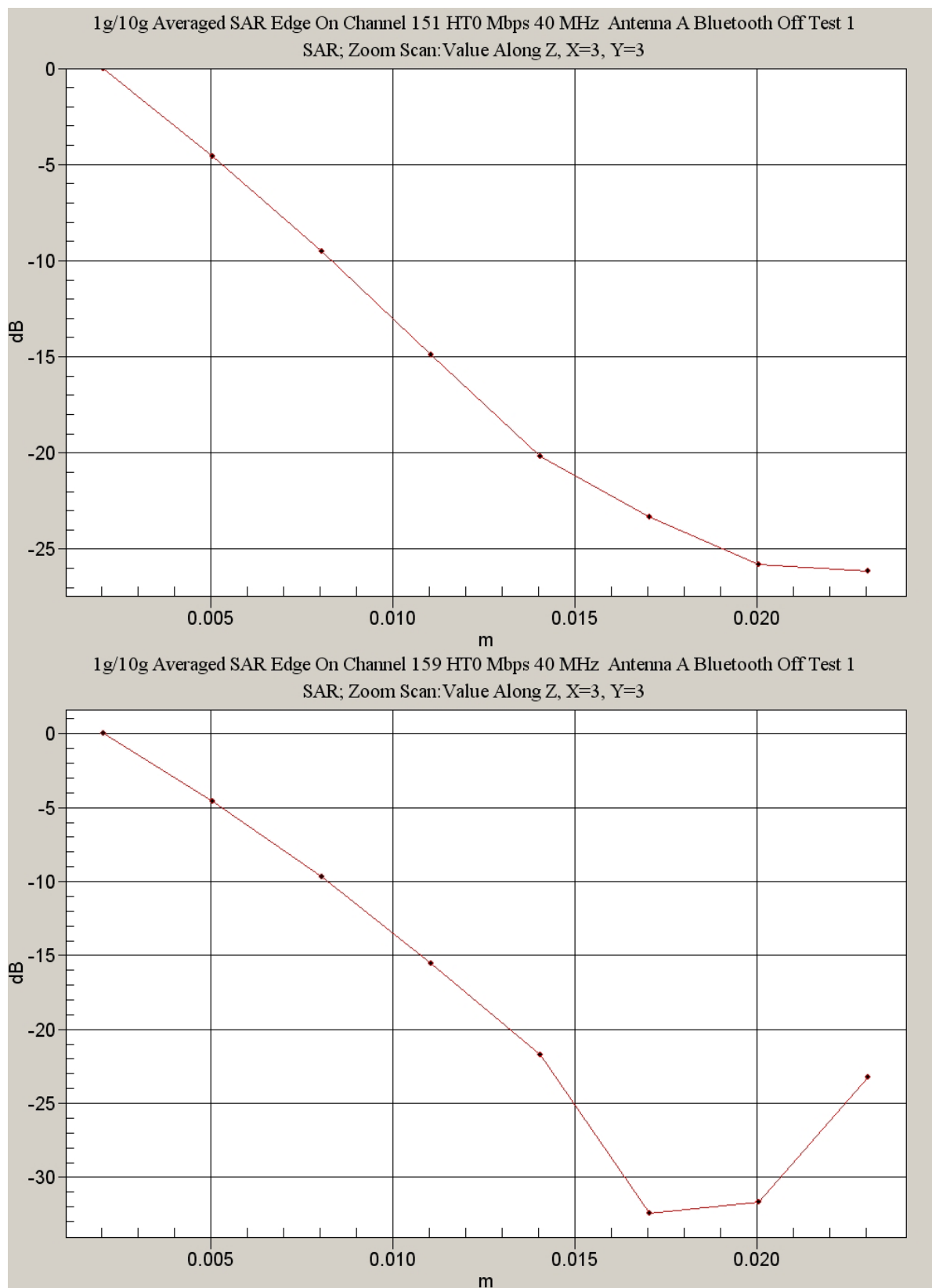


SAR MEASUREMENT PLOT 21

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
52.0 %





Test Date: 18 April 2007

File Name: Edge On OFDM (HT0 Mbps 40 MHz Wide) 5.8 GHz Saratoga Antenna B Bluetooth Off 18-04-07.da4

DUT: **Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B**

* Communication System: OFDM 5770 MHz; Frequency: 5755 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.15859$ mho/m, $\epsilon_r = 48.0867$; $\rho = 1000$ 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 151 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.979 mW/g

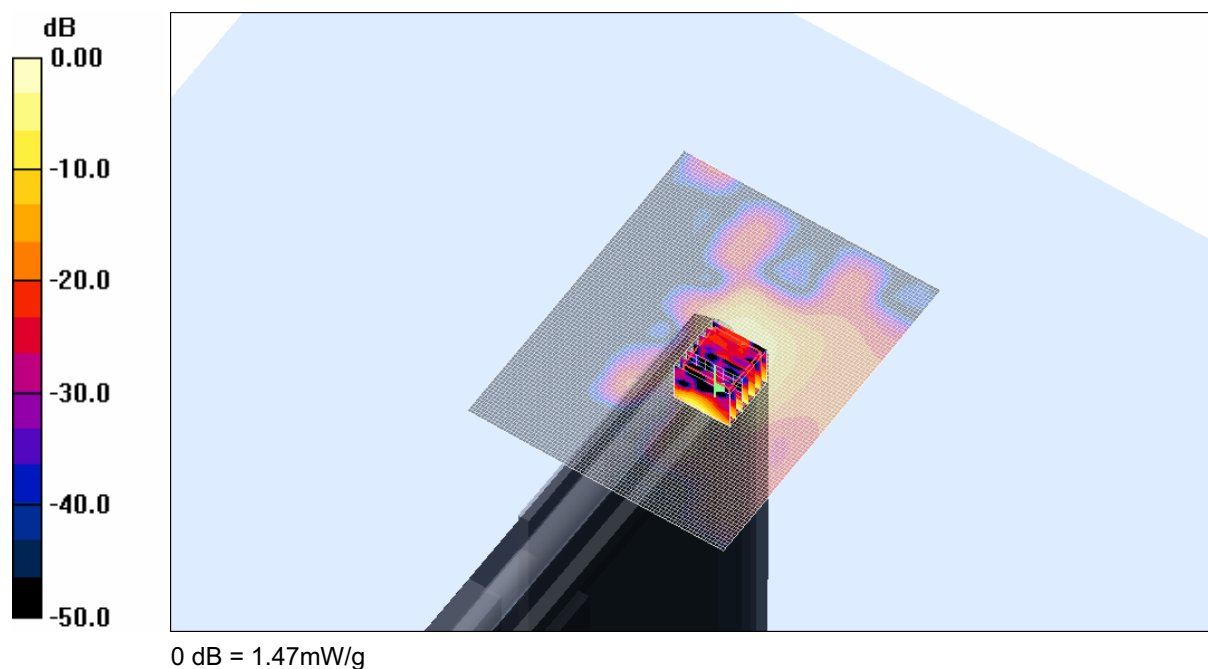
Channel 151 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 17.2 V/m; Power Drift = 0.089 dB

Peak SAR (extrapolated) = 3.06 W/kg

SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



SAR MEASUREMENT PLOT 22

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
52.0 %

Test Date: 18 April 2007

File Name: Edge On OFDM (HT0 Mbps 40 MHz Wide) 5.8 GHz Saratoga Antenna B Bluetooth Off 18-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

* Communication System: OFDM 5770 MHz; Frequency: 5795 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.23701$ mho/m, $\epsilon_r = 47.9531$; $\rho = 1000$ 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 159 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.949 mW/g

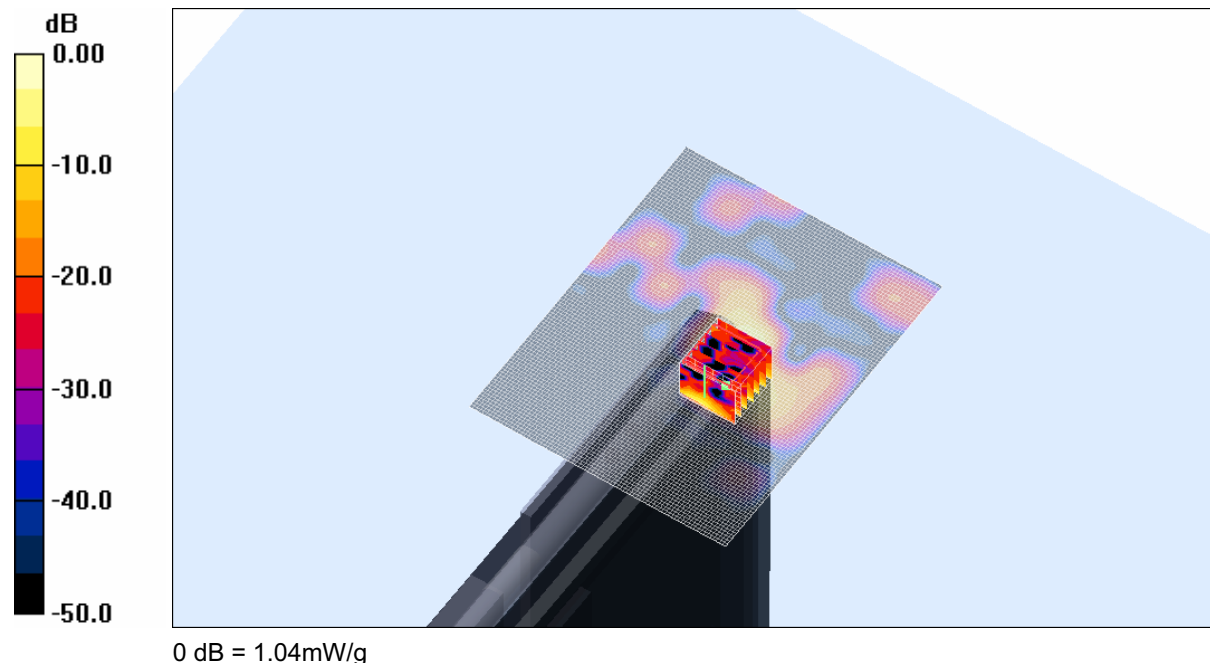
Channel 159 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 14.2 V/m; Power Drift = -0.431 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 1.04 mW/g



SAR MEASUREMENT PLOT 23

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
52.0 %

Test Date: 19 April 2007

File Name: Edge On OFDM (HT8 Mbps 40 MHz Wide) 5.8 GHz Saratoga Antenna A Bluetooth Off 19-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

* Communication System: OFDM 5770 MHz; Frequency: 5755 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.26101$ mho/m, $\epsilon_r = 48.1069$; $\rho = 1000$ 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 151 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.155 mW/g

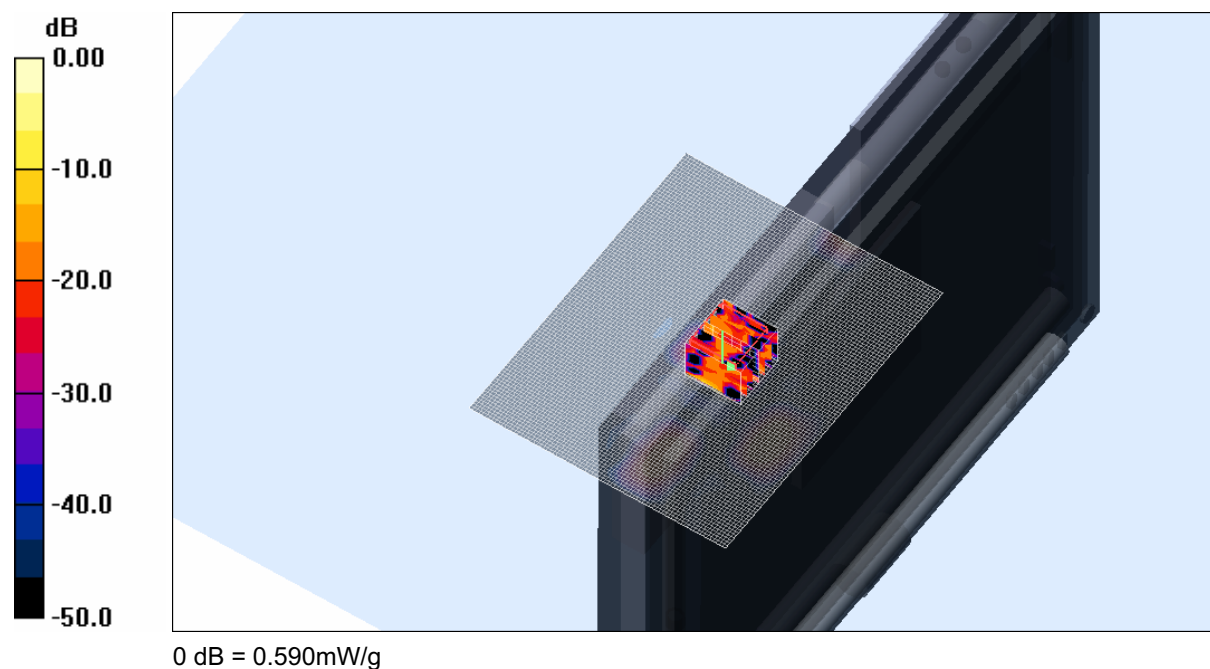
Channel 151 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 3.68 V/m; Power Drift = 0.180 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.590 mW/g



SAR MEASUREMENT PLOT 24

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.2 Degrees Celsius
60.0 %

Test Date: 19 April 2007

File Name: Edge On OFDM (HT8 Mbps 40 MHz Wide) 5.8 GHz Saratoga Antenna A Bluetooth Off 19-04-07.da4

DUT: **Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B**

* Communication System: OFDM 5770 MHz; Frequency: 5795 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.35041$ mho/m, $\epsilon_r = 48.0117$; $\rho = 1000$ 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 159 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.186 mW/g

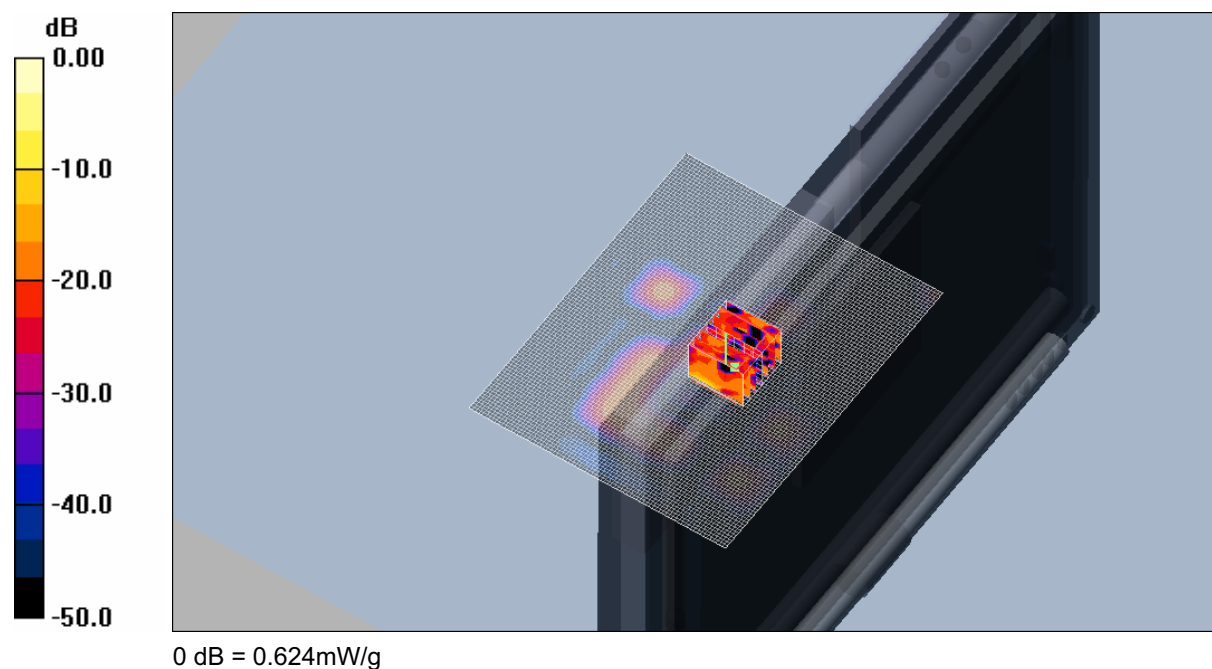
Channel 159 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.00 V/m; Power Drift = -0.309 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.058 mW/g

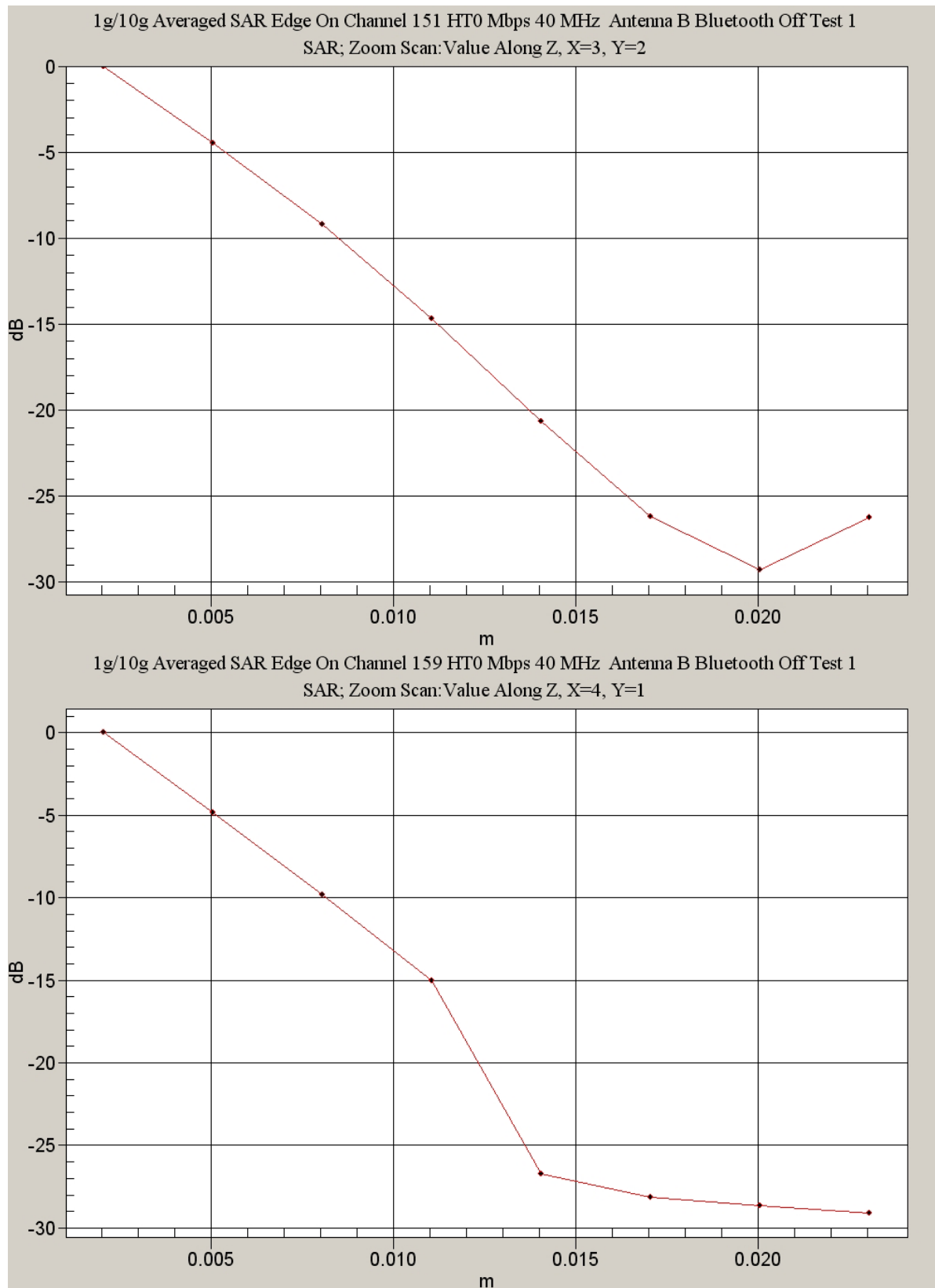
Maximum value of SAR (measured) = 0.624 mW/g

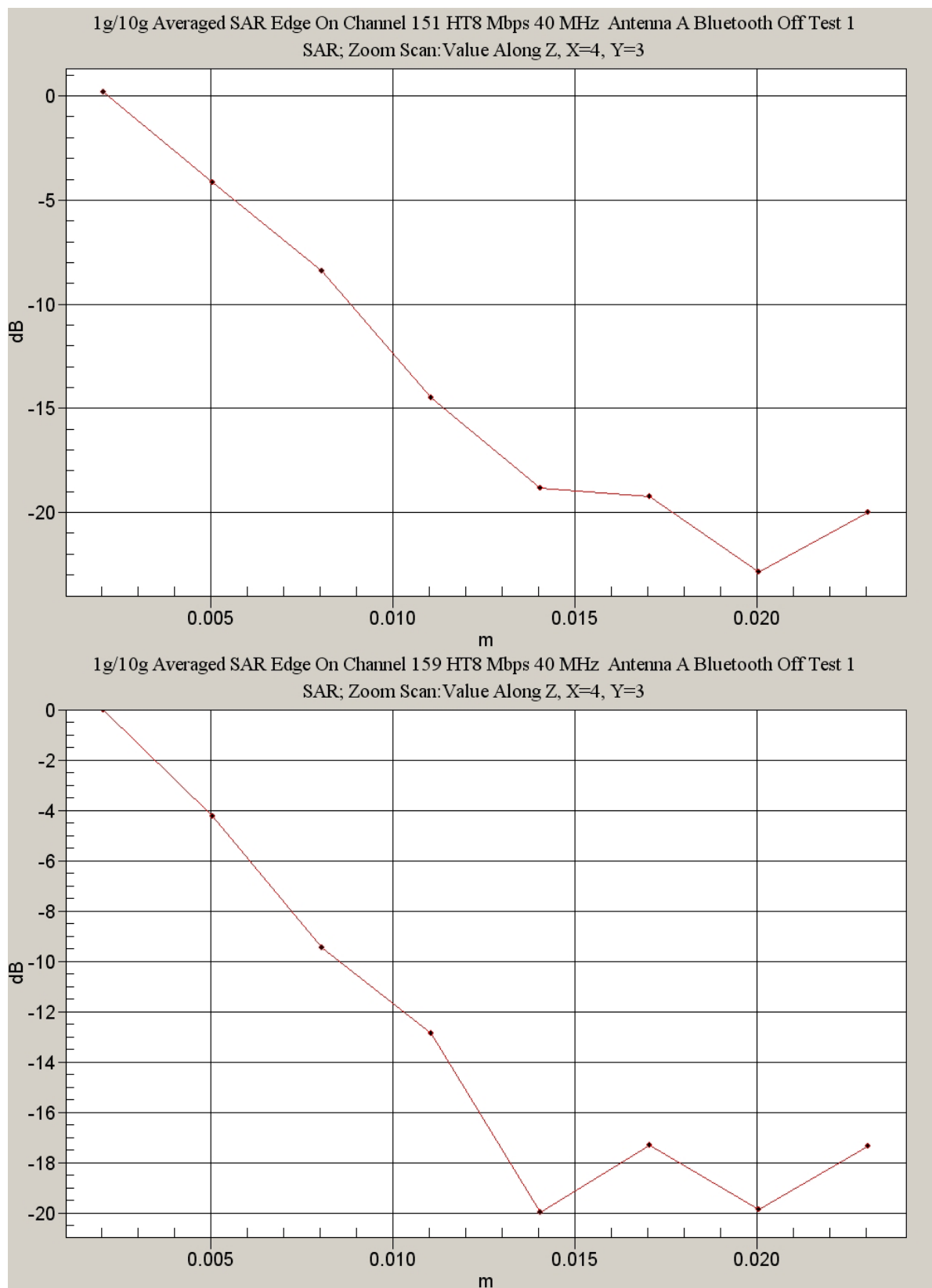


SAR MEASUREMENT PLOT 25

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.2 Degrees Celsius
60.0 %





Test Date: 19 April 2007

File Name: Edge On OFDM (HT8 Mbps 40 MHz Wide) 5.8 GHz Saratoga Antenna B Bluetooth Off 19-04-07.da4

DUT: **Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B**

* Communication System: OFDM 5770 MHz; Frequency: 5755 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.26101 \text{ mho/m}$, $\epsilon_r = 48.1069$; $\rho = 1000 \text{ kg/m}^3$

- 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 151 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.767 mW/g

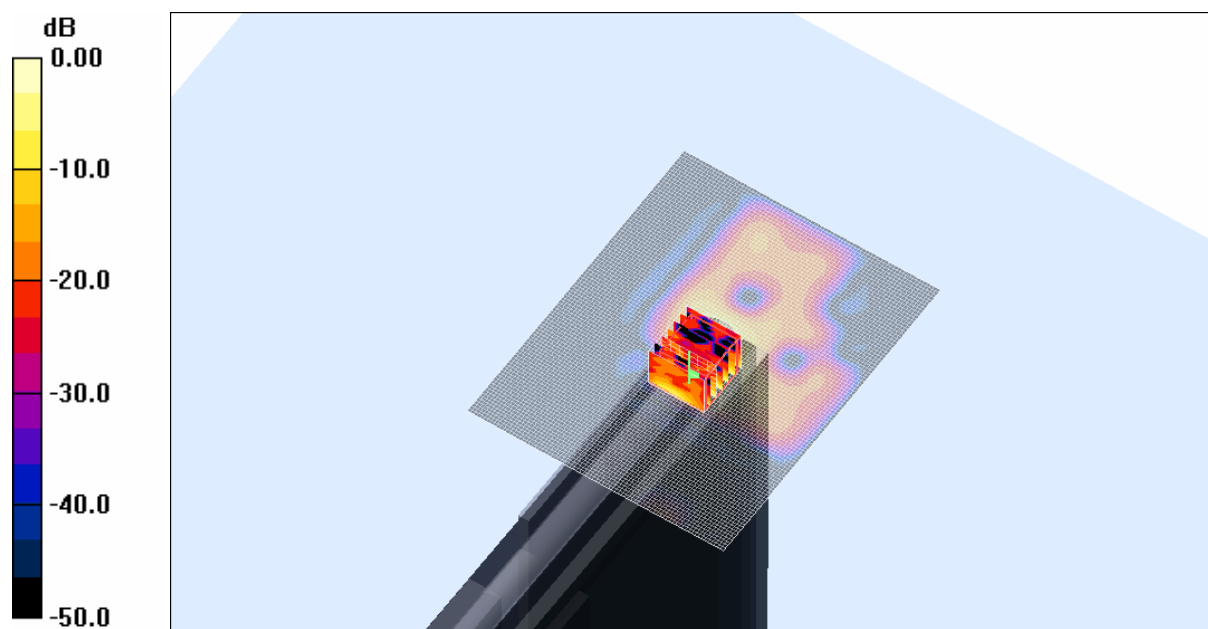
Channel 151 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.09 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.117 mW/g

Maximum value of SAR (measured) = 0.826 mW/g



0 dB = 0.826mW/g

SAR MEASUREMENT PLOT 26

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.2 Degrees Celsius
60.0 %

Test Date: 19 April 2007

File Name: Edge On OFDM (HT8 Mbps 40 MHz Wide) 5.8 GHz Saratoga Antenna B Bluetooth Off 19-04-07.da4

DUT: **Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B**

* Communication System: OFDM 5770 MHz; Frequency: 5795 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.35041$ mho/m, $\epsilon_r = 48.0117$; $\rho = 1000$ 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 159 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.458 mW/g

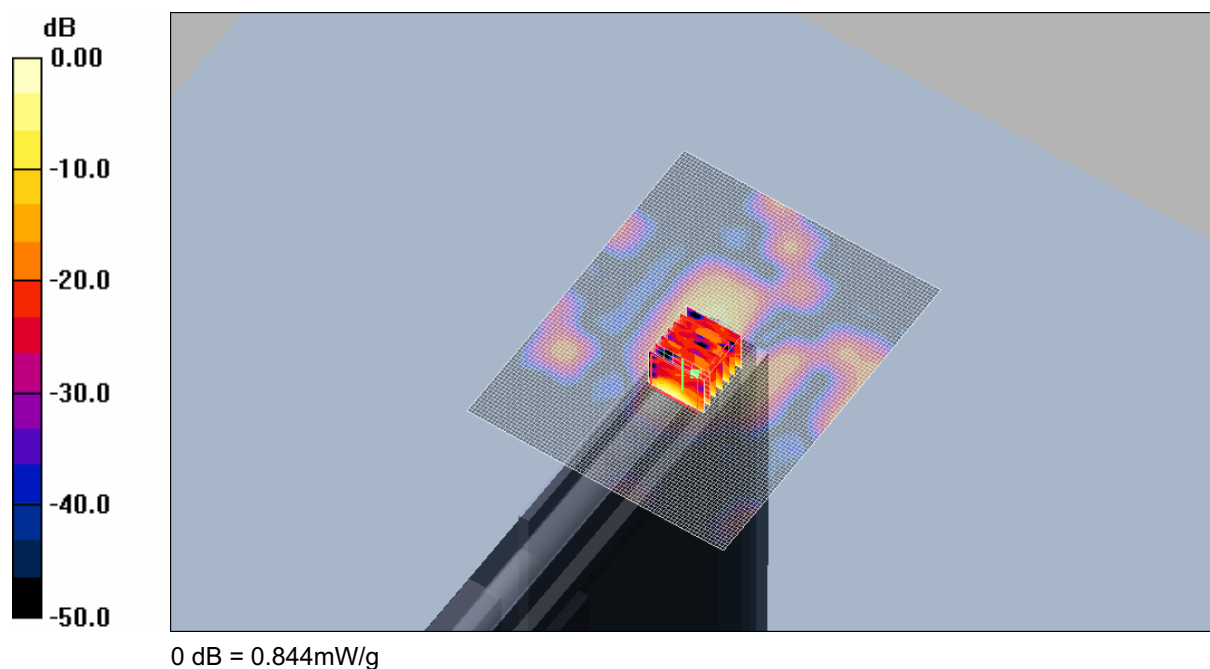
Channel 159 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.64 V/m; Power Drift = 0.380 dB

Peak SAR (extrapolated) = 3.95 W/kg

SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.110 mW/g

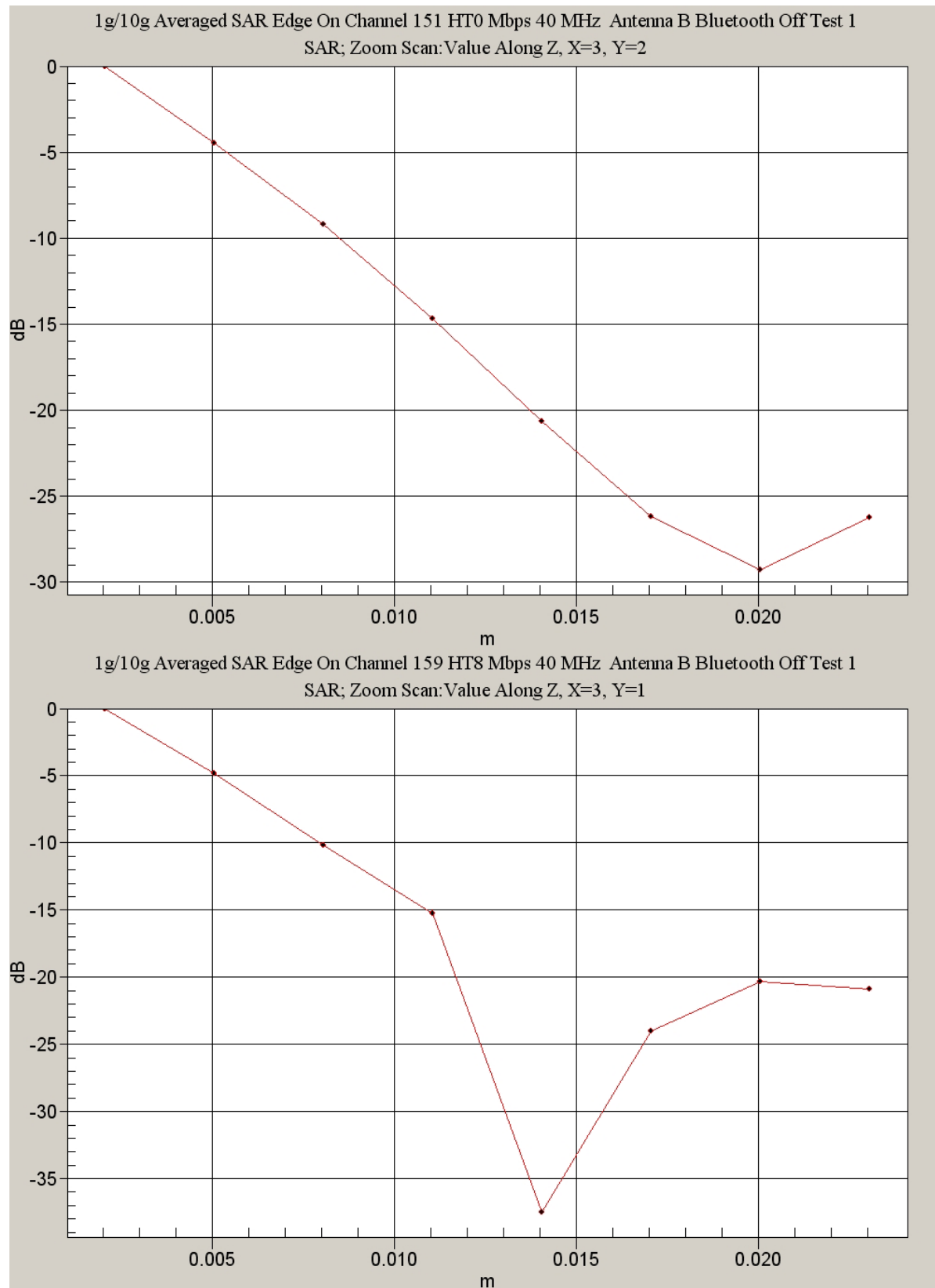
Maximum value of SAR (measured) = 0.844 mW/g



SAR MEASUREMENT PLOT 27

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.2 Degrees Celsius
60.0 %



Test Date: 18 April 2007

File Name: Edge On OFDM 5.8 GHz Saratoga Antenna A Bluetooth Off 18-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

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

* Medium parameters used: $\sigma = 6.21104$ mho/m, $\epsilon_r = 48.0067$; $\rho = 1000$ 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) = 0.673 mW/g

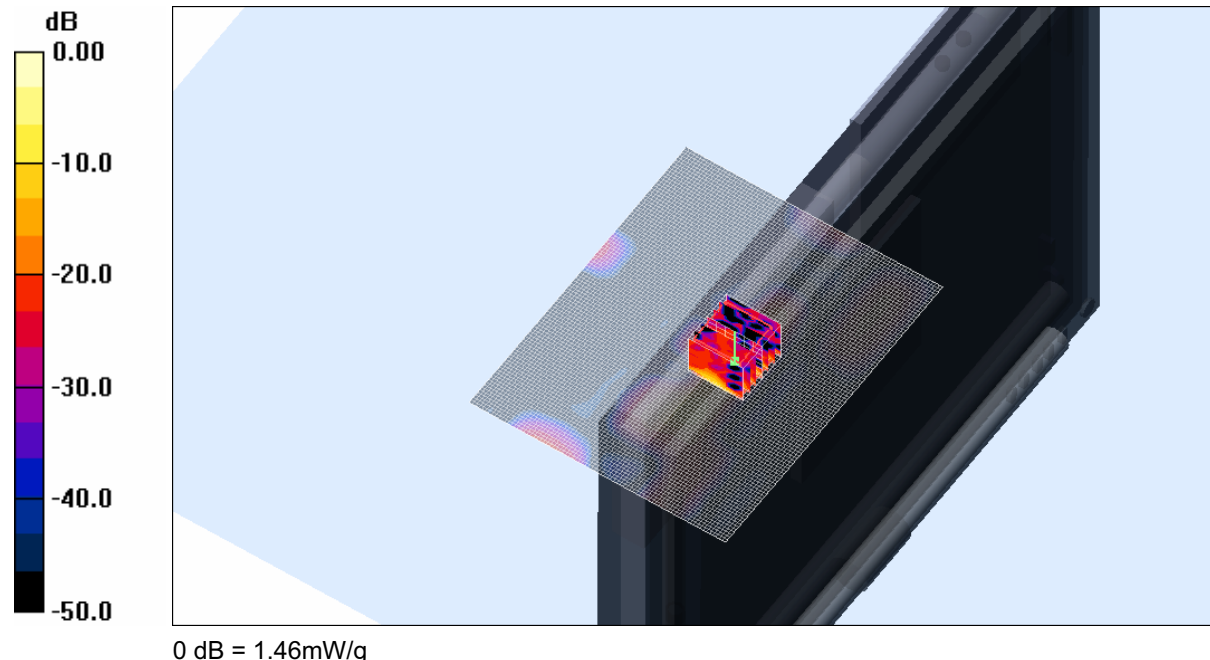
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.73 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 2.83 W/kg

SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 1.46 mW/g



SAR MEASUREMENT PLOT 28

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
52.0 %

Test Date: 19 April 2007

File Name: Edge On OFDM 5.8 GHz Saratoga Antenna B Bluetooth Off 19-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

* Communication System: OFDM 5770 MHz; Frequency: 5745 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.22594$ mho/m, $\epsilon_r = 48.1763$; $\rho = 1000$ 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 149 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.35 mW/g

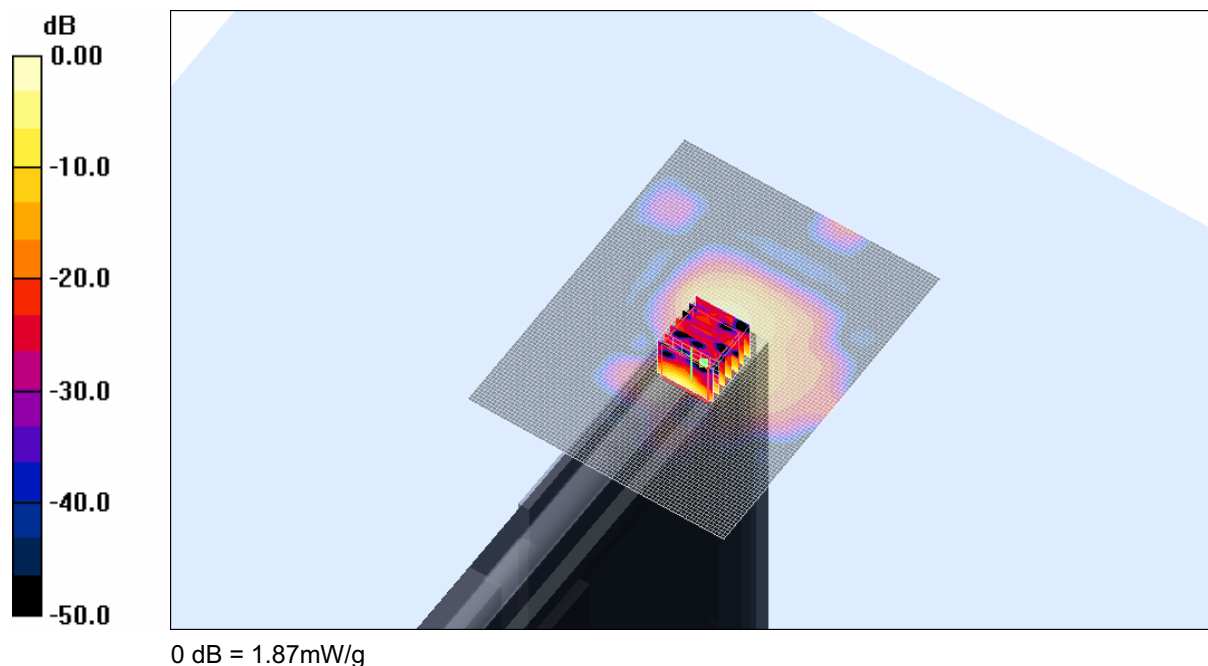
Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 14.5 V/m; Power Drift = -0.394 dB

Peak SAR (extrapolated) = 3.92 W/kg

SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.277 mW/g

Maximum value of SAR (measured) = 1.87 mW/g



SAR MEASUREMENT PLOT 29

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.2 Degrees Celsius
60.0 %

Test Date: 18 April 2007

File Name: Edge On OFDM 5.8 GHz Saratoga Antenna B Bluetooth Off 18-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

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

* Medium parameters used: $\sigma = 6.21104$ mho/m, $\epsilon_r = 48.0067$; $\rho = 1000$ 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) = 1.20 mW/g

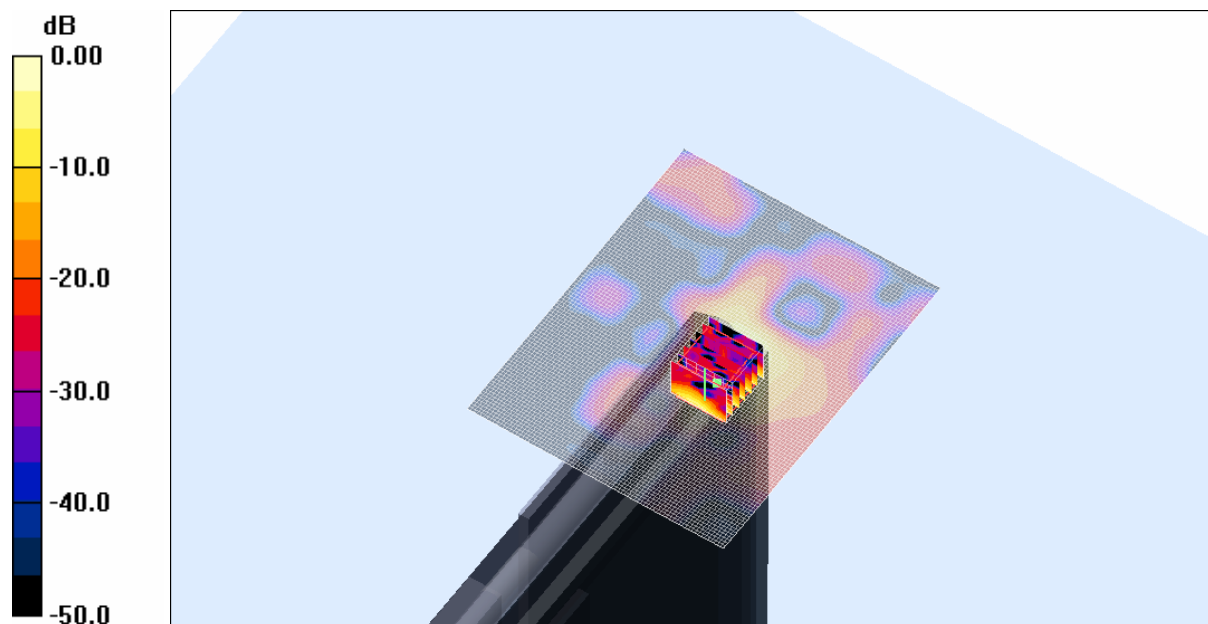
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 16.7 V/m; Power Drift = -0.229 dB

Peak SAR (extrapolated) = 4.40 W/kg

SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 1.96 mW/g



SAR MEASUREMENT PLOT 30

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
52.0 %

Test Date: 19 April 2007

File Name: Edge On OFDM 5.8 GHz Saratoga Antenna B Bluetooth Off 19-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

* Communication System: OFDM 5770 MHz; Frequency: 5825 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.40926$ mho/m, $\epsilon_r = 47.9109$; $\rho = 1000$ 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 165 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.01 mW/g

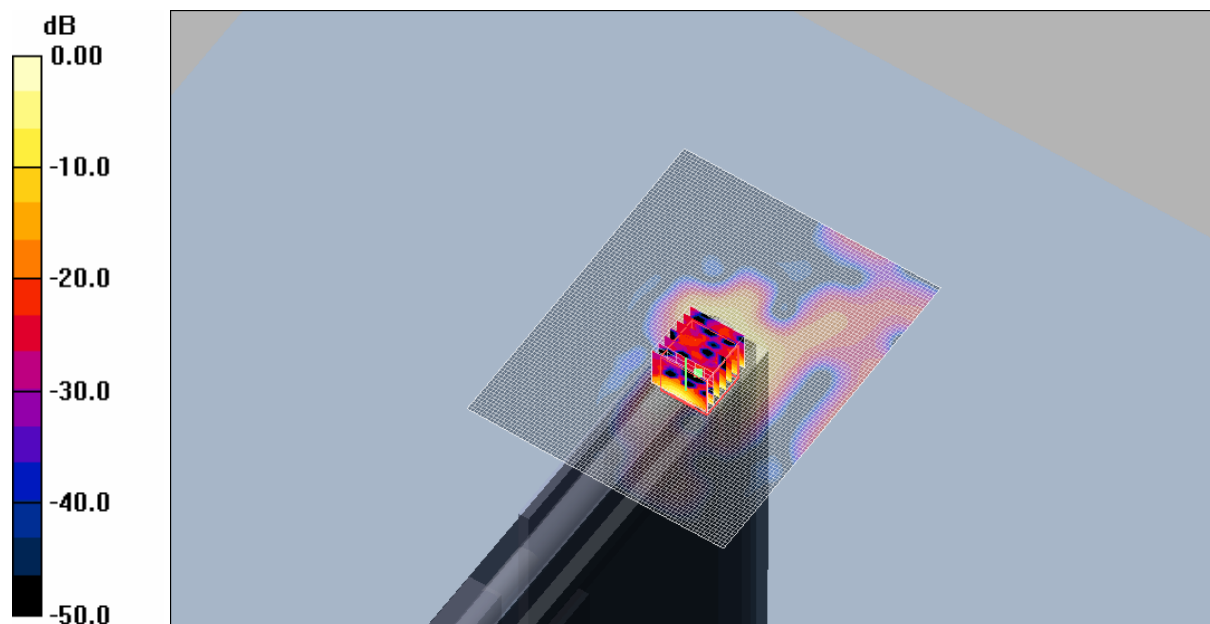
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 12.3 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 4.02 W/kg

SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.222 mW/g

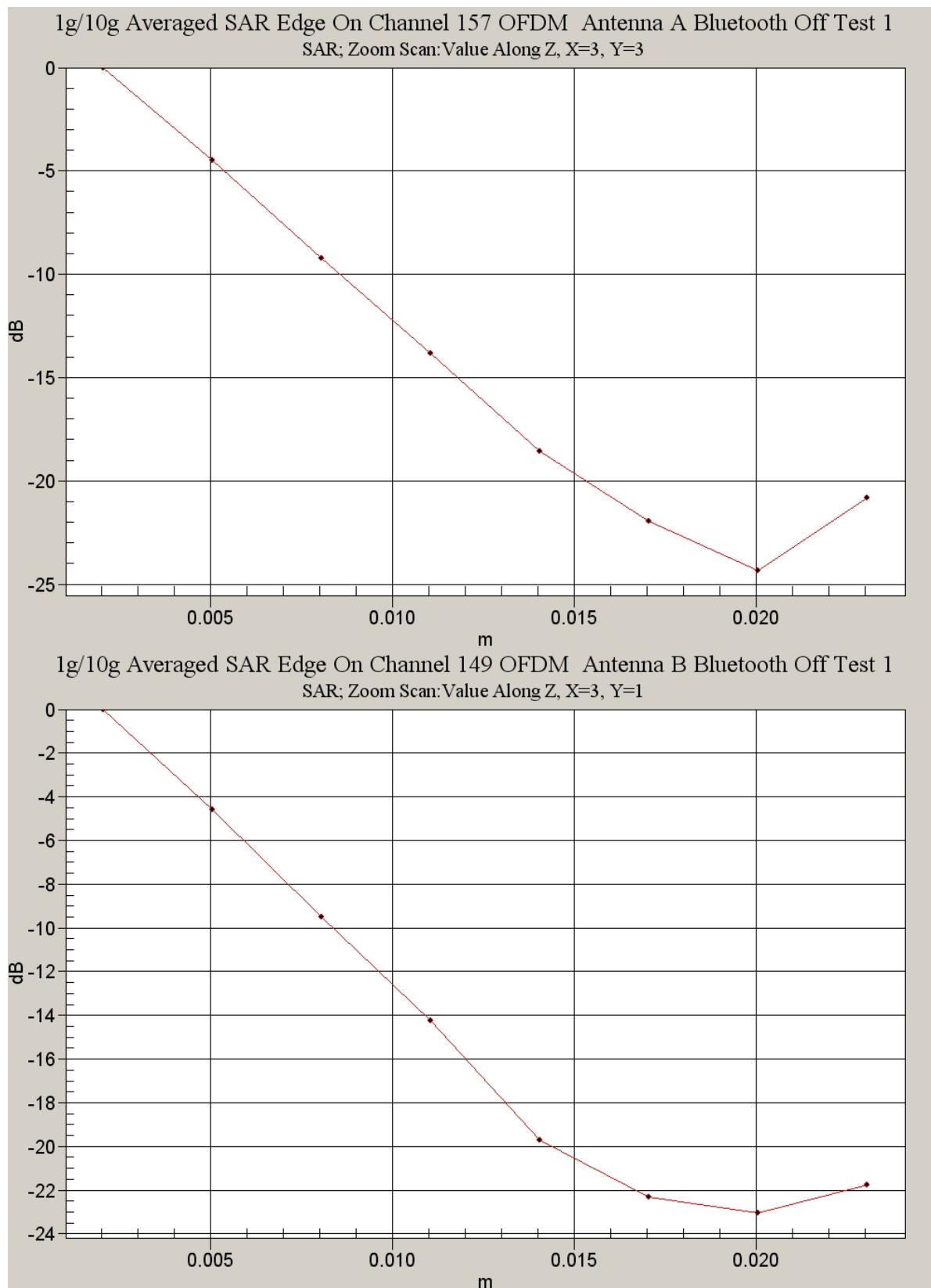
Maximum value of SAR (measured) = 1.88 mW/g

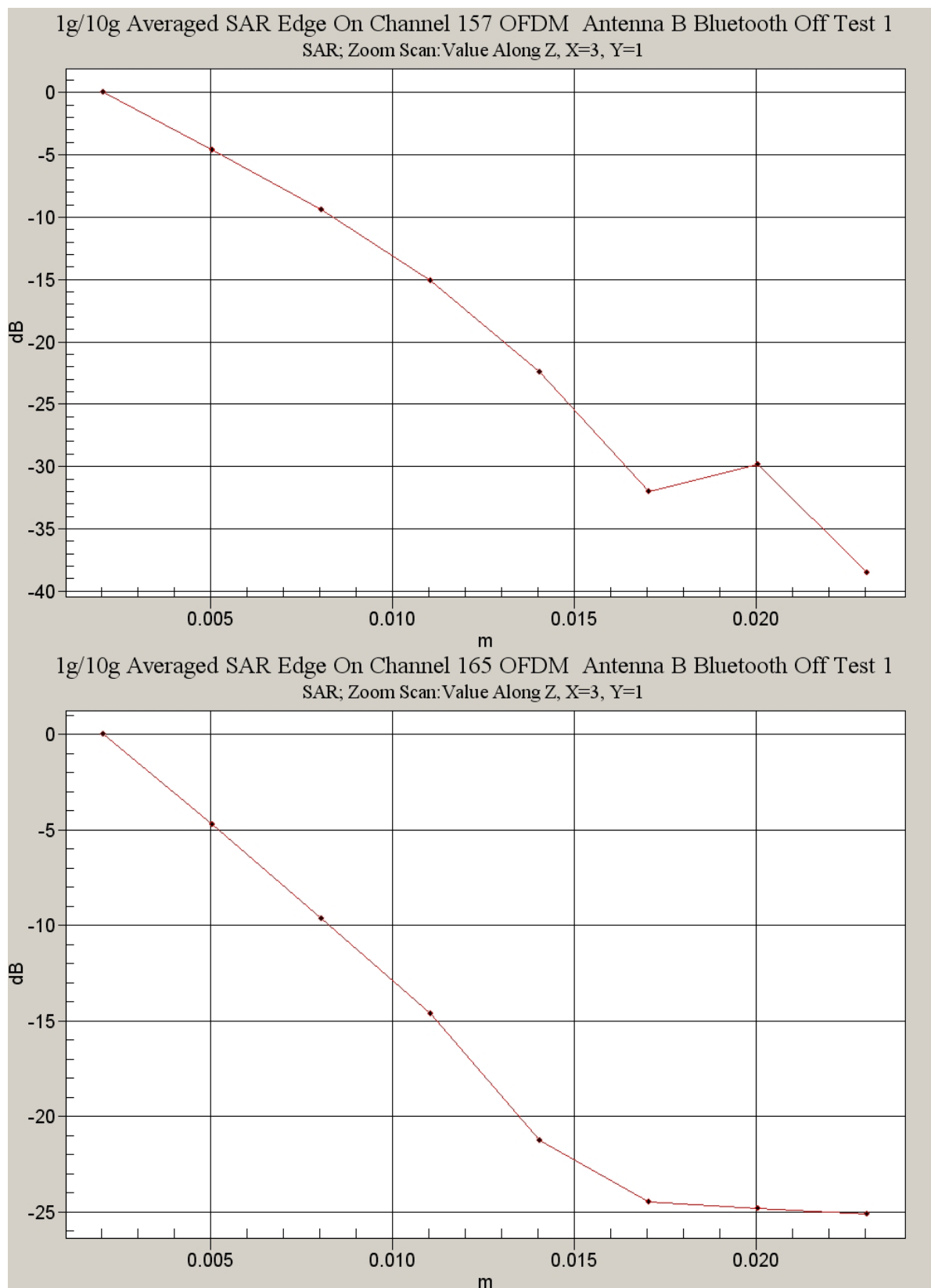


SAR MEASUREMENT PLOT 31

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.2 Degrees Celsius
60.0 %





Test Date: 18 April 2007

File Name: Edge On OFDM (HT0 Mbps 20 MHz) 5.8 GHz Saratoga Antenna A Bluetooth Off 18-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

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

* Medium parameters used: $\sigma = 6.21104$ mho/m, $\epsilon_r = 48.0067$; $\rho = 1000$ 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) = 0.619 mW/g

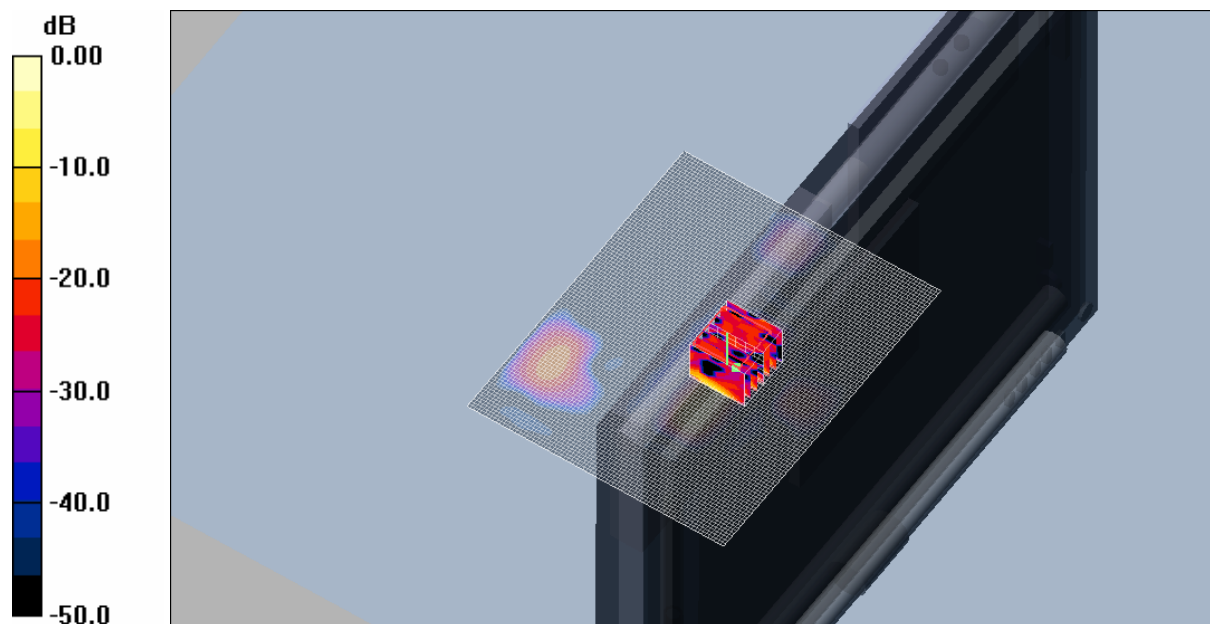
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.62 V/m; Power Drift = 0.098 dB

Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 1.27 mW/g



0 dB = 1.27mW/g

SAR MEASUREMENT PLOT 32

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
52.0 %

Test Date: 19 April 2007

File Name: Edge On OFDM (HT0 Mbps 20 MHz) 5.8 GHz Saratoga Antenna B Bluetooth Off 19-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

* Communication System: OFDM 5770 MHz; Frequency: 5745 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.22594$ mho/m, $\epsilon_r = 48.1763$; $\rho = 1000$ 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 149 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.28 mW/g

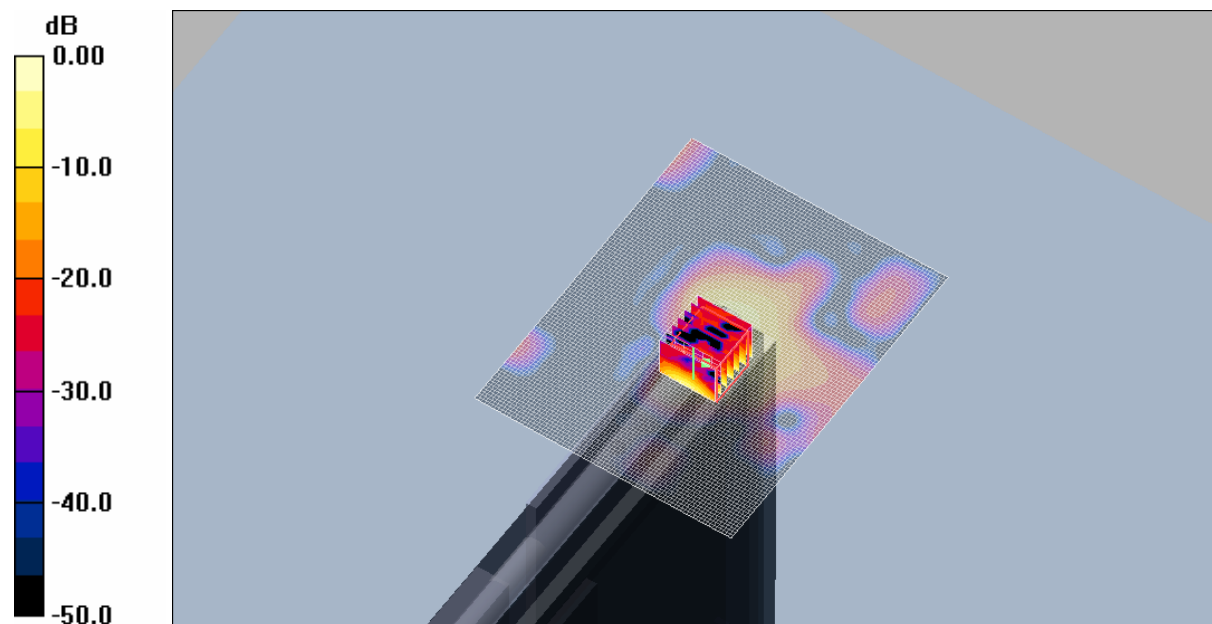
Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 15.0 V/m; Power Drift = -0.387 dB

Peak SAR (extrapolated) = 4.11 W/kg

SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 1.93 mW/g



0 dB = 1.93mW/g

SAR MEASUREMENT PLOT 33

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.2 Degrees Celsius
60.0 %

Test Date: 18 April 2007

File Name: Edge On OFDM (HT0 Mbps 20 MHz) 5.8 GHz Saratoga Antenna B Bluetooth Off 18-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

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

* Medium parameters used: $\sigma = 6.21104 \text{ mho/m}$, $\epsilon_r = 48.0067$; $\rho = 1000 \text{ kg/m}^3$

- 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) = 1.05 mW/g

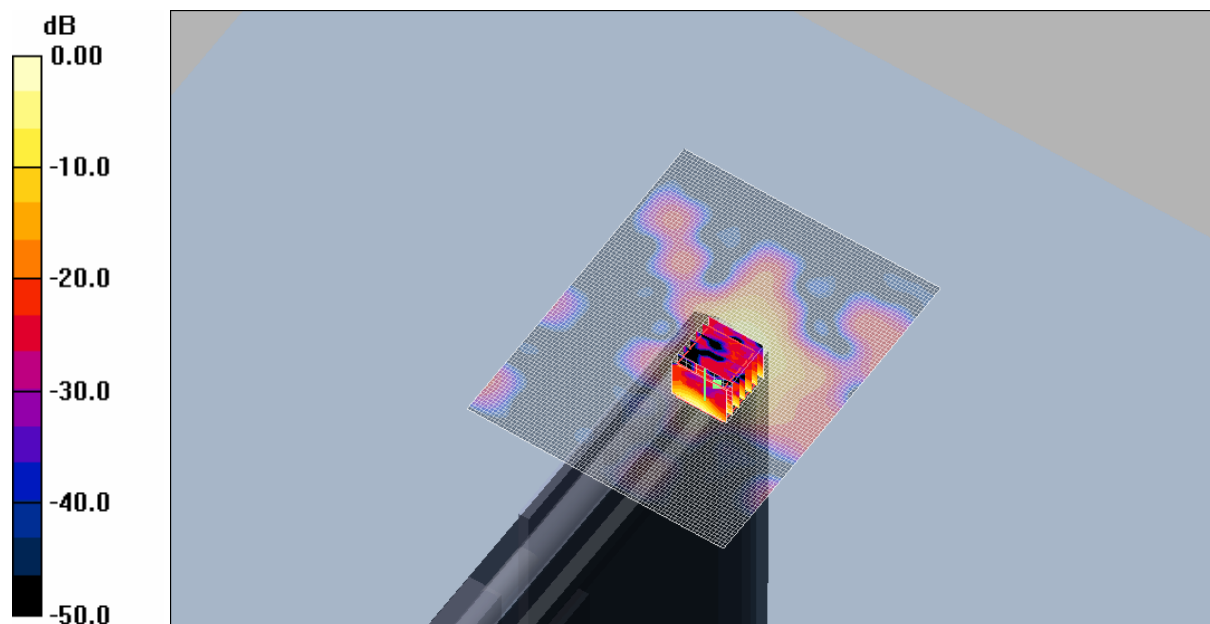
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 15.7 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.238 mW/g

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



SAR MEASUREMENT PLOT 34

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
52.0 %

Test Date: 19 April 2007

File Name: Edge On OFDM (HT0 Mbps 20 MHz) 5.8 GHz Saratoga Antenna B Bluetooth Off 19-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

* Communication System: OFDM 5770 MHz; Frequency: 5825 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.40926$ mho/m, $\epsilon_r = 47.9109$; $\rho = 1000$ 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 165 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.858 mW/g

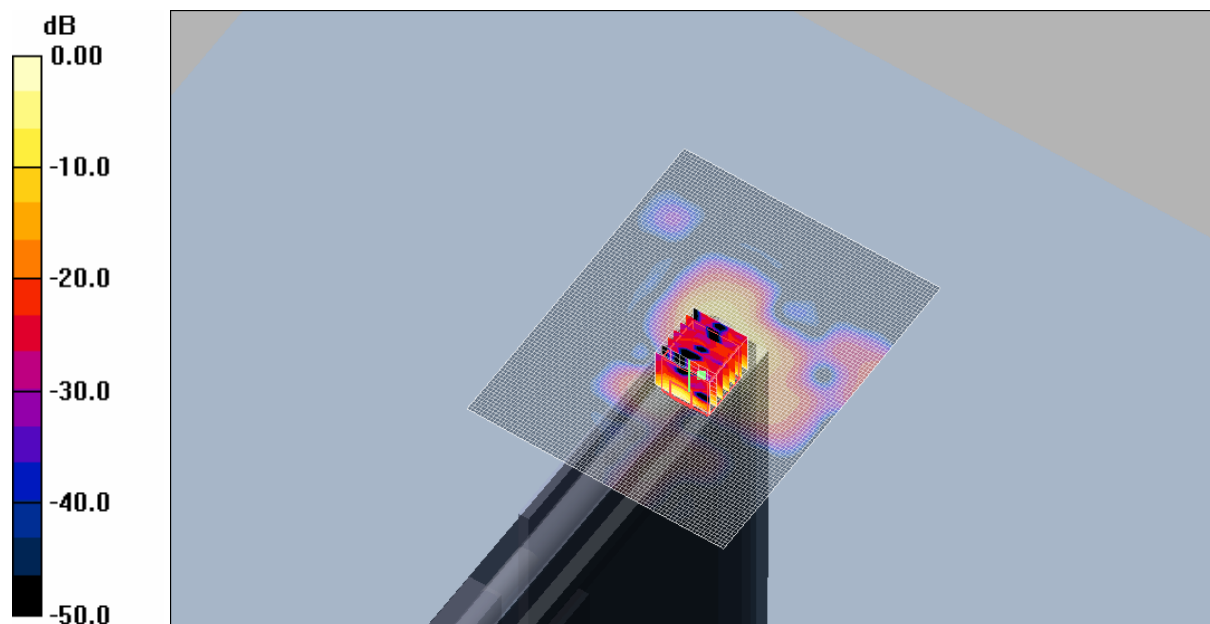
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 13.7 V/m; Power Drift = -0.297 dB

Peak SAR (extrapolated) = 3.73 W/kg

SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.209 mW/g

Maximum value of SAR (measured) = 1.67 mW/g

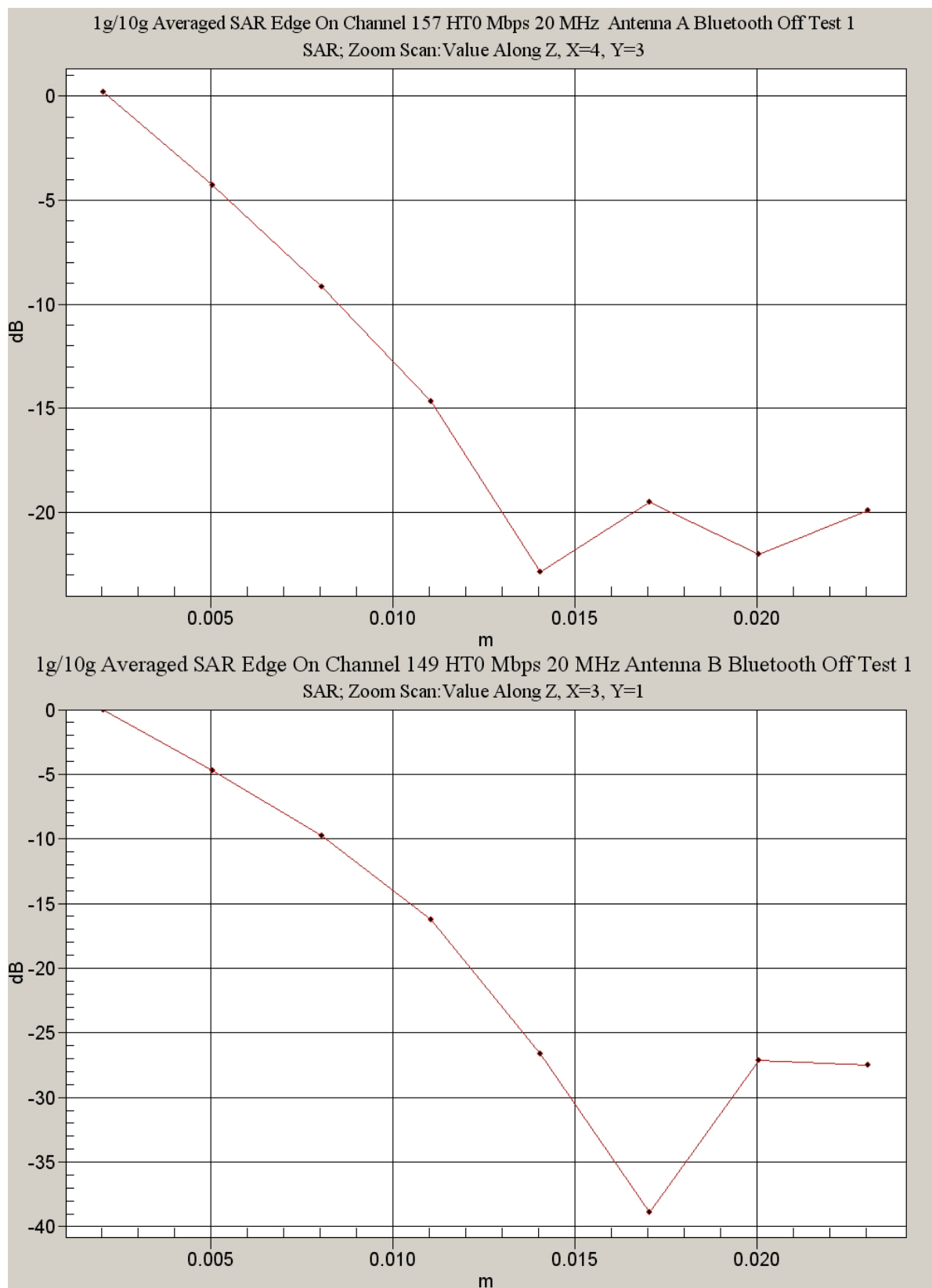


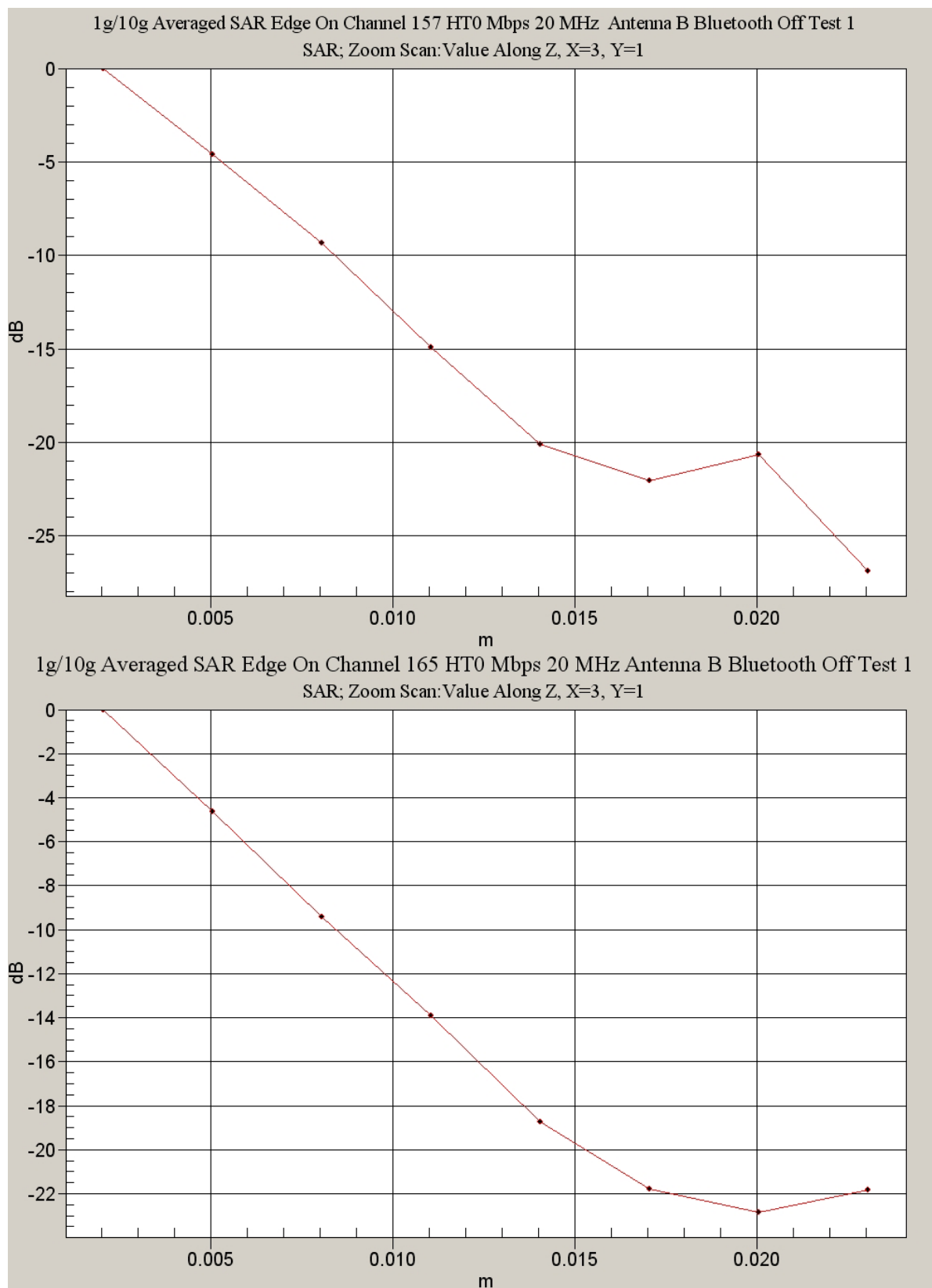
0 dB = 1.67mW/g

SAR MEASUREMENT PLOT 35

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.2 Degrees Celsius
60.0 %





Test Date: 19 April 2007

File Name: Edge On OFDM 5.8 GHz Saratoga Antenna B Bluetooth On 19-04-07.da4

DUT: Fujitsu Tablet Saratoga with Kedron 11abgn and Bluetooth; Type: 4965 AGN MM1; Serial: MAC: 0013E811A00B

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

* Medium parameters used: $\sigma = 6.32383 \text{ mho/m}$, $\epsilon_r = 48.0311$; $\rho = 1000 \text{ kg/m}^3$

- 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) = 1.24 mW/g

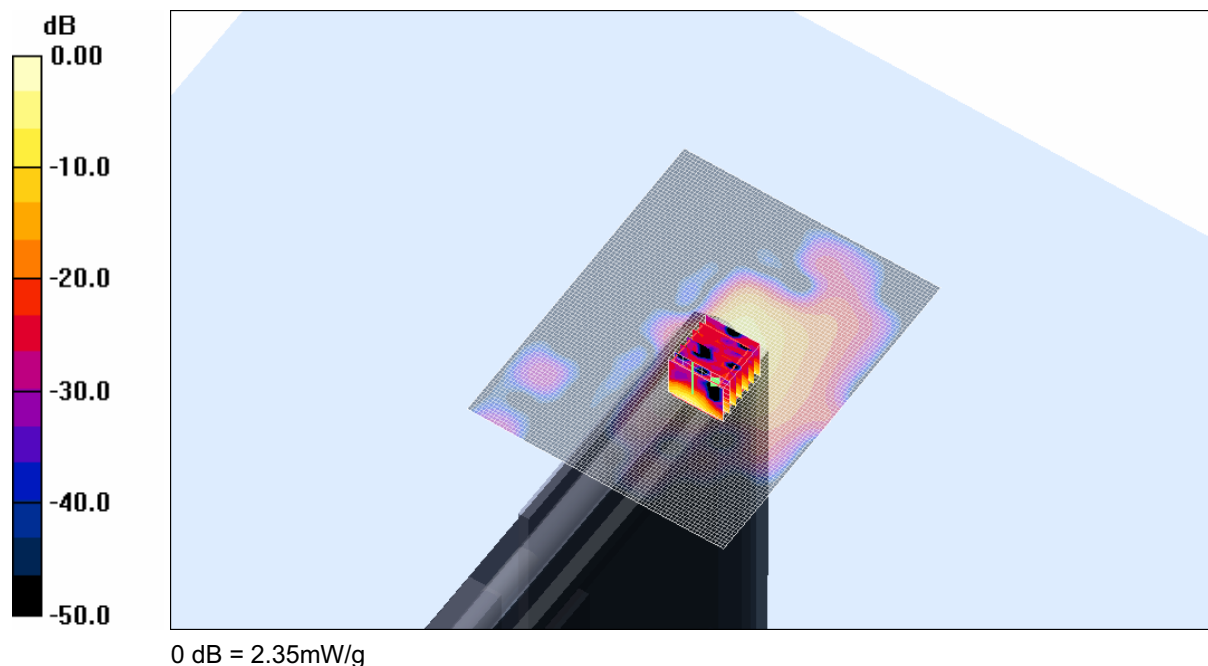
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 18.0 V/m; Power Drift = 0.072 dB

Peak SAR (extrapolated) = 5.32 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.335 mW/g

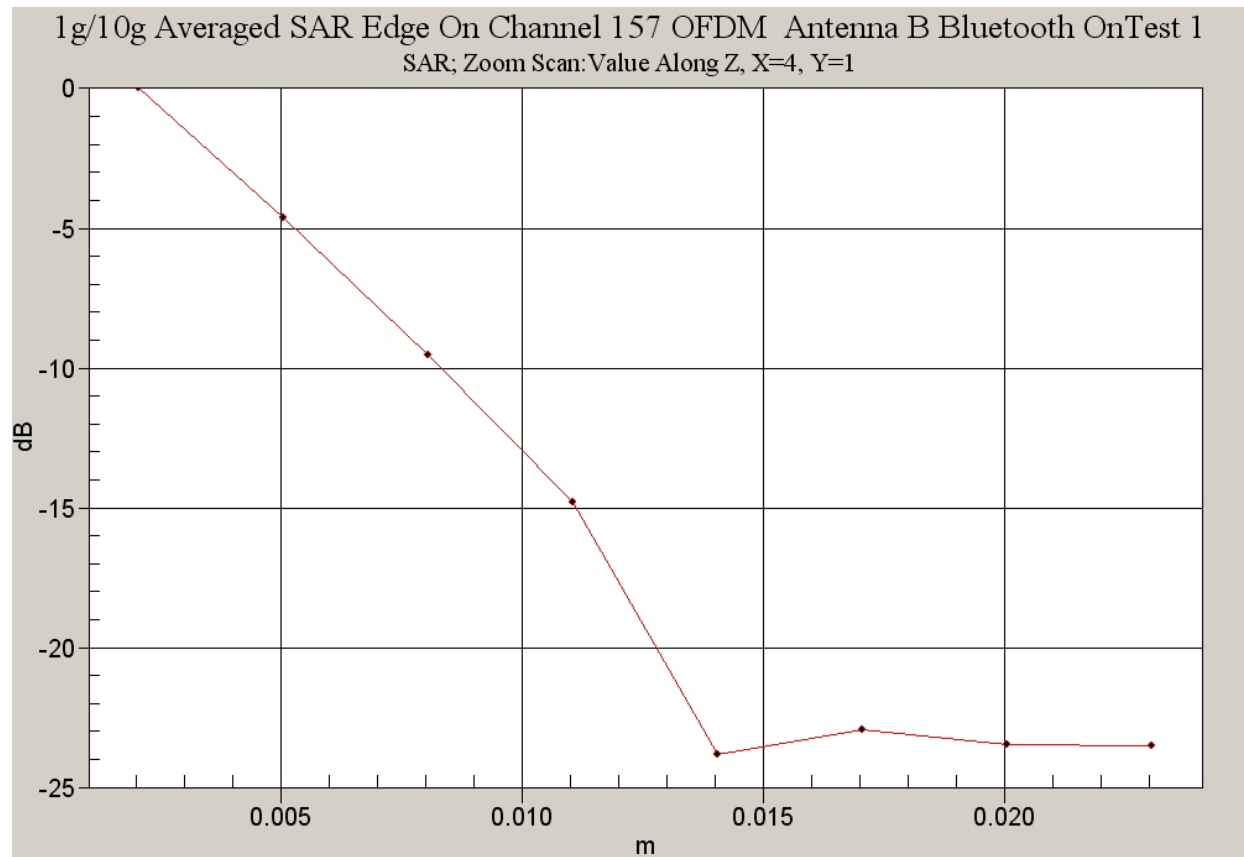
Maximum value of SAR (measured) = 2.35 mW/g



SAR MEASUREMENT PLOT 36

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.2 Degrees Celsius
60.0 %



Test Date: 20 April 2007

File Name: Validation 5200MHz (DAE 442 Probe EX3DV4) 20-04-07.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: $\sigma = 4.80618$ mho/m, $\epsilon_r = 35.5764$; $\rho = 1000$ 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 2/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 40.8 mW/g

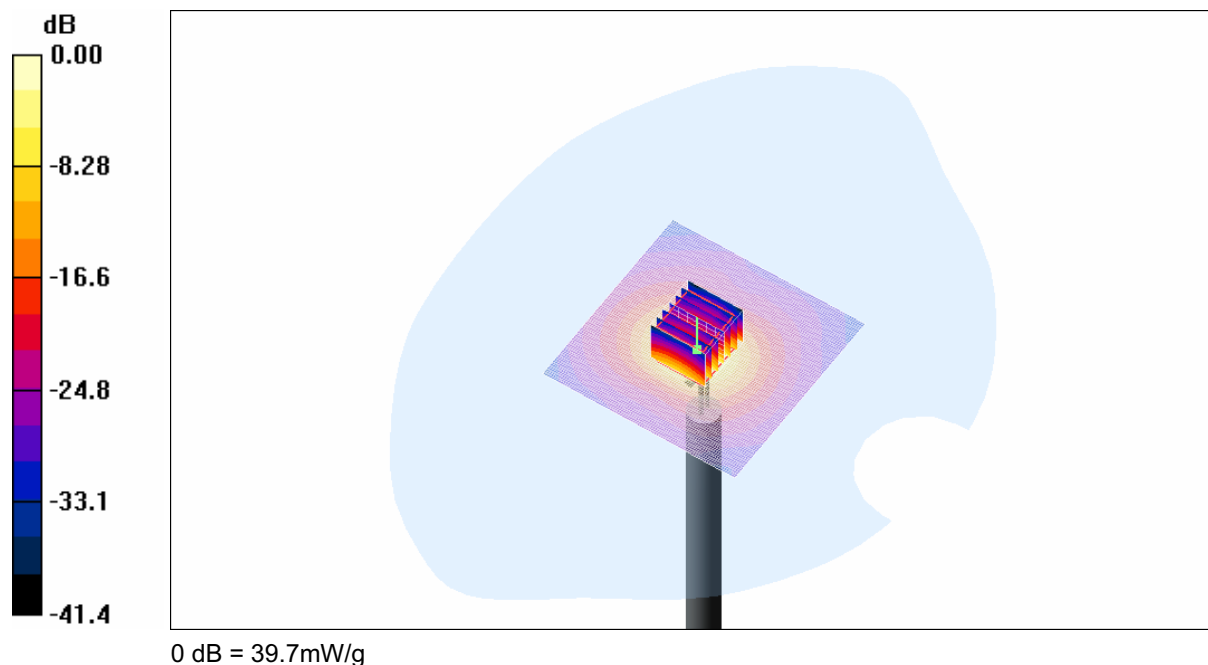
Channel 1 Test 2/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 92.2 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 74.6 W/kg

SAR(1 g) = 18.8 mW/g; SAR(10 g) = 5.33 mW/g

Maximum value of SAR (measured) = 39.7 mW/g



SAR MEASUREMENT PLOT 37

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.4 Degrees Celsius
60.0 %

Test Date: 23 April 2007

File Name: Validation 5200MHz (DAE 442 Probe EX3DV4) 23-04-07.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: $\sigma = 4.88342$ mho/m, $\epsilon_r = 35.6032$; $\rho = 1000$ 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) = 43.3 mW/g

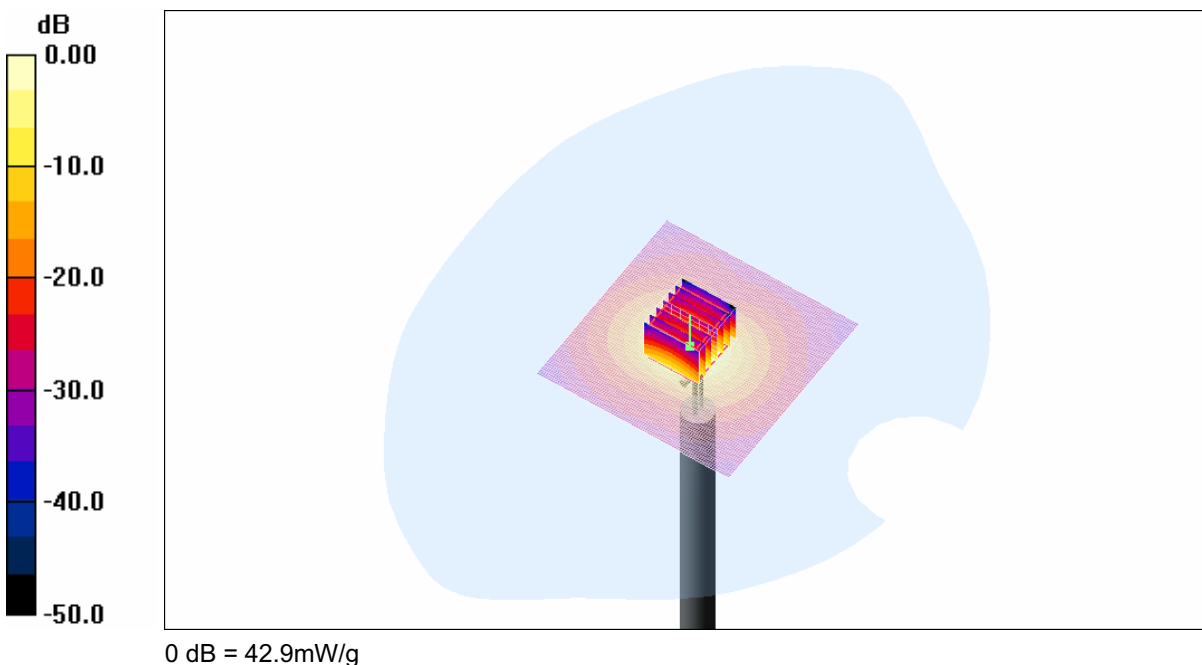
Channel 1 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 97.1 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 80.9 W/kg

SAR(1 g) = 20.4 mW/g; SAR(10 g) = 5.75 mW/g

Maximum value of SAR (measured) = 42.9 mW/g



SAR MEASUREMENT PLOT 38

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.6 Degrees Celsius
61.0 %

Test Date: 18 April 2007

File Name: Validation 5800MHz (DAE 442 Probe EX3DV4) 18-04-07.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: $\sigma = 5.36086$ mho/m, $\epsilon_r = 34.588$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.66, 3.66, 3.66)

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

Channel 1 Test 2/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 41.8 mW/g

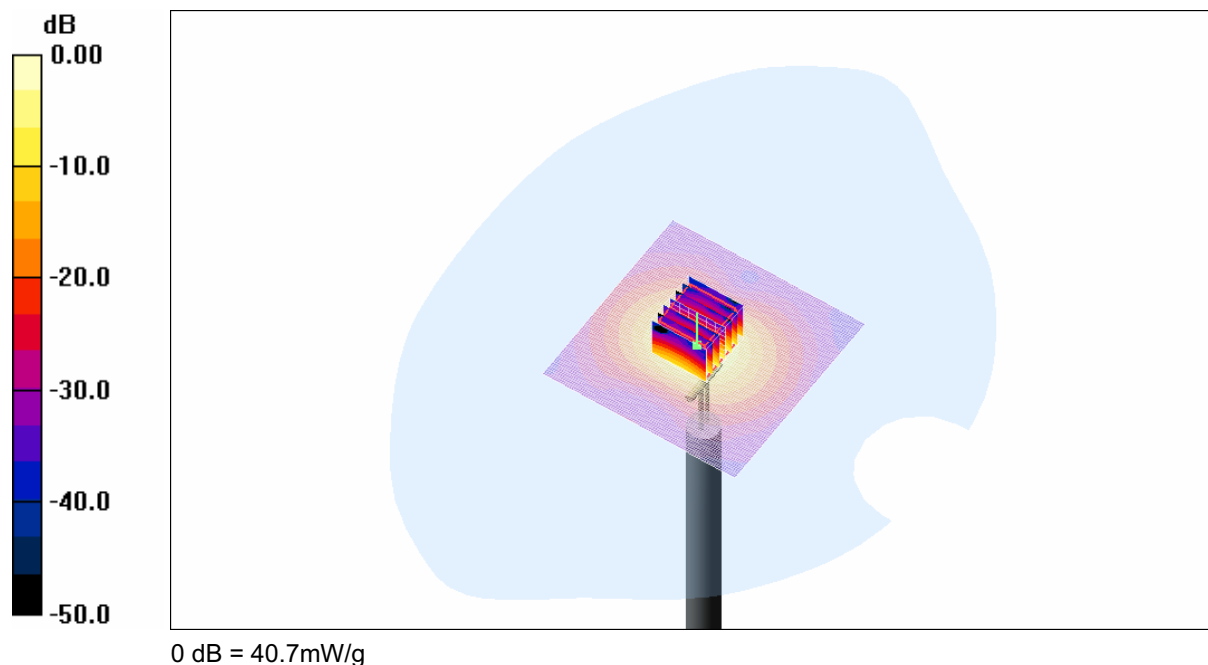
Channel 1 Test 2/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 87.7 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 87.0 W/kg

SAR(1 g) = 19.1 mW/g; SAR(10 g) = 5.35 mW/g

Maximum value of SAR (measured) = 40.7 mW/g



SAR MEASUREMENT PLOT 39

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
52.0 %

Test Date: 19 April 2007

File Name: Validation 5800MHz (DAE 442 Probe EX3DV4) 19-04-07.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: $\sigma = 5.51786$ mho/m, $\epsilon_r = 34.8255$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.66, 3.66, 3.66)

- 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) = 43.5 mW/g

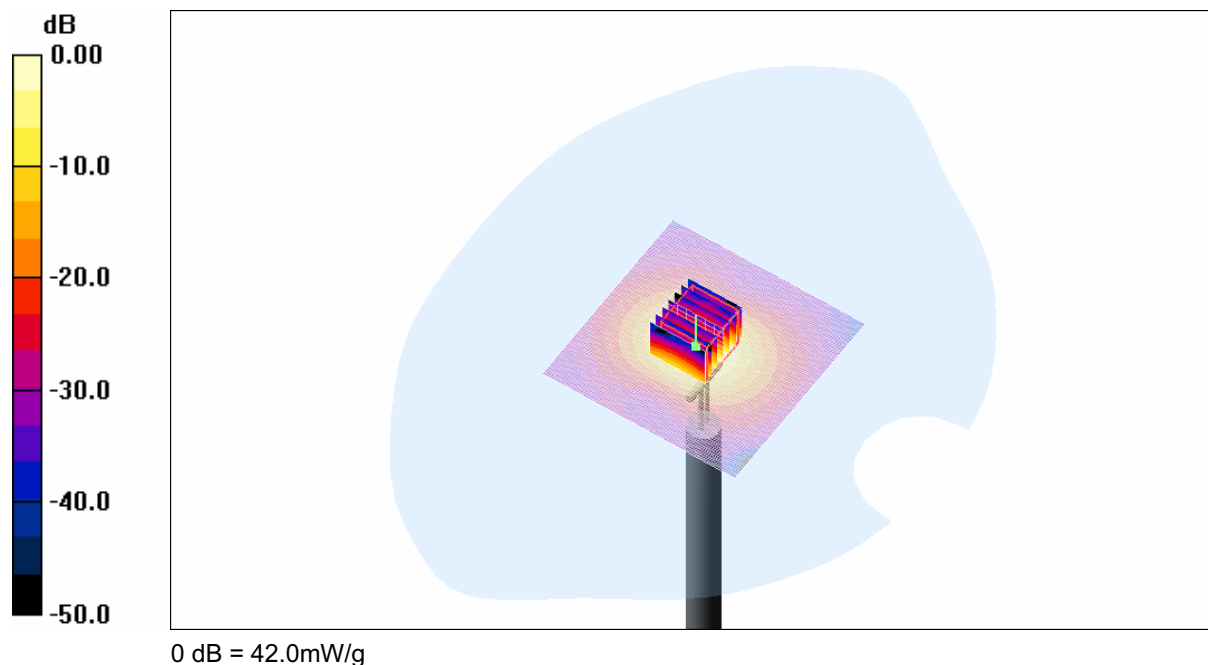
Channel 1 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 90.0 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 89.2 W/kg

SAR(1 g) = 19.7 mW/g; SAR(10 g) = 5.58 mW/g

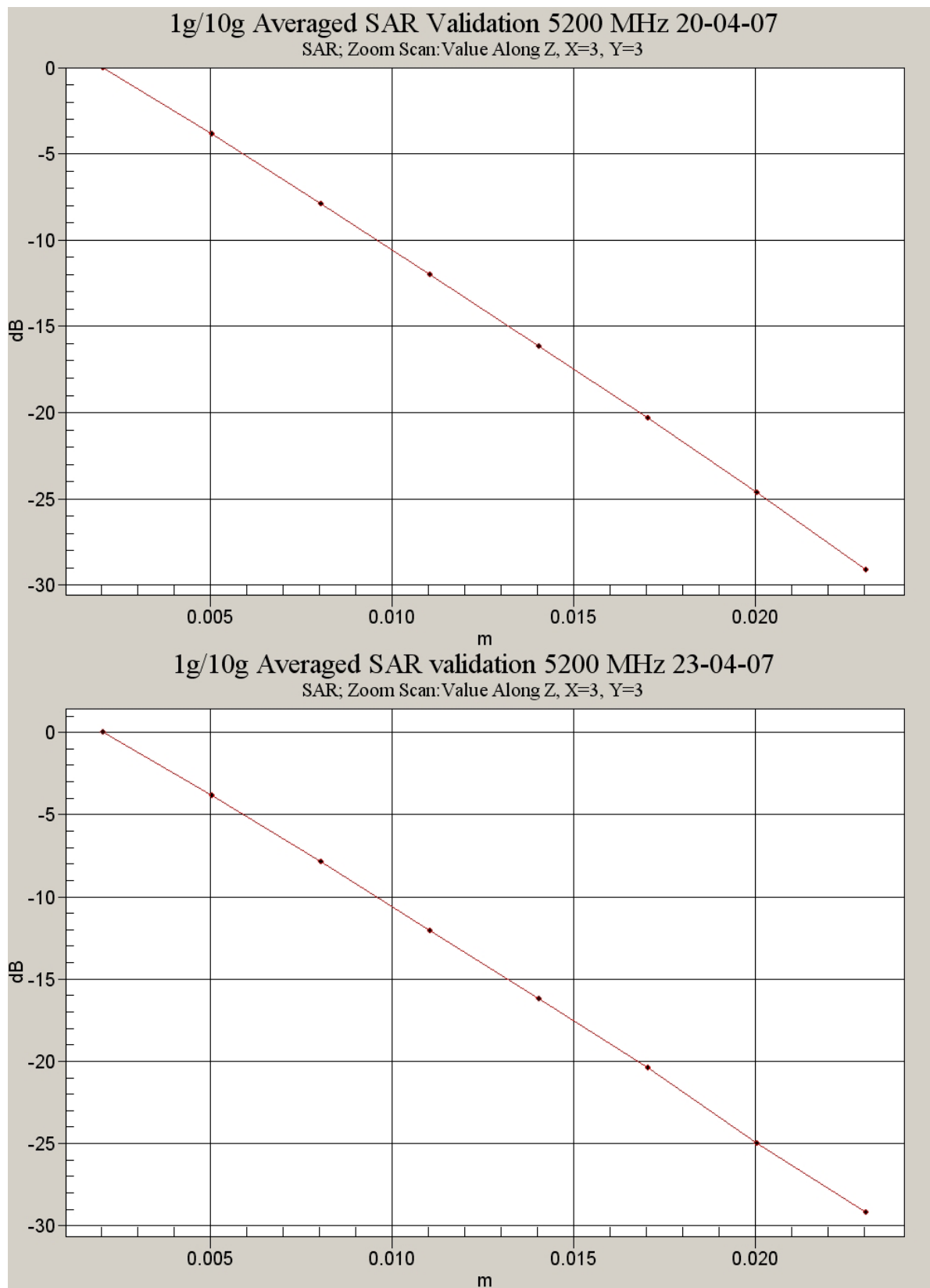
Maximum value of SAR (measured) = 42.0 mW/g



SAR MEASUREMENT PLOT 40

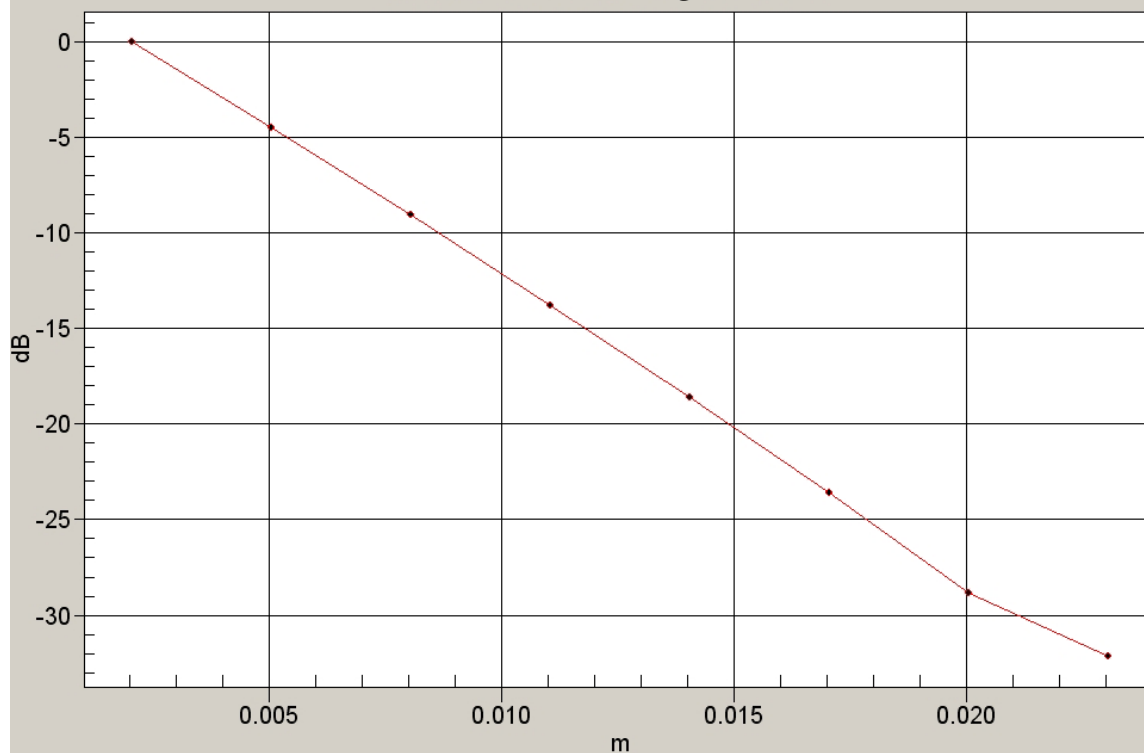
Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.2 Degrees Celsius
60.0 %



1g/10g Averaged SAR Validation 5800 MHz 18-04-07

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

**1g/10g Averaged SAR Validation 5800 MHz 19-04-07**

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

