

Test Date: 22 August 2006

File Name: [Arm Held OFDM 5.6 GHz Antenna Aux Bluetooth Off 22-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

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

* Medium parameters used: $\sigma = 6.1308$ mho/m, $\epsilon_r = 44.2552$; $\rho = 1000$ 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 (121x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.31 mW/g

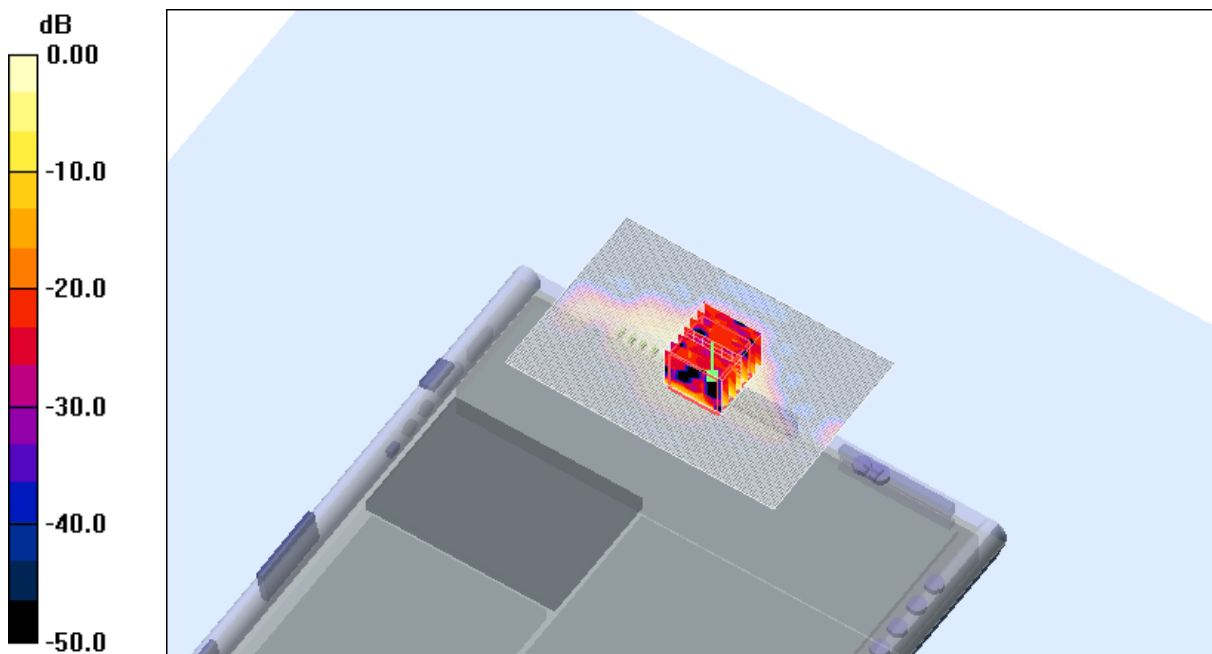
Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 13.6 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 6.10 W/kg

SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 1.51 mW/g



0 dB = 1.51mW/g

SAR MEASUREMENT PLOT 19

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
43.0 %

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DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

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

* Medium parameters used: $\sigma = 6.20869$ mho/m, $\epsilon_r = 44.1286$; $\rho = 1000$ 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 (121x81x1): Measurement grid: dx=10mm, dy=10mm

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

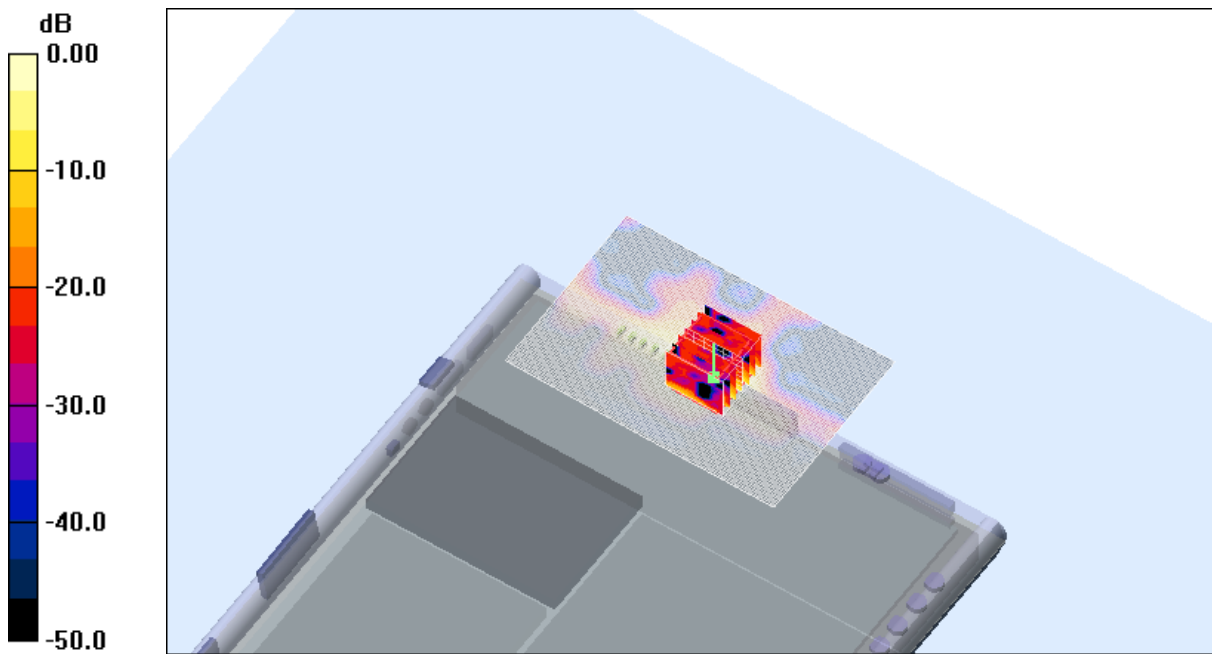
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 13.0 V/m; Power Drift = -0.183 dB

Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 1.53 mW/g



0 dB = 1.53mW/g

SAR MEASUREMENT PLOT 20

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
43.0 %

Test Date: 22 August 2006

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DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

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

* Medium parameters used: $\sigma = 6.26571$ mho/m, $\epsilon_r = 44.042$; $\rho = 1000$ 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 (121x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.64 mW/g

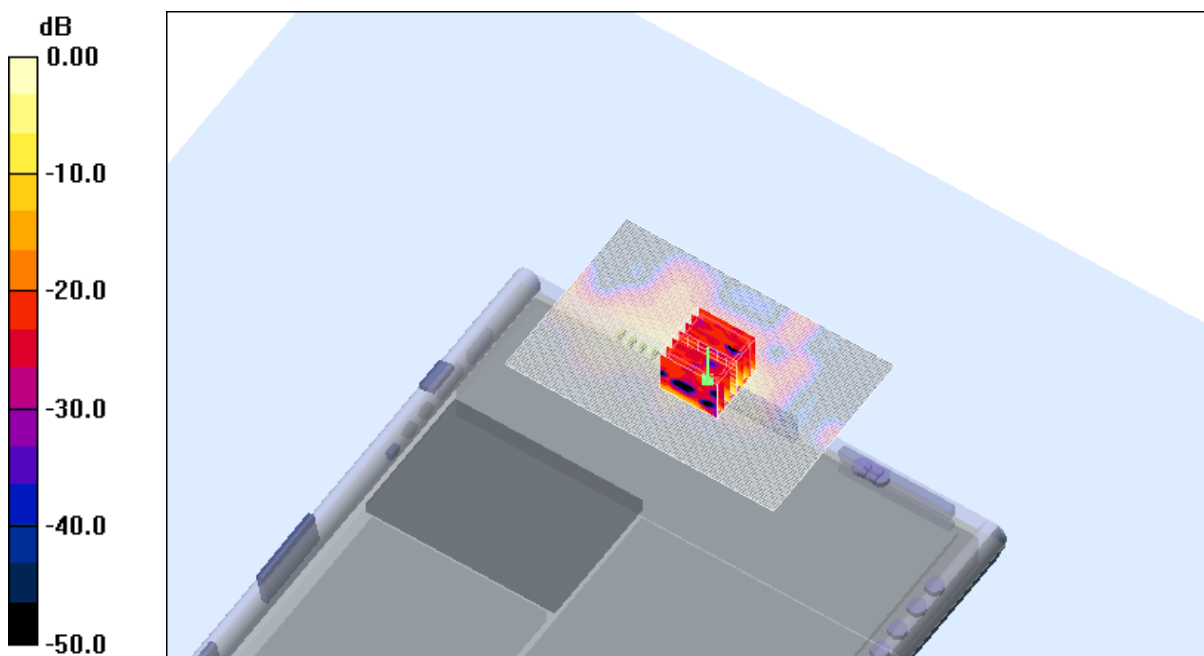
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.4 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 4.29 W/kg

SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 1.79 mW/g



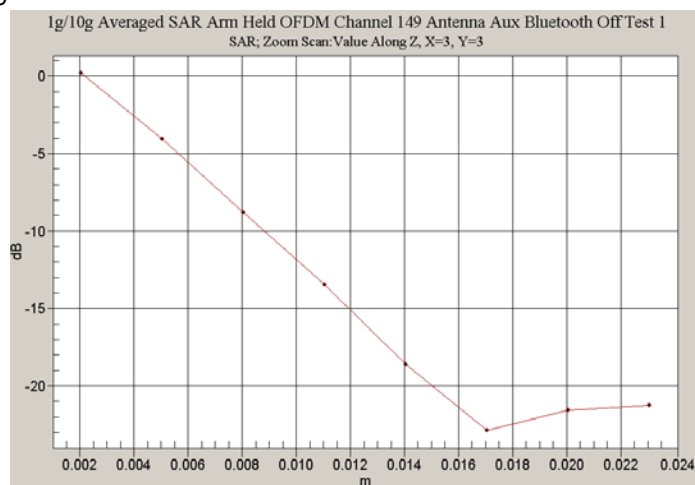
0 dB = 1.79mW/g

SAR MEASUREMENT PLOT 21

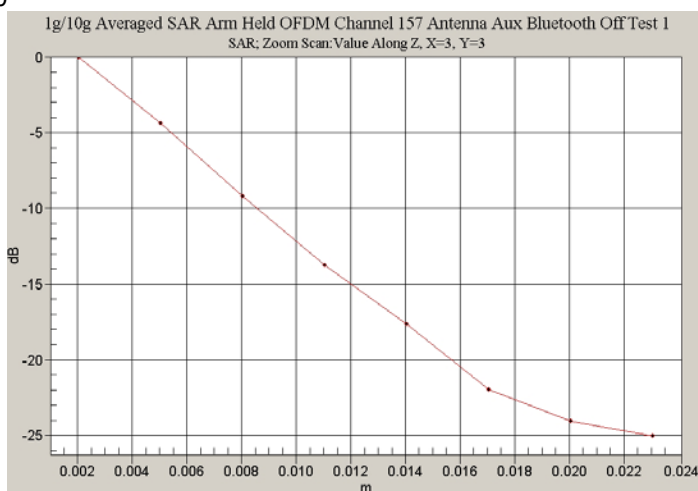
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
43.0 %

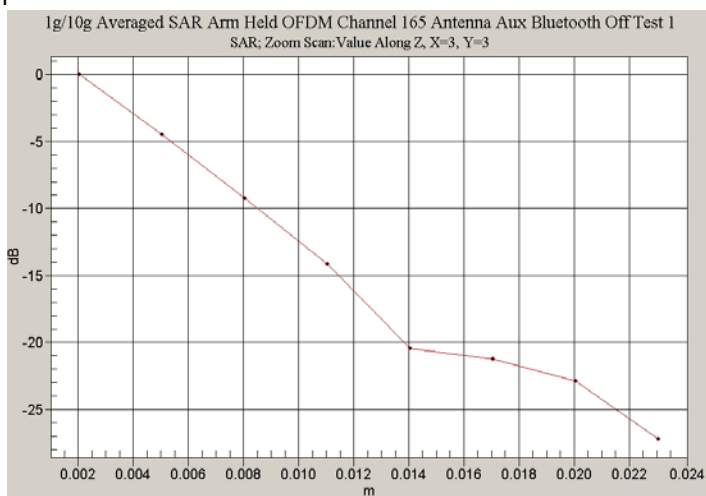
Z-Axis Graph for Plot 19



Z-Axis Graph for Plot 20



Z-Axis Graph for Plot 21



Test Date: 22 August 2006

File Name: [Tablet OFDM 5.6 GHz Antenna Main Bluetooth Off 22-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

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

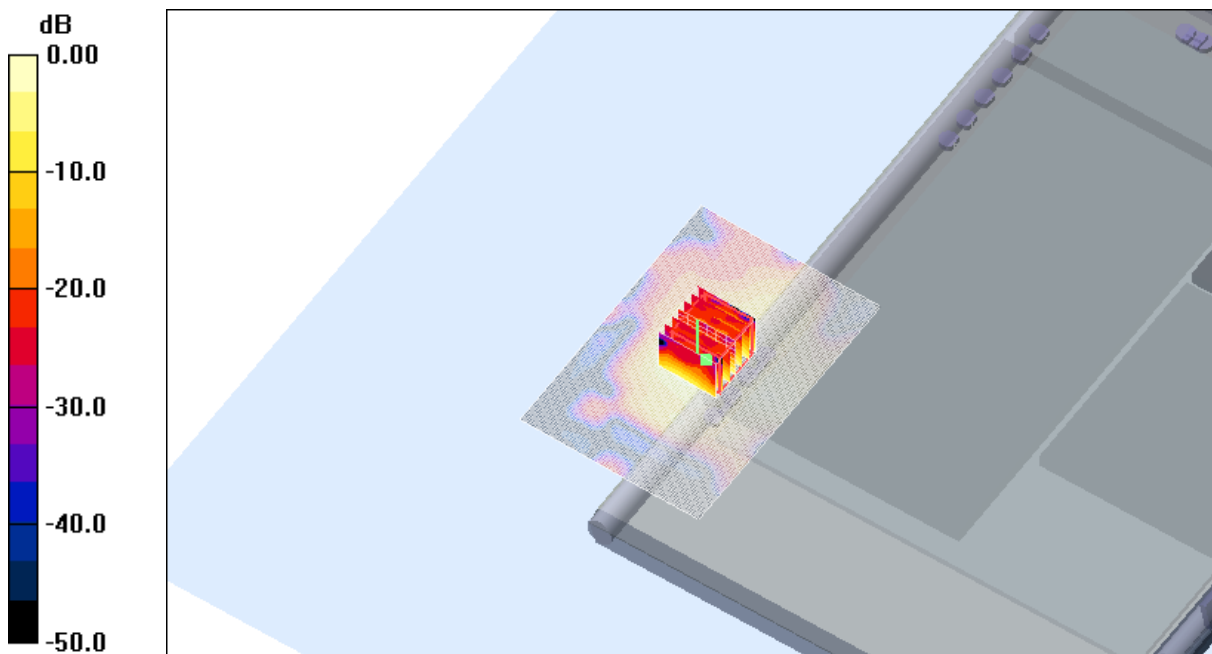
* Medium parameters used: $\sigma = 6.1308$ mho/m, $\epsilon_r = 44.2552$; $\rho = 1000$ kg/m³

- 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 (121x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.77 mW/g

Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 21.4 V/m; Power Drift = 0.054 dB
Peak SAR (extrapolated) = 4.86 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.509 mW/g
Maximum value of SAR (measured) = 2.58 mW/g



0 dB = 2.58mW/g

SAR MEASUREMENT PLOT 22

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
43.0 %

Test Date: 24 August 2006

File Name: [Tablet OFDM 5.6 GHz Antenna Main Bluetooth Off 24-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

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

* Medium parameters used: $\sigma = 6.20138$ mho/m, $\epsilon_r = 44.6783$; $\rho = 1000$ 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 (121x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.16 mW/g

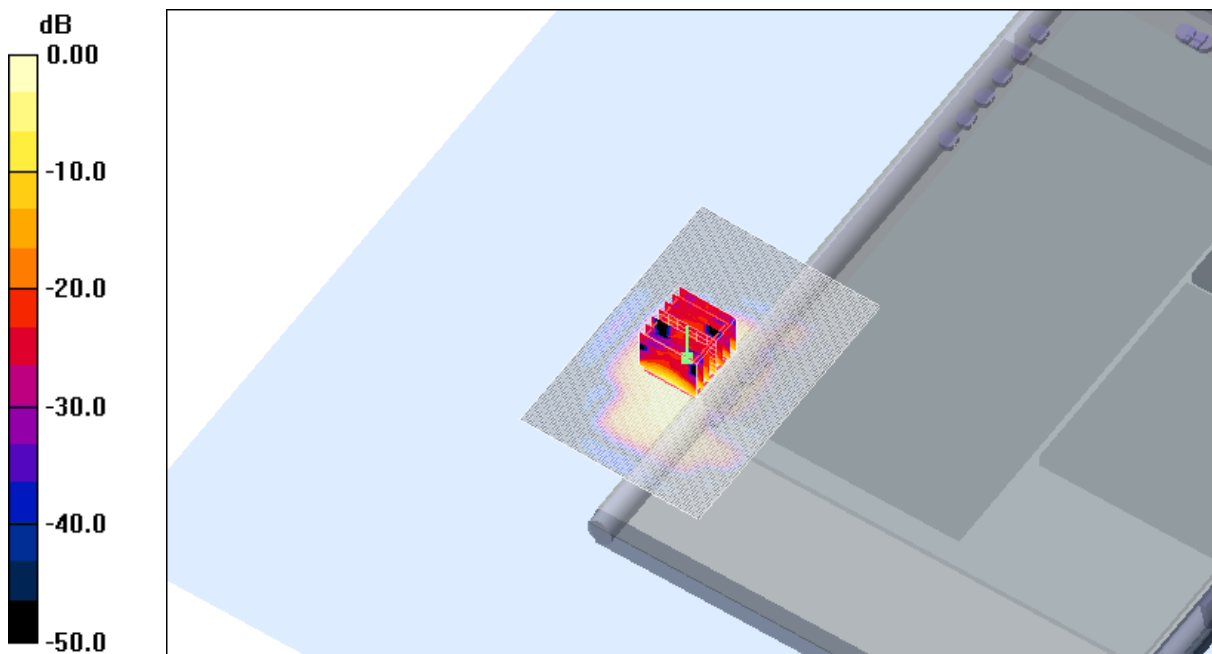
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 20.8 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 5.74 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 2.65 mW/g



0 dB = 2.65mW/g

SAR MEASUREMENT PLOT 23

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.1 Degrees Celsius
47.0 %

Test Date: 24 August 2006

File Name: [Tablet OFDM 5.6 GHz Antenna Main Bluetooth Off 24-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

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

* Medium parameters used: $\sigma = 6.26046$ mho/m, $\epsilon_r = 44.5391$; $\rho = 1000$ 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 (121x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.05 mW/g

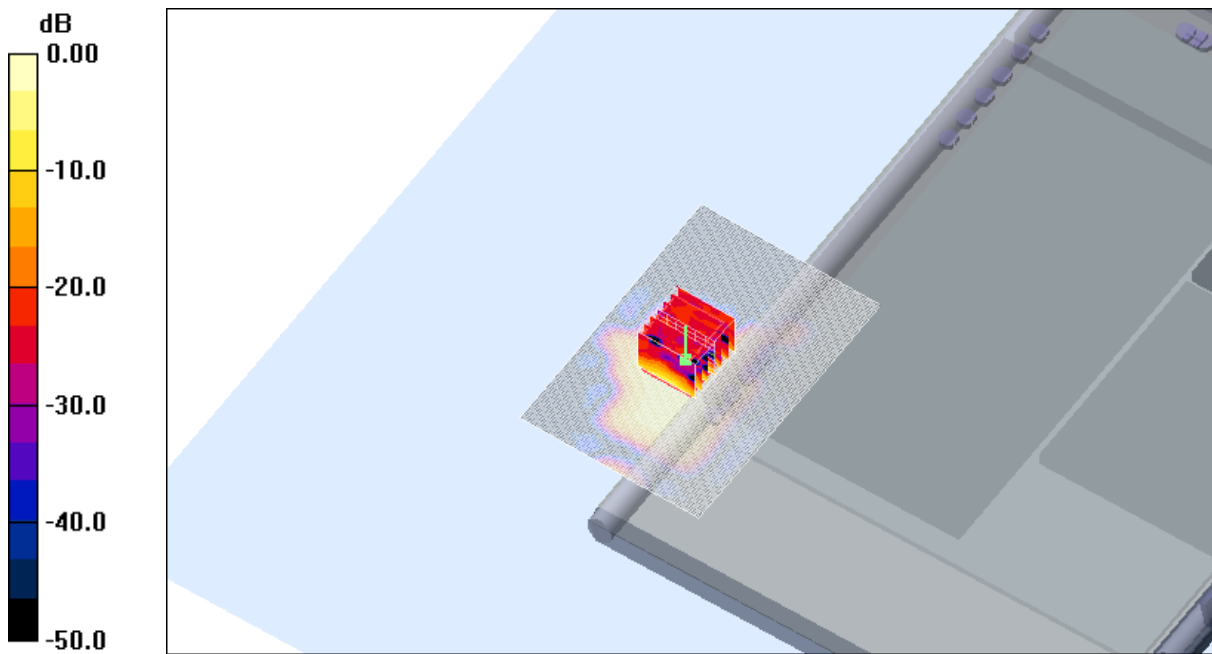
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 19.0 V/m; Power Drift = -0.410 dB

Peak SAR (extrapolated) = 4.99 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 2.38 mW/g



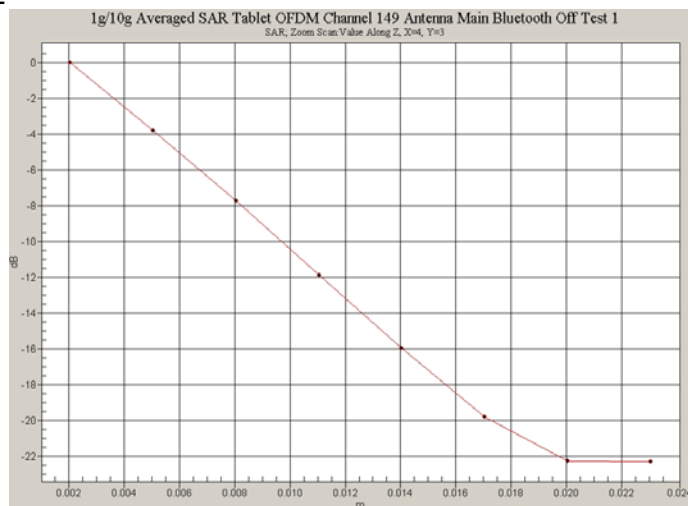
0 dB = 2.38mW/g

SAR MEASUREMENT PLOT 24

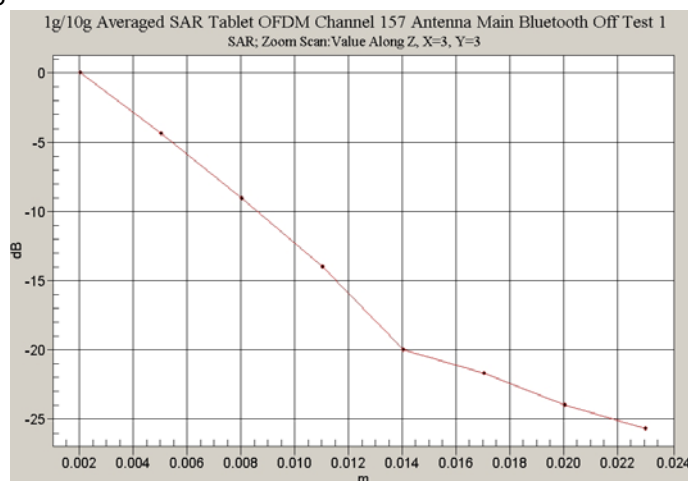
Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.1 Degrees Celsius
47.0 %

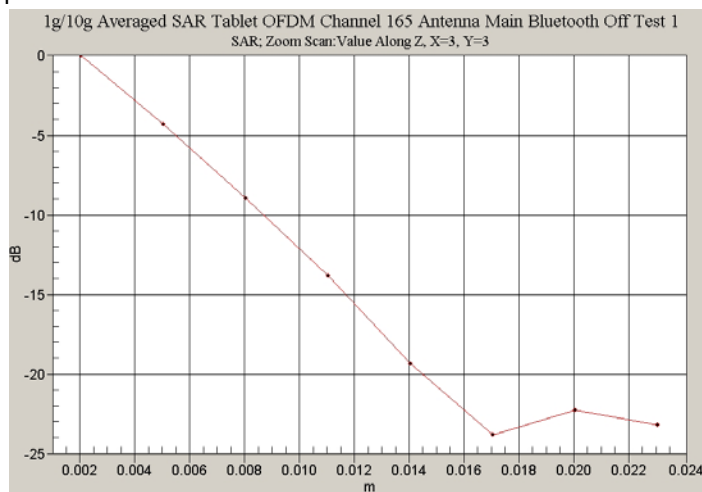
Z-Axis Graph for Plot 22



Z-Axis Graph for Plot 23



Z-Axis Graph for Plot 24



Test Date: 21 August 2006

File Name: [Edge On OFDM 5.6 GHz Antenna Aux Bluetooth Off Prescan 21-08-06.da4](#)

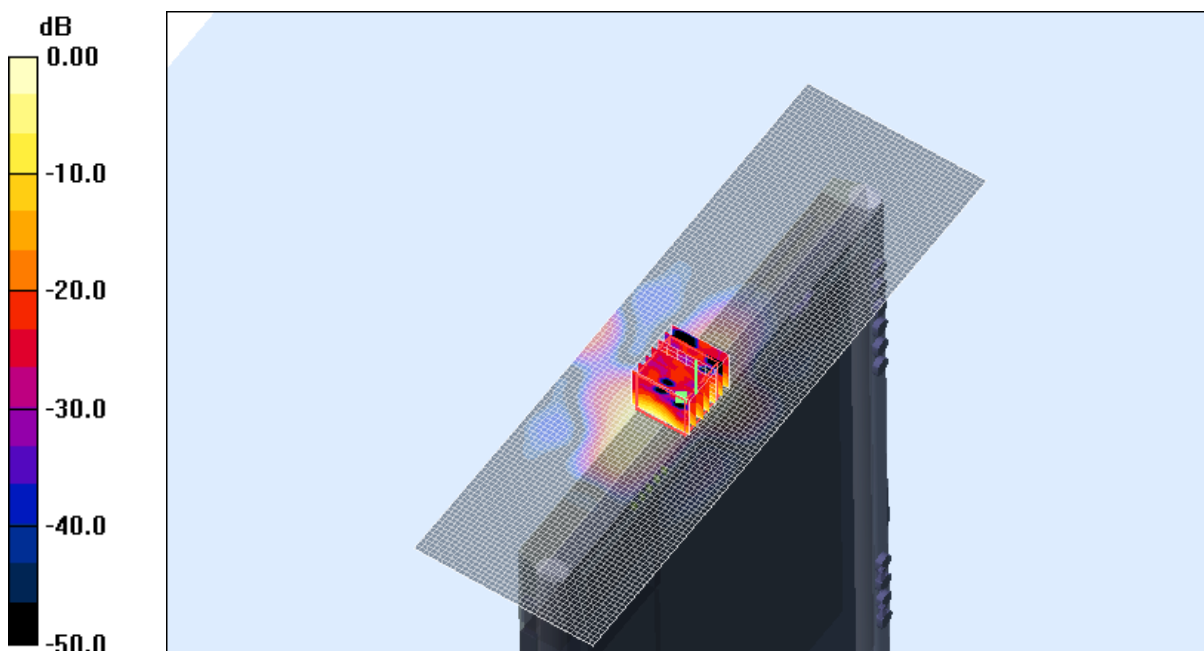
DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

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

* Medium parameters used: $\sigma = 6.07791$ mho/m, $\epsilon_r = 45.4981$; $\rho = 1000$ 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



0 dB = 1.61mW/g

SAR MEASUREMENT PLOT 25

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.0 Degrees Celsius
36.0 %

Test Date: 21 August 2006

File Name: [Edge On OFDM 5.6 GHz Antenna Main Bluetooth Off Prescan 21-08-06.da4](#)

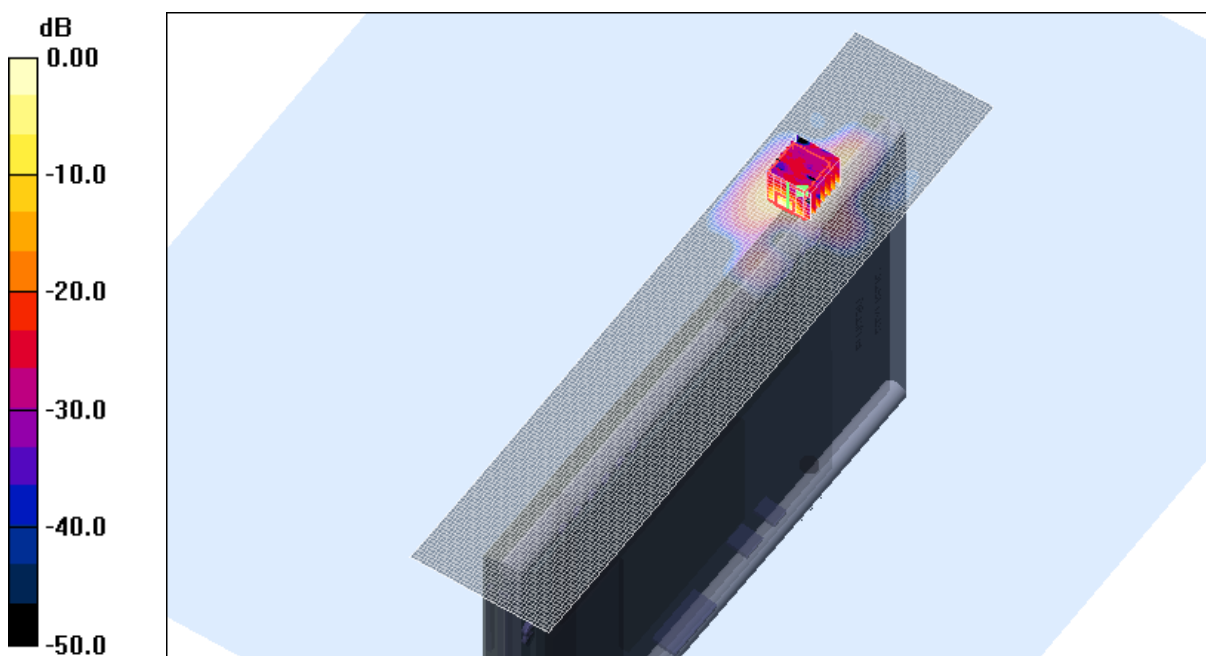
DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

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

* Medium parameters used: $\sigma = 6.07791$ mho/m, $\epsilon_r = 45.4981$; $\rho = 1000$ 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



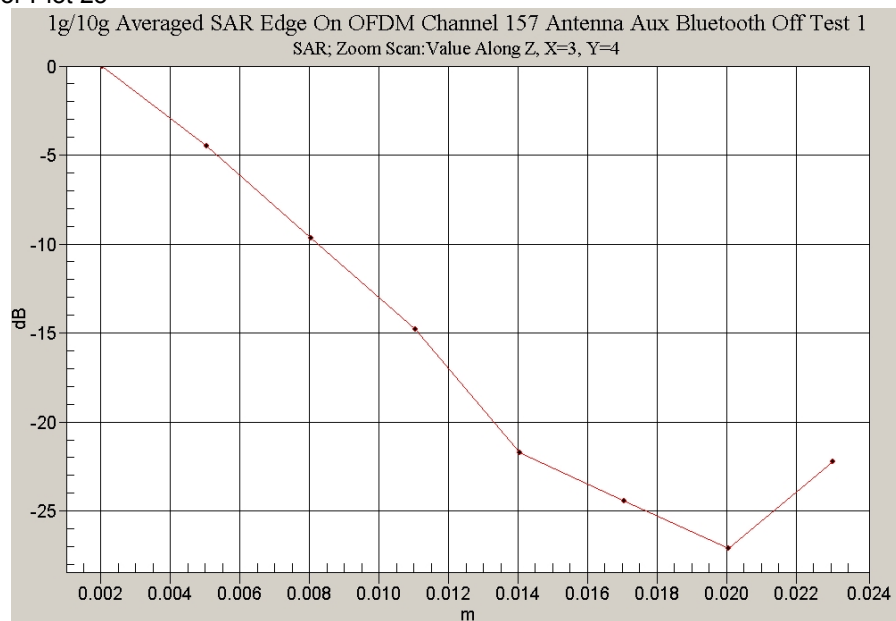
0 dB = 4.44mW/g

SAR MEASUREMENT PLOT 26

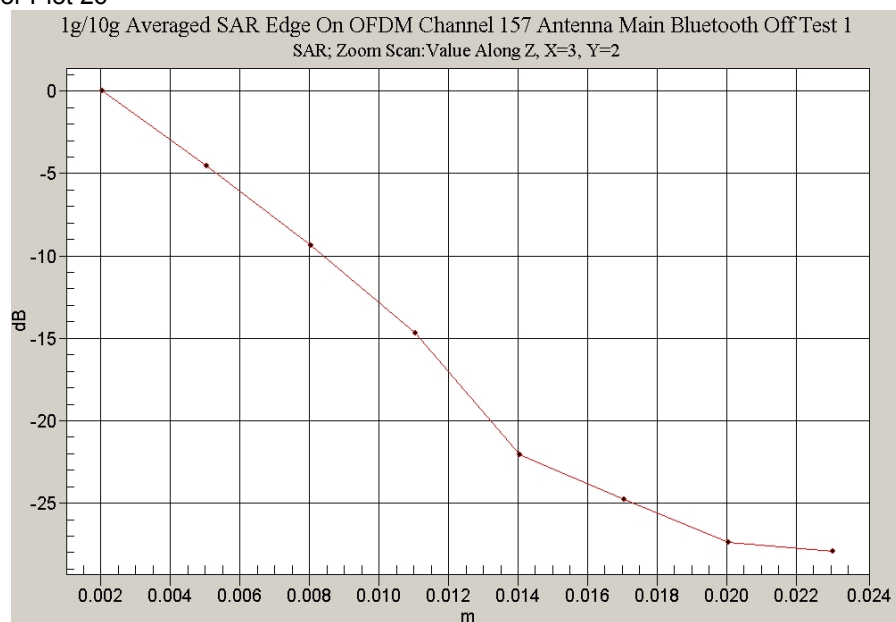
Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.0 Degrees Celsius
36.0 %

Z-Axis Graph for Plot 25



Z-Axis Graph for Plot 26



Test Date: 21 August 2006

File Name: [Edge On OFDM 5.6 GHz Antenna Aux Bluetooth Off 21-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

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

* Medium parameters used: $\sigma = 5.99305$ mho/m, $\epsilon_r = 45.6397$; $\rho = 1000$ 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 (81x121x1): Measurement grid: dx=10mm, dy=10mm

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

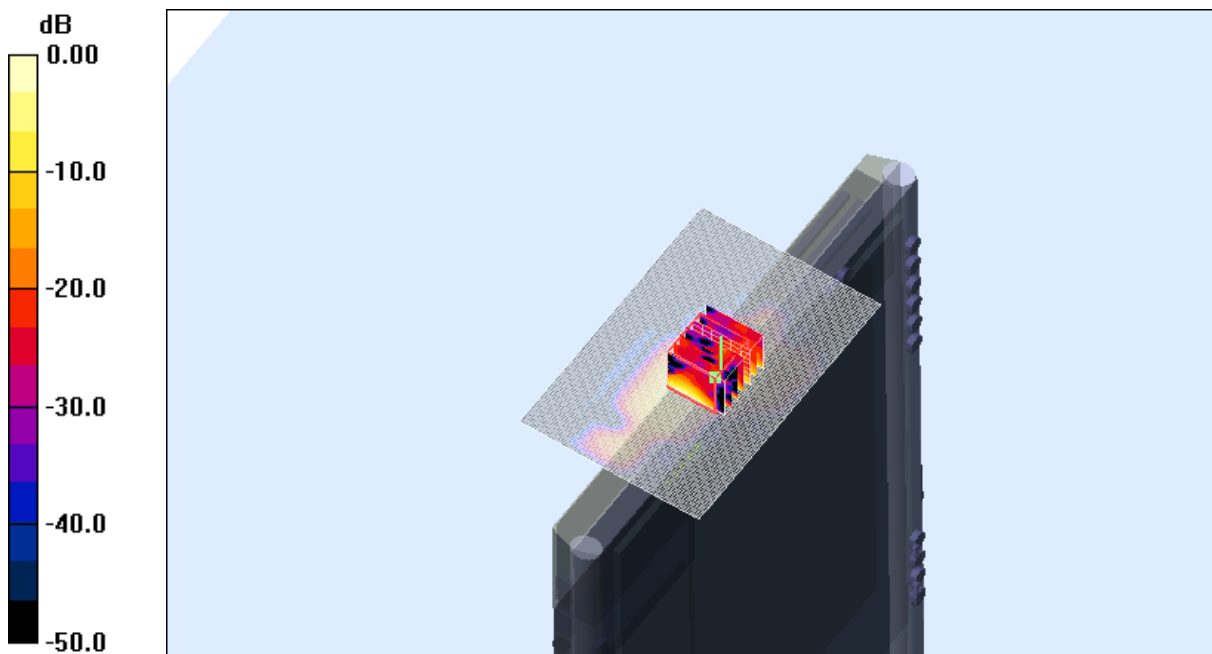
Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 16.3 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 4.00 W/kg

SAR(1 g) = 0.804 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 1.90 mW/g



0 dB = 1.90mW/g

SAR MEASUREMENT PLOT 27

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.0 Degrees Celsius
36.0 %

Test Date: 21 August 2006

File Name: [Edge On OFDM 5.6 GHz Antenna Aux Bluetooth Off 21-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

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

* Medium parameters used: $\sigma = 6.07791$ mho/m, $\epsilon_r = 45.4981$; $\rho = 1000$ 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 (81x121x1): Measurement grid: dx=10mm, dy=10mm

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

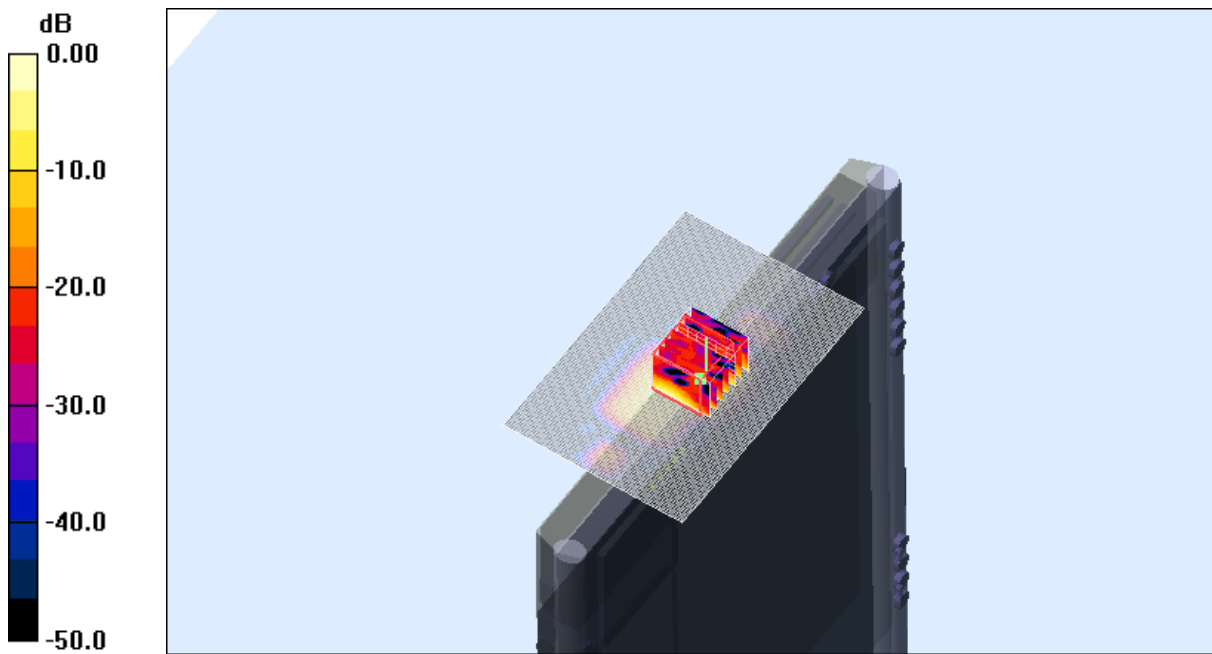
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 15.4 V/m; Power Drift = -0.419 dB

Peak SAR (extrapolated) = 3.65 W/kg

SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.188 mW/g

Maximum value of SAR (measured) = 1.72 mW/g



0 dB = 1.72mW/g

SAR MEASUREMENT PLOT 28

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.0 Degrees Celsius
36.0 %

Test Date: 21 August 2006

File Name: [Edge On OFDM 5.6 GHz Antenna Aux Bluetooth Off 21-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

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

* Medium parameters used: $\sigma = 6.14707$ mho/m, $\epsilon_r = 45.3835$; $\rho = 1000$ 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 (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.04 mW/g

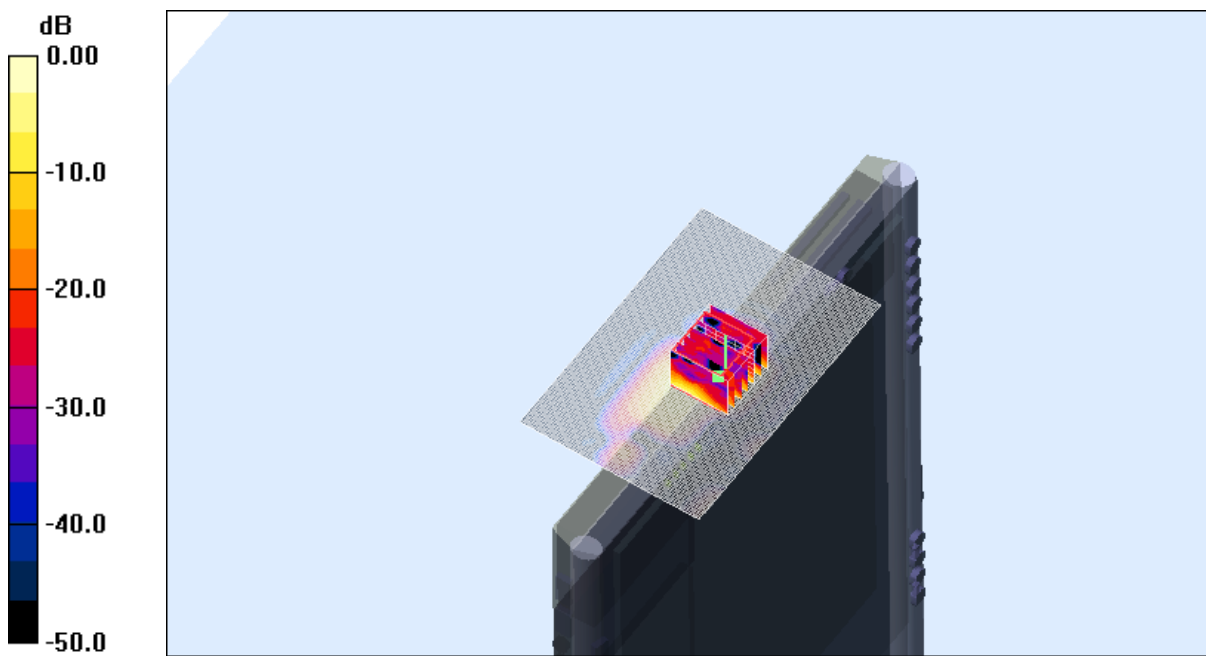
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 13.3 V/m; Power Drift = -0.456 dB

Peak SAR (extrapolated) = 4.73 W/kg

SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 2.14 mW/g



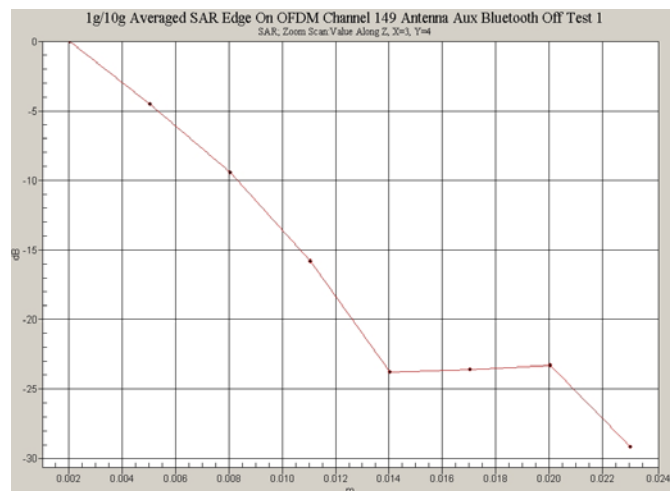
0 dB = 2.14mW/g

SAR MEASUREMENT PLOT 29

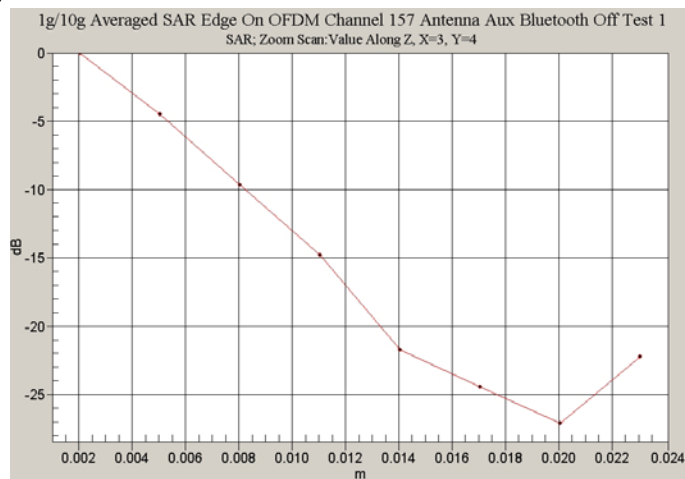
Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.0 Degrees Celsius
36.0 %

Z-Axis Graph for Plot 27



Z-Axis Graph for Plot 28



Z-Axis Graph for Plot 29

