# APPENDIX B PLOTS OF THE SAR MEASUREMENTS

Plots of the measured SAR distributions inside the phantom are given in this Appendix for all tested configurations.

**Table 26: 5200 MHz Band SAR Measurement Plot Numbers**

| Test Position | Plot No. | Ant | Bit rate Mode (Mbps) | Channel Bandwidth (MHz) | Test Channel |
|---|---|---|---|---|---|
| Tablet | 1 | A | 6 | - | 48 |
| Tablet | 2 | B | 6 | - | 48 |
| | | | | | |
| Edge on Secondary Portrait | - | A | 6 | - | 48 |
| | | | | | |
| Edge on Primary Portrait | 3 | B | 6 | - | 36 |
| | 4 | | | | 48 |
| | 5 | | | | 52 |
| | 6 | | | | 64 |
| | | | | | |
| Edge on Secondary Landscape | 7 | A | 6 | - | 36 |
| | 8 | | | | 48 |
| | 9 | | | | 52 |
| | 10 | | | | 64 |
| | | | | | |
| Edge on Secondary Landscape | 11 | B | 6 | - | 36 |
| | 12 | | | | 48 |
| | 13 | | | | 52 |
| | 14 | | | | 64 |

**Table 27: 5600 MHz Band SAR Measurement Plot Numbers**

| Test Position | Plot No. | Ant | Bit rate Mode (Mbps) | Channel Bandwidth (MHz) | Test Channel |
|---|---|---|---|---|---|
| Tablet | 15 | A | 6 | - | 124 |
| | 16 | B | 6 | - | 124 |
| | | | | | |
| Lap held | - | A | 6 | - | 124 |
| | - | B | | | 124 |
| Edge on Secondary Portrait | - | A | 6 | - | 124 |
| | | | | | |
| Edge on Primary Portrait | 17 | B | 6 | - | 104 |
| | 18 | | | | 116 |
| | 19 | | | | 124 |
| | 20 | | | | 136 |
| | | | | | |
| Edge on Secondary Landscape | 21 | A | 6 | - | 104 |
| | 22 | | | | 116 |
| | 23 | | | | 124 |
| | 24 | | | | 136 |
| | | | | | |
| Edge on Secondary Landscape | 25 | B | 6 | - | 104 |
| | 26 | | | | 116 |
| | 27 | | | | 124 |
| | 28 | | | | 136 |

**Table 28: 5800 MHz Band SAR Measurement Plot Numbers**

| Test Position | Plot No. | Ant | Bit rate Mode (Mbps) | Channel Bandwidth (MHz) | Test Channel |
|---|---|---|---|---|---|
| Tablet | 29 | A | 6 | - | 157 |
| | 30 | B | 6 | - | 157 |
| | | | | | |
| Edge on Secondary Portrait | 31 | A | 6 | - | 157 |
| | | | | | |
| Edge on Primary Portrait | 32 | B | 6 | - | 157 |
| | | | | | |
| Edge on Secondary Landscape | 33 | A | 6 | - | 149 |
| | 34 | | | | 157 |
| | 35 | | | | 165 |
| | | | | | |
| Edge on Secondary Landscape | 36 | B | 6 | - | 149 |
| | 37 | | | | 157 |
| | 38 | | | | 165 |

**Table 29: System verification Plots**

| | |
|---|---|
| Plot 39 | System verification 5800 MHz 2nd September 2010 |
| | |
| Plot 40 | System verification 5500 MHz 3rd September 2010 |
| | |
| Plot 41 | System verification 5500 MHz 6th September 2010 |
| | |
| Plot 42 | System verification 5200 MHz 8th September 2010 |
| | |
| Plot 43 | System verification 5200 MHz 9th September 2010 |
| | |
| Plot 44 | System verification 5500 MHz 17th September 2010 |
| | |

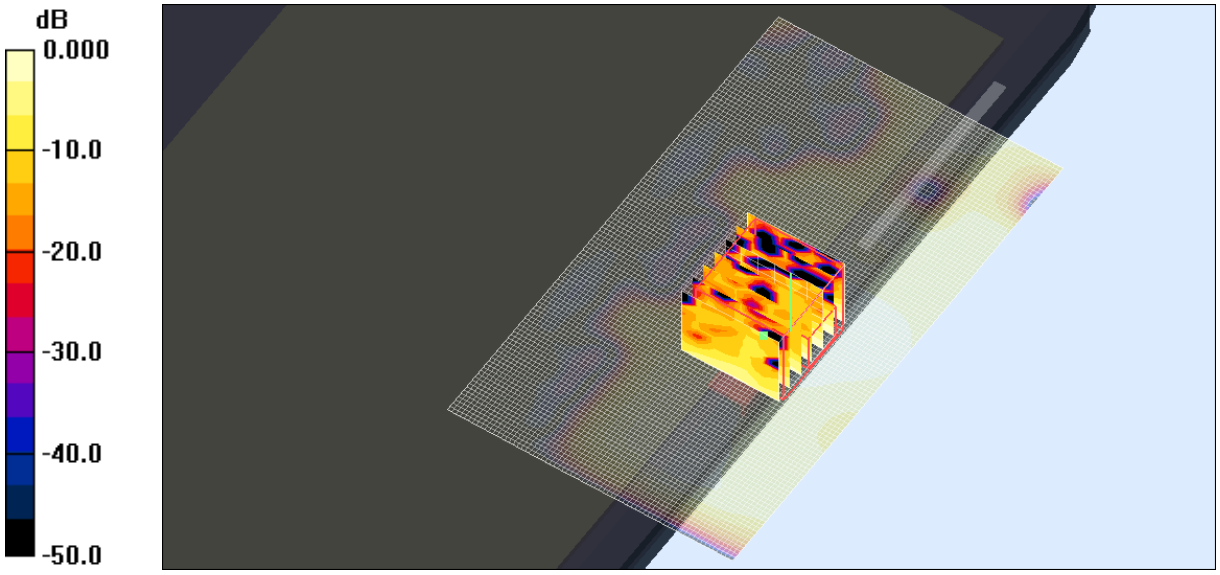
## Test Date: 8 September 2010

File Name: M100859 Tablet OFDM 5.2 GHz WiFi Antenna A (1) 08-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5240 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5242.6 MHz; $\sigma$ = 5.49 mho/m; $\varepsilon_r$ = 44.8; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 48 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.140 mW/g

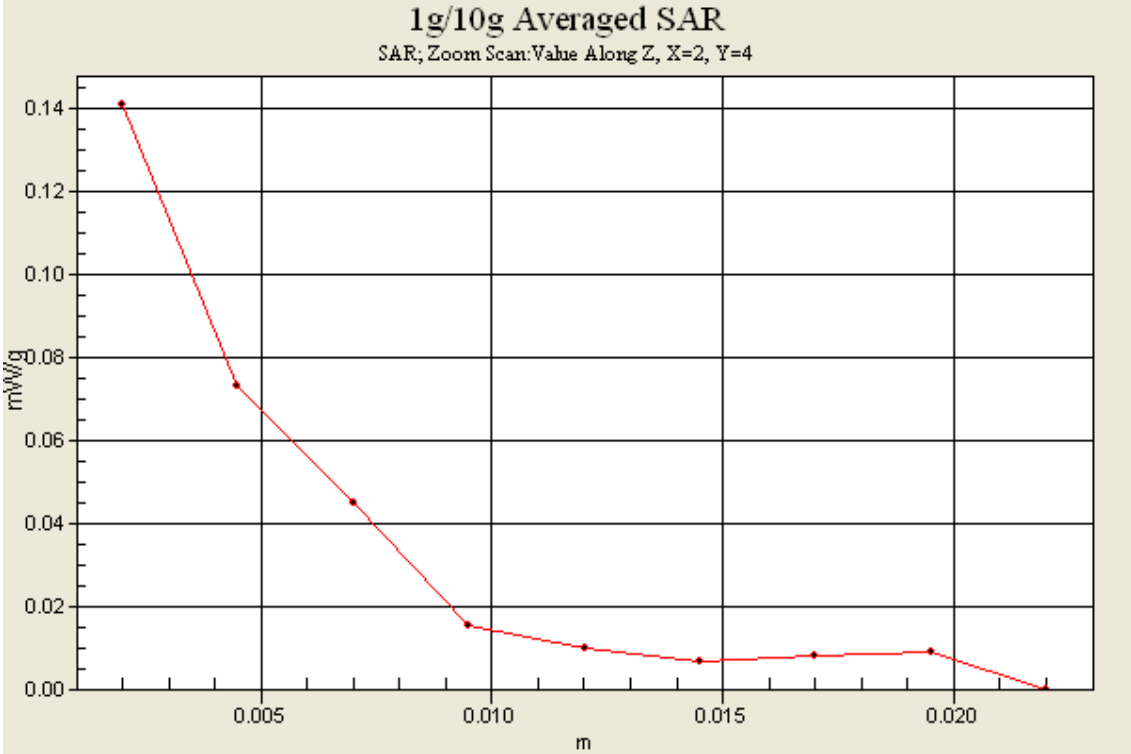
**Channel 48 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.11 V/m; Power Drift = -0.489 dB
Peak SAR (extrapolated) = 0.232 W/kg
**SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.025 mW/g**
Maximum value of SAR (measured) = 0.141 mW/g




0 dB = 0.141mW/g

SAR MEASUREMENT PLOT 1

| | |
|---|---|
| **Ambient Temperature** | **21.7 Degrees Celsius** |
| **Liquid Temperature** | **21.5 Degrees Celsius** |
| **Humidity** | **36.0 %** |



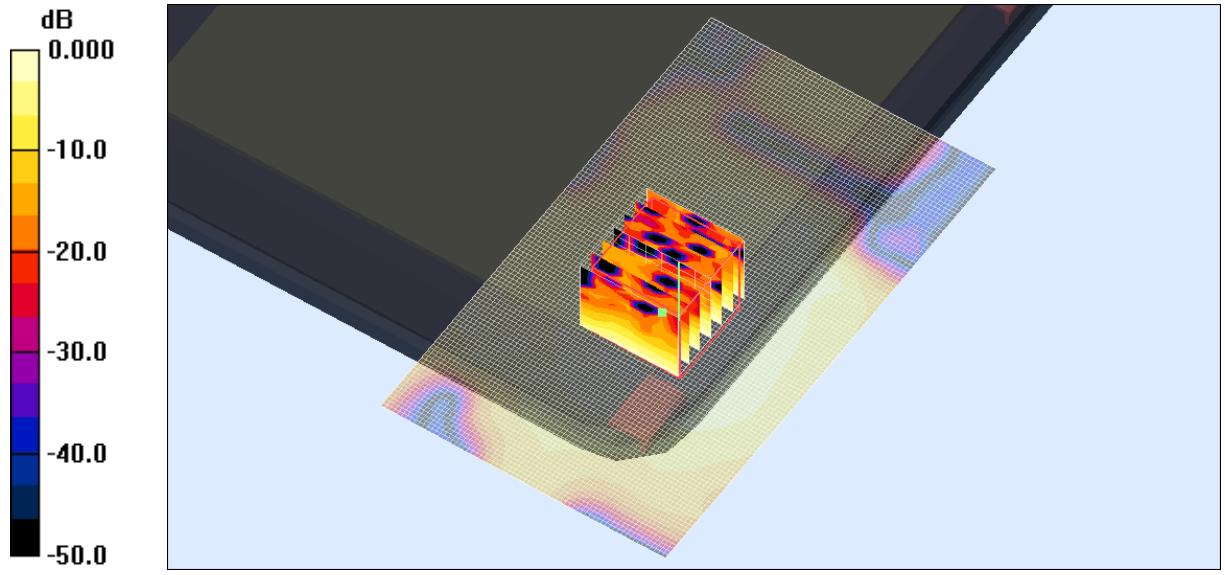
## Test Date: 8 September 2010

File Name: M100859 Tablet OFDM 5.2 GHz WiFi Antenna B (2) 08-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5240 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5242.6 MHz; $\sigma$ = 5.49 mho/m; $\varepsilon_r$ = 44.8; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 48 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.403 mW/g

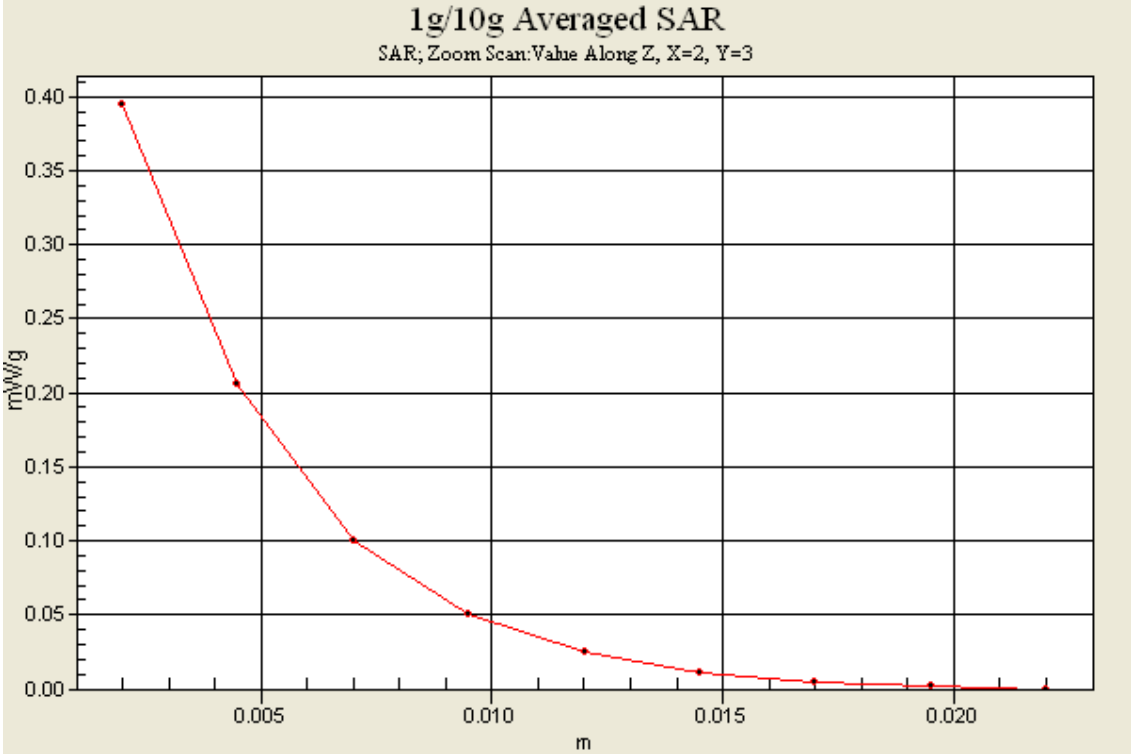
**Channel 48 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.94 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.619 W/kg
**SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.087 mW/g**
Maximum value of SAR (measured) = 0.395 mW/g




0 dB = 0.395mW/g

SAR MEASUREMENT PLOT 2

| | |
|---|---|
| **Ambient Temperature** | **21.7 Degrees Celsius** |
| **Liquid Temperature** | **21.5 Degrees Celsius** |
| **Humidity** | **36.0 %** |

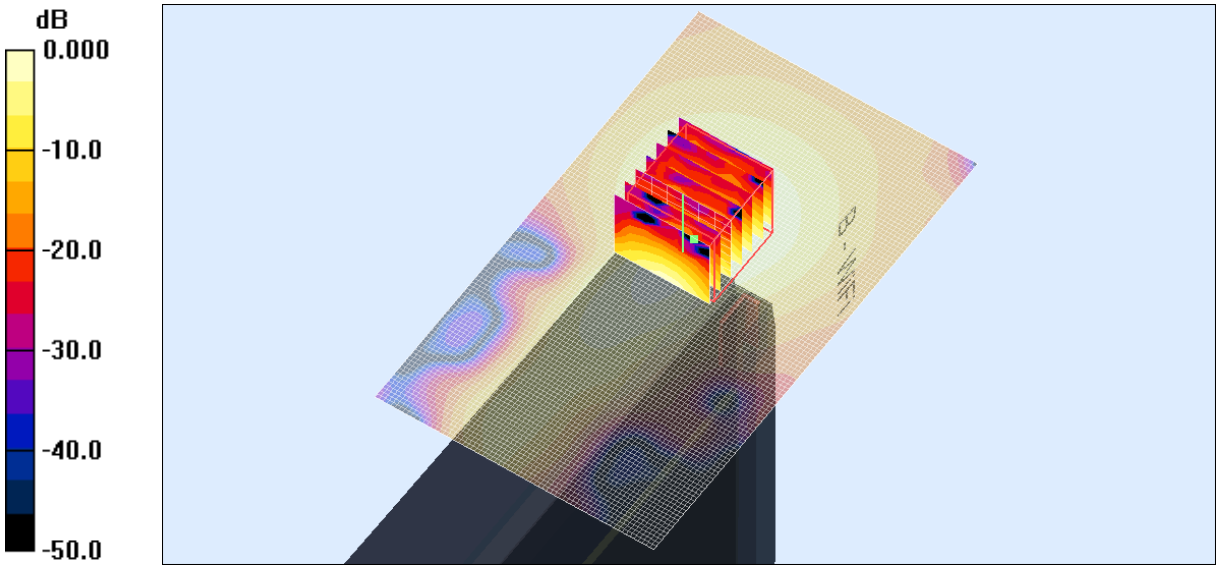


Test Date: 8 September 2010
File Name: M100859 Primary Portrait OFDM 5.2 GHz WiFi Antenna B (2) 08-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5183.2 MHz; $\sigma$ = 5.4 mho/m; $\varepsilon_r$ = 44.9; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 36 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.28 mW/g

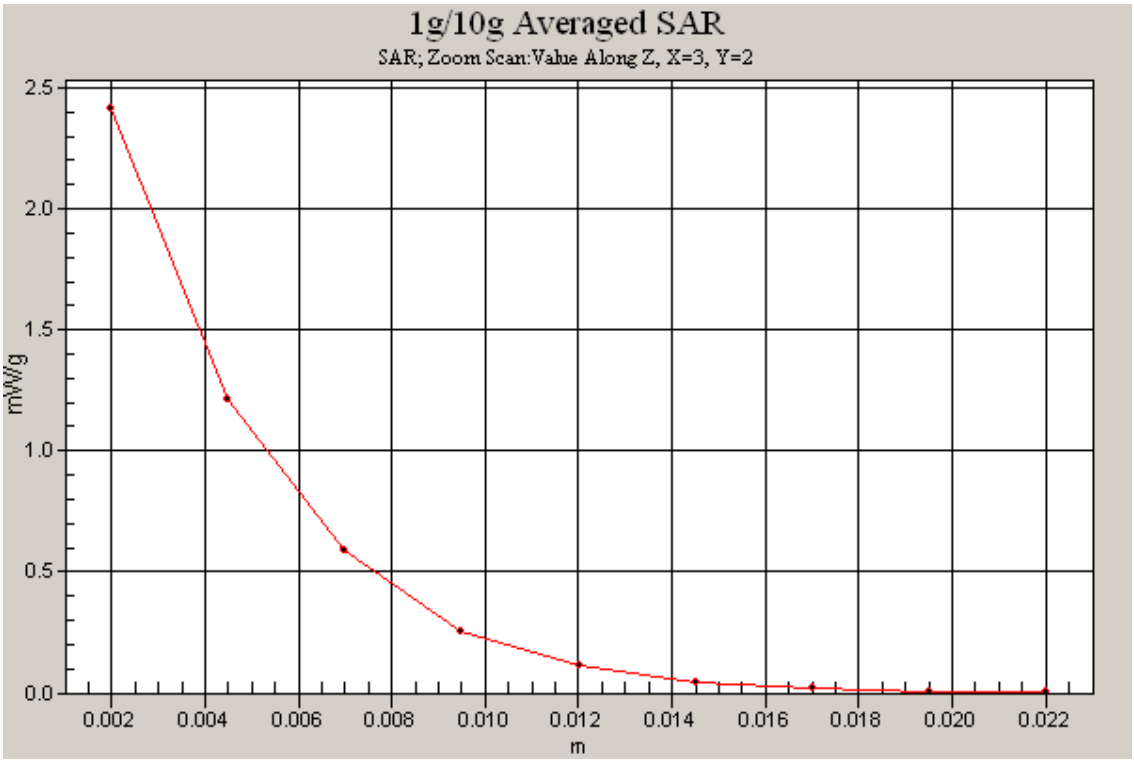
**Channel 36 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 13.9 V/m; Power Drift = -0.382 dB
Peak SAR (extrapolated) = 4.36 W/kg
**SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.449 mW/g**
Maximum value of SAR (measured) = 2.41 mW/g




0 dB = 2.41mW/g

SAR MEASUREMENT PLOT 3

| | |
|---|---|
| **Ambient Temperature** | **21.7 Degrees Celsius** |
| **Liquid Temperature** | **21.5 Degrees Celsius** |
| **Humidity** | **36.0 %** |

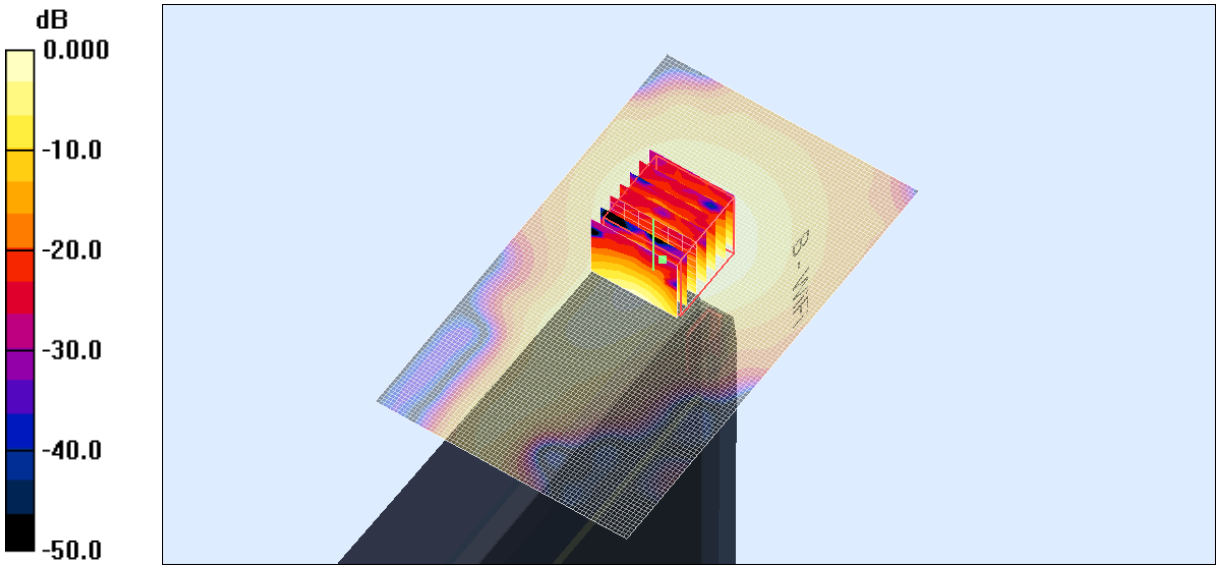


Test Date: 8 September 2010
File Name: M100859 Primary Portrait OFDM 5.2 GHz WiFi Antenna B (2) 08-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5240 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5242.6 MHz; $\sigma$ = 5.49 mho/m; $\varepsilon_r$ = 44.8; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 48 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.09 mW/g

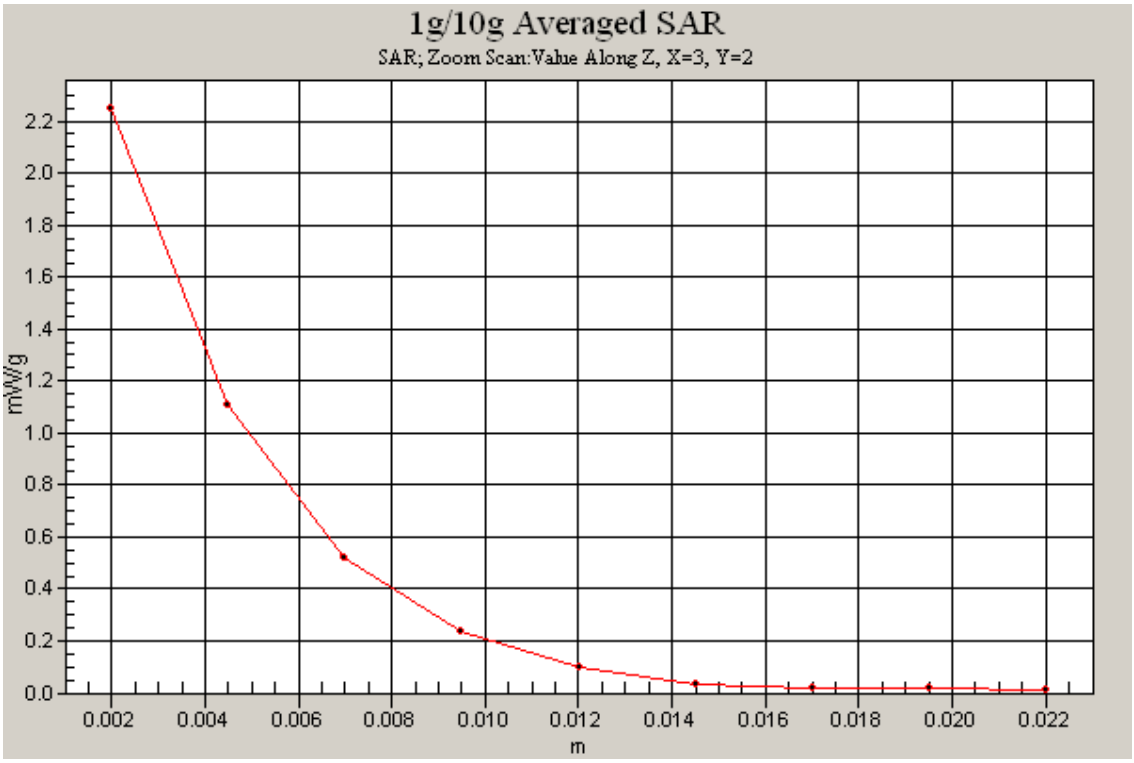
**Channel 48 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 12.3 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 4.06 W/kg
**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.403 mW/g**
Maximum value of SAR (measured) = 2.25 mW/g




0 dB = 2.25mW/g

SAR MEASUREMENT PLOT 4

| | |
|---|---|
| **Ambient Temperature** | **21.7 Degrees Celsius** |
| **Liquid Temperature** | **21.5 Degrees Celsius** |
| **Humidity** | **36.0 %** |



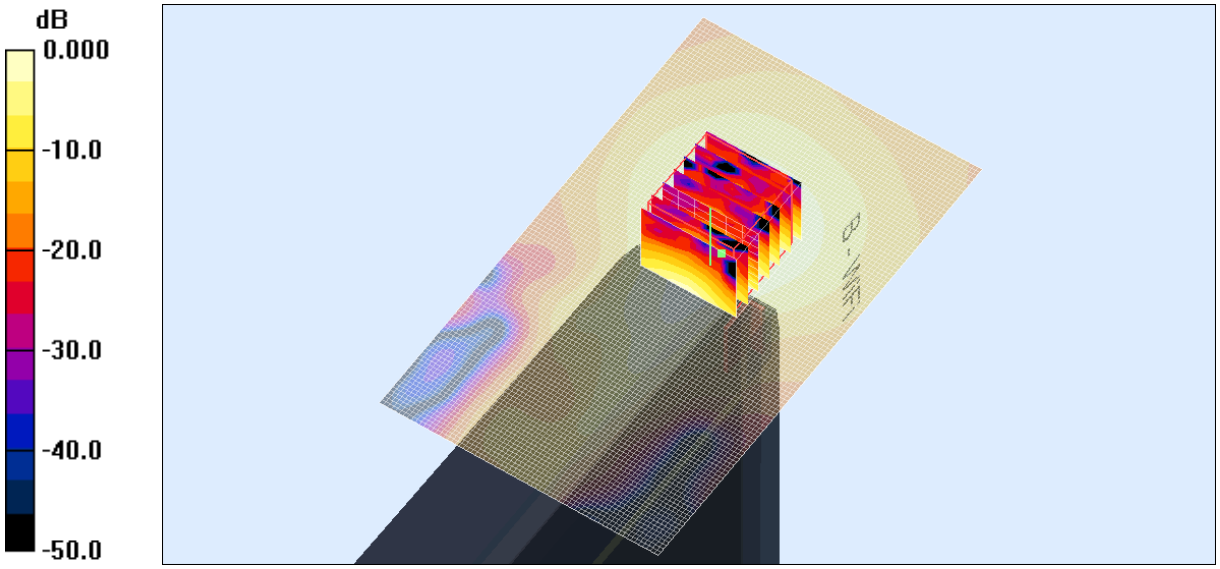
## Test Date: 8 September 2010

File Name: M100859 Primary Portrait OFDM 5.2 GHz WiFi Antenna B (2) 08-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5262.4 MHz; $\sigma$ = 5.53 mho/m; $\varepsilon_r$ = 44.7; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 52 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.96 mW/g

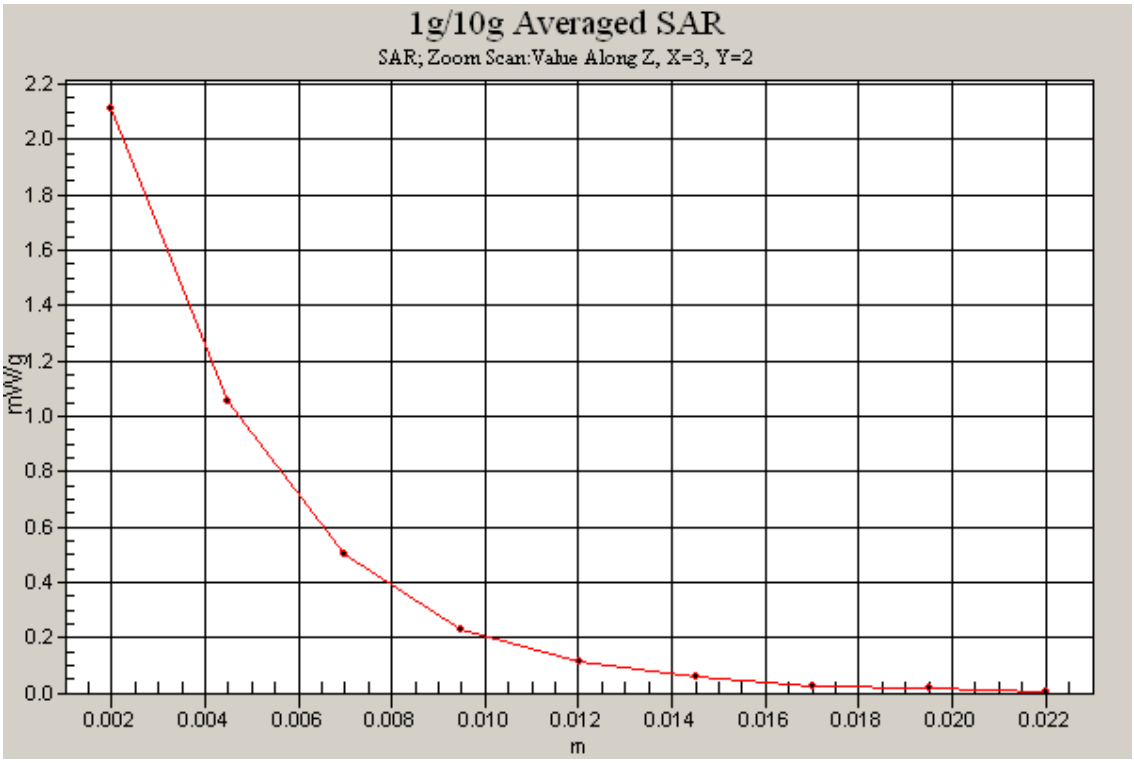
**Channel 52 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 14.9 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 3.75 W/kg
**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.383 mW/g**
Maximum value of SAR (measured) = 2.11 mW/g




0 dB = 2.11mW/g

SAR MEASUREMENT PLOT 5

| | |
|---|---|
| **Ambient Temperature** | **21.7 Degrees Celsius** |
| **Liquid Temperature** | **21.5 Degrees Celsius** |
| **Humidity** | **36.0 %** |

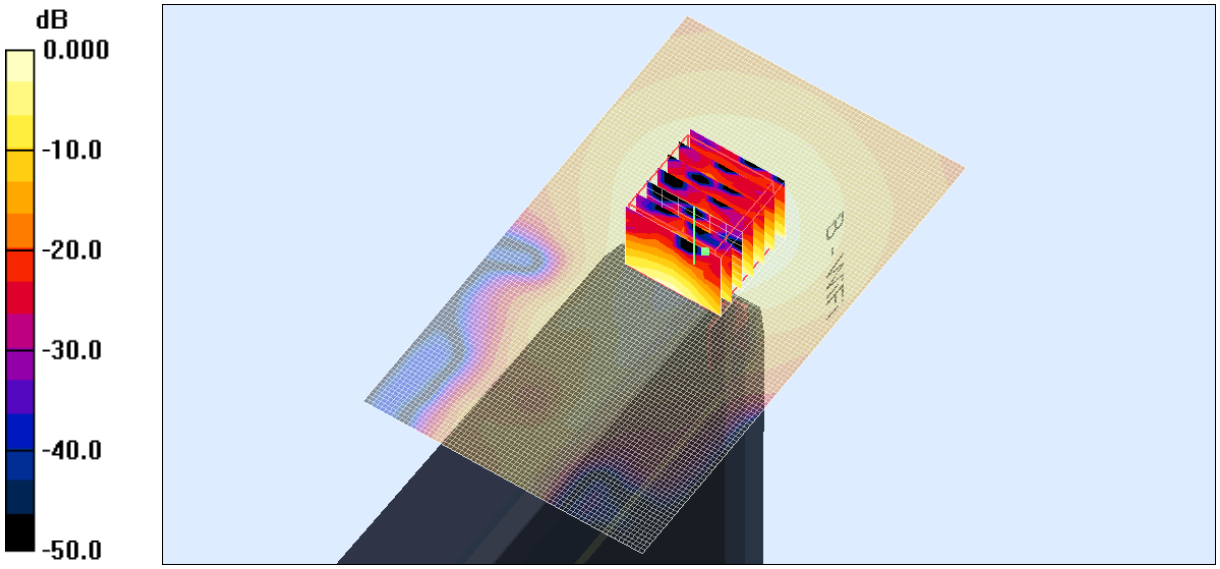


Test Date: 8 September 2010
File Name: M100859 Primary Portrait OFDM 5.2 GHz WiFi Antenna B (2) 08-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5321.8 MHz; $\sigma$ = 5.63 mho/m; $\varepsilon_r$ = 44.5; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 64 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.43 mW/g

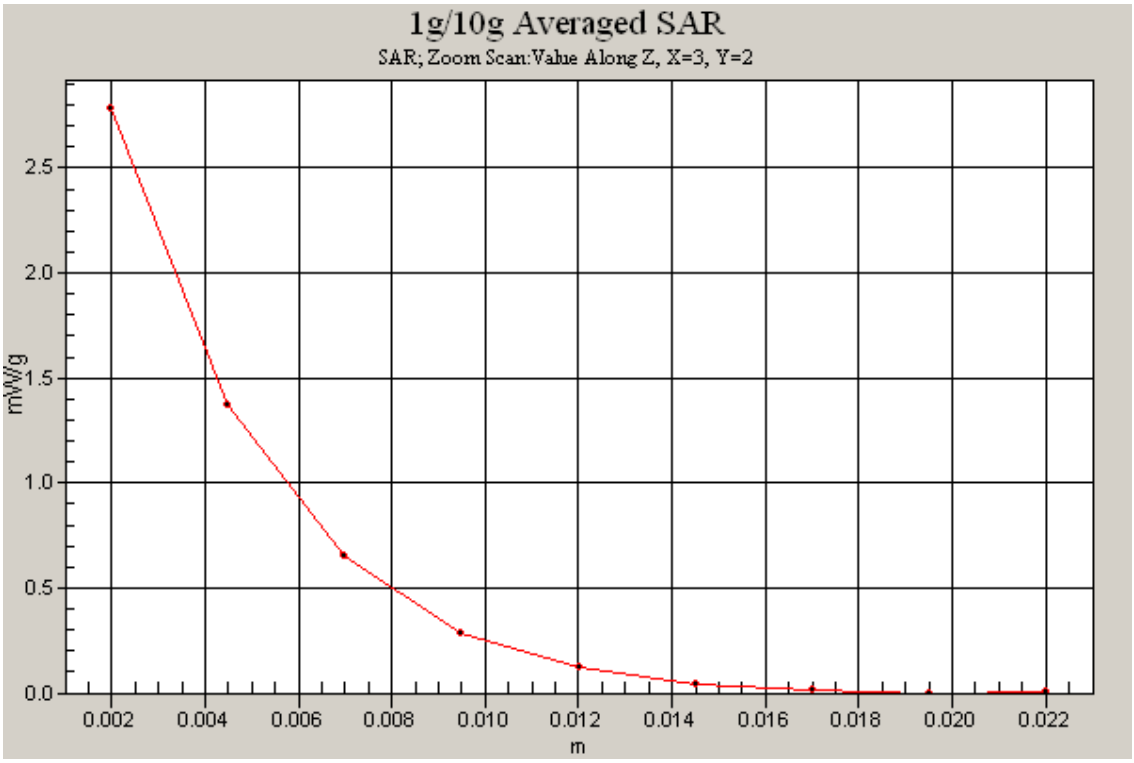
**Channel 64 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 16.8 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 4.97 W/kg
**SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.482 mW/g**
Maximum value of SAR (measured) = 2.78 mW/g




0 dB = 2.78mW/g

SAR MEASUREMENT PLOT 6

| | |
|---|---|
| **Ambient Temperature** | **21.7 Degrees Celsius** |
| **Liquid Temperature** | **21.5 Degrees Celsius** |
| **Humidity** | **36.0 %** |

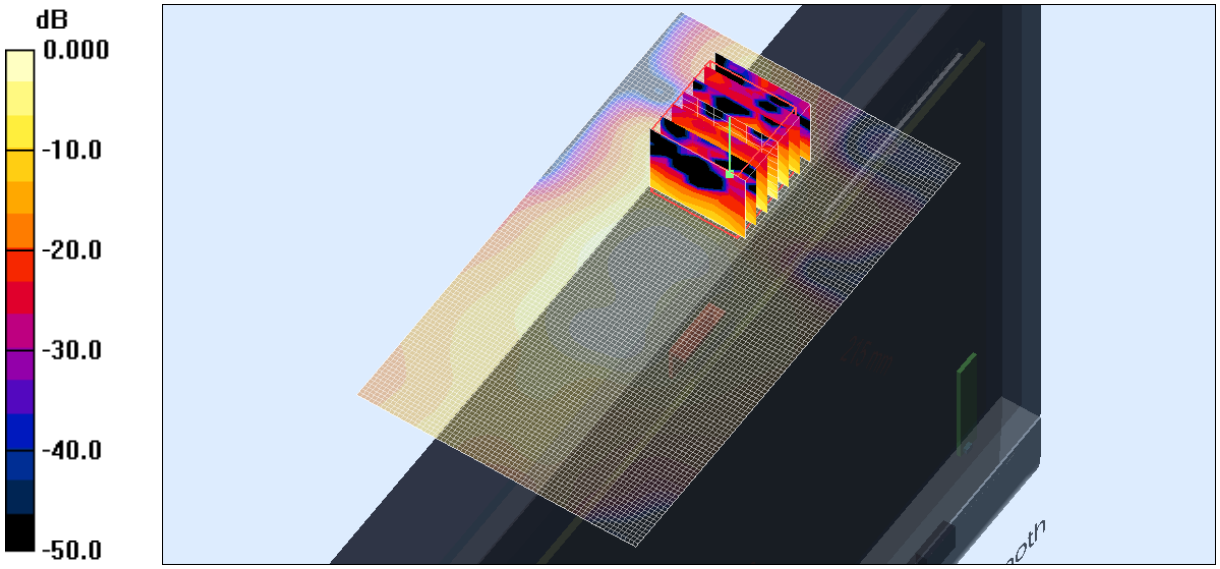


Test Date: 9 September 2010
File Name: M100859 Secondary Landscape OFDM 5.2 GHz WiFi Antenna A (1) 09-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5183.2 MHz; $\sigma$ = 5.2 mho/m; $\varepsilon_r$ = 45.1; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 36 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.74 mW/g

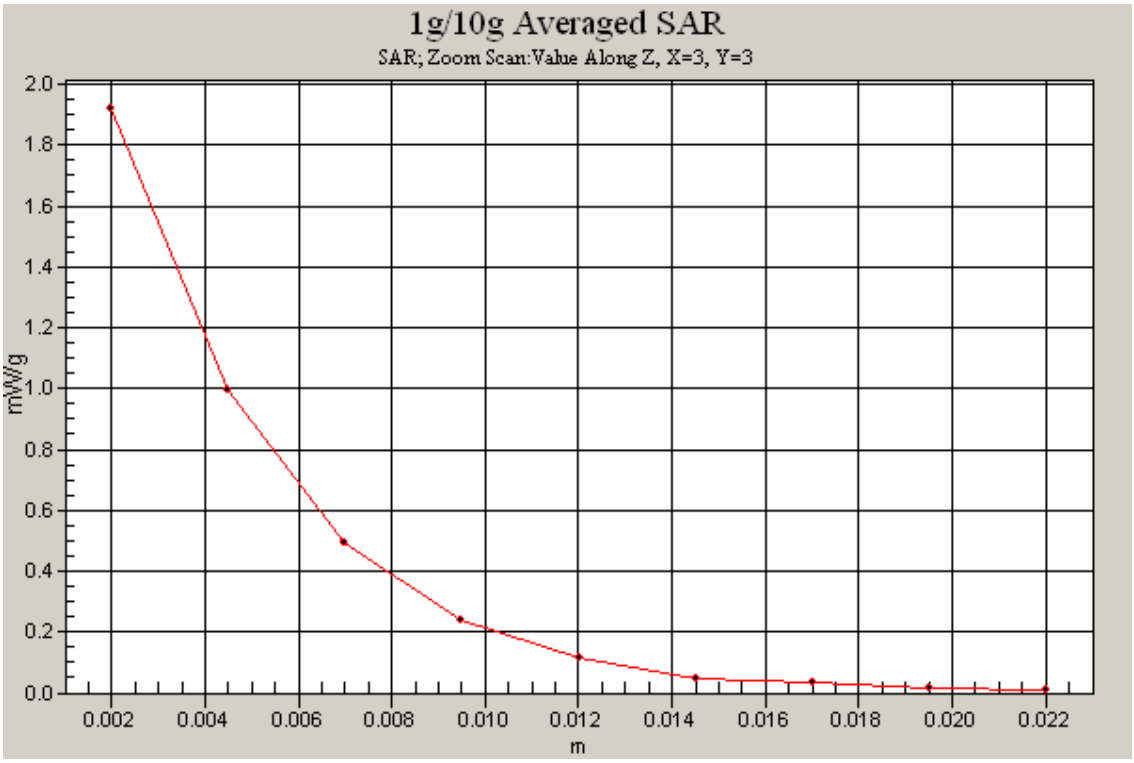
**Channel 36 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 12.0 V/m; Power Drift = -0.231 dB
Peak SAR (extrapolated) = 3.27 W/kg
**SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.232 mW/g**
Maximum value of SAR (measured) = 1.92 mW/g




0 dB = 1.92mW/g

SAR MEASUREMENT PLOT 7

| | |
|---|---|
| **Ambient Temperature** | **20.9 Degrees Celsius** |
| **Liquid Temperature** | **20.7 Degrees Celsius** |
| **Humidity** | **40.0 %** |



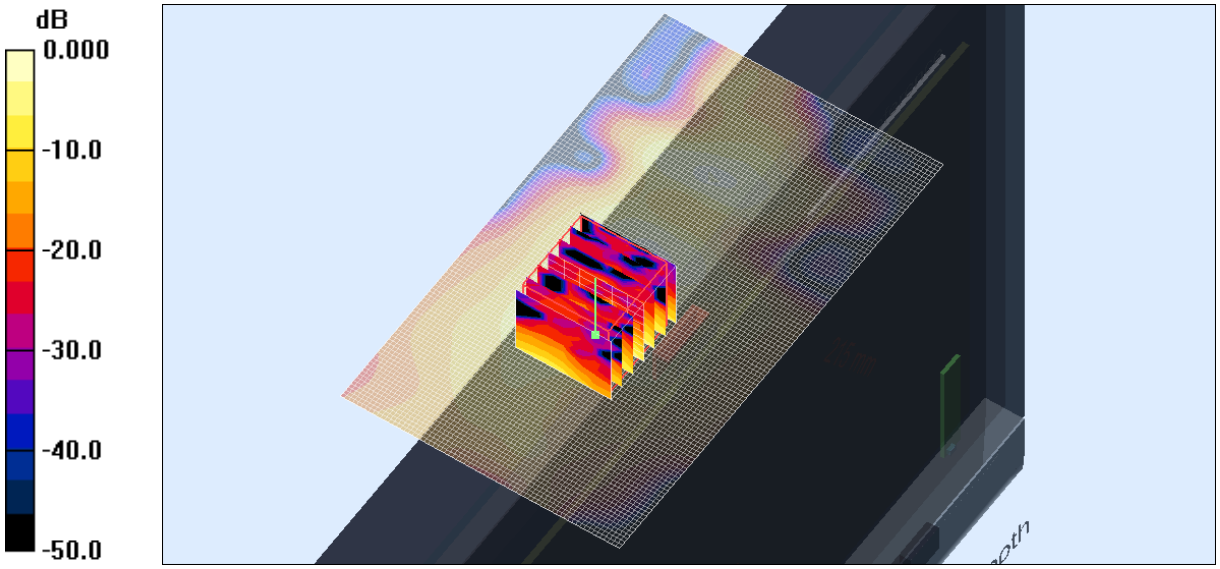
## Test Date: 9 September 2010

File Name: M100859 Secondary Landscape OFDM 5.2 GHz WiFi Antenna A (1) 09-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5240 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5242.6 MHz; $\sigma$ = 5.31 mho/m; $\varepsilon_r$ = 45; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 48 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.63 mW/g

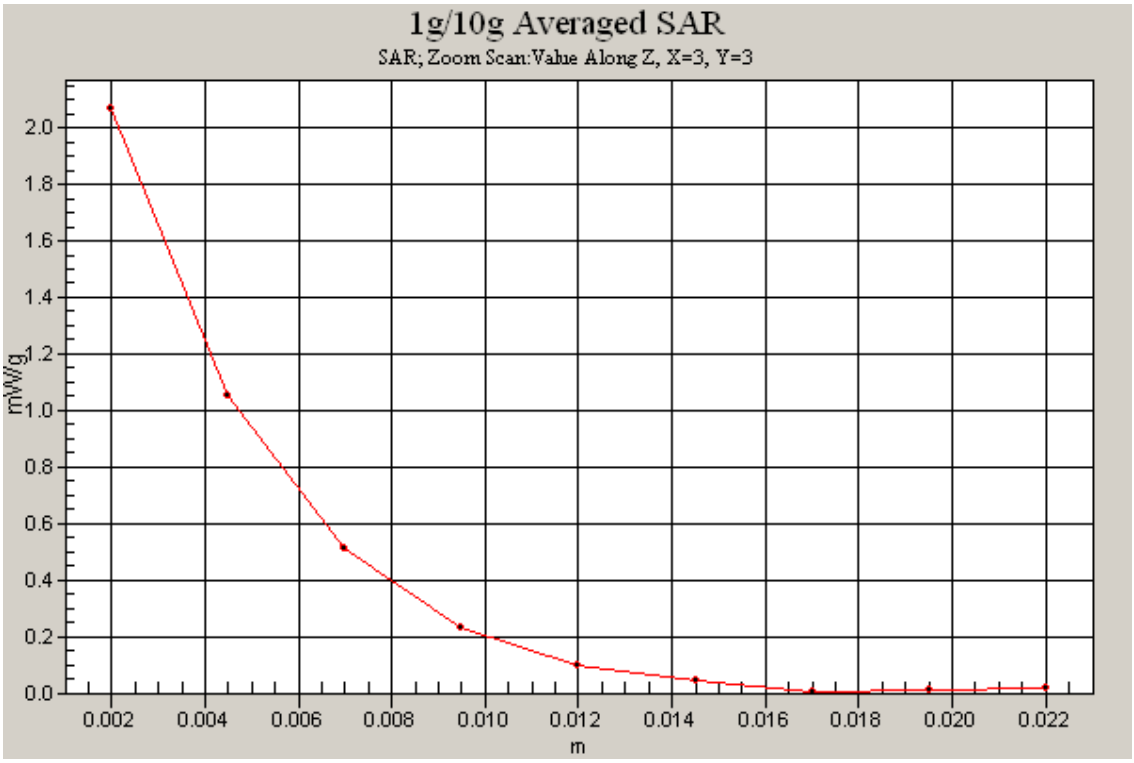
**Channel 48 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.02 V/m; Power Drift = 0.063 dB
Peak SAR (extrapolated) = 3.56 W/kg
**SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.269 mW/g**
Maximum value of SAR (measured) = 2.07 mW/g




0 dB = 2.07mW/g

SAR MEASUREMENT PLOT 8

| | |
|---|---|
| **Ambient Temperature** | **20.9 Degrees Celsius** |
| **Liquid Temperature** | **20.7 Degrees Celsius** |
| **Humidity** | **40.0 %** |



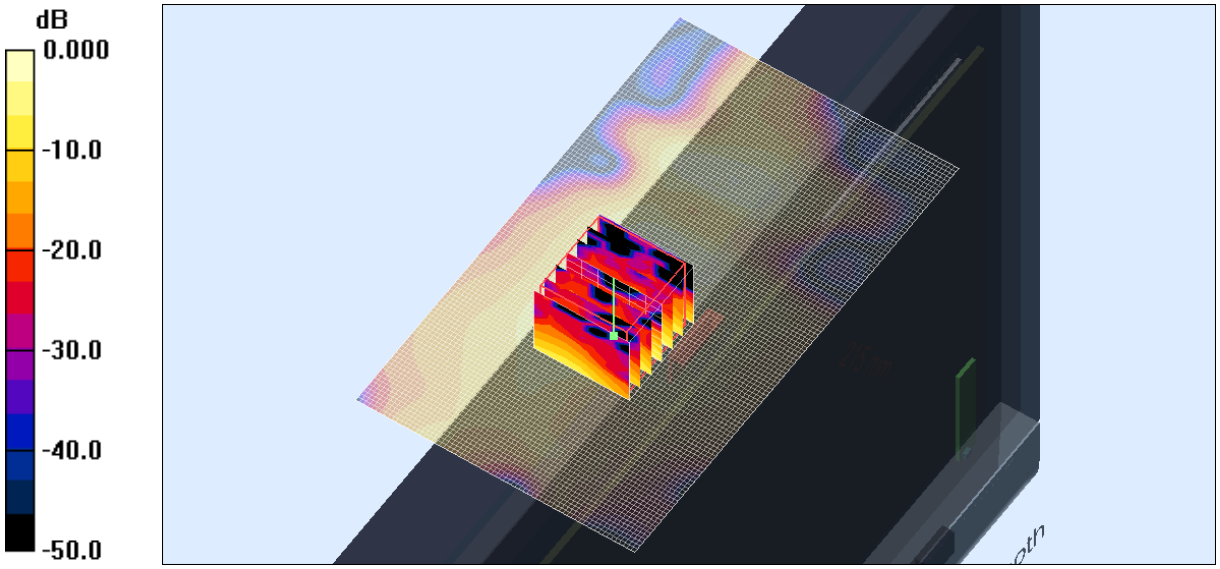
## Test Date: 9 September 2010

File Name: M100859 Secondary Landscape OFDM 5.2 GHz WiFi Antenna A (1) 09-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5262.4 MHz; $\sigma$ = 5.33 mho/m; $\varepsilon_r$ = 44.9; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 52 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.72 mW/g

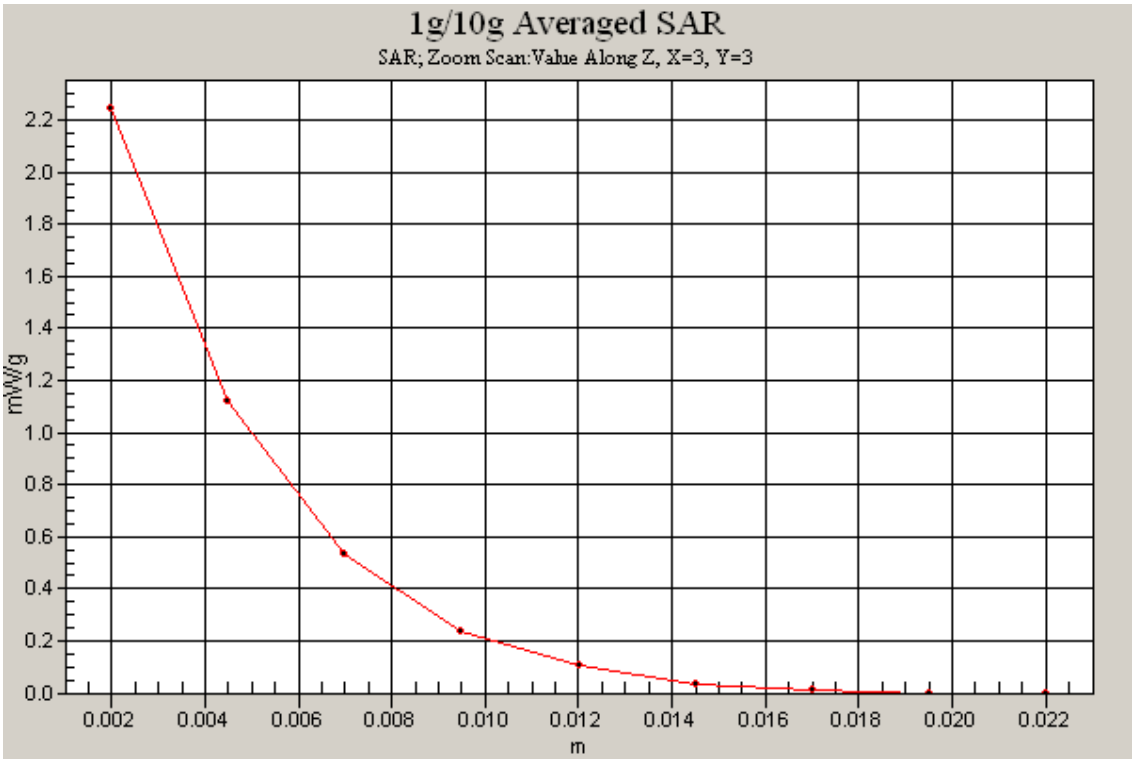
**Channel 52 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.03 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 3.90 W/kg
**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.295 mW/g**
Maximum value of SAR (measured) = 2.24 mW/g




0 dB = 2.24mW/g

SAR MEASUREMENT PLOT 9

| | |
|---|---|
| **Ambient Temperature** | **20.9 Degrees Celsius** |
| **Liquid Temperature** | **20.7 Degrees Celsius** |
| **Humidity** | **40.0 %** |



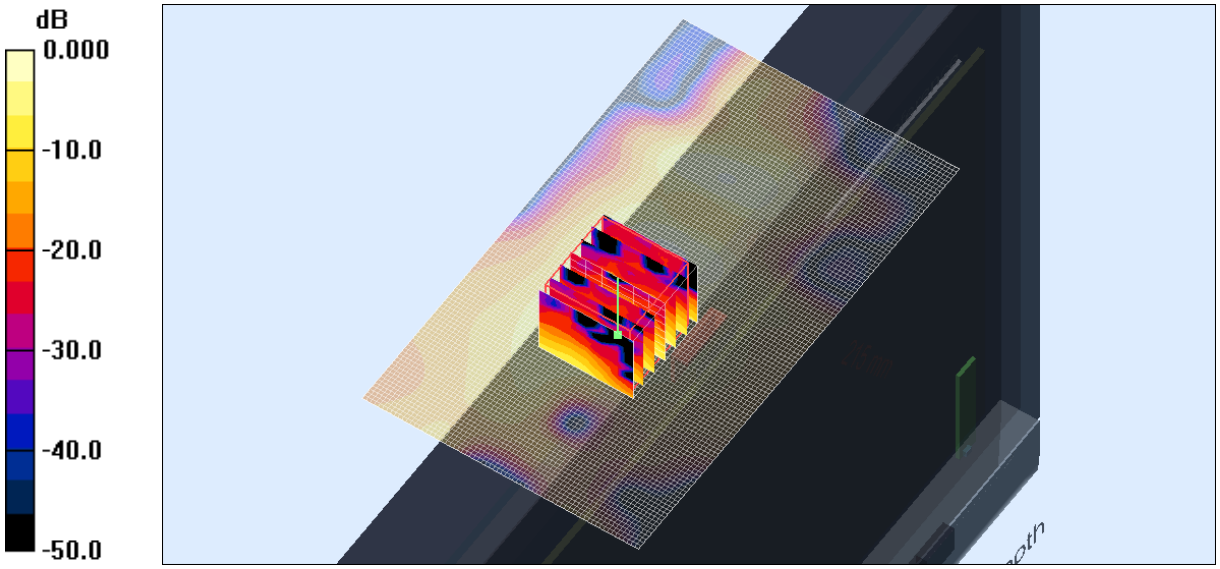
## Test Date: 9 September 2010

File Name: M100859 Secondary Landscape OFDM 5.2 GHz WiFi Antenna A (1) 09-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5321.8 MHz; $\sigma$ = 5.43 mho/m; $\varepsilon_r$ = 44.8; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 64 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.87 mW/g

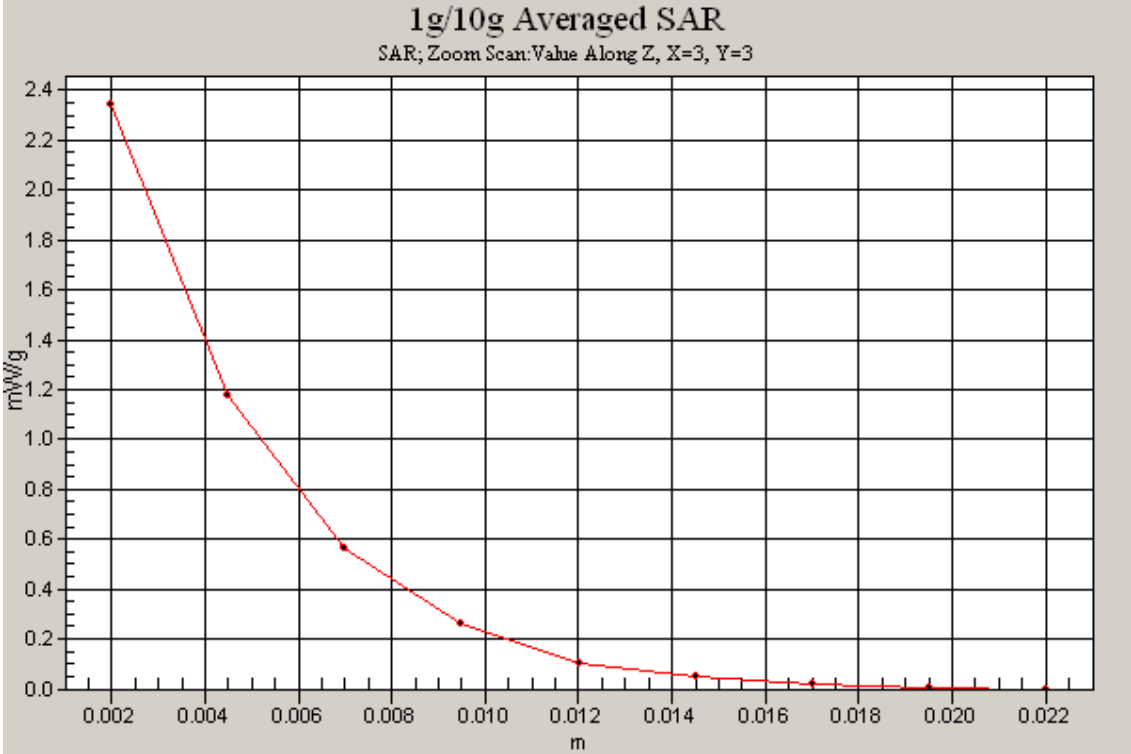
**Channel 64 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.52 V/m; Power Drift = 0.244 dB
Peak SAR (extrapolated) = 4.11 W/kg
**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.322 mW/g**
Maximum value of SAR (measured) = 2.34 mW/g




0 dB = 2.34mW/g

SAR MEASUREMENT PLOT 10

| | |
|---|---|
| **Ambient Temperature** | **20.9 Degrees Celsius** |
| **Liquid Temperature** | **20.7 Degrees Celsius** |
| **Humidity** | **40.0 %** |

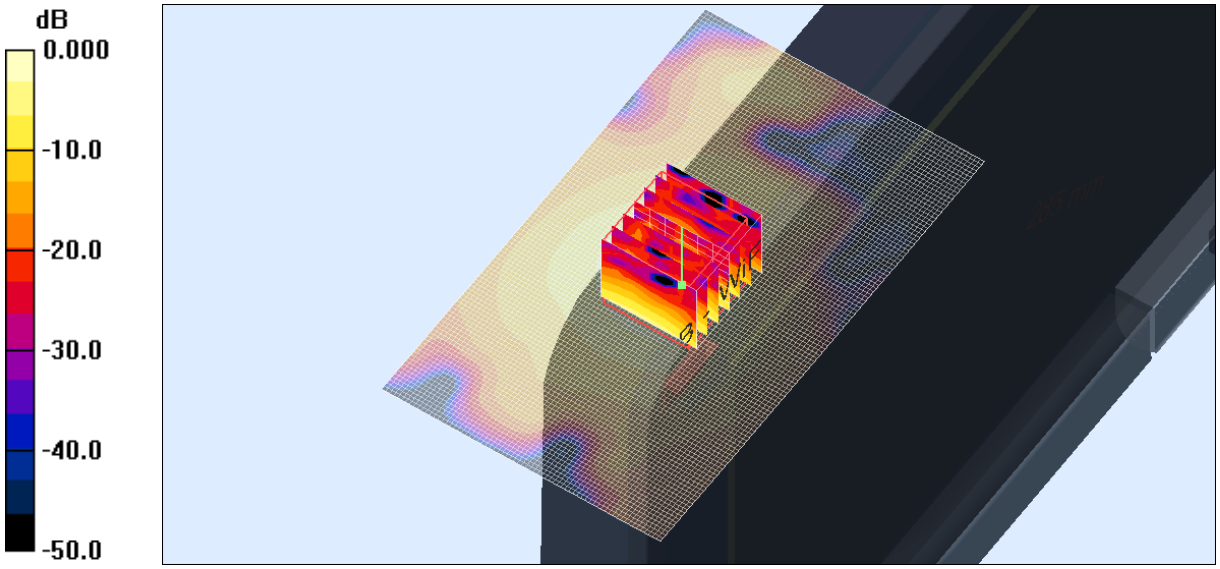


Test Date: 9 September 2010
File Name: M100859 Secondary Landscape (-2dB) OFDM 5.2 GHz WiFi Antenna B (2) 09-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5183.2 MHz; $\sigma$ = 5.2 mho/m; $\varepsilon_r$ = 45.1; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 36 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.64 mW/g

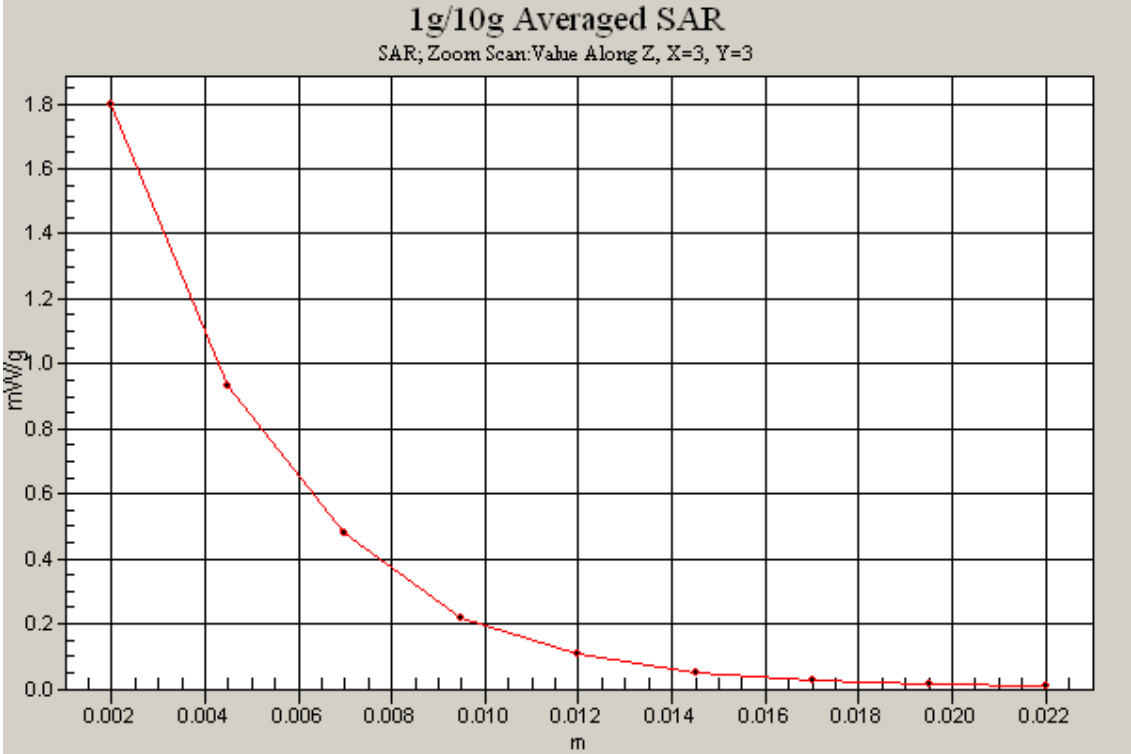
**Channel 36 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 11.5 V/m; Power Drift = -0.491 dB
Peak SAR (extrapolated) = 3.27 W/kg
**SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.275 mW/g**
Maximum value of SAR (measured) = 1.80 mW/g




0 dB = 1.80mW/g

SAR MEASUREMENT PLOT 11

| | |
|---|---|
| **Ambient Temperature** | **20.9 Degrees Celsius** |
| **Liquid Temperature** | **20.7 Degrees Celsius** |
| **Humidity** | **40.0 %** |

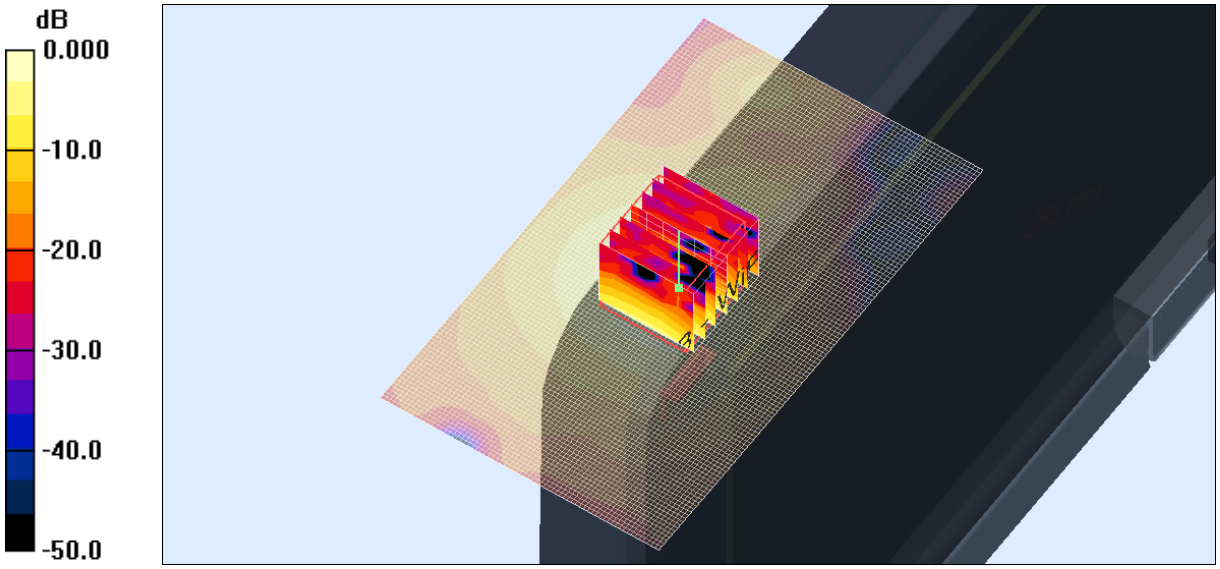


Test Date: 9 September 2010
File Name: M100859 Secondary Landscape (-2dB) OFDM 5.2 GHz WiFi Antenna B (2) 09-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5240 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5242.6 MHz; $\sigma$ = 5.31 mho/m; $\varepsilon_r$ = 45; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 48 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.78 mW/g

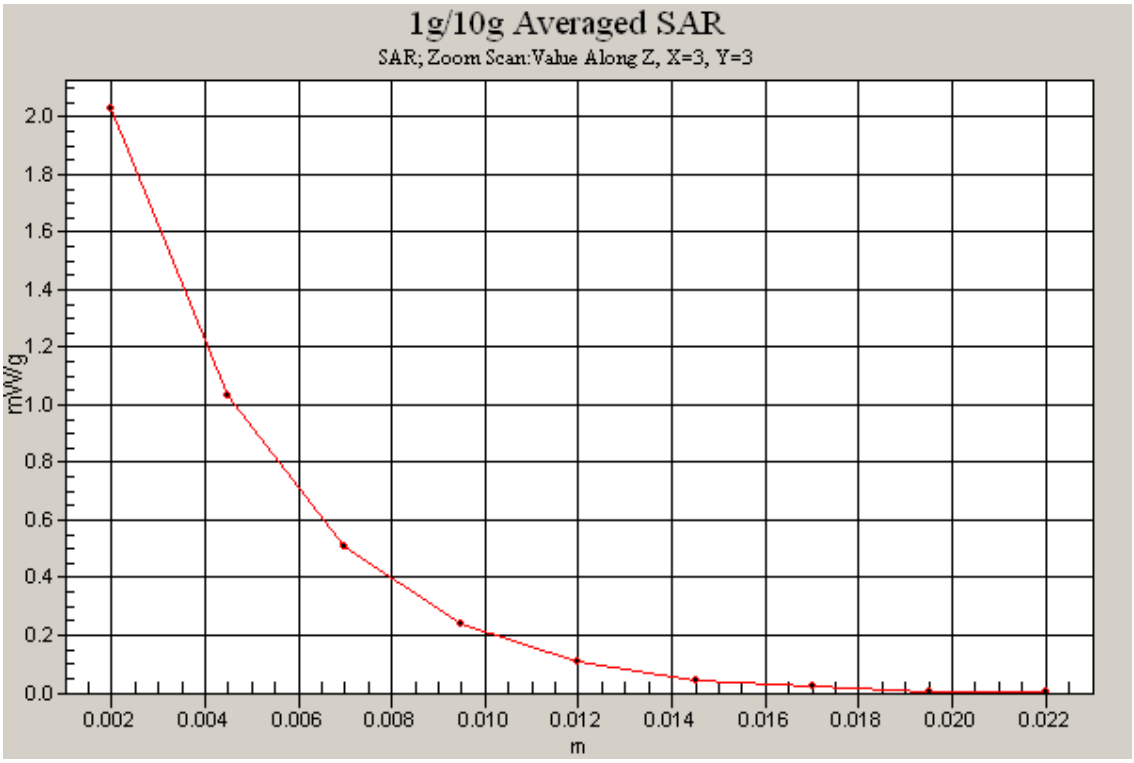
**Channel 48 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 11.3 V/m; Power Drift = -0.342 dB
Peak SAR (extrapolated) = 3.50 W/kg
**SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.301 mW/g**
Maximum value of SAR (measured) = 2.03 mW/g




0 dB = 2.03mW/g

SAR MEASUREMENT PLOT 12

| | |
|---|---|
| **Ambient Temperature** | **20.9 Degrees Celsius** |
| **Liquid Temperature** | **20.7 Degrees Celsius** |
| **Humidity** | **40.0 %** |

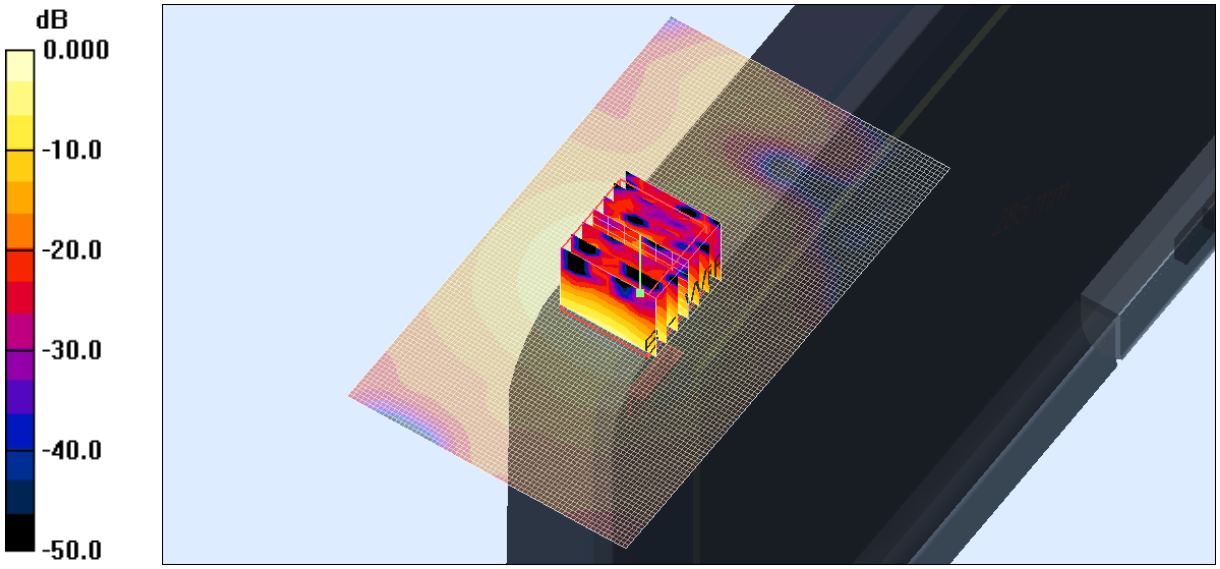


Test Date: 9 September 2010
File Name: M100859 Secondary Landscape (-2dB) OFDM 5.2 GHz WiFi Antenna B (2) 09-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5262.4 MHz; $\sigma$ = 5.33 mho/m; $\varepsilon_r$ = 44.9; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 52 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.68 mW/g

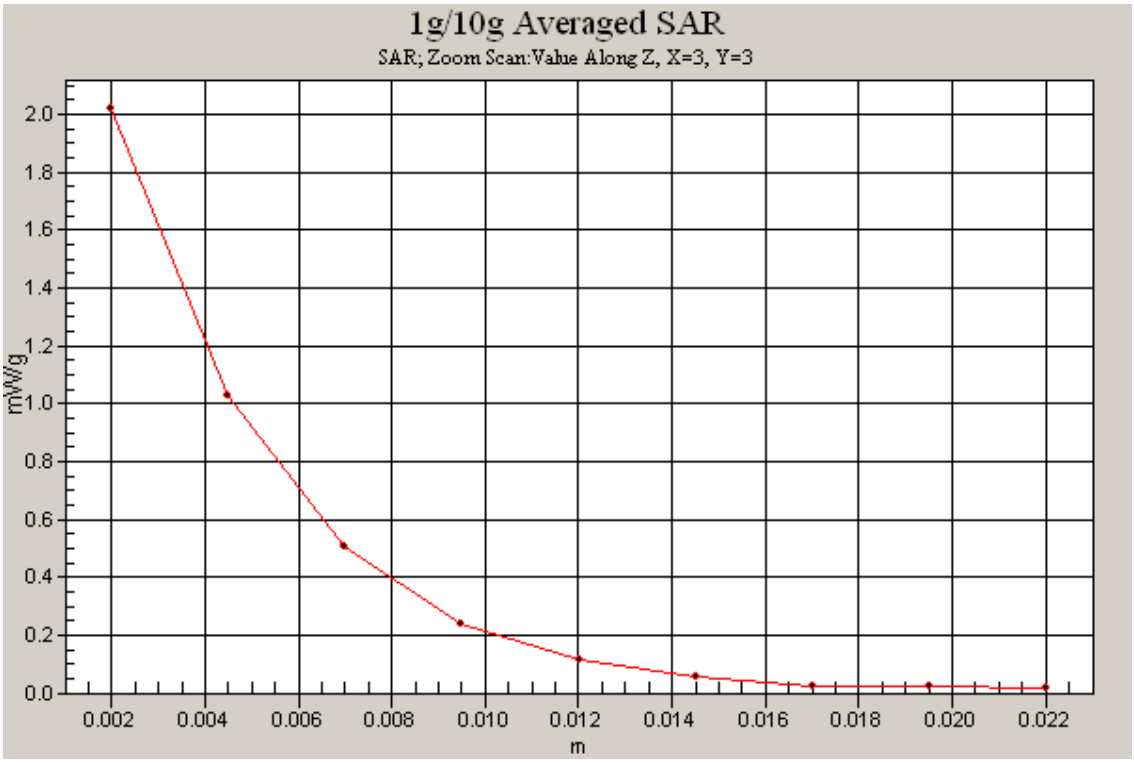
**Channel 52 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 11.9 V/m; Power Drift = -0.140 dB
Peak SAR (extrapolated) = 3.48 W/kg
**SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.289 mW/g**
Maximum value of SAR (measured) = 2.02 mW/g




0 dB = 2.02mW/g

SAR MEASUREMENT PLOT 13

| | |
|---|---|
| **Ambient Temperature** | **20.9 Degrees Celsius** |
| **Liquid Temperature** | **20.7 Degrees Celsius** |
| **Humidity** | **40.0 %** |

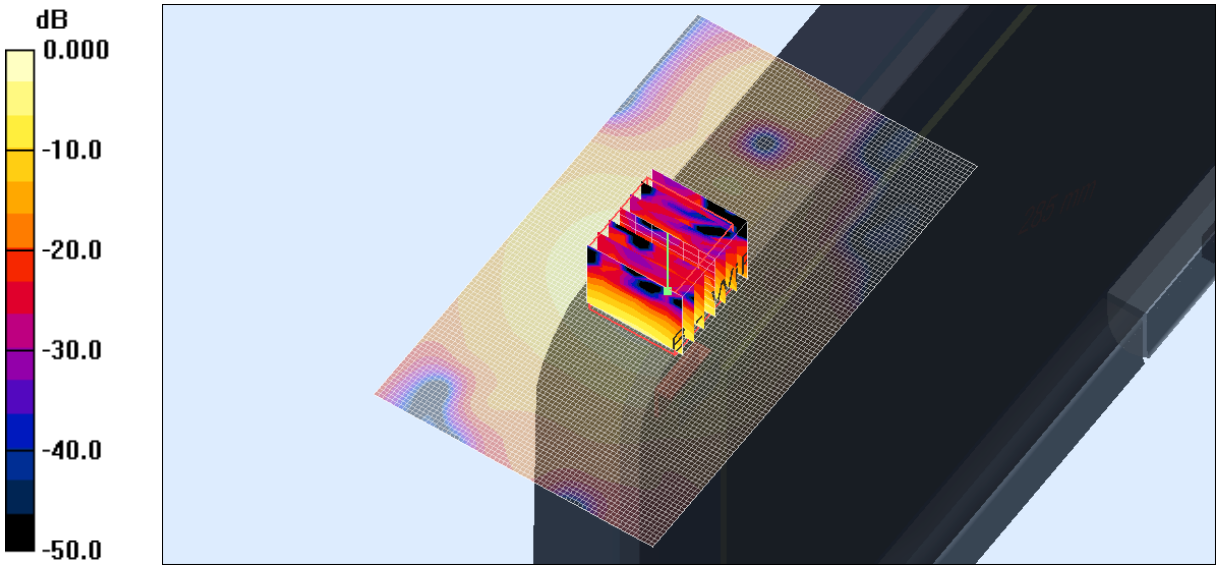


Test Date: 9 September 2010
File Name: M100859 Secondary Landscape (-2dB) OFDM 5.2 GHz WiFi Antenna B (2) 09-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5200 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5321.8 MHz; $\sigma$ = 5.43 mho/m; $\varepsilon_r$ = 44.8; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.78, 3.78, 3.78)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 64 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.14 mW/g

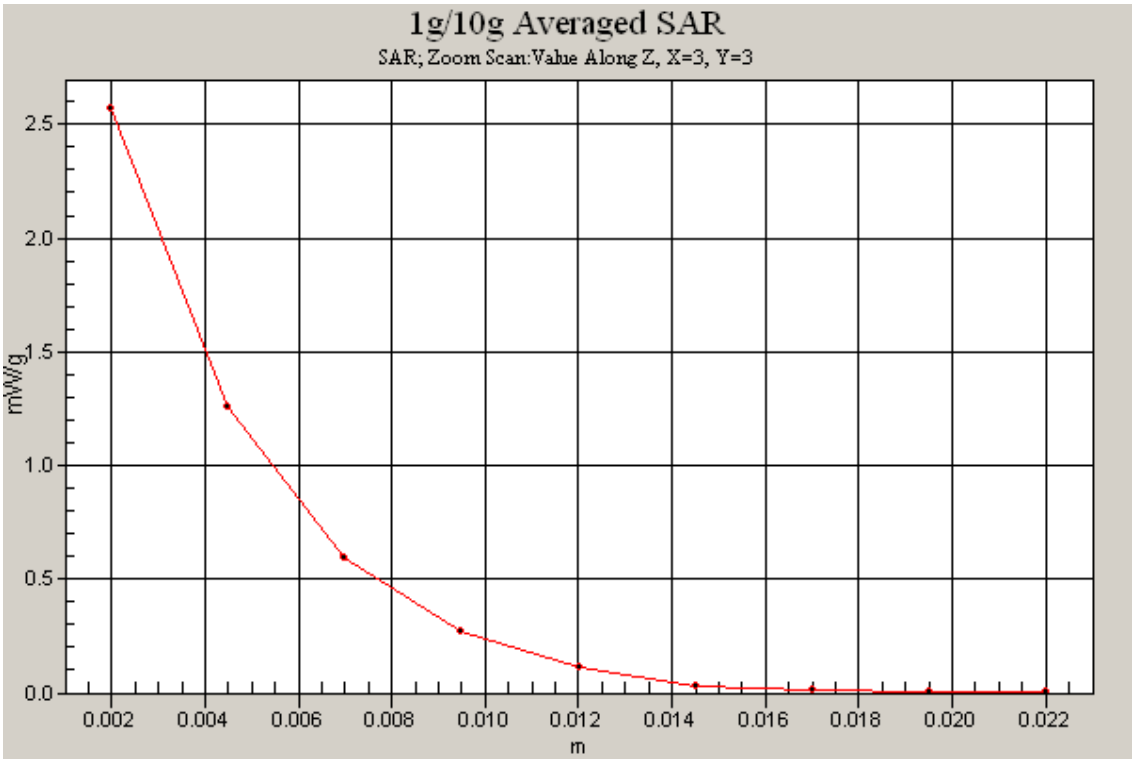
**Channel 64 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 12.8 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 4.64 W/kg
**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.359 mW/g**
Maximum value of SAR (measured) = 2.57 mW/g




0 dB = 2.57mW/g

SAR MEASUREMENT PLOT 14

| | |
|---|---|
| **Ambient Temperature** | **20.9 Degrees Celsius** |
| **Liquid Temperature** | **20.7 Degrees Celsius** |
| **Humidity** | **40.0 %** |

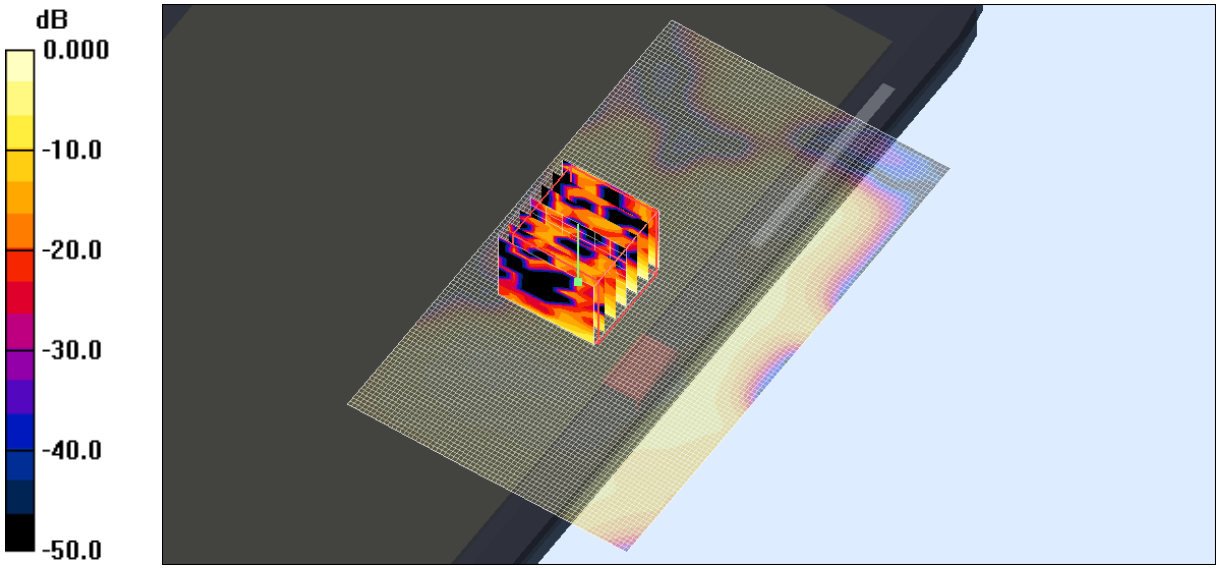


Test Date: 3 September 2010
File Name: M100859 Tablet OFDM 5.6 GHz WiFi Antenna A (1) 03-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5600 MHz; Frequency: 5620 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5618.8 MHz; $\sigma$ = 5.91 mho/m; $\varepsilon_r$ = 46.4; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.2, 3.2, 3.2)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 124 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.490 mW/g

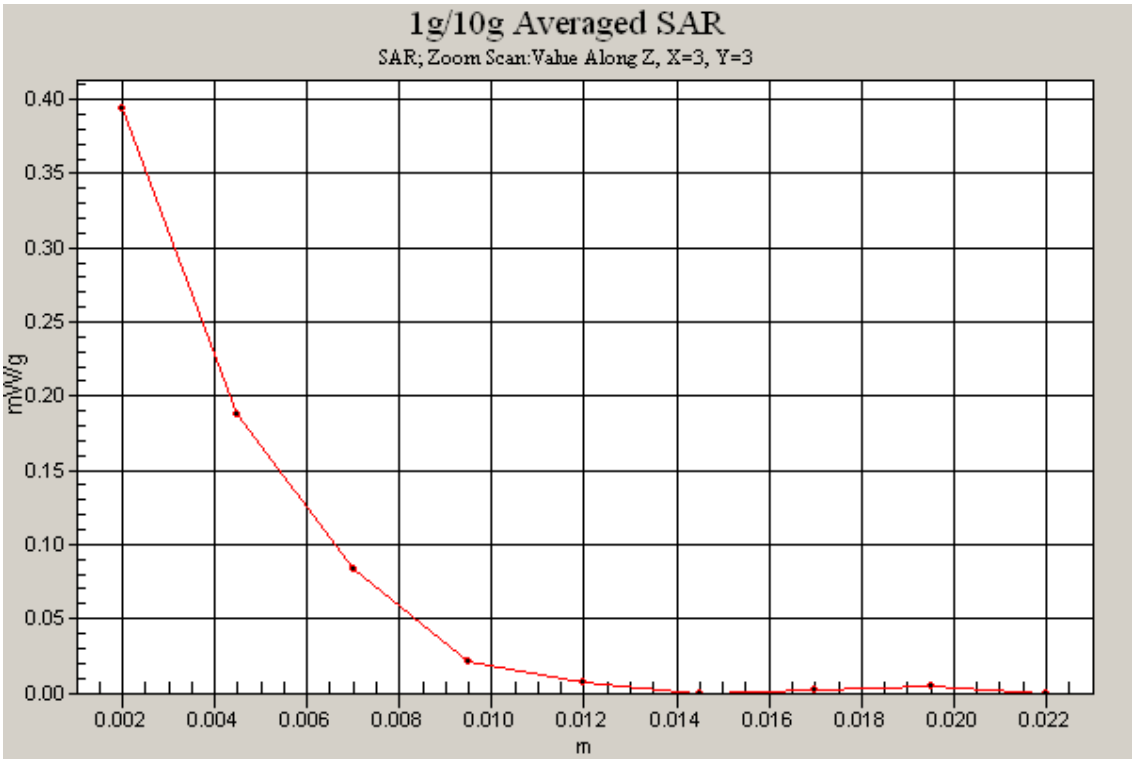
**Channel 124 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.70 V/m; Power Drift = 0.079 dB
Peak SAR (extrapolated) = 0.630 W/kg
**SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.050 mW/g**
Maximum value of SAR (measured) = 0.394 mW/g




0 dB = 0.394mW/g

SAR MEASUREMENT PLOT 15

| | |
|---|---|
| **Ambient Temperature** | **21.2 Degrees Celsius** |
| **Liquid Temperature** | **21.0 Degrees Celsius** |
| **Humidity** | **38.0 %** |



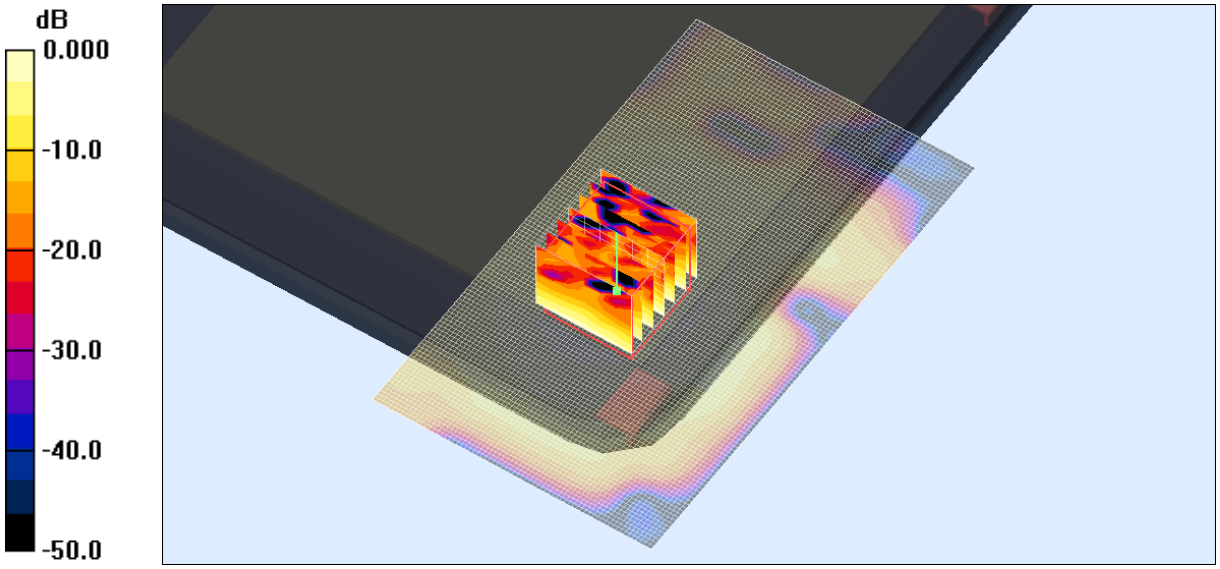
## Test Date: 3 September 2010

File Name: M100859 Tablet OFDM 5.6 GHz WiFi Antenna B (2) 03-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5600 MHz; Frequency: 5620 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5618.8 MHz; $\sigma$ = 5.91 mho/m; $\varepsilon_r$ = 46.4; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.2, 3.2, 3.2)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 124 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.457 mW/g

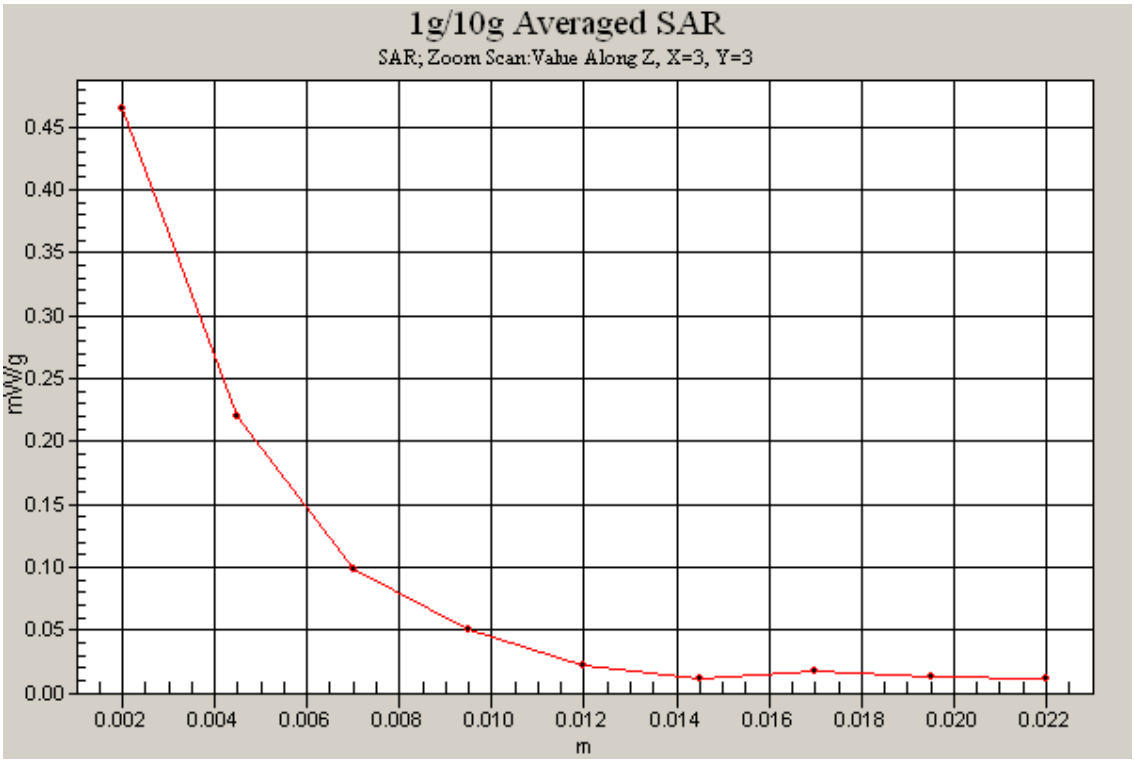
**Channel 124 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.69 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 0.815 W/kg
**SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.101 mW/g**
Maximum value of SAR (measured) = 0.465 mW/g




0 dB = 0.465mW/g

SAR MEASUREMENT PLOT 16

| | |
|---|---|
| **Ambient Temperature** | **21.2 Degrees Celsius** |
| **Liquid Temperature** | **21.0 Degrees Celsius** |
| **Humidity** | **38.0 %** |

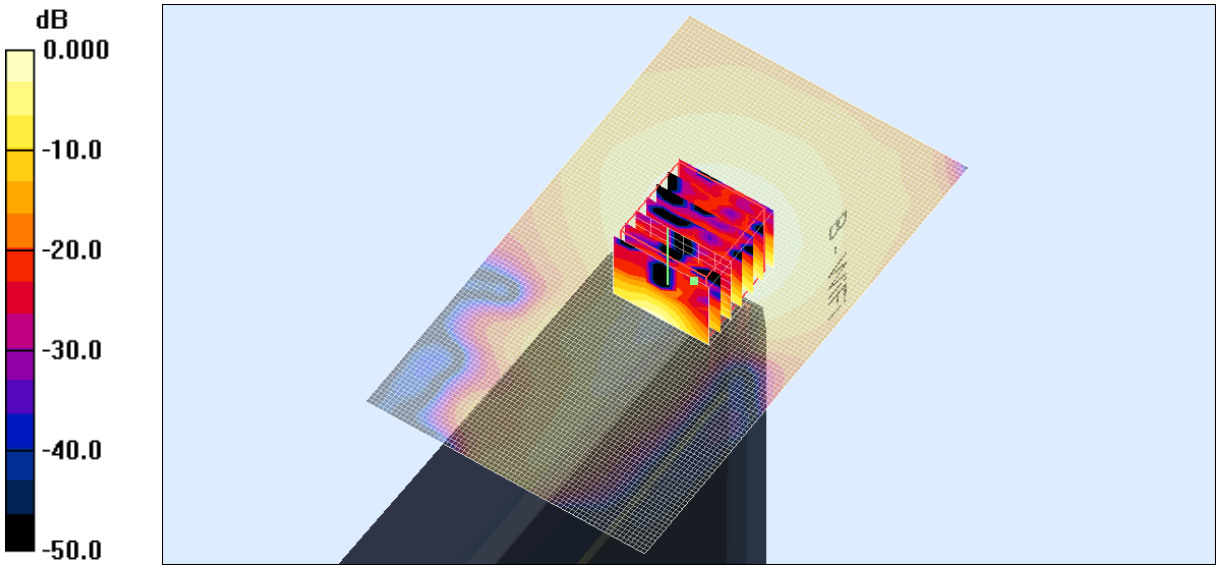


Test Date: 6 September 2010
File Name: M100859 Primary Portrait OFDM 5.6 GHz WiFi Antenna B (2) 06-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5600 MHz; Frequency: 5520 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5519.8 MHz; $\sigma$ = 5.73 mho/m; $\varepsilon_r$ = 45.1; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.2, 3.2, 3.2)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 104 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.94 mW/g

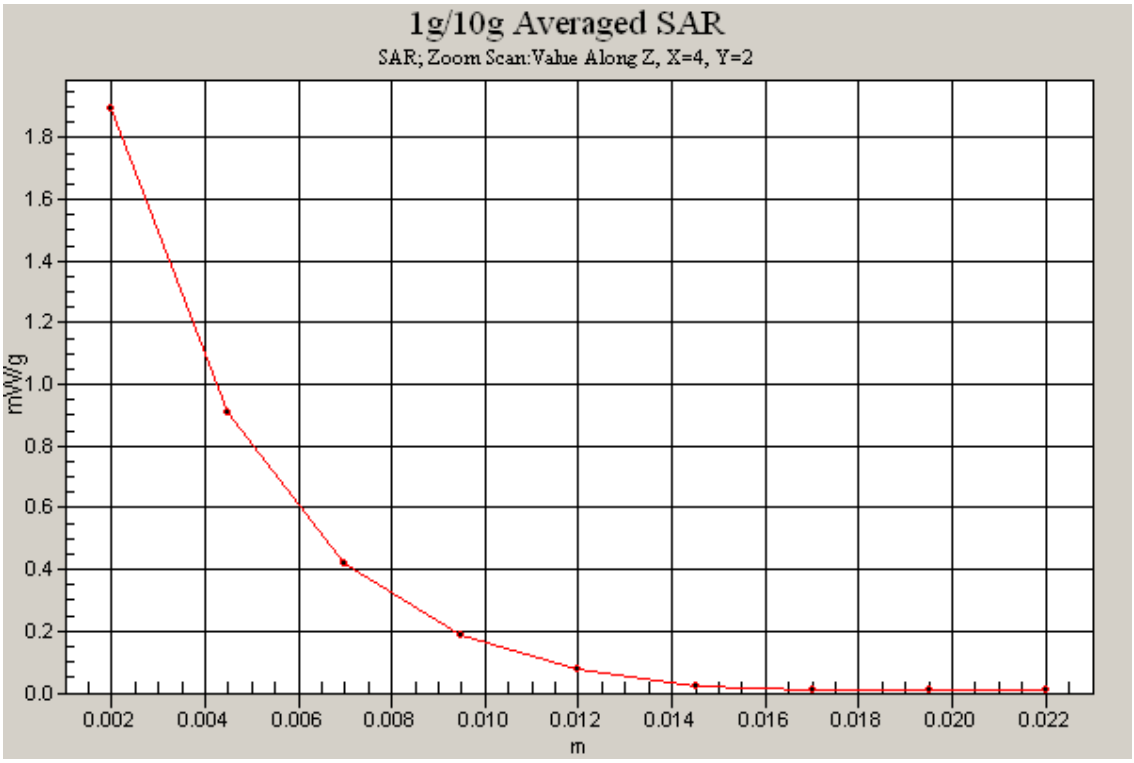
**Channel 104 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 17.4 V/m; Power Drift = -0.325 dB
Peak SAR (extrapolated) = 3.73 W/kg
**SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.322 mW/g**
Maximum value of SAR (measured) = 1.89 mW/g




0 dB = 1.89mW/g

SAR MEASUREMENT PLOT 17

| | |
|---|---|
| **Ambient Temperature** | **21.5 Degrees Celsius** |
| **Liquid Temperature** | **21.2 Degrees Celsius** |
| **Humidity** | **41.0 %** |



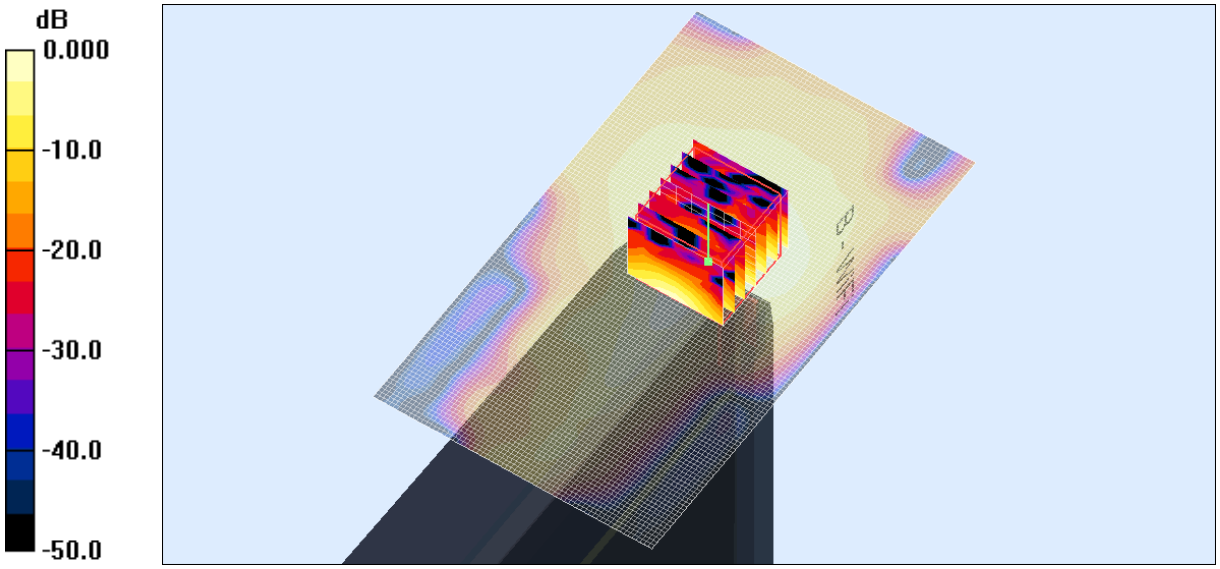
## Test Date: 6 September 2010

File Name: M100859 Primary Portrait OFDM 5.6 GHz WiFi Antenna B (2) 06-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5600 MHz; Frequency: 5580 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5579.2 MHz; $\sigma$ = 5.84 mho/m; $\varepsilon_r$ = 44.8; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.2, 3.2, 3.2)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 116 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.73 mW/g

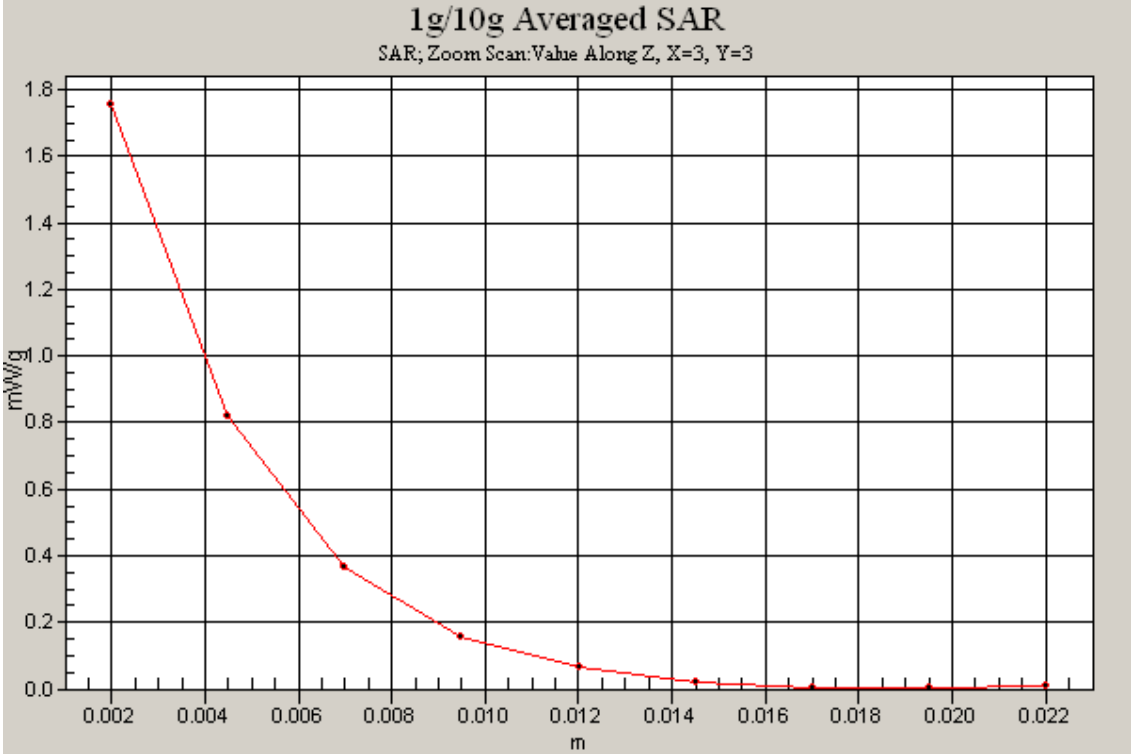
**Channel 116 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 16.0 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 3.19 W/kg
**SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.294 mW/g**
Maximum value of SAR (measured) = 1.76 mW/g




0 dB = 1.76mW/g

SAR MEASUREMENT PLOT 18

| | |
|---|---|
| **Ambient Temperature** | **21.5 Degrees Celsius** |
| **Liquid Temperature** | **21.2 Degrees Celsius** |
| **Humidity** | **41.0 %** |



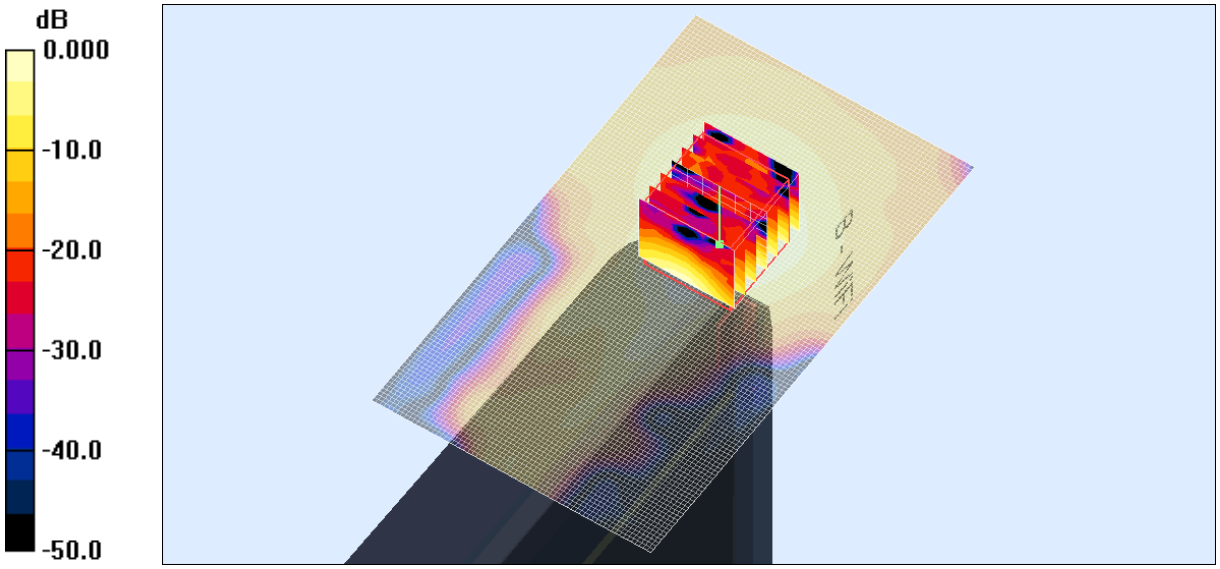
## Test Date: 3 September 2010

File Name: M100859 Primary Portrait OFDM 5.6 GHz WiFi Antenna B (2) 03-09-10.da4
**DUT: Fujitsu Tablet Sparrow with PP 11abgn; Type: 622ANHMW; Serial: MAC: 0023144B9B14**

* Communication System: OFDM 5600 MHz; Frequency: 5620 MHz; Duty Cycle: 1:1
* Medium parameters used: f = 5618.8 MHz; $\sigma$ = 5.91 mho/m; $\varepsilon_r$ = 46.4; $\rho$ = 1000 kg/m$^3$
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.2, 3.2, 3.2)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 124 Test/Area Scan (71x121x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.78 mW/g

**Channel 124 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 13.6 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 3.80 W/kg
**SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.342 mW/g**
Maximum value of SAR (measured) = 2.01 mW/g




0 dB = 2.01mW/g

SAR MEASUREMENT PLOT 19

| | |
|---|---|
| **Ambient Temperature** | **21.2 Degrees Celsius** |
| **Liquid Temperature** | **21.0 Degrees Celsius** |
| **Humidity** | **38.0 %** |