

Test Date: 15 July 2005

File Name: [Edge On OFDM 5.77 GHz Antenna A Bluetooth Off 15-07-05.da4](#)

DUT: Fujitsu Tablet Sadalarn with Atheros 11abg; Type: WLL 4070; Serial: MAC:0011F5-496CC4

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

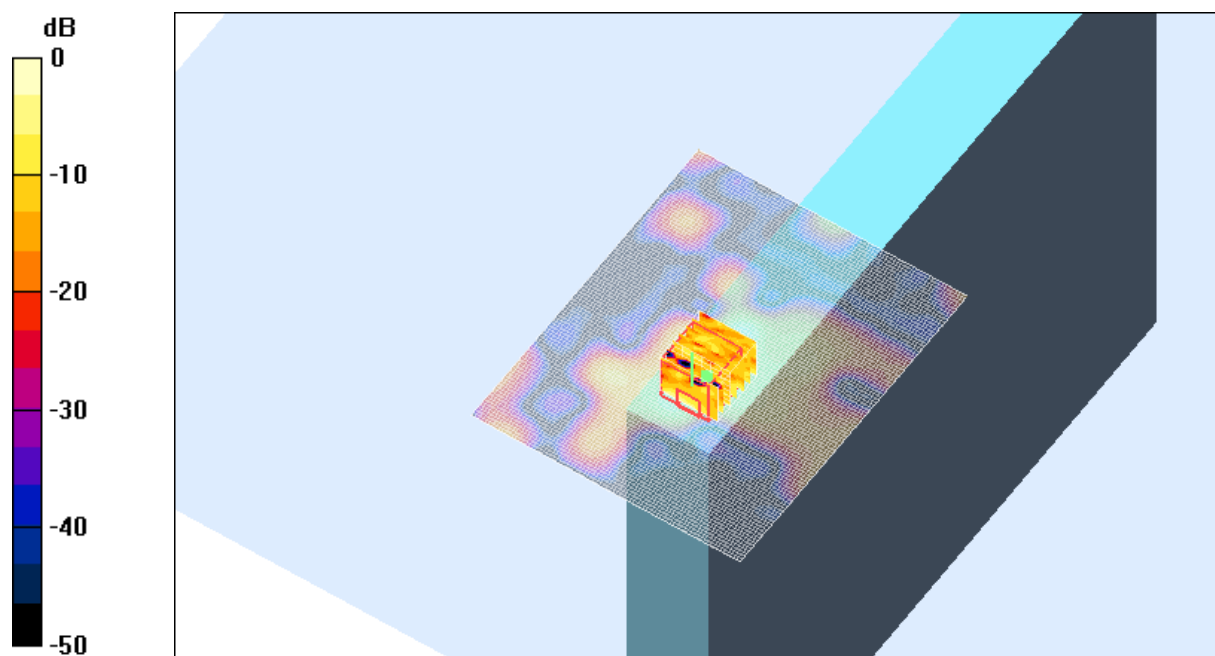
* Medium parameters used: $\sigma = 6.45668$; mho/m, $\epsilon_r = 46.2072$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: ES3DV3 - SN3029; ConvF(1.98, 1.98, 1.98)

- 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 (measured) = 0.680 mW/g



0 dB = 0.680mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature
Liquid Temperature
Humidity

20.0 Degrees Celsius
19.5 Degrees Celsius
45.0 %

Test Date: 15 July 2005

File Name: [Edge On OFDM 5.77 GHz Antenna B Bluetooth Off 15-07-05.da4](#)

DUT: Fujitsu Tablet Sadalarn with Atheros 11abg; Type: WLL 4070; Serial: MAC:0011F5-496CC4

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

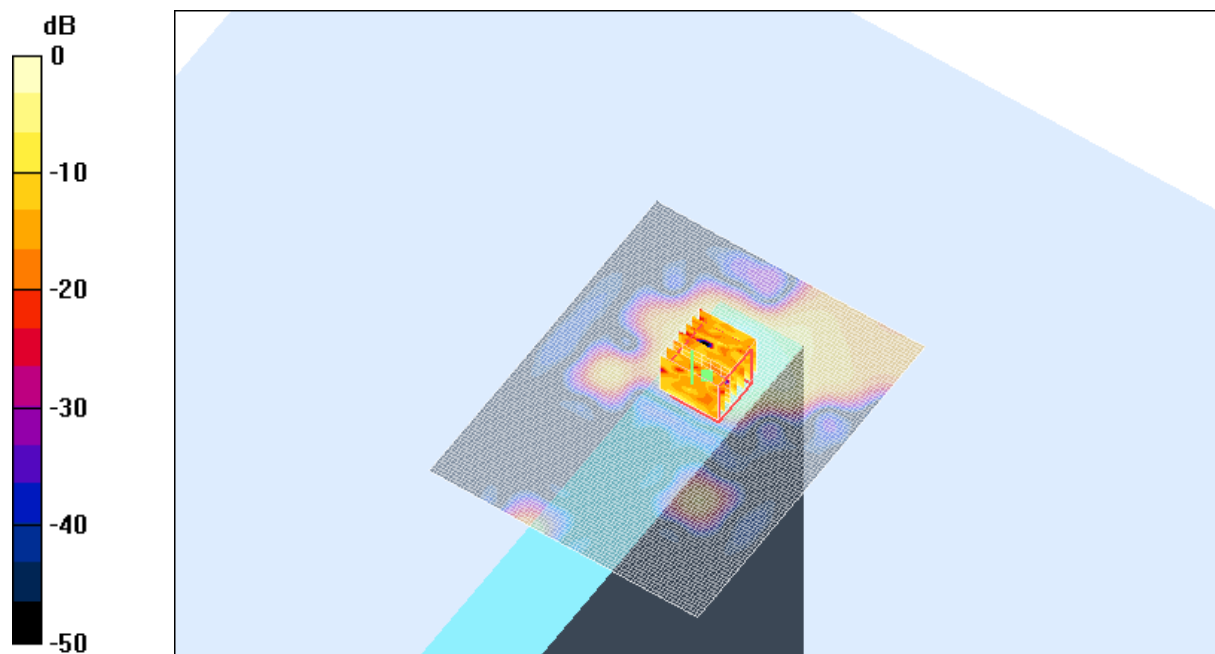
* Medium parameters used: $\sigma = 6.45668$; mho/m, $\epsilon_r = 46.2072$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: ES3DV3 - SN3029; ConvF(1.98, 1.98, 1.98)

- 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 (measured) = 0.649 mW/g

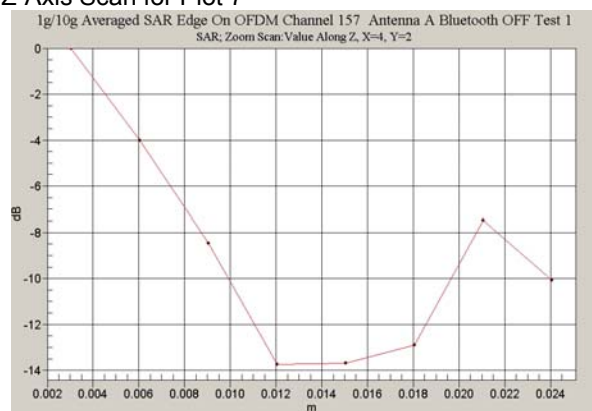


SAR MEASUREMENT PLOT 8

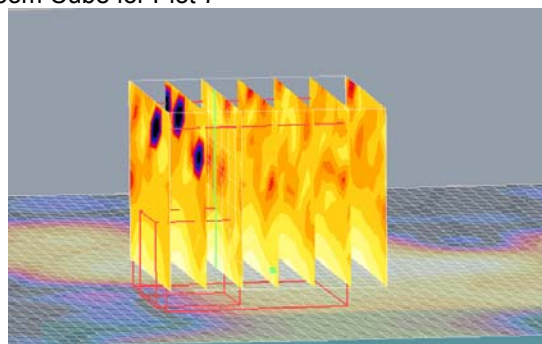
Ambient Temperature
Liquid Temperature
Humidity

20.0 Degrees Celsius
19.5 Degrees Celsius
45.0 %

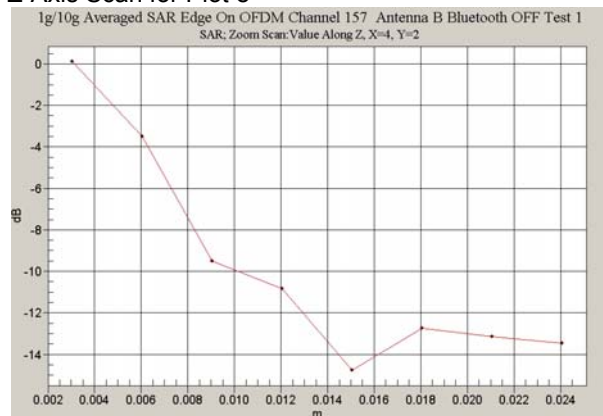
Z-Axis Scan for Plot 7



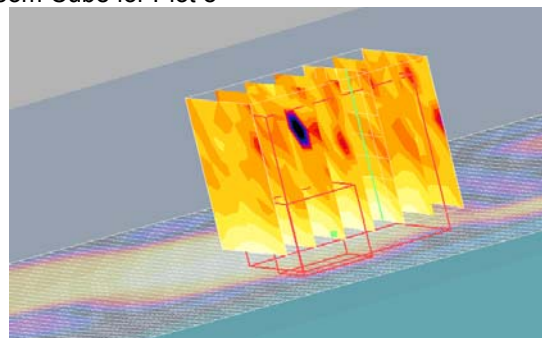
Zoom Cube for Plot 7



Z-Axis Scan for Plot 8



Zoom Cube for Plot 8



Test Date: 18 May 2005

File Name: [Tablet OFDM 5.77 GHz Antenna B Bluetooth On Prescan 18-05-05.da4](#)

DUT: Fujitsu Tablet Sadalarn with Atheros 11abg; Type: WLL 4070; Serial: MAC:0011F5-496CC4

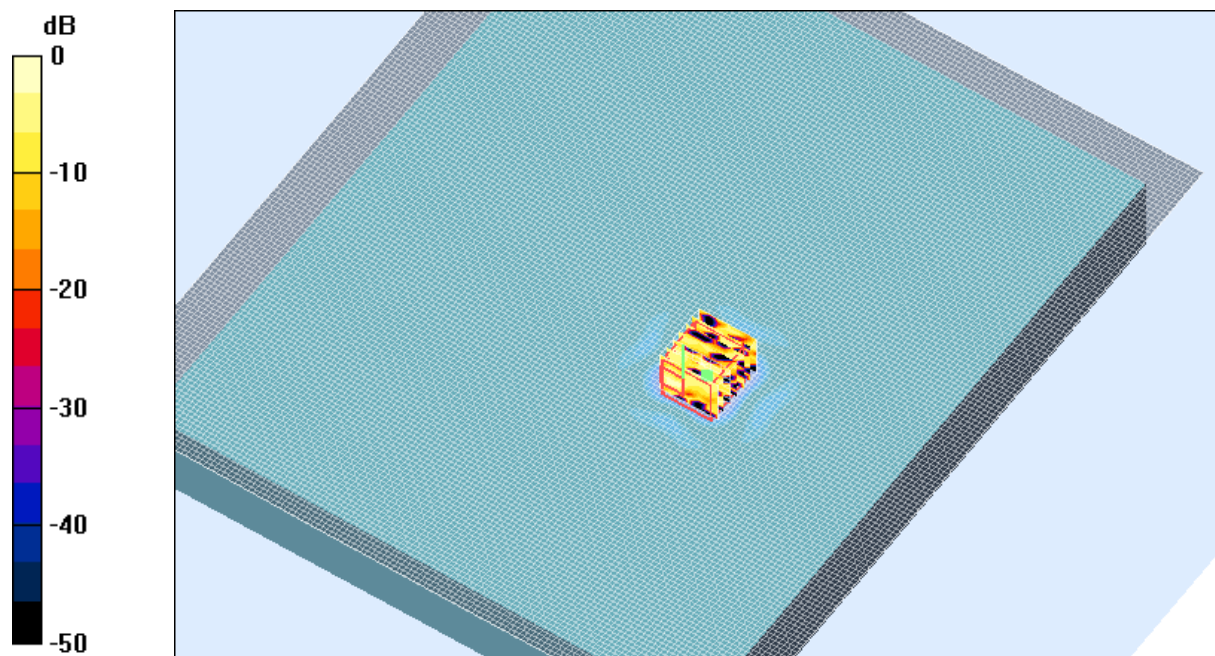
* Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.09268$; mho/m, $\epsilon_r = 45.9239$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: ES3DV3 - SN3029; ConvF(1.98, 1.98, 1.98)

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

Channel 157 Bluetooth On Test/Area Scan (141x161x1): Measurement grid: dx=20mm, dy=20mm



0 dB = 0.081mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.0 Degrees Celsius
50.0 %

Test Date: 20 May 2005

File Name: [Arm Held OFDM 5.25 GHz Antenna A Bluetooth Off 20-05-05.da4](#)

DUT: Fujitsu Tablet Sadalarn with Atheros 11abg; Type: WLL 4070; Serial: MAC:0011F5-496CC4

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

* Medium parameters used: $\sigma = 5.22345$; mho/m, $\epsilon_r = 47.5527$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: ES3DV3 - SN3029; ConvF(2.27, 2.27, 2.27)

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

Channel 52 Test/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.96 mW/g

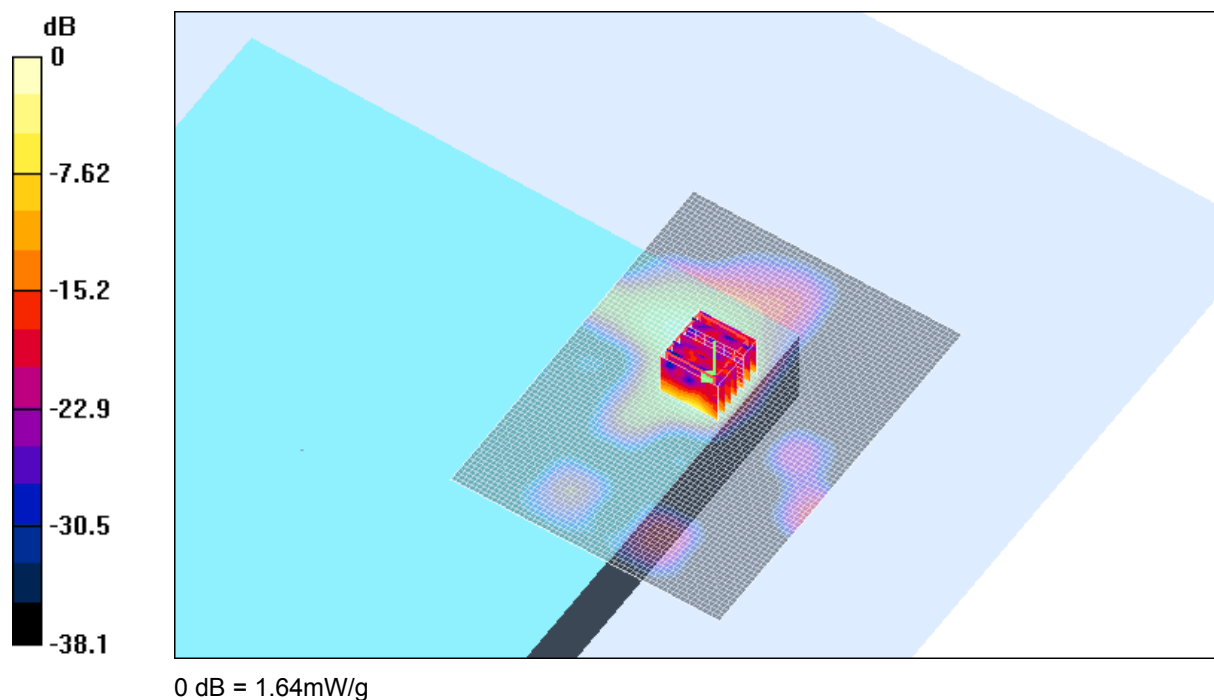
Channel 52 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 26.9 V/m; Power Drift = -0.3 dB

Peak SAR (extrapolated) = 4.02 W/kg

SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 1.64 mW/g



SAR MEASUREMENT PLOT 10

Ambient Temperature
Liquid Temperature
Humidity

19.8 Degrees Celsius
19.1 Degrees Celsius
37.0 %

Test Date: 20 May 2005

File Name: [Arm Held OFDM 5.25 GHz Antenna B Bluetooth Off 20-05-05.da4](#)

DUT: Fujitsu Tablet Sadalarn with Atheros 11abg; Type: WLL 4070; Serial: MAC:0011F5-496CC4

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

* Medium parameters used: $\sigma = 5.08076$; mho/m, $\epsilon_r = 47.7781$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: ES3DV3 - SN3029; ConvF(2.27, 2.27, 2.27)

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

Channel 36 Test/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.3 mW/g

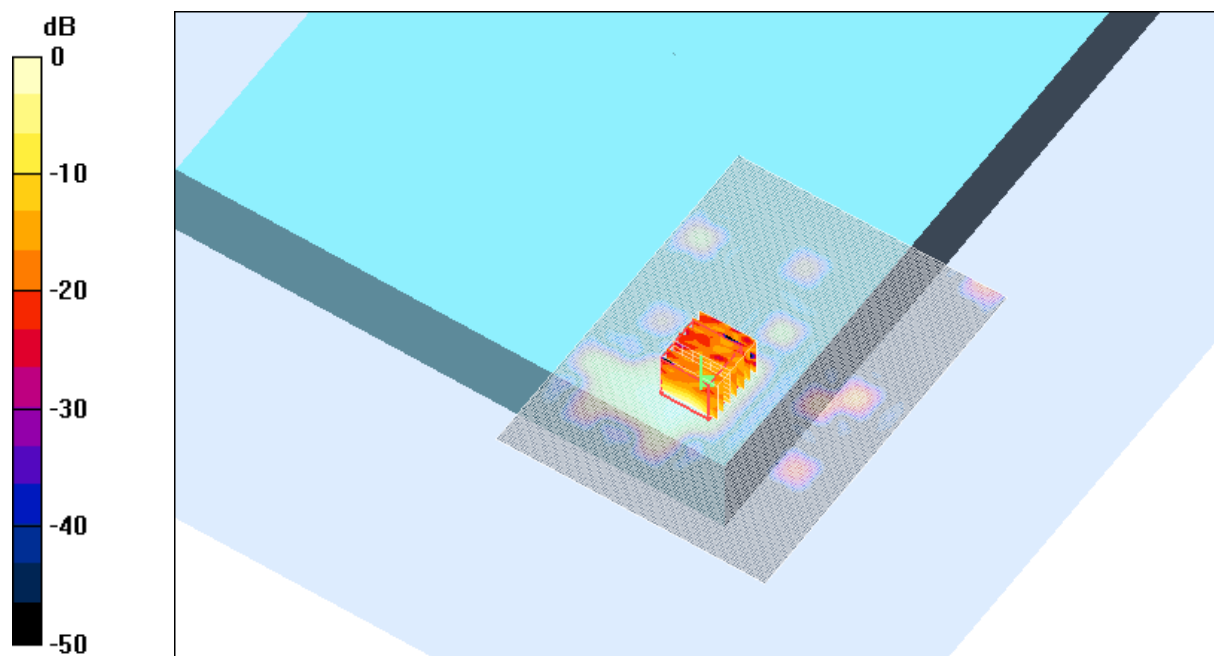
Channel 36 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 16.5 V/m; Power Drift = -0.3 dB

Peak SAR (extrapolated) = 115.8 W/kg

SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.26mW/g

SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

19.8 Degrees Celsius
19.1 Degrees Celsius
37.0 %

Test Date: 20 May 2005

File Name: [Arm Held OFDM 5.25 GHz Antenna B Bluetooth Off 20-05-05.da4](#)

DUT: Fujitsu Tablet Sadalarn with Atheros 11abg; Type: WLL 4070; Serial: MAC:0011F5-496CC4

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

* Medium parameters used: $\sigma = 5.22345$; mho/m, $\epsilon_r = 47.5527$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: ES3DV3 - SN3029; ConvF(2.27, 2.27, 2.27)

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

Channel 52 Test/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.888 mW/g

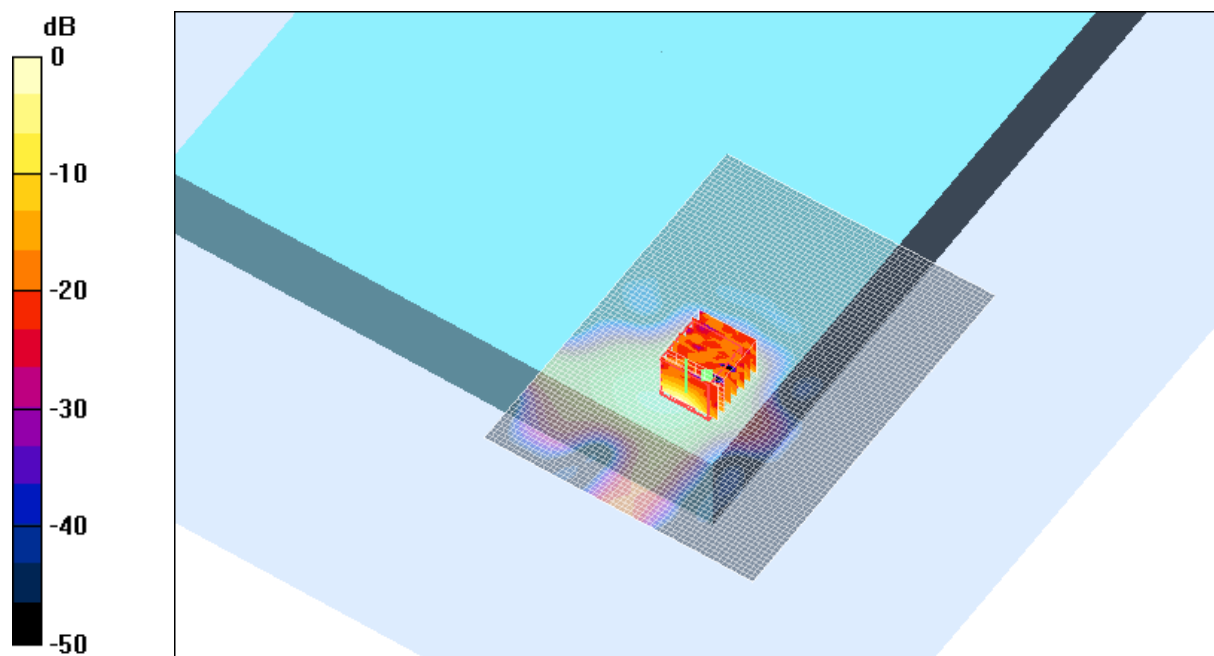
Channel 52 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 26.6 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 6.49 W/kg

SAR(1 g) = 1.48 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 2.42 mW/g



0 dB = 2.42mW/g

SAR MEASUREMENT PLOT 12

Ambient Temperature
Liquid Temperature
Humidity

19.8 Degrees Celsius
19.1 Degrees Celsius
37.0 %

Test Date: 20 May 2005

File Name: [Arm Held OFDM 5.25 GHz Antenna B Bluetooth Off 20-05-05.da4](#)

DUT: Fujitsu Tablet Sadalarn with Atheros 11abg; Type: WLL 4070; Serial: MAC:0011F5-496CC4

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

* Medium parameters used: $\sigma = 5.33294$; mho/m, $\epsilon_r = 47.4429$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: ES3DV3 - SN3029; ConvF(2.27, 2.27, 2.27)

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

Channel 64 Test/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.806 mW/g

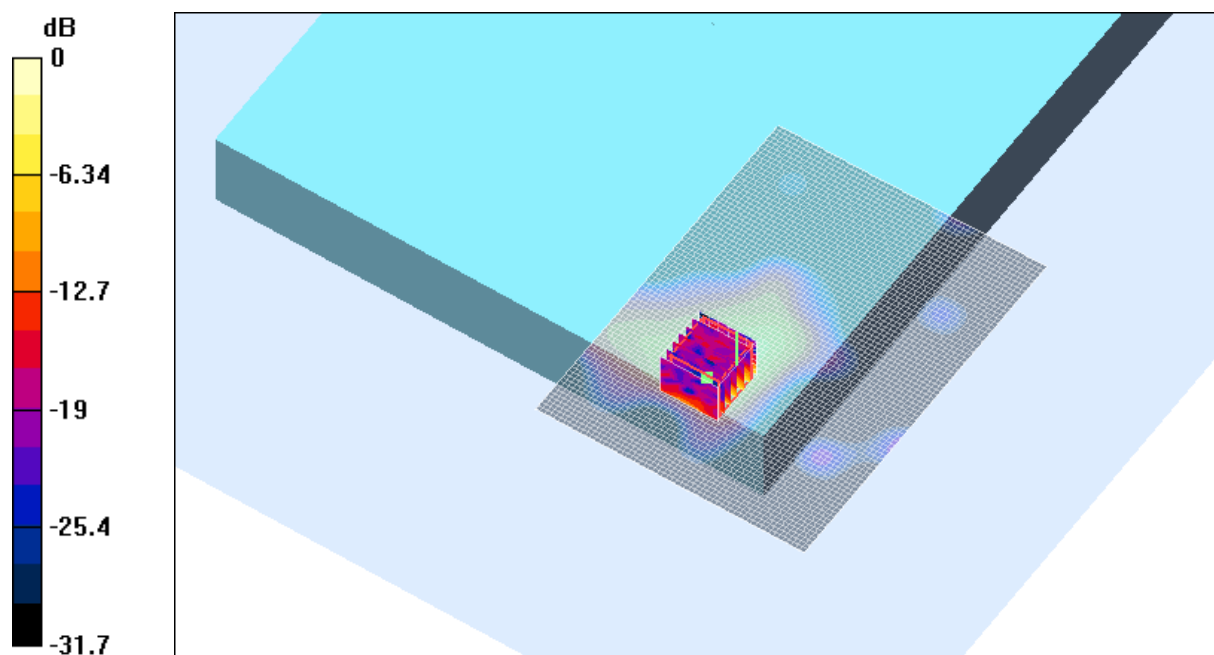
Channel 64 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 25.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 5.17 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 2.17 mW/g



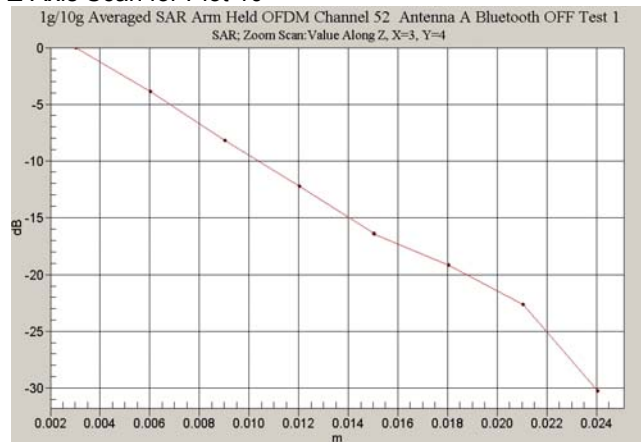
0 dB = 2.17mW/g

SAR MEASUREMENT PLOT 13

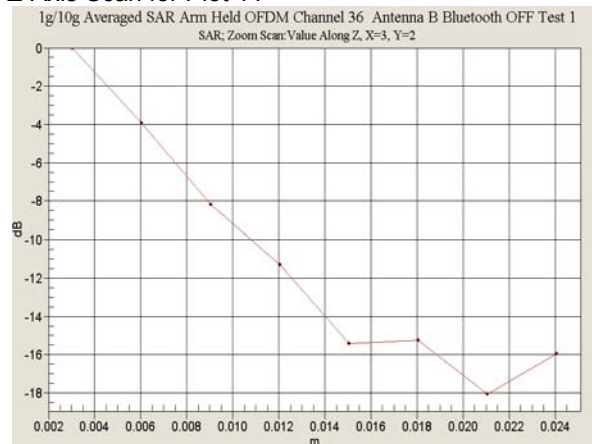
Ambient Temperature
Liquid Temperature
Humidity

19.8 Degrees Celsius
19.1 Degrees Celsius
37.0 %

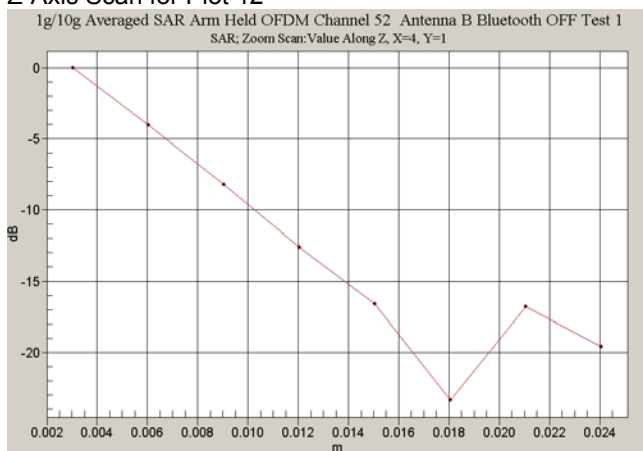
Z-Axis Scan for Plot 10



Z-Axis Scan for Plot 11



Z-Axis Scan for Plot 12



Z-Axis Scan for Plot 13

