

Test Date: 02 September 2006

File Name: [Edge On DSSS 2.45 GHz Antenna Aux Bluetooth Off 02-09-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

\* Communication System: DSSS 2450 MHz; Frequency: 2412 MHz; Duty Cycle: 1:1

\* Medium parameters used:  $\sigma = 1.92277$  mho/m,  $\epsilon_r = 51.2123$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)

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

**Channel 01 Test/Area Scan (61x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.077 mW/g

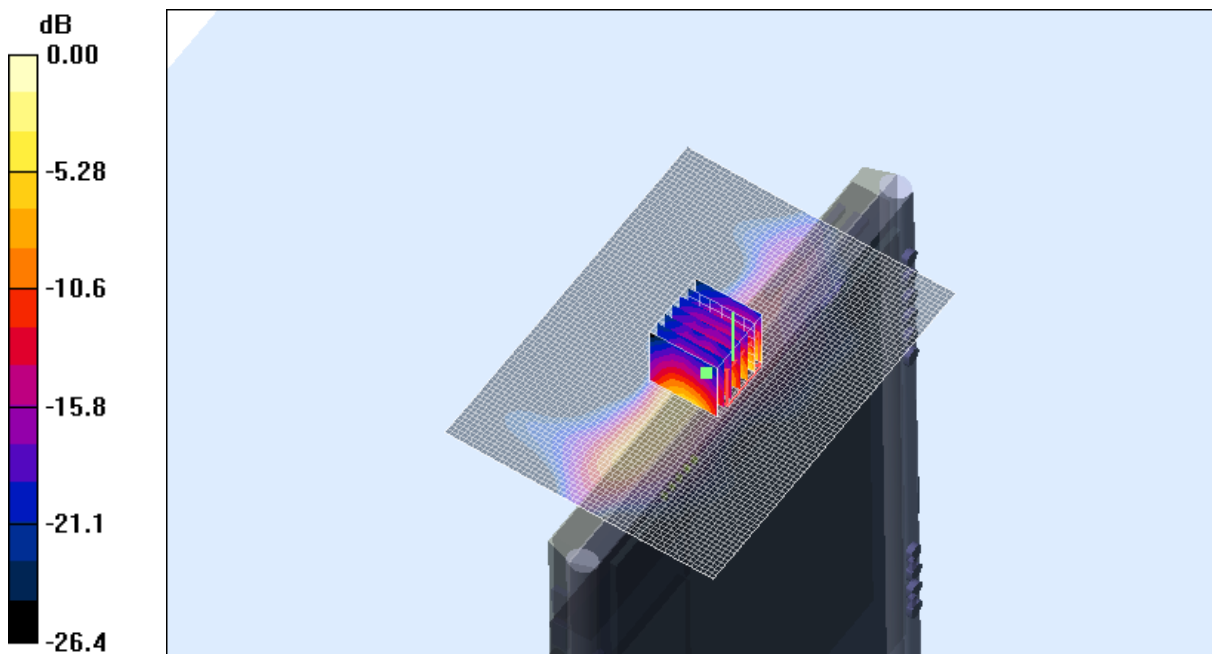
**Channel 01 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.71 V/m; Power Drift = -0.388 dB

Peak SAR (extrapolated) = 0.441 W/kg

**SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (measured) = 0.174 mW/g



0 dB = 0.174mW/g

**SAR MEASUREMENT PLOT 10**

Ambient Temperature  
Liquid Temperature  
Humidity

20.6 Degrees Celsius  
20.1 Degrees Celsius  
47.0 %

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DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

\* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1

\* Medium parameters used:  $\sigma = 1.96174$  mho/m,  $\epsilon_r = 51.093$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)

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

**Channel 06 Test/Area Scan (61x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.100 mW/g

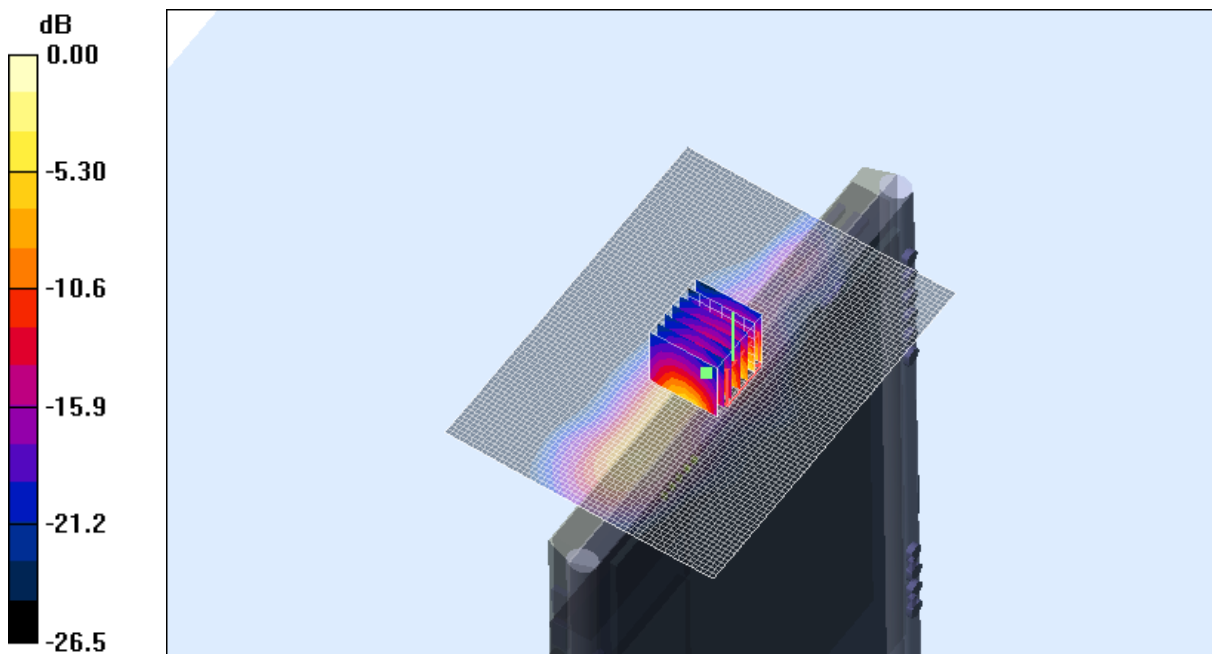
**Channel 06 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.71 V/m; Power Drift = -0.403 dB

Peak SAR (extrapolated) = 0.589 W/kg

**SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.065 mW/g**

Maximum value of SAR (measured) = 0.225 mW/g



0 dB = 0.225mW/g

**SAR MEASUREMENT PLOT 11**

Ambient Temperature  
Liquid Temperature  
Humidity

20.6 Degrees Celsius  
20.1 Degrees Celsius  
47.0 %

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DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

\* Communication System: DSSS 2450 MHz; Frequency: 2462 MHz; Duty Cycle: 1:1

\* Medium parameters used:  $\sigma = 1.99904$  mho/m,  $\epsilon_r = 50.9571$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)

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

**Channel 11 Test/Area Scan (61x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.107 mW/g

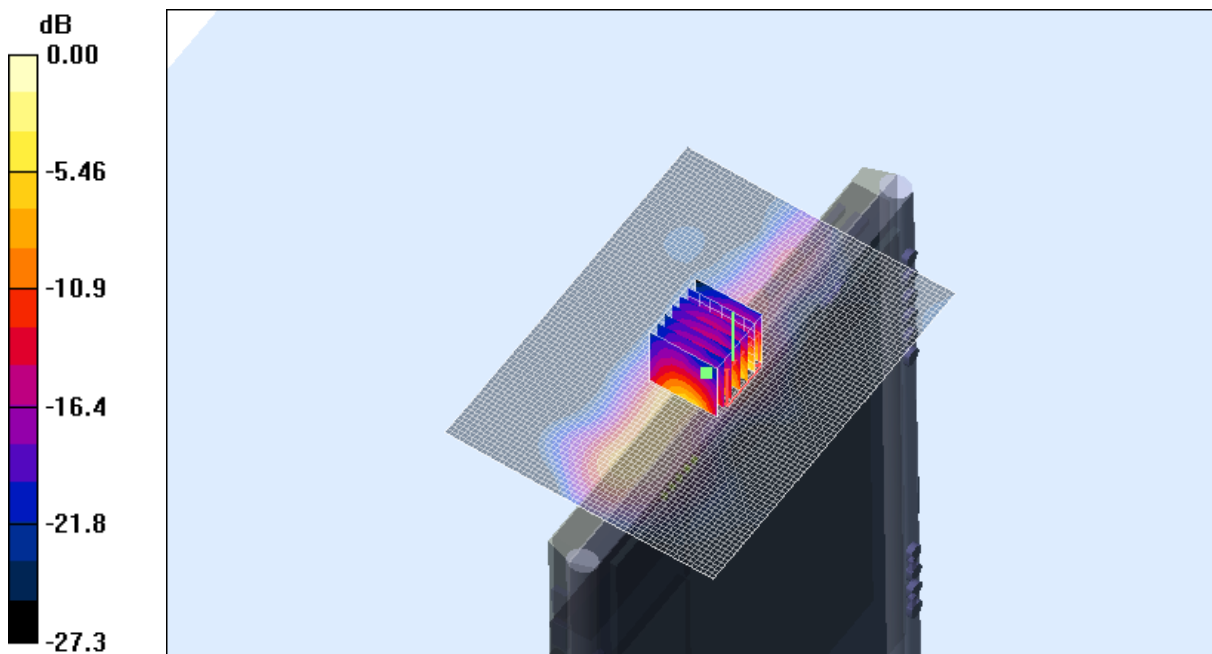
**Channel 11 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.94 V/m; Power Drift = -0.262 dB

Peak SAR (extrapolated) = 0.645 W/kg

**SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.244 mW/g



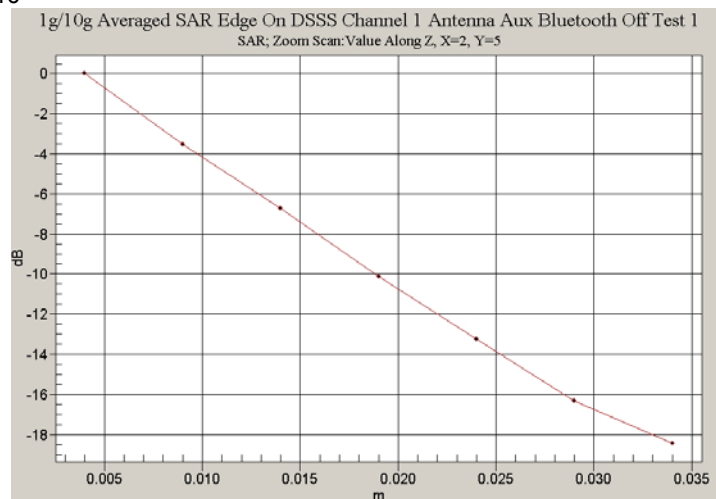
0 dB = 0.244mW/g

**SAR MEASUREMENT PLOT 12**

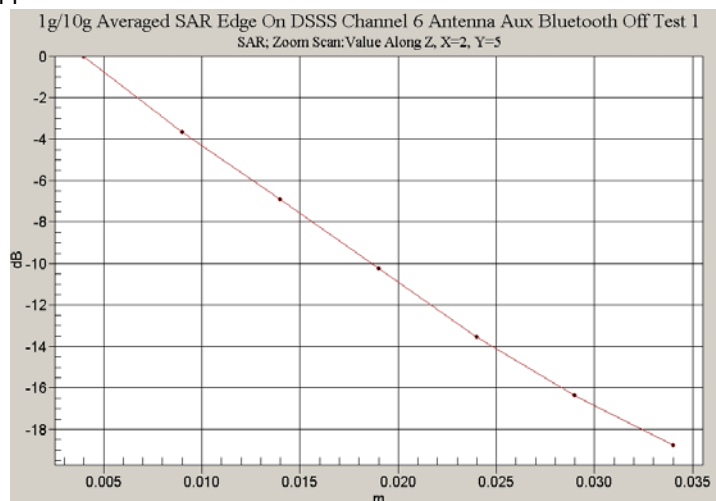
Ambient Temperature  
Liquid Temperature  
Humidity

20.6 Degrees Celsius  
20.1 Degrees Celsius  
47.0 %

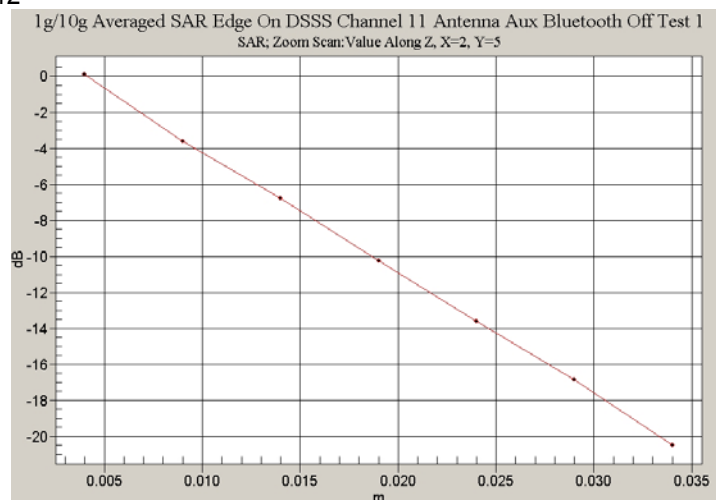
Z-Axis Graph for Plot 10



Z-Axis Graph for Plot 11



Z-Axis Graph for Plot 12



Test Date: 02 September 2006

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DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

\* Communication System: DSSS 2450 MHz; Frequency: 2412 MHz; Duty Cycle: 1:1

\* Medium parameters used:  $\sigma = 1.92277$  mho/m,  $\epsilon_r = 51.2123$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)

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

**Channel 01 Test/Area Scan (81x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.276 mW/g

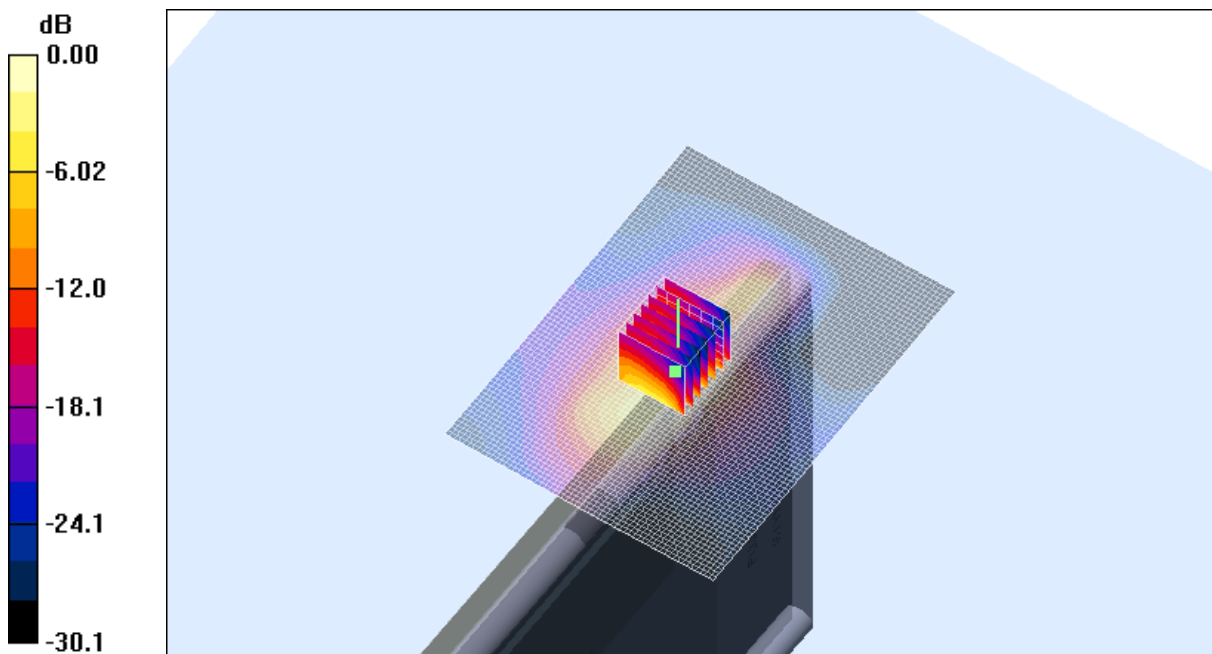
**Channel 01 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.05 V/m; Power Drift = 0.426 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.156 mW/g**

Maximum value of SAR (measured) = 0.479 mW/g



0 dB = 0.479mW/g

**SAR MEASUREMENT PLOT 13**

Ambient Temperature  
Liquid Temperature  
Humidity

20.6 Degrees Celsius  
20.1 Degrees Celsius  
47.0 %

Test Date: 02 September 2006

File Name: [Edge On DSSS 2.45 GHz Antenna Main Bluetooth Off 02-09-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

\* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1

\* Medium parameters used:  $\sigma = 1.96174$  mho/m,  $\epsilon_r = 51.093$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)

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

**Channel 06 Test/Area Scan (81x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.456 mW/g

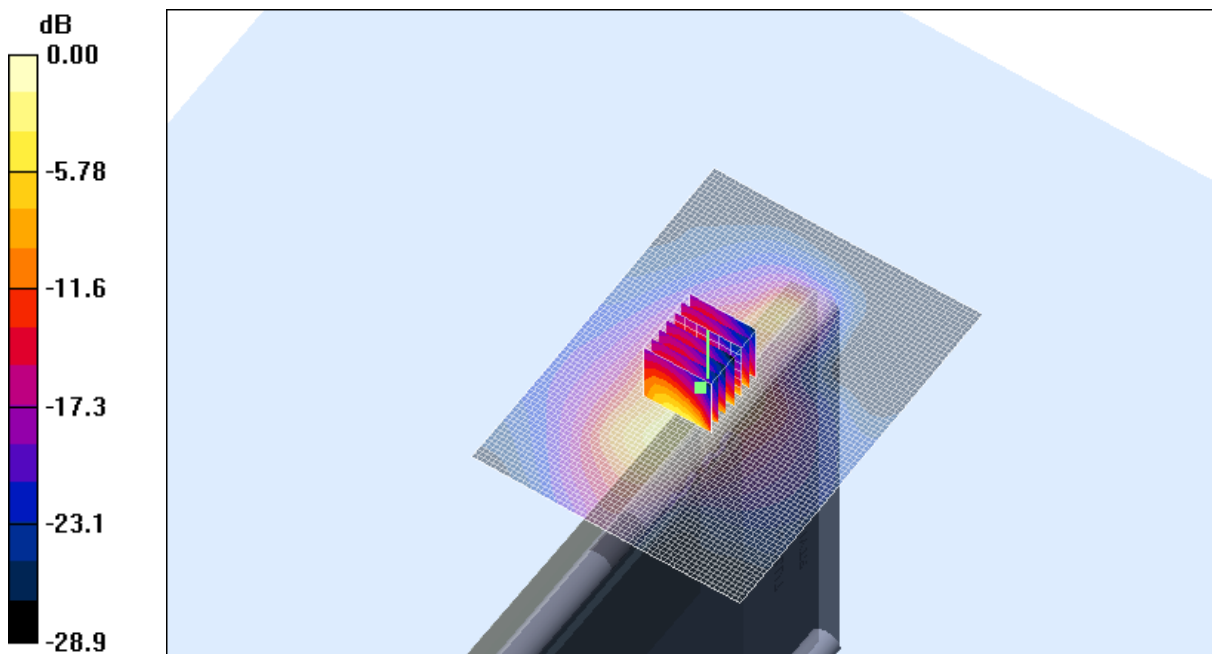
**Channel 06 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.266 mW/g**

Maximum value of SAR (measured) = 0.807 mW/g



0 dB = 0.807mW/g

**SAR MEASUREMENT PLOT 14**

Ambient Temperature  
Liquid Temperature  
Humidity

20.6 Degrees Celsius  
20.1 Degrees Celsius  
47.0 %

Test Date: 02 September 2006

File Name: [Edge On DSSS 2.45 GHz Antenna Main Bluetooth Off 02-09-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

\* Communication System: DSSS 2450 MHz; Frequency: 2462 MHz; Duty Cycle: 1:1

\* Medium parameters used:  $\sigma = 1.99904$  mho/m,  $\epsilon_r = 50.9571$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)

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

**Channel 11 Test/Area Scan (81x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.393 mW/g

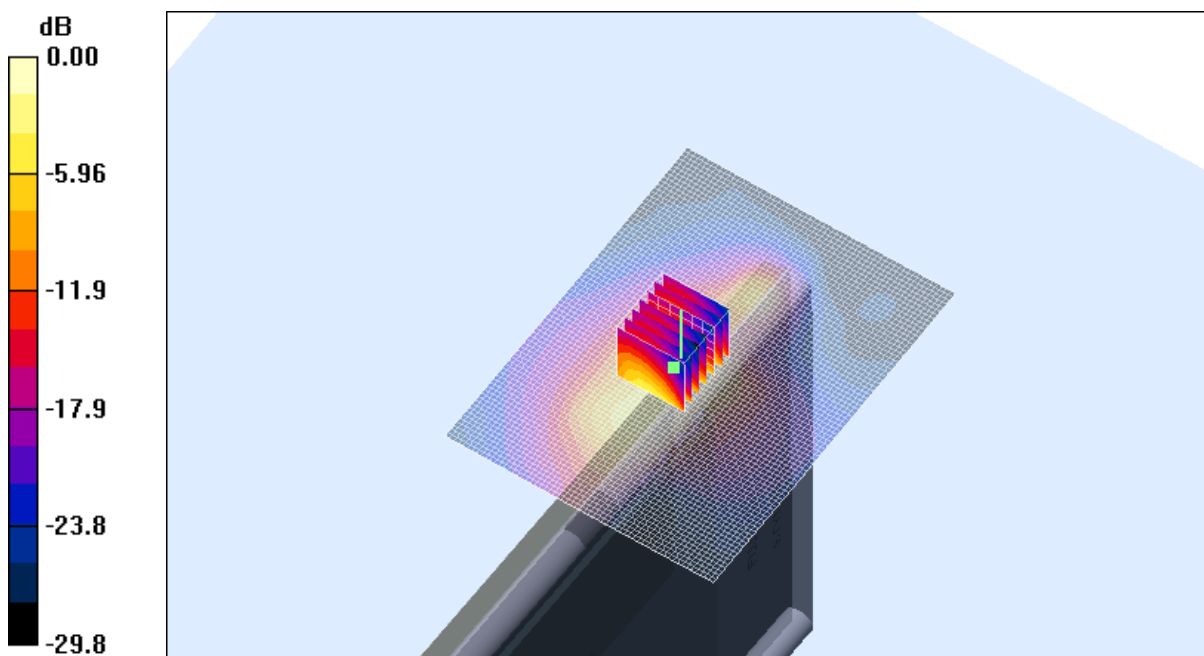
**Channel 11 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = 0.186 dB

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.238 mW/g**

Maximum value of SAR (measured) = 0.717 mW/g

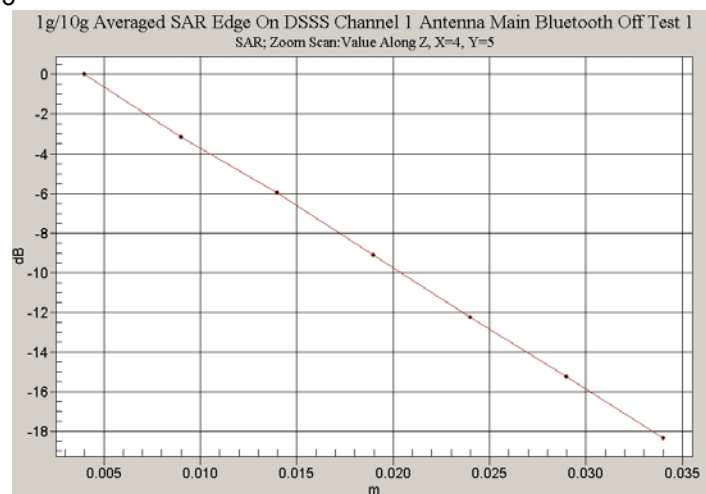


**SAR MEASUREMENT PLOT 15**

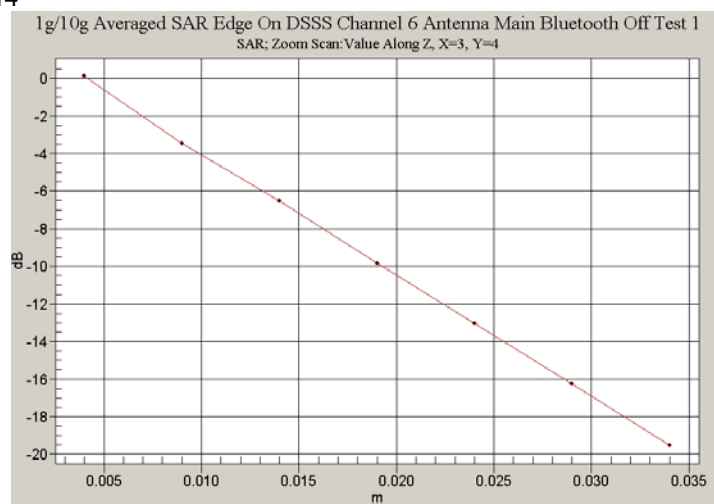
Ambient Temperature  
Liquid Temperature  
Humidity

20.6 Degrees Celsius  
20.1 Degrees Celsius  
47.0 %

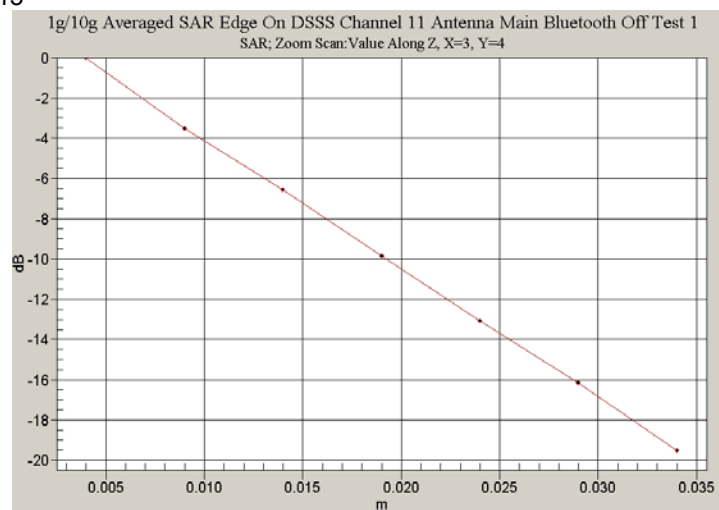
Z-Axis Graph for Plot 13



Z-Axis Graph for Plot 14



Z-Axis Graph for Plot 15



Test Date: 04 September 2006

File Name: [Edge On DSSS 2.45 GHz Antenna Main Bluetooth On 04-09-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

\* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1

\* Medium parameters used:  $\sigma = 1.90878$  mho/m,  $\epsilon_r = 54.1369$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)

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

**Channel 06 Test/Area Scan (81x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.428 mW/g

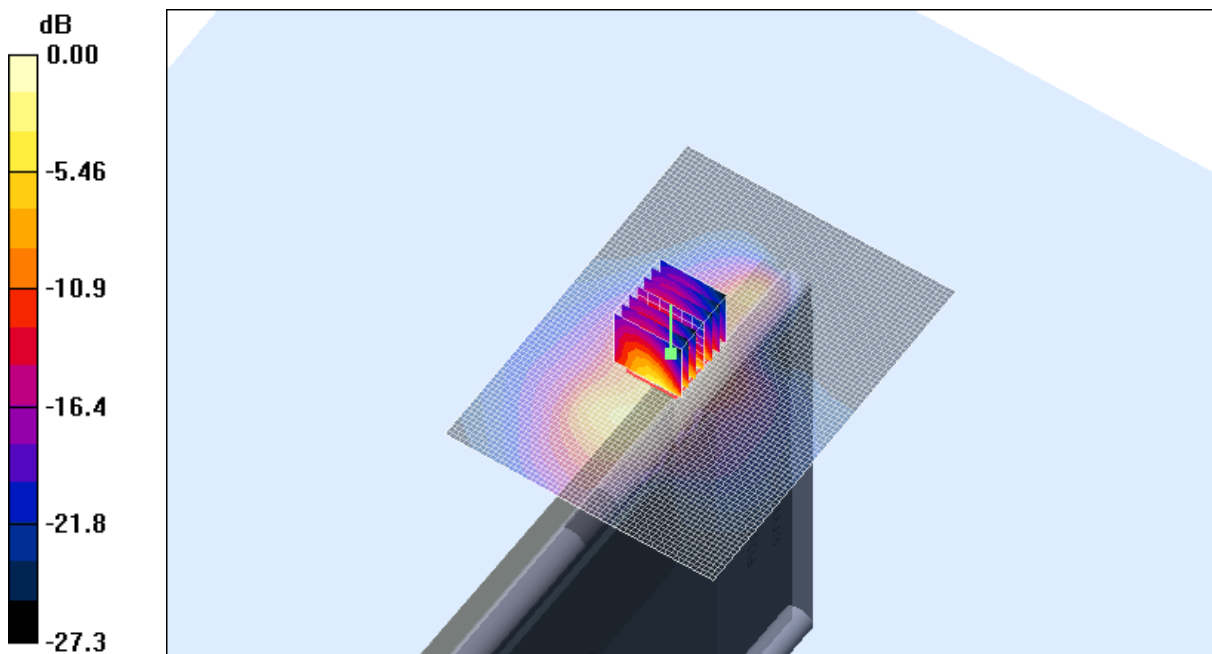
**Channel 06 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = 0.230 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.259 mW/g**

Maximum value of SAR (measured) = 0.812 mW/g



0 dB = 0.812mW/g

**SAR MEASUREMENT PLOT 16**

Ambient Temperature  
Liquid Temperature  
Humidity

21.5 Degrees Celsius  
21.2 Degrees Celsius  
40.0 %

Test Date: 02 September 2006

File Name: [Tablet OFDM 2.45 GHz Antenna Main Bluetooth Off 02-09-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

\* Communication System: OFDM 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1

\* Medium parameters used:  $\sigma = 1.96174$  mho/m,  $\epsilon_r = 51.093$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)

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

**Channel 06 Test/Area Scan (81x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.321 mW/g

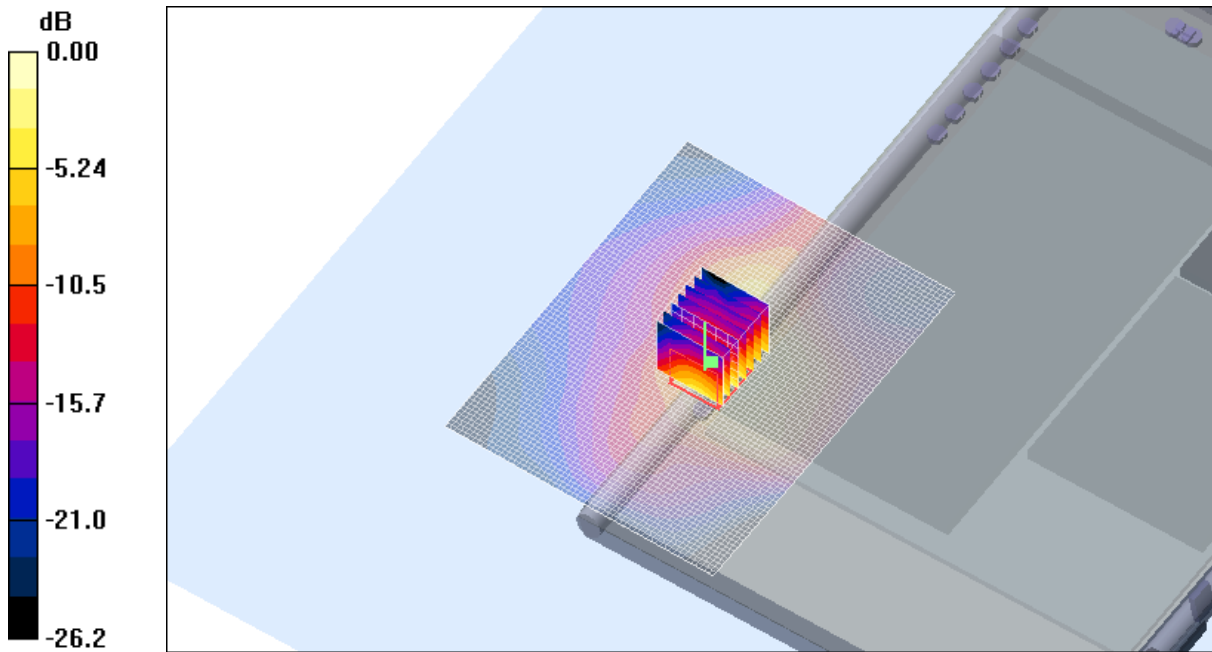
**Channel 06 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.19 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.654 W/kg

**SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.111 mW/g**

Maximum value of SAR (measured) = 0.300 mW/g



0 dB = 0.300mW/g

**SAR MEASUREMENT PLOT 17**

Ambient Temperature  
Liquid Temperature  
Humidity

20.6 Degrees Celsius  
20.1 Degrees Celsius  
47.0 %

Test Date: 02 September 2006

File Name: [Arm Held OFDM 2.45 GHz Antenna Aux Bluetooth Off 02-09-06.da4](#)

DUT: Fujitsu Tablet Osian with Golan 11abg Module; Type: 3945 AG; Serial: 00EFAF365CVD26533002

\* Communication System: OFDM 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1

\* Medium parameters used:  $\sigma = 1.96174$  mho/m,  $\epsilon_r = 51.093$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)

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

**Channel 06 Test/Area Scan (81x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.242 mW/g

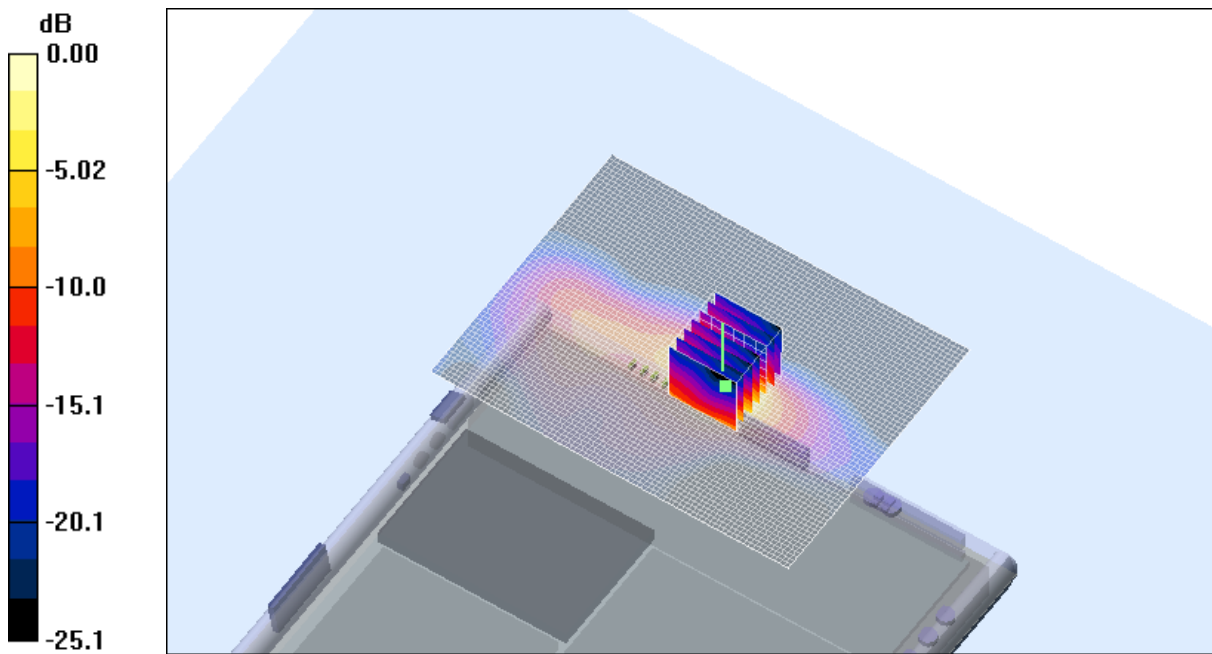
**Channel 06 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = -0.208 dB

Peak SAR (extrapolated) = 0.826 W/kg

**SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.114 mW/g**

Maximum value of SAR (measured) = 0.354 mW/g



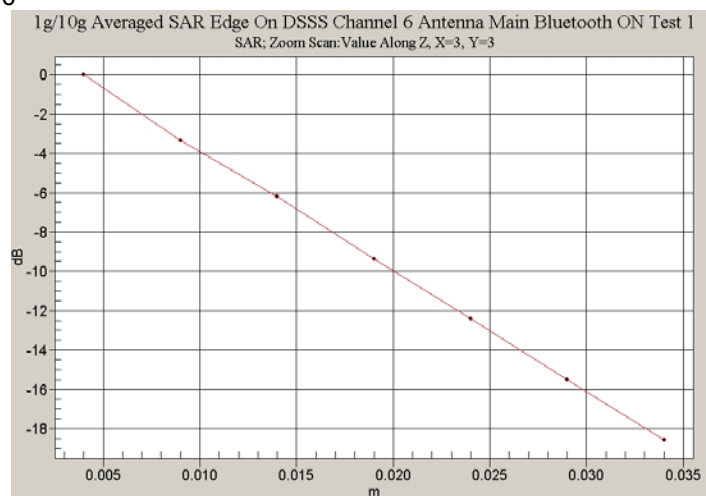
0 dB = 0.354mW/g

**SAR MEASUREMENT PLOT 18**

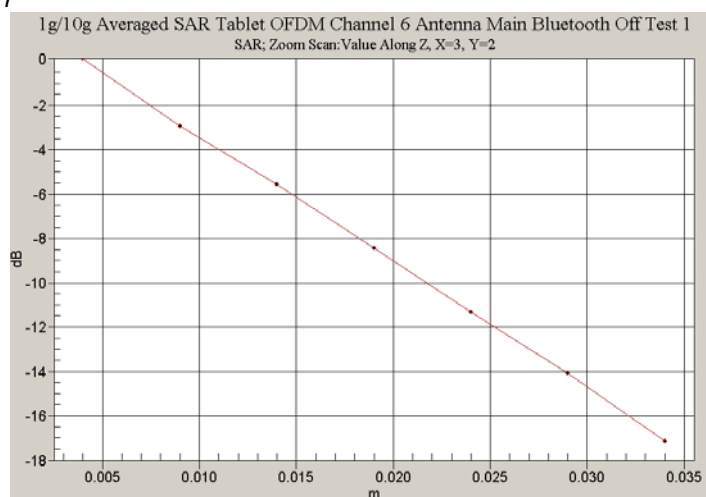
Ambient Temperature  
Liquid Temperature  
Humidity

20.6 Degrees Celsius  
20.1 Degrees Celsius  
47.0 %

Z-Axis Graph for Plot 16



Z-Axis Graph for Plot 17



Z-Axis Graph for Plot 18

