

Test Date: 10 March 2006

File Name: [Edge On OFDM 5.77 GHz Versalius Antenna B Bluetooth Off 10-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

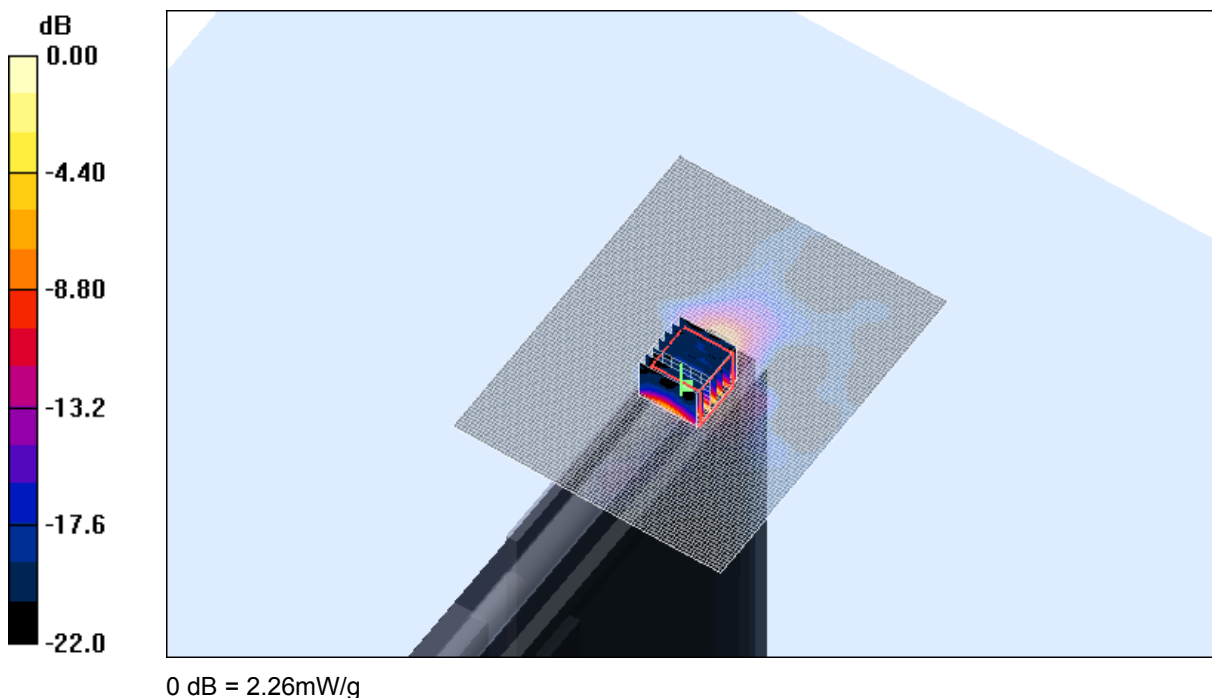
* Medium parameters used: $\sigma = 6.36078$ mho/m, $\epsilon_r = 47.5596$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.99, 3.99, 3.99)

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

Channel 149 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.56 mW/g

Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 11.8 V/m; Power Drift = -0.210 dB
Peak SAR (extrapolated) = 4.37 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.366 mW/g
Maximum value of SAR (measured) = 2.26 mW/g



SAR MEASUREMENT PLOT 12

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
62.0 %

Test Date: 10 March 2006

File Name: [Edge On OFDM 5.77 GHz Versalius Antenna B Bluetooth Off 10-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

* Medium parameters used: $\sigma = 6.45114$ mho/m, $\epsilon_r = 47.4091$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.99, 3.99, 3.99)

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

Channel 157 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

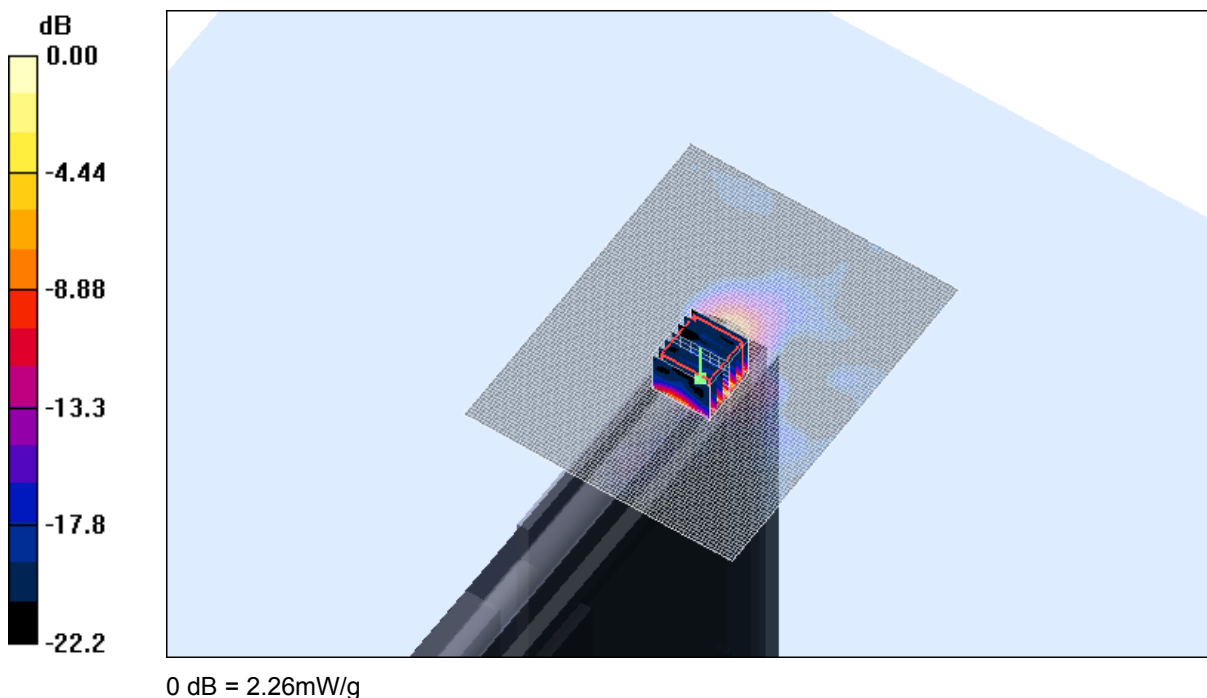
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.8 V/m; Power Drift = 0.113 dB

Peak SAR (extrapolated) = 4.27 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.366 mW/g

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



SAR MEASUREMENT PLOT 13

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
62.0 %

Test Date: 10 March 2006

File Name: [Edge On OFDM 5.77 GHz Versalius Antenna B Bluetooth Off 10-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

* Medium parameters used: $\sigma = 6.52161$ mho/m, $\epsilon_r = 47.2619$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.99, 3.99, 3.99)

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

Channel 165 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

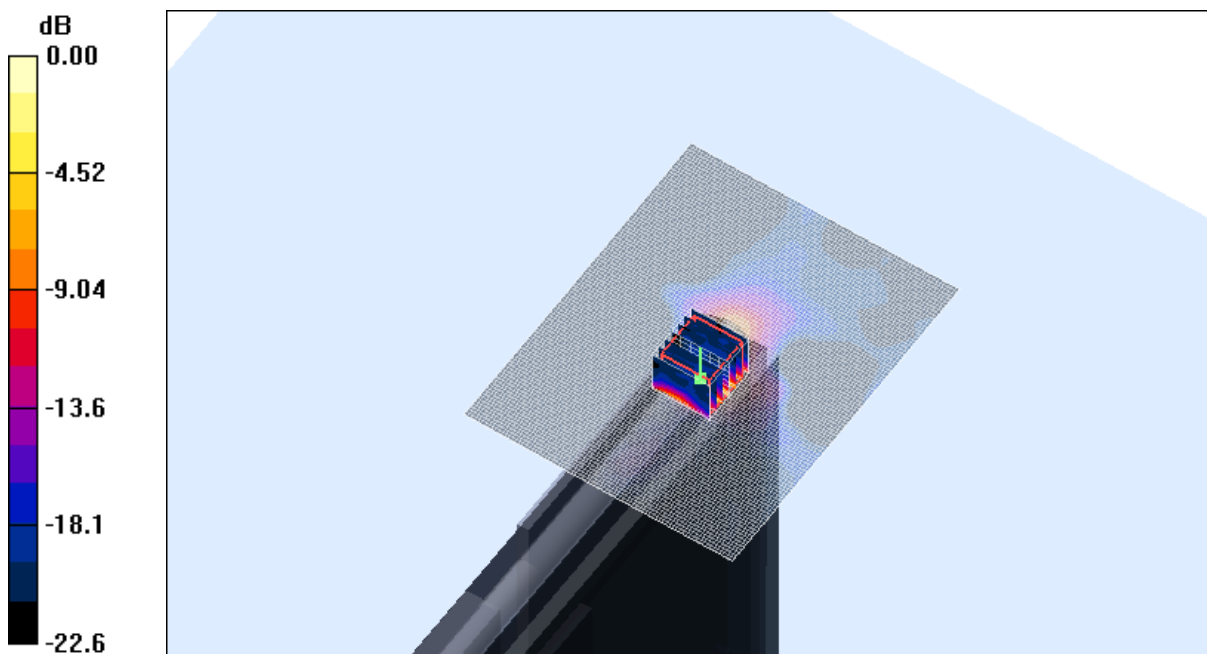
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 12.0 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 4.30 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.362 mW/g

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



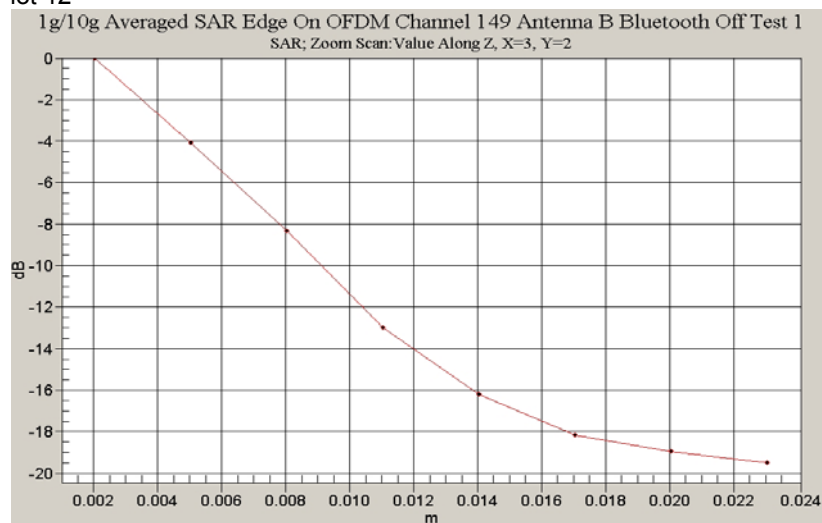
0 dB = 2.23mW/g

SAR MEASUREMENT PLOT 14

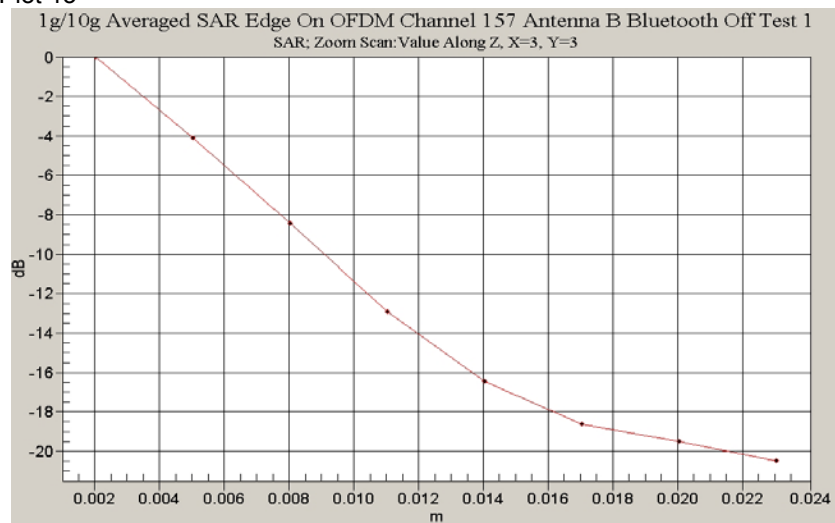
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
62.0 %

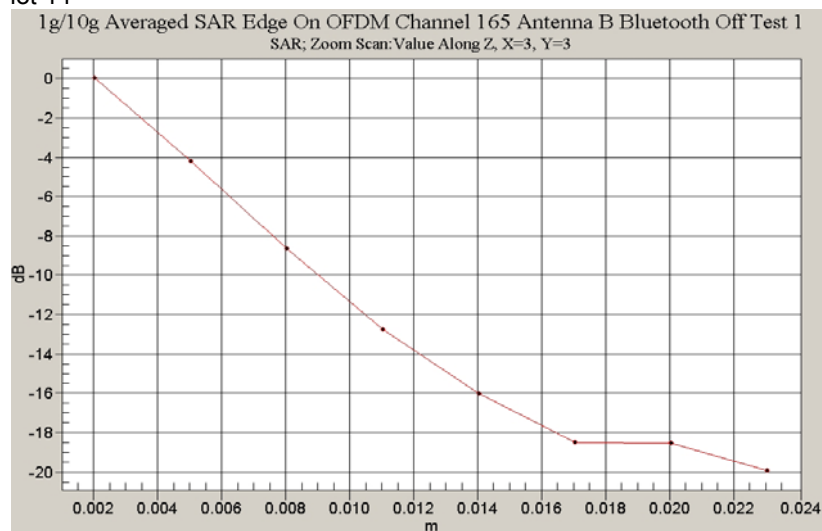
Z-Axis Graph for Plot 12



Z-Axis Graph for Plot 13



Z-Axis Graph for Plot 14



Test Date: 14 March 2006

File Name: [Arm Held OFDM 5.77 GHz Versalius Antenna A Bluetooth On 14-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

* Medium parameters used: $\sigma = 6.52822$ mho/m, $\epsilon_r = 47.0404$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.99, 3.99, 3.99)

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

Channel 165 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.25 mW/g

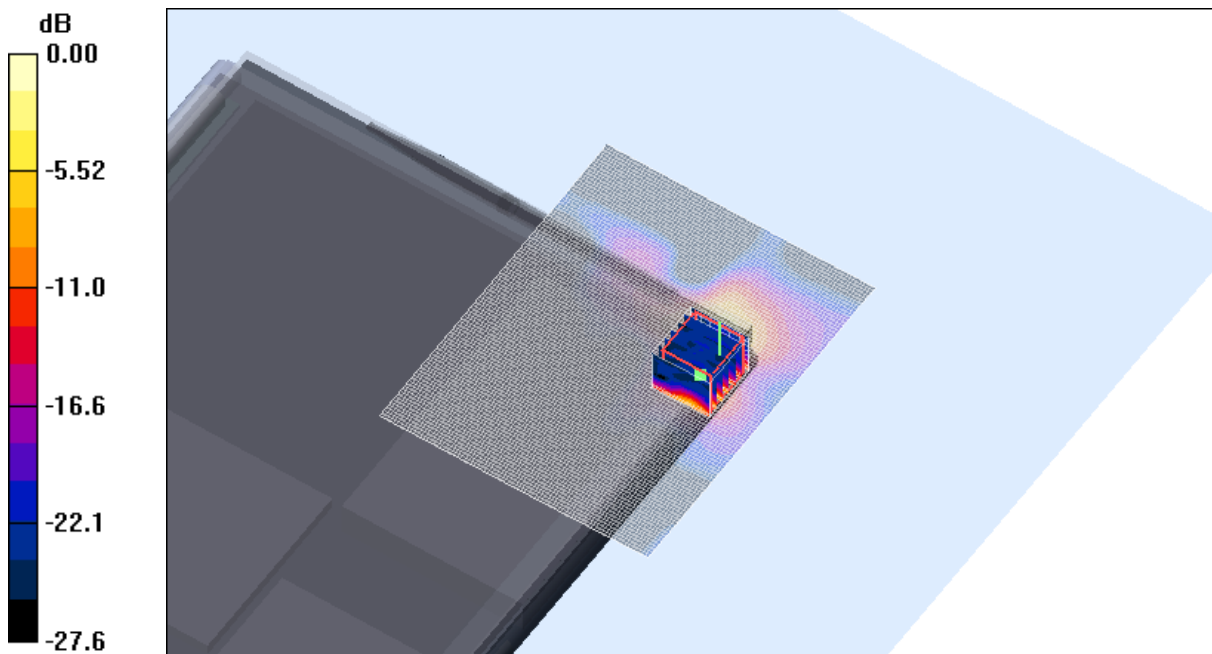
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 12.6 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 4.81 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 2.47 mW/g



0 dB = 2.47mW/g

SAR MEASUREMENT PLOT 15

Ambient Temperature
Liquid Temperature
Humidity

21.1 Degrees Celsius
20.7 Degrees Celsius
51.0 %

Test Date: 14 March 2006

File Name: [Arm Held OFDM 5.77 GHz Vesalius Antenna B Bluetooth On 14-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

* Medium parameters used: $\sigma = 6.37007$ mho/m, $\epsilon_r = 47.3582$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.99, 3.99, 3.99)

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

Channel 149 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.40 mW/g

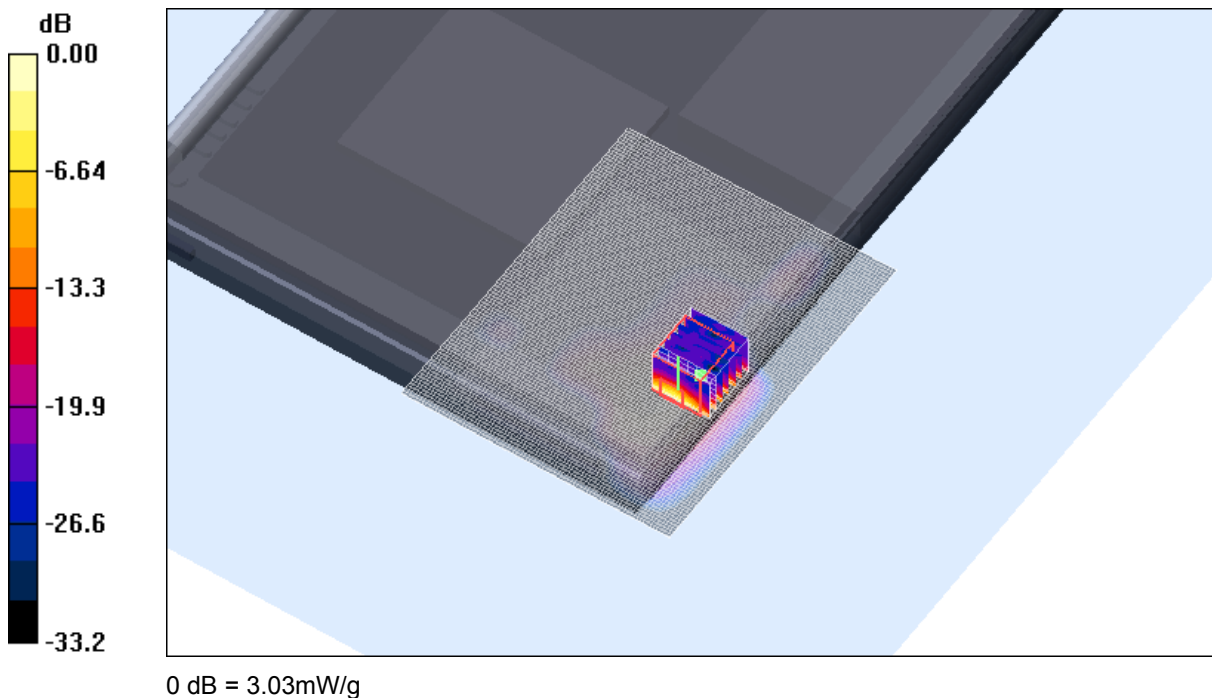
Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 20.9 V/m; Power Drift = -0.322 dB

Peak SAR (extrapolated) = 5.93 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 3.03 mW/g

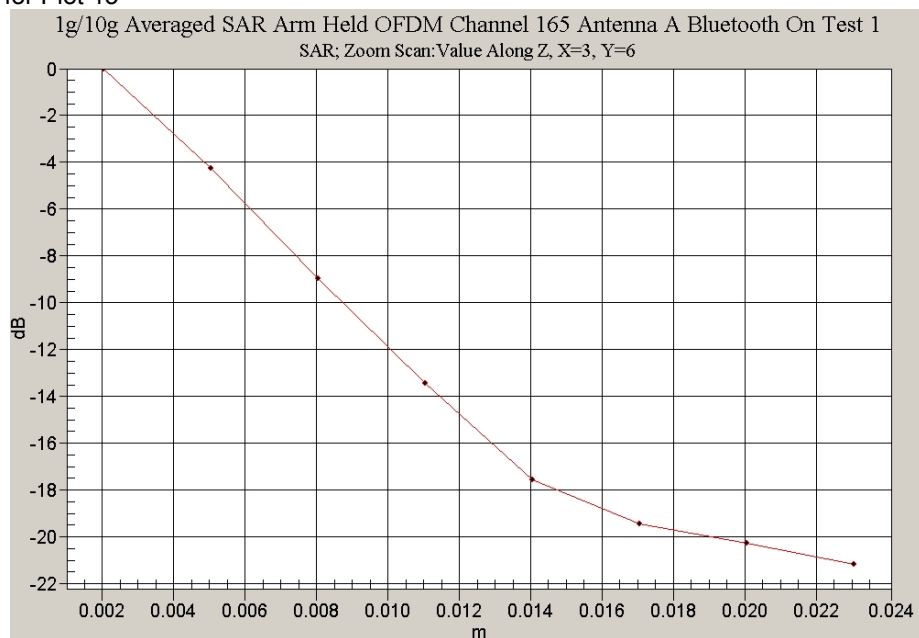


SAR MEASUREMENT PLOT 16

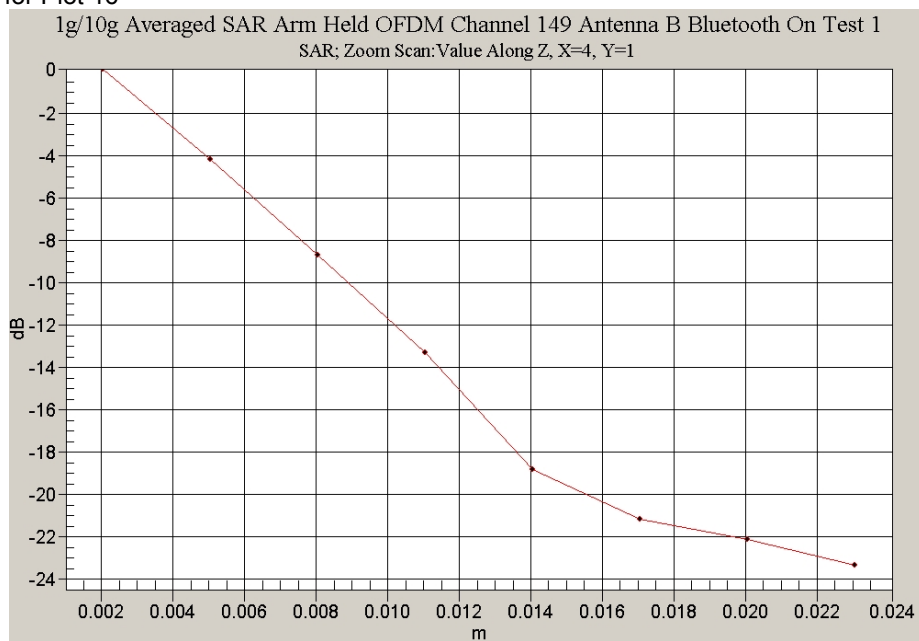
Ambient Temperature
Liquid Temperature
Humidity

21.1 Degrees Celsius
20.7 Degrees Celsius
51.0 %

Z-Axis Graph for Plot 15



Z-Axis Graph for Plot 16



Test Date: 10 March 2006

File Name: [Edge On OFDM 5.77 GHz Versalius Antenna A Bluetooth On 10-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

* Medium parameters used: $\sigma = 6.52161$ mho/m, $\epsilon_r = 47.2619$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.99, 3.99, 3.99)

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

Channel 165 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

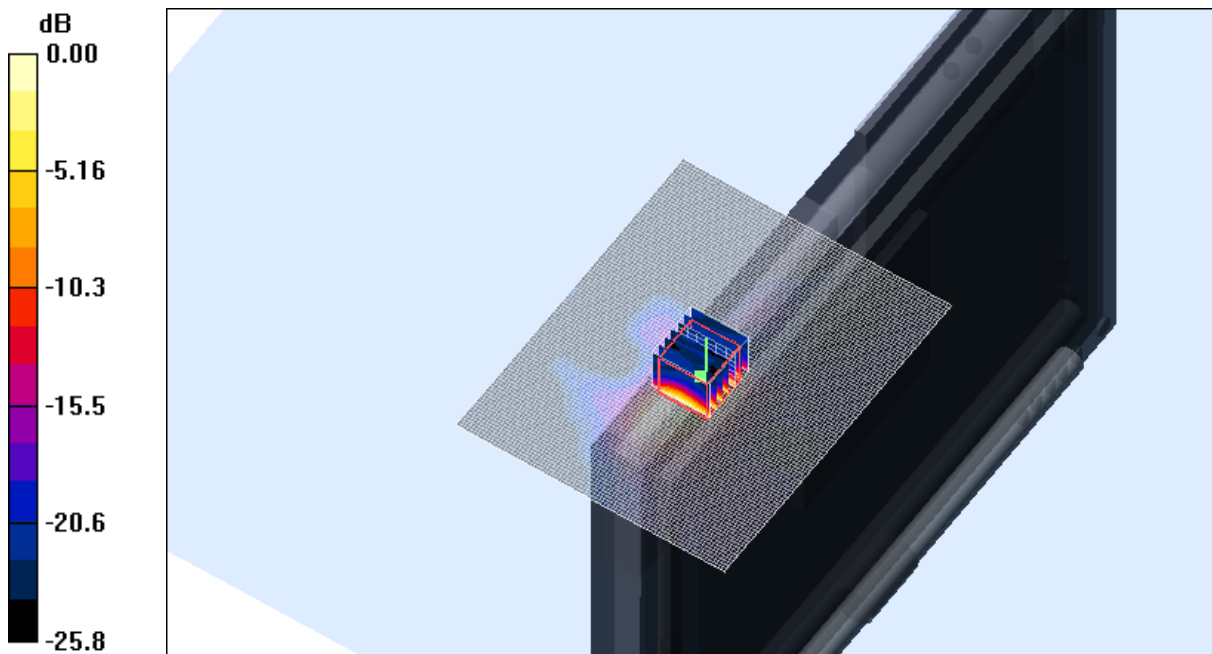
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 18.7 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 4.47 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.348 mW/g

Maximum value of SAR (measured) = 2.25 mW/g



0 dB = 2.25mW/g

SAR MEASUREMENT PLOT 17

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
62.0 %

Test Date: 10 March 2006

File Name: [Edge On OFDM 5.77 GHz Versalius Antenna B Bluetooth On 10-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

* Medium parameters used: $\sigma = 6.45114$ mho/m, $\epsilon_r = 47.4091$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.99, 3.99, 3.99)

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

Channel 157 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

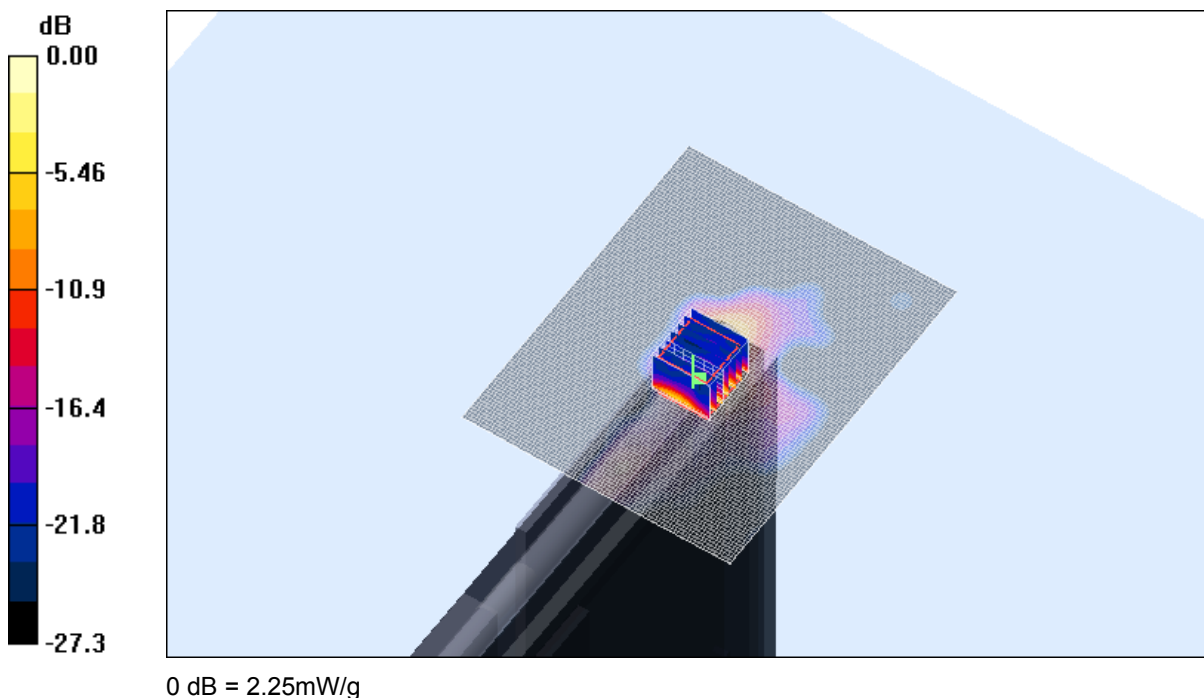
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 12.1 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 4.28 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 2.25 mW/g

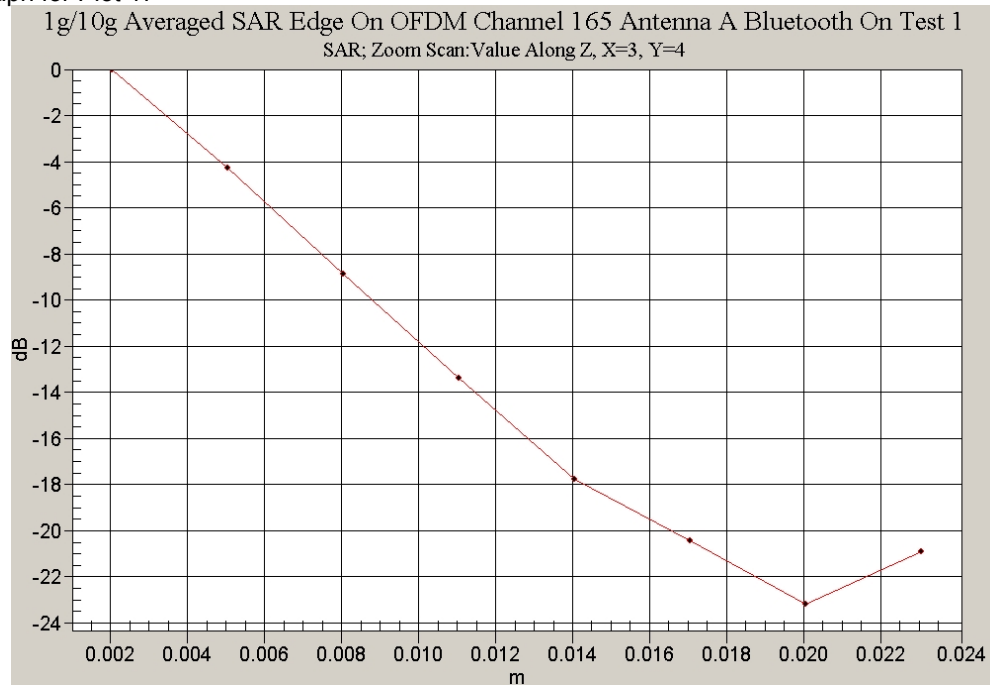


SAR MEASUREMENT PLOT 18

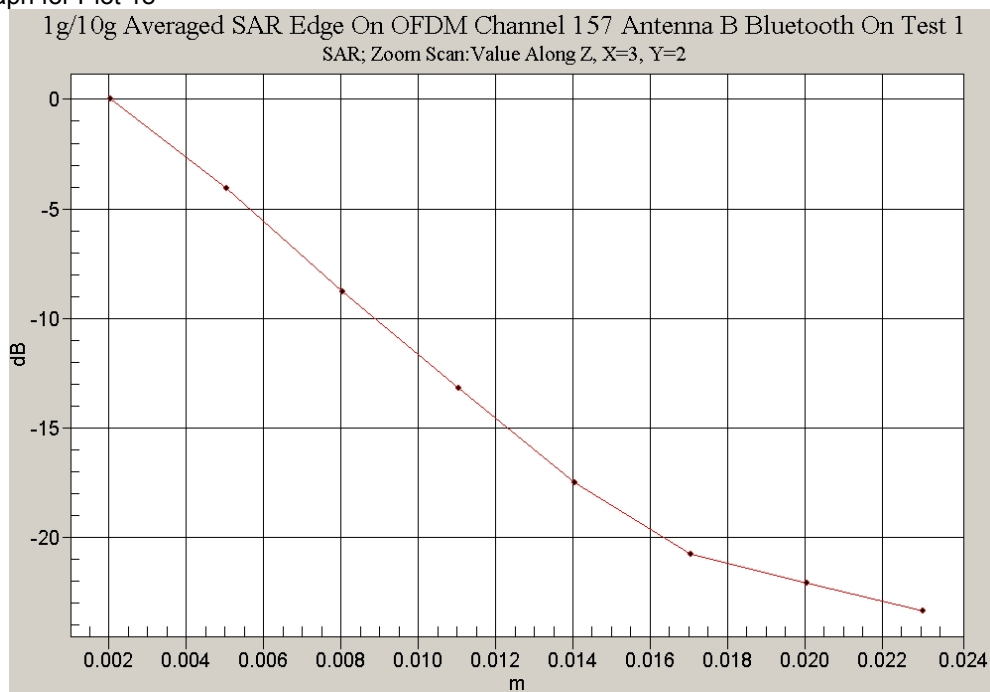
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
62.0 %

Z-Axis Graph for Plot 17



Z-Axis Graph for Plot 18



Test Date: 17 March 2006

File Name: [Arm Held OFDM 5.25 GHz Versalius Antenna A Bluetooth Off 17-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

* Medium parameters used: $\sigma = 5.36336$ mho/m, $\epsilon_r = 48.3467$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.36, 4.36, 4.36)

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

Channel 52 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.398 mW/g

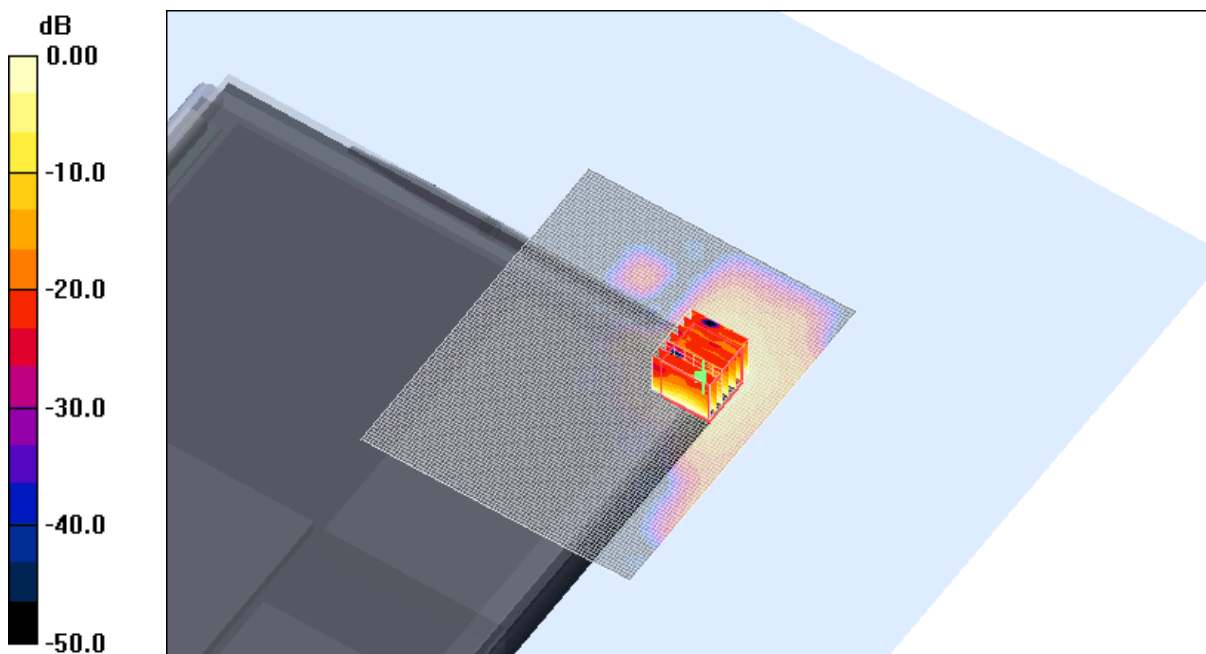
Channel 52 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.28 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.855 mW/g



0 dB = 0.855mW/g

SAR MEASUREMENT PLOT 19

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.8 Degrees Celsius
50.0 %

Test Date: 17 March 2006

File Name: [Arm Held OFDM 5.25 GHz Versalium Antenna B Bluetooth Off 17-03-06.da4](#)

DUT: Fujitsu Tablet Versalium with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

* Medium parameters used: $\sigma = 5.19165 \text{ mho/m}$, $\epsilon_r = 48.4883$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.36, 4.36, 4.36)

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

Channel 36 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.817 mW/g

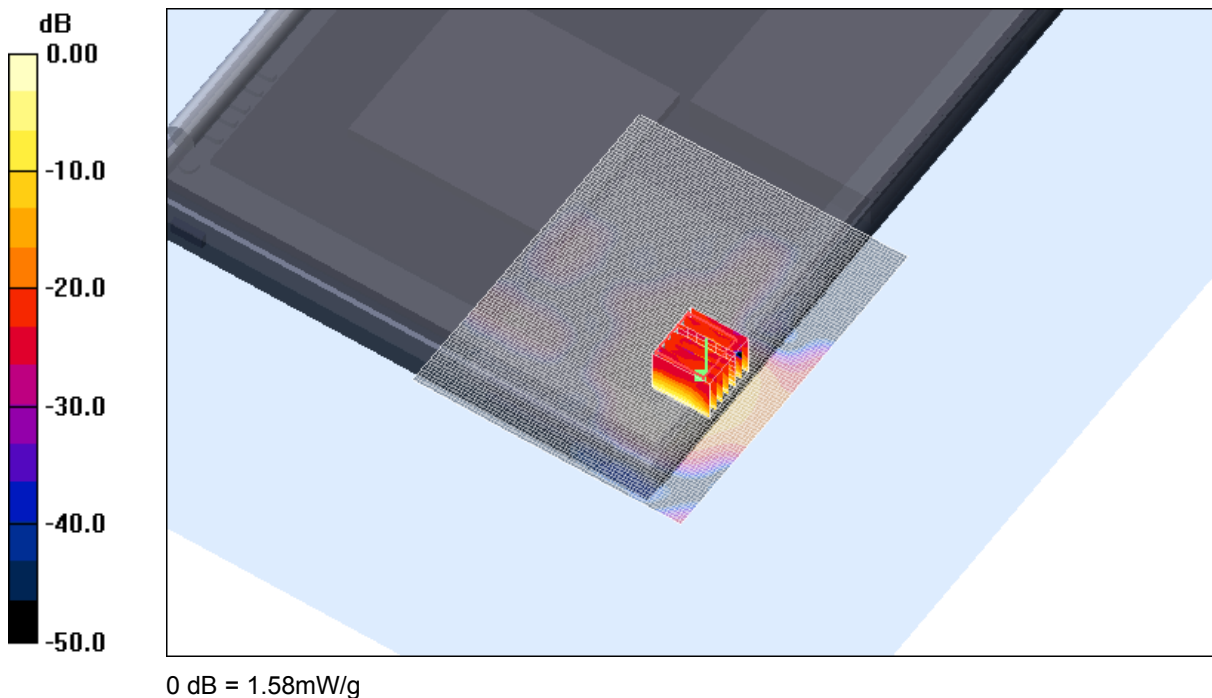
Channel 36 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 13.7 V/m; Power Drift = -0.185 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 1.58 mW/g

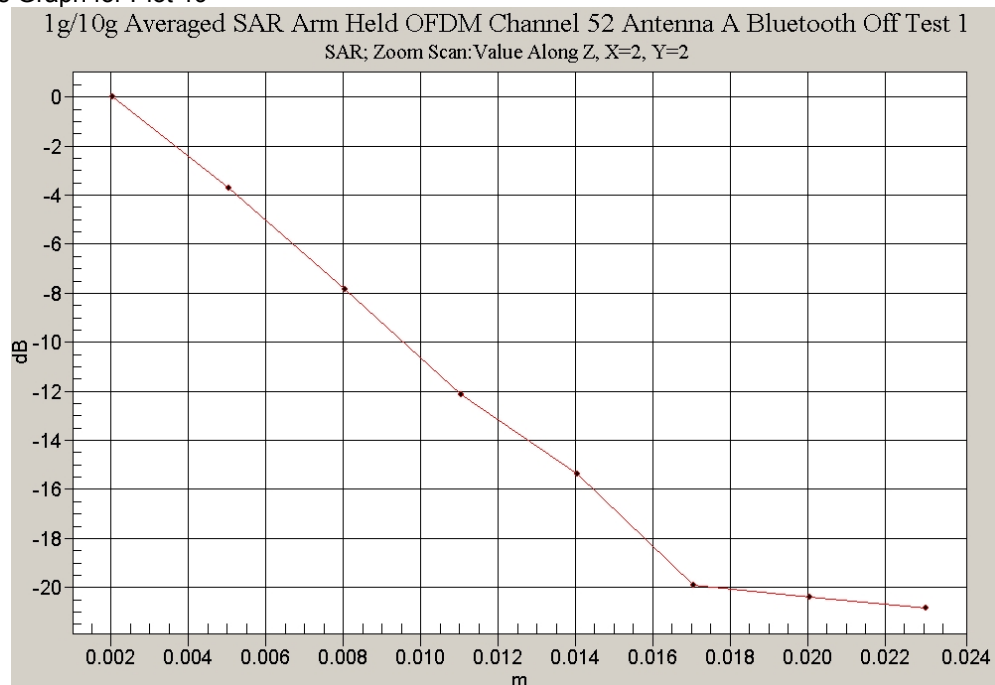


SAR MEASUREMENT PLOT 20

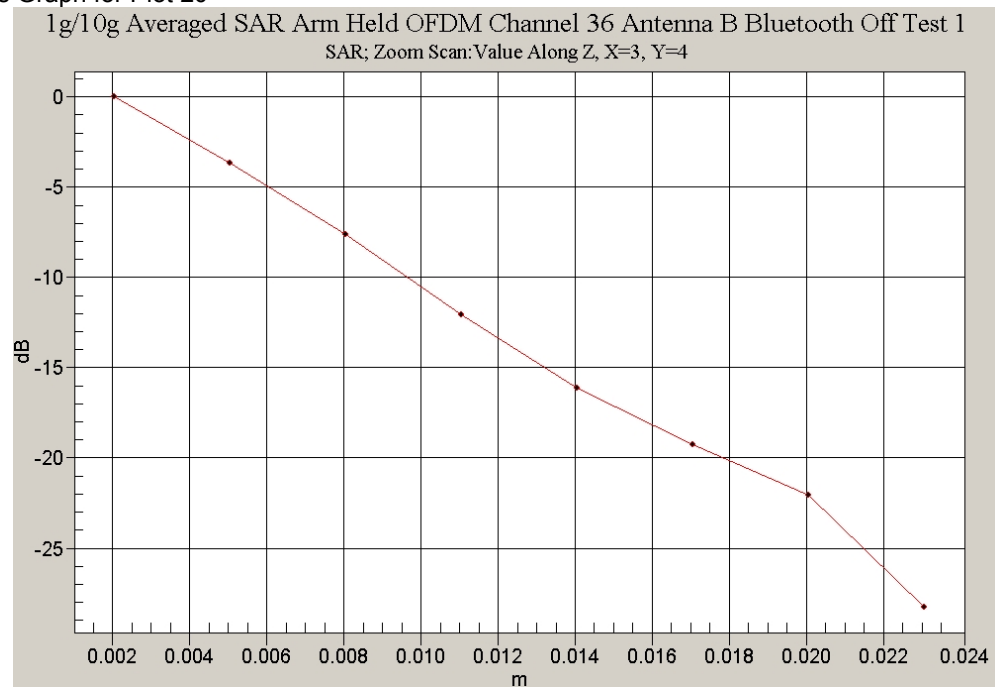
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.8 Degrees Celsius
50.0 %

Z-Axis Graph for Plot 19



Z-Axis Graph for Plot 20



Test Date: 17 March 2006

File Name: [Arm Held OFDM 5.25 GHz Versalius Antenna B Bluetooth Off 17-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

* Medium parameters used: $\sigma = 5.36336$ mho/m, $\epsilon_r = 48.3467$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.36, 4.36, 4.36)

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

Channel 52 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.25 mW/g

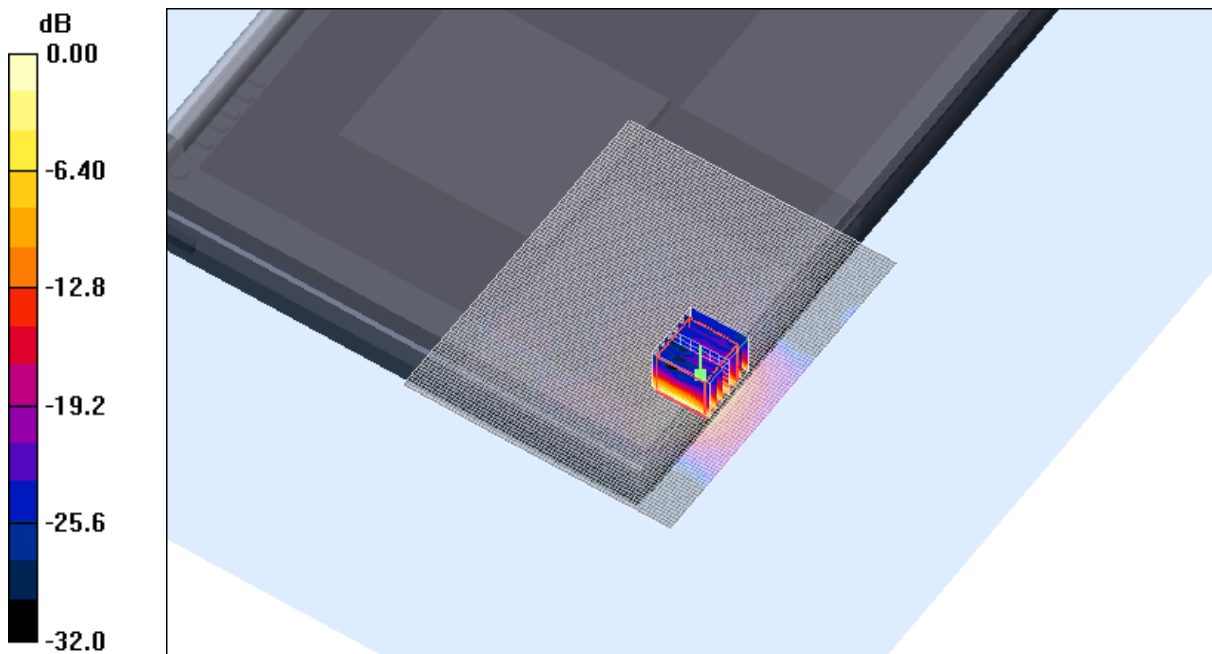
Channel 52 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 14.9 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 4.41 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.368 mW/g

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



0 dB = 2.38mW/g

SAR MEASUREMENT PLOT 21

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.8 Degrees Celsius
50.0 %

Test Date: 17 March 2006

File Name: [Arm Held OFDM 5.25 GHz Versalious Antenna B Bluetooth Off 17-03-06.da4](#)

DUT: Fujitsu Tablet Versalious with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

* Medium parameters used: $\sigma = 5.4864$ mho/m, $\epsilon_r = 48.2306$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.36, 4.36, 4.36)

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

Channel 64 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

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

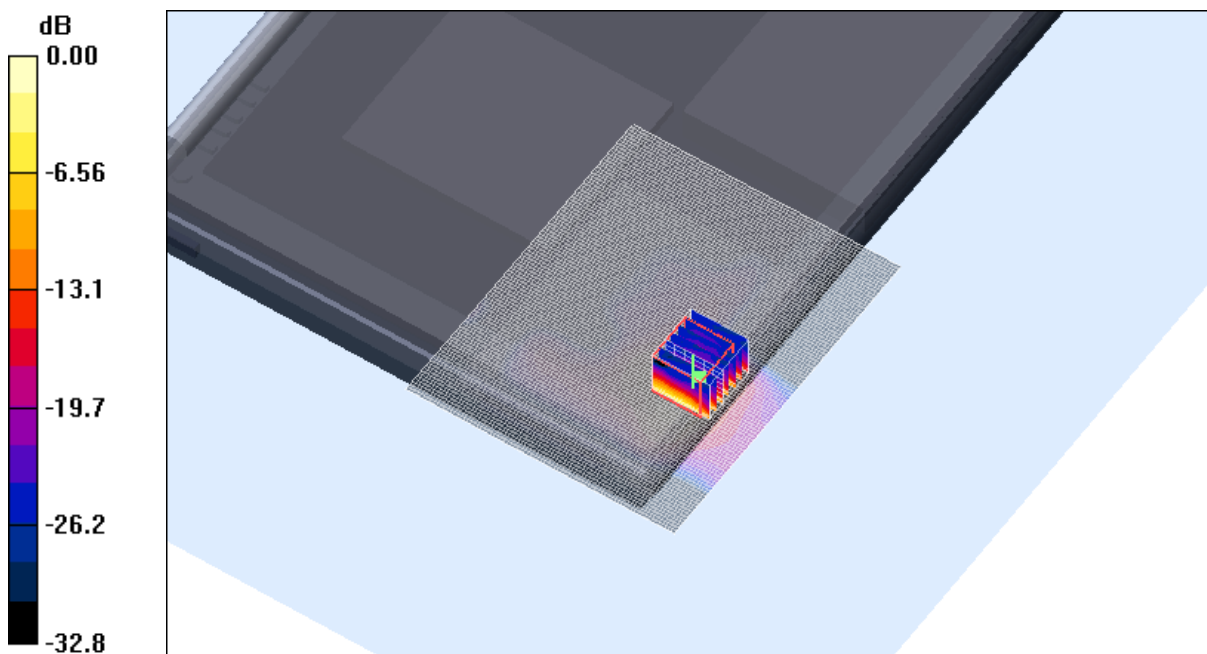
Channel 64 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 17.1 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 5.58 W/kg

SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.425 mW/g

Maximum value of SAR (measured) = 3.04 mW/g

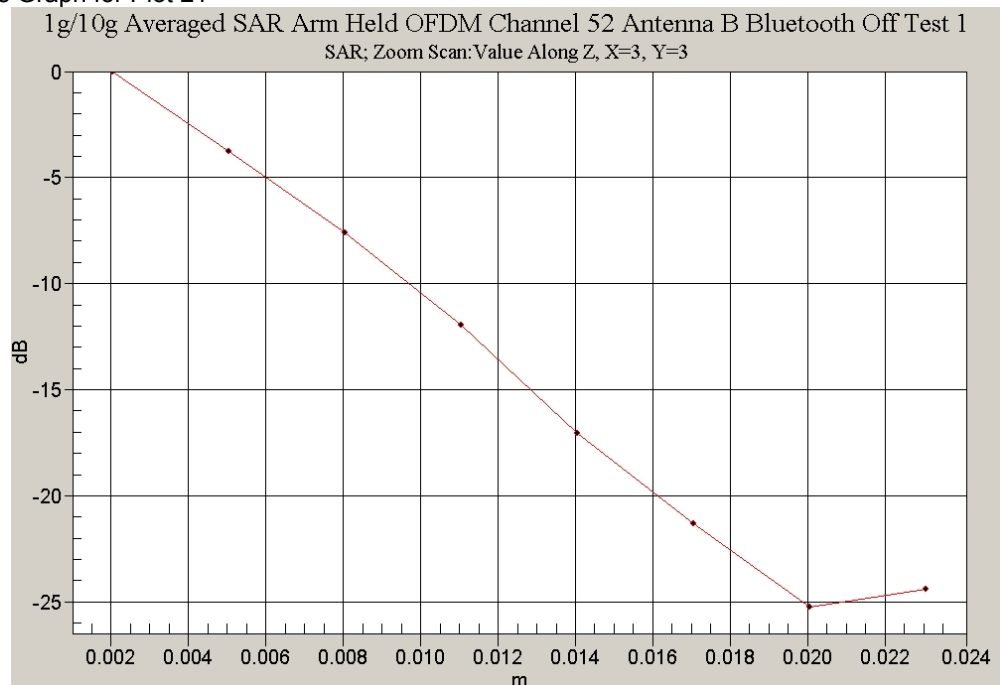


SAR MEASUREMENT PLOT 22

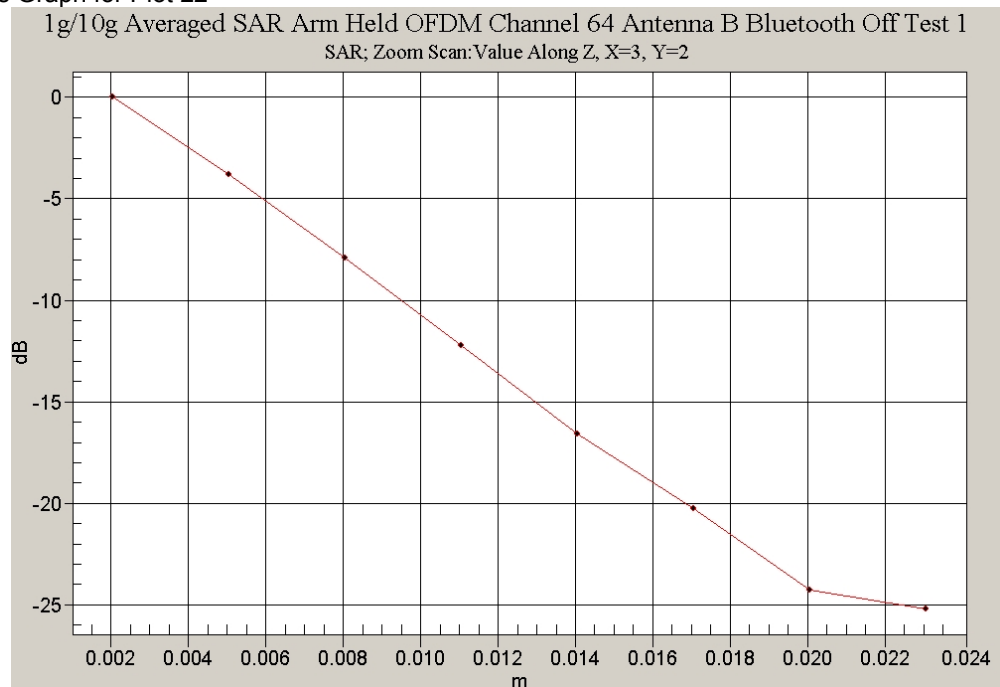
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.8 Degrees Celsius
50.0 %

Z-Axis Graph for Plot 21



Z-Axis Graph for Plot 22



Test Date: 17 March 2006

File Name: [Edge On OFDM 5.25 GHz Versalius Antenna A Bluetooth Off 17-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

* Medium parameters used: $\sigma = 5.36336$ mho/m, $\epsilon_r = 48.3467$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.36, 4.36, 4.36)

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

Channel 52 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.563 mW/g

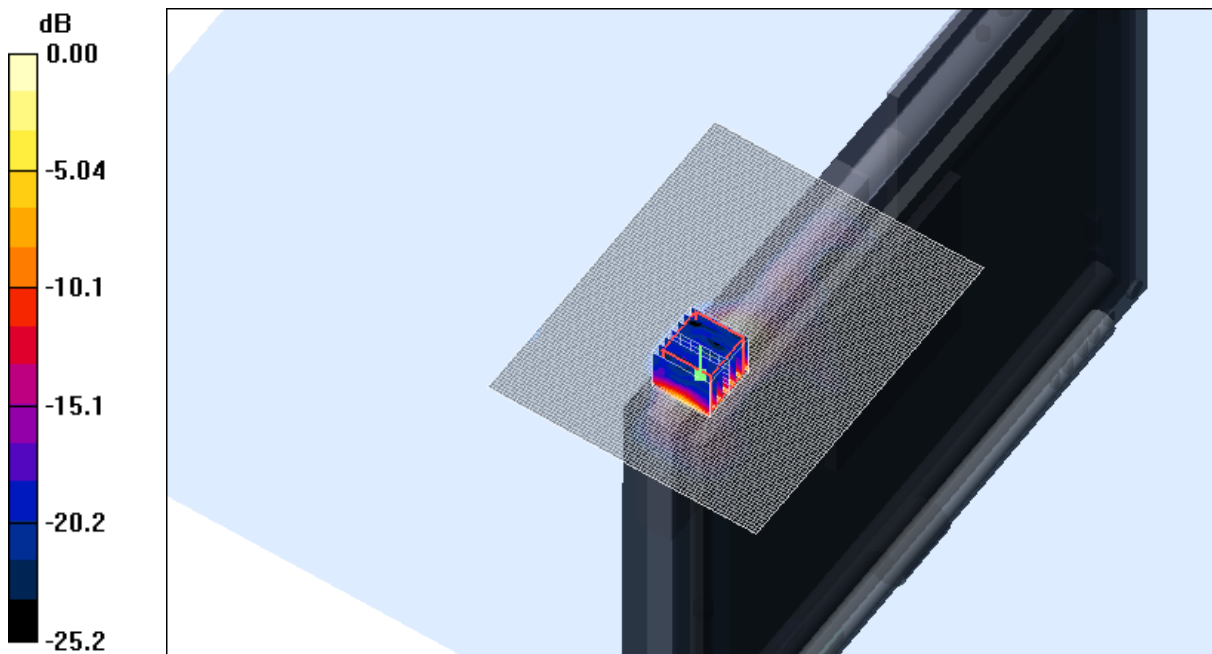
Channel 52 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.78 V/m; Power Drift = -0.221 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.849 mW/g



0 dB = 0.849mW/g

SAR MEASUREMENT PLOT 23

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.8 Degrees Celsius
50.0 %

Test Date: 17 March 2006

File Name: [Edge On OFDM 5.25 GHz Versalius Antenna B Bluetooth Off 17-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Atheros 11abg and Bluetooth; Type: XB62; Serial: MAC: 0011F5-C22B36

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

* Medium parameters used: $\sigma = 5.19165 \text{ mho/m}$, $\epsilon_r = 48.4883$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.36, 4.36, 4.36)

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

Channel 36 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.645 mW/g

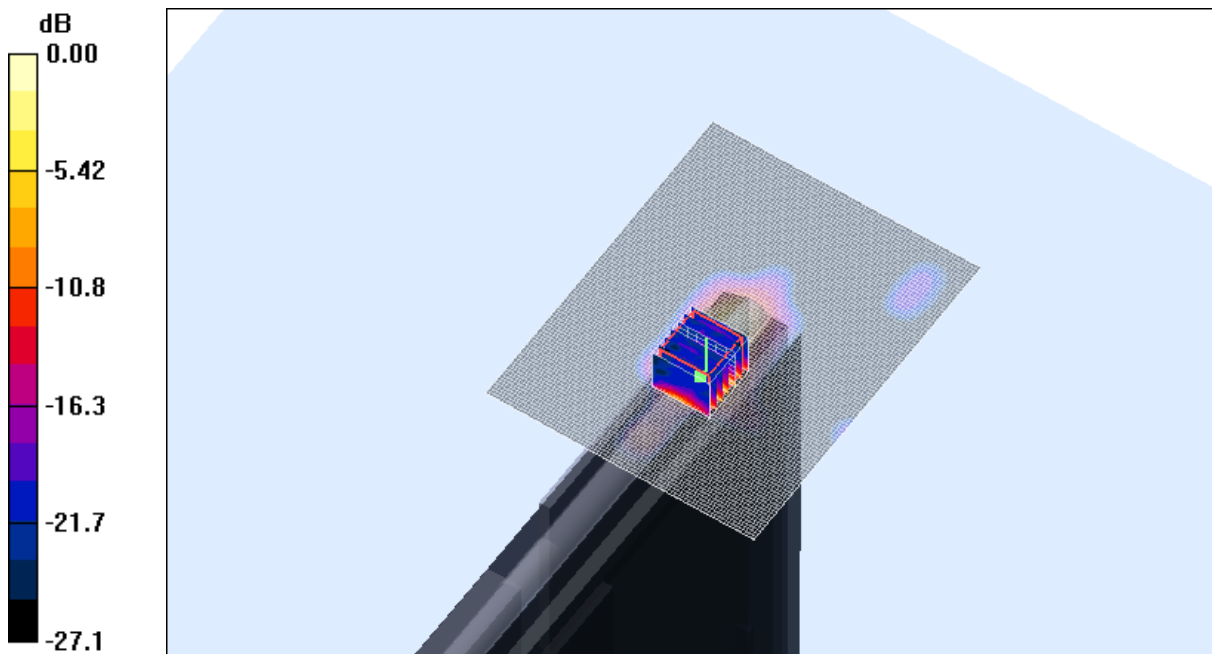
Channel 36 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 15.4 V/m; Power Drift = -0.214 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.177 mW/g

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

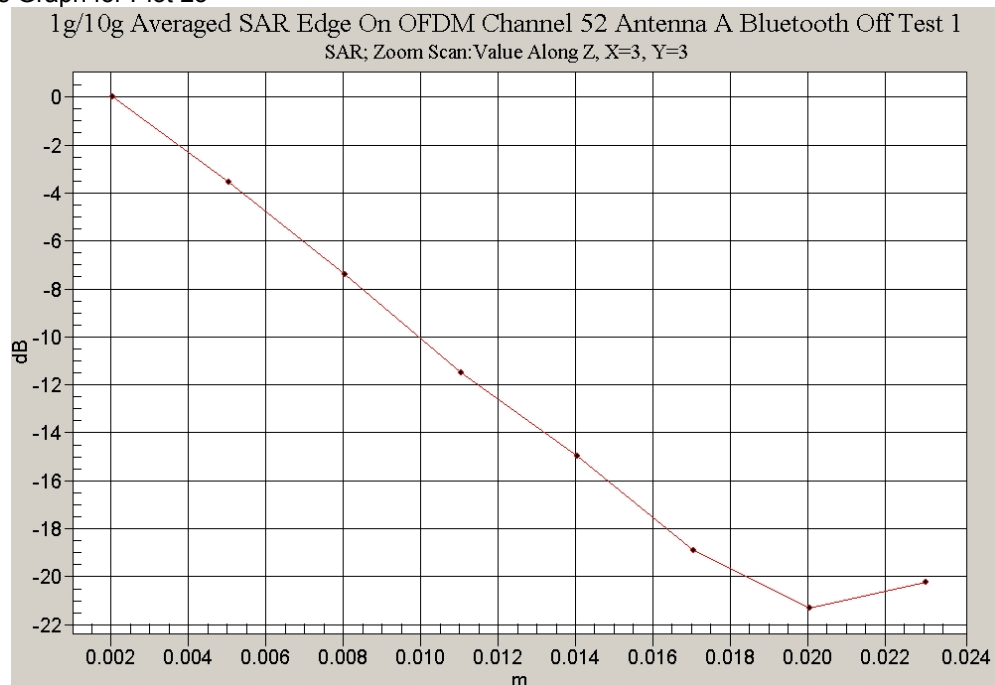


SAR MEASUREMENT PLOT 24

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.8 Degrees Celsius
50.0 %

Z-Axis Graph for Plot 23



Z-Axis Graph for Plot 24

