APPENDIX H2

EUT Plots – 5.6 GHz

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. The spatial peak SAR values were assessed with the procedure described in this report.

Table: SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
5.2 GHz Band SAR Results					
Lap On	1	C	6	-	52
Lap On	2	C	HT0	20	36
Lap On	3	C	HT0	20	52
Lap On	4	C	HT0	20	64
Lap On	5	C	HT0	40	54
Z-Axis graphs for Plots 1 to 5					
5.6 GHz Band SAR Results					
Lap On	6	C	6	-	100
Lap On	7	C	6	-	120
Lap On	8	C	6	-	140
Lap On	9	C	HT0	20	120
Lap On	10	C	HT0	40	118
Z-Axis graphs for Plots 6 to 10					
5.8 GHz Band SAR Results					
Lap On	11	C	6	-	157
Lap On	12	C	HT0	20	149
Lap On	13	C	HT0	20	157
Lap On	14	C	HT0	20	165
Lap On	15	C	HT0	40	159
Z-Axis graphs for Plots 11 to 15					
Validation Results					
20th March 08	16	Validation 5200 MHz			
25th March 08	17	Validation 5600 MHz			
26th March 08	18	Validation 5800 MHz			
Z-Axis graph for Plot 16 - 18					

Test Date: 20 March 2008

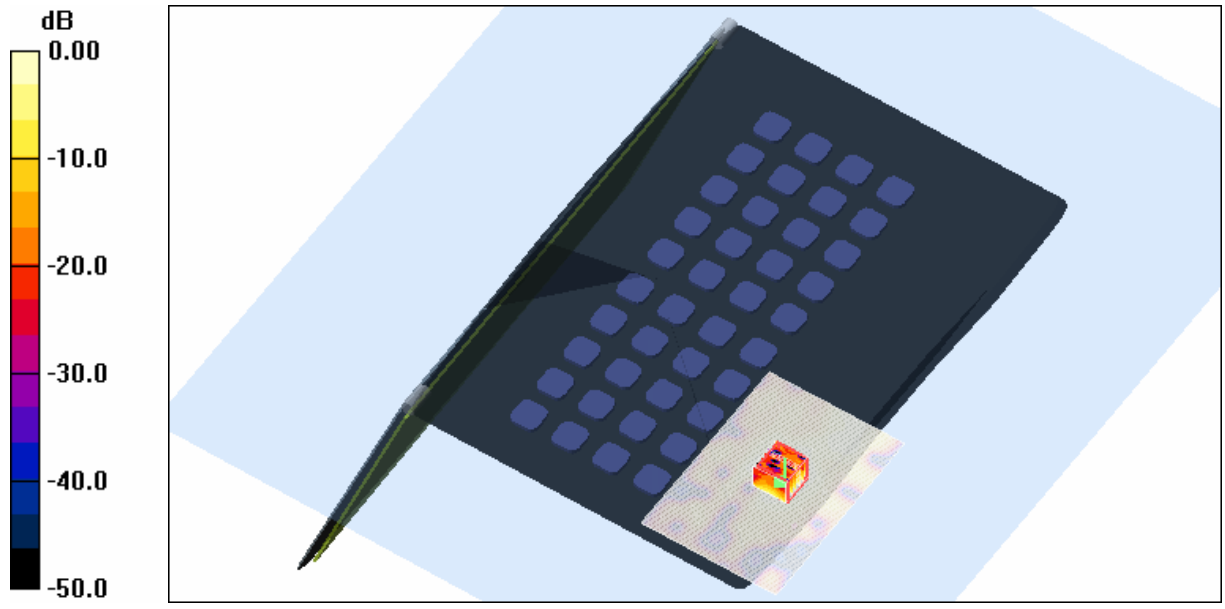
File Name: Laps On OFDM 5.2 GHz Ant C UWB Off 20-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5250 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.51501 mho/m, ε_r = 47.6019; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 052 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.783 mW/g

Channel 052 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.75 V/m; Power Drift = 0.130 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.670 mW/g



0 dB = 0.670mW/g

SAR MEASUREMENT PLOT 1

Ambient Temperature	**22.4 Degrees Celsius**
Liquid Temperature	**21.9 Degrees Celsius**
Humidity	**54.0 %**

Test Date: 20 March 2008

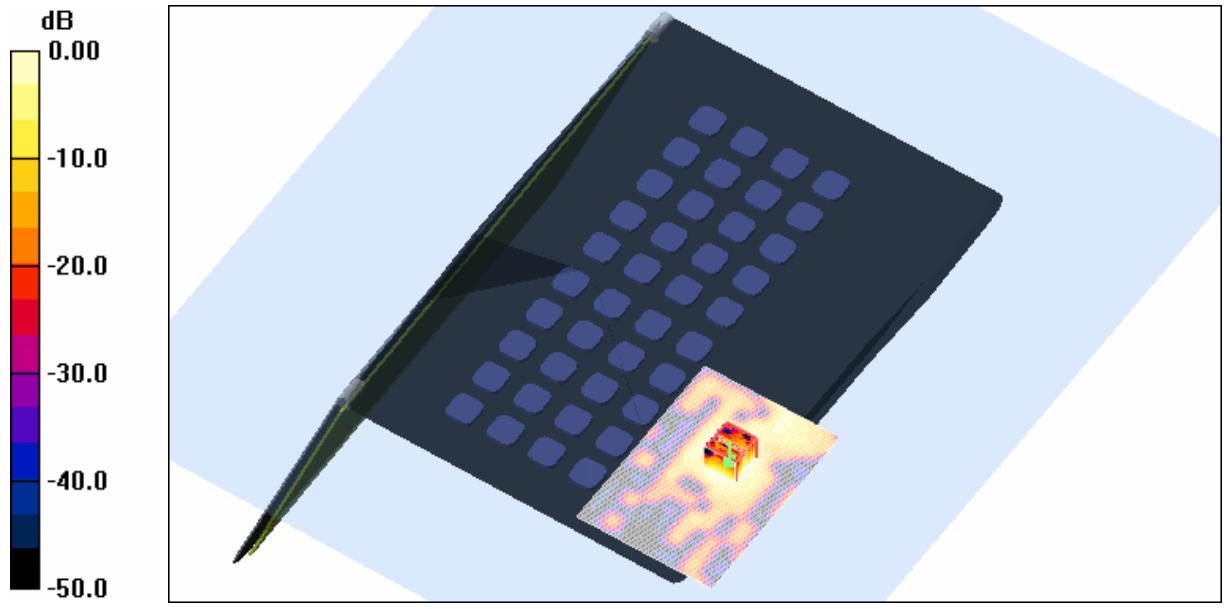
File Name: Laps On OFDM (20MHz HT0) 5.2 GHz Ant C UWB Off 20-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5250 MHz; Frequency: 5180 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.34737 mho/m, ε_r = 47.8689; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 036 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.495 mW/g

Channel 036 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.87 V/m; Power Drift = 0.412 dB
Peak SAR (extrapolated) = 0.796 W/kg
SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.488 mW/g



0 dB = 0.488mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature	**22.4 Degrees Celsius**
Liquid Temperature	**21.9 Degrees Celsius**
Humidity	**54.0 %**

Test Date: 20 March 2008

File Name: Laps On OFDM (20MHz HT0) 5.2 GHz Ant C UWB Off 20-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5250 MHz; Frequency: 5260 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.51501 mho/m, ε_r = 47.6019; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 052 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.887 mW/g

Channel 052 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.21 V/m; Power Drift = 0.109 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.907 mW/g

0 dB = 0.907mW/g

SAR MEASUREMENT PLOT 3

Ambient Temperature	**22.4 Degrees Celsius**
Liquid Temperature	**21.9 Degrees Celsius**
Humidity	**54.0 %**

Test Date: 20 March 2008

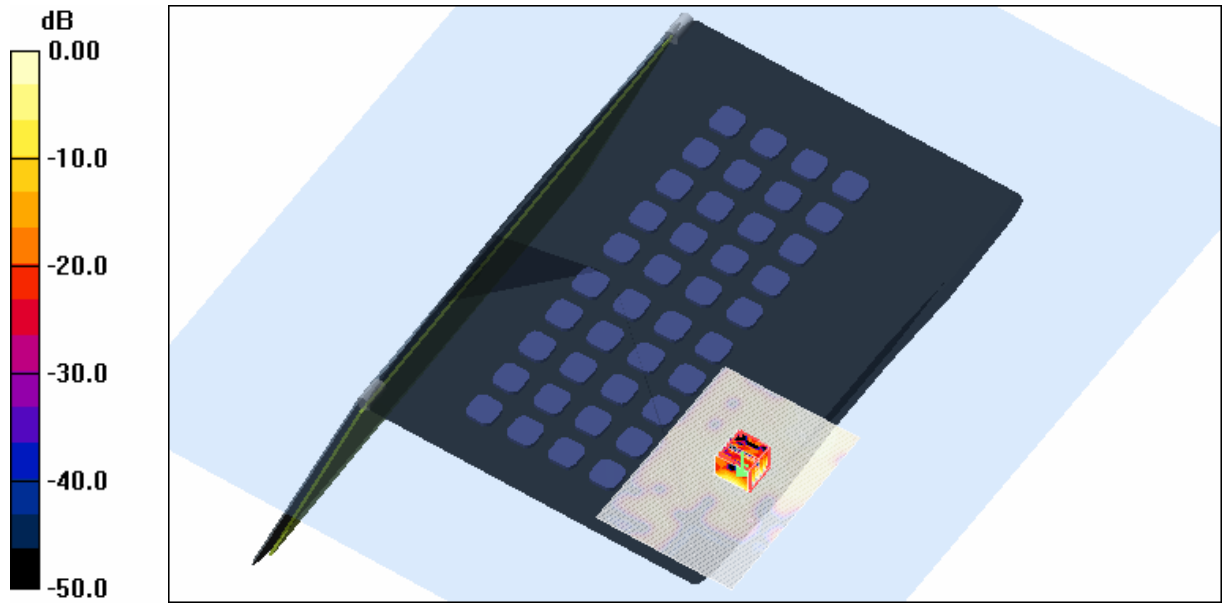
File Name: Laps On OFDM (20MHz HT0) 5.2 GHz Ant C UWB Off 20-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5250 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.62278 mho/m, ε_r = 47.4173; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 064 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.594 mW/g

Channel 064 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.14 V/m; Power Drift = 0.220 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.695 mW/g



0 dB = 0.695mW/g

SAR MEASUREMENT PLOT 4

Ambient Temperature	**22.4 Degrees Celsius**
Liquid Temperature	**21.9 Degrees Celsius**
Humidity	**54.0 %**

Test Date: 20 March 2008

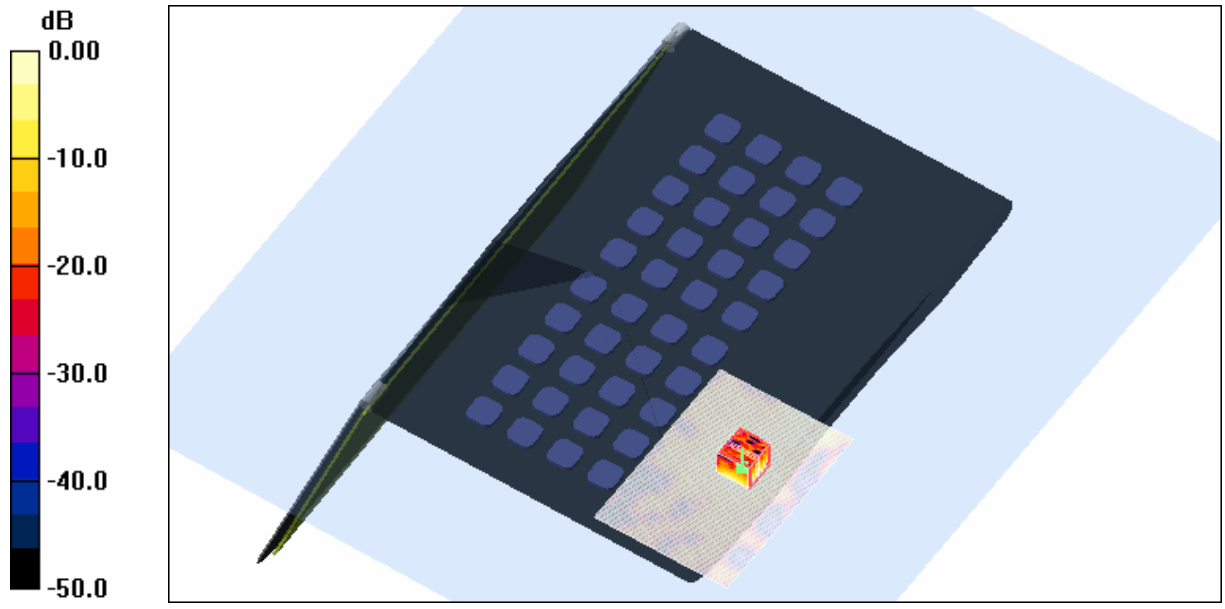
File Name: Laps On OFDM (40MHz HT0) 5.2 GHz Ant C UWB Off 20-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5250 MHz; Frequency: 5270 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.54704 mho/m, ε_r = 47.5396; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 054 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.752 mW/g

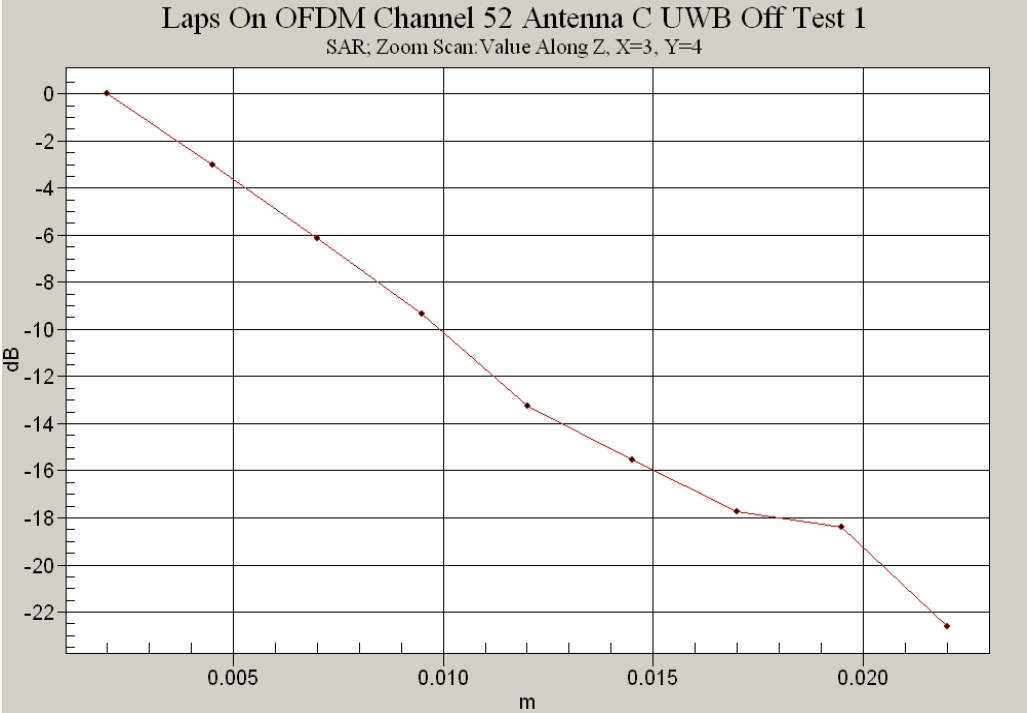
Channel 054 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.93 V/m; Power Drift = -0.276 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.146 mW/g
Maximum value of SAR (measured) = 0.796 mW/g

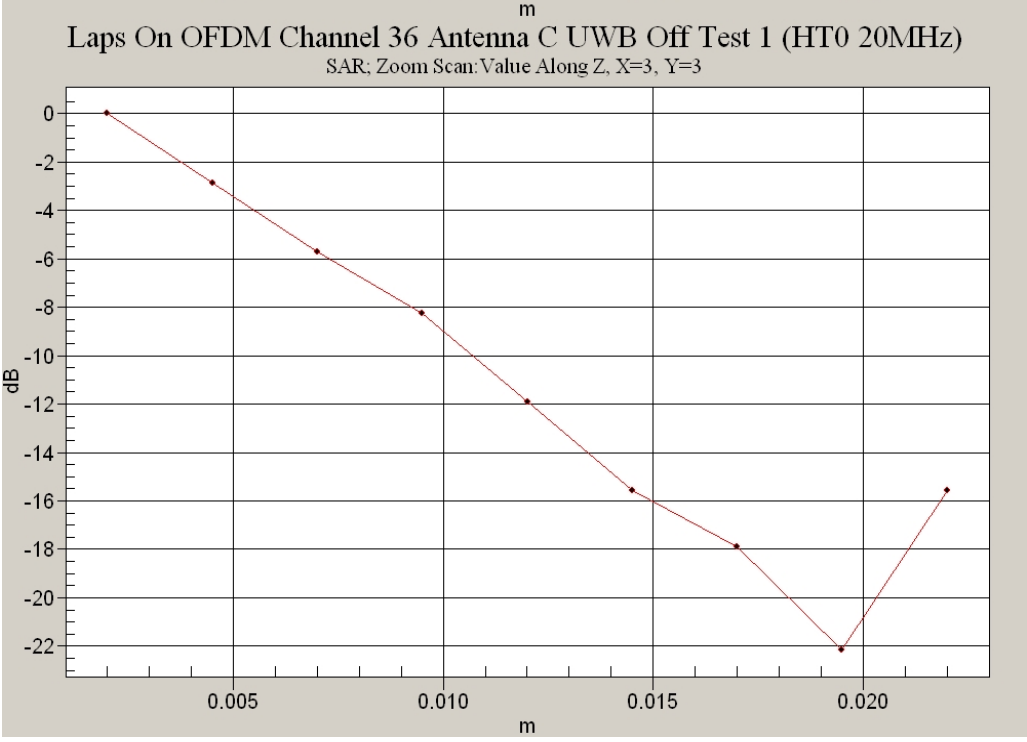


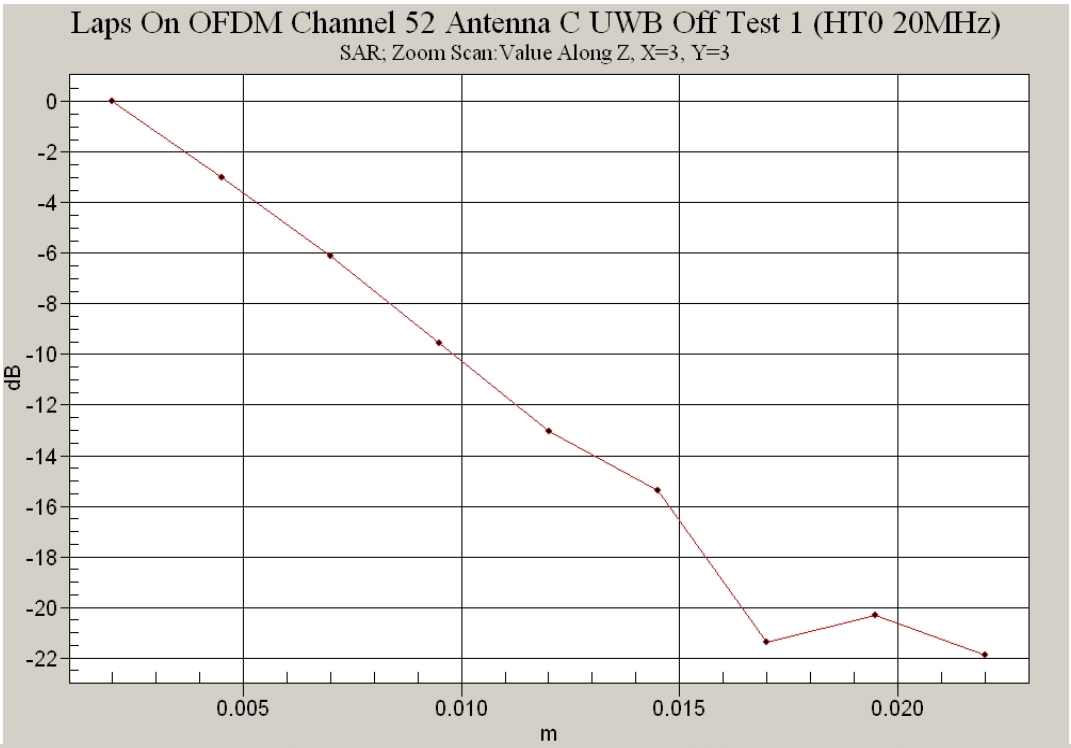
0 dB = 0.796mW/g

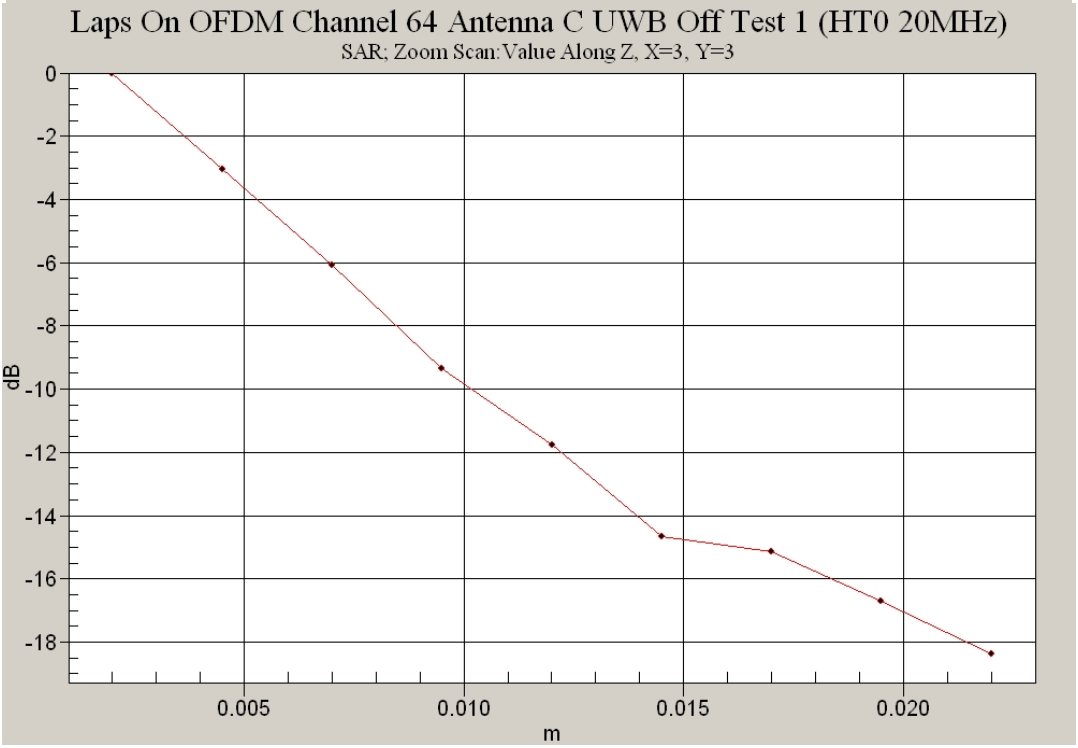
SAR MEASUREMENT PLOT 5

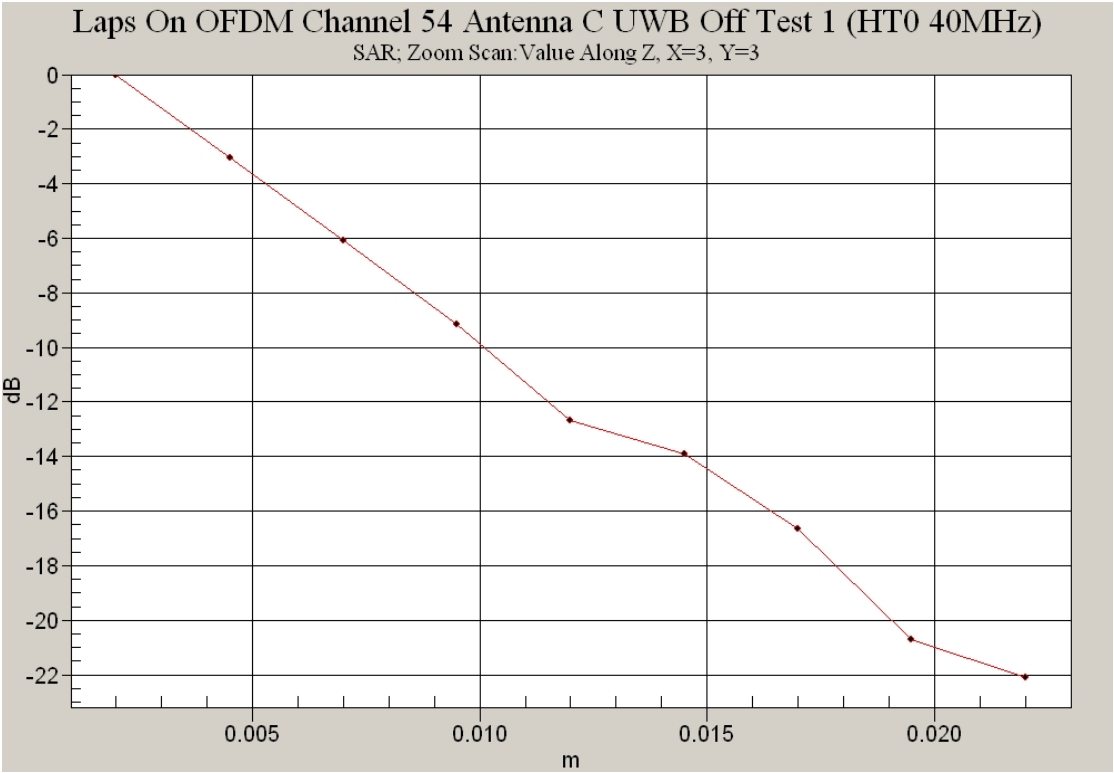
Ambient Temperature	**22.4 Degrees Celsius**
Liquid Temperature	**21.9 Degrees Celsius**
Humidity	**54.0 %**











Test Date: 25 March 2008

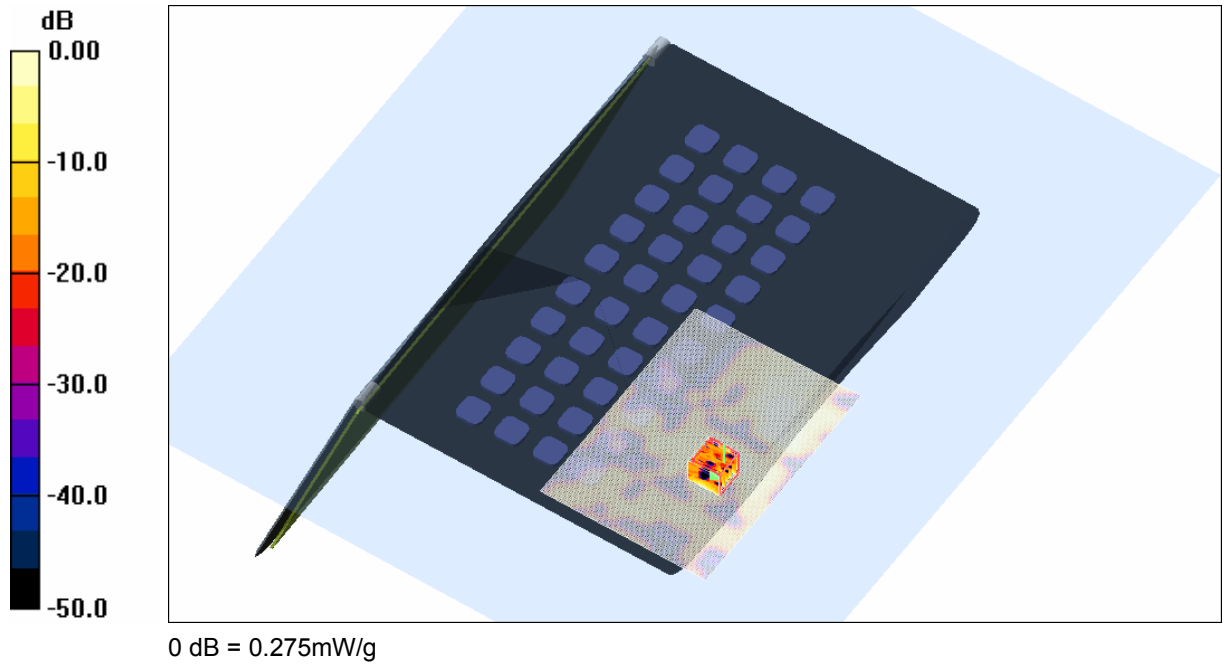
File Name: Laps On OFDM 5.6 GHz Ant C UWB Off 25-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5600 MHz; Frequency: 5500 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.70388 mho/m, ε_r = 47.3304; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.68, 3.68, 3.68)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 100 Test/Area Scan (131x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.265 mW/g

Channel 100 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.39 V/m; Power Drift = -0.393 dB
Peak SAR (extrapolated) = 0.484 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.275 mW/g



0 dB = 0.275mW/g

SAR MEASUREMENT PLOT 6

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**61.0 %**

Test Date: 25 March 2008

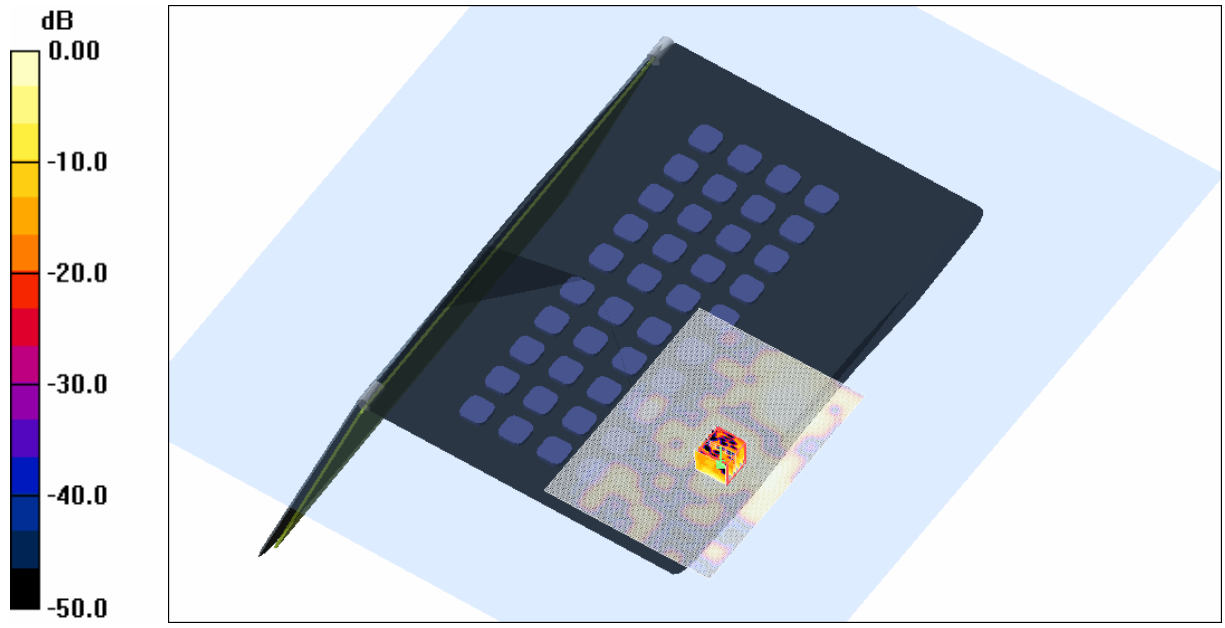
File Name: Laps On OFDM 5.6 GHz Ant C UWB Off 25-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5600 MHz; Frequency: 5600 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.89672 mho/m, ε_r = 46.9667; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.68, 3.68, 3.68)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 120 Test/Area Scan (131x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.349 mW/g

Channel 120 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.47 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 0.396 W/kg
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.223 mW/g



0 dB = 0.223mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**61.0 %**

Test Date: 25 March 2008

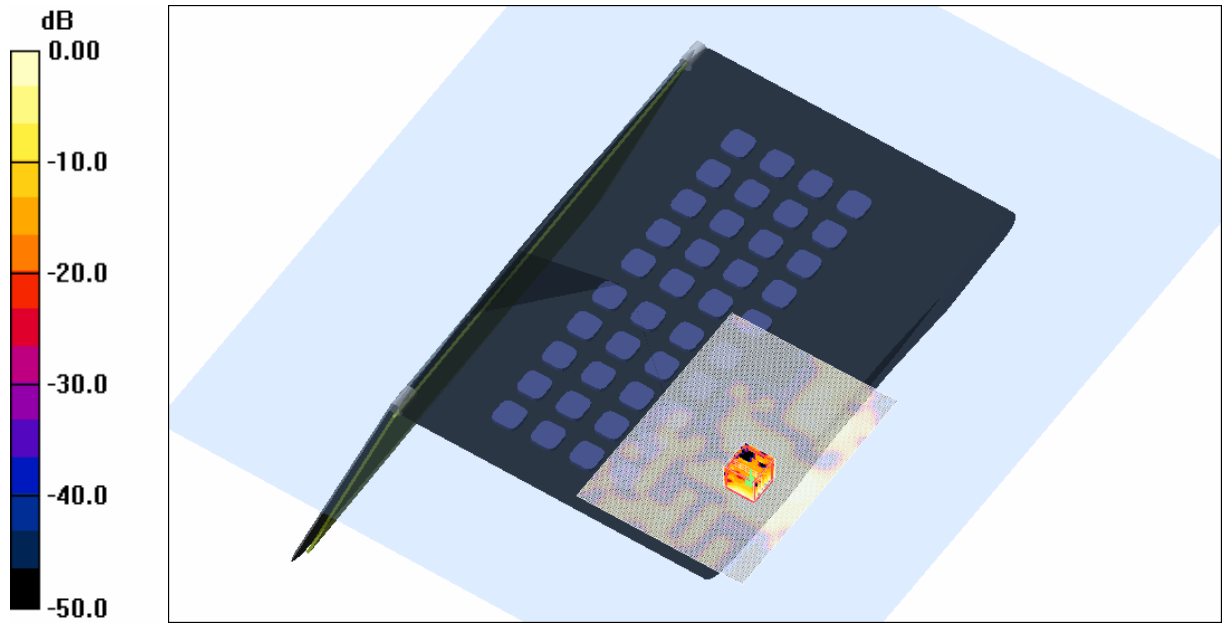
File Name: Laps On OFDM 5.6 GHz Ant C UWB Off 25-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5600 MHz; Frequency: 5700 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 6.0705 mho/m, ε_r = 46.6147; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 140 Test/Area Scan (131x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.226 mW/g

Channel 140 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.23 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.380 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.220 mW/g



0 dB = 0.220mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**61.0 %**

Test Date: 25 March 2008

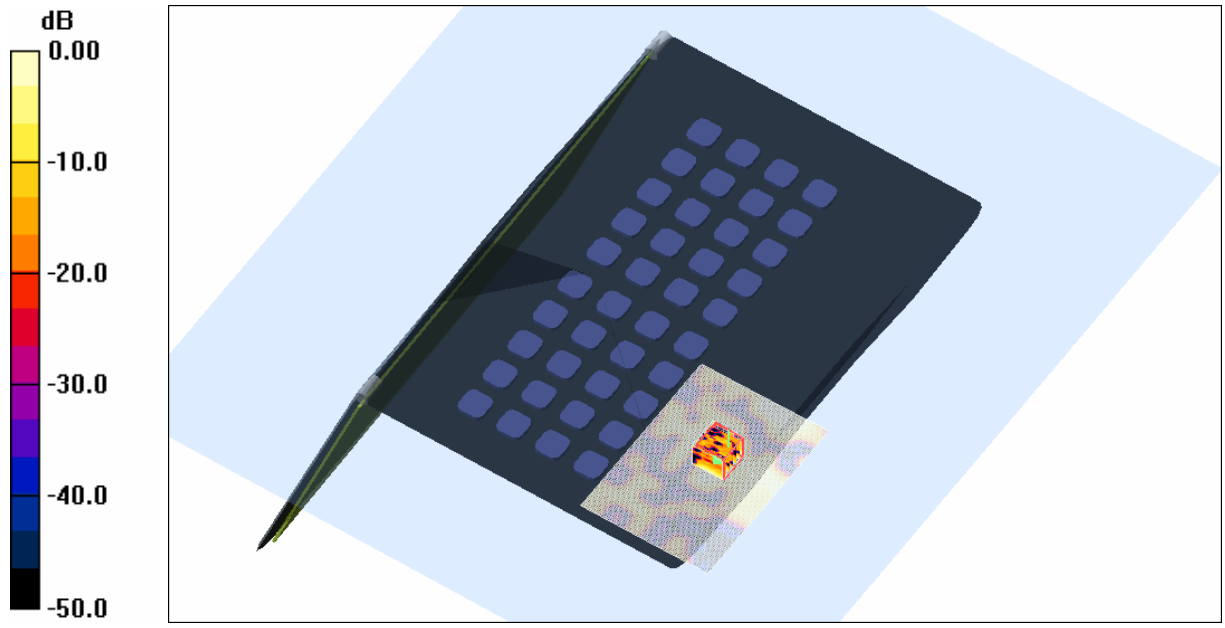
File Name: Laps On OFDM (20MHz HT0) 5.6 GHz Ant C UWB Off 25-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5600 MHz; Frequency: 5500 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.70388 mho/m, ε_r = 47.3304; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.68, 3.68, 3.68)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 120 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.282 mW/g

Channel 120 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.60 V/m; Power Drift = -0.346 dB
Peak SAR (extrapolated) = 0.351 W/kg
SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.183 mW/g



0 dB = 0.183mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**61.0 %**

Test Date: 25 March 2008

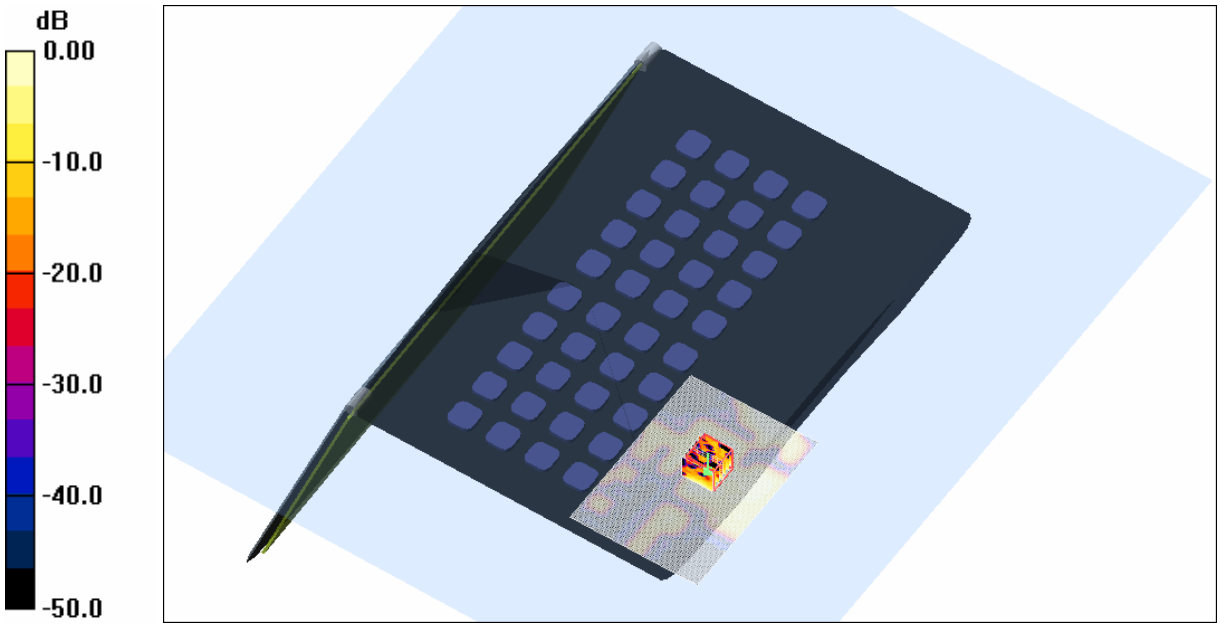
File Name: Laps On OFDM (40MHz HT0) 5.6 GHz Ant C UWB Off 25-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5600 MHz; Frequency: 5590 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.89672 mho/m, ε_r = 46.9667; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.68, 3.68, 3.68)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 118 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.399 mW/g

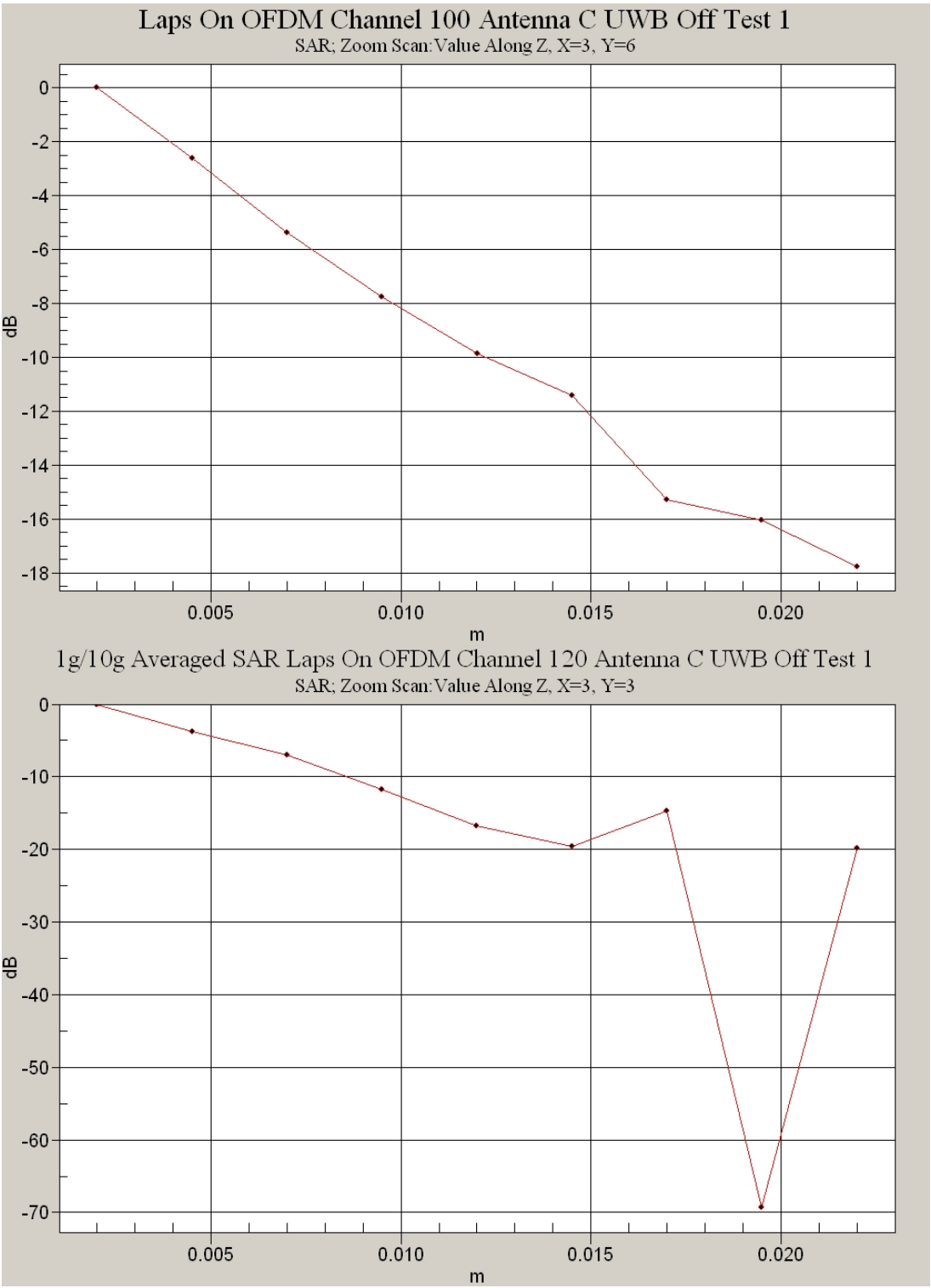
Channel 118 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.46 V/m; Power Drift = -0.212 dB
Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.222 mW/g

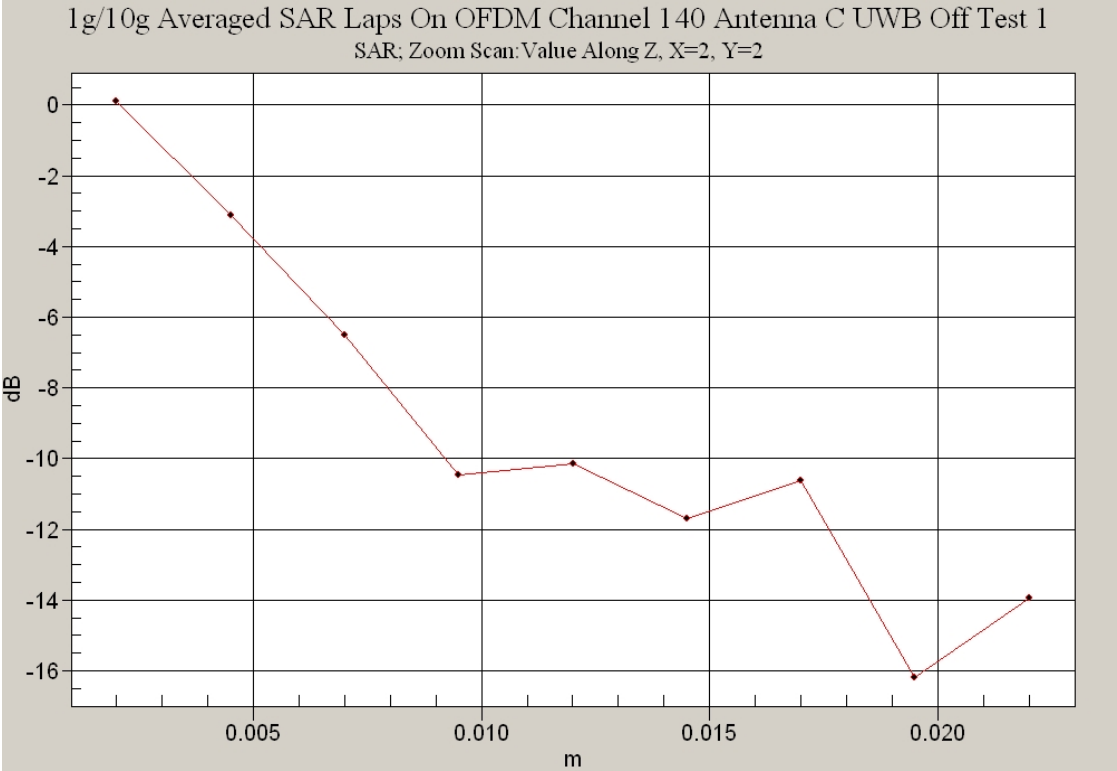


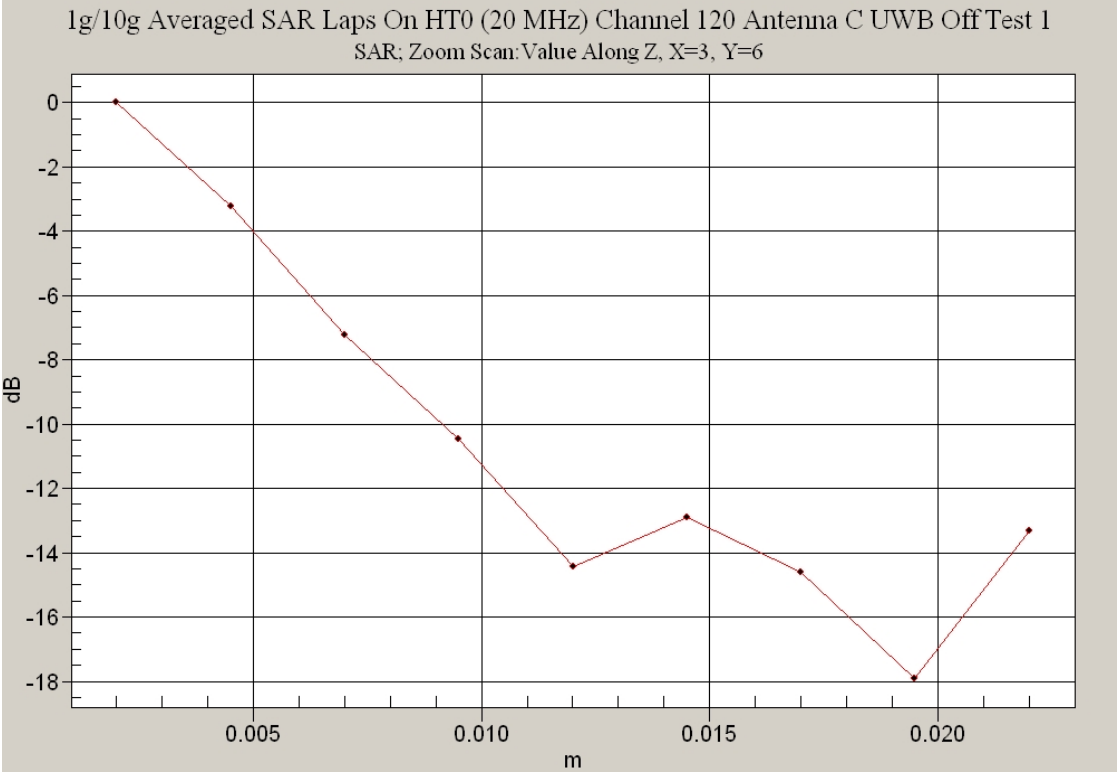
0 dB = 0.222mW/g

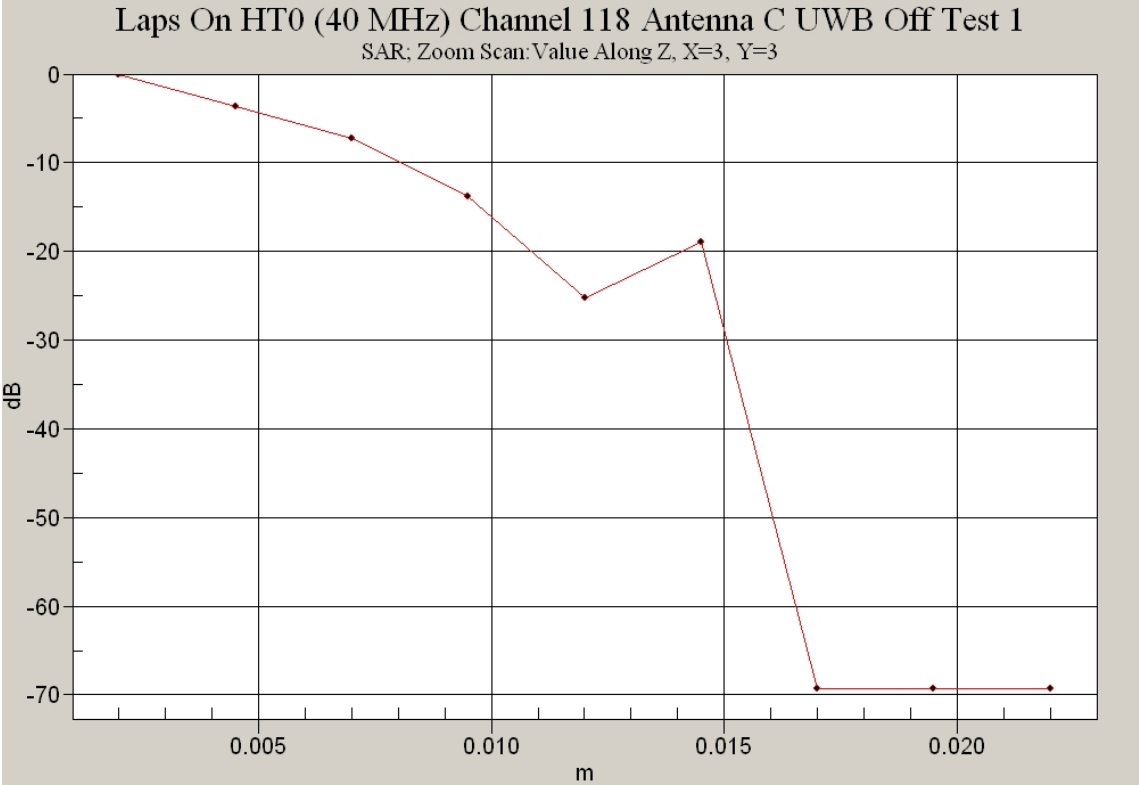
SAR MEASUREMENT PLOT 10

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**61.0 %**









Test Date: 26 March 2008

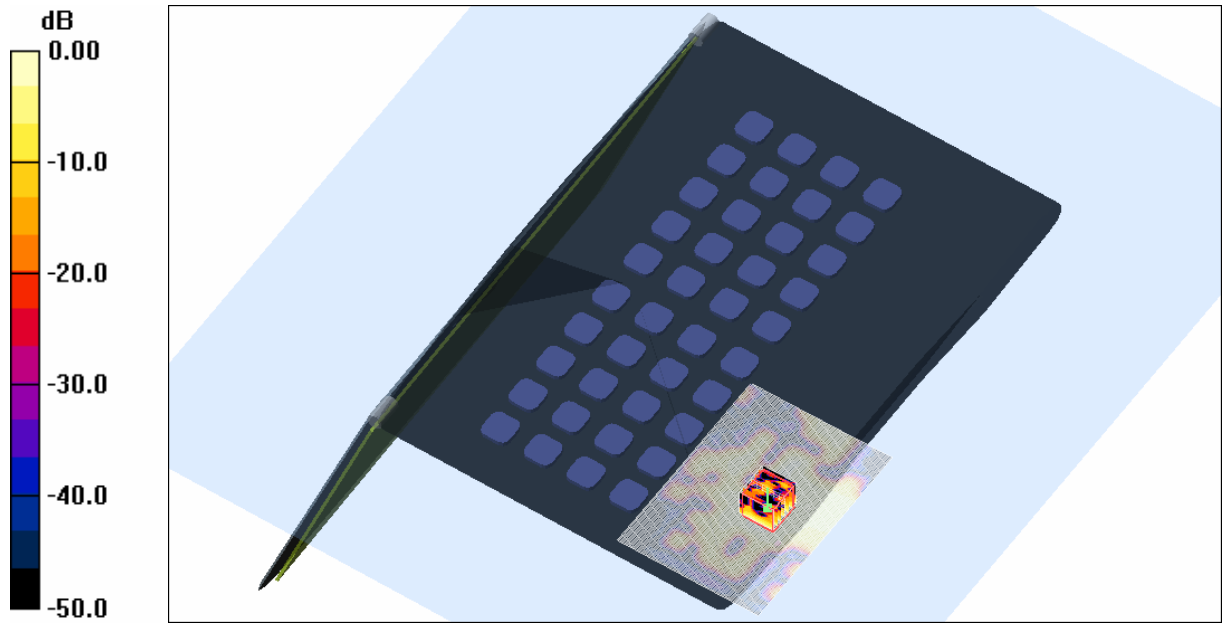
File Name: Laps On OFDM 5.8 GHz Ant C UWB Off 26-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 6.18654 mho/m, ε_r = 46.48; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.225 mW/g

Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.19 V/m; Power Drift = 0.391 dB
Peak SAR (extrapolated) = 0.379 W/kg
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.225 mW/g



0 dB = 0.225mW/g

SAR MEASUREMENT PLOT 11

Ambient Temperature	**21.8 Degrees Celsius**
Liquid Temperature	**21.3 Degrees Celsius**
Humidity	**54.0 %**

Test Date: 26 March 2008

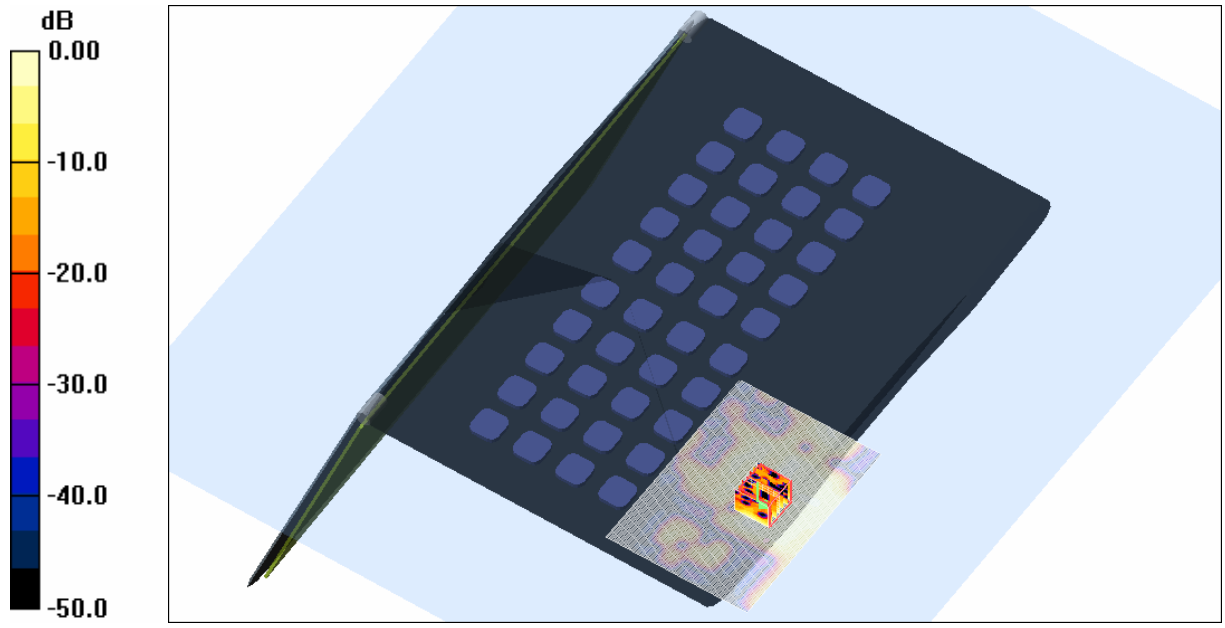
File Name: Laps On OFDM (20MHz HT0) 5.8 GHz Ant C UWB Off 26-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5770 MHz; Frequency: 5745 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 6.09483 mho/m, ε_r = 46.5557; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 149 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.373 mW/g

Channel 149 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.05 V/m; Power Drift = -0.441 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.267 mW/g



0 dB = 0.267mW/g

SAR MEASUREMENT PLOT 12

Ambient Temperature	**21.8 Degrees Celsius**
Liquid Temperature	**21.3 Degrees Celsius**
Humidity	**54.0 %**

Test Date: 26 March 2008

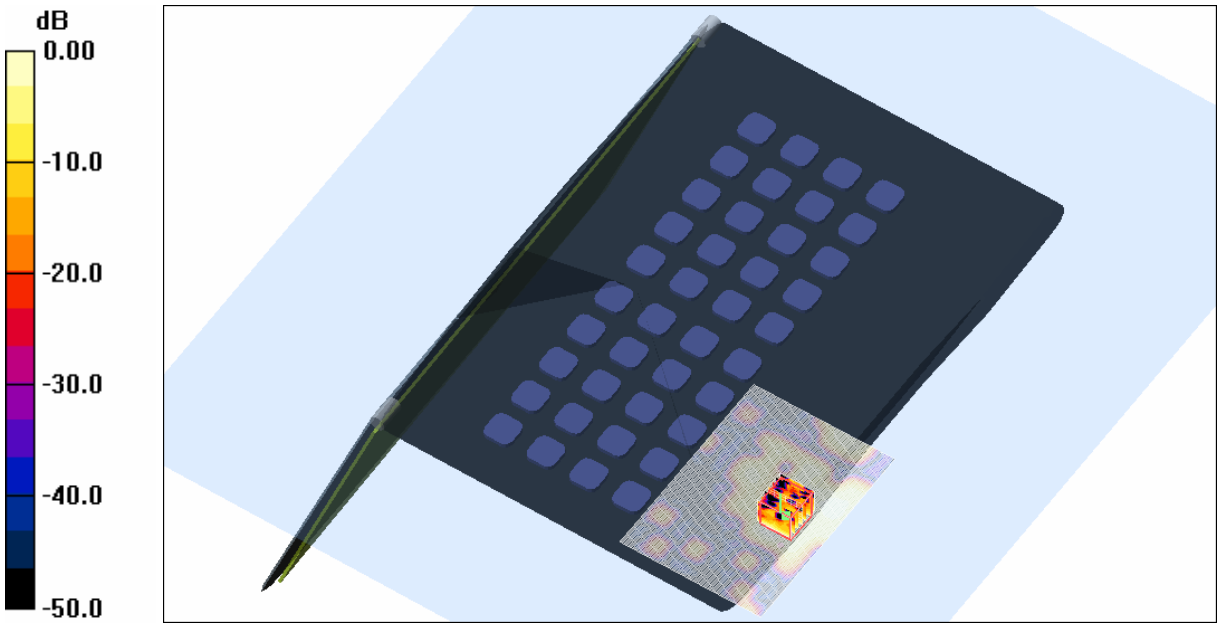
File Name: Laps On OFDM (20MHz HT0) 5.8 GHz Ant C UWB Off 26-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 6.18654 mho/m, ε_r = 46.48; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 157 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.234 mW/g

Channel 157 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.18 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.257mW/g

SAR MEASUREMENT PLOT 13

Ambient Temperature	**21.8 Degrees Celsius**
Liquid Temperature	**21.3 Degrees Celsius**
Humidity	**54.0 %**

Test Date: 26 March 2008

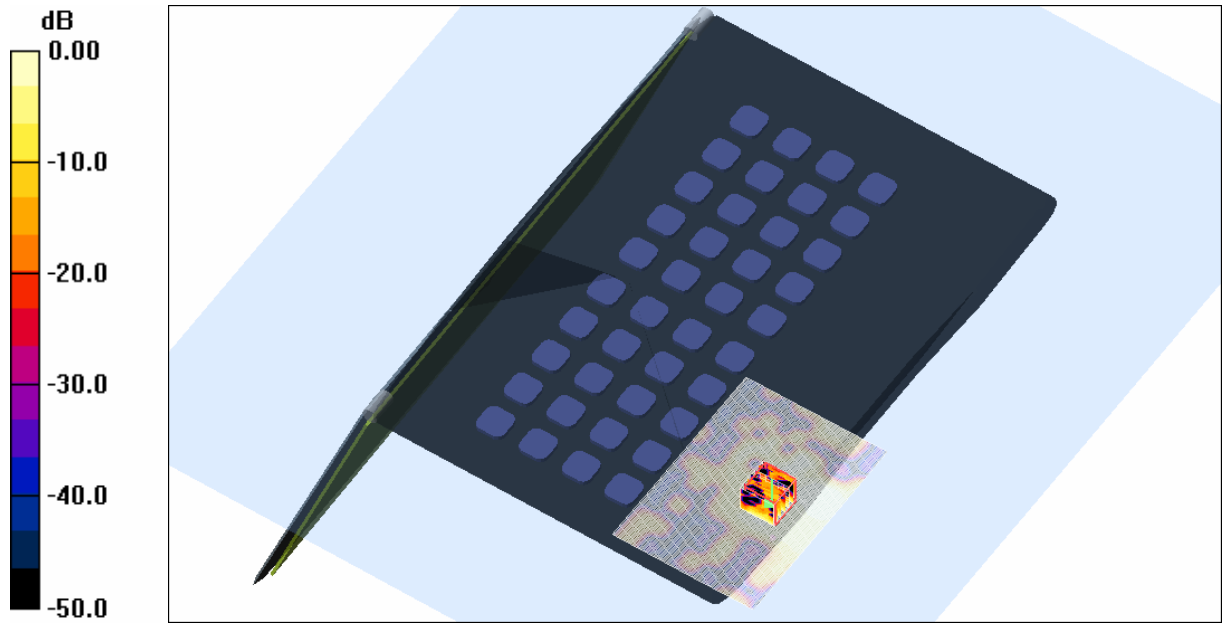
File Name: Laps On OFDM (20MHz HT0) 5.8 GHz Ant C UWB Off 26-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5770 MHz; Frequency: 5825 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 6.21982 mho/m, ε_r = 46.3048; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 165 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.230 mW/g

Channel 165 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.49 V/m; Power Drift = 0.393 dB
Peak SAR (extrapolated) = 0.405 W/kg
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.212 mW/g



0 dB = 0.212mW/g

SAR MEASUREMENT PLOT 14

Ambient Temperature	**21.8 Degrees Celsius**
Liquid Temperature	**21.3 Degrees Celsius**
Humidity	**54.0 %**

Test Date: 26 March 2008

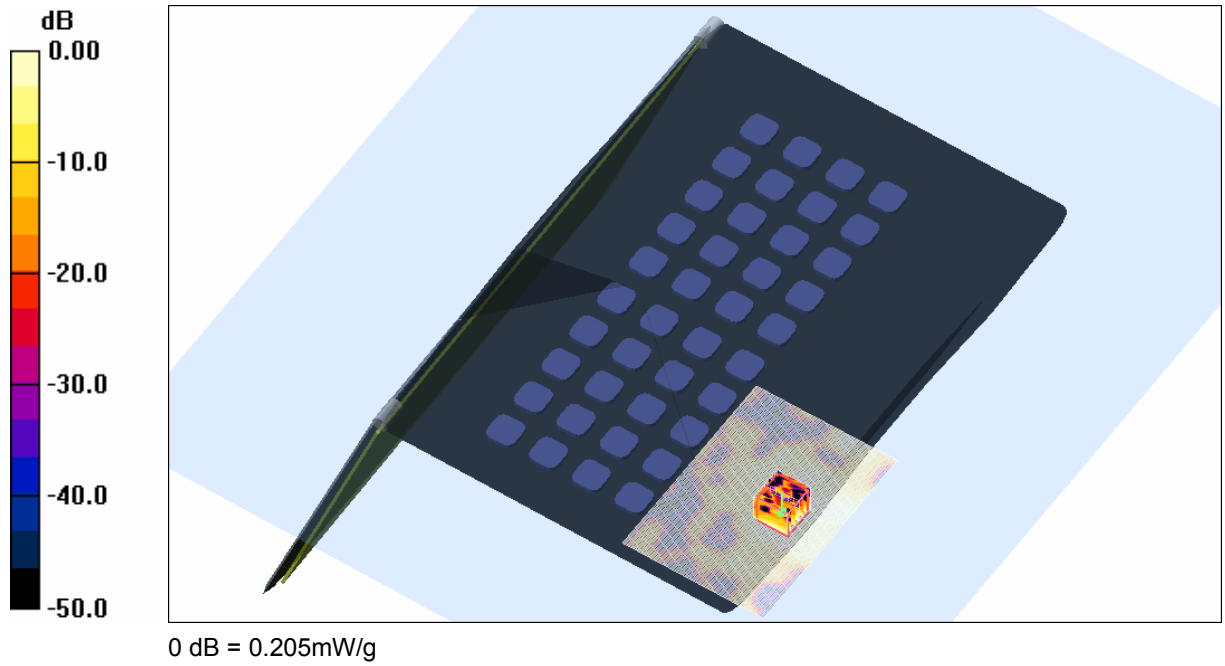
File Name: Laps On OFDM (40MHz HT0) 5.8 GHz Ant C UWB Off 26-03-08.da4

DUT: Fujitsu Notebook Elen with Shirley Peak 11abgn and UWB; Type: 533AN_HMW; Serial: MAC: 0016EA042268

* Communication System: OFDM 5770 MHz; Frequency: 5795 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 6.18773 mho/m, ε_r = 46.4107; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 159 Test/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.216 mW/g

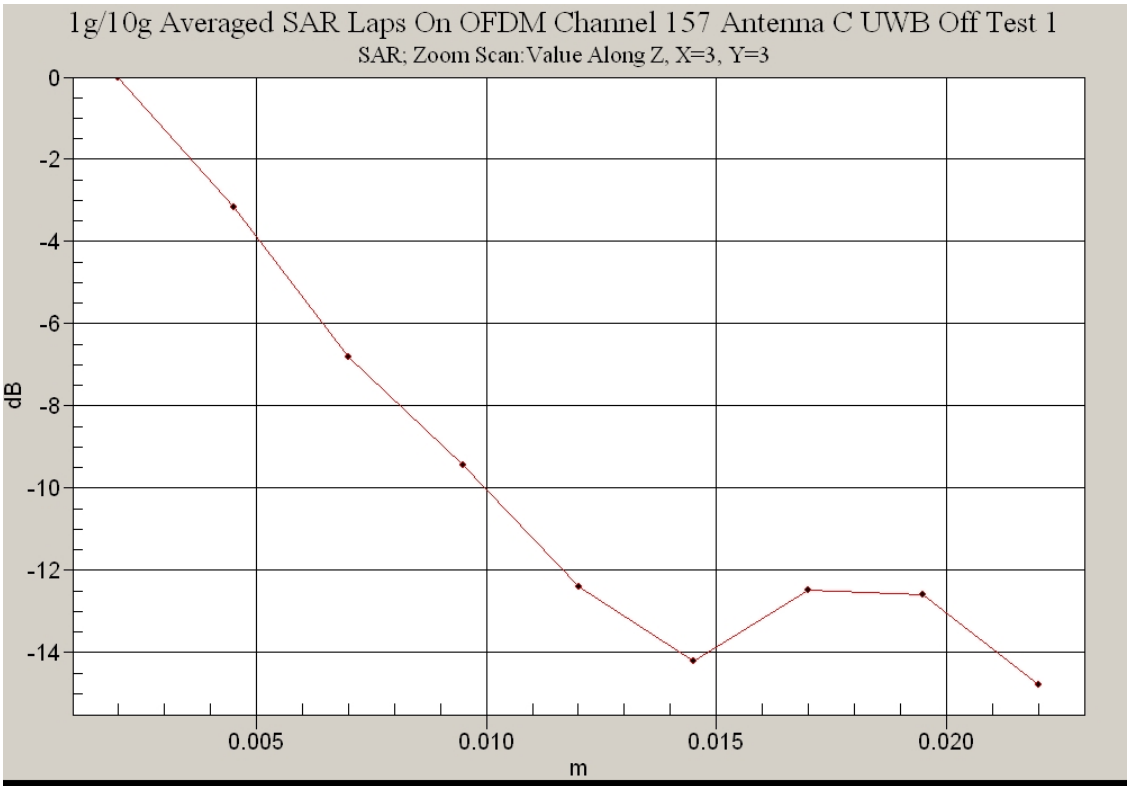
Channel 159 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.19 V/m; Power Drift = -0.339 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.205 mW/g

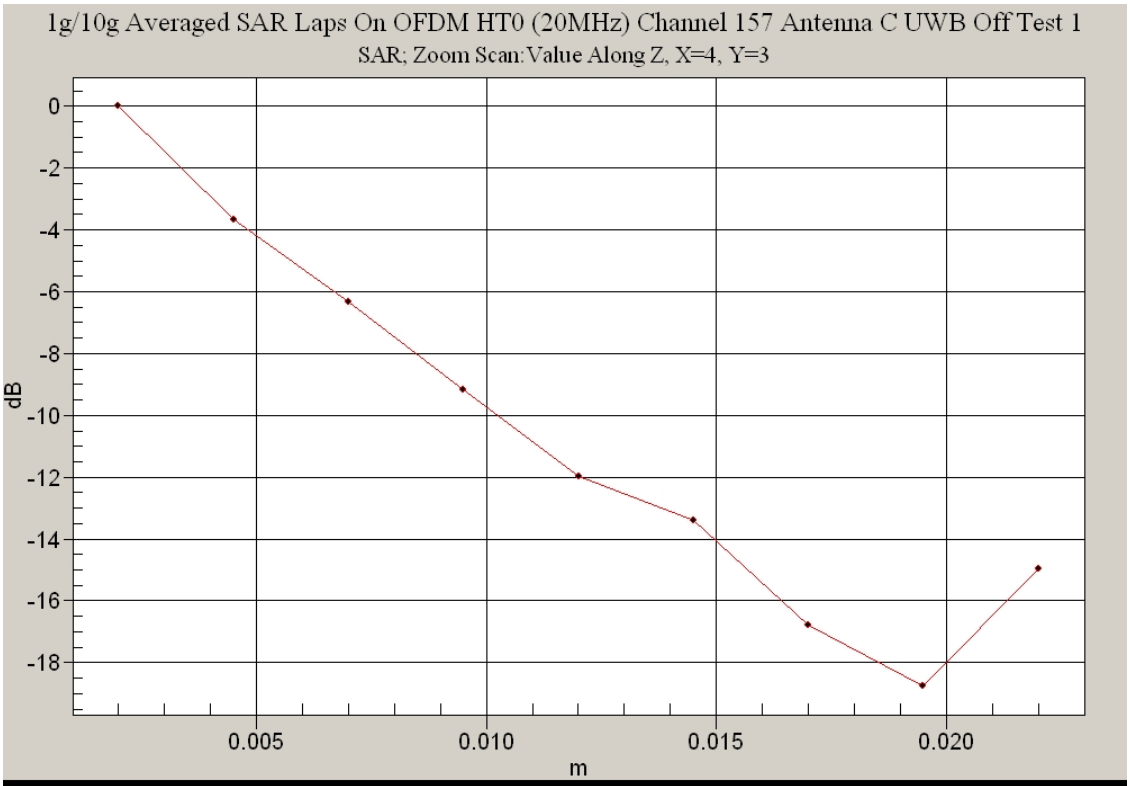


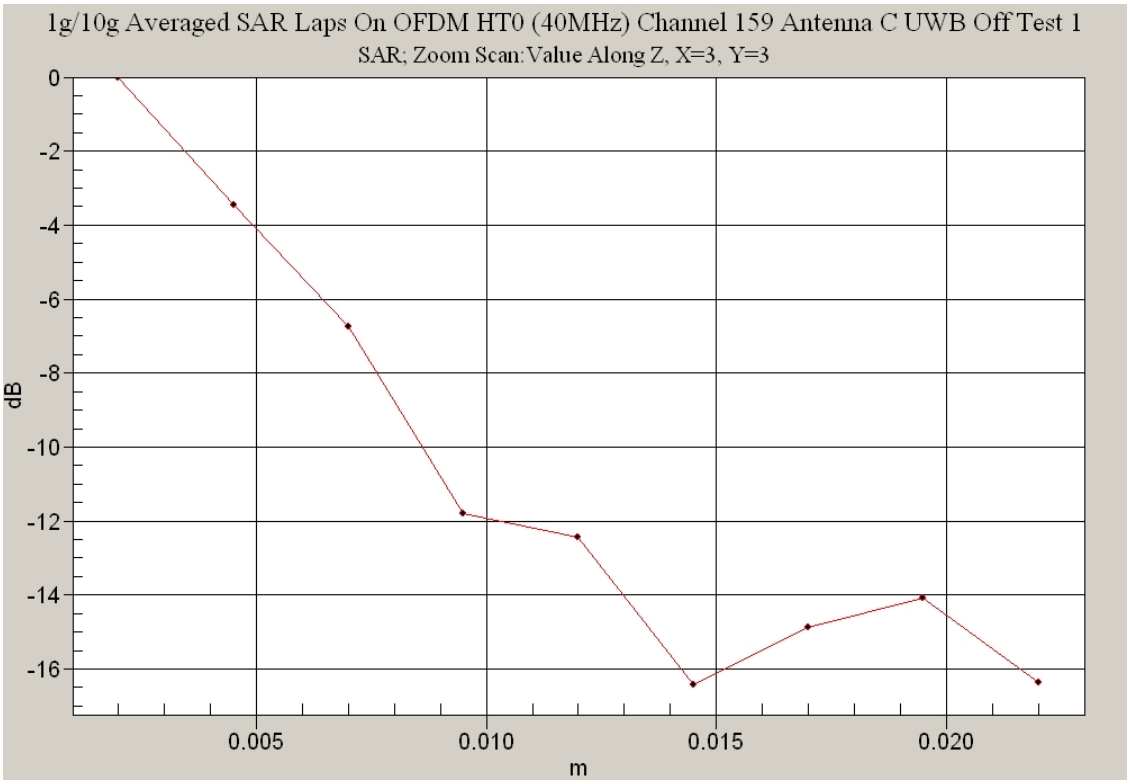
0 dB = 0.205mW/g

SAR MEASUREMENT PLOT 15

Ambient Temperature	**21.8 Degrees Celsius**
Liquid Temperature	**21.3 Degrees Celsius**
Humidity	**54.0 %**





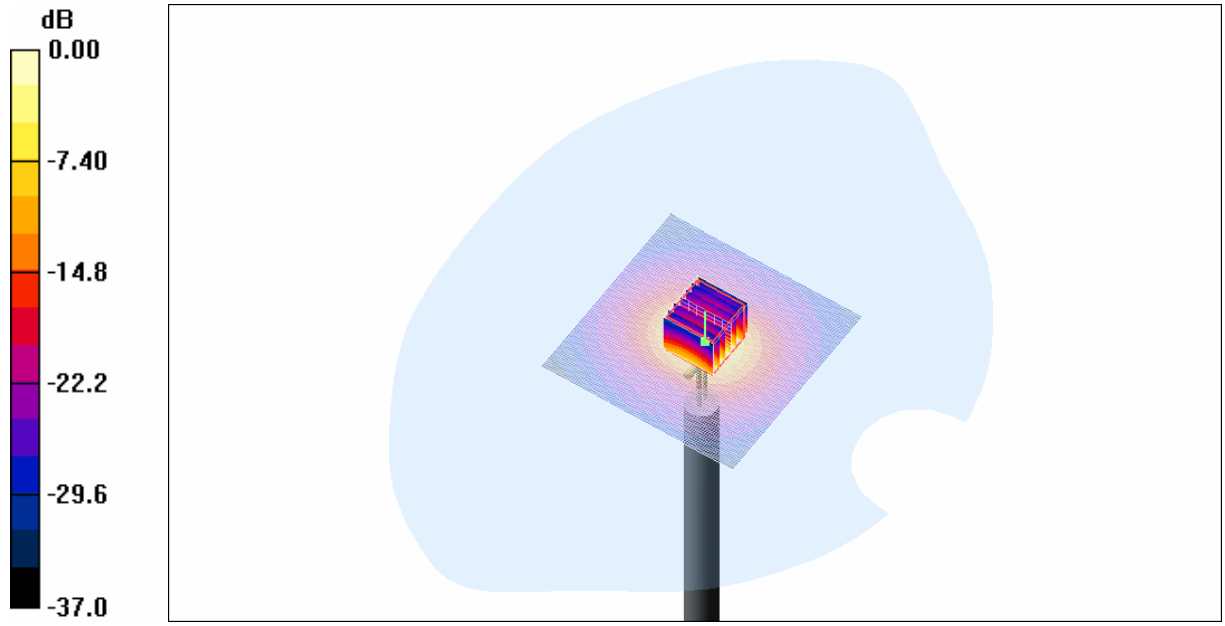


Test Date: 20 March 2008
File Name: Validation 5200 MHz (DAE442 Probe3563) 20-03-07.da4
DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5200 MHz; Frequency: 5200 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 4.81747 mho/m, ε_r = 35.7181; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.25, 4.25, 4.25)
- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 39.2 mW/g

Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 97.3 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 72.0 W/kg
SAR(1 g) = 19.1 mW/g; SAR(10 g) = 5.43 mW/g
Maximum value of SAR (measured) = 40.2 mW/g



0 dB = 40.2mW/g

SAR MEASUREMENT PLOT 16

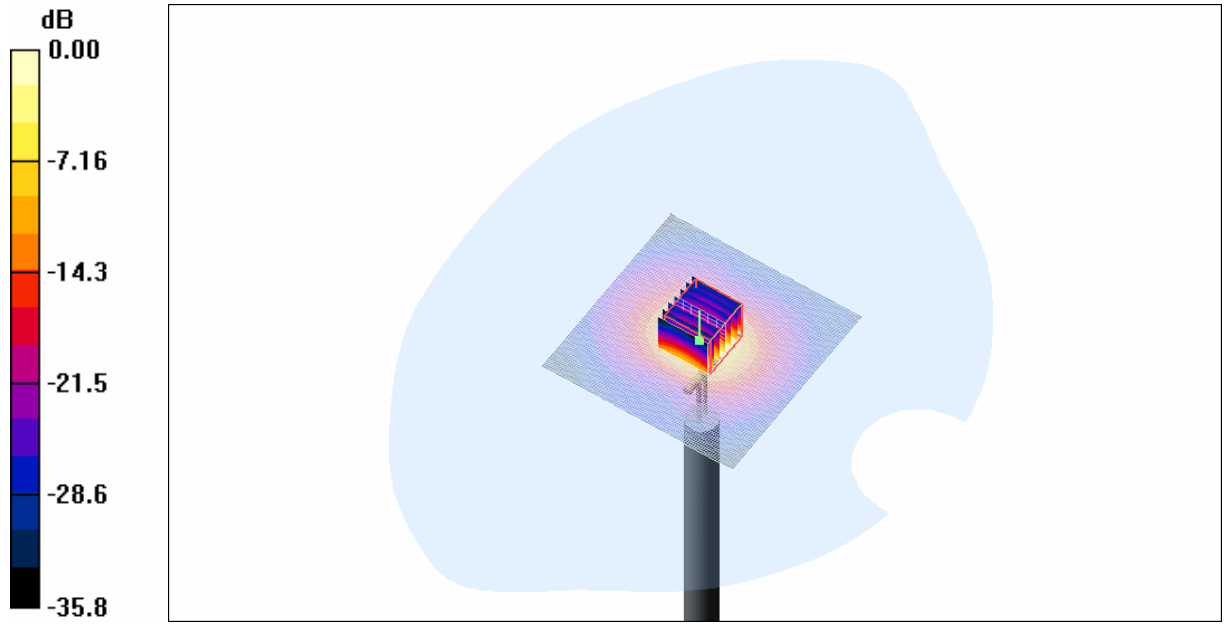
Ambient Temperature	**22.4 Degrees Celsius**
Liquid Temperature	**21.9 Degrees Celsius**
Humidity	**54.0 %**

Test Date: 25 March 2008
File Name: Validation 5500MHz (DAE 442 Probe EX3DV4) 25-03-08.da4
DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5500 MHz; Frequency: 5500 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 4.96347 mho/m, ε_r = 35.2664; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.03, 4.03, 4.03)
- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 45.3 mW/g

Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 99.9 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 82.2 W/kg
SAR(1 g) = 20.7 mW/g; SAR(10 g) = 5.92 mW/g
Maximum value of SAR (measured) = 43.5 mW/g



0 dB = 43.5mW/g

SAR MEASUREMENT PLOT 17

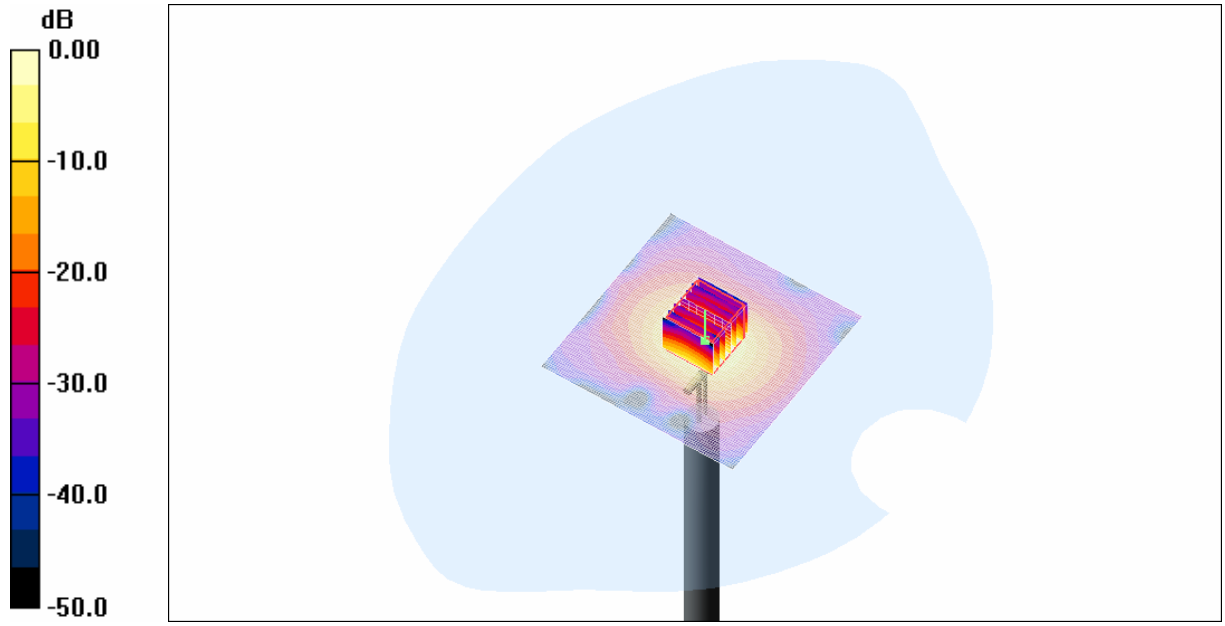
Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**21.1 Degrees Celsius**
Humidity	**61.0 %**

Test Date: 26 March 2008
File Name: Validation 5800MHz (DAE 442 Probe EX3DV4) 26-03-08.da4
DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5800 MHz; Frequency: 5800 MHz; Duty Cycle: 1:1
* Medium parameters used: σ = 5.36786 mho/m, ε_r = 34.7543; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.65, 3.65, 3.65)
- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 41.9 mW/g

Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 94.4 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 88.3 W/kg
SAR(1 g) = 20.2 mW/g; SAR(10 g) = 5.65 mW/g
Maximum value of SAR (measured) = 43.9 mW/g



0 dB = 43.9mW/g

SAR MEASUREMENT PLOT 18

Ambient Temperature	**21.8 Degrees Celsius**
Liquid Temperature	**21.3 Degrees Celsius**
Humidity	**54.0 %**