

Test Date: 03 August 2006

File Name: [Edge On OFDM 5.77 GHz Antenna A Side Bluetooth Off 03-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

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

* Medium parameters used: $\sigma = 6.45162$ mho/m, $\epsilon_r = 45.3929$; $\rho = 1000$ 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 (81x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.295 mW/g

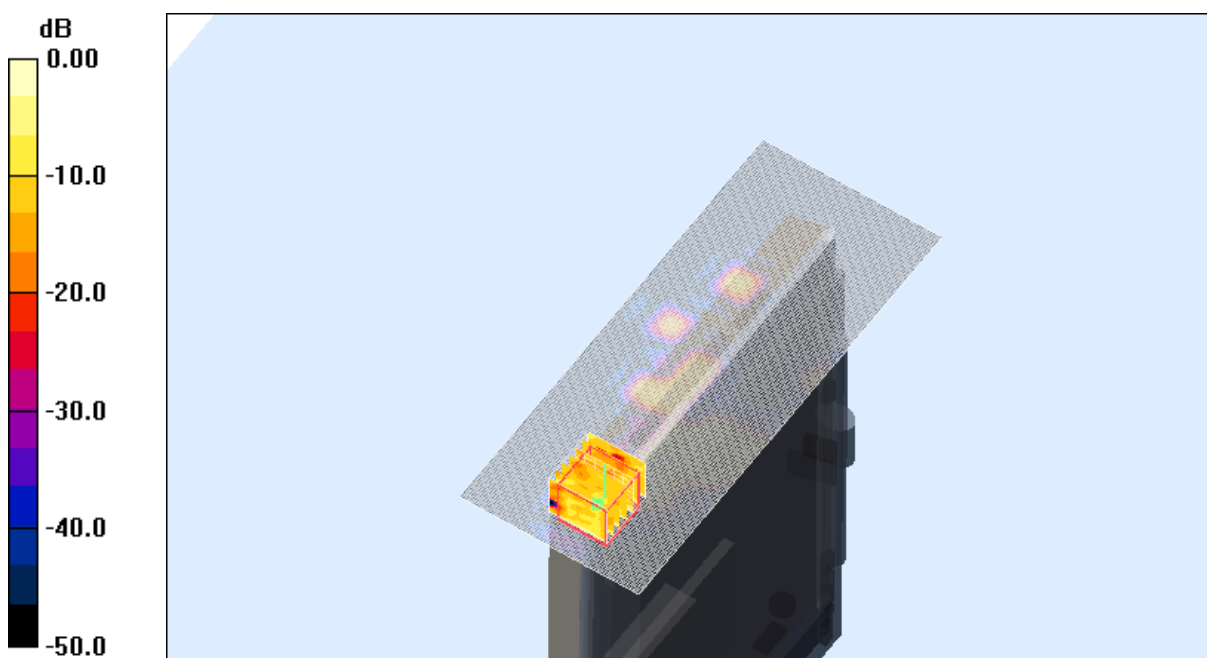
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.51 V/m; Power Drift = 0.302 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.133 mW/g



0 dB = 0.133mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
41.0 %

Test Date: 03 August 2006

File Name: [Edge On OFDM 5.77 GHz Antenna B Side Bluetooth Off 03-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

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

* Medium parameters used: $\sigma = 6.37017$ mho/m, $\epsilon_r = 45.508$; $\rho = 1000$ 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 (81x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.709 mW/g

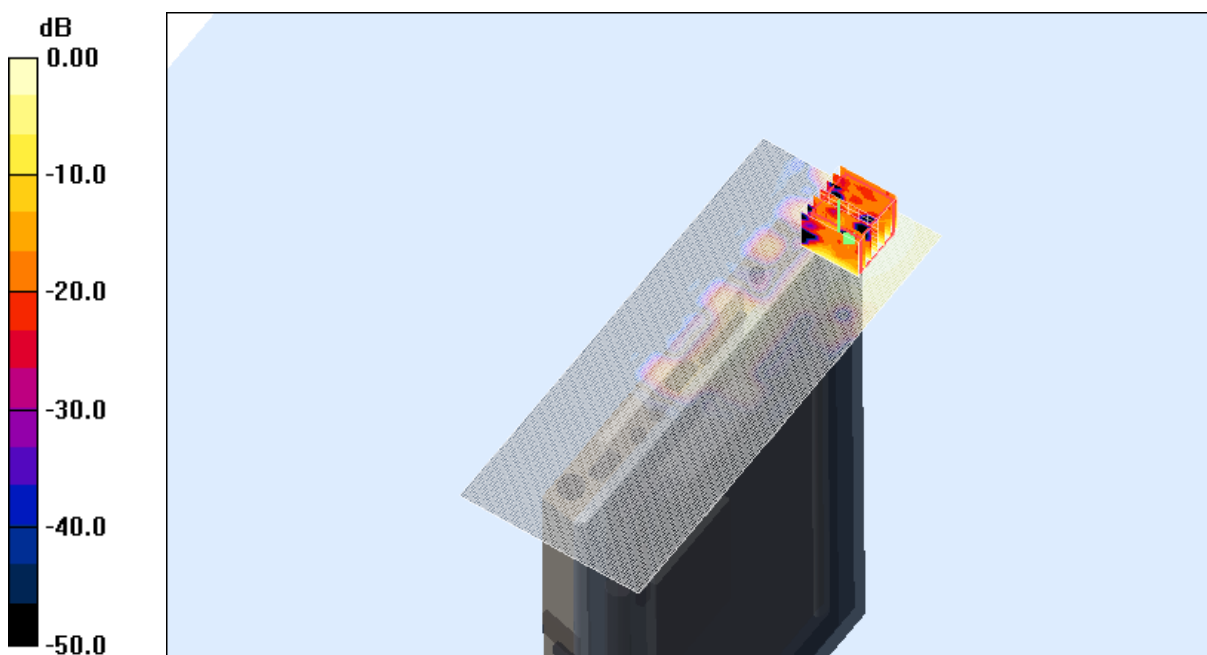
Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.09 V/m; Power Drift = 0.159 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.612 mW/g



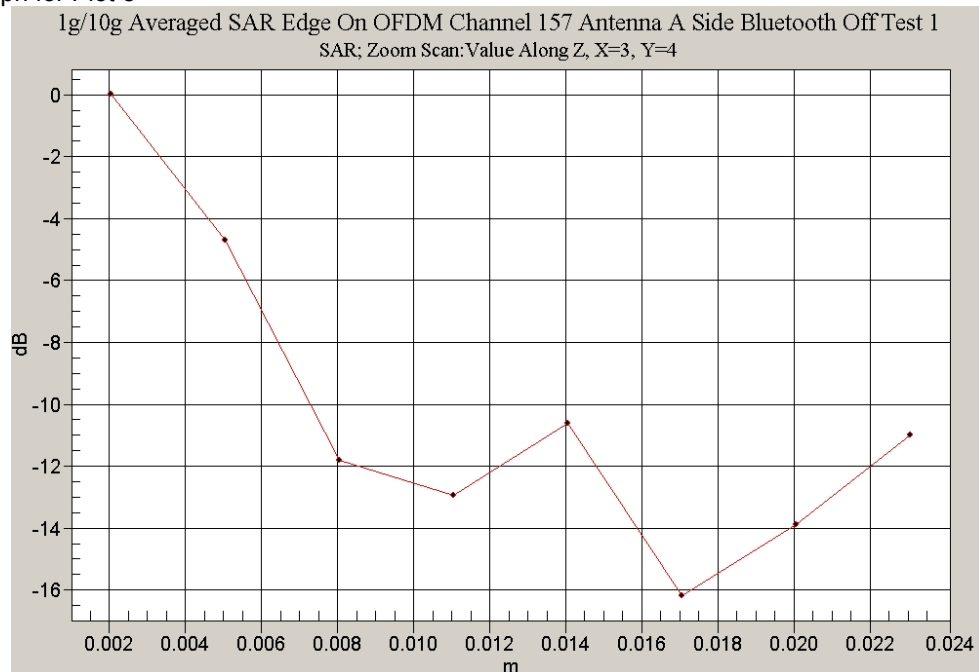
0 dB = 0.612mW/g

SAR MEASUREMENT PLOT 9

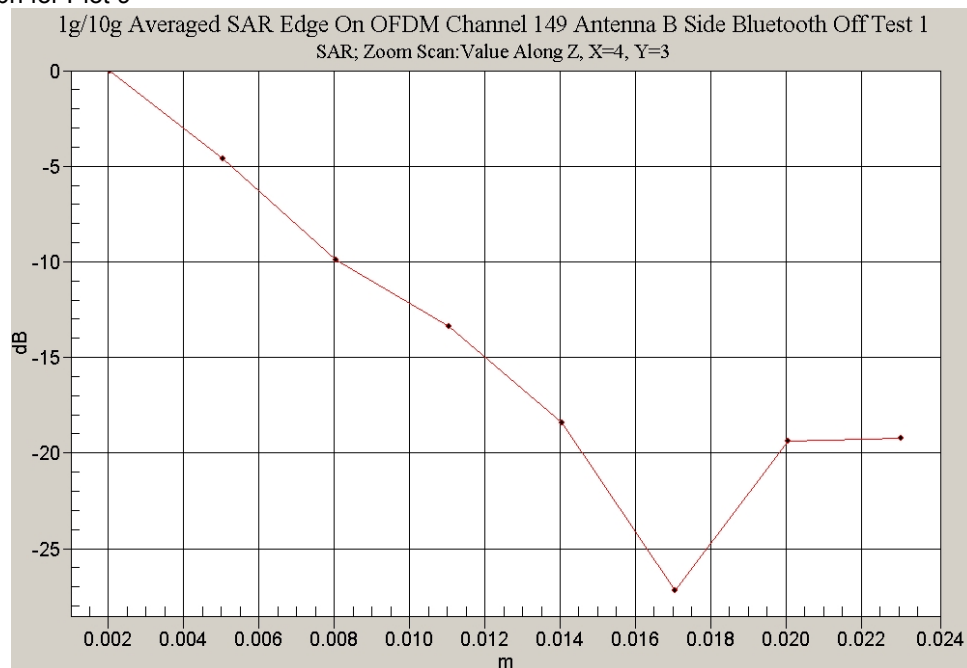
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
41.0 %

Z-Axis Graph for Plot 8



Z-Axis Graph for Plot 9



Test Date: 03 August 2006

File Name: [Edge On OFDM 5.77 GHz Antenna B Side Bluetooth Off 03-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

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

* Medium parameters used: $\sigma = 6.45162$ mho/m, $\epsilon_r = 45.3929$; $\rho = 1000$ 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 (81x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.497 mW/g

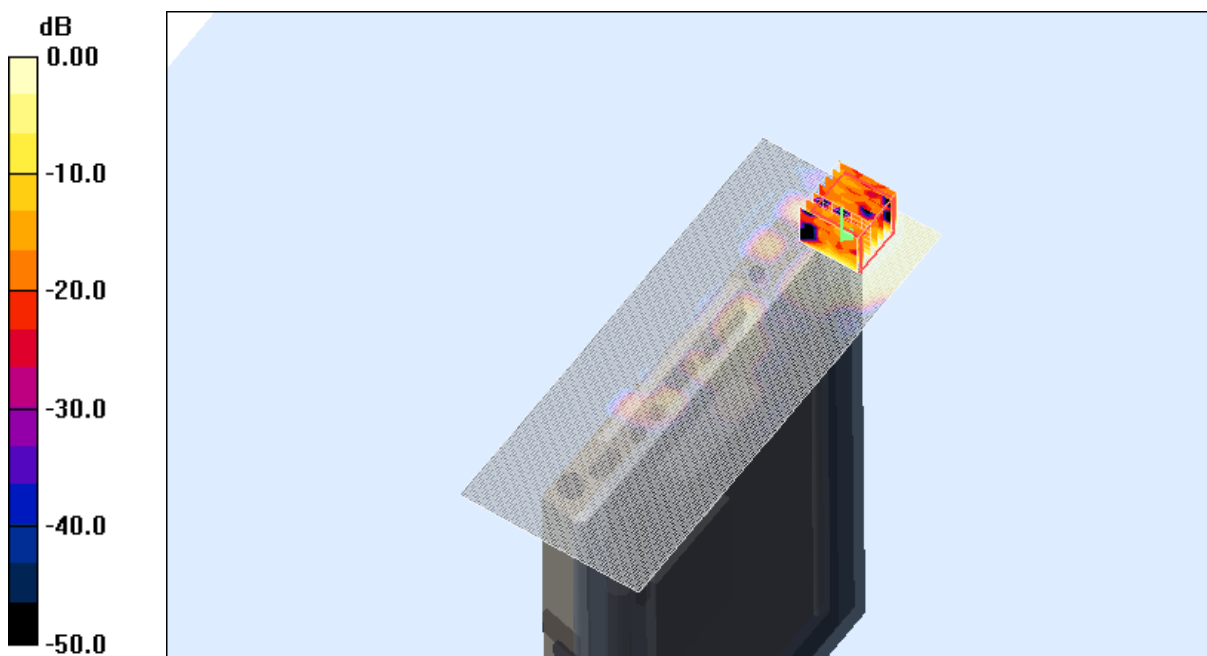
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.89 V/m; Power Drift = -0.223 dB

Peak SAR (extrapolated) = 0.889 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.483 mW/g



0 dB = 0.483mW/g

SAR MEASUREMENT PLOT 10

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
41.0 %

Test Date: 03 August 2006

File Name: [Edge On OFDM 5.77 GHz Antenna B Side Bluetooth Off 03-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

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

* Medium parameters used: $\sigma = 6.50224$ mho/m, $\epsilon_r = 45.2452$; $\rho = 1000$ 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 (81x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.329 mW/g

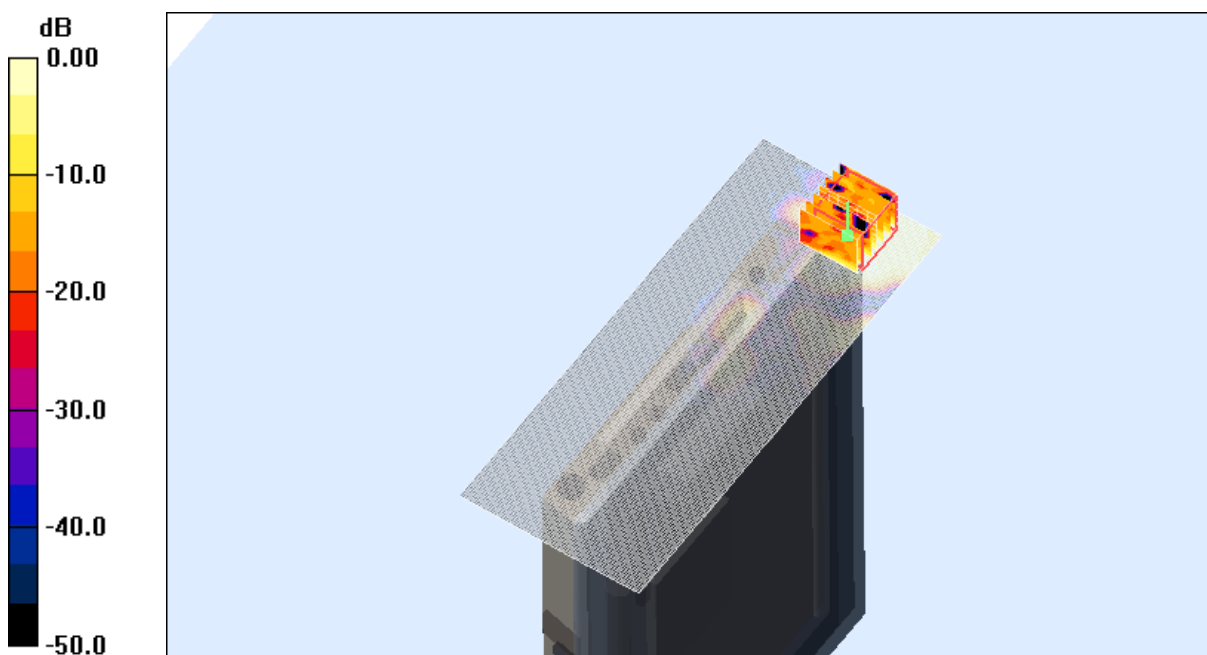
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.01 V/m; Power Drift = 0.267 dB

Peak SAR (extrapolated) = 0.596 W/kg

SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.278 mW/g



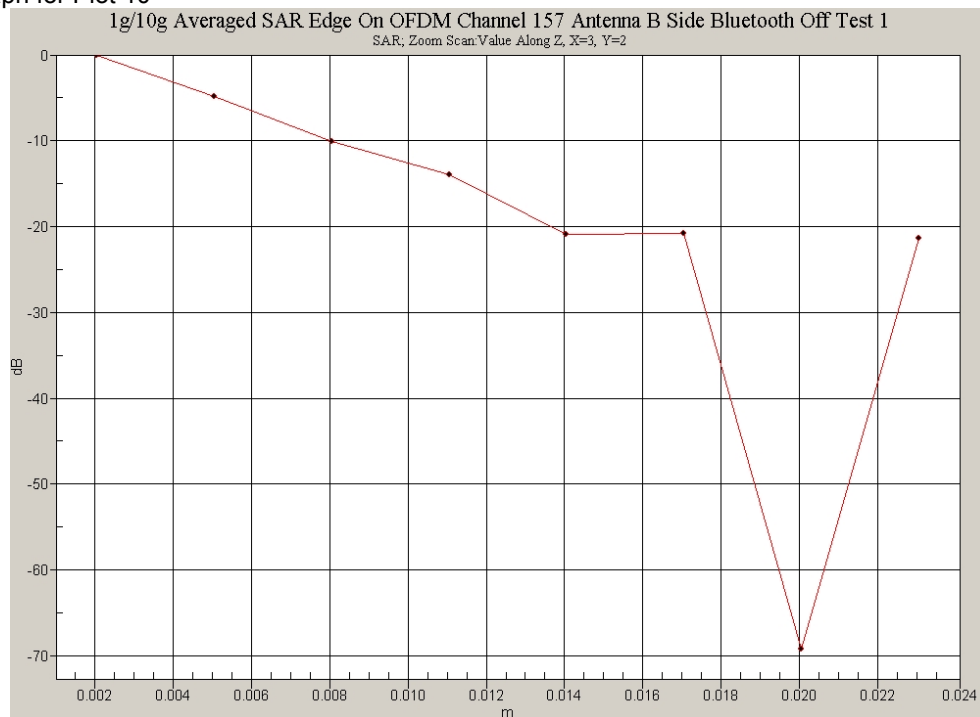
0 dB = 0.278mW/g

SAR MEASUREMENT PLOT 11

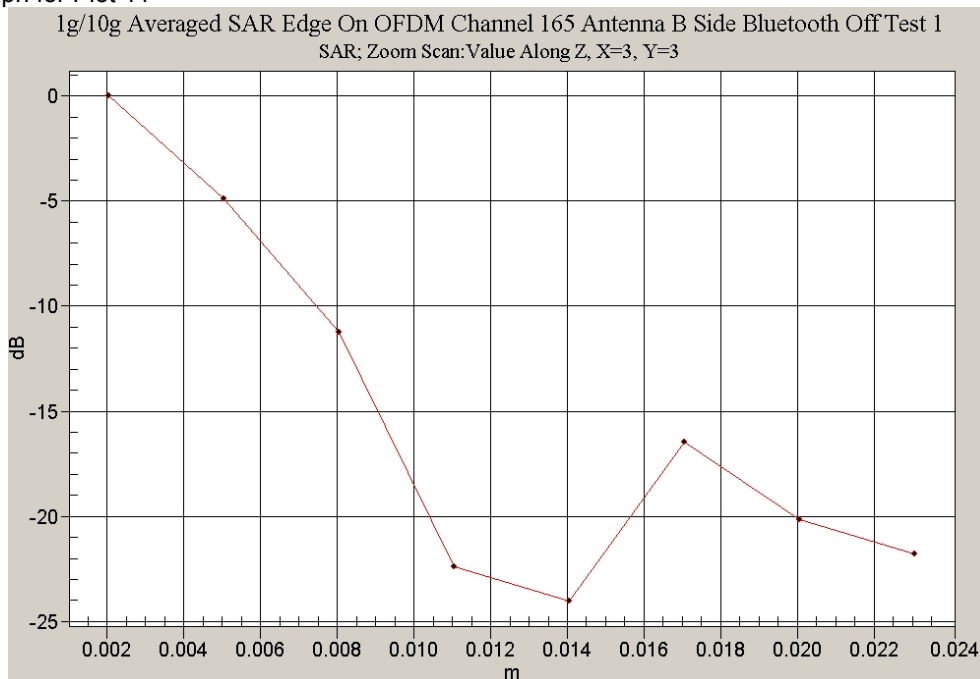
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
41.0 %

Z-Axis Graph for Plot 10



Z-Axis Graph for Plot 11



Test Date: 02 August 2006

File Name: [Arm Held OFDM 5.77 GHz Antenna A Bluetooth On 02-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

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

* Medium parameters used: $\sigma = 6.47242$ mho/m, $\epsilon_r = 46.0717$; $\rho = 1000$ 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 (101x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.76 mW/g

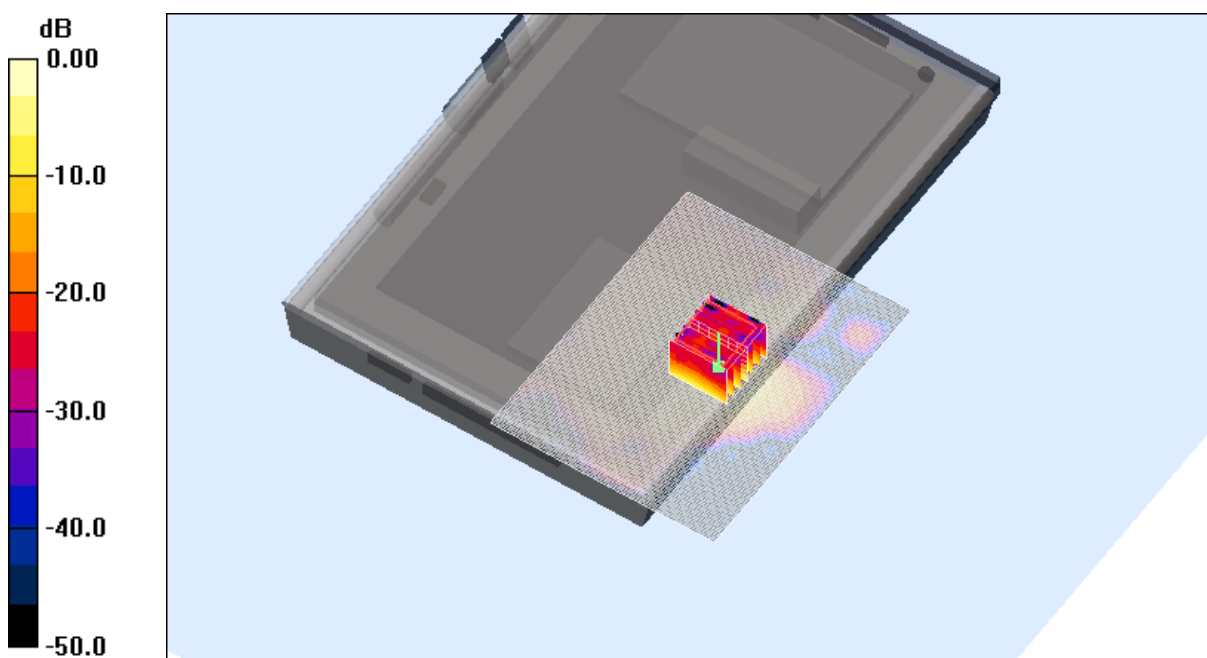
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 14.3 V/m; Power Drift = 0.207 dB

Peak SAR (extrapolated) = 6.36 W/kg

SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.443 mW/g

Maximum value of SAR (measured) = 2.98 mW/g



0 dB = 2.98mW/g

SAR MEASUREMENT PLOT 12

Ambient Temperature
Liquid Temperature
Humidity

19.7 Degrees Celsius
19.4 Degrees Celsius
37.0 %

Test Date: 02 August 2006

File Name: [Arm Held OFDM 5.77 GHz Antenna B Bluetooth On 02-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

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

* Medium parameters used: $\sigma = 6.40231$ mho/m, $\epsilon_r = 46.1801$; $\rho = 1000$ 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 (101x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.56 mW/g

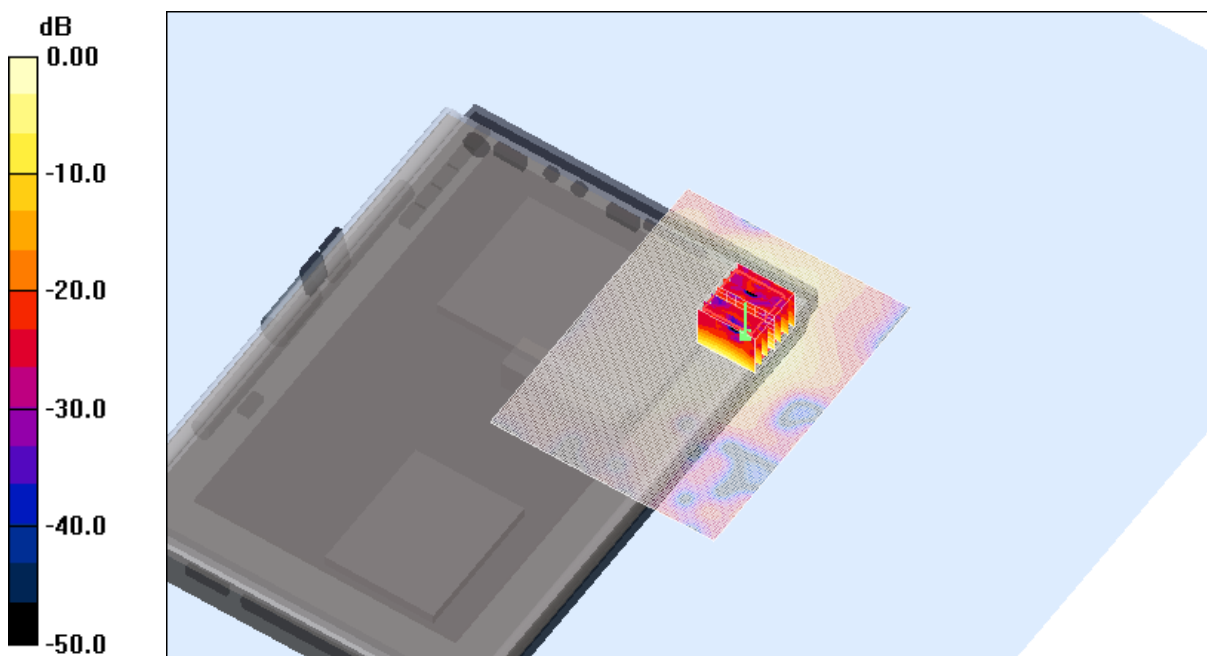
Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 19.9 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 5.25 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.431 mW/g

Maximum value of SAR (measured) = 2.56 mW/g



0 dB = 2.56mW/g

SAR MEASUREMENT PLOT 13

Ambient Temperature
Liquid Temperature
Humidity

19.7 Degrees Celsius
19.4 Degrees Celsius
37.0 %

Test Date: 03 August 2006

File Name: [Edge On OFDM 5.77 GHz Antenna B Side Bluetooth On 03-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

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

* Medium parameters used: $\sigma = 6.37017$ mho/m, $\epsilon_r = 45.508$; $\rho = 1000$ 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 (81x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.629 mW/g

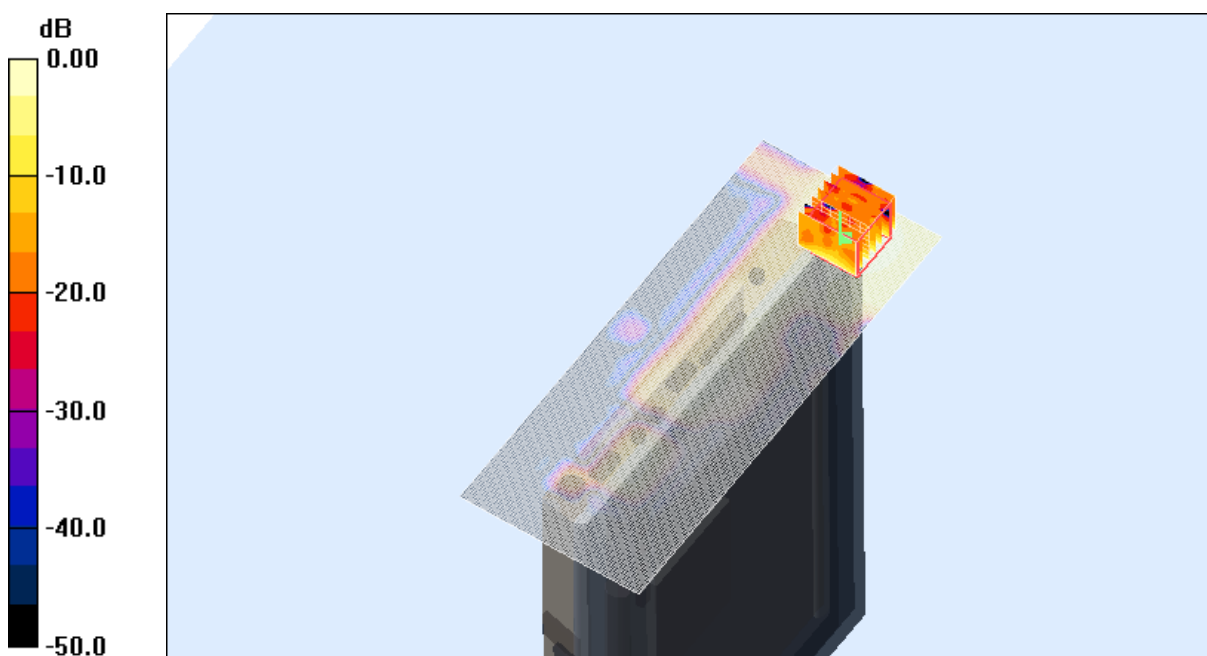
Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.42 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.684 mW/g



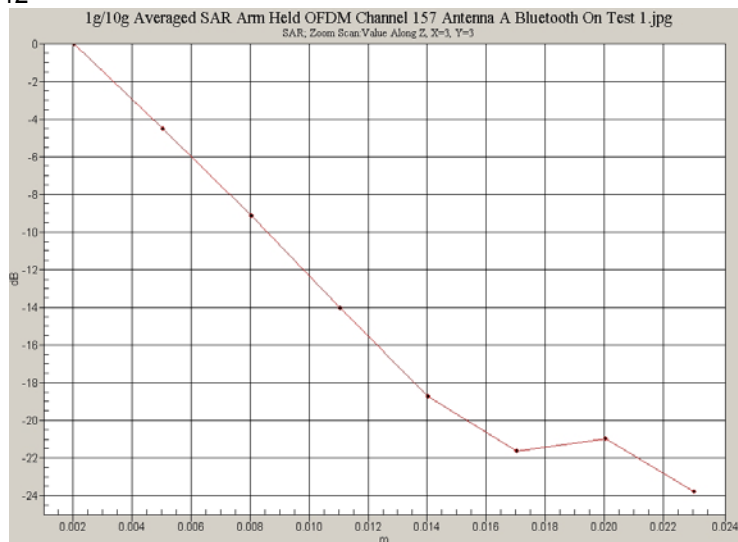
0 dB = 0.684mW/g

SAR MEASUREMENT PLOT 14

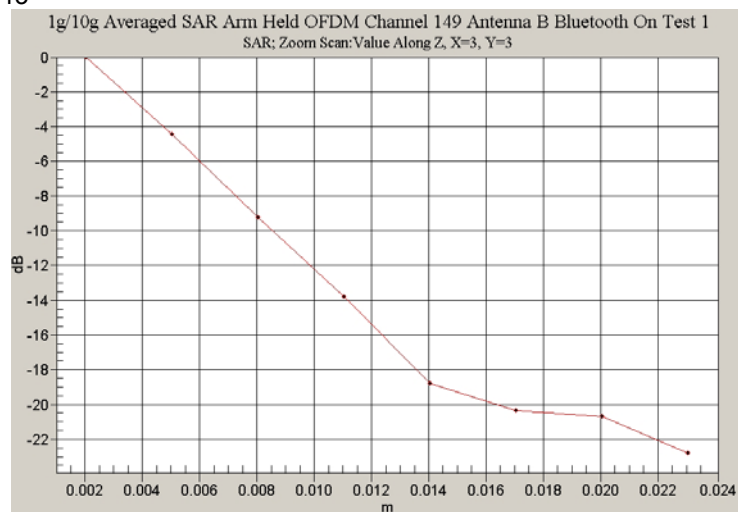
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
41.0 %

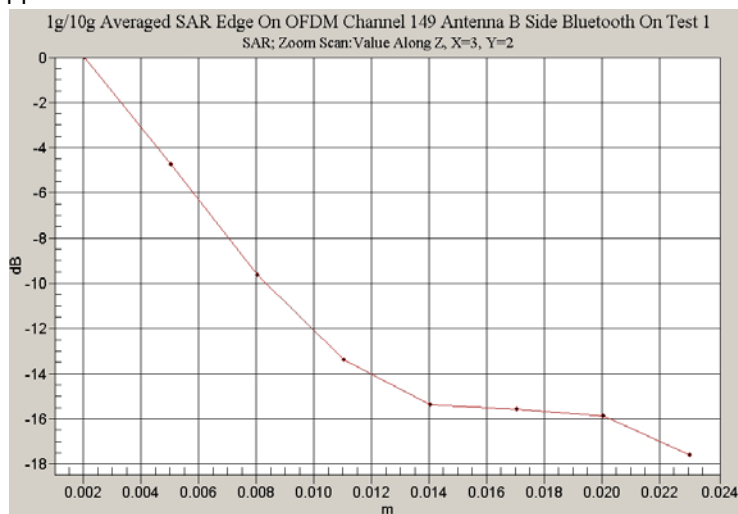
Z-Axis Graph for Plot 12



Z-Axis Graph for Plot 13



Z-Axis Graph for Plot 14



Test Date: 02 August 2006

File Name: [Tablet OFDM 5.77 GHz Antenna A Bluetooth On Prescan 02-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

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

* Medium parameters used: $\sigma = 6.47242$ mho/m, $\epsilon_r = 46.0717$; $\rho = 1000$ kg/m³

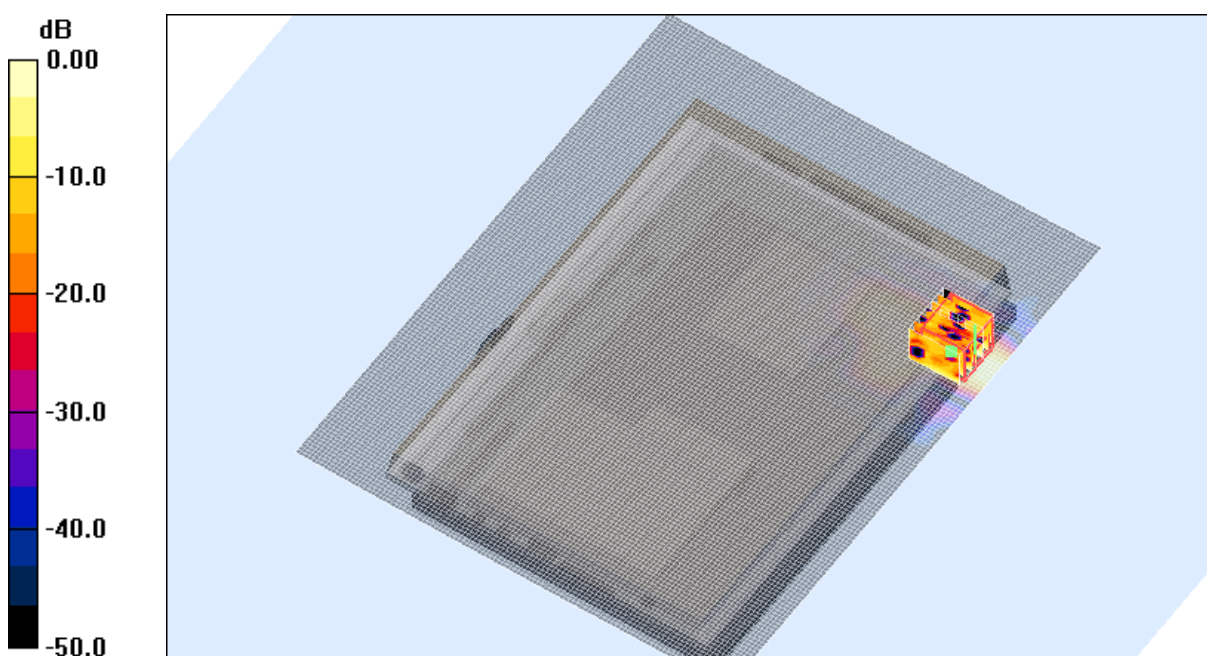
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)

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

Channel 157 Bluetooth at 2441 MHz Test/Area Scan (111x141x1): Measurement

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.140 mW/g



0 dB = 0.163mW/g

SAR MEASUREMENT PLOT 15

Ambient Temperature
Liquid Temperature
Humidity

19.7 Degrees Celsius
19.4 Degrees Celsius
37.0 %

Test Date: 01 August 2006

File Name: [Arm Held OFDM 5.77 GHz Antenna B Bluetooth On Prescan 01-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

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

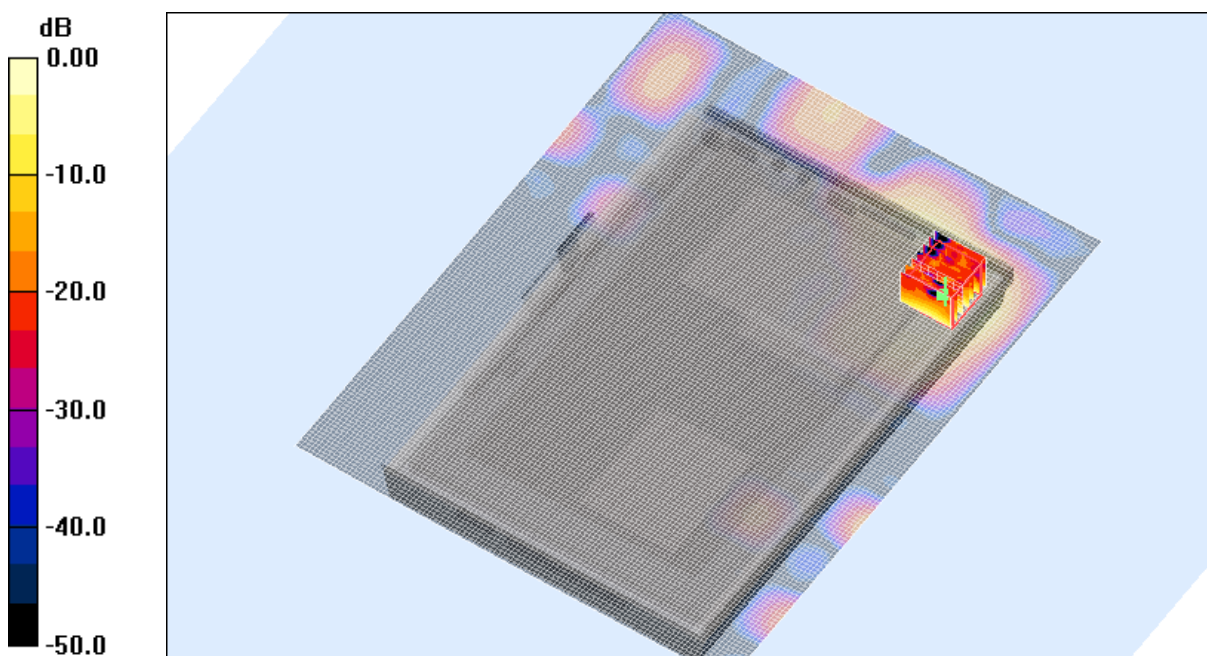
* Medium parameters used: $\sigma = 6.45822$ mho/m, $\epsilon_r = 46.1503$; $\rho = 1000$ kg/m³

- 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 (111x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.08 mW/g



0 dB = 1.10mW/g

SAR MEASUREMENT PLOT 16

Ambient Temperature
Liquid Temperature
Humidity

19.4 Degrees Celsius
19.2 Degrees Celsius
43.0 %

Test Date: 04 August 2006

File Name: [Arm Held OFDM 5.77 GHz EU Antenna A Bluetooth Off 04-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

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

* Medium parameters used: $\sigma = 5.94039$ mho/m, $\epsilon_r = 46.2212$; $\rho = 1000$ 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 (101x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.68 mW/g

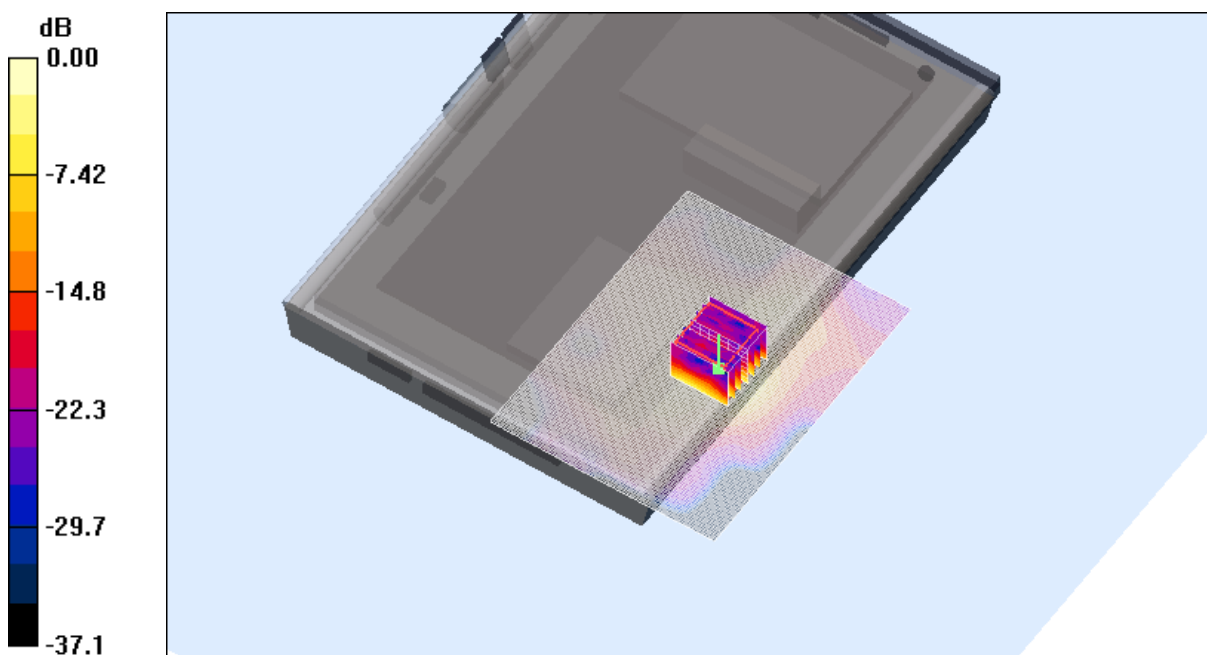
Channel 100 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 15.6 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 5.18 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.444 mW/g

Maximum value of SAR (measured) = 2.62 mW/g



0 dB = 2.62mW/g

SAR MEASUREMENT PLOT 17

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
44.0 %

Test Date: 04 August 2006

File Name: [Arm Held OFDM 5.77 GHz EU Antenna A Bluetooth Off 04-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

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

* Medium parameters used: $\sigma = 6.13635$ mho/m, $\epsilon_r = 45.8603$; $\rho = 1000$ 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 (101x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.23 mW/g

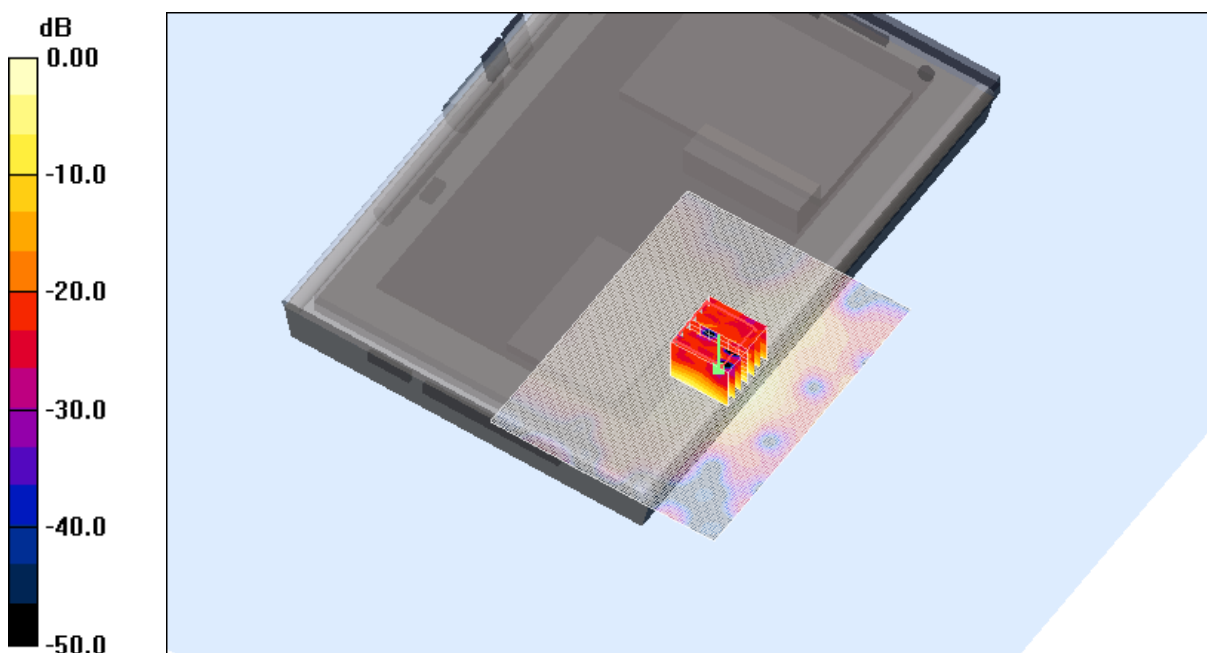
Channel 120 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 13.9 V/m; Power Drift = -0.253 dB

Peak SAR (extrapolated) = 4.42 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.364 mW/g

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



0 dB = 2.15mW/g

SAR MEASUREMENT PLOT 18

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
44.0 %

Test Date: 04 August 2006

File Name: [Arm Held OFDM 5.77 GHz EU Antenna A Bluetooth Off 04-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Atheros 11abg and Bluetooth; Type: XB62; Serial: Host: R6700013

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

* Medium parameters used: $\sigma = 6.32079$ mho/m, $\epsilon_r = 45.498$; $\rho = 1000$ 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 (101x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.15 mW/g

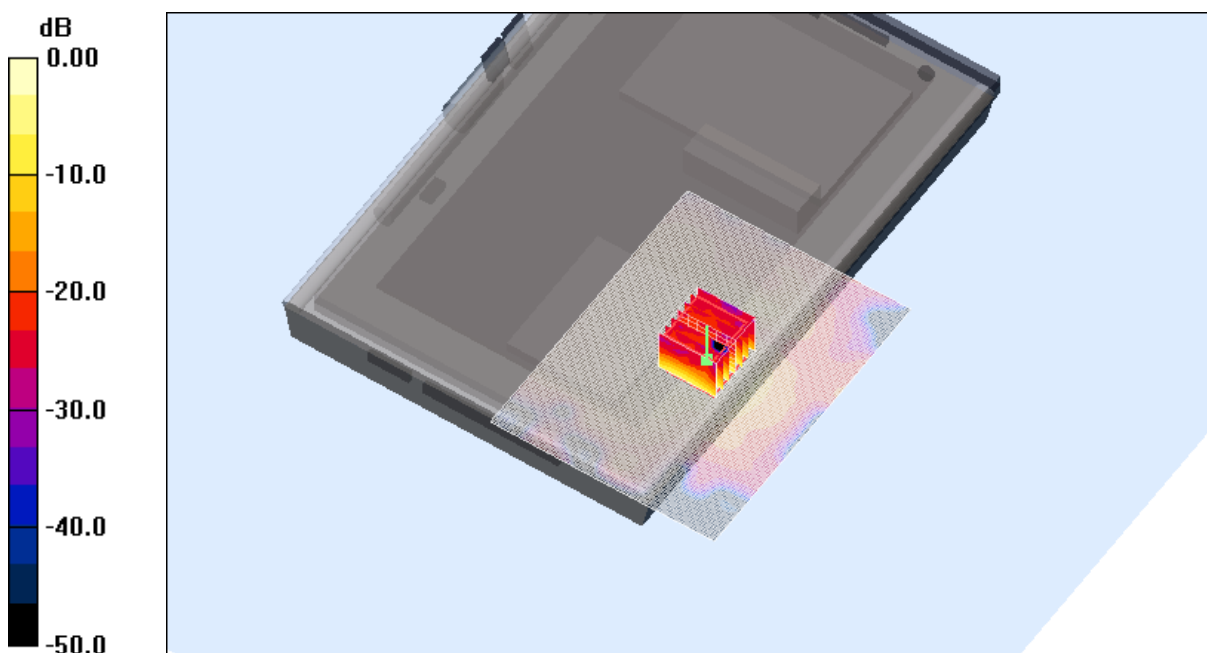
Channel 140 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.3 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 6.43 W/kg

SAR(1 g) = 1.55 mW/g; SAR(10 g) = 0.495 mW/g

Maximum value of SAR (measured) = 3.14 mW/g



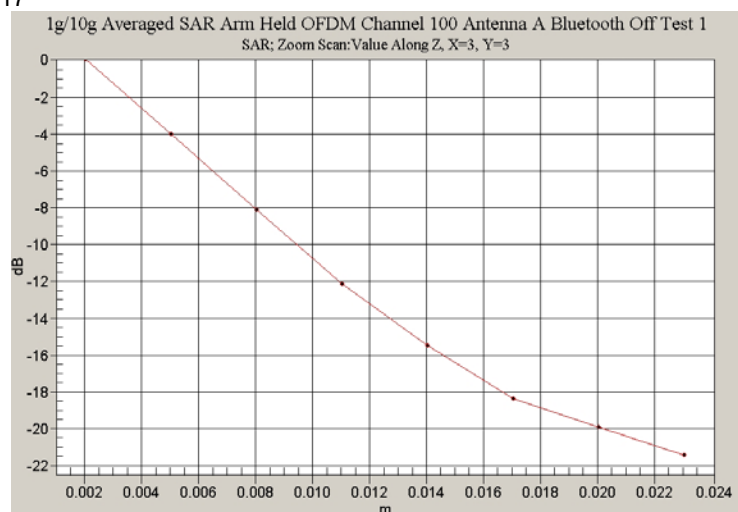
0 dB = 3.14mW/g

SAR MEASUREMENT PLOT 19

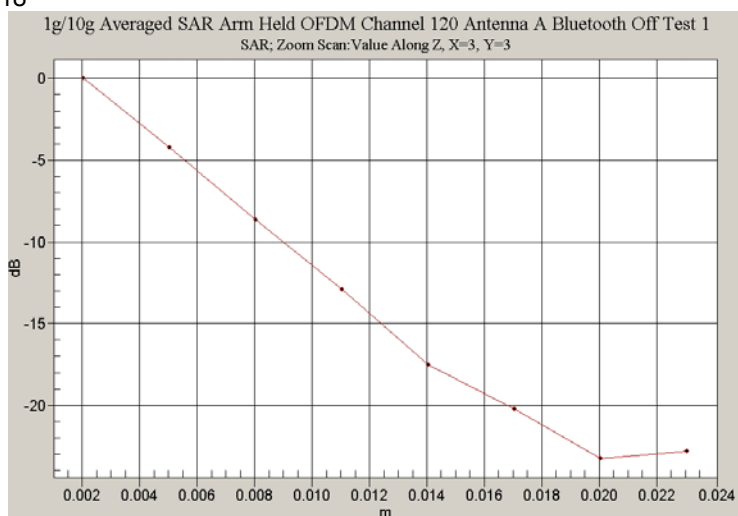
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
44.0 %

Z-Axis Graph for Plot 17



Z-Axis Graph for Plot 18



Z-Axis Graph for Plot 19

