

Test Date: 2 March 2006

File Name: [Edge On OFDM 5.77 GHz Versalius Antenna Main Bluetooth Off 02-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Golan 11abg and Bluetooth; Type: WM3945ABG; Serial: 028CCF455CVD26533003

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

* Medium parameters used: $\sigma = 6.35218$ mho/m, $\epsilon_r = 48.8522$; $\rho = 1000$ 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) = 1.45 mW/g

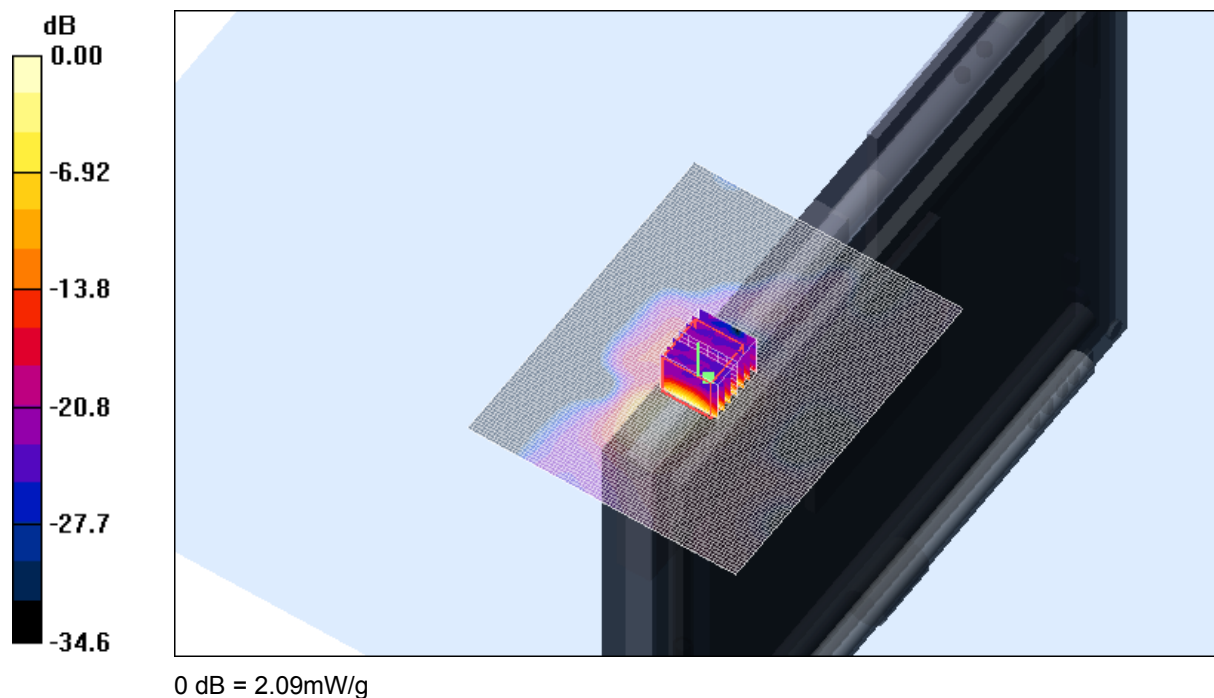
Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 15.8 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 4.29 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 2.09 mW/g



SAR MEASUREMENT PLOT 9

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
58.0 %

Test Date: 2 March 2006

File Name: [Edge On OFDM 5.77 GHz Versalium Antenna Main Bluetooth Off 02-03-06.da4](#)

DUT: Fujitsu Tablet Versalium with Golan 11abg and Bluetooth; Type: WM3945ABG; Serial: 028CCF455CVD26533003

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

* Medium parameters used: $\sigma = 6.42636$ mho/m, $\epsilon_r = 48.6973$; $\rho = 1000$ 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) = 1.89 mW/g

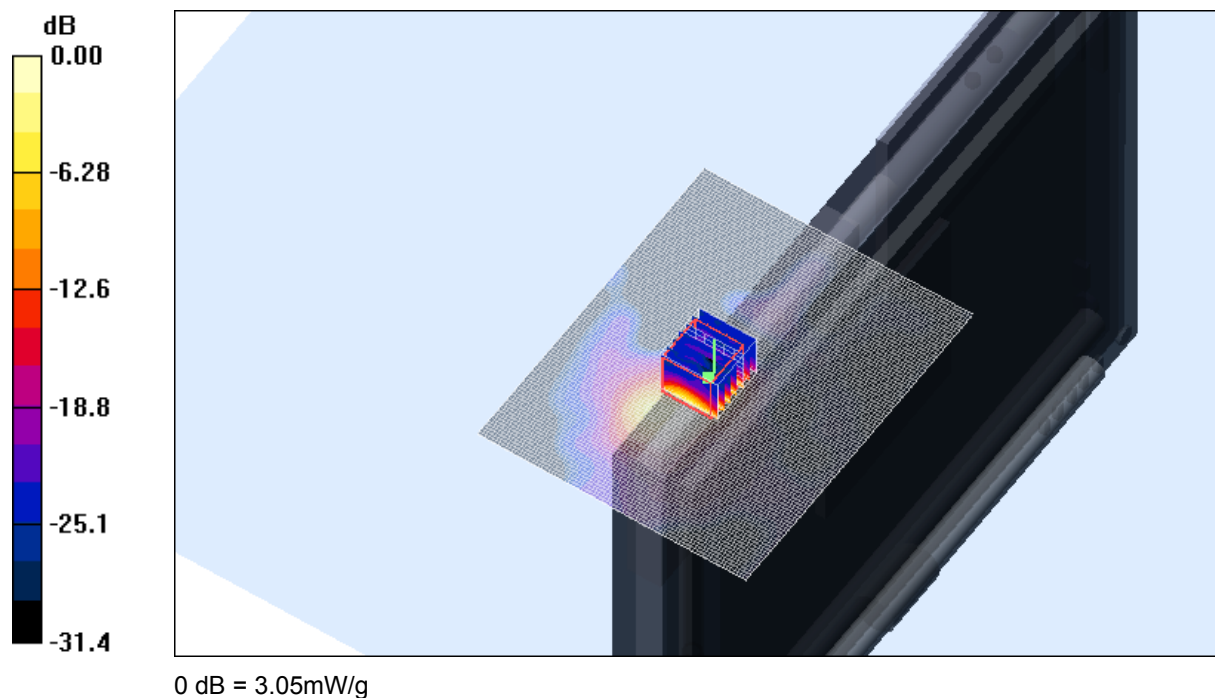
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 16.0 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 6.46 W/kg

SAR(1 g) = 1.51 mW/g; SAR(10 g) = 0.448 mW/g

Maximum value of SAR (measured) = 3.05 mW/g



SAR MEASUREMENT PLOT 10

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
58.0 %

Test Date: 2 March 2006

File Name: [Edge On OFDM 5.77 GHz Versalium Antenna Main Bluetooth Off 02-03-06.da4](#)

DUT: Fujitsu Tablet Versalium with Golan 11abg and Bluetooth; Type: WM3945ABG; Serial: 028CCF455CVD26533003

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

* Medium parameters used: $\sigma = 6.4944$ mho/m, $\epsilon_r = 48.4501$; $\rho = 1000$ 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) = 1.68 mW/g

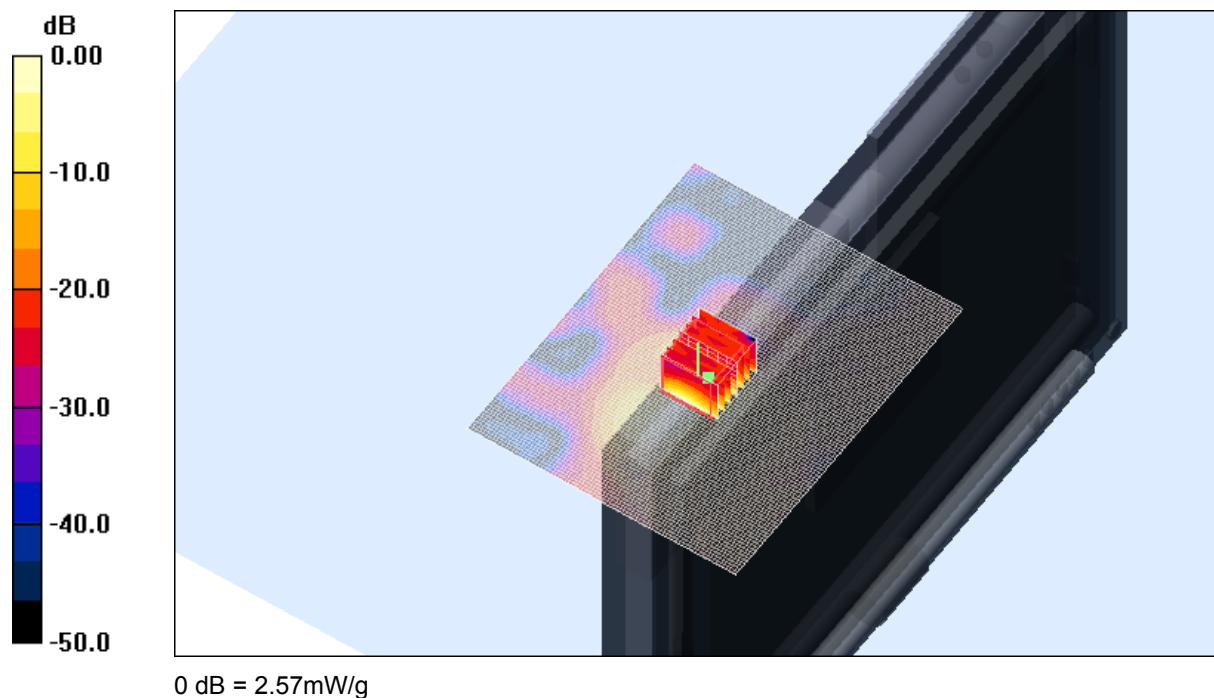
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 18.0 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 5.24 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 2.57 mW/g



SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
58.0 %

Test Date: 2 March 2006

File Name: [Edge On OFDM 5.77 GHz Versalius Antenna Aux Bluetooth Off 02-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Golan 11abg and Bluetooth; Type: WM3945ABG; Serial: 028CCF455CVD26533003

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

* Medium parameters used: $\sigma = 6.42636$ mho/m, $\epsilon_r = 48.6973$; $\rho = 1000$ 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) = 0.940 mW/g

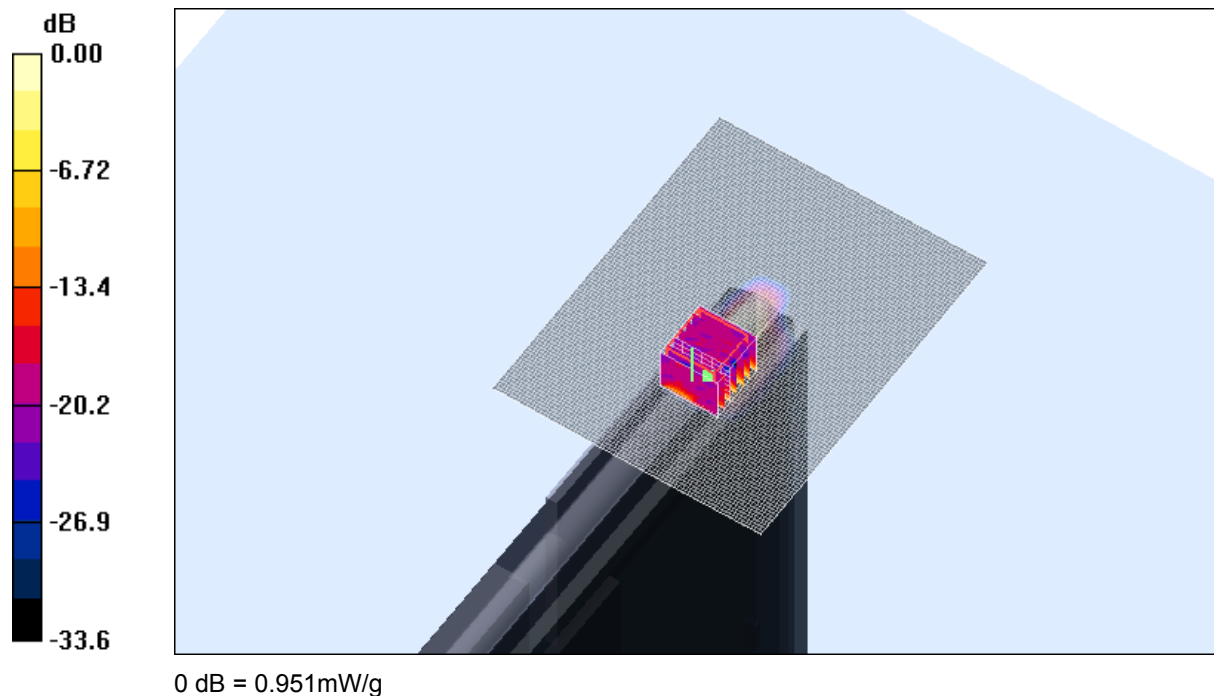
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 13.4 V/m; Power Drift = -0.193 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.951 mW/g

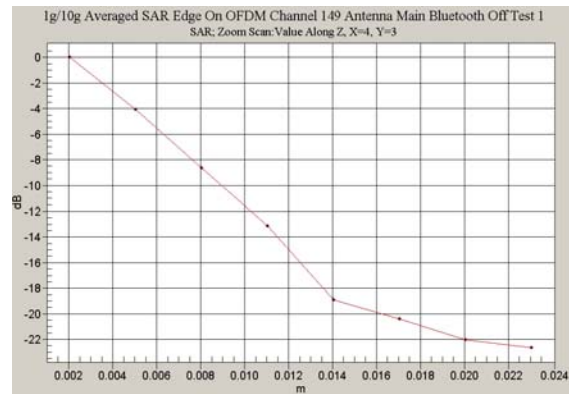


SAR MEASUREMENT PLOT 12

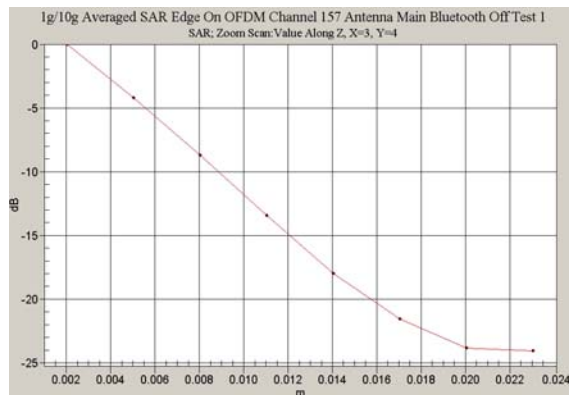
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
58.0 %

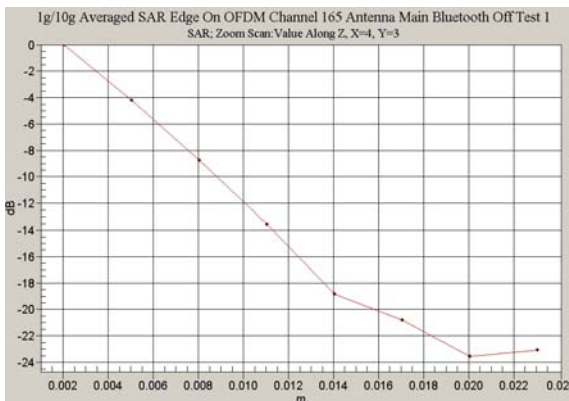
Z-Axis Graph for Plot 9



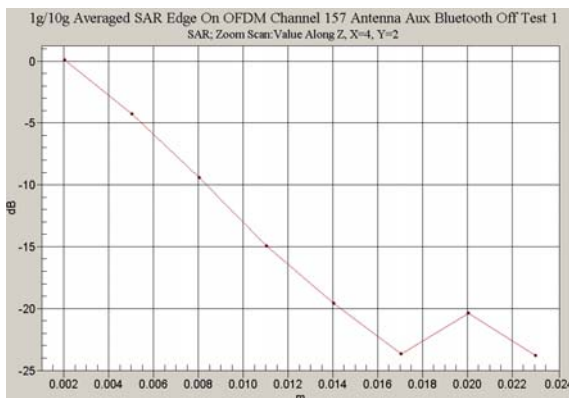
Z-Axis Graph for Plot 10



Z-Axis Graph for Plot 11



Z-Axis Graph for Plot 12



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Test Date: 1 March 2006

File Name: [Arm Held OFDM 5.77 GHz Versalius Antenna Main Bluetooth On 01-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Golan 11abg and Bluetooth; Type: WM3945ABG; Serial: 028CCF455CVD26533003

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

* Medium parameters used: $\sigma = 6.21696$ mho/m, $\epsilon_r = 47.4207$; $\rho = 1000$ 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) = 1.18 mW/g

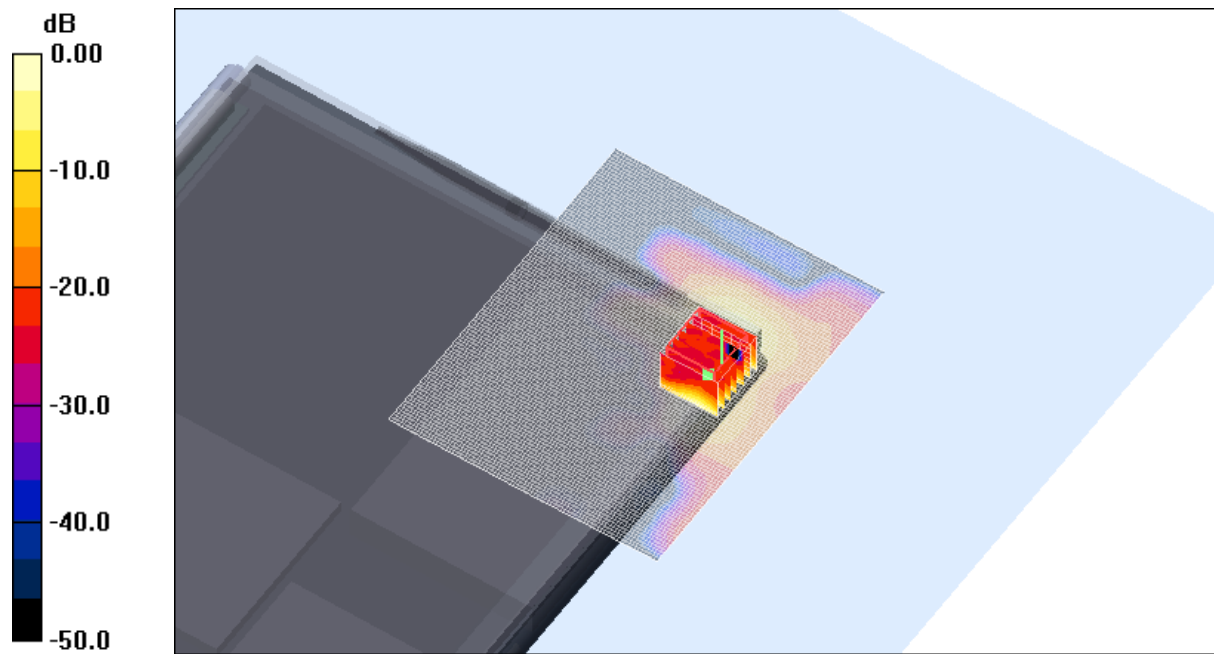
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 13.8 V/m; Power Drift = -0.190 dB

Peak SAR (extrapolated) = 4.48 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.307 mW/g

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



0 dB = 2.15mW/g

SAR MEASUREMENT PLOT 13

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
19.8 Degrees Celsius
56.0 %

Test Date: 2 March 2006

File Name: [Arm Held OFDM 5.77 GHz Versalius Antenna Aux Bluetooth On 02-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Golan 11abg and Bluetooth; Type: WM3945ABG; Serial: 028CCF455CVD26533003

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

* Medium parameters used: $\sigma = 6.42636$ mho/m, $\epsilon_r = 48.6973$; $\rho = 1000$ 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) = 1.02 mW/g

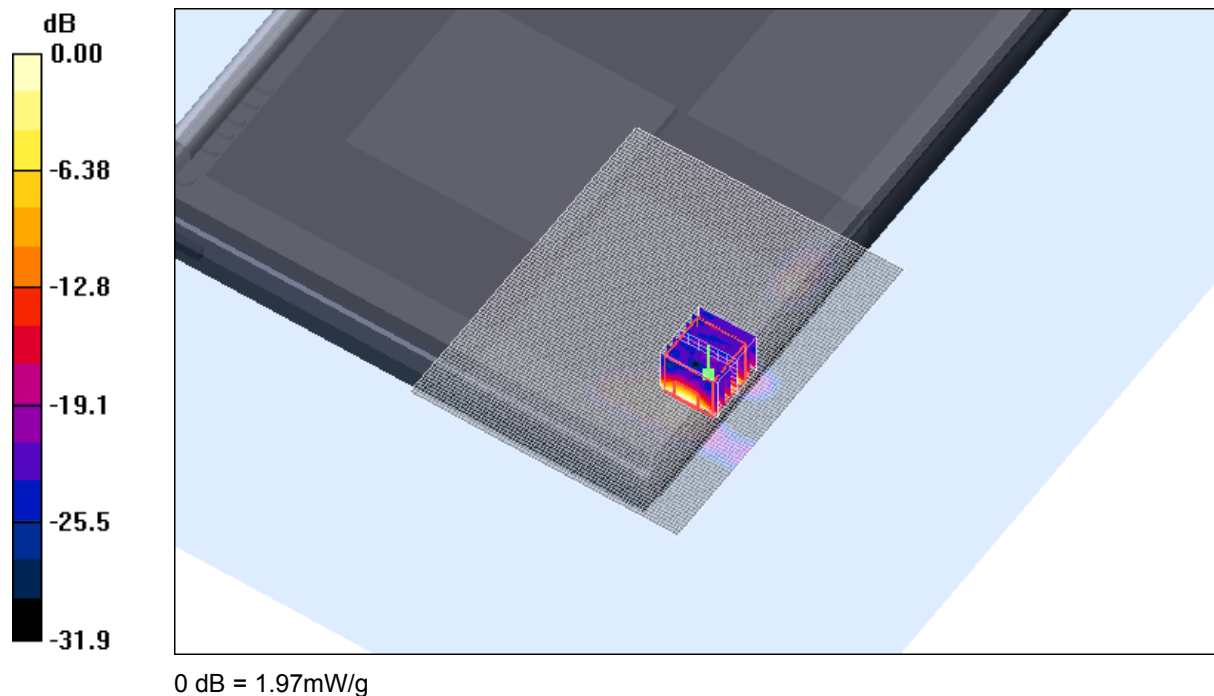
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 13.2 V/m; Power Drift = -0.246 dB

Peak SAR (extrapolated) = 4.32 W/kg

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.236 mW/g

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



SAR MEASUREMENT PLOT 14

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
58.0 %

Test Date: 2 March 2006

File Name: [Edge On OFDM 5.77 GHz Versalius Antenna Main Bluetooth On 02-03-06.da4](#)

DUT: Fujitsu Tablet Versalius with Golan 11abg and Bluetooth; Type: WM3945ABG; Serial: 028CCF455CVD26533003

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

* Medium parameters used: $\sigma = 6.42636$ mho/m, $\epsilon_r = 48.6973$; $\rho = 1000$ 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) = 1.37 mW/g

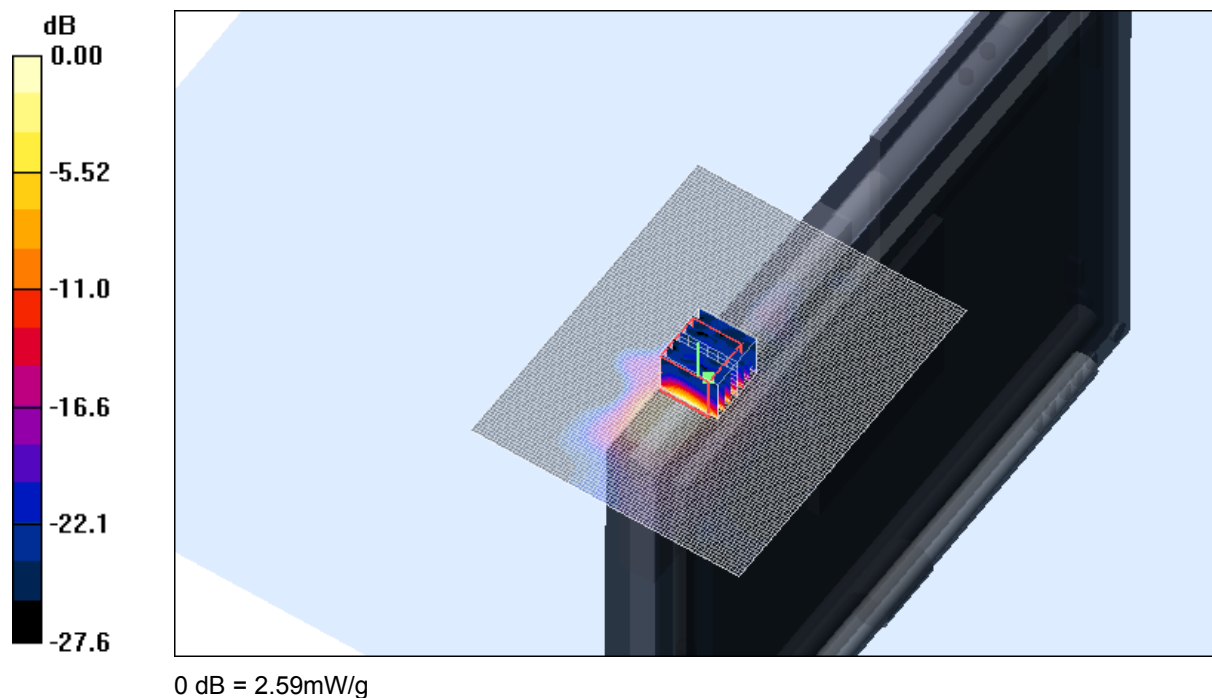
Channel 157 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 12.4 V/m; Power Drift = -0.240 dB

Peak SAR (extrapolated) = 5.25 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 2.59 mW/g

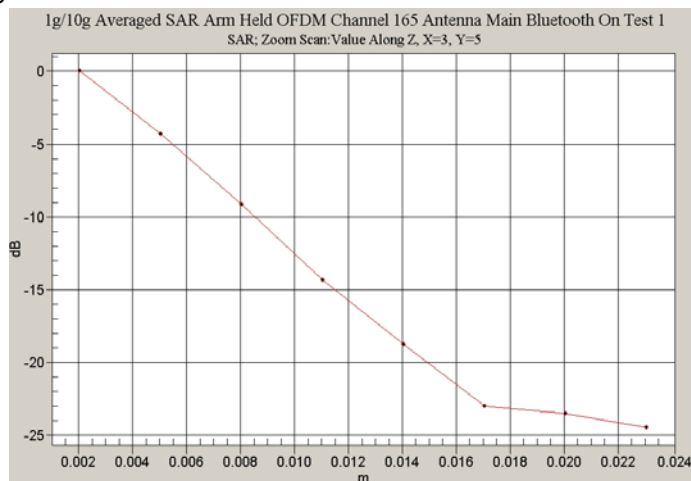


SAR MEASUREMENT PLOT 15

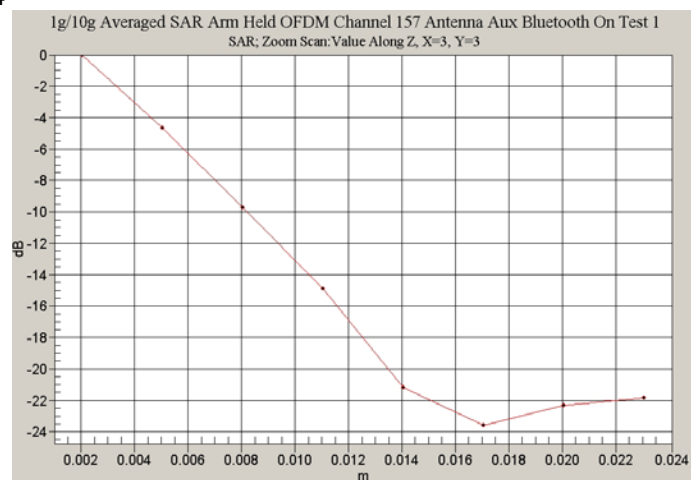
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
58.0 %

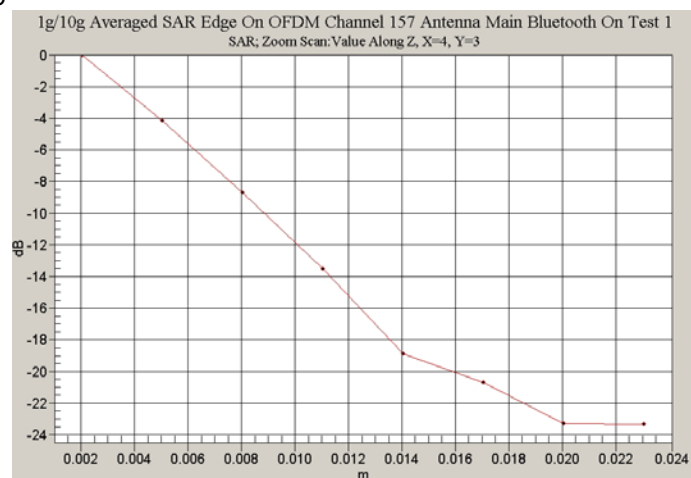
Z-Axis Graph for Plot 13



Z-Axis Graph for Plot 14



Z-Axis Graph for Plot 15



Test Date: 3 March 2006

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

DUT: Fujitsu Tablet Versalius with Golan 11abg and Bluetooth; Type: WM3945ABG; Serial: 028CCF455CVD26533003

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

* Medium parameters used: $\sigma = 5.41532$ mho/m, $\epsilon_r = 50.4286$; $\rho = 1000$ 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 36 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.970 mW/g

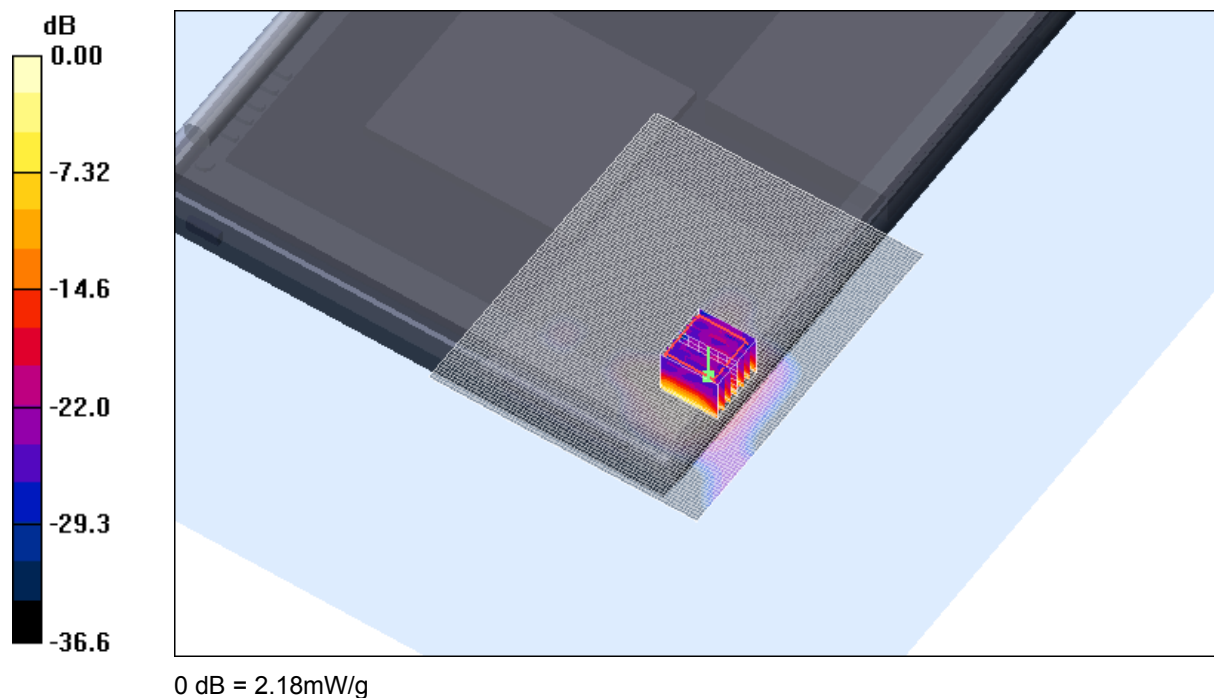
Channel 36 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 14.4 V/m; Power Drift = 0.223 dB

Peak SAR (extrapolated) = 3.92 W/kg

SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 2.18 mW/g



SAR MEASUREMENT PLOT 16

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.8 Degrees Celsius
57.0 %

Test Date: 3 March 2006

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

DUT: Fujitsu Tablet Versalius with Golan 11abg and Bluetooth; Type: WM3945ABG; Serial: 028CCF455CVD26533003

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

* Medium parameters used: $\sigma = 5.60158$ mho/m, $\epsilon_r = 50.1824$; $\rho = 1000$ 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) = 0.897 mW/g

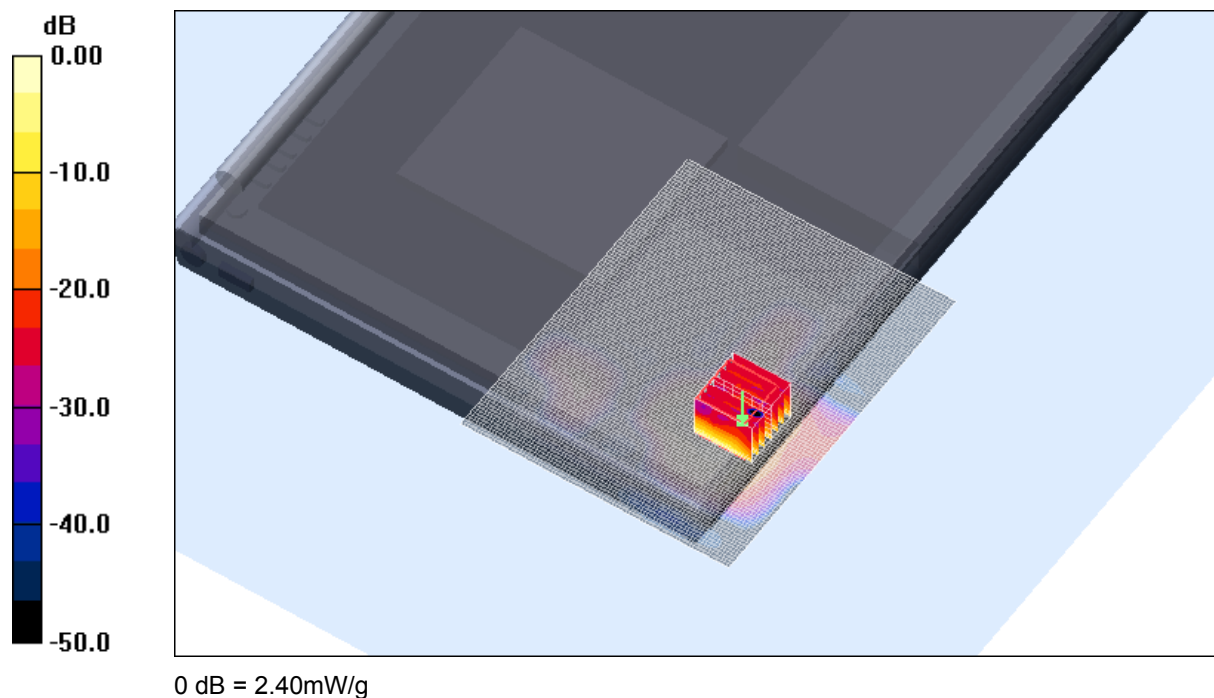
Channel 52 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 16.5 V/m; Power Drift = 0.206 dB

Peak SAR (extrapolated) = 4.36 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 2.40 mW/g



SAR MEASUREMENT PLOT 17

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.8 Degrees Celsius
57.0 %

Test Date: 3 March 2006

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

DUT: Fujitsu Tablet Versalius with Golan 11abg and Bluetooth; Type: WM3945ABG; Serial: 028CCF455CVD26533003

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

* Medium parameters used: $\sigma = 5.71477$ mho/m, $\epsilon_r = 49.994$; $\rho = 1000$ 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) = 1.27 mW/g

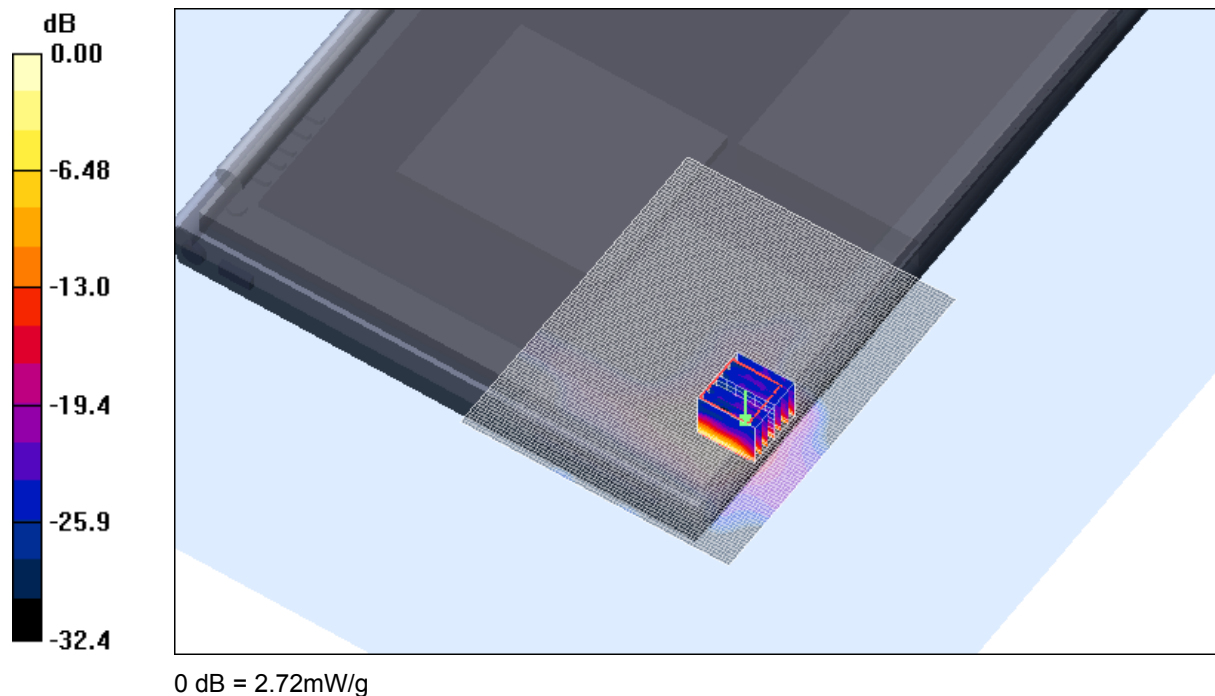
Channel 64 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 16.7 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 5.01 W/kg

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.368 mW/g

Maximum value of SAR (measured) = 2.72 mW/g

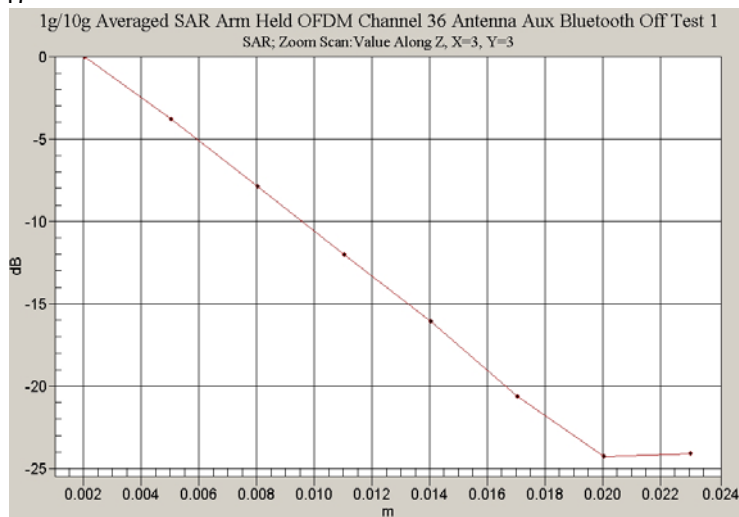


SAR MEASUREMENT PLOT 18

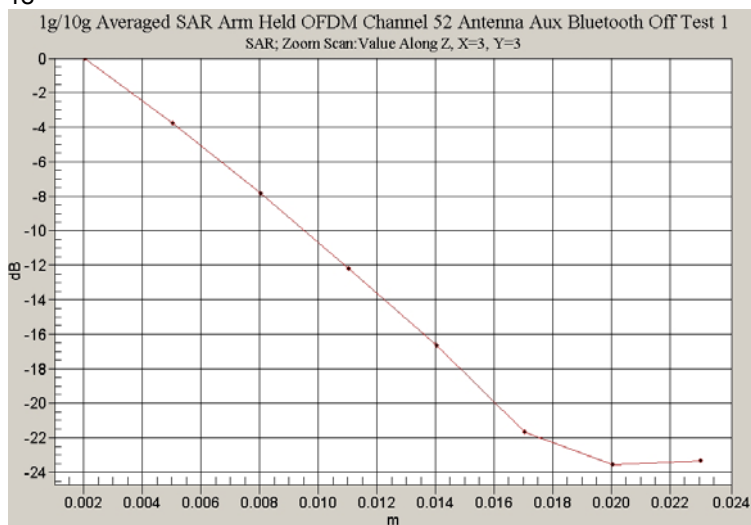
Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.8 Degrees Celsius
57.0 %

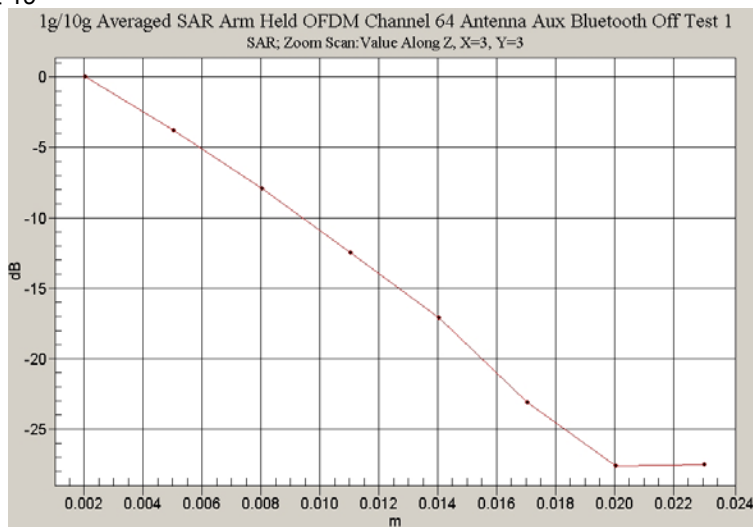
Z-Axis Graph for Plot 17



Z-Axis Graph for Plot 18



Z-Axis Graph for Plot 19



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