

Test Date: 18 August 2006

File Name: [Edge On OFDM 5.2 GHz Ant A Bluetooth Off 18-08-06.da4](#)

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

* Communication System: OFDM 5250 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.25148$ mho/m, $\epsilon_r = 47.1715$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 036 Test/Area Scan (101x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.05 mW/g

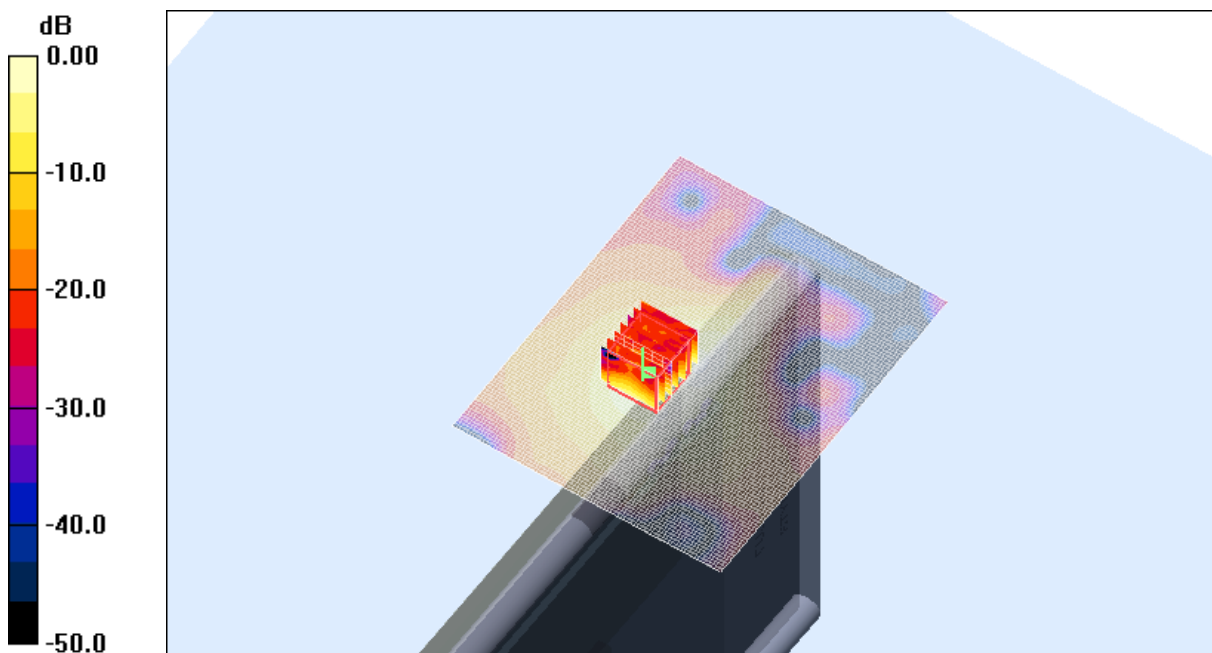
Channel 036 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.2 V/m; Power Drift = -0.169 dB

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g

SAR MEASUREMENT PLOT 10

Ambient Temperature
Liquid Temperature
Humidity

20.2 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 5250 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.42358$ mho/m, $\epsilon_r = 47.0414$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 052 Test/Area Scan (101x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.760 mW/g

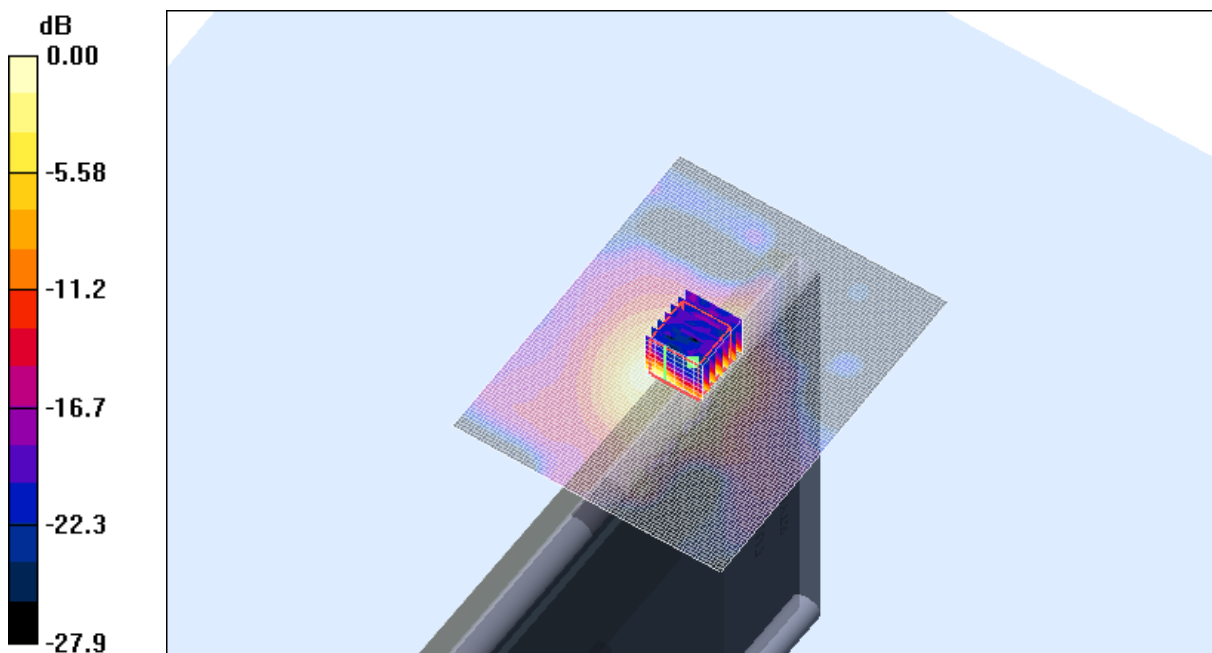
Channel 052 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.70 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.07mW/g

SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
35.0 %

Test Date: 18 August 2006

File Name: [Edge On OFDM 5.2 GHz Ant A Bluetooth Off 18-08-06.da4](#)

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

* Communication System: OFDM 5250 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1

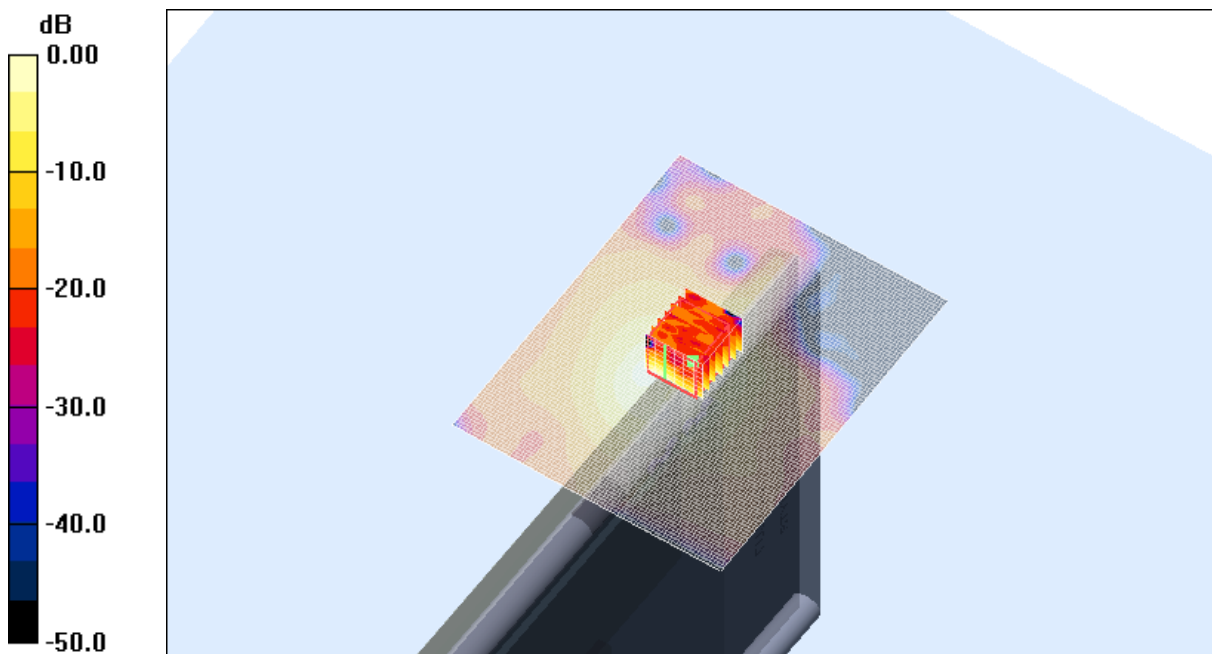
* Medium parameters used: $\sigma = 5.53558$ mho/m, $\epsilon_r = 46.9381$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 064 Test/Area Scan (101x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.769 mW/g

Channel 064 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 8.97 V/m; Power Drift = -0.213 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 1.16 mW/g

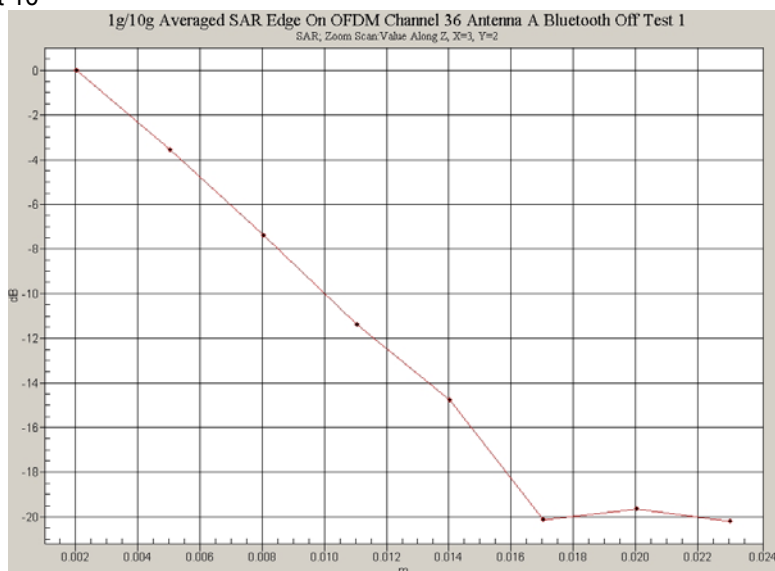


SAR MEASUREMENT PLOT 12

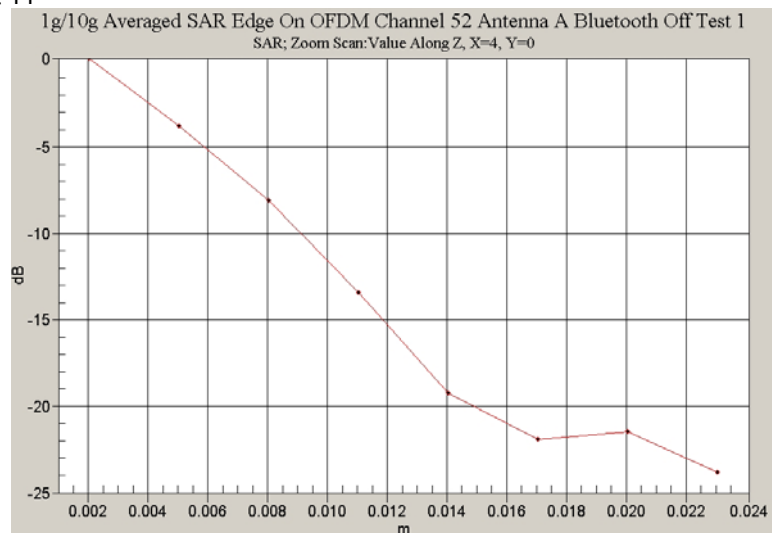
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
35.0 %

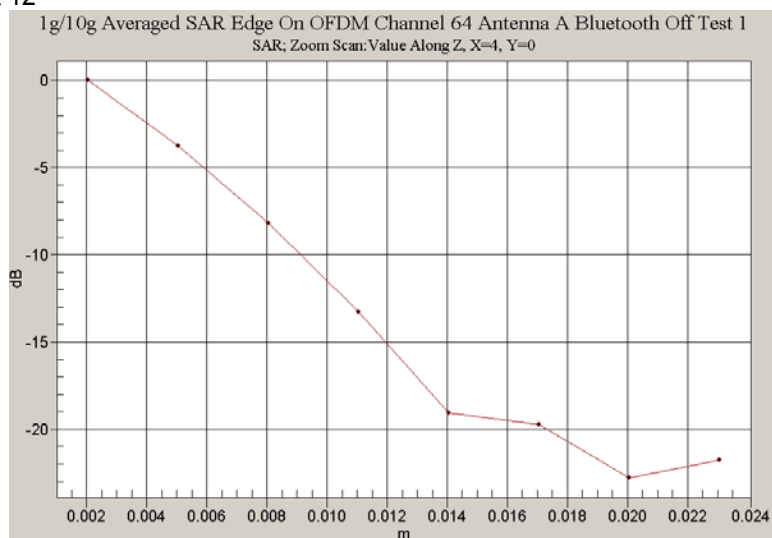
Z-Axis graph for plot 10



Z-Axis graph for plot 11



Z-Axis graph for plot 12



Test Date: 18 August 2006

File Name: [Edge On OFDM 5.2 GHz Ant B Bluetooth Off 18-08-06.da4](#)

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

* Communication System: OFDM 5250 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.25148$ mho/m, $\epsilon_r = 47.1715$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 036 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.12 mW/g

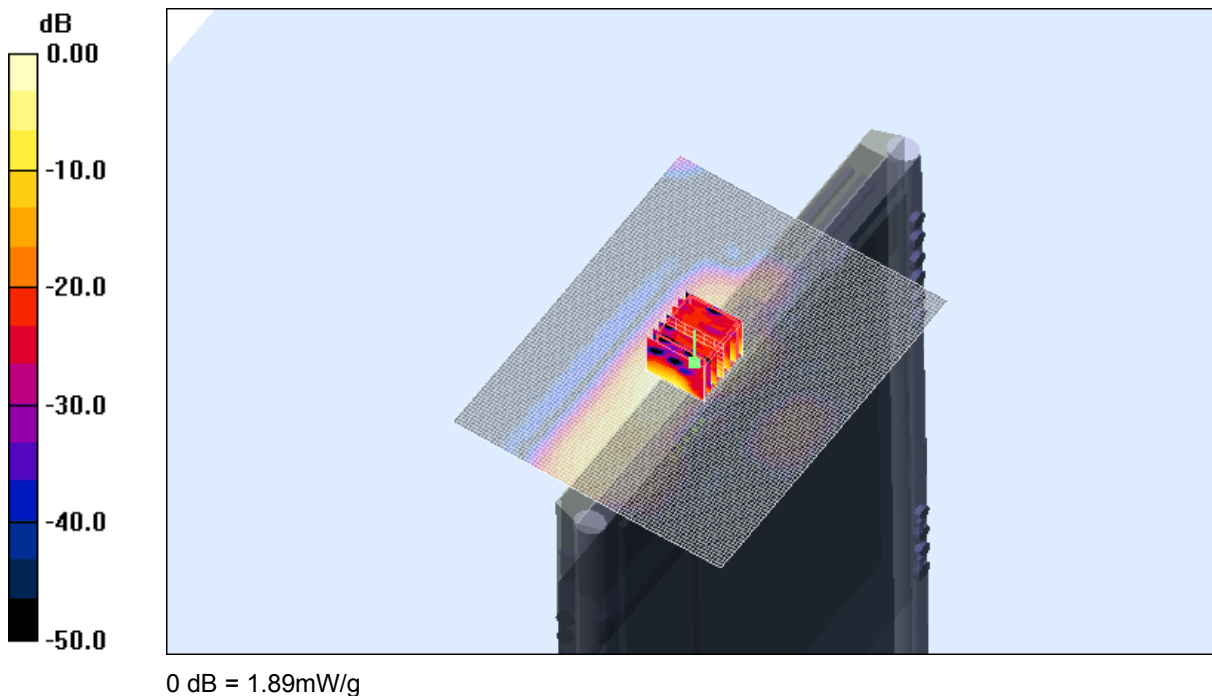
Channel 036 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 13.8 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 4.07 W/kg

SAR(1 g) = 0.932 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 1.89 mW/g



SAR MEASUREMENT PLOT 13

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
35.0 %

Test Date: 18 August 2006

File Name: [Edge On OFDM 5.2 GHz Ant B Bluetooth Off 18-08-06.da4](#)

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

* Communication System: OFDM 5250 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.42358$ mho/m, $\epsilon_r = 47.0414$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 052 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.15 mW/g

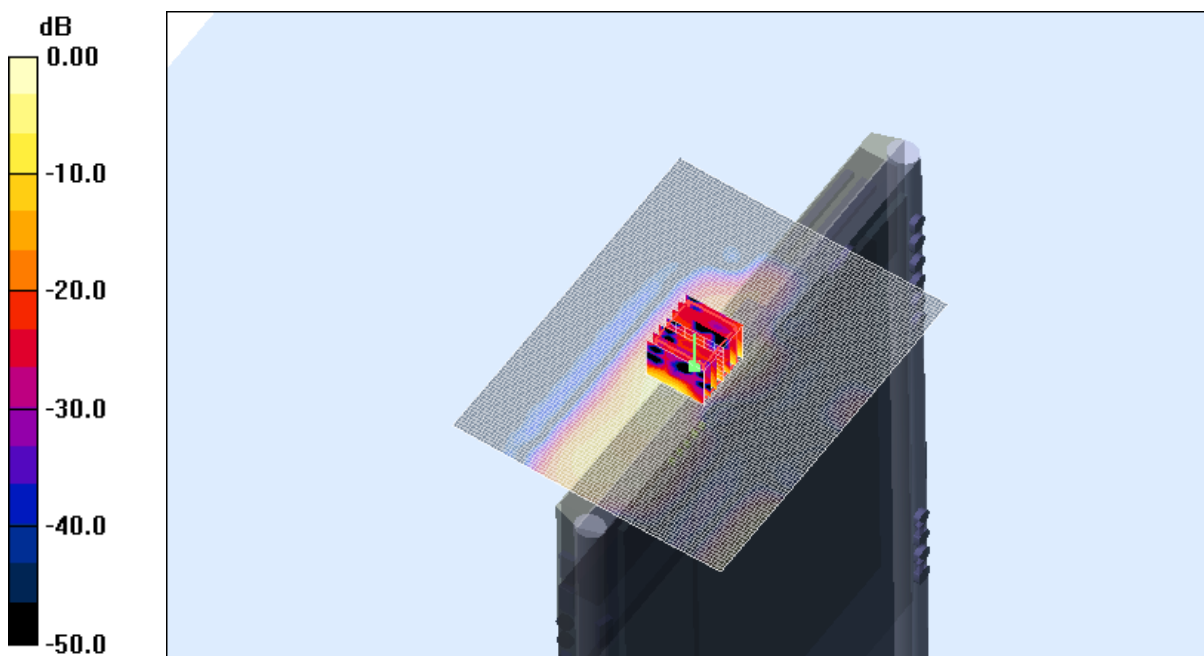
Channel 052 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 14.9 V/m; Power Drift = -0.388 dB

Peak SAR (extrapolated) = 3.92 W/kg

SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.229 mW/g

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



0 dB = 1.93mW/g

SAR MEASUREMENT PLOT 14

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
35.0 %

Test Date: 18 August 2006

File Name: [Edge On OFDM 5.2 GHz Ant B Bluetooth Off 18-08-06.da4](#)

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

* Communication System: OFDM 5250 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.53558$ mho/m, $\epsilon_r = 46.9381$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 064 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.51 mW/g

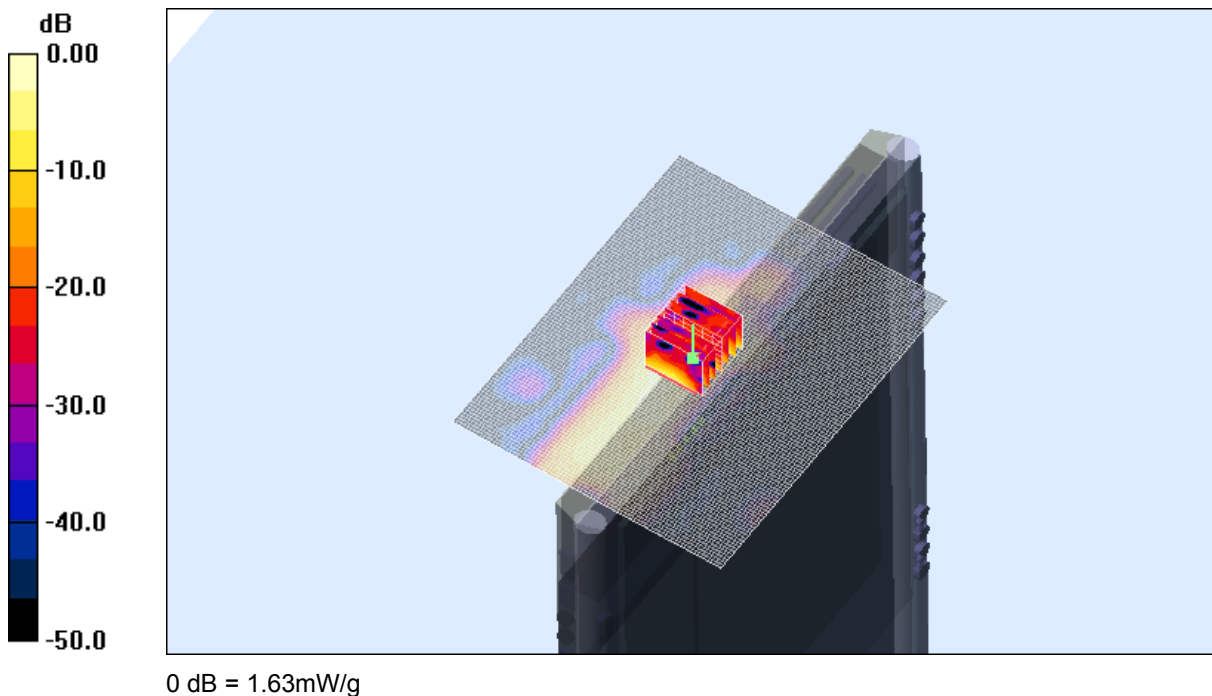
Channel 064 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 15.1 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 4.16 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 1.63 mW/g

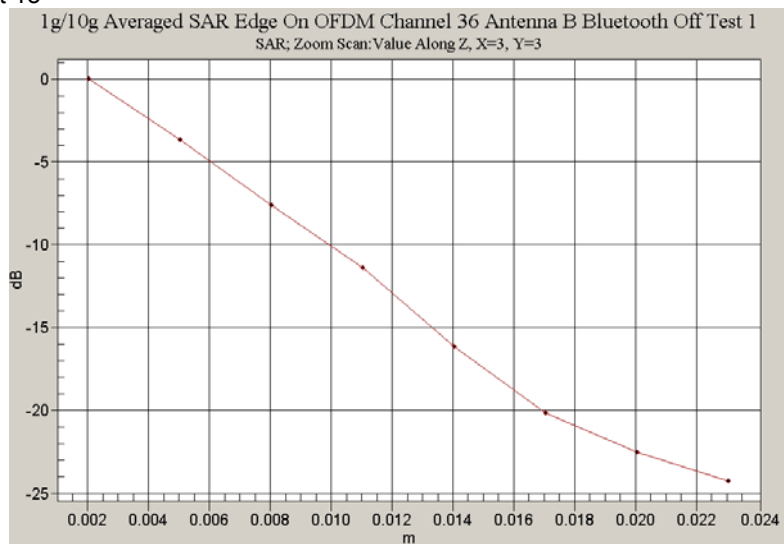


SAR MEASUREMENT PLOT 15

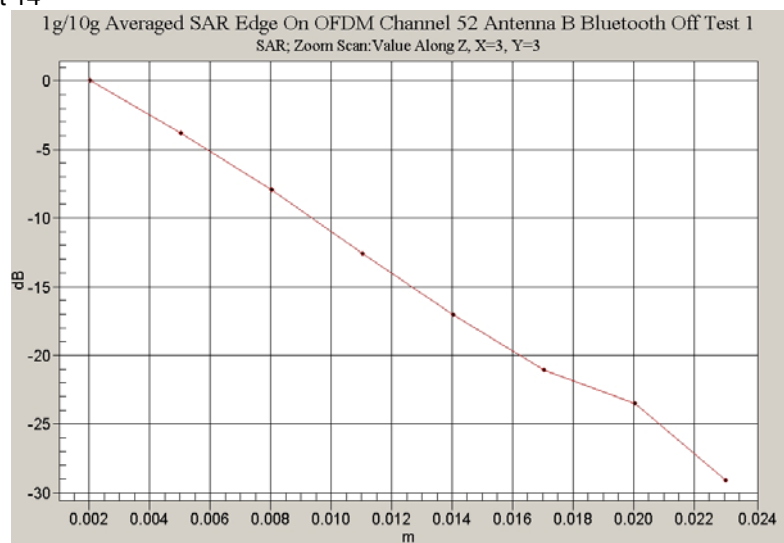
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
35.0 %

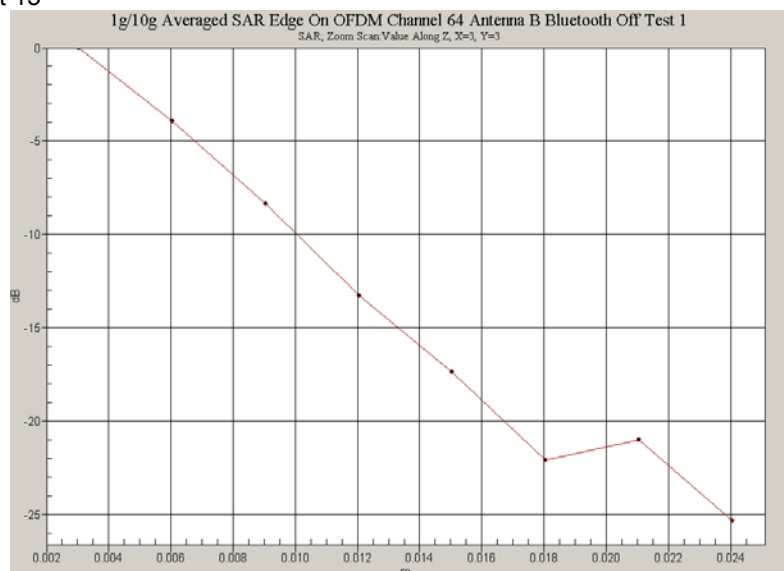
Z-Axis graph for plot 13



Z-Axis graph for plot 14



Z-Axis graph for plot 15



Test Date: 18 August 2006

File Name: [Arm Held OFDM 5.2 GHz Antenna B Bluetooth On 18-08-06.da4](#)

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

* Communication System: OFDM 5250 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.53558$ mho/m, $\epsilon_r = 46.9381$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 064 Test/Area Scan (101x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.17 mW/g

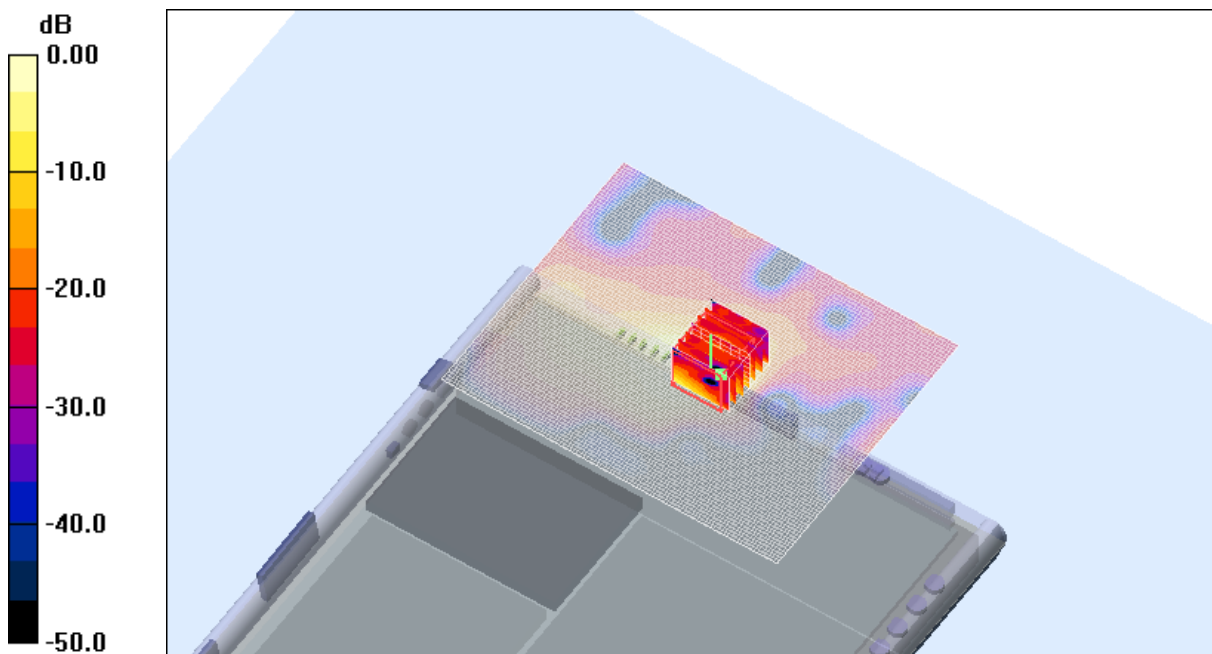
Channel 064 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 23.2 V/m; Power Drift = 0.201 dB

Peak SAR (extrapolated) = 6.13 W/kg

SAR(1 g) = 1.45 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 2.26 mW/g



SAR MEASUREMENT PLOT 16

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
35.0 %

Test Date: 18 August 2006

File Name: [Tablet OFDM 5.2 GHz Ant A Bluetooth On 17-08-06.da4](#)

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

* Communication System: OFDM 5250 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.25148$ mho/m, $\epsilon_r = 47.1715$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 036 Test/Area Scan (101x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.21 mW/g

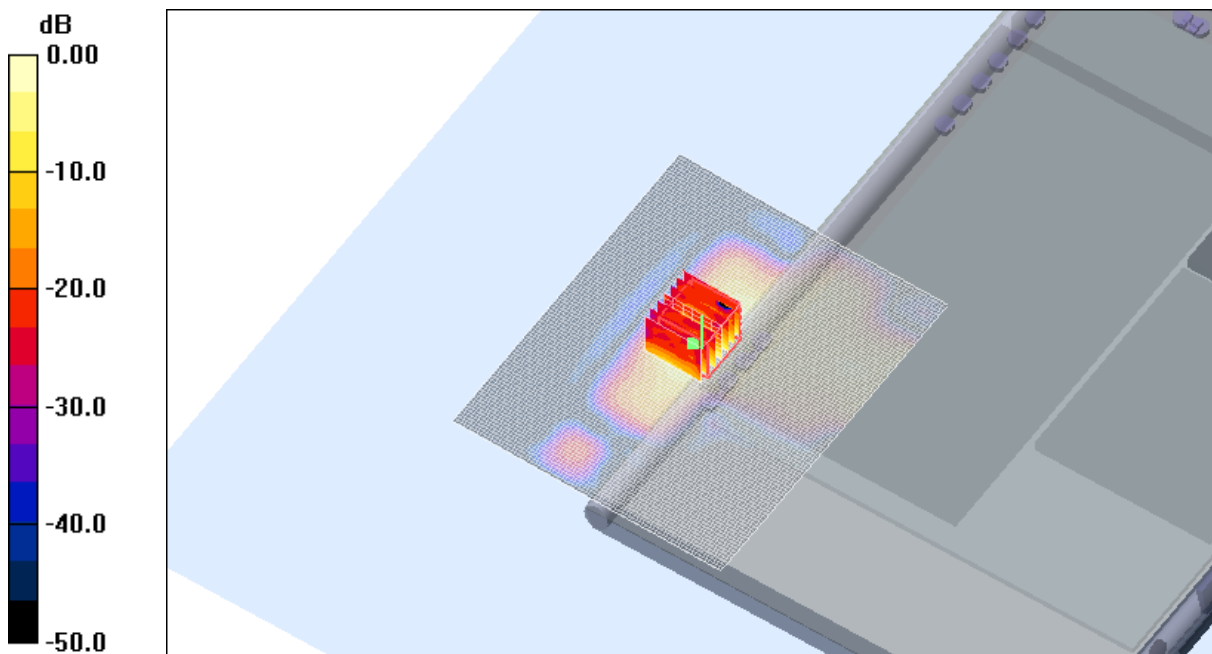
Channel 036 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 18.7 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 1.75 mW/g



0 dB = 1.75mW/g

SAR MEASUREMENT PLOT 17

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
35.0 %

Test Date: 18 August 2006

File Name: [Edge On OFDM 5.2 GHz Ant B Bluetooth On 18-08-06.da4](#)

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

* Communication System: OFDM 5250 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 5.53558$ mho/m, $\epsilon_r = 46.9381$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.84, 3.84, 3.84)

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

Channel 064 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

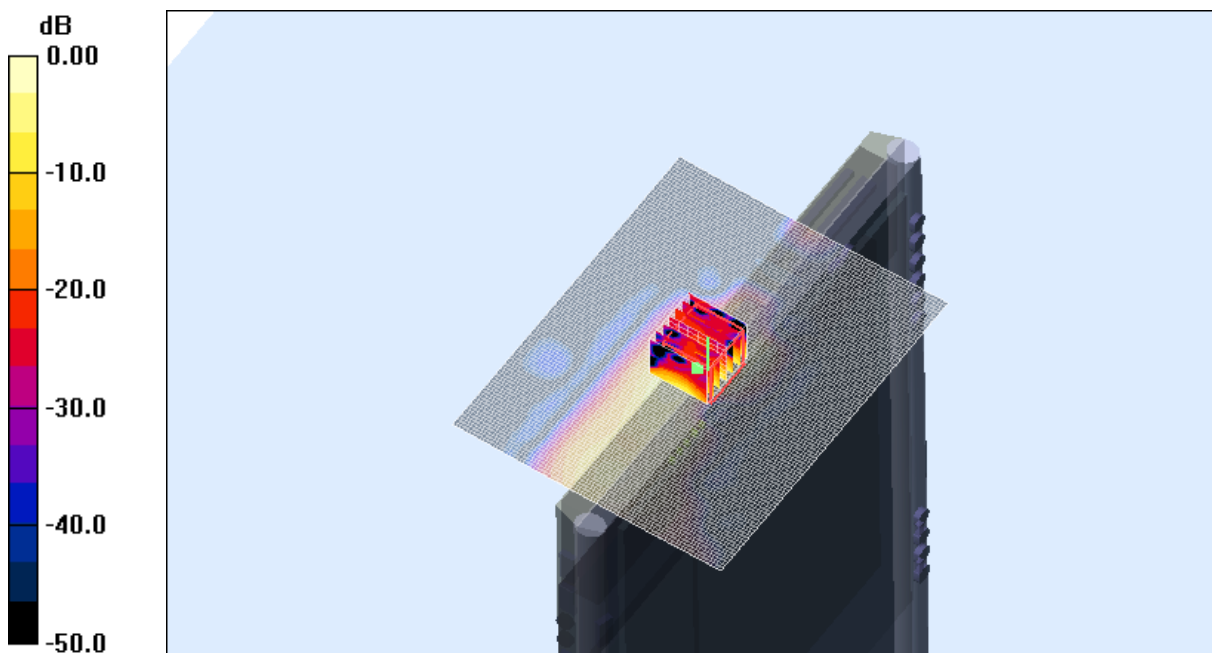
Channel 064 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 12.2 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 4.52 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 1.73 mW/g



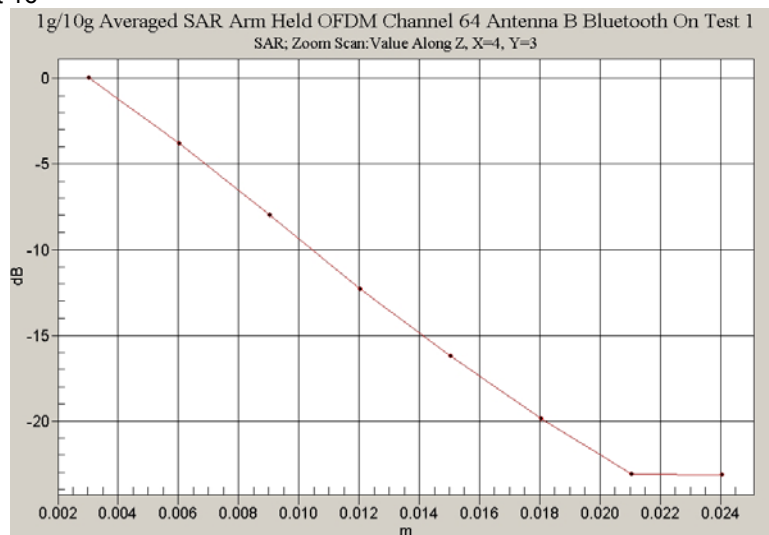
0 dB = 1.73mW/g

SAR MEASUREMENT PLOT 18

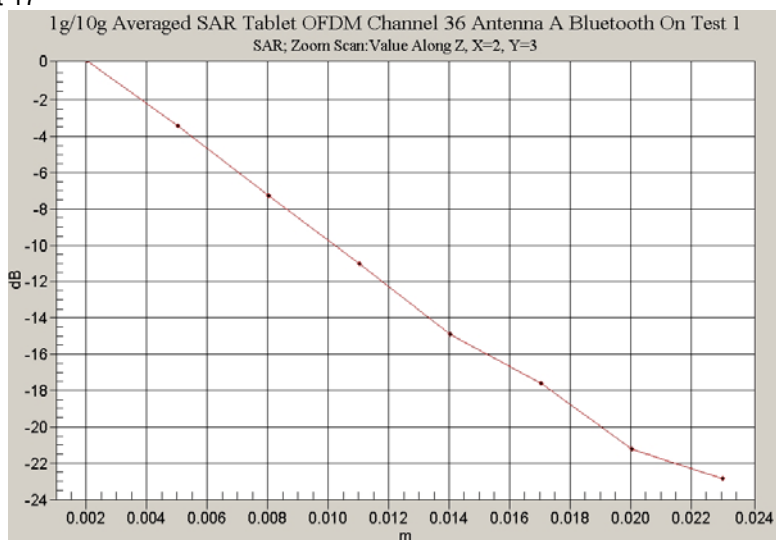
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
35.0 %

Z-Axis graph for plot 16



Z-Axis graph for plot 17



Z-Axis graph for plot 18

