

Test Date: 16 August 2006

File Name: [EU Arm Held OFDM 5.6 GHz Antenna B Bluetooth Off 16-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz EU; Frequency: 5500 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.75297$ mho/m, $\epsilon_r = 46.4236$; $\rho = 1000$ 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 100 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.83 mW/g

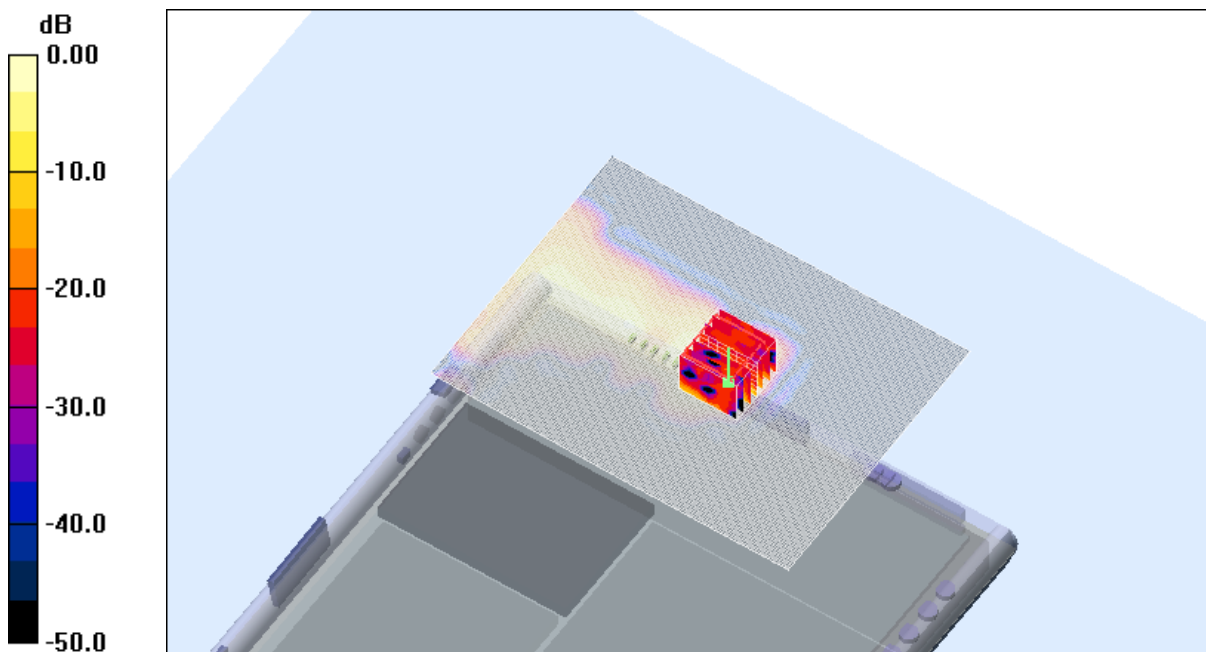
Channel 100 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 17.7 V/m; Power Drift = -0.267 dB

Peak SAR (extrapolated) = 3.89 W/kg

SAR(1 g) = 0.804 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 1.84 mW/g



0 dB = 1.84mW/g

SAR MEASUREMENT PLOT 19

Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
19.8 Degrees Celsius
35.0 %

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DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz EU; Frequency: 5600 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.9389$ mho/m, $\epsilon_r = 46.0455$; $\rho = 1000$ 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 120 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.56 mW/g

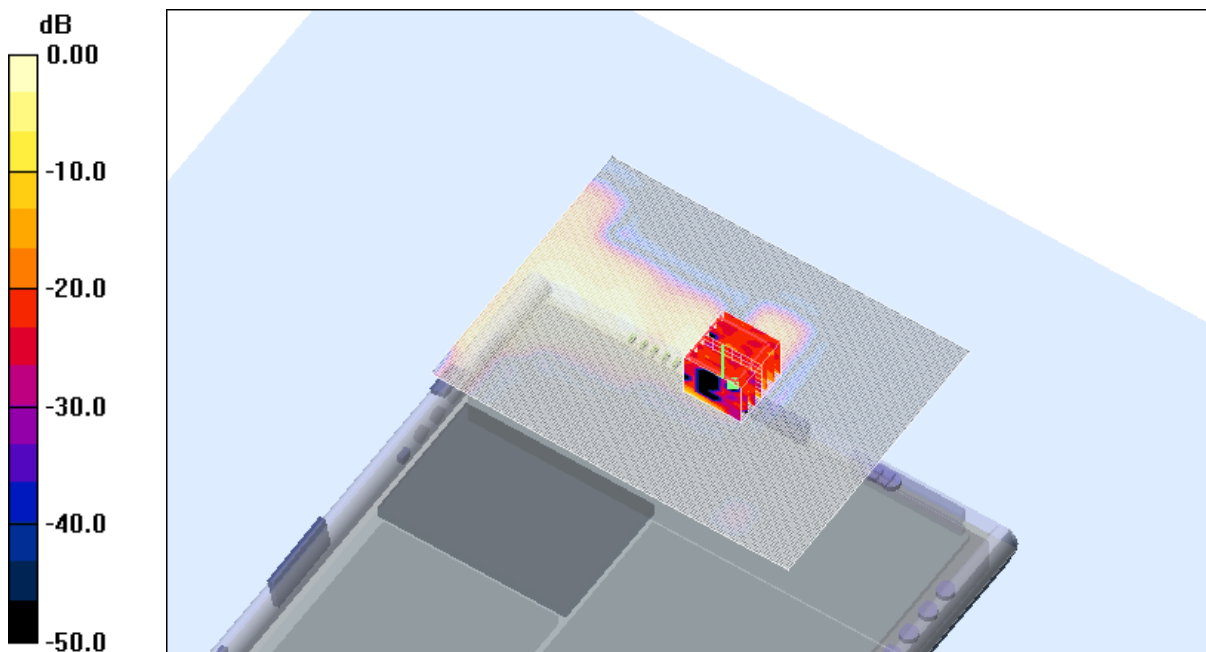
Channel 120 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 17.1 V/m; Power Drift = 0.401 dB

Peak SAR (extrapolated) = 3.80 W/kg

SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 1.65 mW/g



0 dB = 1.65mW/g

SAR MEASUREMENT PLOT 20

Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
19.8 Degrees Celsius
35.0 %

Test Date: 16 August 2006

File Name: [EU Arm Held OFDM 5.6 GHz Antenna B Bluetooth Off 16-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz EU; Frequency: 5700 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.1113 \text{ mho/m}$, $\epsilon_r = 45.7232$; $\rho = 1000 \text{ kg/m}^3$

- 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 140 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.07 mW/g

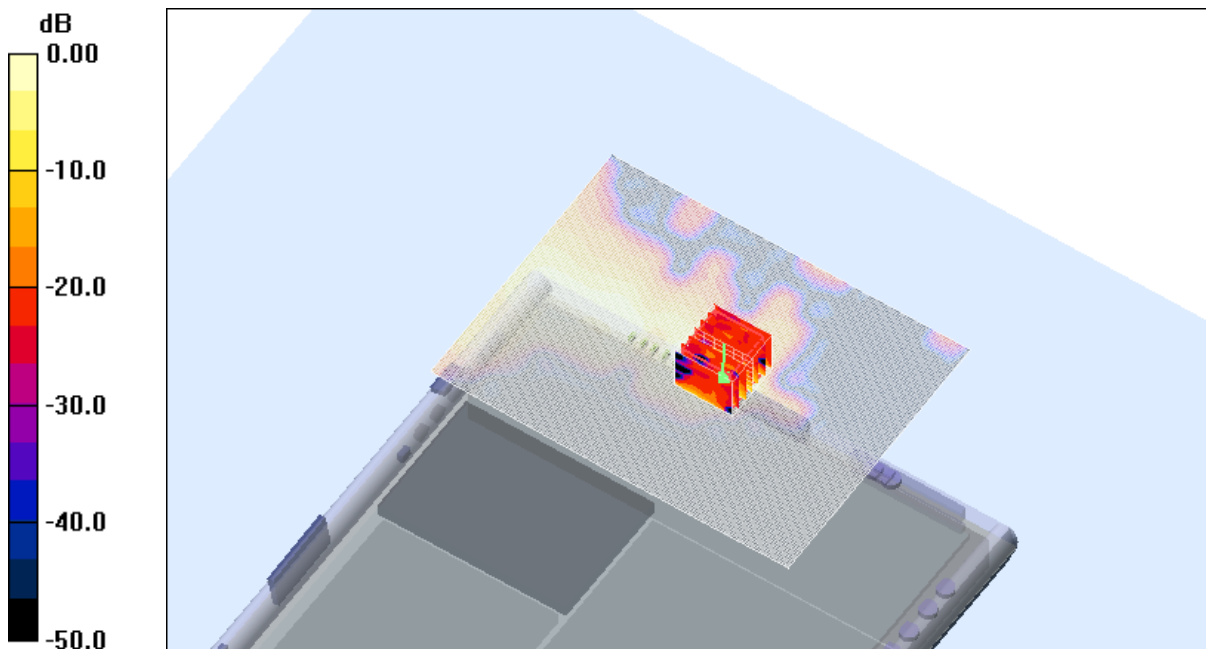
Channel 140 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 18.7 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 4.04 W/kg

SAR(1 g) = 0.699 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 1.60 mW/g



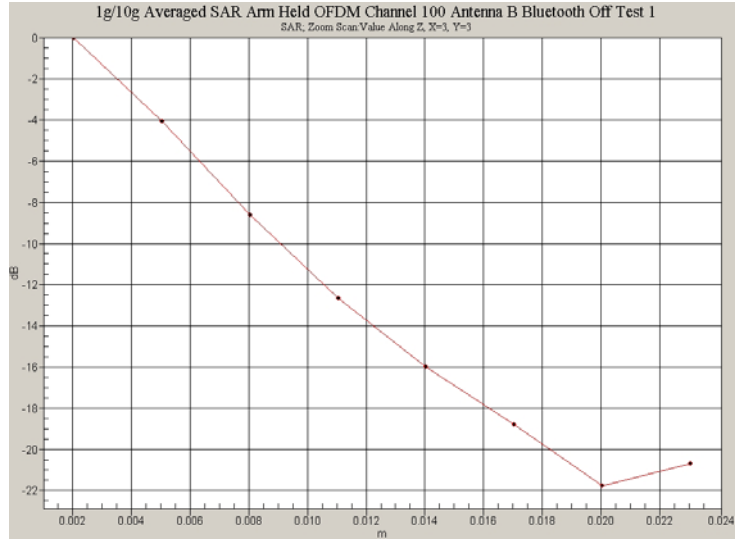
0 dB = 1.60mW/g

SAR MEASUREMENT PLOT 21

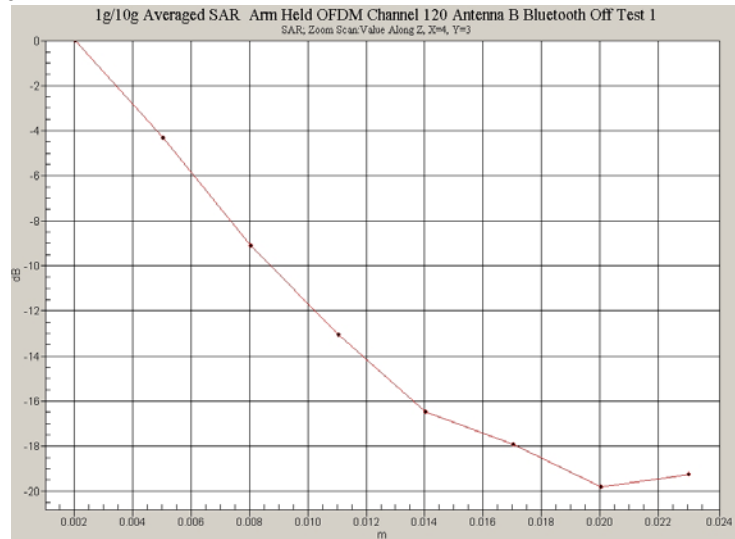
Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
19.8 Degrees Celsius
35.0 %

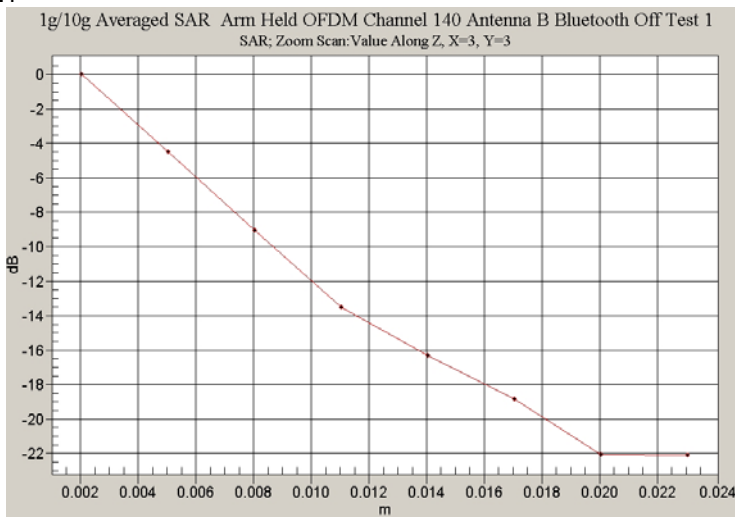
Z-Axis graph for plot 19



Z-Axis graph for plot 20



Z-Axis graph for plot 21



Test Date: 16 August 2006

File Name: [EU Tablet OFDM 5.6 GHz Ant A Bluetooth Off 16-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz EU; Frequency: 5500 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.75297$ mho/m, $\epsilon_r = 46.4236$; $\rho = 1000$ 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 100 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.56 mW/g

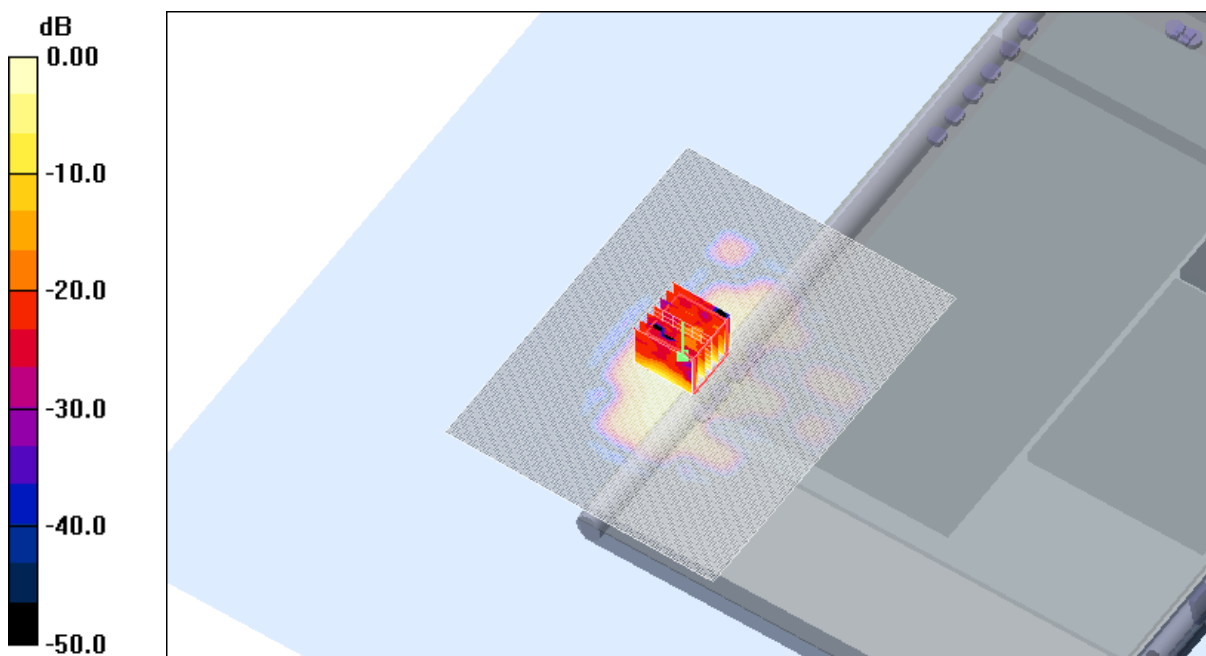
Channel 100 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 17.0 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 1.50 mW/g



0 dB = 1.50mW/g

SAR MEASUREMENT PLOT 22

Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
19.8 Degrees Celsius
35.0 %

Test Date: 16 August 2006

File Name: [EU Tablet OFDM 5.6 GHz Ant A Bluetooth Off 16-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz EU; Frequency: 5600 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.9389$ mho/m, $\epsilon_r = 46.0455$; $\rho = 1000$ 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 120 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm

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

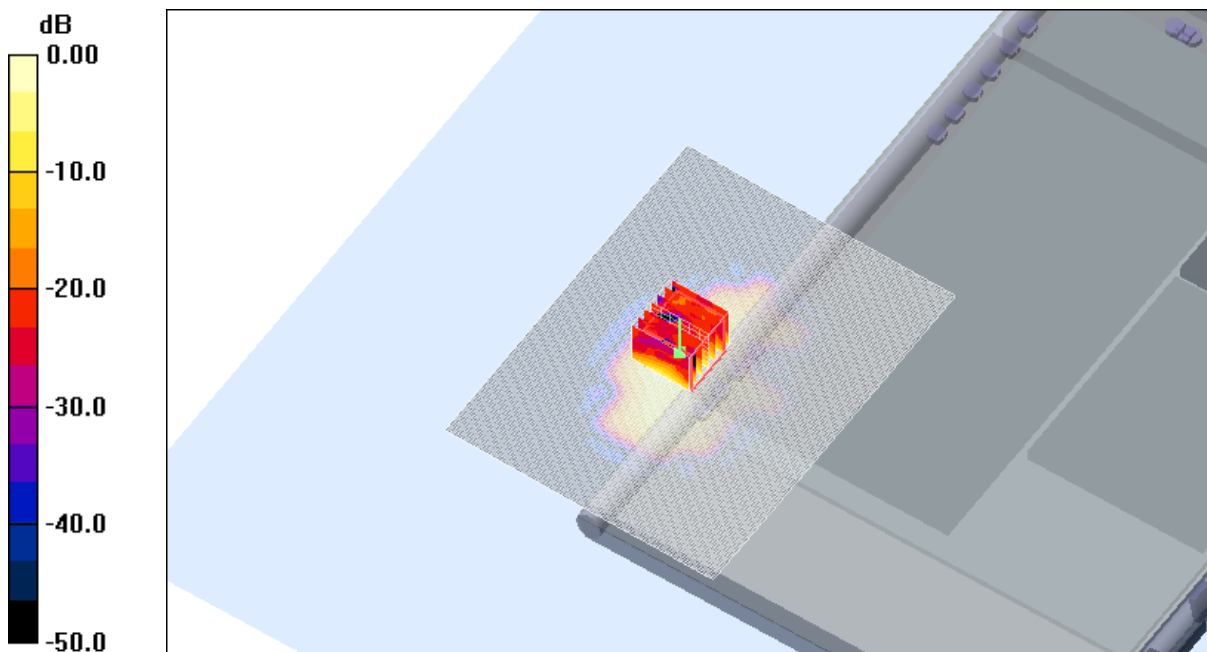
Channel 120 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 17.2 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 3.03 W/kg

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 1.55 mW/g



0 dB = 1.55mW/g

SAR MEASUREMENT PLOT 23

Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
19.8 Degrees Celsius
35.0 %

Test Date: 16 August 2006

File Name: [EU Tablet OFDM 5.6 GHz Ant A Bluetooth Off 16-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz EU; Frequency: 5700 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.1113$ mho/m, $\epsilon_r = 45.7232$; $\rho = 1000$ 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 140 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.49 mW/g

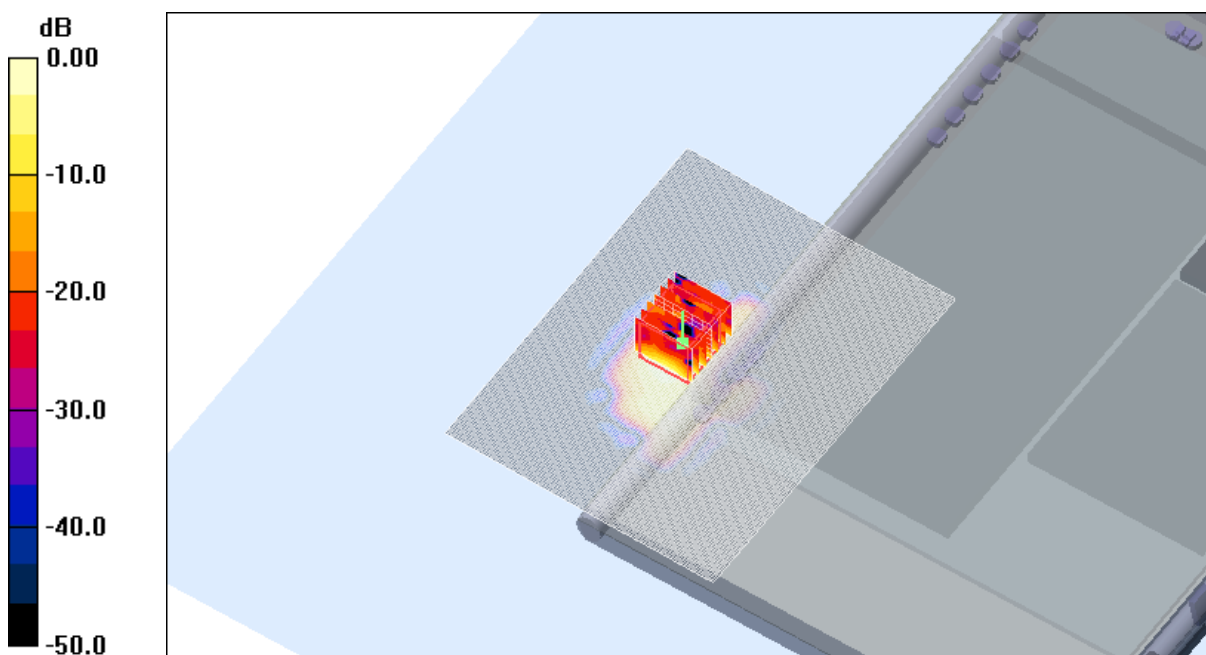
Channel 140 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 15.8 V/m; Power Drift = -0.443 dB

Peak SAR (extrapolated) = 2.78 W/kg

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 1.37 mW/g



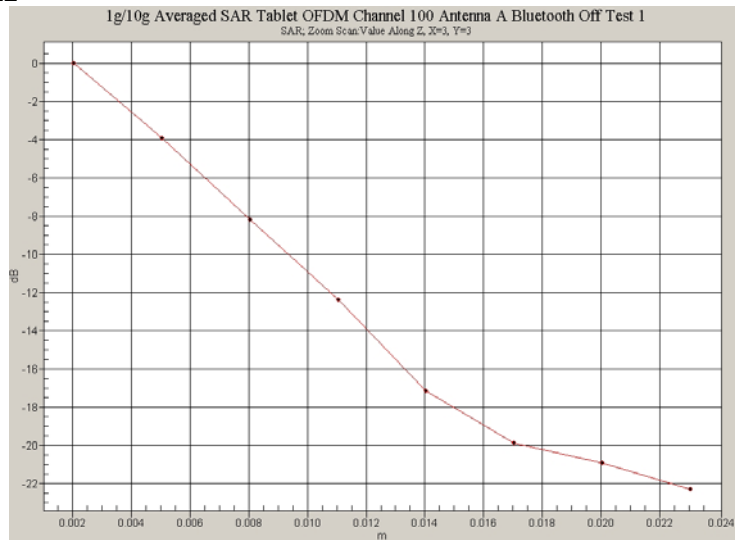
0 dB = 1.37mW/g

SAR MEASUREMENT PLOT 24

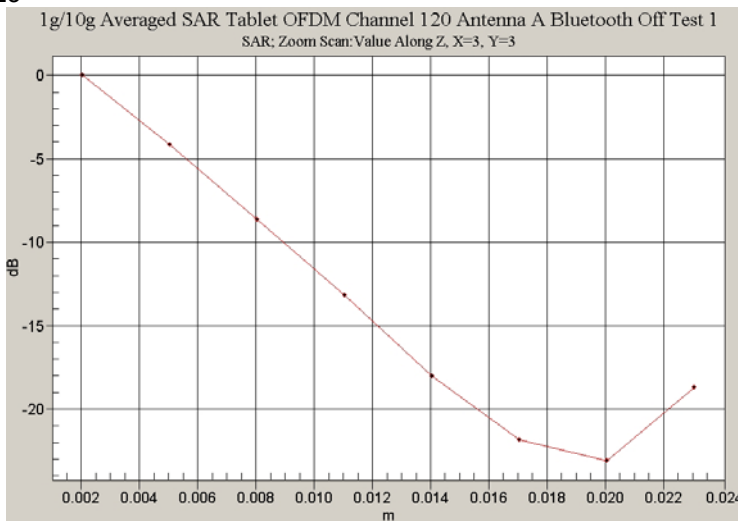
Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
19.8 Degrees Celsius
35.0 %

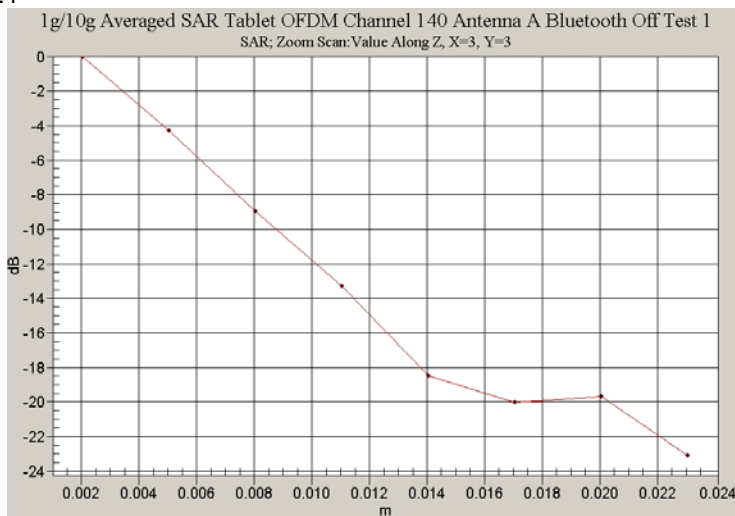
Z-Axis graph for plot 22



Z-Axis graph for plot 23



Z-Axis graph for plot 24



Test Date: 17 August 2006

File Name: [EU Edge On OFDM 5.6 GHz Ant A Bluetooth Off 17-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz EU; Frequency: 5500 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.789$ mho/m, $\epsilon_r = 46.1975$; $\rho = 1000$ 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 100 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.78 mW/g

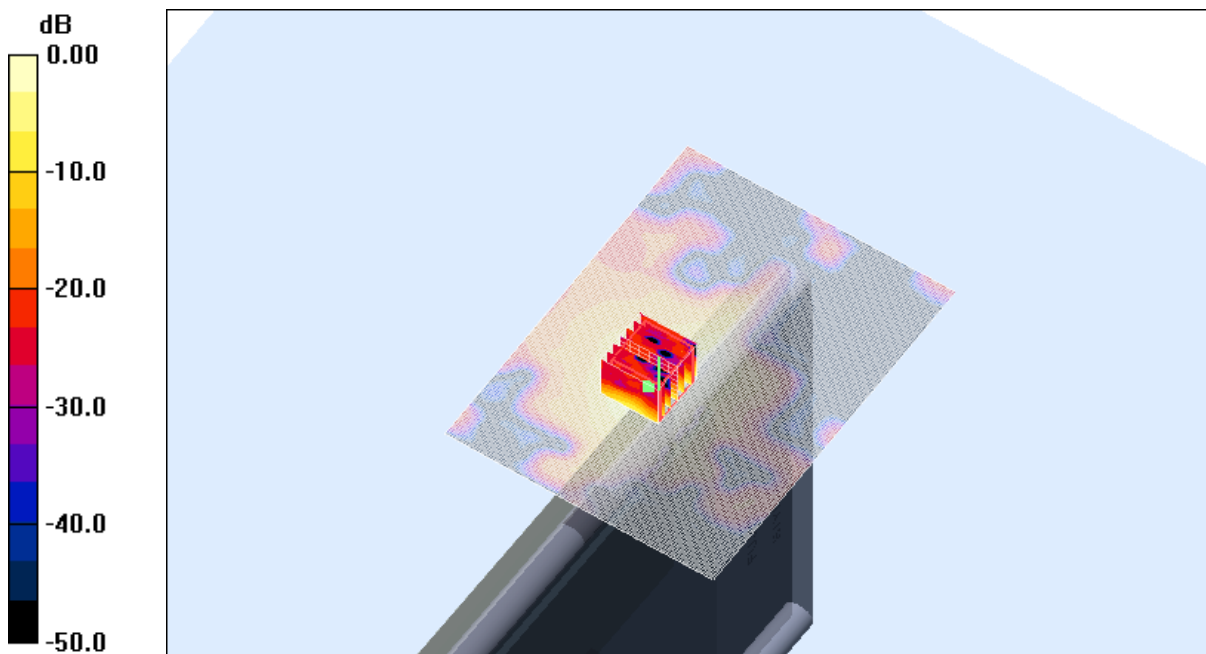
Channel 100 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.72 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 4.42 W/kg

SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.236 mW/g

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



0 dB = 1.96mW/g

SAR MEASUREMENT PLOT 25

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.1 Degrees Celsius
39.0 %

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DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz EU; Frequency: 5600 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.97683$ mho/m, $\epsilon_r = 45.9012$; $\rho = 1000$ 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 120 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.91 mW/g

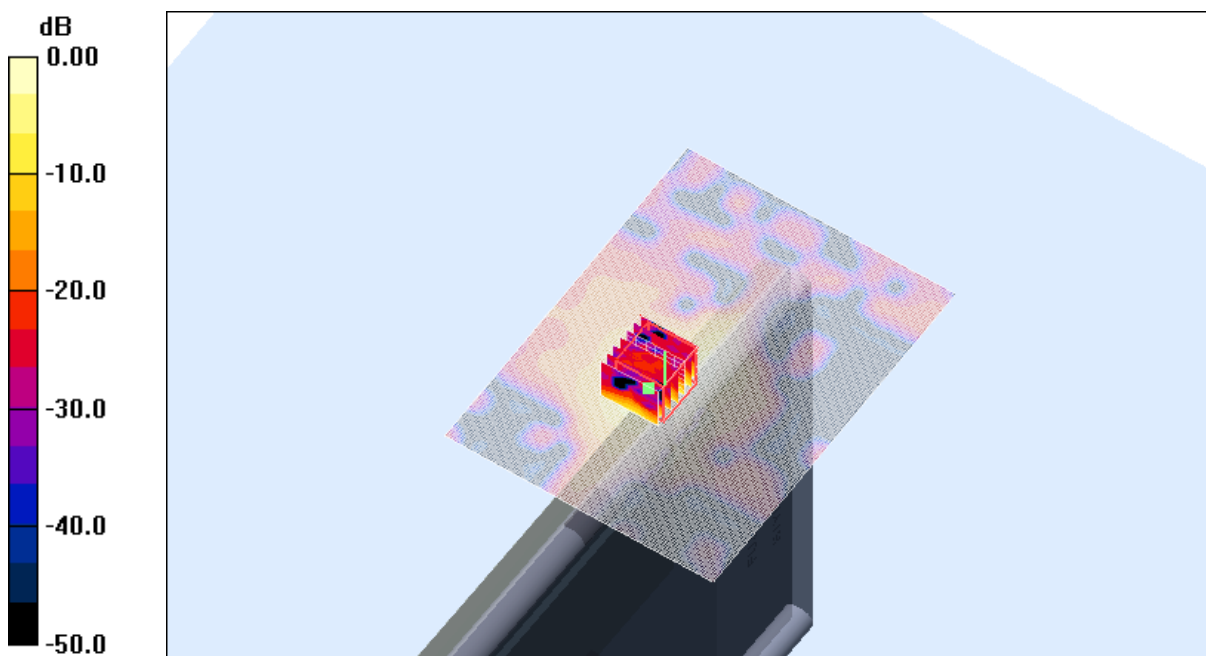
Channel 120 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.0 V/m; Power Drift = 0.434 dB

Peak SAR (extrapolated) = 5.44 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 2.43 mW/g



0 dB = 2.43mW/g

SAR MEASUREMENT PLOT 26

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.1 Degrees Celsius
39.0 %

Test Date: 17 August 2006

File Name: [EU Edge On OFDM 5.6 GHz Ant A Bluetooth Off 17-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz EU; Frequency: 5700 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.15686$ mho/m, $\epsilon_r = 45.5862$; $\rho = 1000$ 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 140 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.97 mW/g

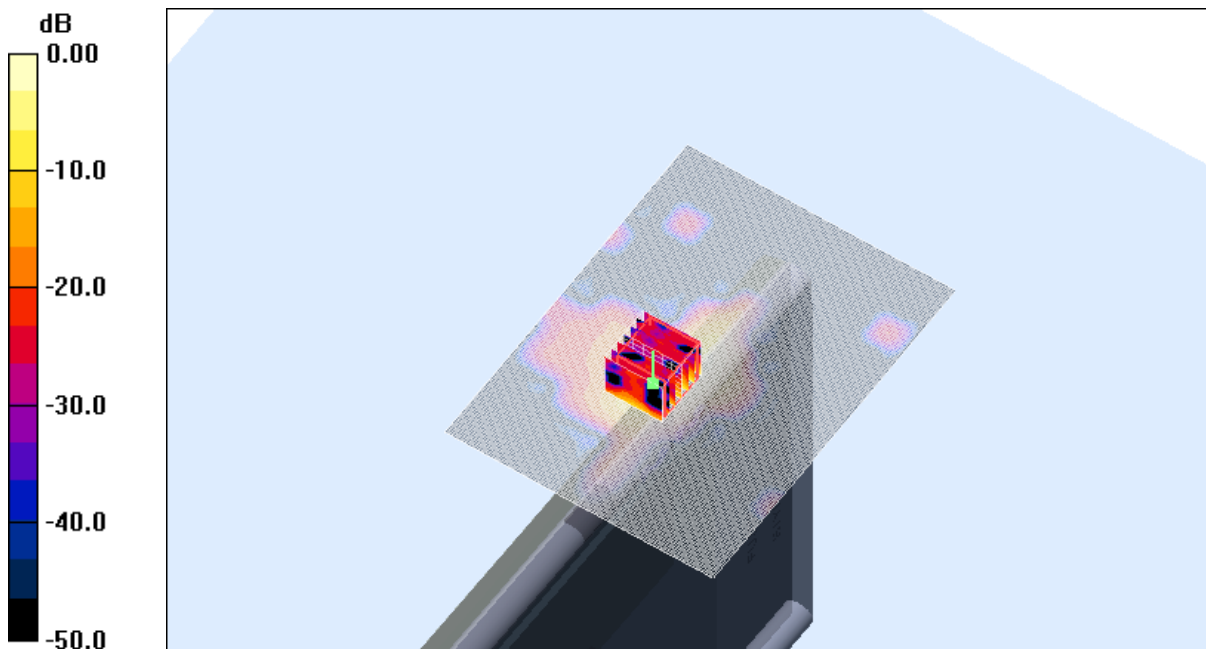
Channel 140 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.1 V/m; Power Drift = -0.375 dB

Peak SAR (extrapolated) = 6.38 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 2.43 mW/g



0 dB = 2.43mW/g

SAR MEASUREMENT PLOT 27

Ambient Temperature

20.5 Degrees Celsius

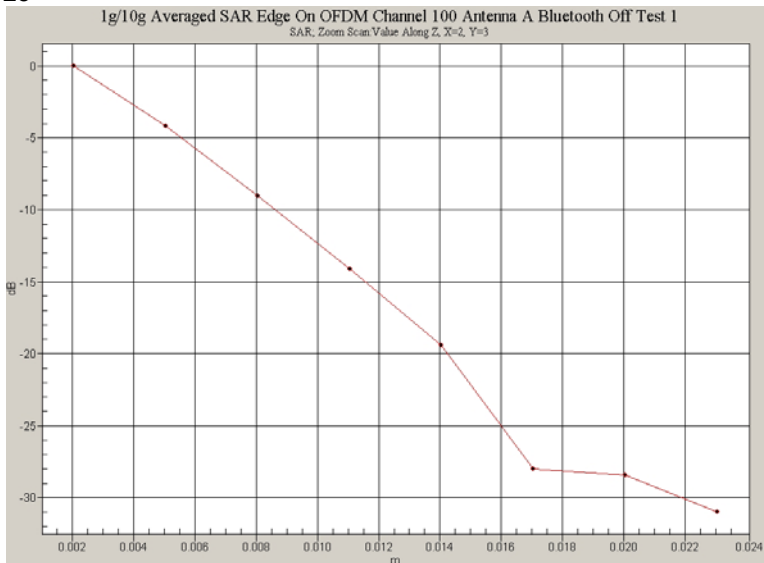
Liquid Temperature

20.1 Degrees Celsius

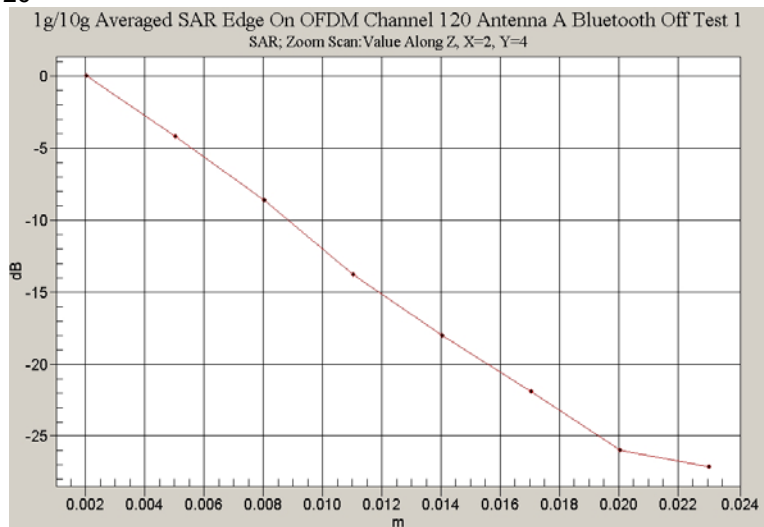
Humidity

39.0 %

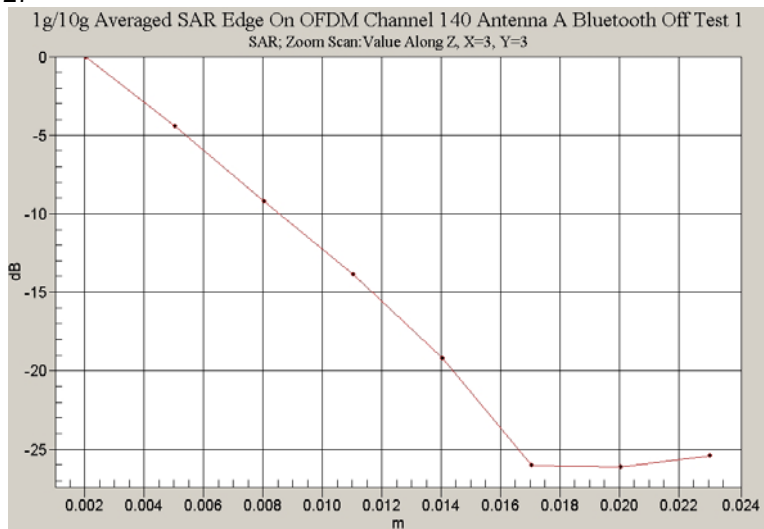
Z-Axis graph for plot 25



Z-Axis graph for plot 26



Z-Axis graph for plot 27



Test Date: 16 August 2006

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DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

* Communication System: OFDM 5770 MHz EU; Frequency: 5500 MHz; Duty Cycle: 1:1

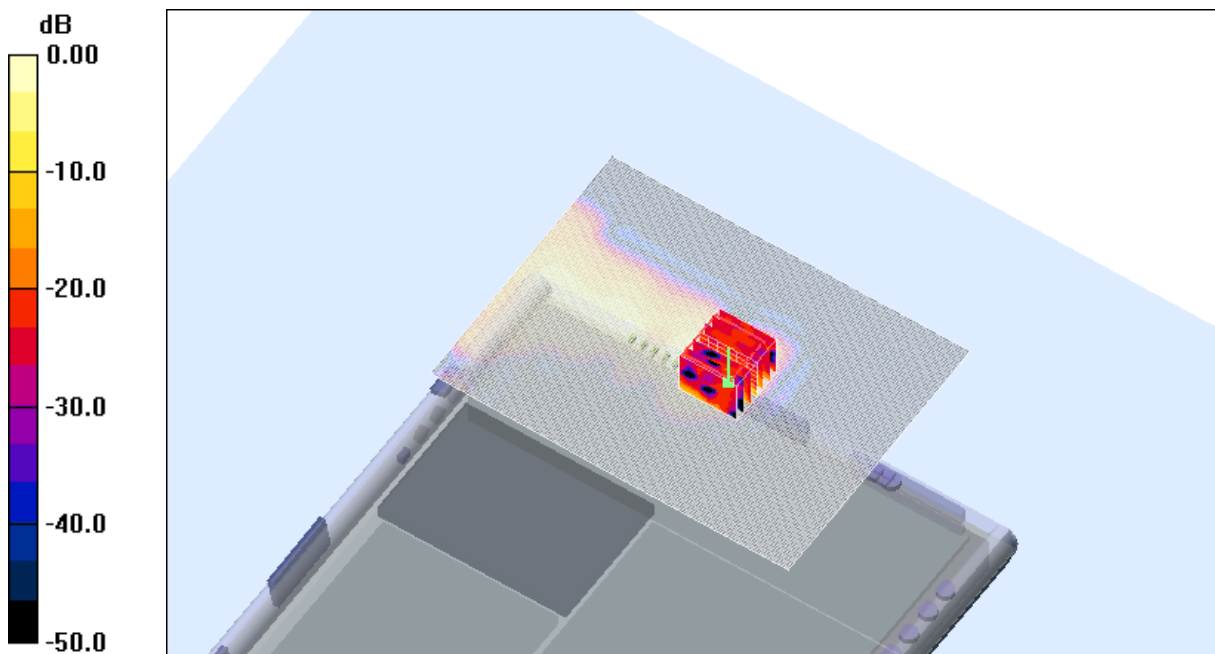
* Medium parameters used: $\sigma = 5.75297$ mho/m, $\epsilon_r = 46.4236$; $\rho = 1000$ kg/m³

- 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 100 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.83 mW/g

Channel 100 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 17.7 V/m; Power Drift = -0.267 dB
 Peak SAR (extrapolated) = 3.89 W/kg
SAR(1 g) = 0.804 mW/g; SAR(10 g) = 0.179 mW/g
 Maximum value of SAR (measured) = 1.84 mW/g



0 dB = 1.84mW/g

SAR MEASUREMENT PLOT 28

Ambient Temperature
 Liquid Temperature
 Humidity

20.3 Degrees Celsius
 19.8 Degrees Celsius
 35.0 %

Test Date: 16 August 2006

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DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

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* Medium parameters used: $\sigma = 5.9389$ mho/m, $\epsilon_r = 46.0455$; $\rho = 1000$ 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 120 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.56 mW/g

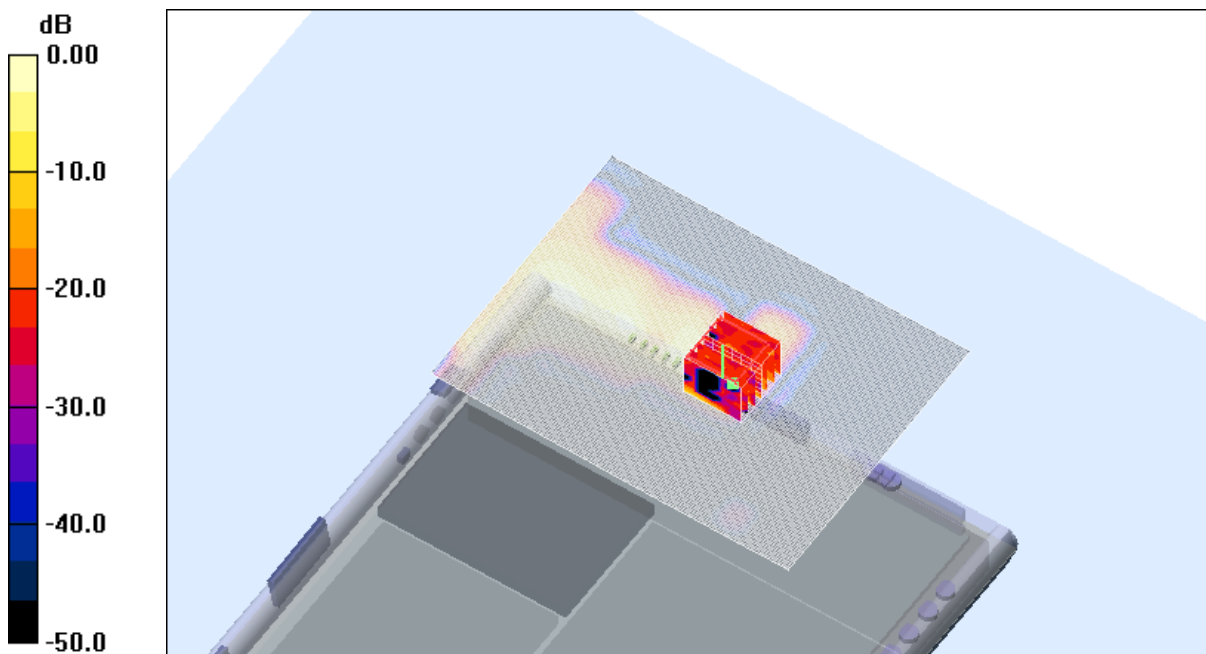
Channel 120 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 17.1 V/m; Power Drift = 0.401 dB

Peak SAR (extrapolated) = 3.80 W/kg

SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 1.65 mW/g



0 dB = 1.65mW/g

SAR MEASUREMENT PLOT 29

Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
19.8 Degrees Celsius
35.0 %

Test Date: 16 August 2006

File Name: [EU Arm Held OFDM 5.6 GHz Antenna B Bluetooth Off 16-08-06.da4](#)

DUT: Fujitsu Tablet Osian with Atheros XB62 11abg Module; Type: XB62; Serial: MAC:0011F5-D82570

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

Channel 140 Test/Area Scan (161x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.07 mW/g

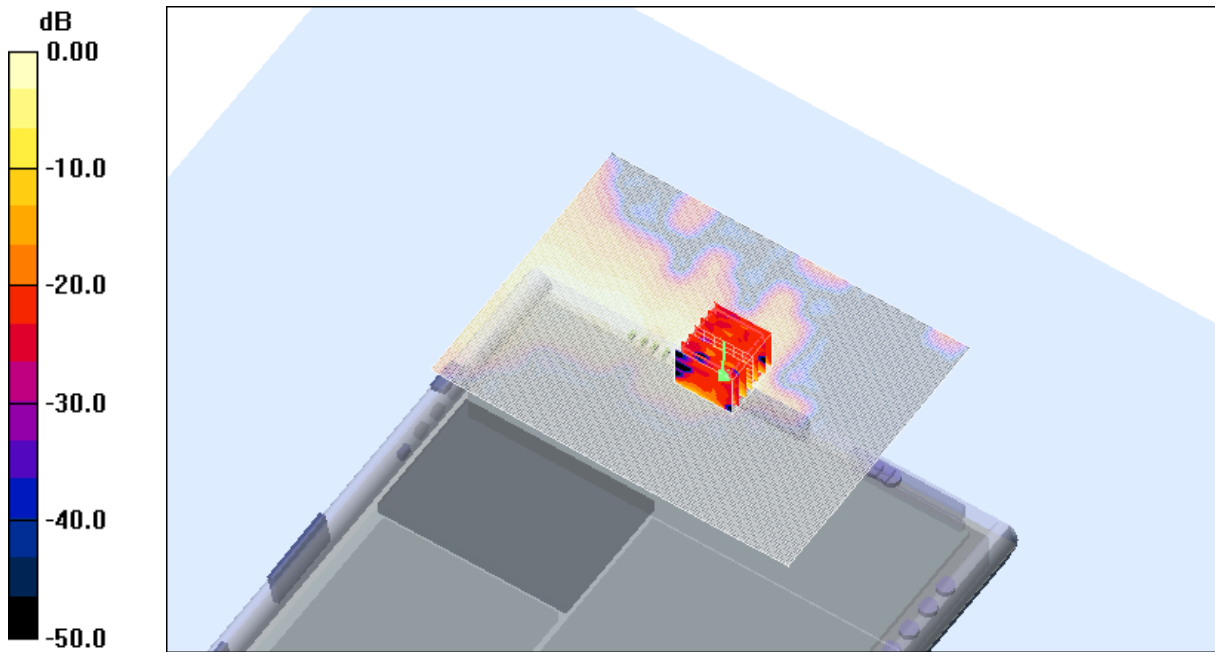
Channel 140 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 18.7 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 4.04 W/kg

SAR(1 g) = 0.699 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 1.60 mW/g



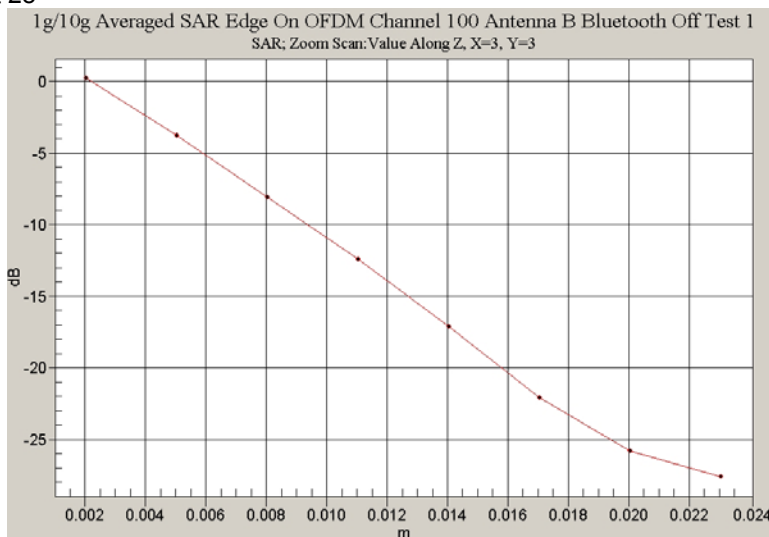
0 dB = 1.60mW/g

SAR MEASUREMENT PLOT 30

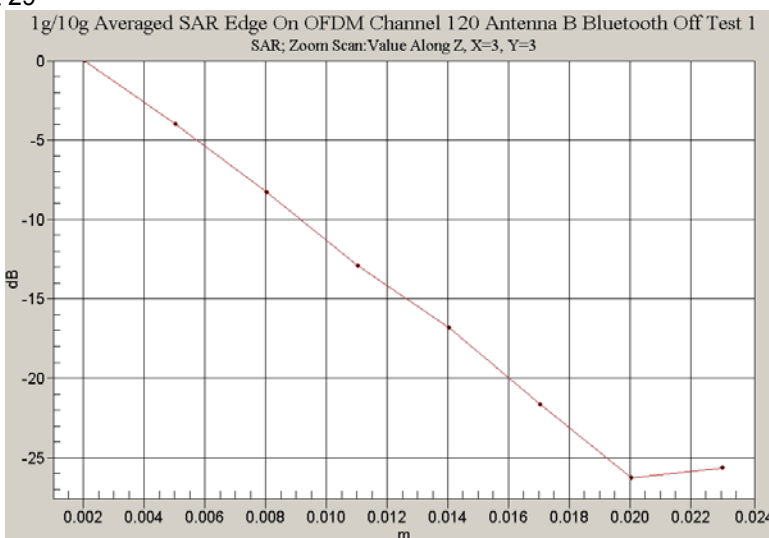
Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
19.8 Degrees Celsius
35.0 %

Z-Axis graph for plot 28



Z-Axis graph for plot 29



Z-Axis graph for plot 30

