

Test Date: 07 September 2006

File Name: [Tablet DSSS 2450 MHz Antenna Aux Bluetooth On Prescan 07-09-06.da4](#)

DUT: Fujitsu Tablet Chalice with Golan 11abg and Bluetooth; Type: 3945 ABG; Serial: Host: R6700003

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

* Medium parameters used: $\sigma = 1.92466$ mho/m, $\epsilon_r = 50.9628$; $\rho = 1000$ kg/m³

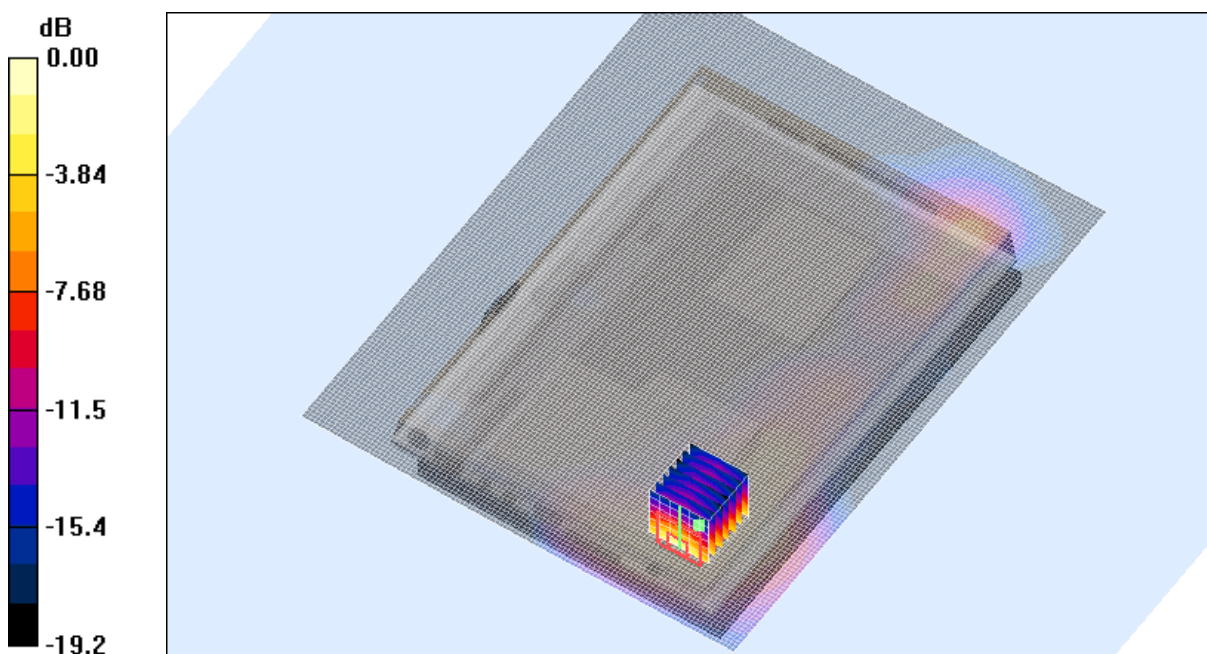
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(4.2, 4.2, 4.2)

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

Channel 6 Bluetooth at 2441 MHz Test/Area Scan (111x141x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.105 mW/g



0 dB = 0.158mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
20.0 Degrees Celsius
41.0 %

Test Date: 06 September 2006

File Name: [Edge On DSSS 2450 MHz Antenna Aux Side Bluetooth Off 06-09-06.da4](#)

DUT: Fujitsu Tablet Chalice with Golan 11abg and Bluetooth; Type: 3945 ABG; Serial: Host: R6700003

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

* Medium parameters used: $\sigma = 1.88656$ mho/m, $\epsilon_r = 50.8563$; $\rho = 1000$ kg/m³

- 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 1 Test/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.065 mW/g

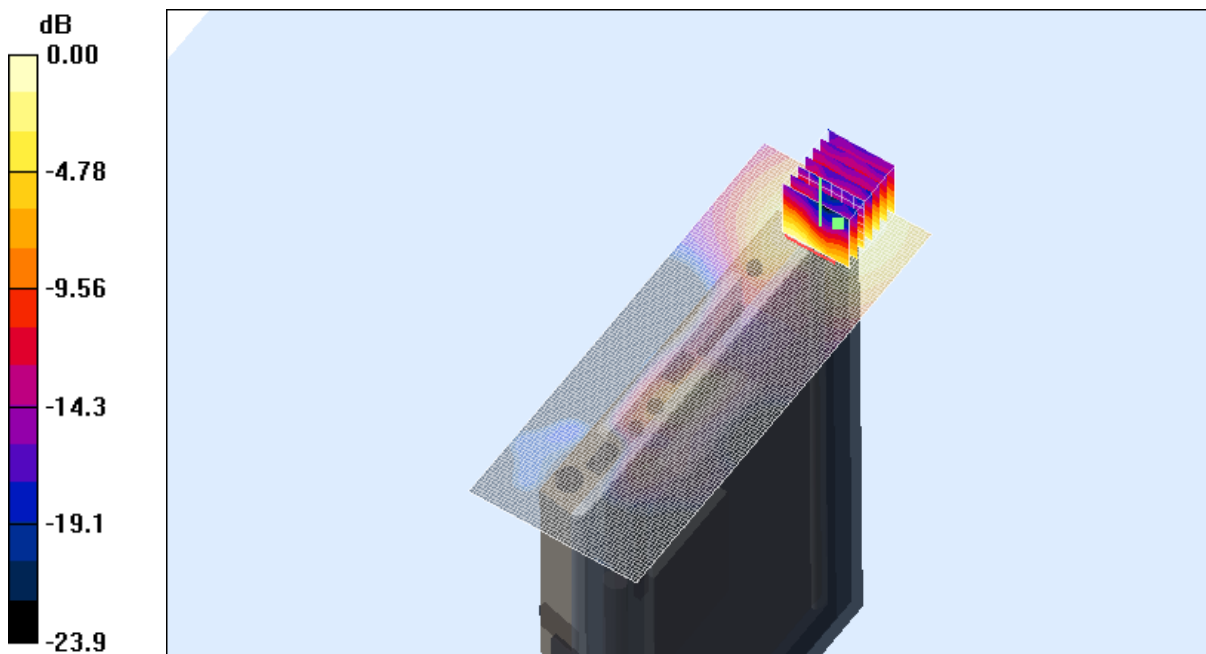
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.60 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.073 mW/g



0 dB = 0.073mW/g

SAR MEASUREMENT PLOT 10

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
43.0 %

Test Date: 06 September 2006

File Name: [Edge On DSSS 2450 MHz Antenna Aux Side Bluetooth Off 06-09-06.da4](#)

DUT: Fujitsu Tablet Chalice with Golan 11abg and Bluetooth; Type: 3945 ABG; Serial: Host: R6700003

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

* Medium parameters used: $\sigma = 1.92741$ mho/m, $\epsilon_r = 50.7612$; $\rho = 1000$ kg/m³

- 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 6 Test/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.125 mW/g

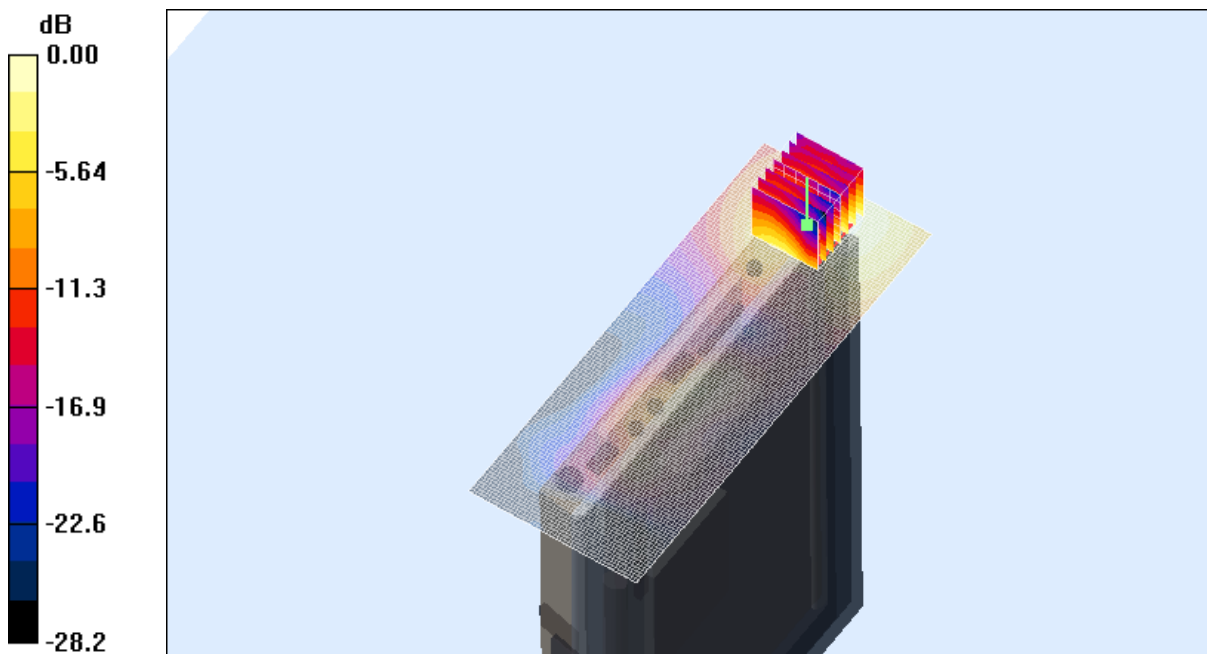
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.13 V/m; Power Drift = -0.209 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.150mW/g

SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
43.0 %

Test Date: 06 September 2006

File Name: [Edge On DSSS 2450 MHz Antenna Aux Side Bluetooth Off 06-09-06.da4](#)

DUT: Fujitsu Tablet Chalice with Golan 11abg and Bluetooth; Type: 3945 ABG; Serial: Host: R6700003

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

* Medium parameters used: $\sigma = 1.96911$ mho/m, $\epsilon_r = 50.6287$; $\rho = 1000$ kg/m³

- 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 (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.159 mW/g

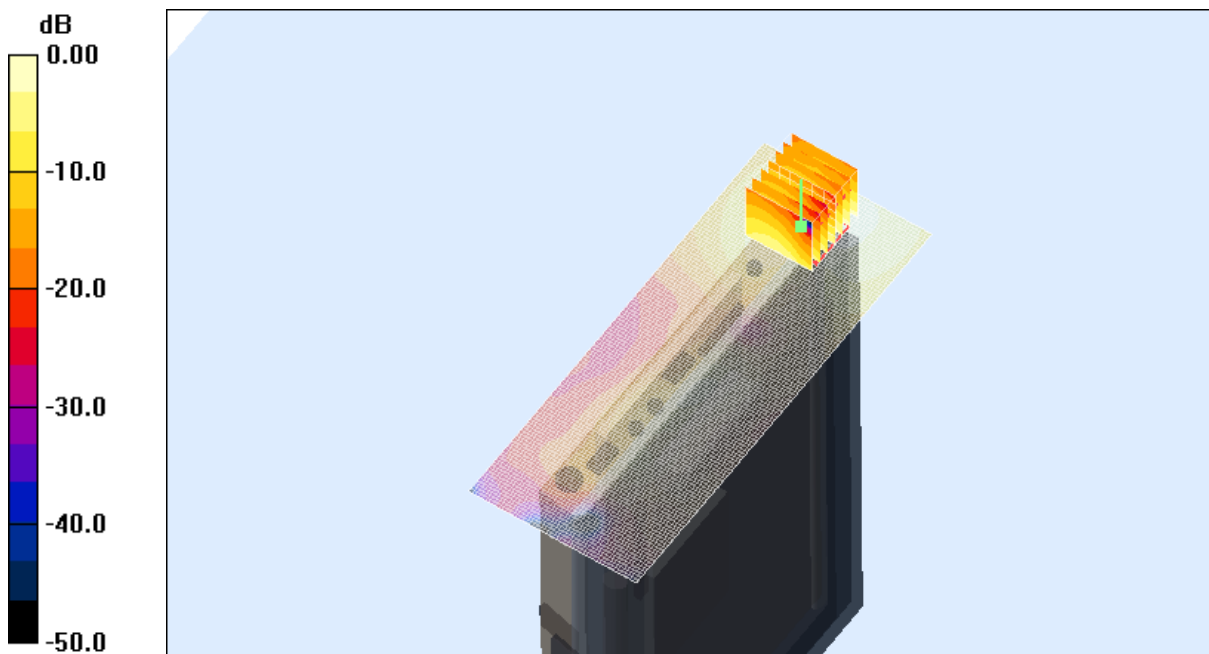
Channel 11 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.35 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.181 mW/g



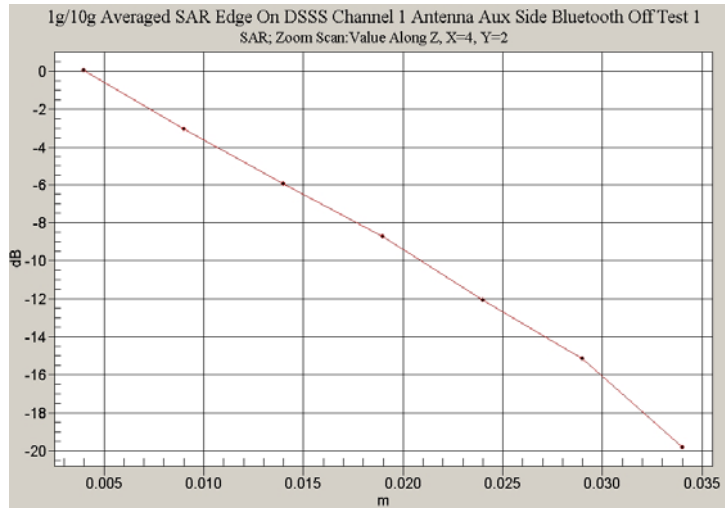
0 dB = 0.181mW/g

SAR MEASUREMENT PLOT 12

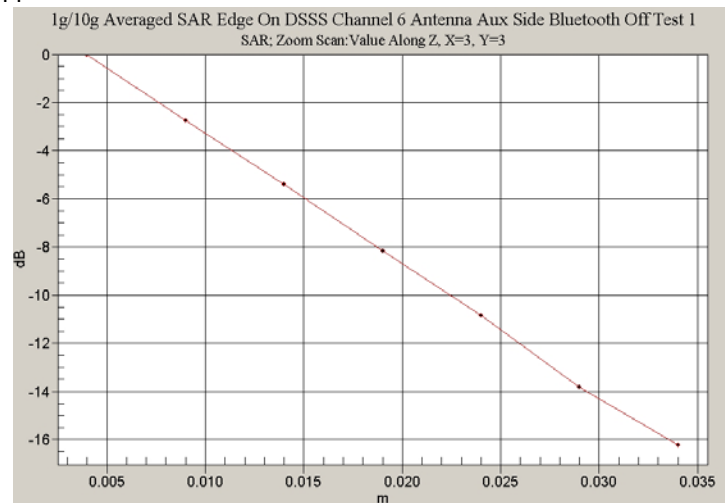
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
43.0 %

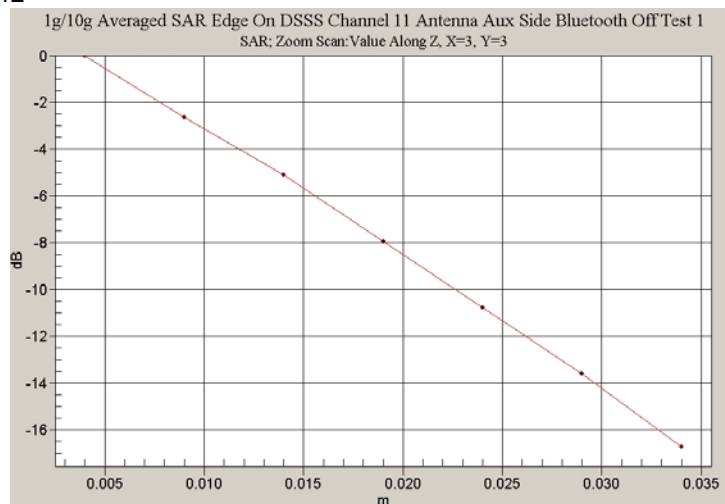
Z-Axis Graph for Plot 10



Z-Axis Graph for Plot 11



Z-Axis Graph for Plot 12



Test Date: 06 September 2006

File Name: [Arm Held DSSS 2450 MHz Antenna Main Bluetooth On 06-09-06.da4](#)

DUT: Fujitsu Tablet Chalice with Golan 11abg and Bluetooth; Type: 3945 ABG; Serial: Host: R6700003

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

* Medium parameters used: $\sigma = 1.96911$ mho/m, $\epsilon_r = 50.6287$; $\rho = 1000$ kg/m³

- 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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.612 mW/g

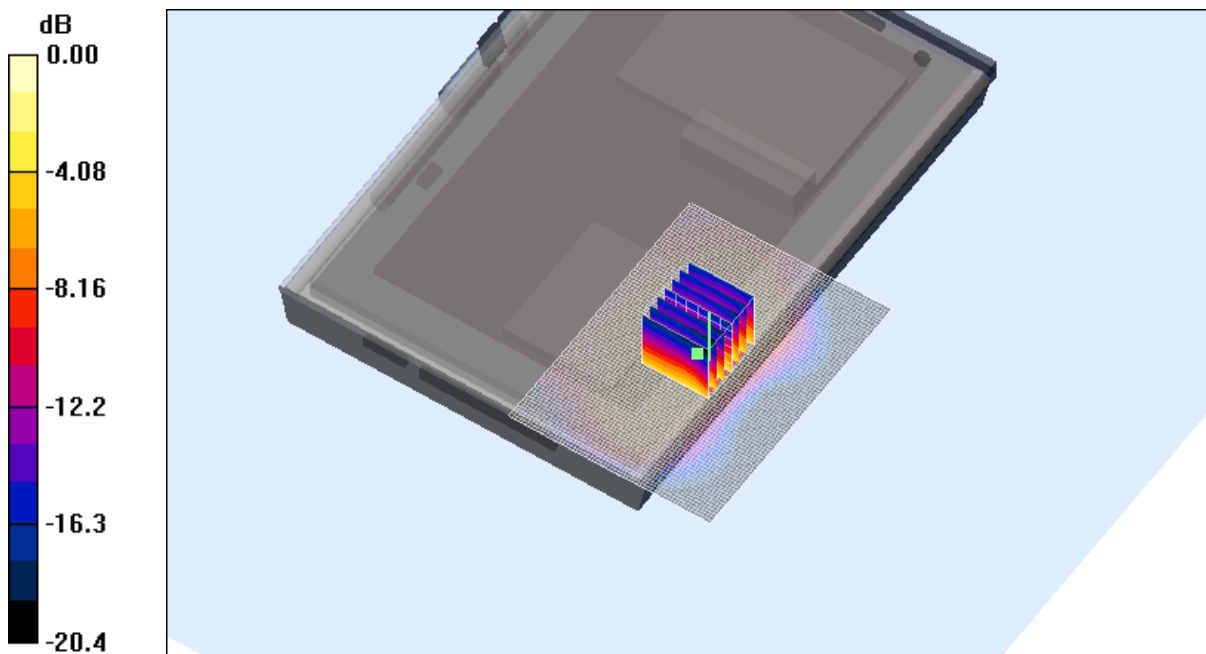
Channel 11 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = -0.238 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.577 mW/g



0 dB = 0.577mW/g

SAR MEASUREMENT PLOT 13

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
43.0 %

Test Date: 06 September 2006

File Name: [Arm Held OFDM 2450 MHz Antenna Aux Bluetooth Off 06-09-06.da4](#)

DUT: Fujitsu Tablet Chalice with Golan 11abg and Bluetooth; Type: 3945 ABG; Serial: Host: R6700003

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

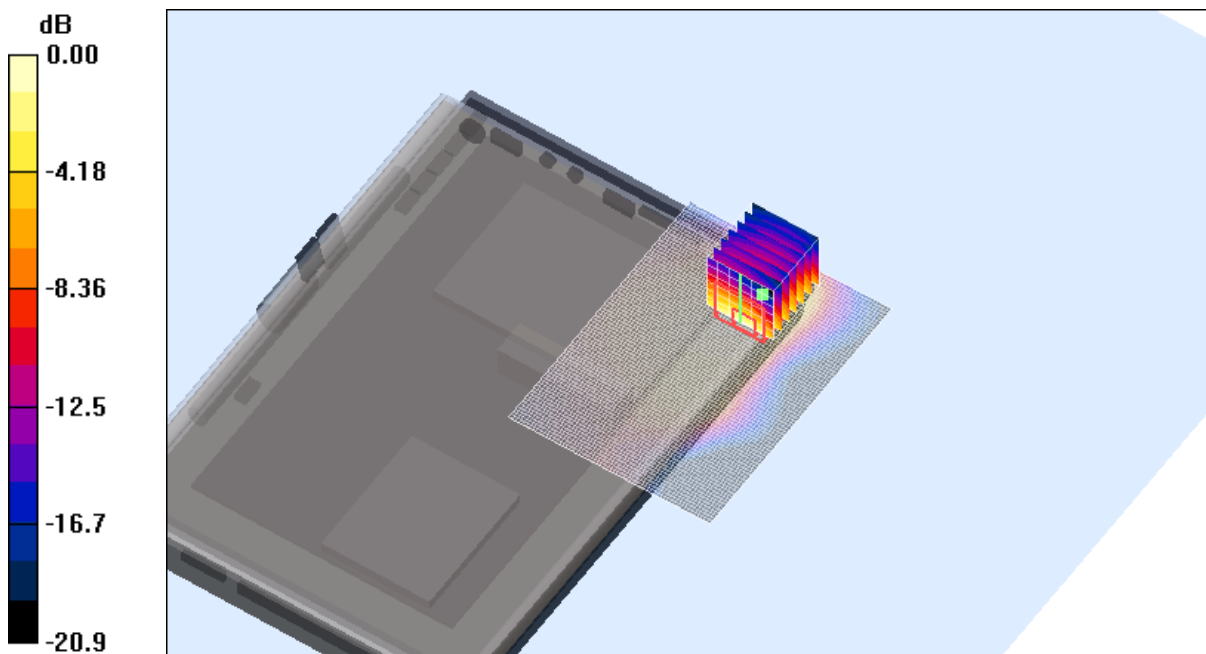
* Medium parameters used: $\sigma = 1.92741$ mho/m, $\epsilon_r = 50.7612$; $\rho = 1000$ kg/m³

- 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 6 Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.383 mW/g

Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 14.1 V/m; Power Drift = -0.491 dB
 Peak SAR (extrapolated) = 0.760 W/kg
SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.157 mW/g
 Maximum value of SAR (measured) = 0.331 mW/g



0 dB = 0.331mW/g

SAR MEASUREMENT PLOT 14

Ambient Temperature
 Liquid Temperature
 Humidity

20.2 Degrees Celsius
 19.8 Degrees Celsius
 43.0 %

Test Date: 06 September 2006

File Name: [Arm Held OFDM 2450 MHz Antenna Main Bluetooth Off 06-09-06.da4](#)

DUT: Fujitsu Tablet Chalice with Golan 11abg and Bluetooth; Type: 3945 ABG; Serial: Host: R6700003

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

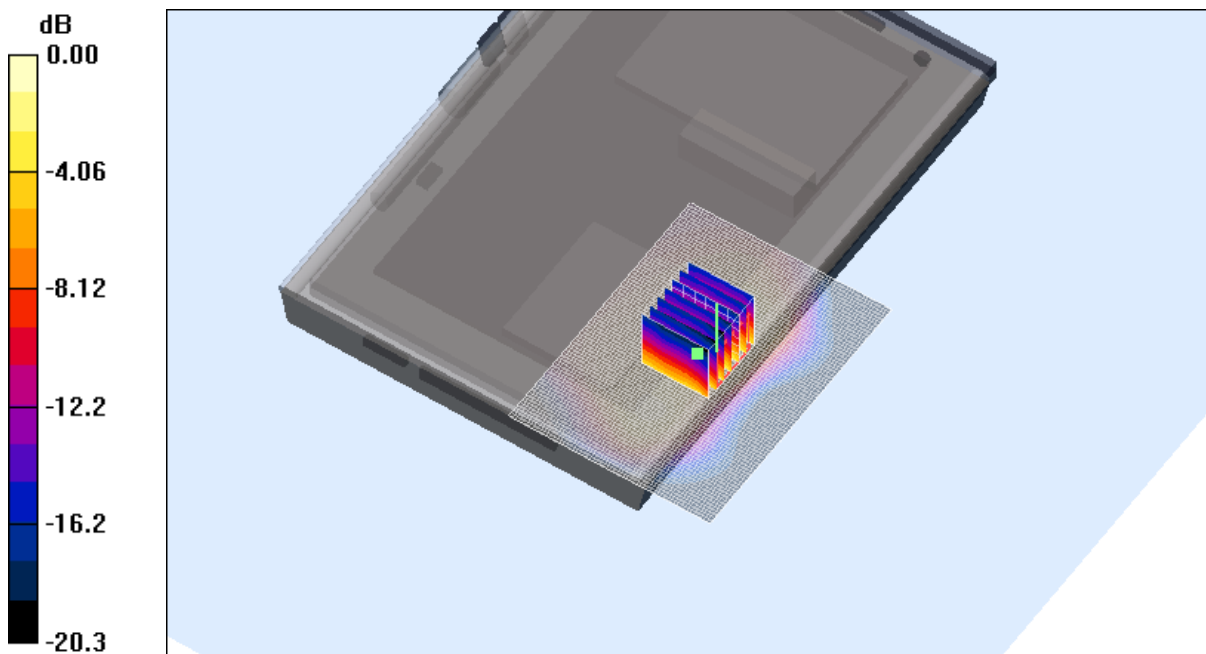
* Medium parameters used: $\sigma = 1.92741$ mho/m, $\epsilon_r = 50.7612$; $\rho = 1000$ kg/m³

- 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 6 Test/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.325 mW/g

Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = -0.186 dB
Peak SAR (extrapolated) = 0.728 W/kg
SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.335 mW/g



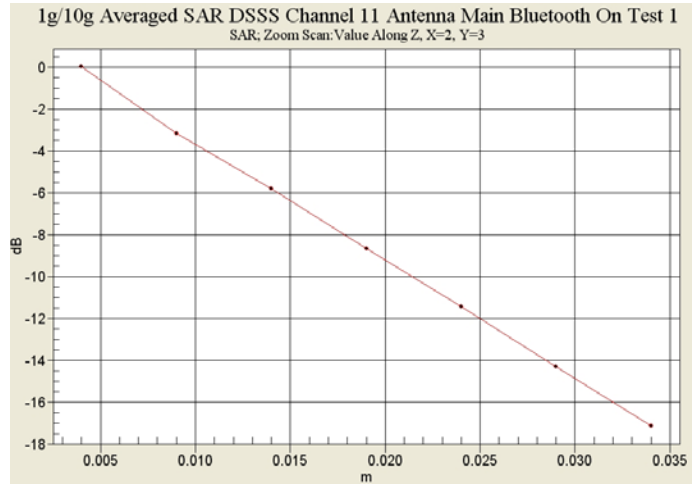
0 dB = 0.335mW/g

SAR MEASUREMENT PLOT 15

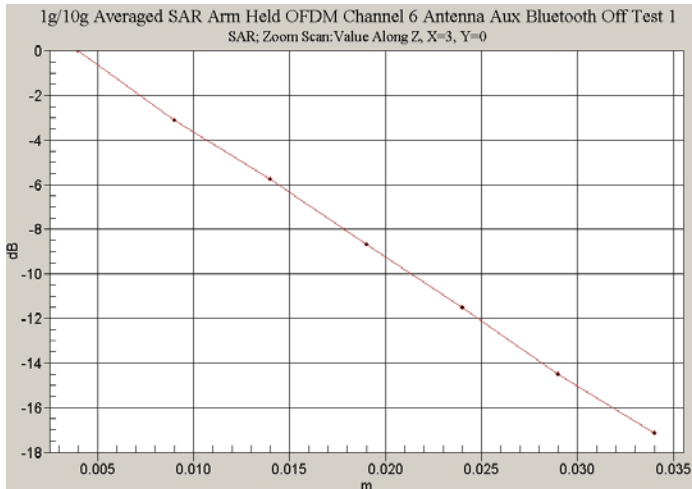
Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
19.8 Degrees Celsius
43.0 %

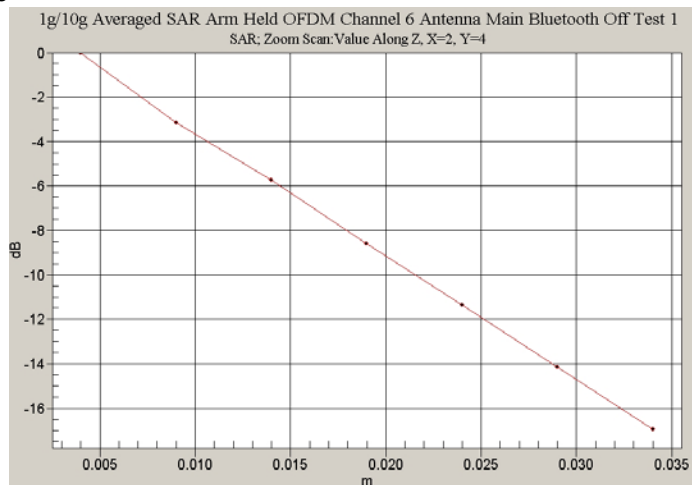
Z-Axis Graph for Plot 13



Z-Axis Graph for Plot 14



Z-Axis Graph for Plot 15



Test Date: 15 September 2006

File Name: [Arm Held OFDM 5.77 GHz Antenna Aux Bluetooth On Prescan 15-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Golan 11abg and Bluetooth; Type: 3945 ABG; Serial: Host: R6700003

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

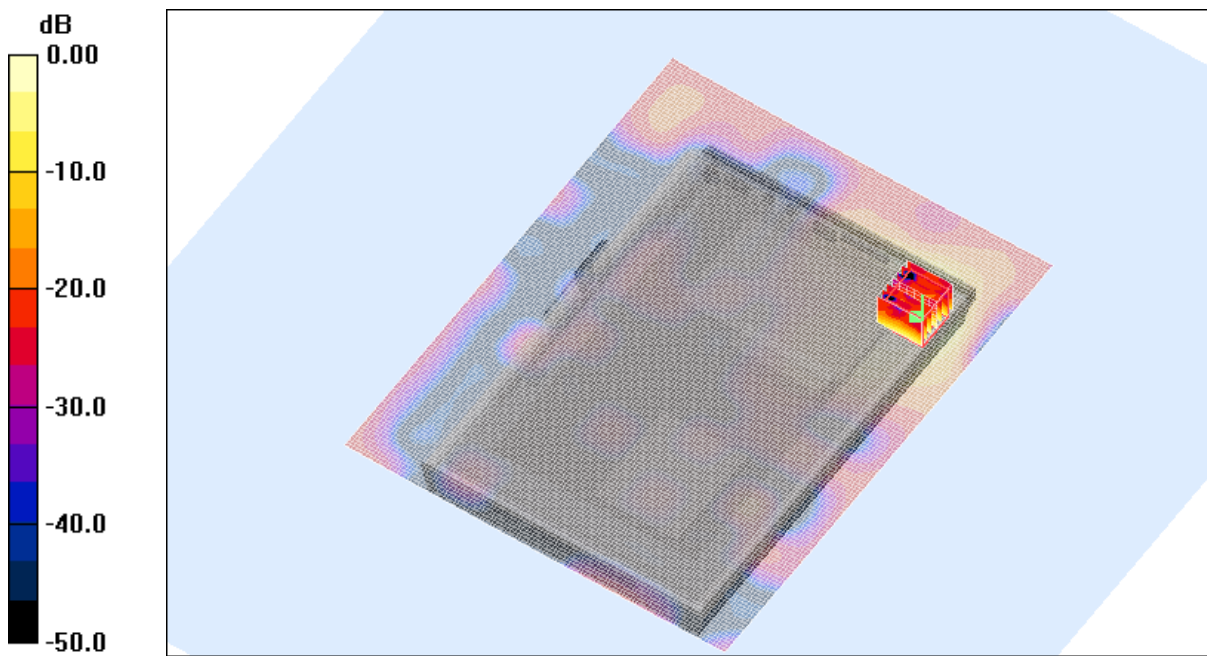
* Medium parameters used: $\sigma = 6.22884$ mho/m, $\epsilon_r = 44.0613$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)

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

Channel 157 Test/Area Scan (111x141x1): Measurement grid: dx=20mm, dy=20mm

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



0 dB = 2.28mW/g

SAR MEASUREMENT PLOT 16

Ambient Temperature
Liquid Temperature
Humidity

21.1 Degrees Celsius
20.6 Degrees Celsius
46.0 %

Test Date: 15 September 2006

File Name: [Arm Held OFDM 5.77 GHz Antenna Main Bluetooth Off Prescan 15-08-06.da4](#)

DUT: Fujitsu Tablet Chalice with Golan 11abg and Bluetooth; Type: 3945 ABG; Serial: Host: R6700003

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

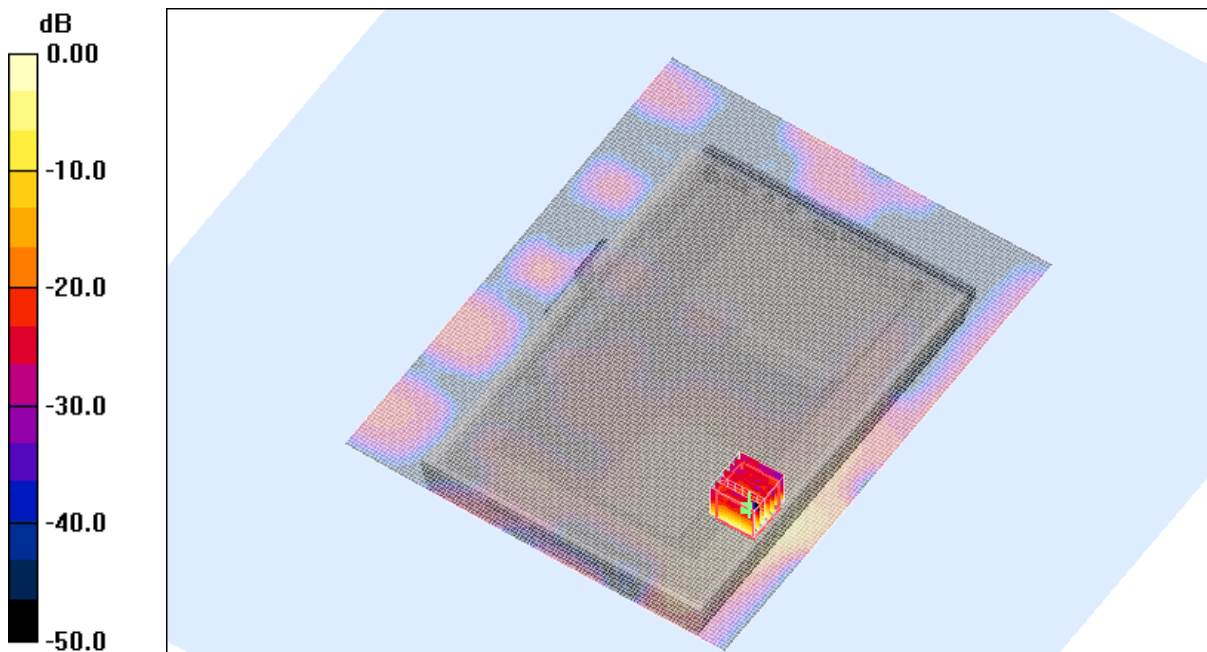
* Medium parameters used: $\sigma = 6.22884$ mho/m, $\epsilon_r = 44.0613$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)

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

Channel 157 Test/Area Scan (111x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.93 mW/g



0 dB = 3.01mW/g

SAR MEASUREMENT PLOT 17

Ambient Temperature
Liquid Temperature
Humidity

21.1 Degrees Celsius
20.6 Degrees Celsius
46.0 %

Test Date: 11 September 2006

File Name: [Arm Held OFDM 5.77 GHz Antenna Aux Bluetooth Off 11-09-06.da4](#)

DUT: Fujitsu Tablet Chalice with Golan 11abg and Bluetooth; Type: 3945 ABG; Serial: Host: R6700003

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

* Medium parameters used: $\sigma = 6.19386$ mho/m, $\epsilon_r = 44.2224$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)

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

Channel 149 Test/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.29 mW/g

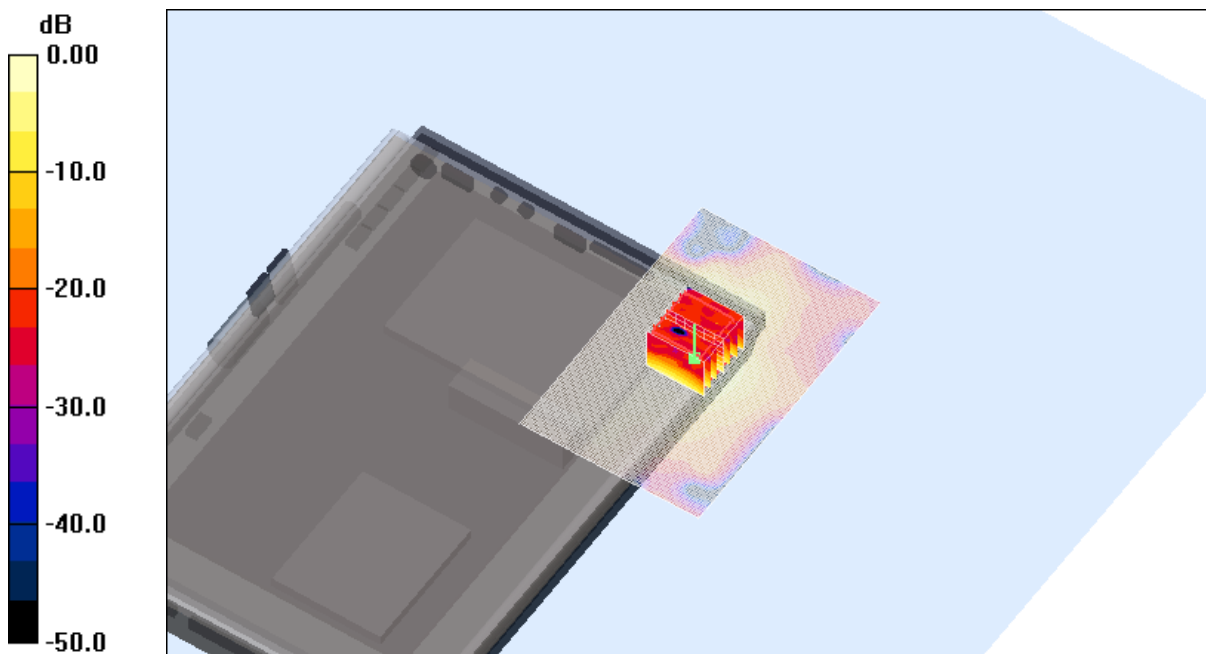
Channel 149 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 19.9 V/m; Power Drift = -0.197 dB

Peak SAR (extrapolated) = 4.89 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.384 mW/g

Maximum value of SAR (measured) = 2.30 mW/g



0 dB = 2.30mW/g

SAR MEASUREMENT PLOT 18

Ambient Temperature
Liquid Temperature
Humidity

20.3 Degrees Celsius
19.9 Degrees Celsius
37.0 %

Test Date: 15 September 2006

File Name: [Arm Held OFDM 5.77 GHz Antenna Aux Bluetooth Off 15-09-06.da4](#)

DUT: Fujitsu Tablet Chalice with Golan 11abg and Bluetooth; Type: 3945 ABG; Serial: Host: R6700003

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

* Medium parameters used: $\sigma = 6.22884 \text{ mho/m}$, $\epsilon_r = 44.0613$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)

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

Channel 157 Test/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

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

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

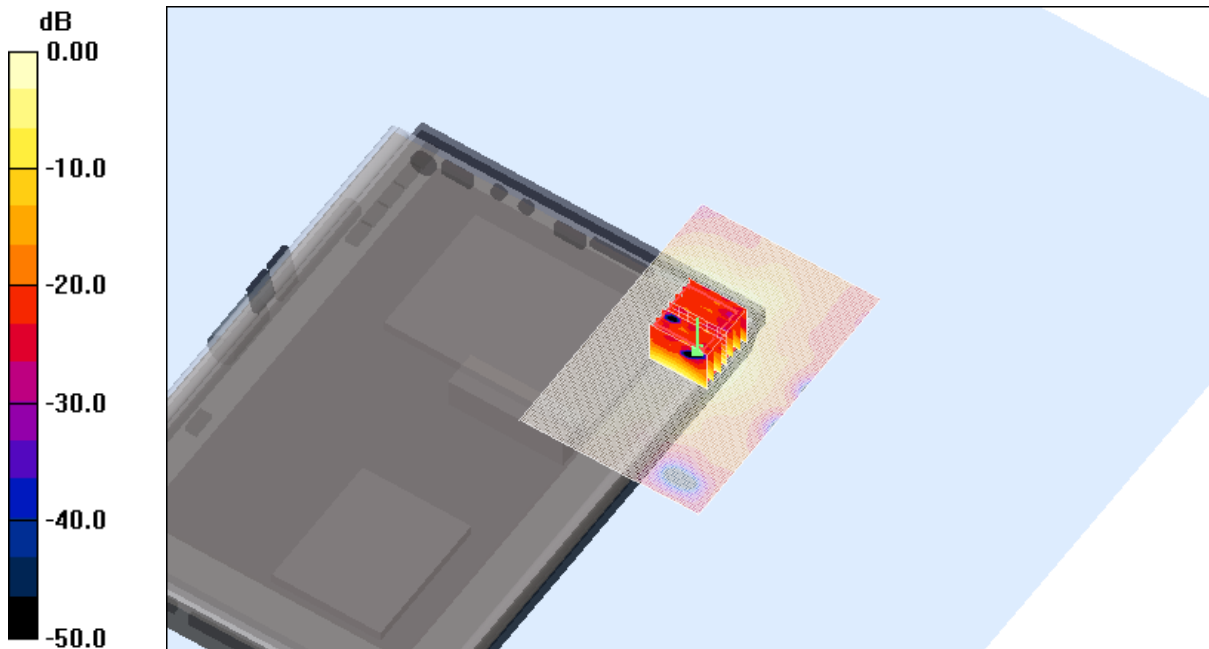
dz=3mm

Reference Value = 18.1 V/m; Power Drift = -0.483 dB

Peak SAR (extrapolated) = 4.21 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 2.02 mW/g



0 dB = 2.02mW/g

SAR MEASUREMENT PLOT 19

Ambient Temperature
Liquid Temperature
Humidity

21.1 Degrees Celsius
20.6 Degrees Celsius
46.0 %

Test Date: 15 September 2006

File Name: [Arm Held OFDM 5.77 GHz Antenna Aux Bluetooth Off 15-09-06.da4](#)

DUT: Fujitsu Tablet Chalice with Golan 11abg and Bluetooth; Type: 3945 ABG; Serial: Host: R6700003

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

* Medium parameters used: $\sigma = 6.28712$ mho/m, $\epsilon_r = 43.9571$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)

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

Channel 165 Test/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.14 mW/g

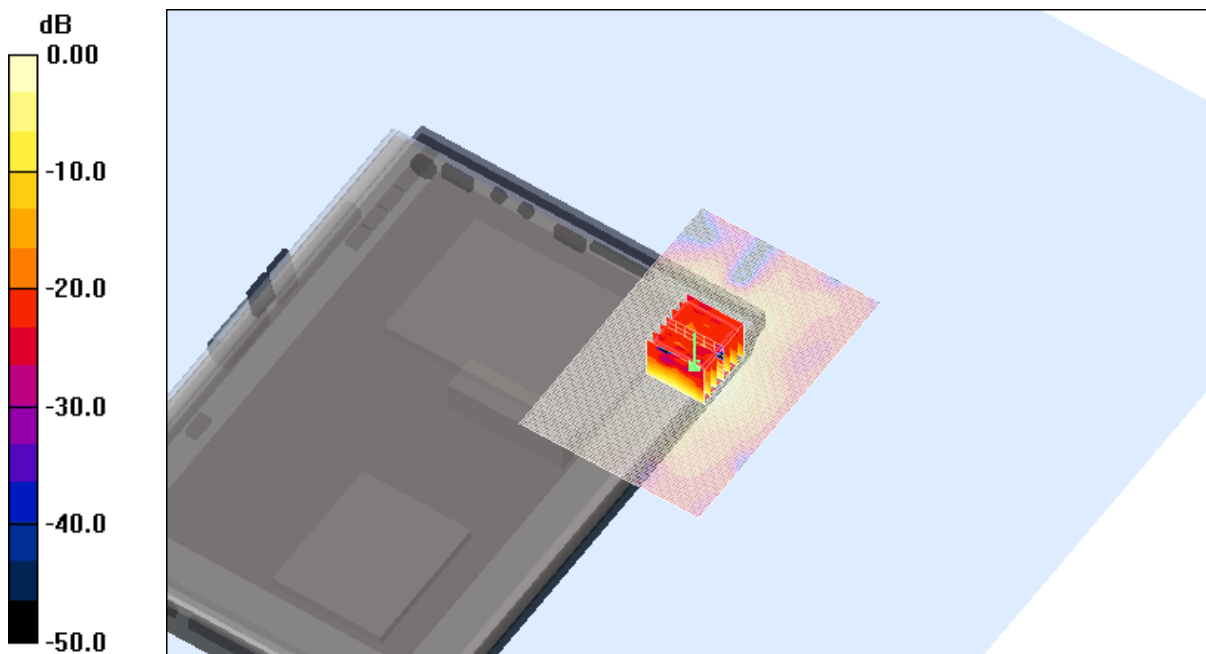
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 20.0 V/m; Power Drift = -0.461 dB

Peak SAR (extrapolated) = 4.27 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.352 mW/g

Maximum value of SAR (measured) = 2.04 mW/g



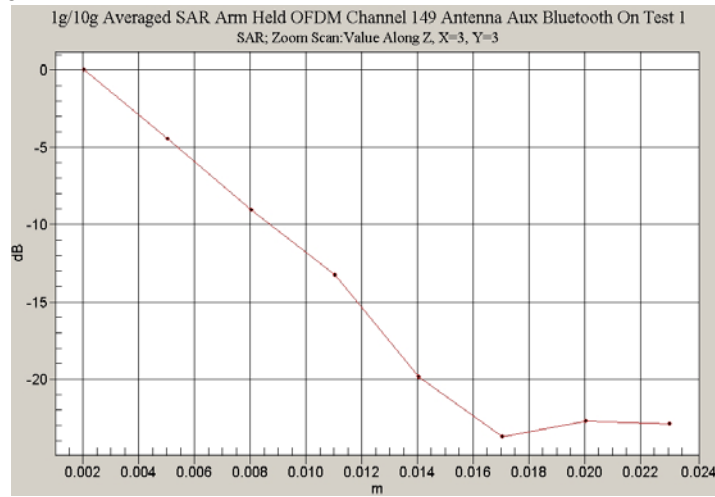
0 dB = 2.04mW/g

SAR MEASUREMENT PLOT 20

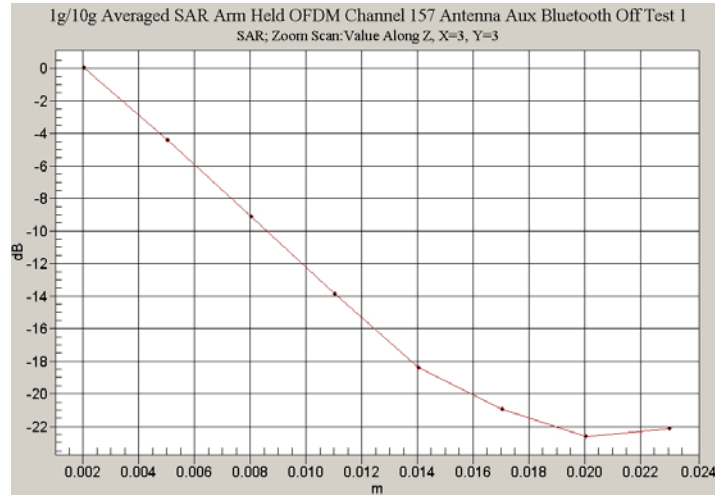
Ambient Temperature
Liquid Temperature
Humidity

21.1 Degrees Celsius
20.6 Degrees Celsius
46.0 %

Z-Axis Graph for Plot 18



Z-Axis Graph for Plot 19



Z-Axis Graph for Plot 20

