

Test Date: 04 August 2006

File Name: [Arm Held OFDM 5.77 GHz EU Antenna B 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) = 1.98 mW/g

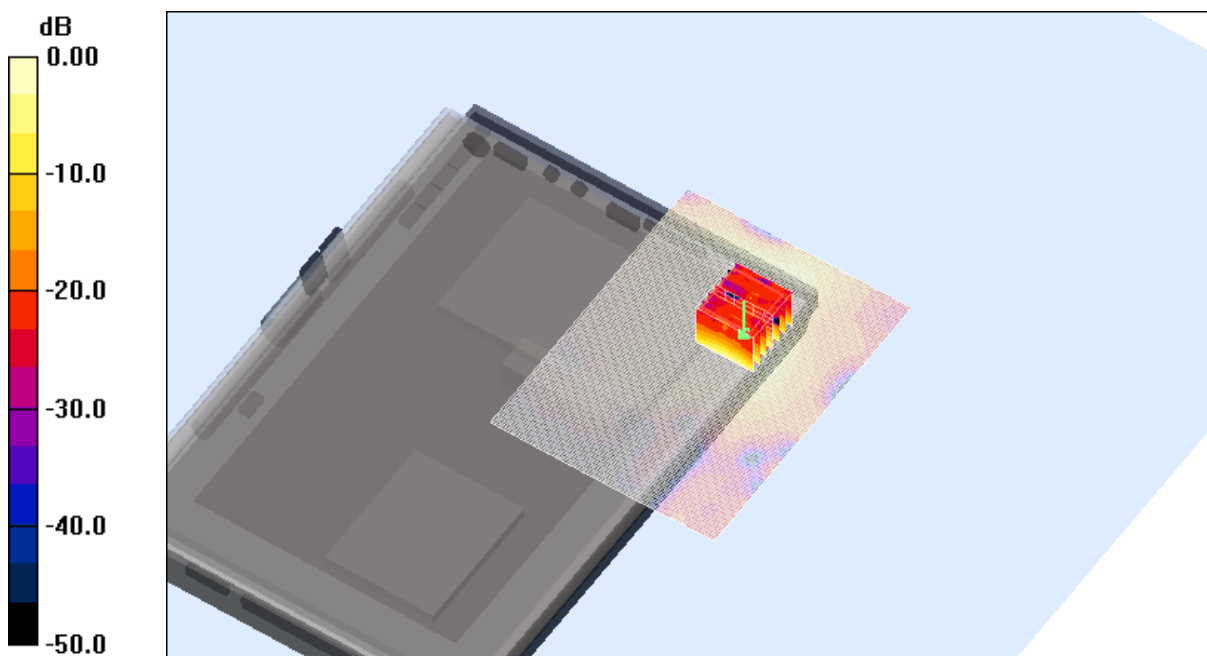
Channel 100 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 18.0 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 3.68 W/kg

SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.345 mW/g

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



0 dB = 1.88mW/g

SAR MEASUREMENT PLOT 20

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
44.0 %

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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) = 1.49 mW/g

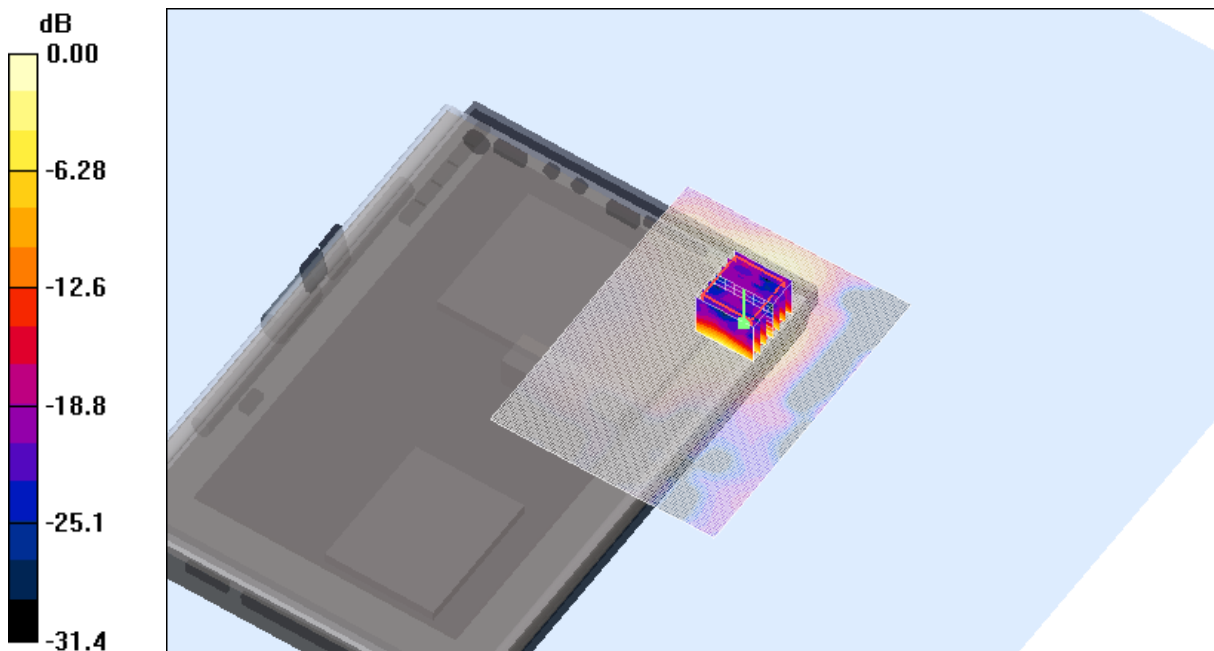
Channel 120 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 15.1 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.268 mW/g

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



0 dB = 1.46mW/g

SAR MEASUREMENT PLOT 21

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 B 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) = 2.23 mW/g

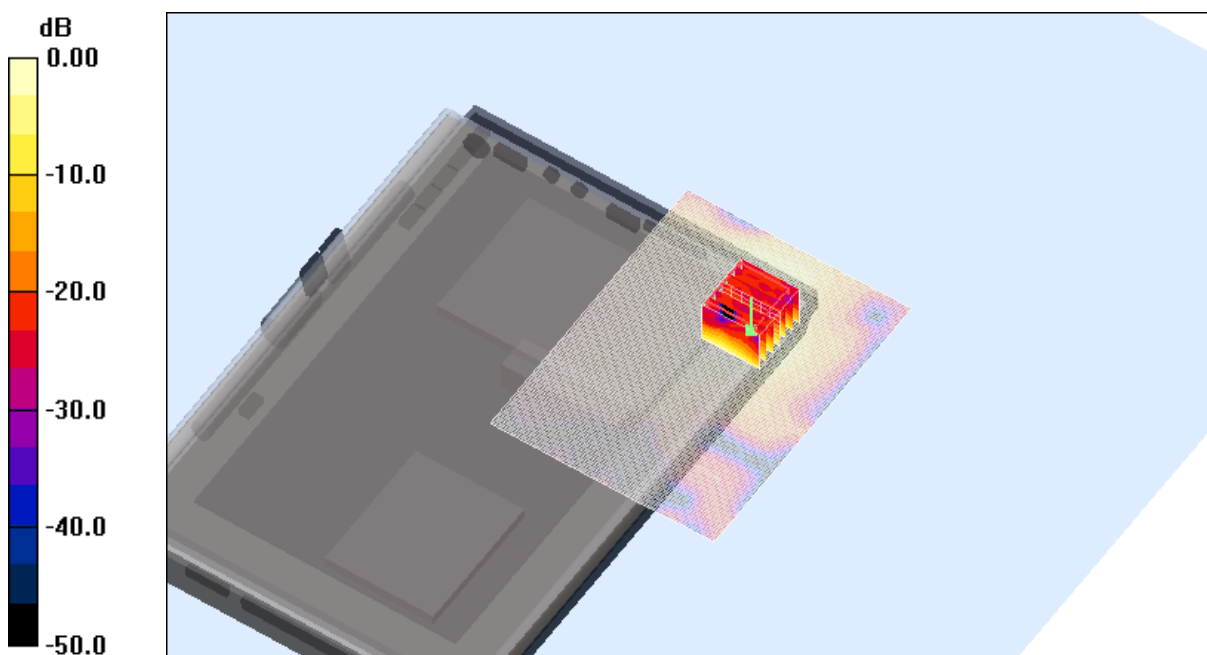
Channel 140 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 17.2 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 4.70 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.396 mW/g

Maximum value of SAR (measured) = 2.32 mW/g



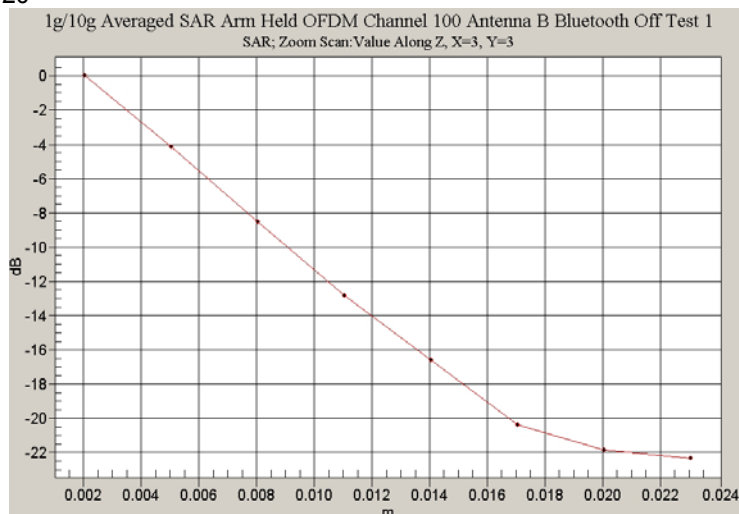
0 dB = 2.32mW/g

SAR MEASUREMENT PLOT 22

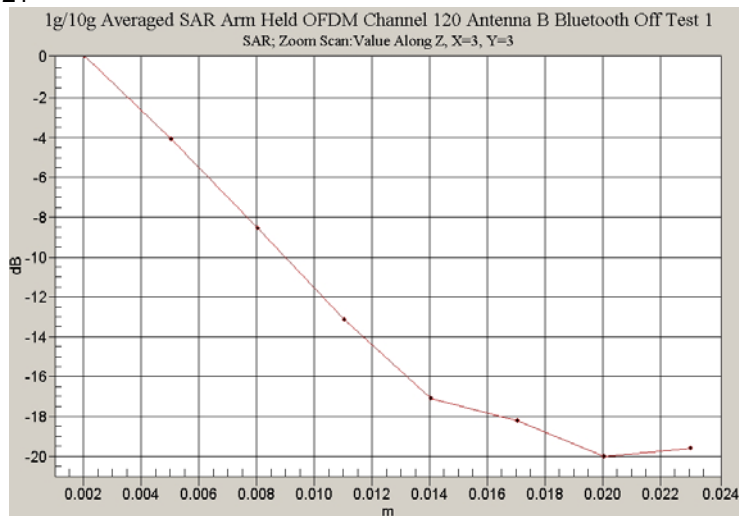
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
44.0 %

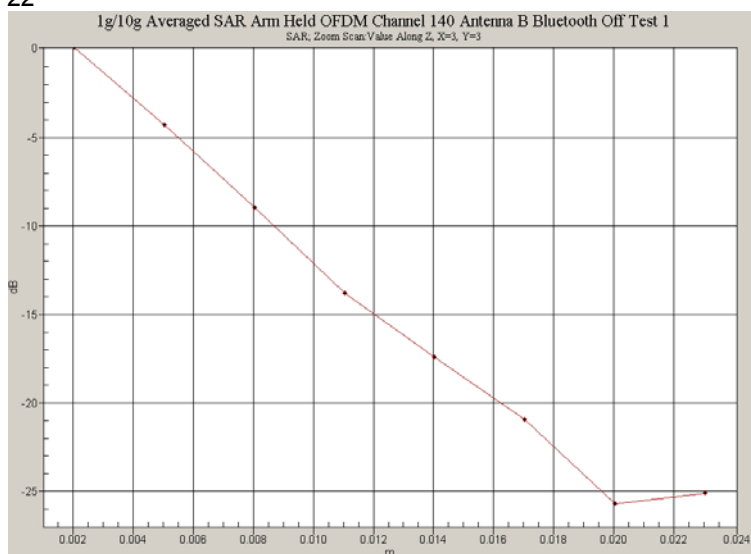
Z-Axis Graph for Plot 20



Z-Axis Graph for Plot 21



Z-Axis Graph for Plot 22



Test Date: 04 August 2006

File Name: [Edge On OFDM 5.77 GHz EU Antenna B Side 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 (81x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.444 mW/g

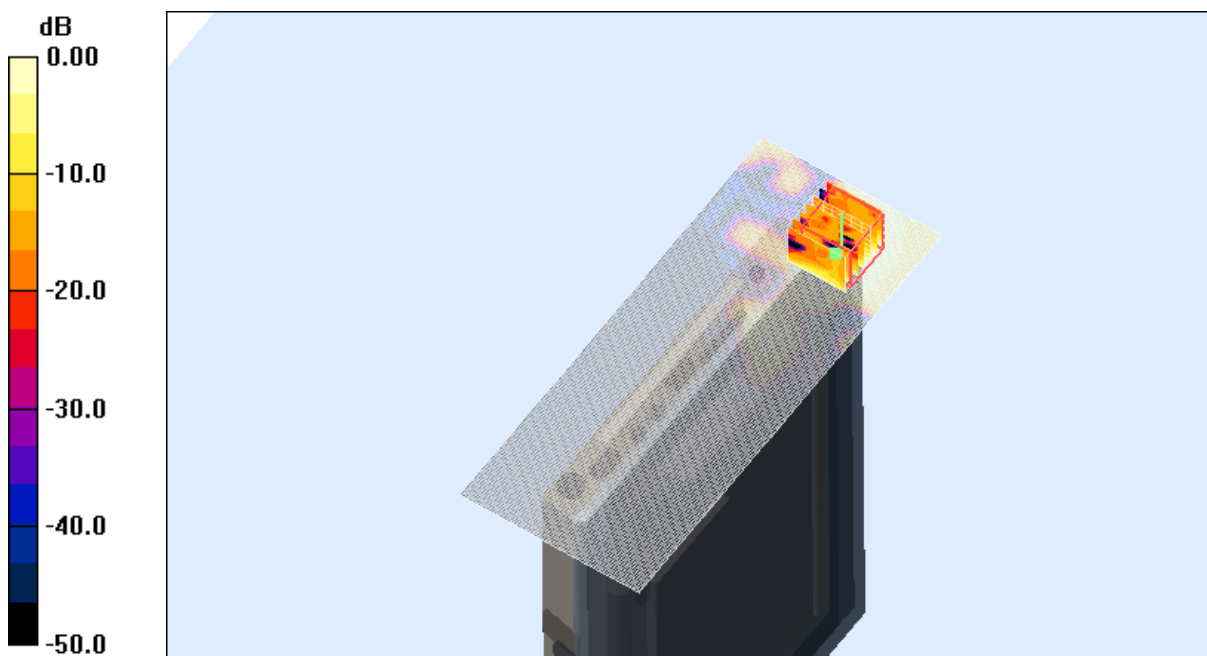
Channel 100 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.52 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.659 W/kg

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.059 mW/g

Maximum value of SAR (measured) = 0.382 mW/g



0 dB = 0.382mW/g

SAR MEASUREMENT PLOT 23

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
44.0 %

Test Date: 04 August 2006

File Name: [Edge On OFDM 5.77 GHz EU Antenna B Side 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 (81x201x1): Measurement grid: dx=10mm, dy=10mm

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

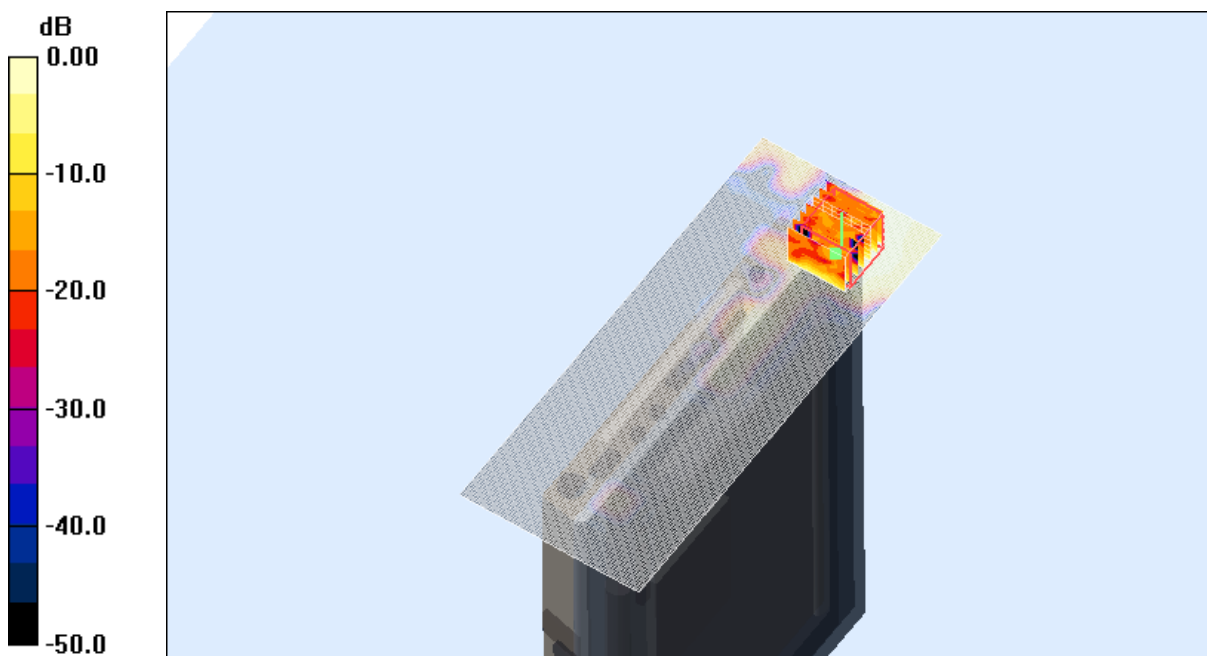
Channel 120 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.01 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.430 mW/g



0 dB = 0.430mW/g

SAR MEASUREMENT PLOT 24

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
44.0 %

Test Date: 04 August 2006

File Name: [Edge On OFDM 5.77 GHz EU Antenna B Side 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 (81x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.654 mW/g

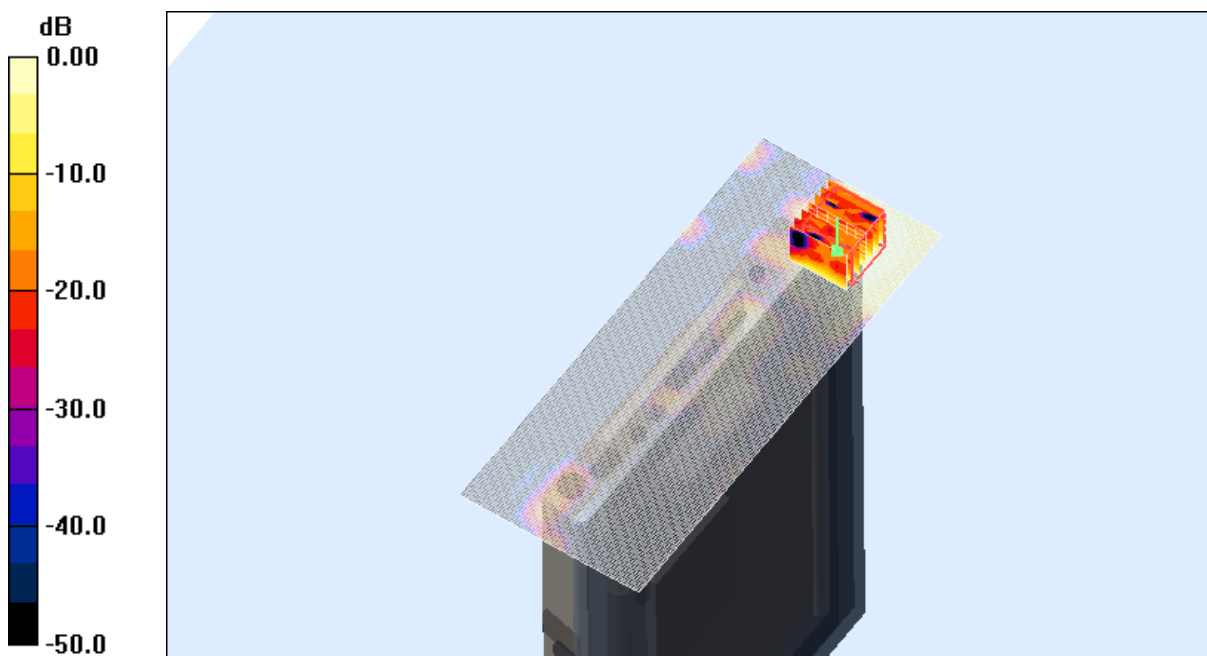
Channel 140 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.1 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.695 mW/g



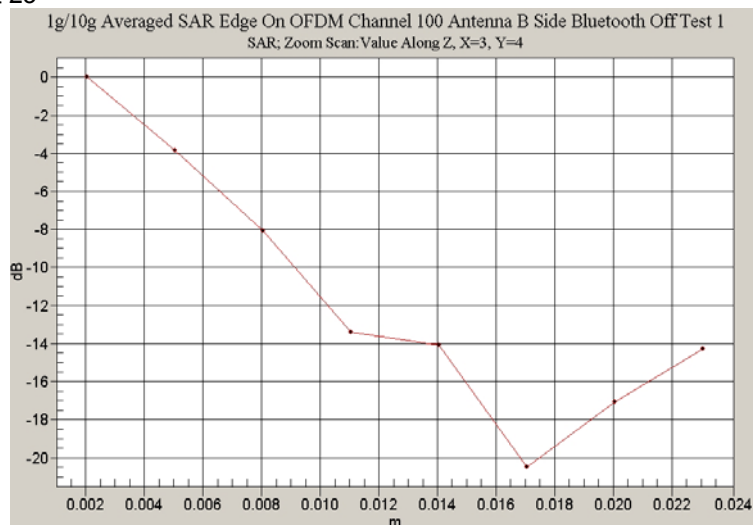
0 dB = 0.695mW/g

SAR MEASUREMENT PLOT 25

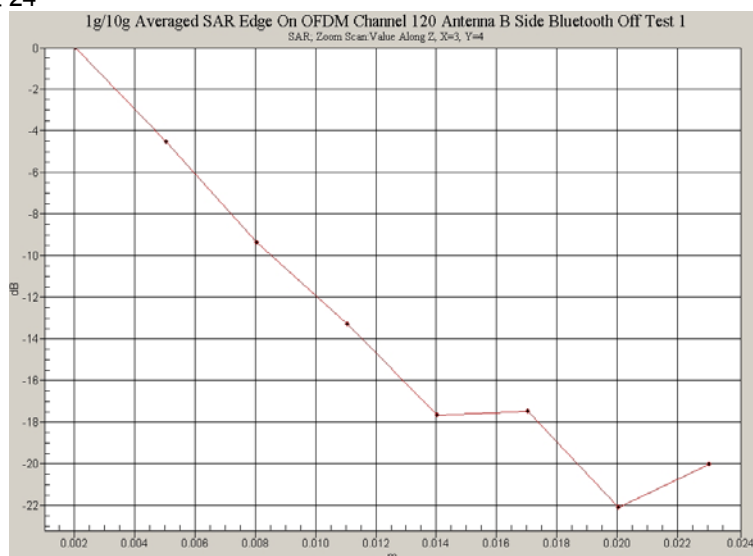
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
44.0 %

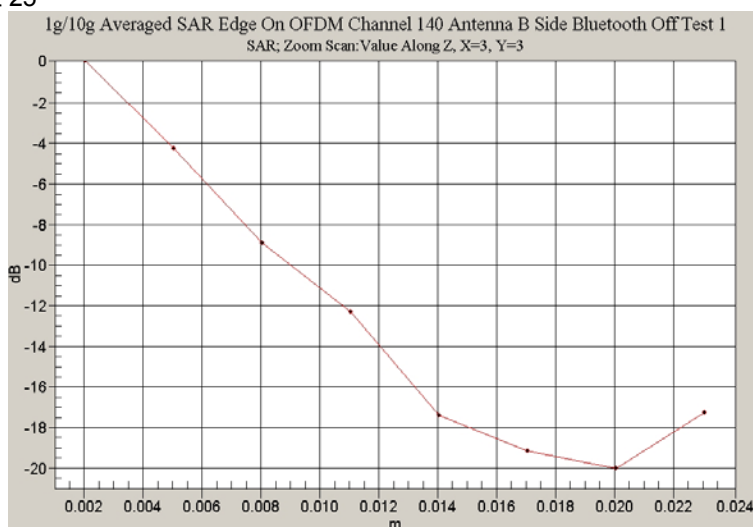
Z-Axis Graph for Plot 23



Z-Axis Graph for Plot 24



Z-Axis Graph for Plot 25



Test Date: 04 August 2006

File Name: [Arm Held OFDM 5.77 GHz EU Antenna A Bluetooth On 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) = 3.07 mW/g

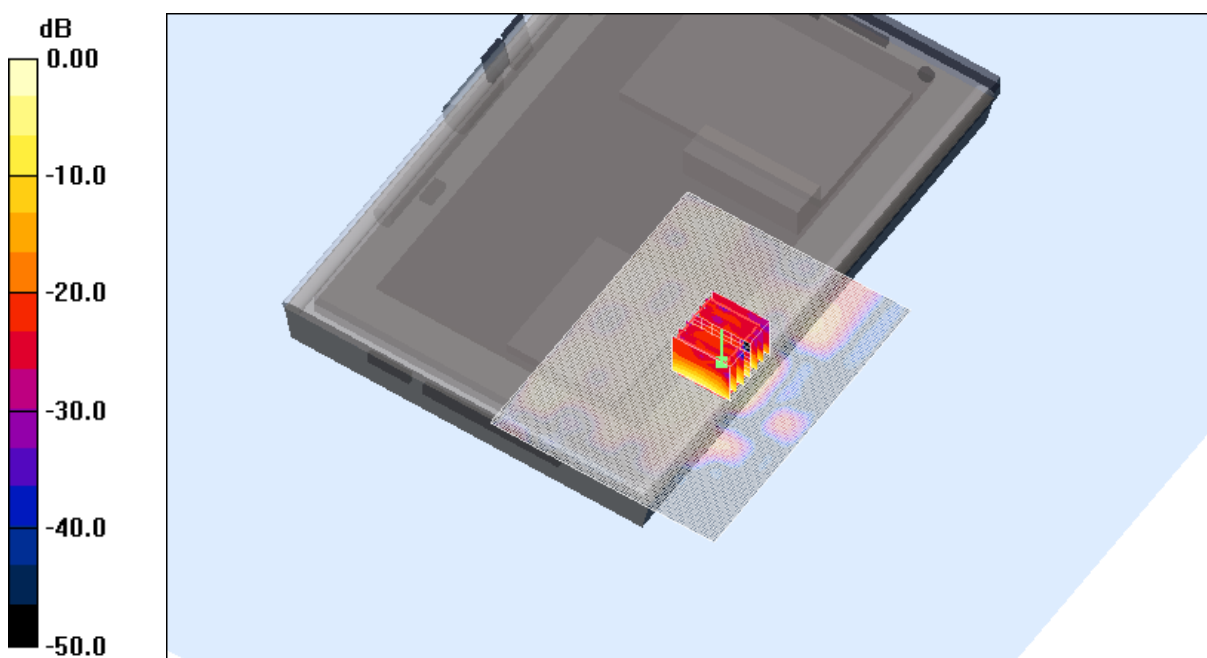
Channel 140 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 16.7 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 6.45 W/kg

SAR(1 g) = 1.55 mW/g; SAR(10 g) = 0.498 mW/g

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



0 dB = 3.14mW/g

SAR MEASUREMENT PLOT 26

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
44.0 %

Test Date: 04 August 2006

File Name: [Edge On OFDM 5.77 GHz EU Antenna B Side Bluetooth On 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 (81x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.640 mW/g

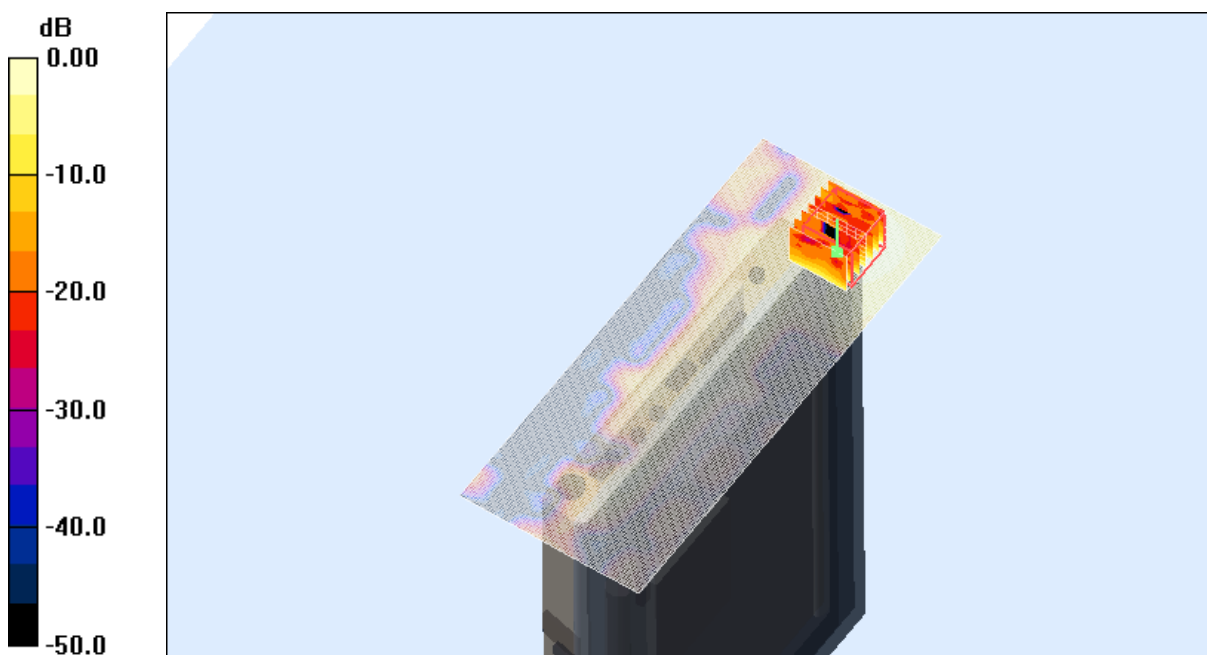
Channel 140 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.1 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.729 mW/g



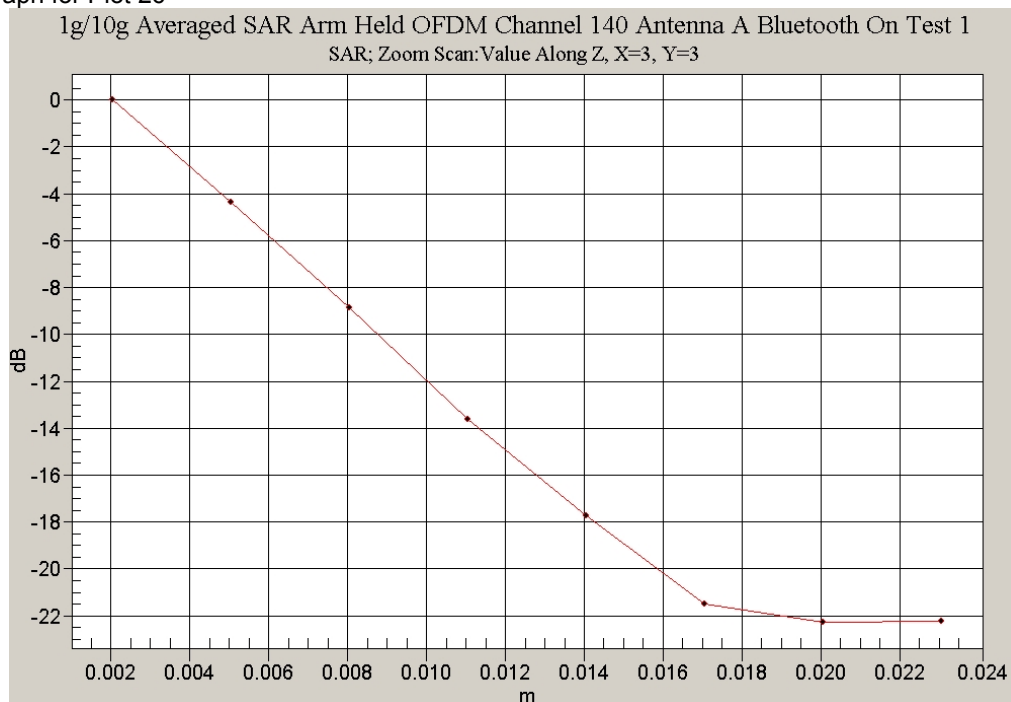
0 dB = 0.729mW/g

SAR MEASUREMENT PLOT 27

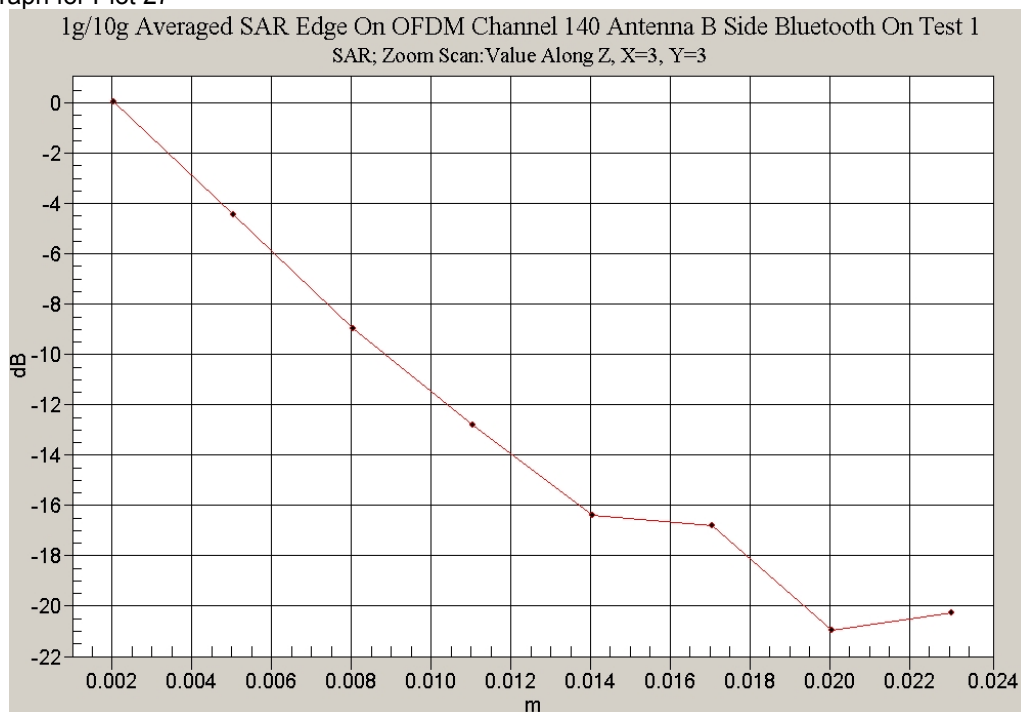
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
44.0 %

Z-Axis Graph for Plot 26



Z-Axis Graph for Plot 27



Test Date: 07 August 2006

File Name: [Arm Held OFDM 5.25 GHz Antenna A Bluetooth Off 07-08-06.da4](#)

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

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

* Medium parameters used: $\sigma = 5.24676$ mho/m, $\epsilon_r = 47.2223$; $\rho = 1000$ 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 36 Test/Area Scan (101x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.61 mW/g

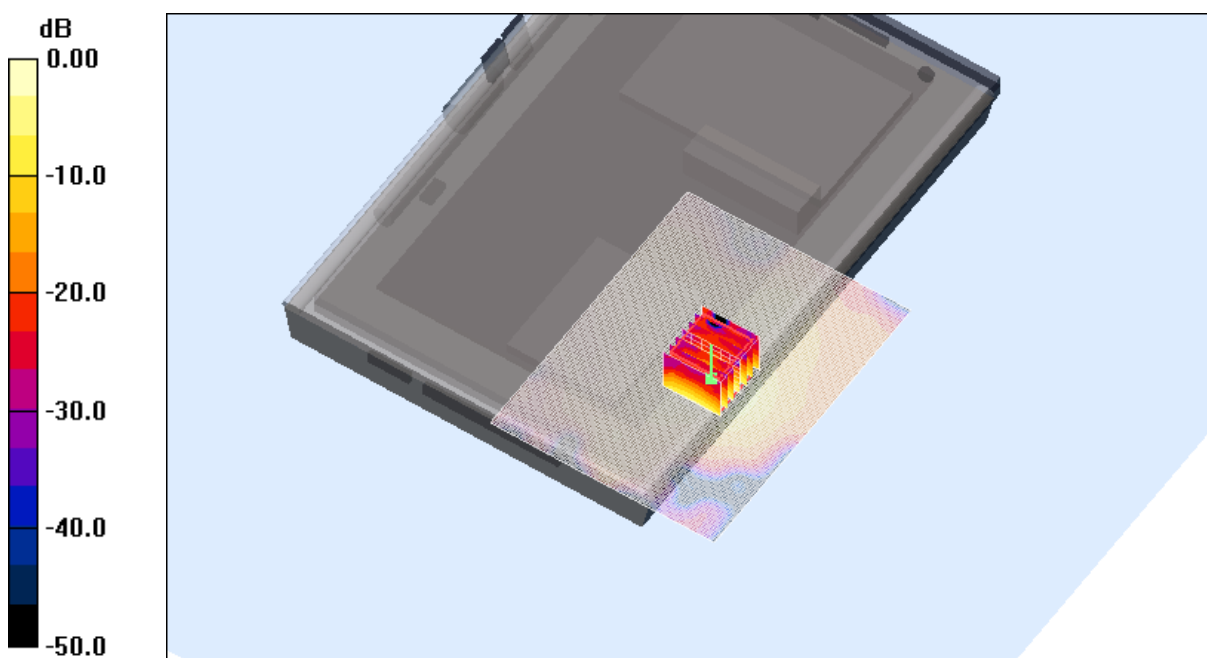
Channel 36 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.9 V/m; Power Drift = -0.277 dB

Peak SAR (extrapolated) = 4.52 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.426 mW/g

Maximum value of SAR (measured) = 2.52 mW/g



0 dB = 2.52mW/g

SAR MEASUREMENT PLOT 28

Ambient Temperature
Liquid Temperature
Humidity

20.0 Degrees Celsius
19.6 Degrees Celsius
35.0 %

Test Date: 07 August 2006

File Name: [Arm Held OFDM 5.25 GHz Antenna A Bluetooth Off 07-08-06.da4](#)

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

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

* Medium parameters used: $\sigma = 5.39833$ mho/m, $\epsilon_r = 47.0053$; $\rho = 1000$ 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 52 Test/Area Scan (101x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.30 mW/g

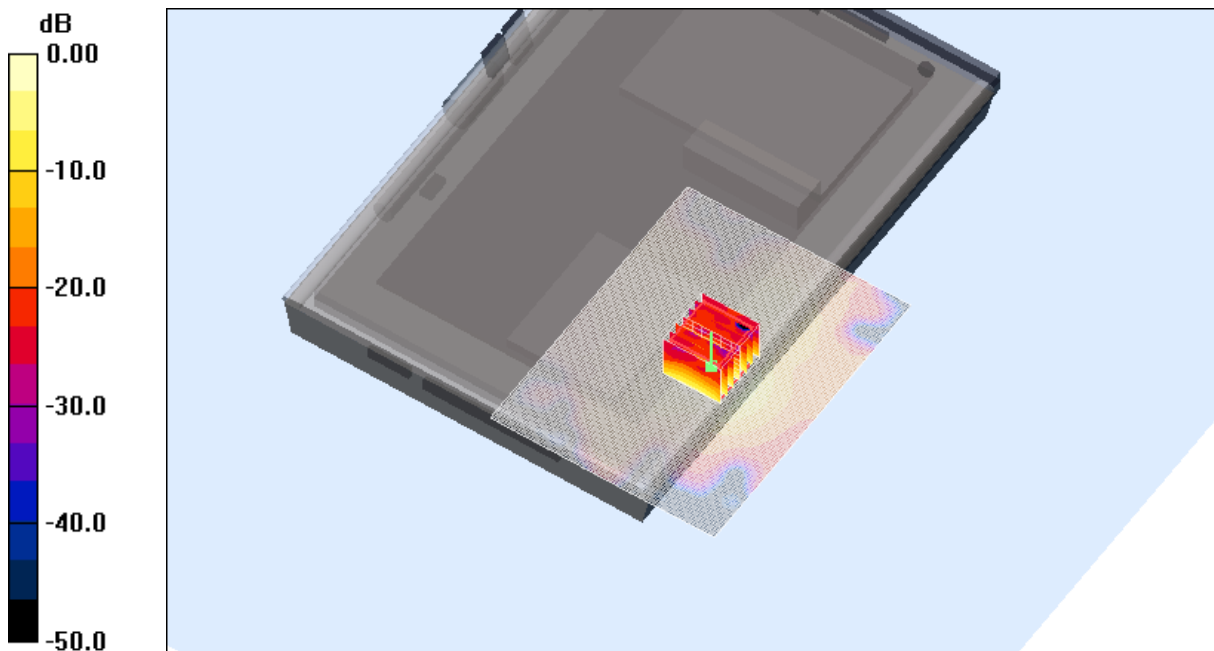
Channel 52 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.8 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 3.98 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 2.19 mW/g



0 dB = 2.19mW/g

SAR MEASUREMENT PLOT 29

Ambient Temperature
Liquid Temperature
Humidity

20.0 Degrees Celsius
19.6 Degrees Celsius
35.0 %

Test Date: 07 August 2006

File Name: [Arm Held OFDM 5.25 GHz Antenna A Bluetooth Off 07-08-06.da4](#)

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

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

* Medium parameters used: $\sigma = 5.53259$ mho/m, $\epsilon_r = 47.016$; $\rho = 1000$ 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 64 Test/Area Scan (101x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.29 mW/g

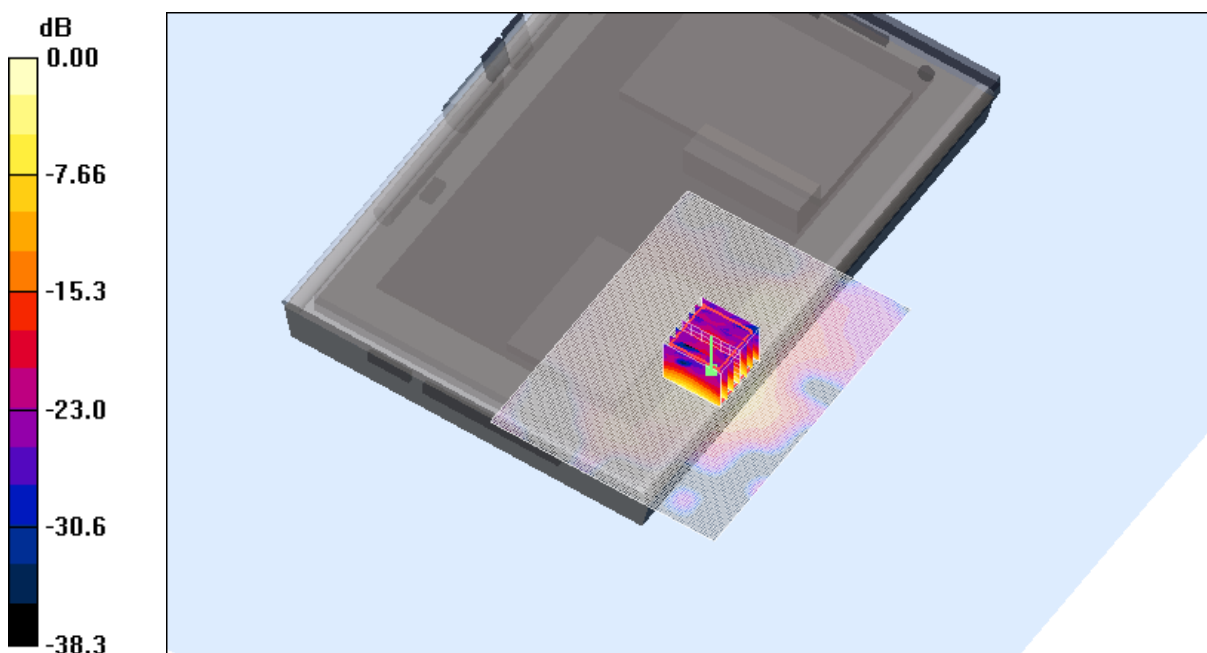
Channel 64 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 12.0 V/m; Power Drift = -0.268 dB

Peak SAR (extrapolated) = 4.15 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.380 mW/g

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



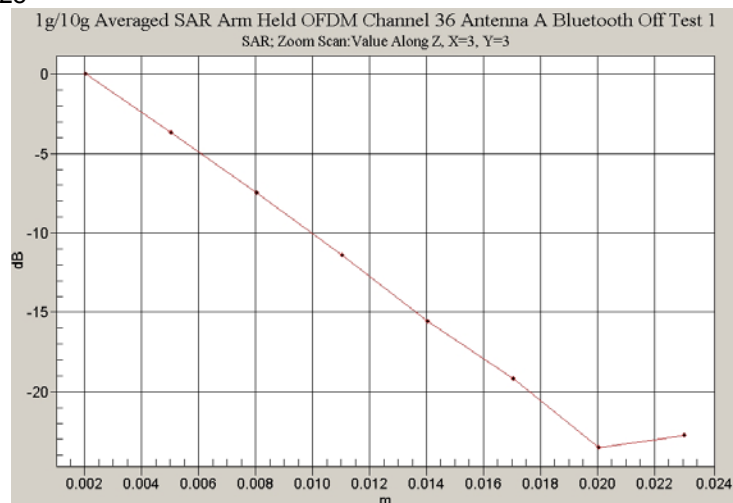
0 dB = 2.23mW/g

SAR MEASUREMENT PLOT 30

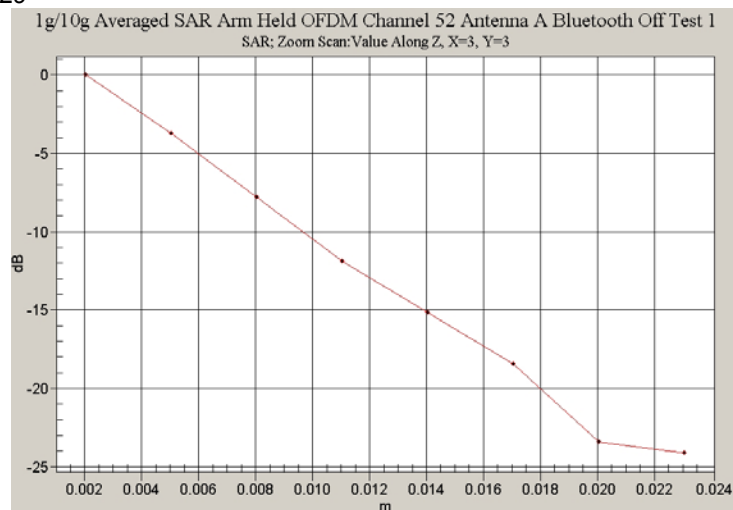
Ambient Temperature
Liquid Temperature
Humidity

20.0 Degrees Celsius
19.6 Degrees Celsius
35.0 %

Z-Axis Graph for Plot 28



Z-Axis Graph for Plot 29



Z-Axis Graph for Plot 30

