

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
Bystander (25mm Spacing)	1	A	6	-	52
	2	B	6	-	52
Lap Held	3	A	6	-	52
Primary Portrait	4	A	6	-	52
Secondary Landscape	5	A	6	-	36
	6	A	HT0	40	46
	7	A	6	-	52
	8	A	6	-	64
Secondary Landscape	9	B	6	-	36
	10	B	HT0	40	46
	11	B	6	-	52
	12	B	6	-	64
Secondary Portrait	13	B	6	-	36
	14	B	HT0	40	46
	15	B	6	-	52
	16	B	6	-	64



Table 27 5600 MHz Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Bystander (25mm Spacing)	17	A	6	-	116
	18	B	6	-	116
Lap Held	19	A	6	-	116
Primary Portrait	20	A	6	-	116
Secondary Landscape	21	A	6	-	104
	22	A	6	-	116
	23	A	6	-	124
	24	A	6	-	136
Secondary Landscape	25	B	6	-	104
	26	B	6	-	116
	27	B	6	-	124
	28	B	6	-	136
Secondary Portrait	29	B	6	-	104
	30	B	6	-	116
	31	B	6	-	124
	32	B	6	-	136



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Table 28 5800 MHz Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Bystander (25mm Spacing)	33	A	HT0	40	151
	34	B	HT0	40	151
Lap Held	35	A	HT0	40	151
Primary Portrait	36	A	HT0	40	151
Secondary Landscape	37	A	HT0	40	151
	38	A	6	-	157
	39	A	6	-	165
Secondary Landscape	40	B	HT0	40	151
	41	B	6	-	157
	42	B	6	-	165
Secondary Portrait	43	B	HT0	40	151
	44	B	6	-	157
	45	B	6	-	165

Table 29 System Verification Plots

Plot 46	System Verification 5200 MHz 20 th April 2011
Plot 47	System Verification 5500 MHz 27 th April 2011
Plot 48	System Verification 5800 MHz 2 nd May 2011



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Test Date: 20 April 2011

File Name: M110362 Bystander 25mm Spacing OFDM 5.2 GHz WiFi Ant A 20-04-11.da52:0

DUT: Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5258$ MHz; $\sigma = 5.465$ mho/m; $\epsilon_r = 45.295$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 52 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.170 mW/g

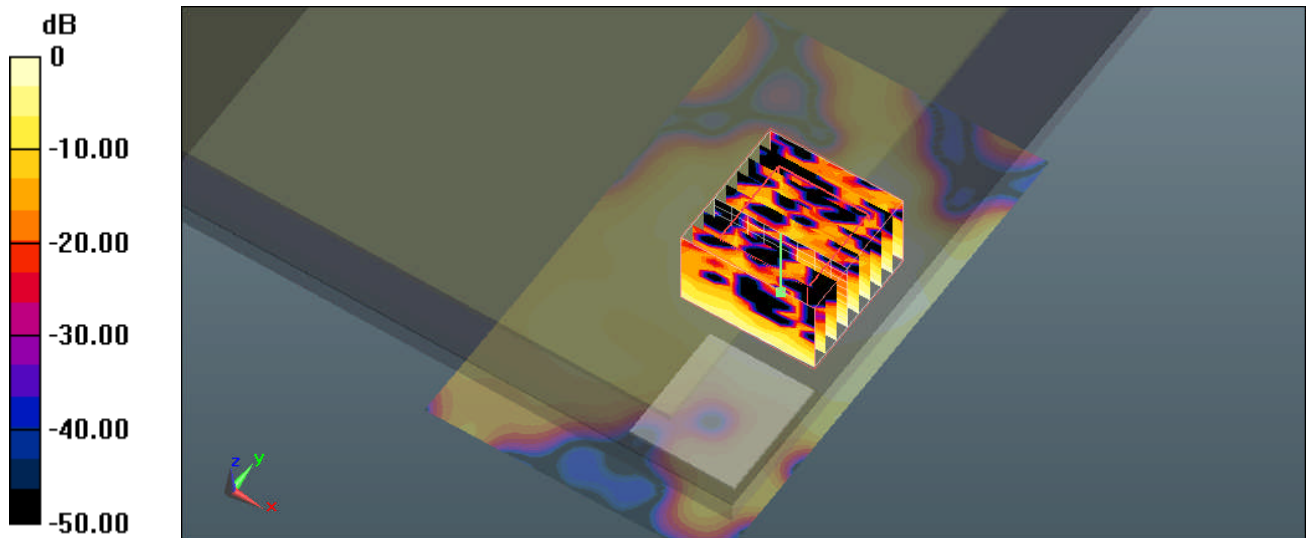
Configuration/Channel 52 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.136 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.164 mW/g

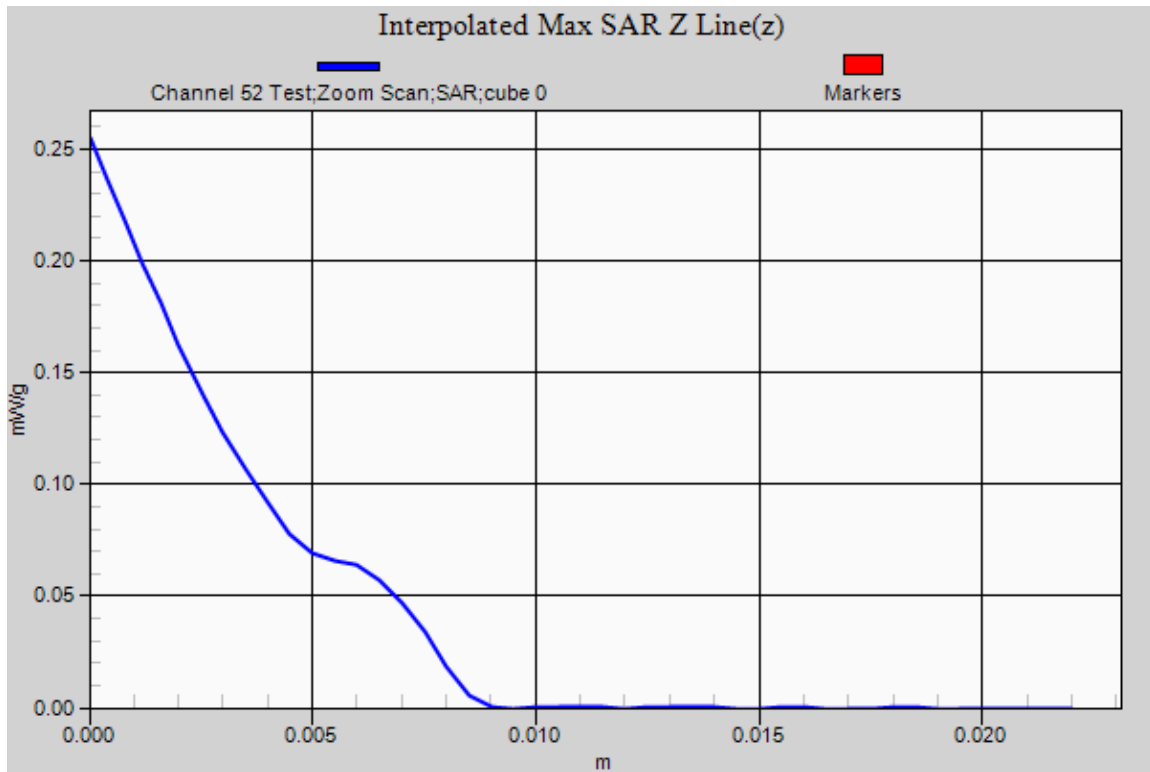


0 dB = 0.160mW/g

SAR MEASUREMENT PLOT 1

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

File Name: M110362 Bystander 25mm Spacing OFDM 5.2 GHz WiFi Ant B 20-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5258$ MHz; $\sigma = 5.465$ mho/m; $\epsilon_r = 45.295$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 52 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.179 mW/g

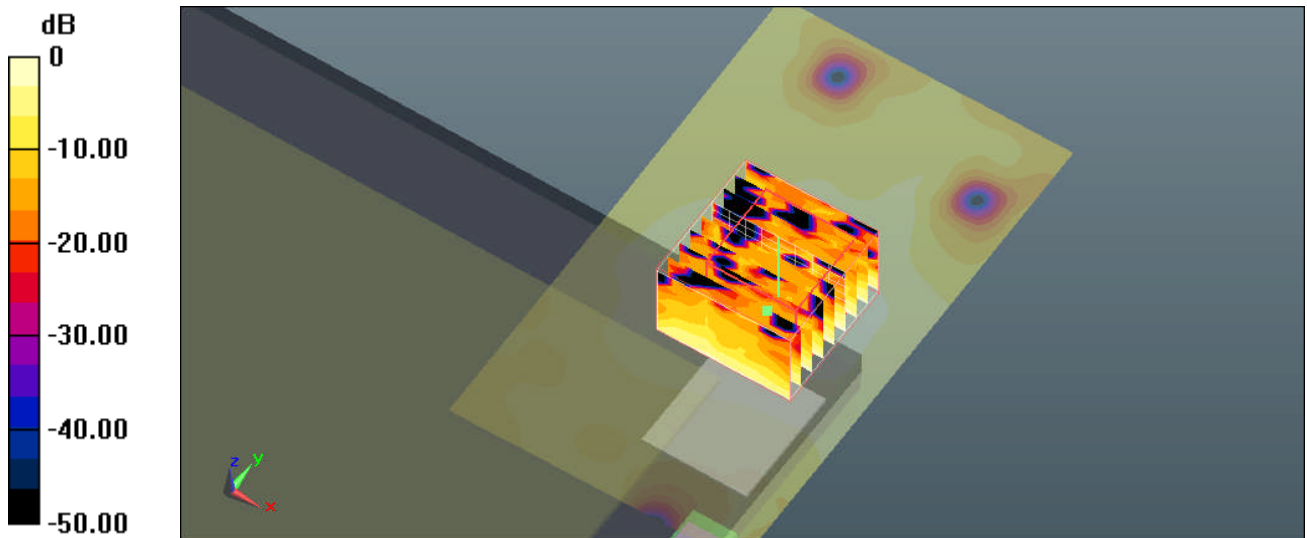
Configuration/Channel 52 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.926 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.039 mW/g

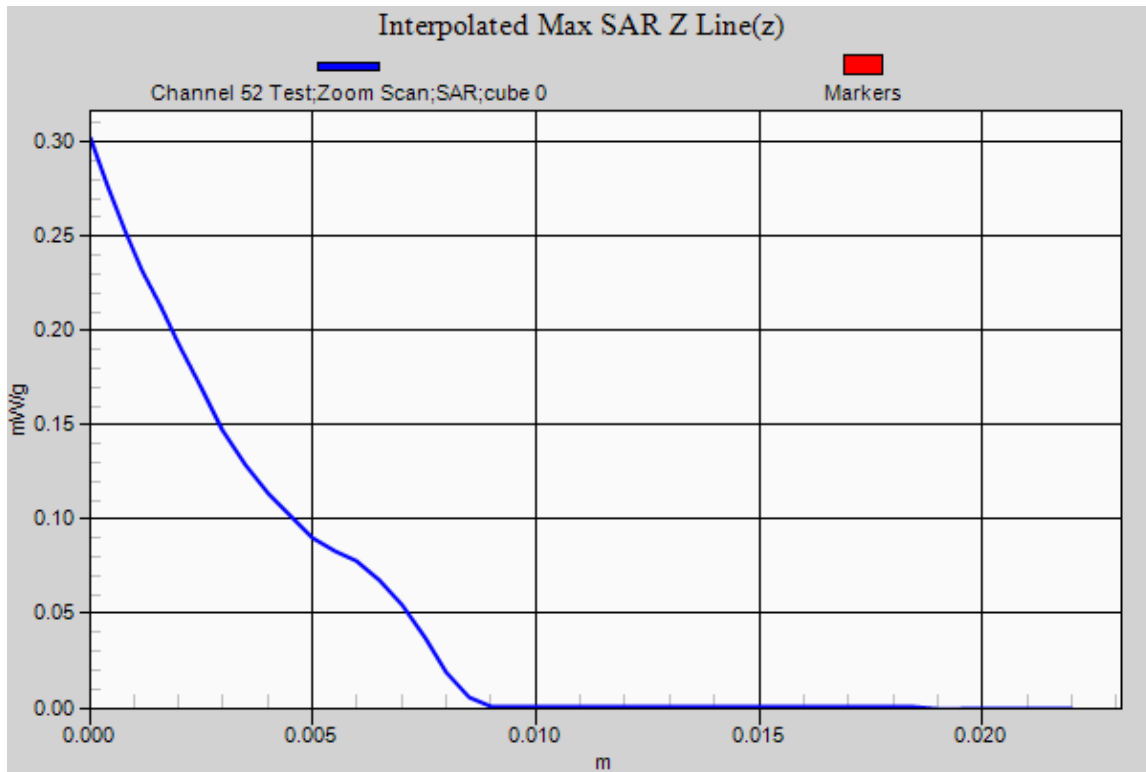
Maximum value of SAR (measured) = 0.194 mW/g



SAR MEASUREMENT PLOT 2

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

File Name: M110362_Lap Held OFDM 5.2 GHz WiFi Ant A 20-04-11.da52:0

DUT: Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5258$ MHz; $\sigma = 5.465$ mho/m; $\epsilon_r = 45.295$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 52 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.260 mW/g

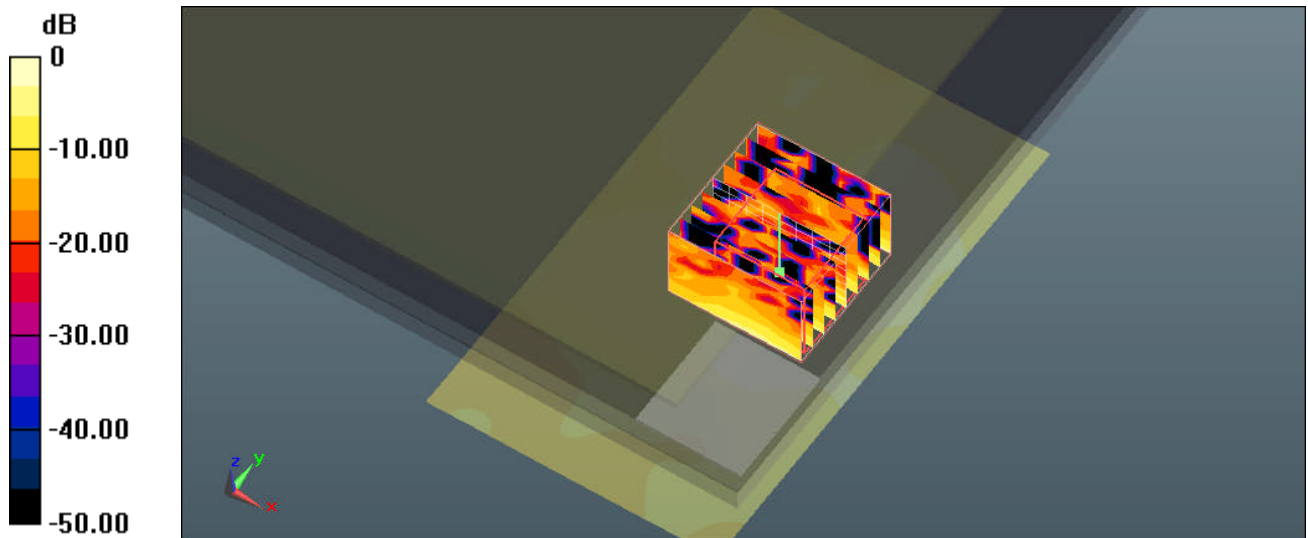
Configuration/Channel 52 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.591 V/m; Power Drift = -0.47 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.288 mW/g

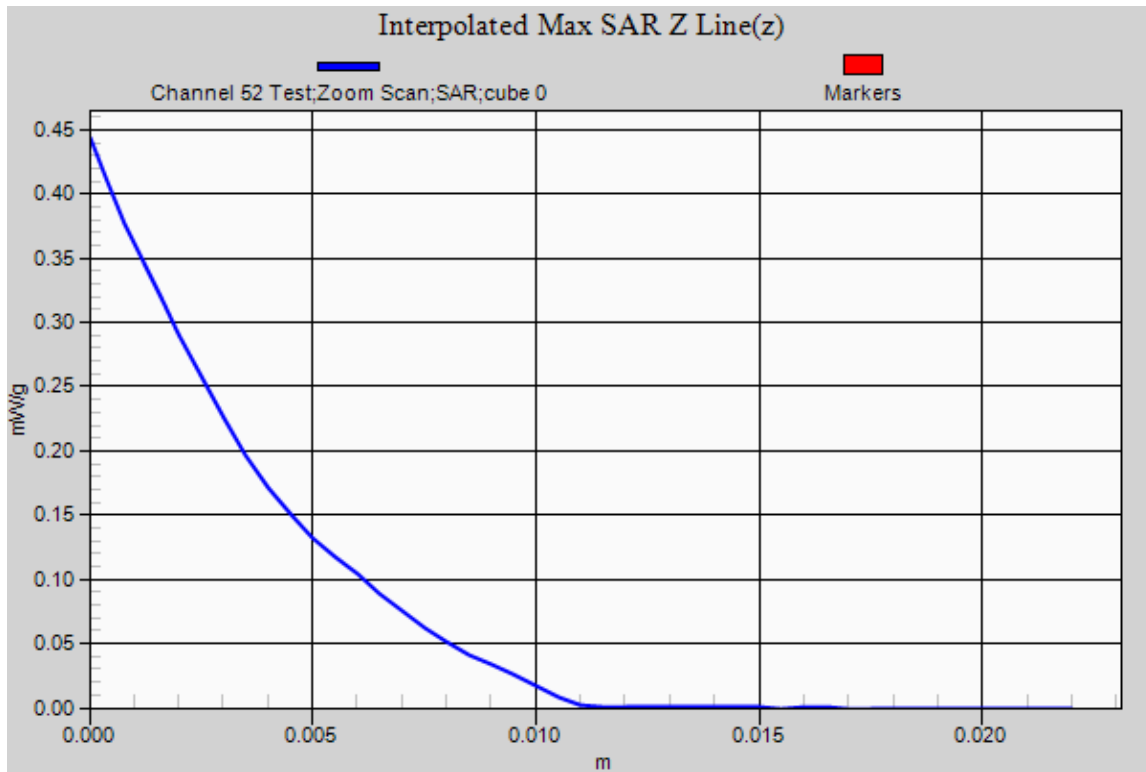


0 dB = 0.290mW/g

SAR MEASUREMENT PLOT 3

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

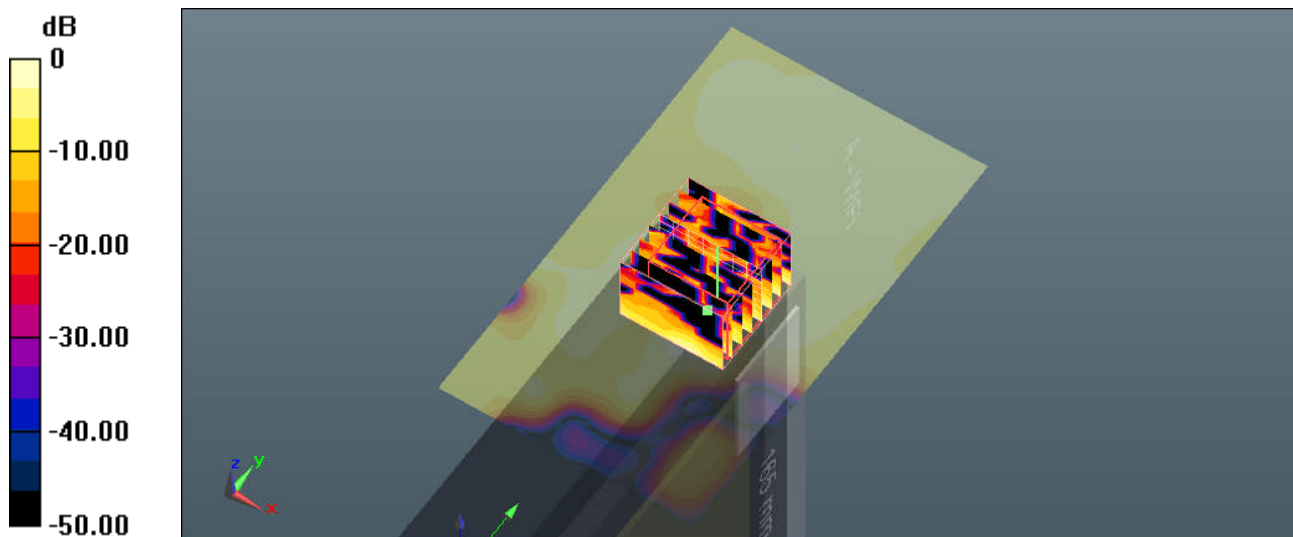
File Name: M110362 Primary Portrait OFDM 5.2 GHz WiFi Ant A 20-04-11.da52:0

DUT: Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5258$ MHz; $\sigma = 5.465$ mho/m; $\epsilon_r = 45.295$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 52 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.153 mW/g

Configuration/Channel 52 Test/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 4.435 V/m; Power Drift = 0.30 dB
 Peak SAR (extrapolated) = 0.255 W/kg
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.025 mW/g
 Maximum value of SAR (measured) = 0.163 mW/g

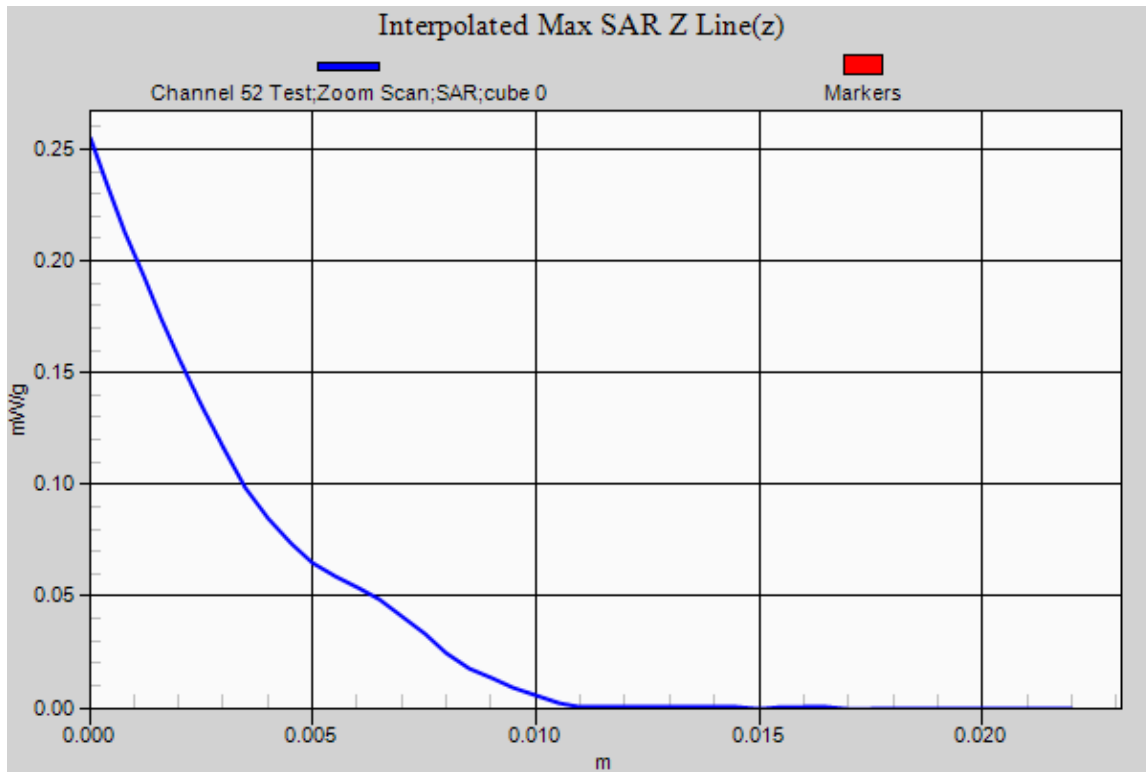


0 dB = 0.160mW/g

SAR MEASUREMENT PLOT 4

Ambient Temperature
 Liquid Temperature
 Humidity

20.2 Degrees Celsius
 20.0 Degrees Celsius
 58.0 %



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Test Date: 20 April 2011

File Name: M110362 Secondary Landscape OFDM 5.2 GHz WiFi Ant A 20-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5180 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.342 \text{ mho/m}$; $\epsilon_r = 45.34$; $\rho = 1000 \text{ kg/m}^3$
- 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

Configuration/Channel 36 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.898 mW/g

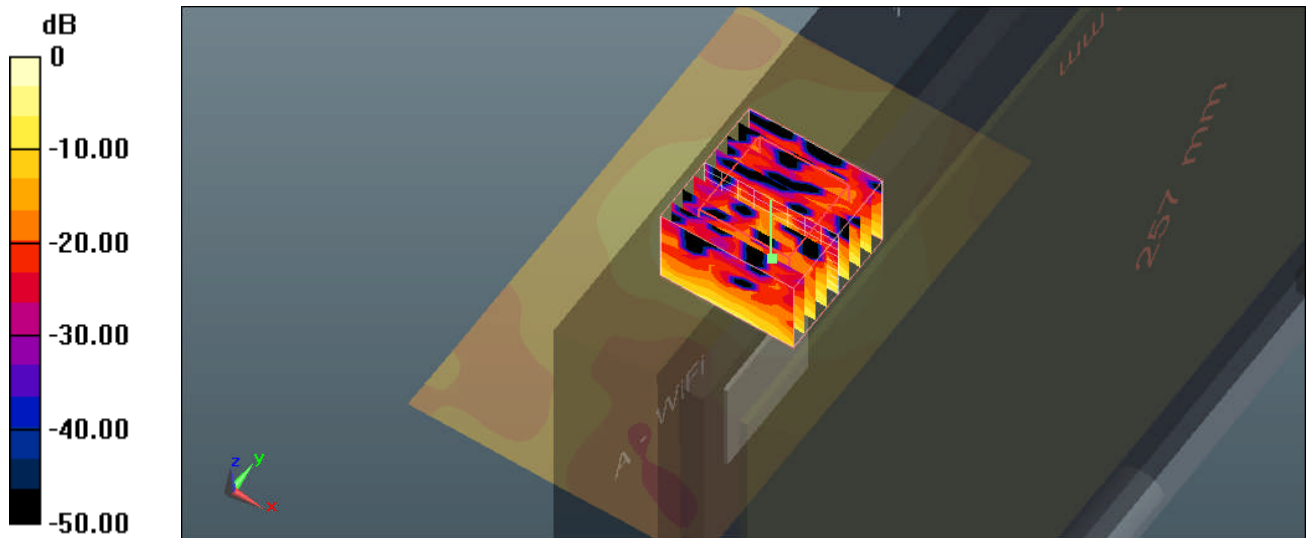
Configuration/Channel 36 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.280 V/m; Power Drift = -0.35 dB

Peak SAR (extrapolated) = 1.598 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.878 mW/g

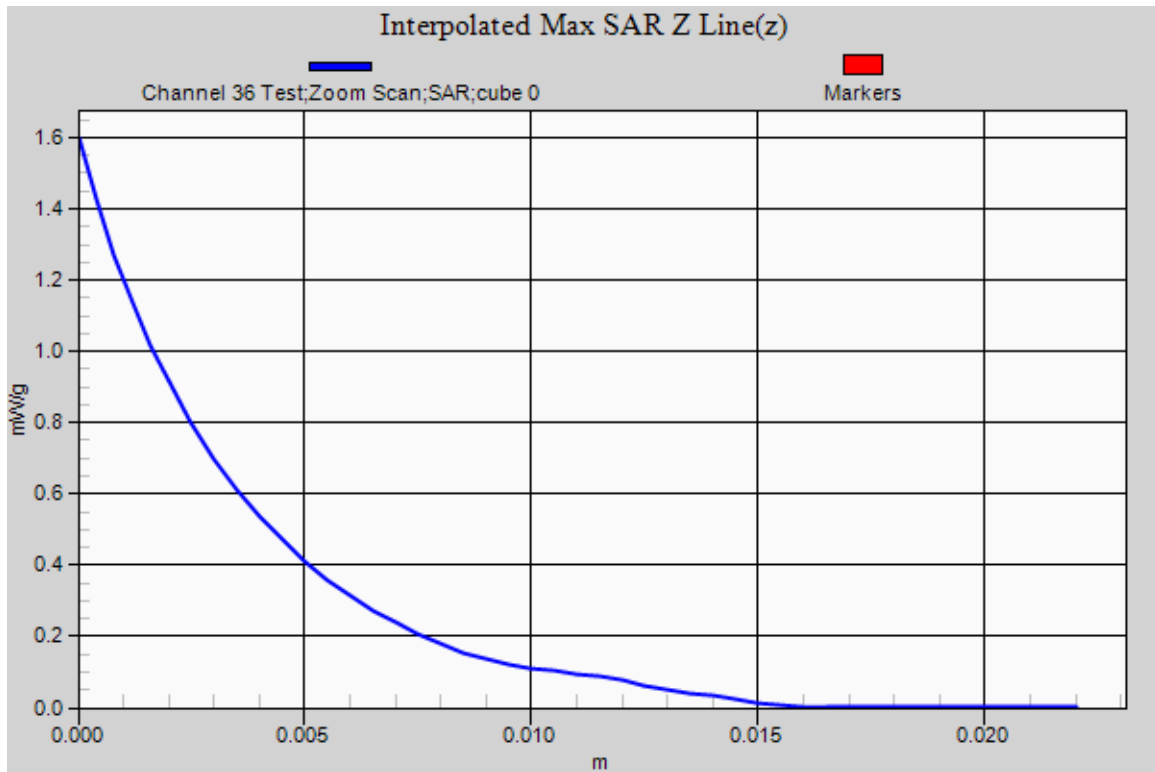


0 dB = 0.880mW/g

SAR MEASUREMENT PLOT 5

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

File Name: M110362 Secondary Landscape HT0 (40MHz) 5.2 GHz WiFi Ant A 20-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

* Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5230 MHz; Duty Cycle: 1:1

* Medium parameters used: $f = 5232 \text{ MHz}$; $\sigma = 5.42 \text{ mho/m}$; $\epsilon_r = 45.372$; $\rho = 1000 \text{ kg/m}^3$

- 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

Configuration/Channel 46 Test/Area Scan (71x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.191 mW/g

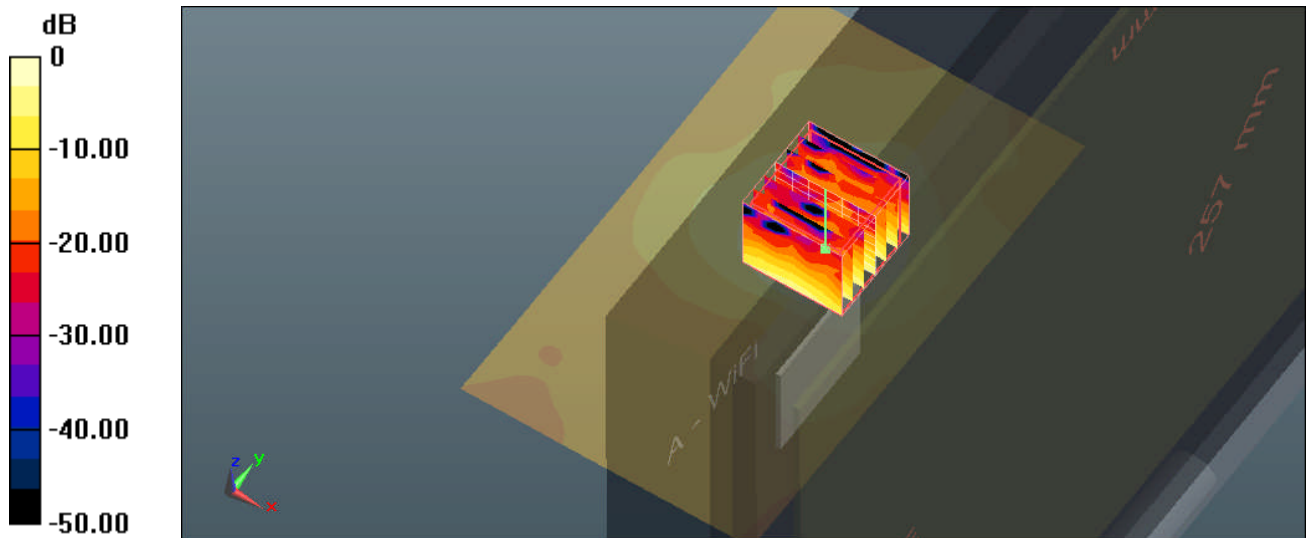
Configuration/Channel 46 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 9.043 V/m; Power Drift = -0.46 dB

Peak SAR (extrapolated) = 2.255 W/kg

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 1.257 mW/g

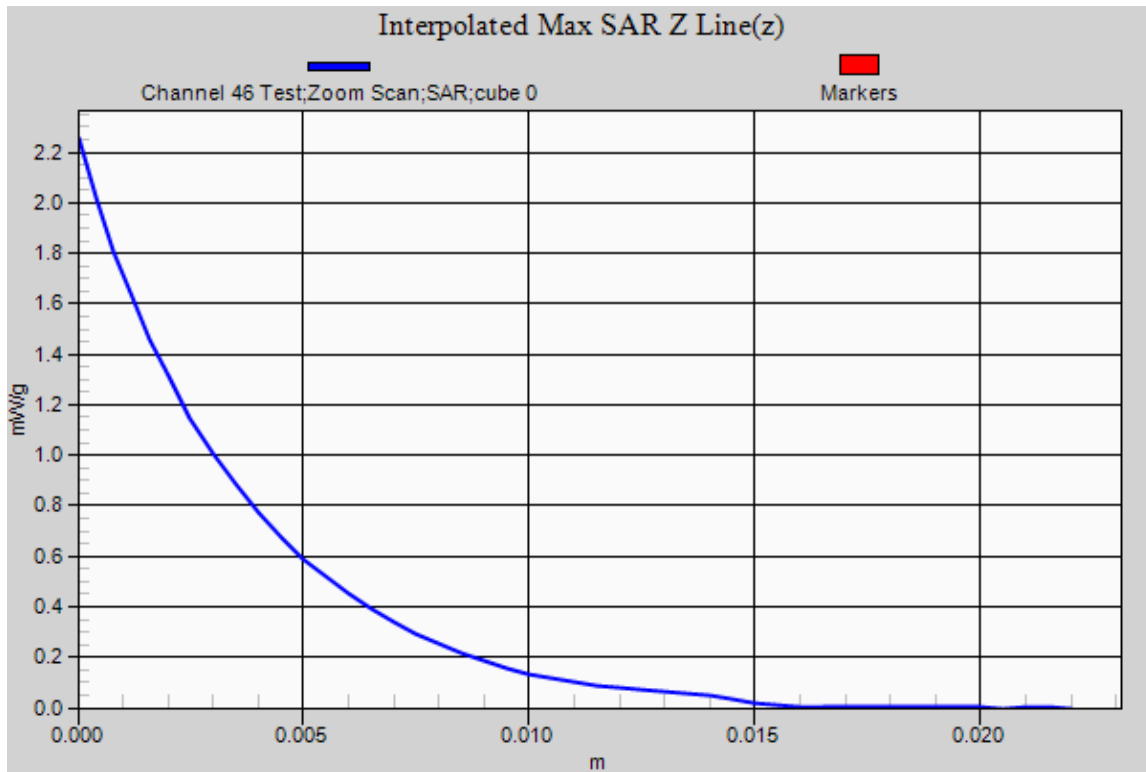


0 dB = 1.260mW/g

SAR MEASUREMENT PLOT 6

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

File Name: M110362 Secondary Landscape OFDM 5.2 GHz WiFi Ant A 20-04-11.da52:0

DUT: Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5258$ MHz; $\sigma = 5.465$ mho/m; $\epsilon_r = 45.295$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 52 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.396 mW/g

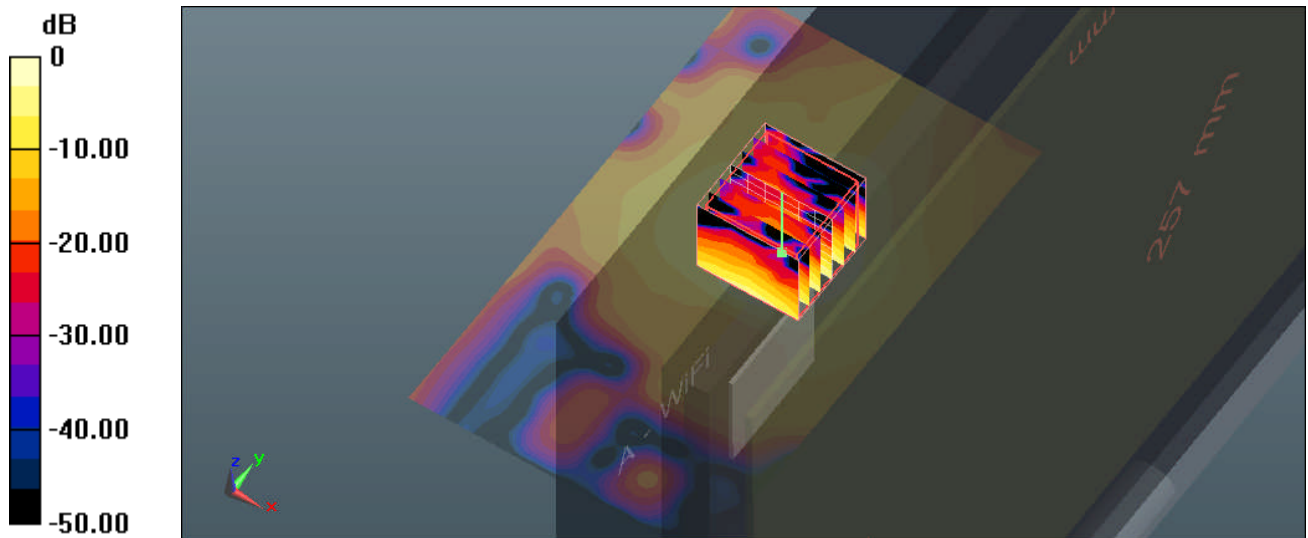
Configuration/Channel 52 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.522 V/m; Power Drift = -0.49 dB

Peak SAR (extrapolated) = 2.495 W/kg

SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 1.382 mW/g

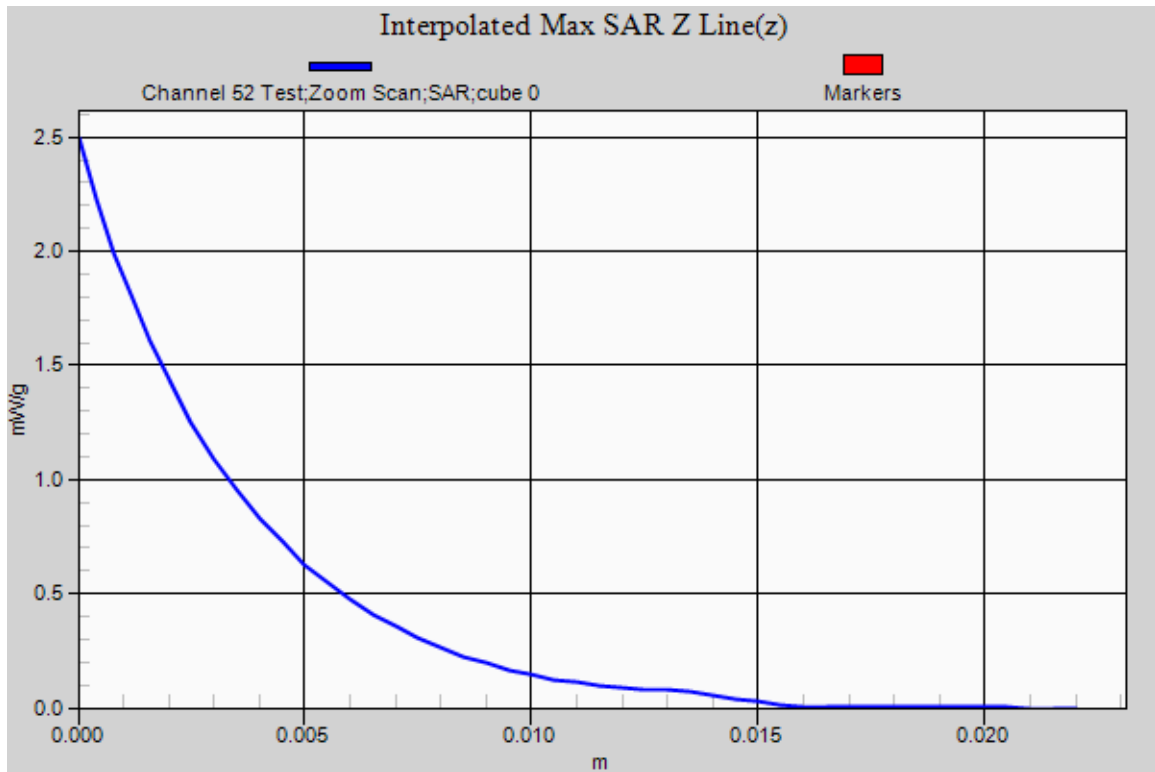


0 dB = 1.380mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

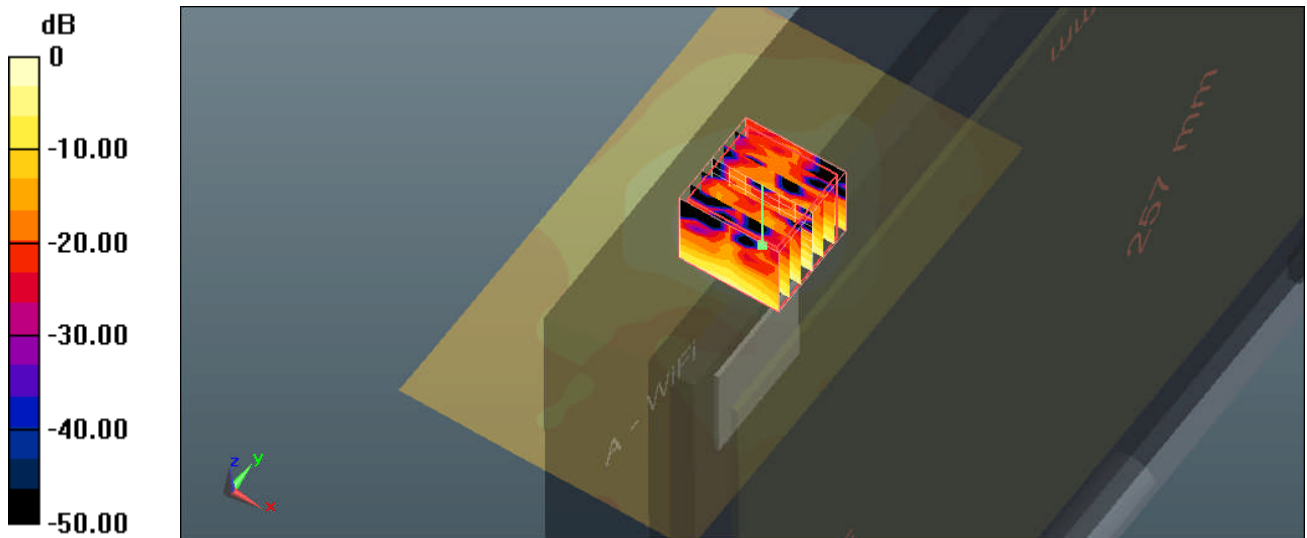
File Name: M110362_Secundary_Landscape_OFDM_5.2_GHz_WiFi_Ant_A_20-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5320 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5323$ MHz; $\sigma = 5.609$ mho/m; $\epsilon_r = 45.02$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 64 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.944 mW/g

Configuration/Channel 64 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 6.939 V/m; Power Drift = -0.33 dB
 Peak SAR (extrapolated) = 1.541 W/kg
SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.147 mW/g
 Maximum value of SAR (measured) = 0.865 mW/g

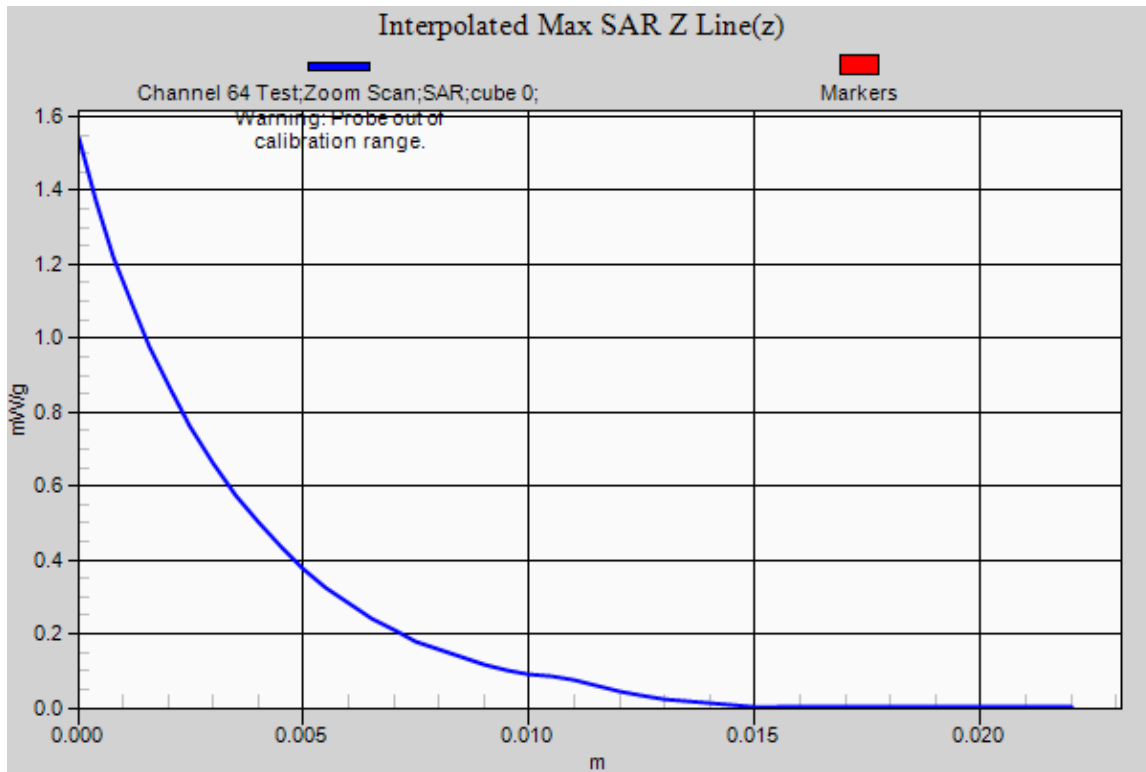


0 dB = 0.860mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature
 Liquid Temperature
 Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



Test Date: 20 April 2011

File Name: M110362 Secondary Landscape OFDM 5.2 GHz WiFi Ant B 20-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5180 MHz; Duty Cycle: 1:17.0451

* Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.342 \text{ mho/m}$; $\epsilon_r = 45.34$; $\rho = 1000 \text{ kg/m}^3$

- 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

Configuration/Channel 36 Test/Area Scan (71x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.546 mW/g

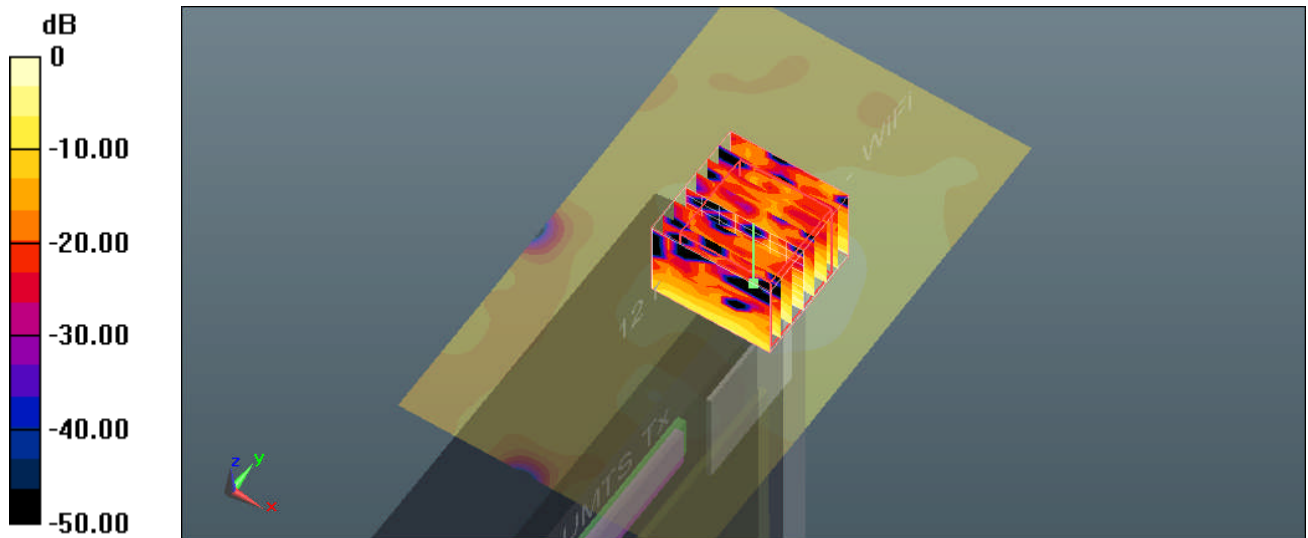
Configuration/Channel 36 Test/Zoom Scan (8x8x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 6.377 V/m; Power Drift = -0.45 dB

Peak SAR (extrapolated) = 0.904 W/kg

SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.538 mW/g

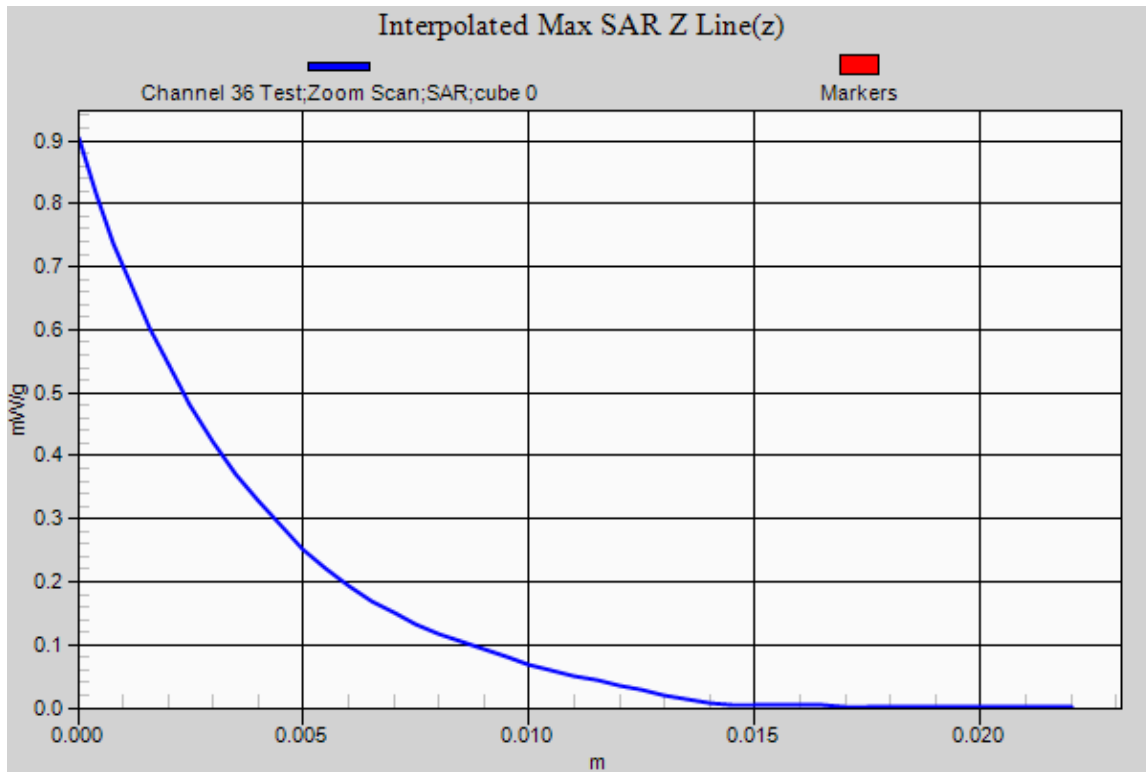


0 dB = 0.540mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

File Name: M110362 Secondary Landscape HT0 (40MHz) 5.2 GHz WiFi Ant B 20-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5230 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5232$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 45.372$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 46 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.741 mW/g

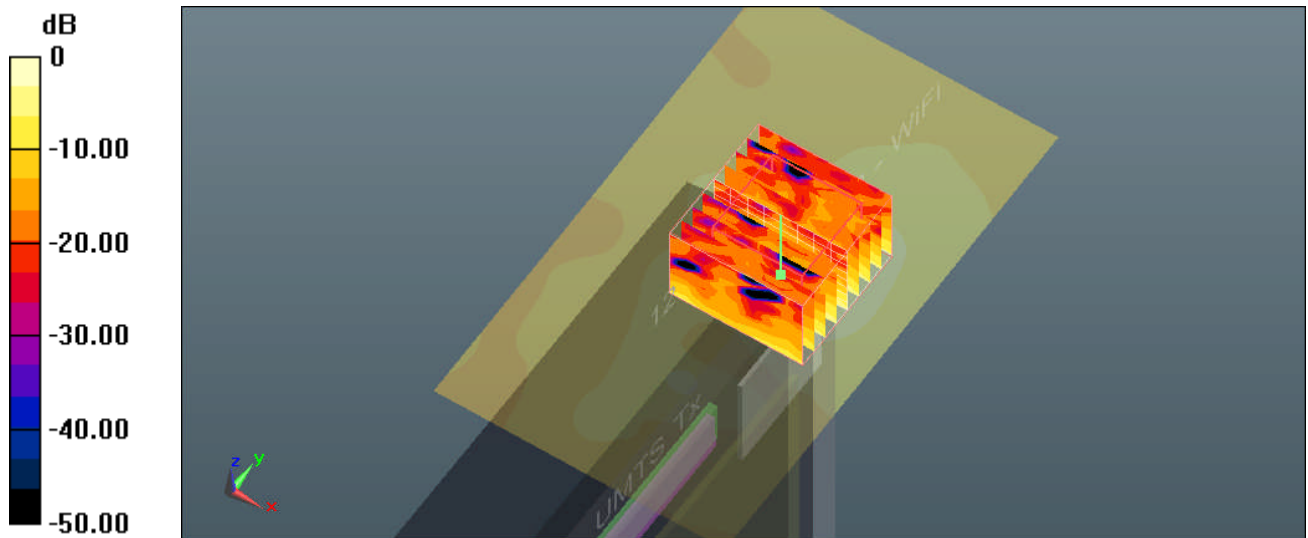
Configuration/Channel 46 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.353 V/m; Power Drift = -0.38 dB

Peak SAR (extrapolated) = 1.267 W/kg

SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.710 mW/g

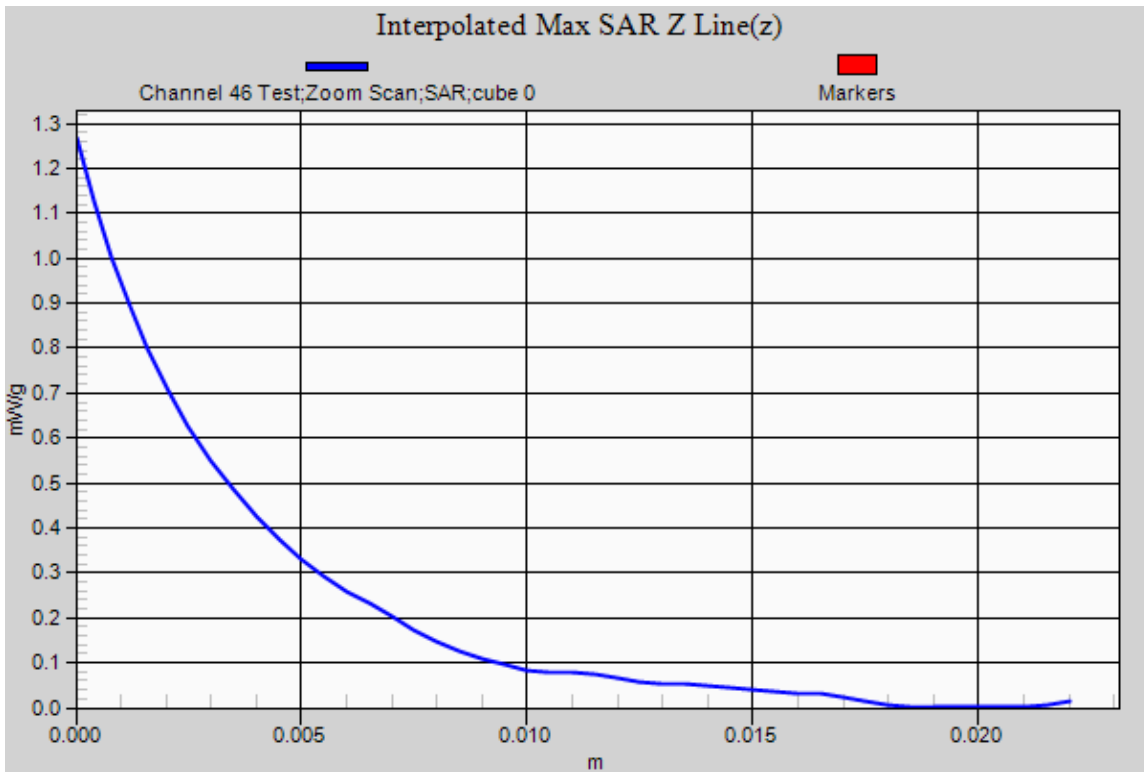


0 dB = 0.710mW/g

SAR MEASUREMENT PLOT 10

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

File Name: M110362 Secondary Landscape OFDM 5.2 GHz WiFi Ant B 20-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5258$ MHz; $\sigma = 5.465$ mho/m; $\epsilon_r = 45.295$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 52 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.679 mW/g

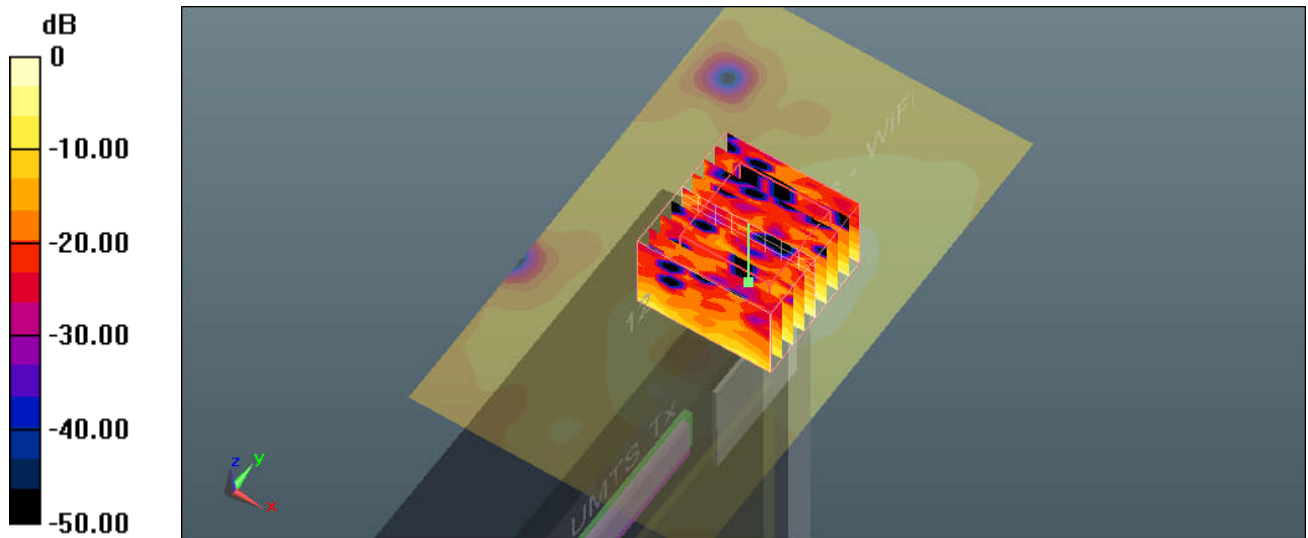
Configuration/Channel 52 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.205 V/m; Power Drift = -0.47 dB

Peak SAR (extrapolated) = 1.189 W/kg

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.660 mW/g

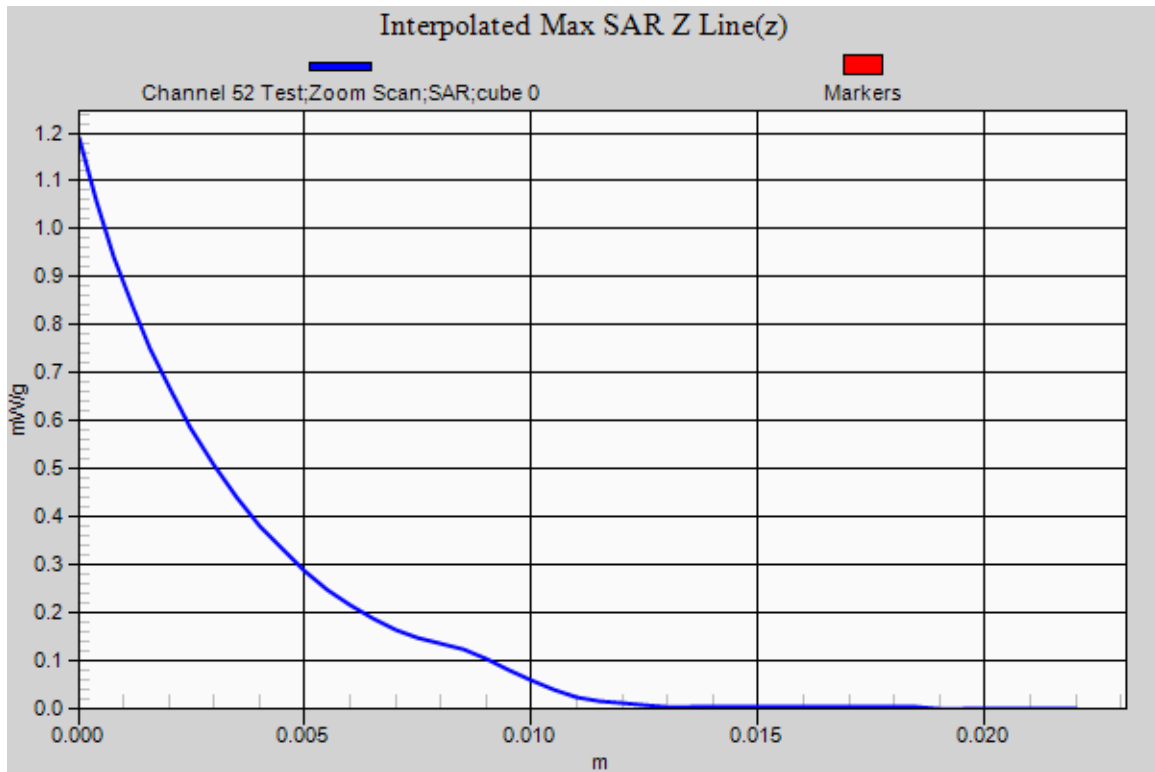


0 dB = 0.660mW/g

SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

File Name: M110362 Secondary Landscape OFDM 5.2 GHz WiFi Ant B 20-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5320 MHz; Duty Cycle: 1:17.0451

* Medium parameters used: $f = 5323$ MHz; $\sigma = 5.609$ mho/m; $\epsilon_r = 45.02$; $\rho = 1000$ kg/m³

- 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

Configuration/Channel 64 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.787 mW/g

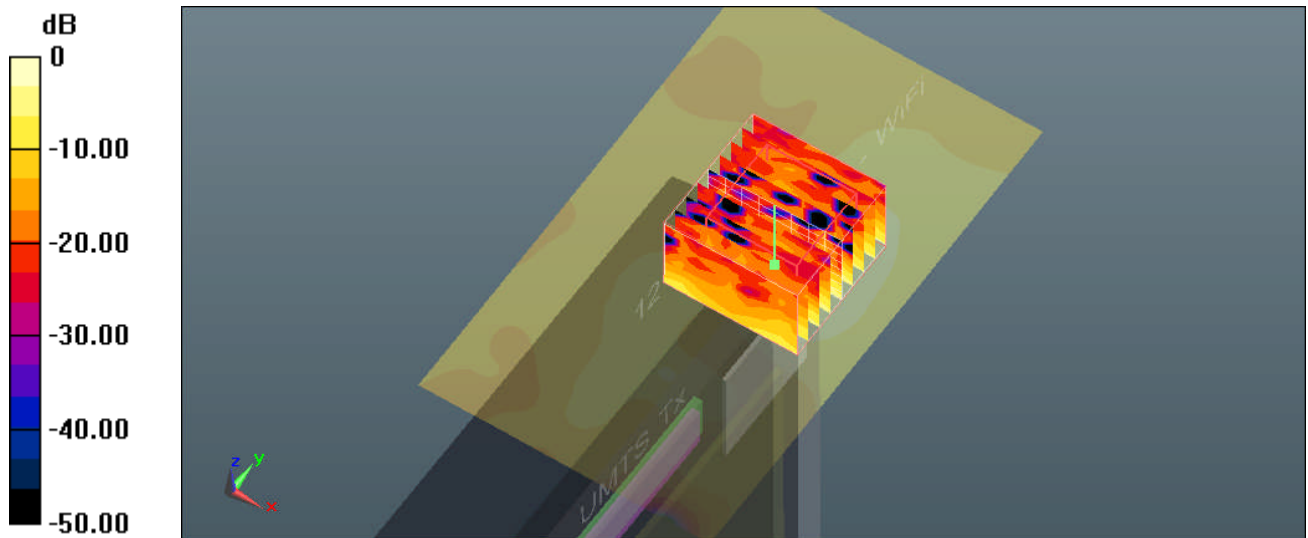
Configuration/Channel 64 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.949 V/m; Power Drift = -0.48 dB

Peak SAR (extrapolated) = 1.387 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.131 mW/g

Maximum value of SAR (measured) = 0.753 mW/g

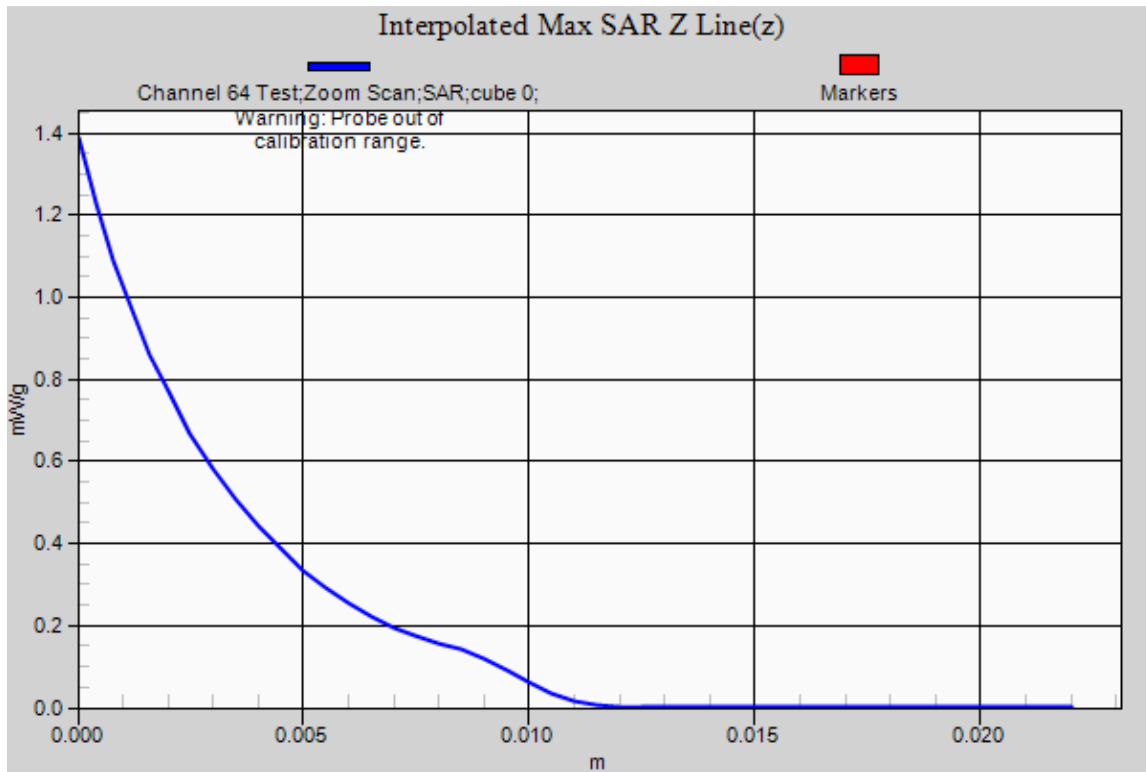


0 dB = 0.750mW/g

SAR MEASUREMENT PLOT 12

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

File Name: M110362 Secondary Portrait OFDM 5.2 GHz WiFi Ant B 20-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5180 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.342 \text{ mho/m}$; $\epsilon_r = 45.34$; $\rho = 1000 \text{ kg/m}^3$
- 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

Configuration/Channel 36 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.982 mW/g

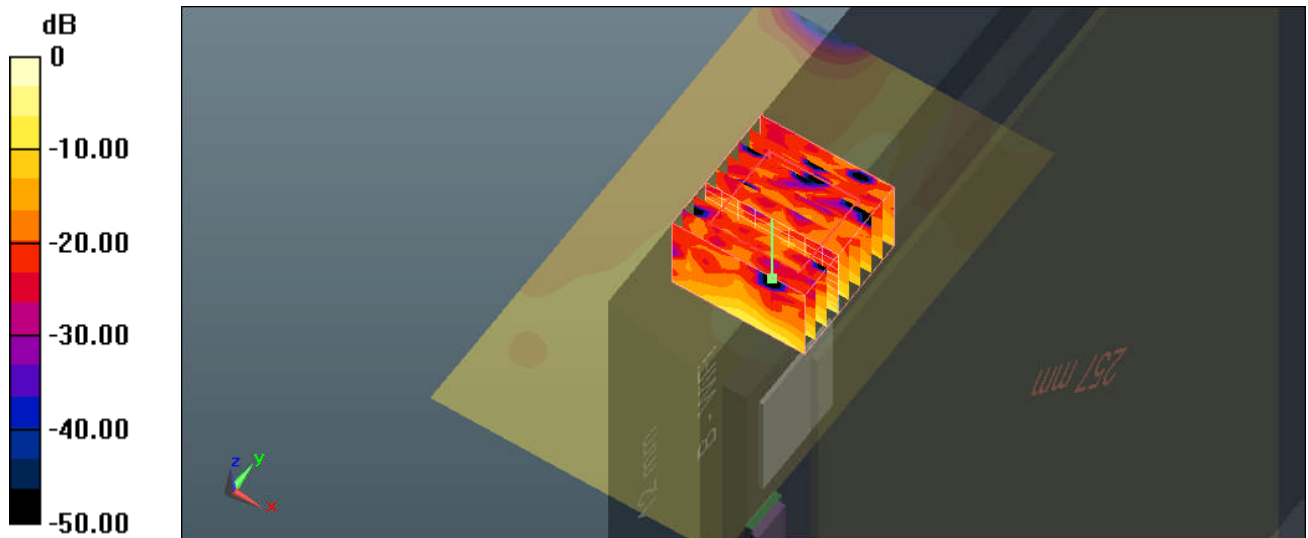
Configuration/Channel 36 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.582 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.794 W/kg

SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.936 mW/g

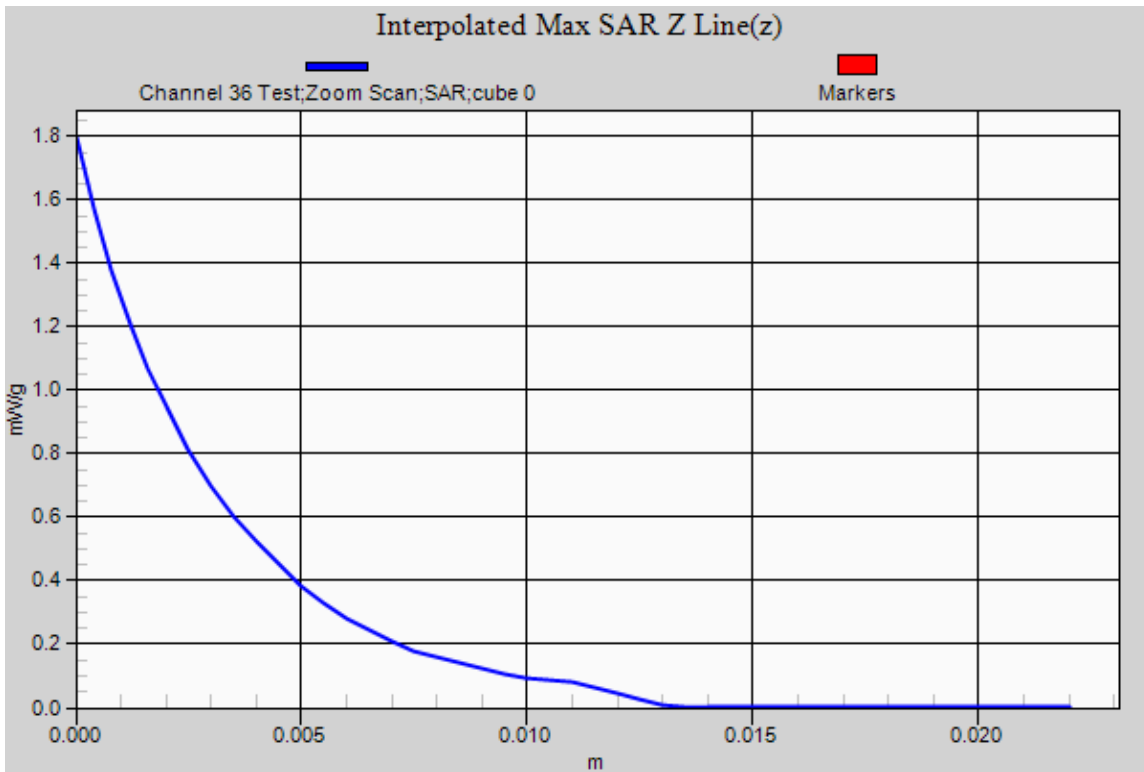


0 dB = 0.940mW/g

SAR MEASUREMENT PLOT 13

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

File Name: M110362 Secondary Portrait HT0 (40MHz) 5.2 GHz WiFi Ant B 20-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz HT0 (40 MHz); Frequency: 5230 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 5232 \text{ MHz}$; $\sigma = 5.42 \text{ mho/m}$; $\epsilon_r = 45.372$; $\rho = 1000 \text{ kg/m}^3$
- 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

Configuration/Channel 46 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.489 mW/g

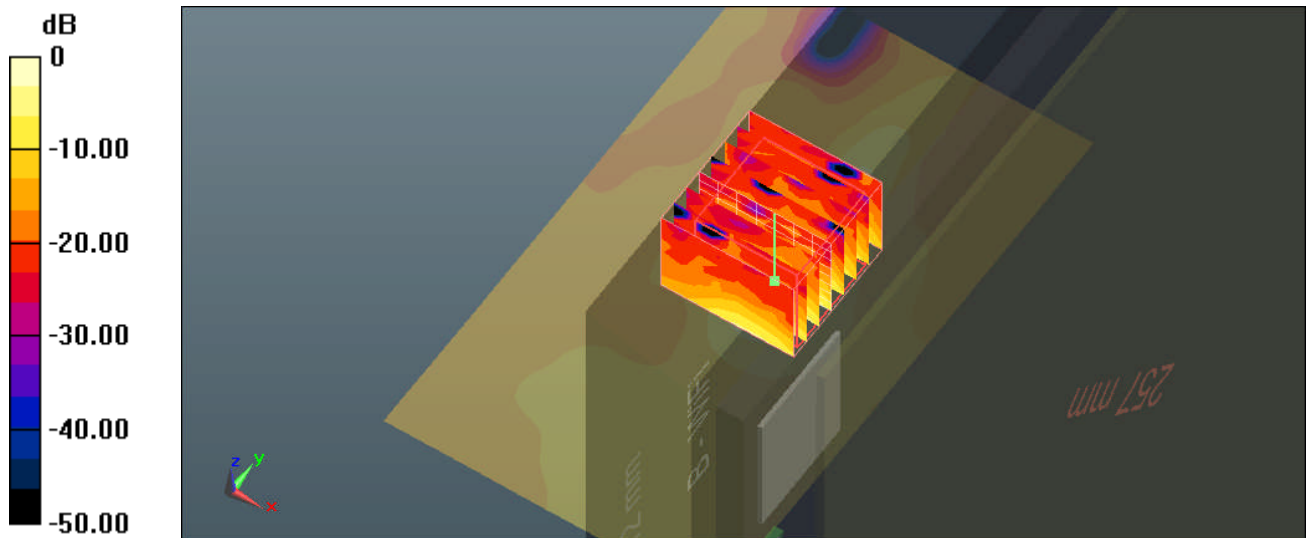
Configuration/Channel 46 Test/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.406 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.580 W/kg

SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.202 mW/g

Maximum value of SAR (measured) = 1.432 mW/g

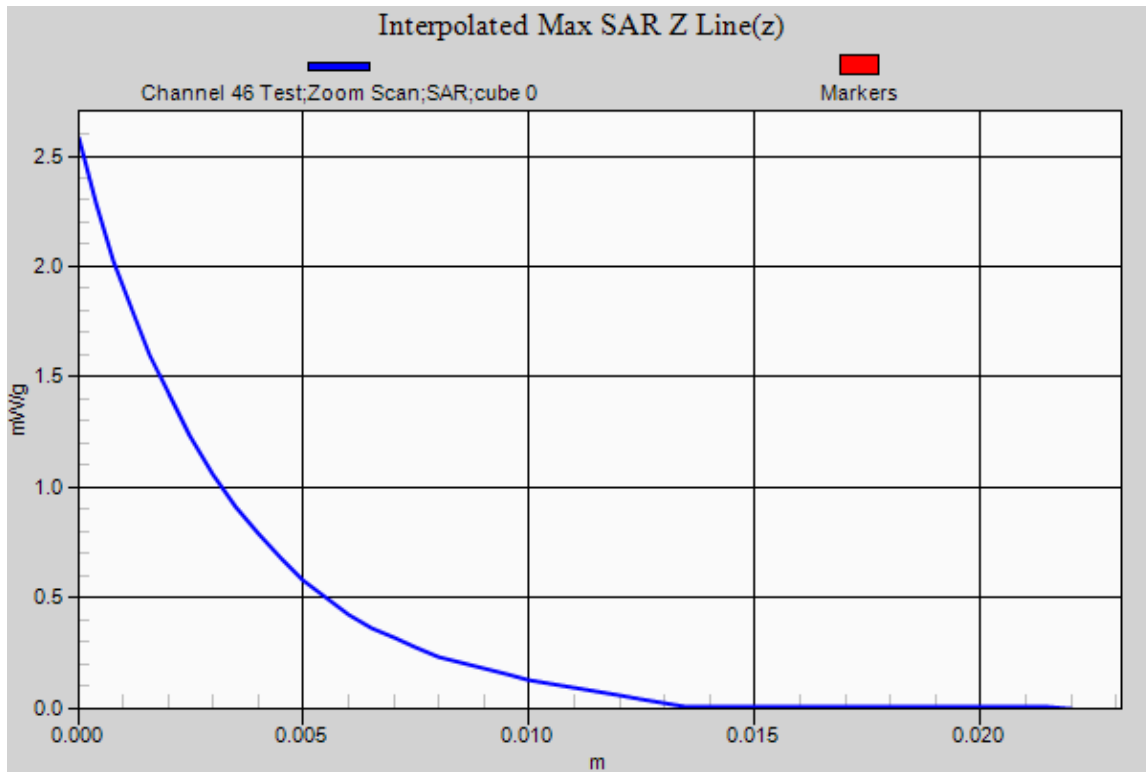


0 dB = 1.430mW/g

SAR MEASUREMENT PLOT 14

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

File Name: M110362 Secondary Portrait OFDM 5.2 GHz WiFi Ant B 20-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5258$ MHz; $\sigma = 5.465$ mho/m; $\epsilon_r = 45.295$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 52 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.413 mW/g

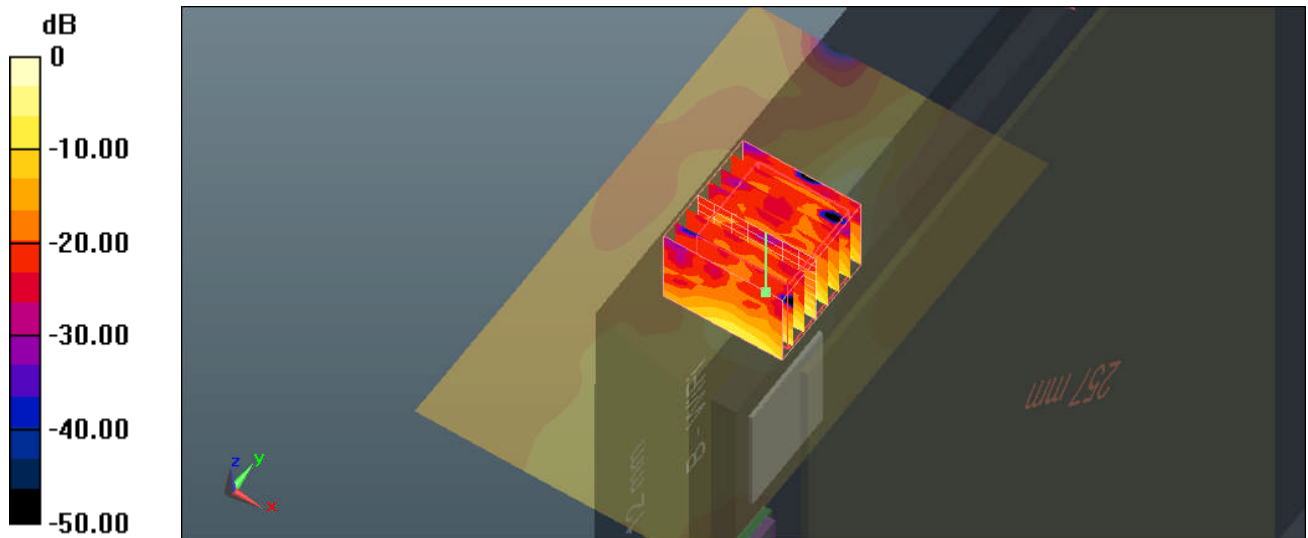
Configuration/Channel 52 Test/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.157 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.811 W/kg

SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 1.439 mW/g

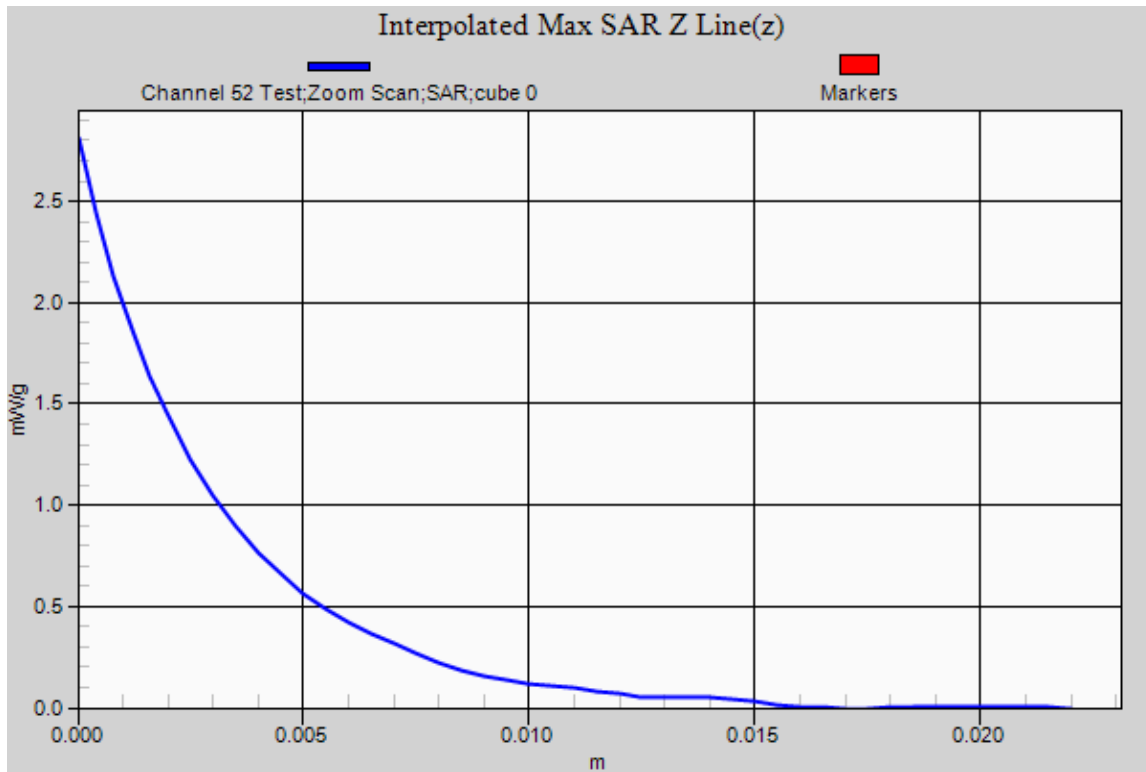


0 dB = 1.440mW/g

SAR MEASUREMENT PLOT 15

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



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Test Date: 20 April 2011

File Name: M110362 Secondary Portrait OFDM 5.2 GHz WiFi Ant B 20-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5320 MHz; Duty Cycle: 1:17.0451

* Medium parameters used: $f = 5323 \text{ MHz}$; $\sigma = 5.609 \text{ mho/m}$; $\epsilon_r = 45.02$; $\rho = 1000 \text{ kg/m}^3$

- 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

Configuration/Channel 64 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.971 mW/g

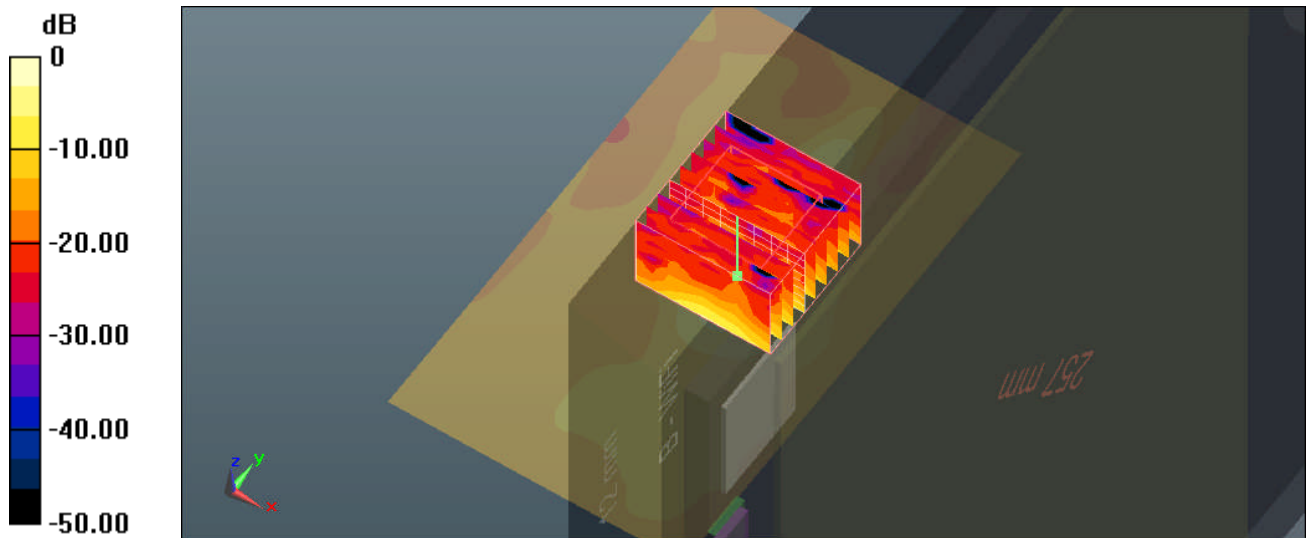
Configuration/Channel 64 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.269 V/m; Power Drift = -0.46 dB

Peak SAR (extrapolated) = 3.750 W/kg

SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 1.920 mW/g

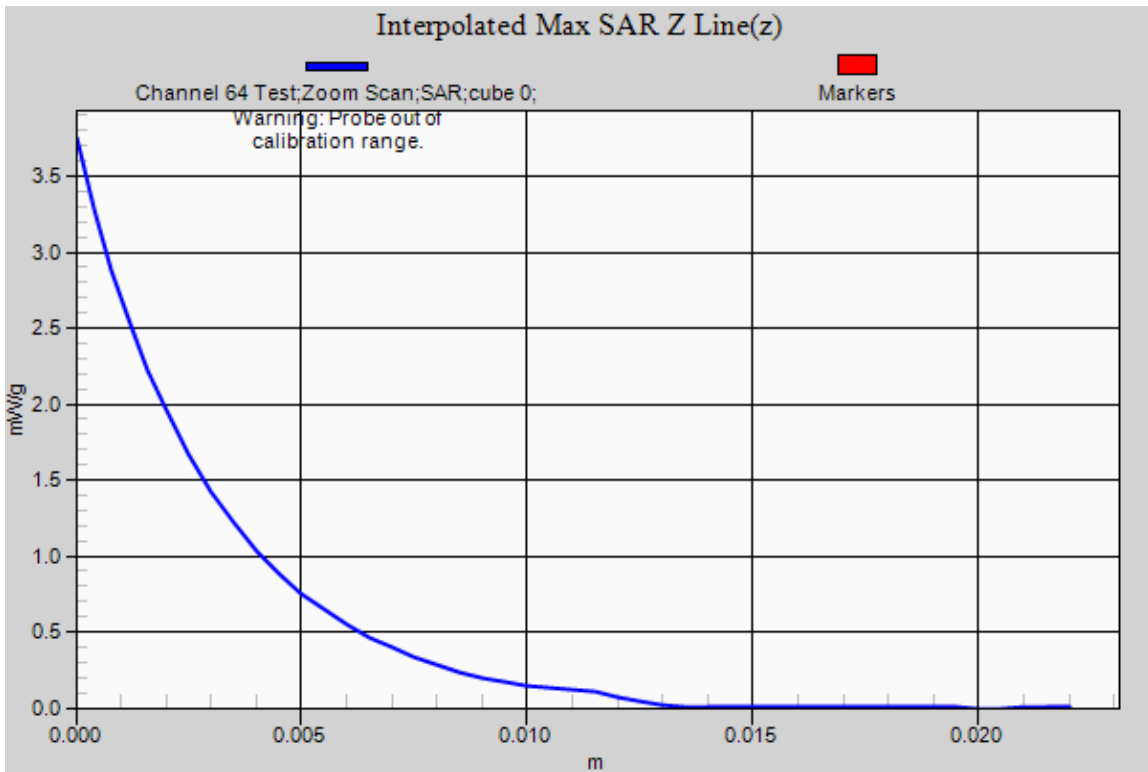


0 dB = 1.920mW/g

SAR MEASUREMENT PLOT 16

Ambient Temperature
Liquid Temperature
Humidity

20.2 Degrees Celsius
20.0 Degrees Celsius
58.0 %



Test Date: 27 April 2011

File Name: M110362 Bystander 25 mmSpacing OFDM 5.5 GHz WiFi Ant A 27-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5580 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5577$ MHz; $\sigma = 5.758$ mho/m; $\epsilon_r = 44.12$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 116 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.201 mW/g

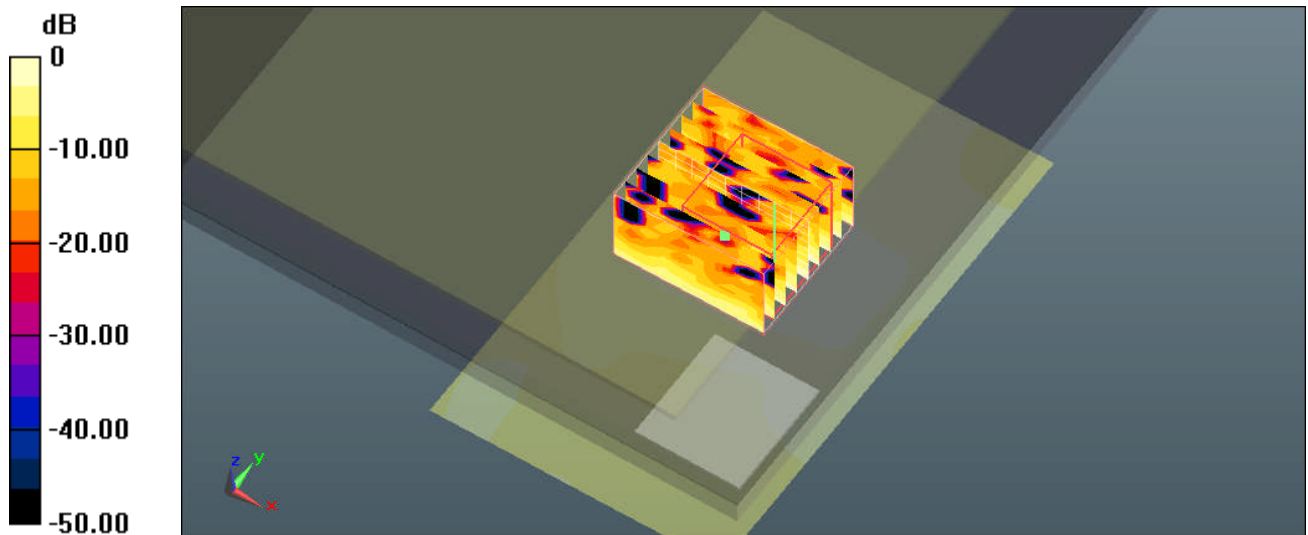
Configuration/Channel 116 Test/Zoom Scan (10x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.434 V/m; Power Drift = -0.35 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.196 mW/g

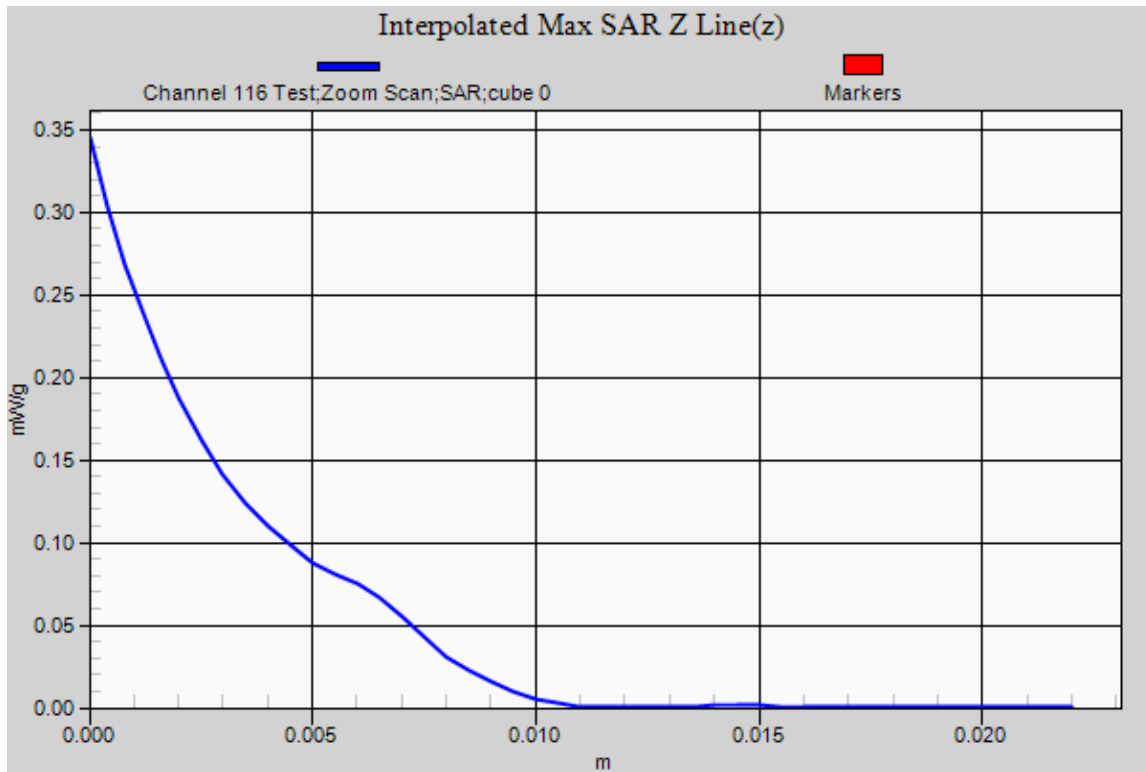


0 dB = 0.200mW/g

SAR MEASUREMENT PLOT 17

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
47.0 %



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Test Date: 27 April 2011

File Name: M110362 Bystander 25 mm Spacing OFDM 5.5 GHz WiFi Ant B 27-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5580 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5577$ MHz; $\sigma = 5.758$ mho/m; $\epsilon_r = 44.12$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 116 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.194 mW/g

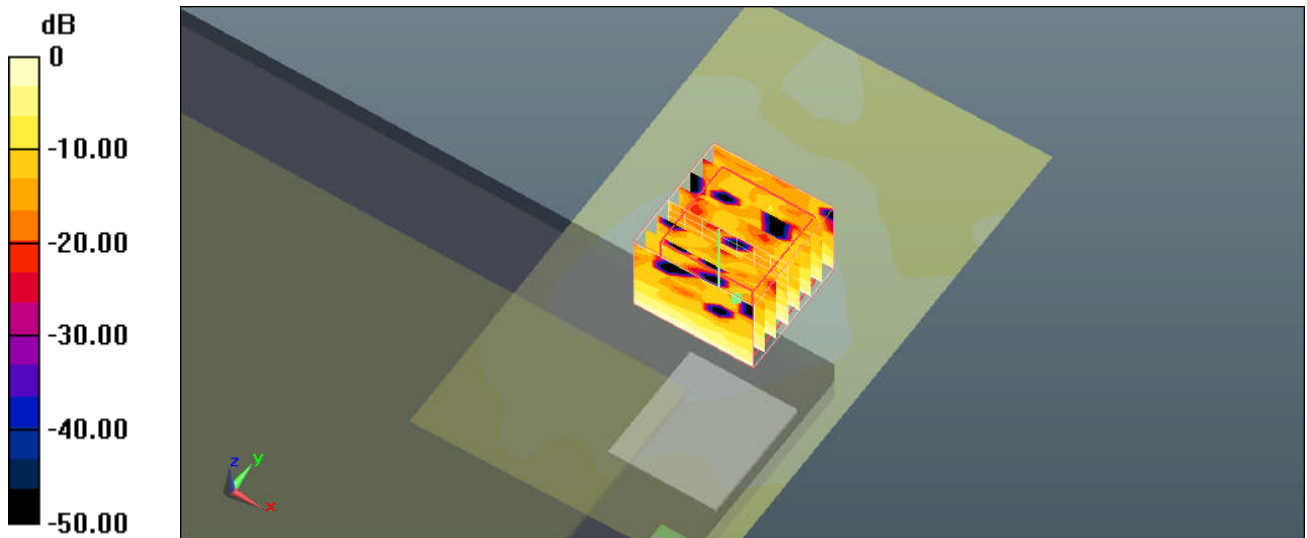
Configuration/Channel 116 Test/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.618 V/m; Power Drift = -0.44 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.196 mW/g

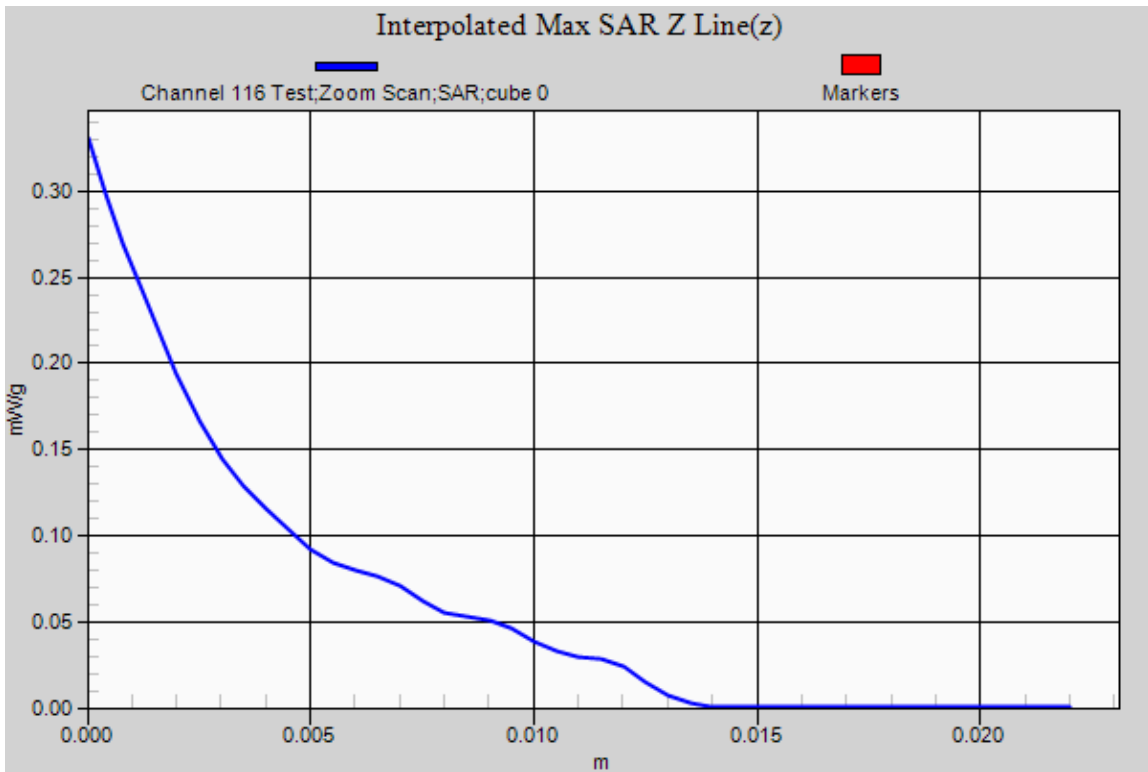


0 dB = 0.200mW/g

SAR MEASUREMENT PLOT 18

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
47.0 %



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Test Date: 27 April 2011

File Name: M110362_Lap Held OFDM 5.5 GHz WiFi Ant A 27-04-11.da52:0

DUT: Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5580 MHz; Duty Cycle: 1:17.0451

* Medium parameters used: $f = 5577$ MHz; $\sigma = 5.758$ mho/m; $\epsilon_r = 44.12$; $\rho = 1000$ kg/m³

- 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

Configuration/Channel 116 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.253 mW/g

Configuration/Channel 116 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid:

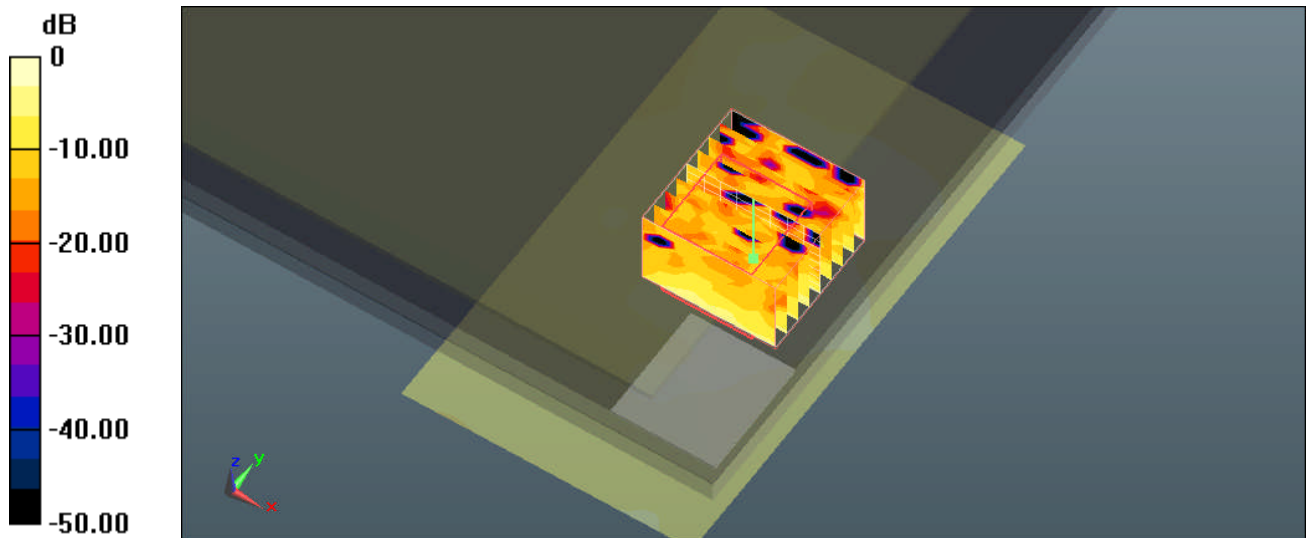
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.170 V/m; Power Drift = -0.49 dB

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.040 mW/g

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



0 dB = 0.240mW/g

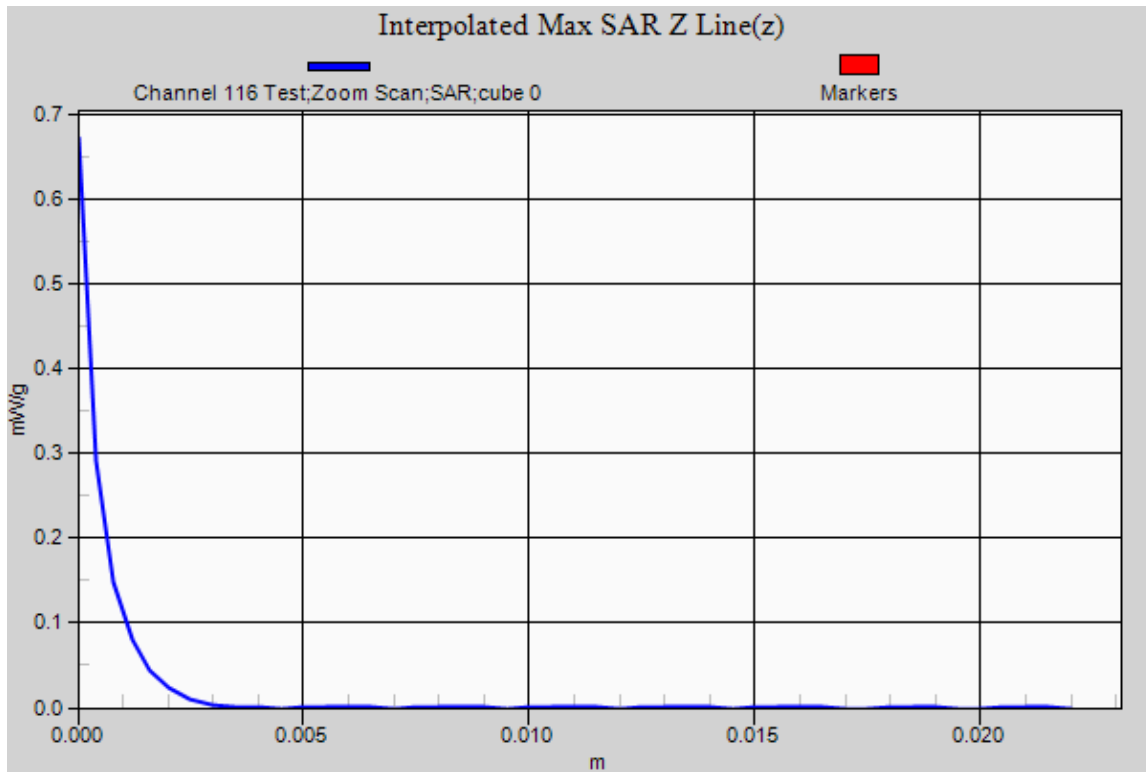
SAR MEASUREMENT PLOT 19

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
47.0 %



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Test Date: 27 April 2011

File Name: M110362 Primary Portrait OFDM 5.5 GHz WiFi Ant A 27-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5580 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5577$ MHz; $\sigma = 5.758$ mho/m; $\epsilon_r = 44.12$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 116 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.148 mW/g

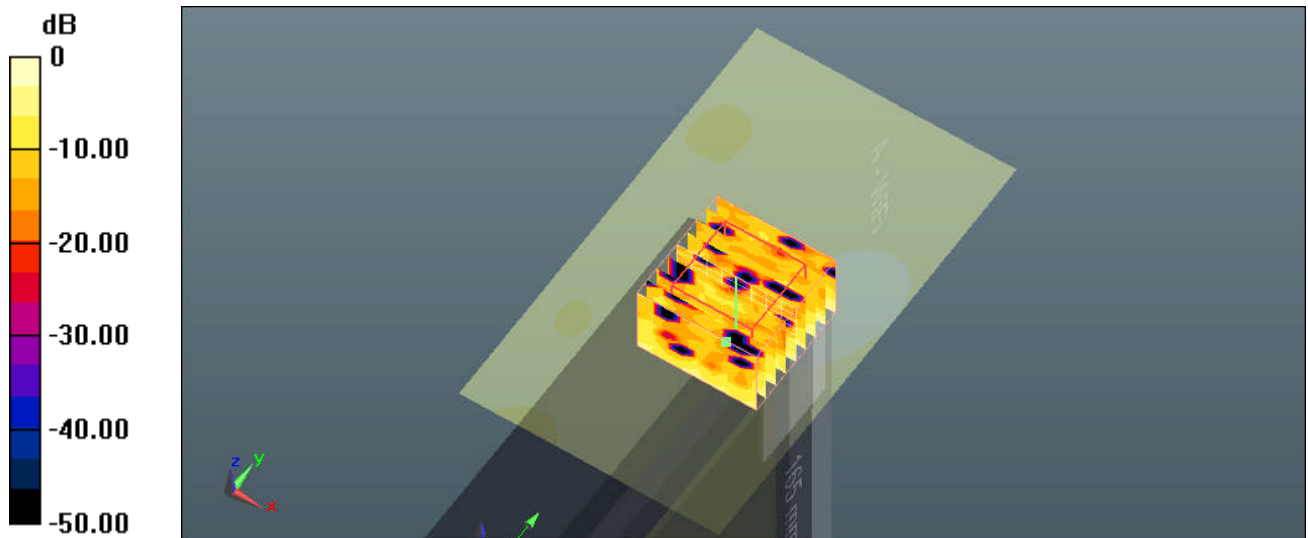
Configuration/Channel 116 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.567 V/m; Power Drift = -0.31 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.167 mW/g

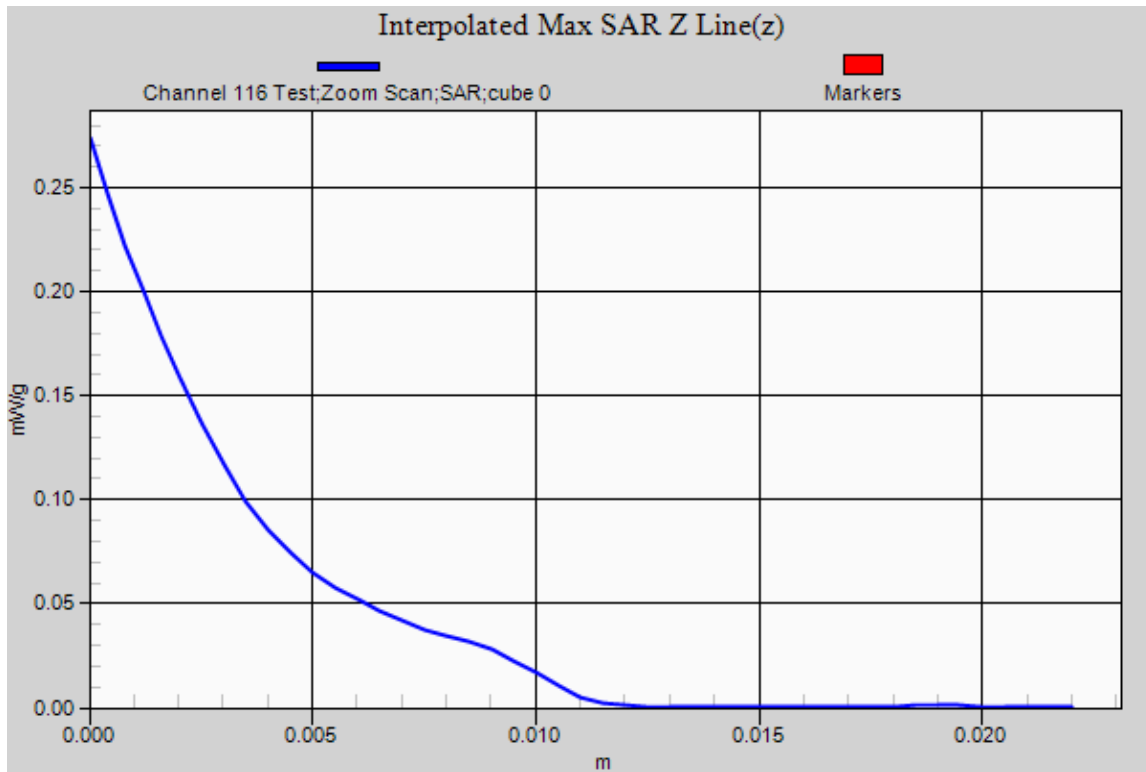


0 dB = 0.170mW/g

SAR MEASUREMENT PLOT 20

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
47.0 %



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Test Date: 27 April 2011

File Name: M110362 Secondary Landscape OFDM 5.5 GHz WiFi Ant A 27-04-11.da52:0

DUT: Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5520 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5521$ MHz; $\sigma = 5.666$ mho/m; $\epsilon_r = 44.253$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 104 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.966 mW/g

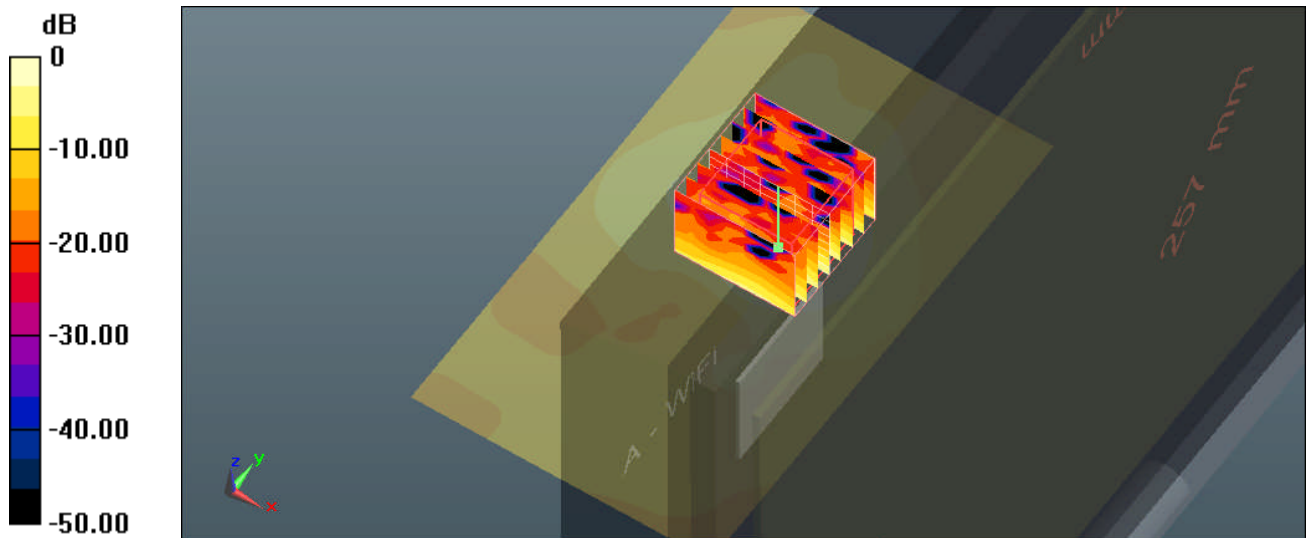
Configuration/Channel 104 Test/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.083 V/m; Power Drift = -0.38 dB

Peak SAR (extrapolated) = 1.746 W/kg

SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.936 mW/g

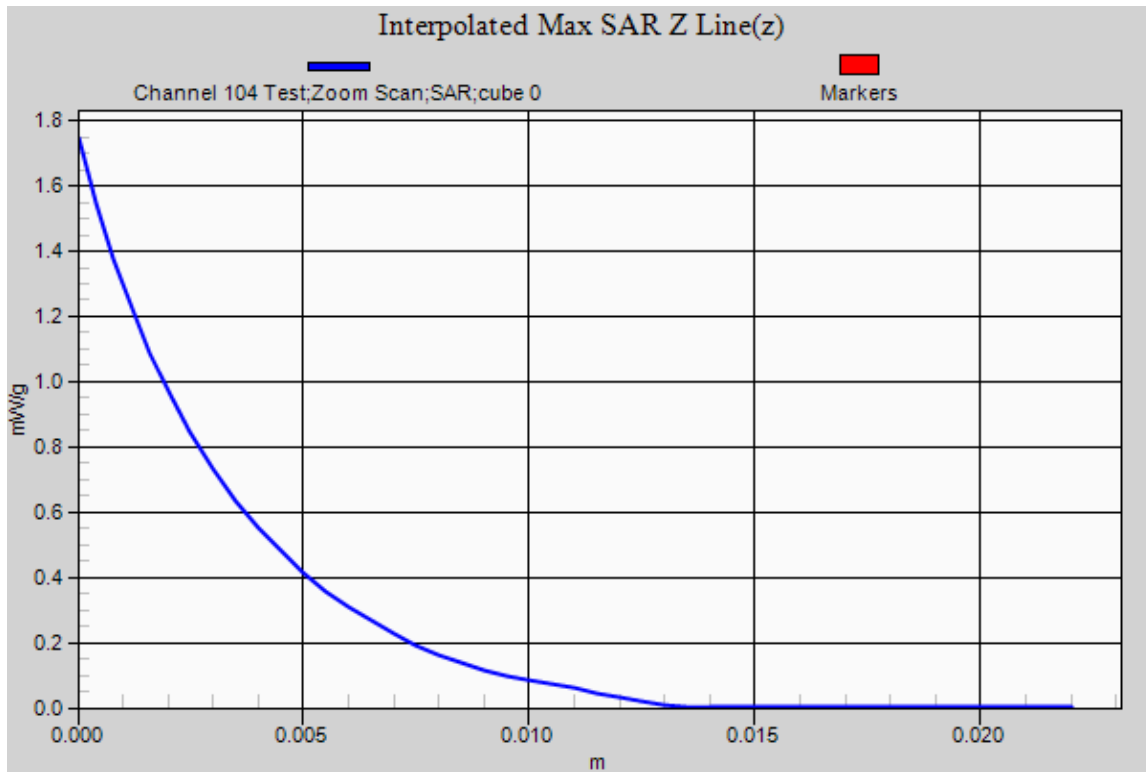


0 dB = 0.940mW/g

SAR MEASUREMENT PLOT 21

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
47.0 %



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Test Date: 27 April 2011

File Name: M110362 Secondary Landscape OFDM 5.5 GHz WiFi Ant A 27-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5580 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5577$ MHz; $\sigma = 5.758$ mho/m; $\epsilon_r = 44.12$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 116 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.945 mW/g

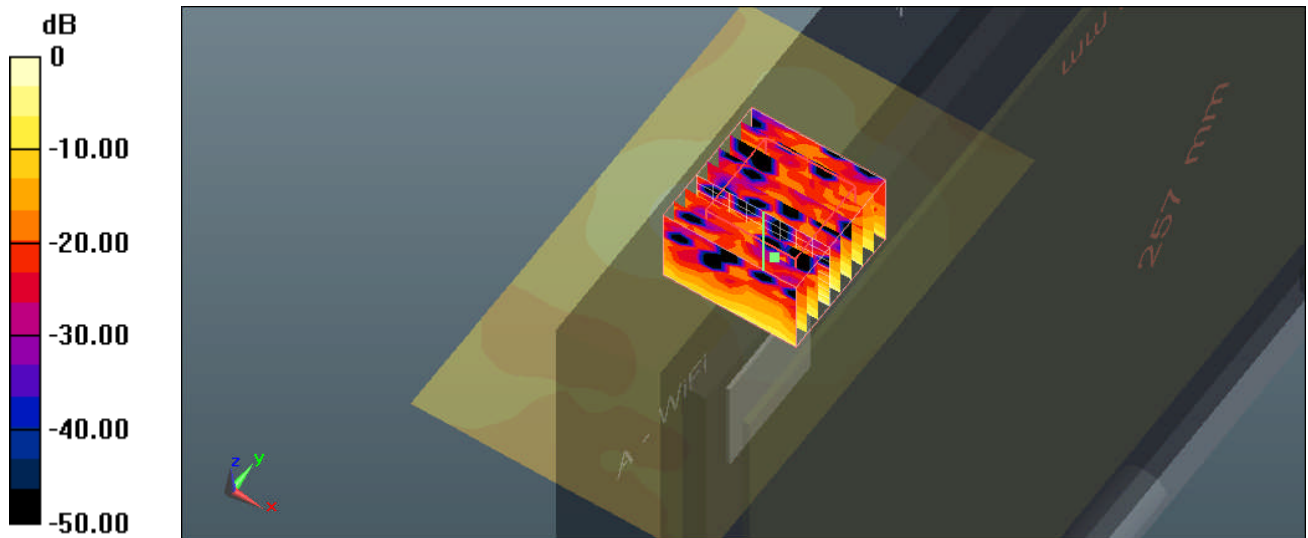
Configuration/Channel 116 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.698 V/m; Power Drift = -0.44 dB

Peak SAR (extrapolated) = 1.703 W/kg

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.928 mW/g

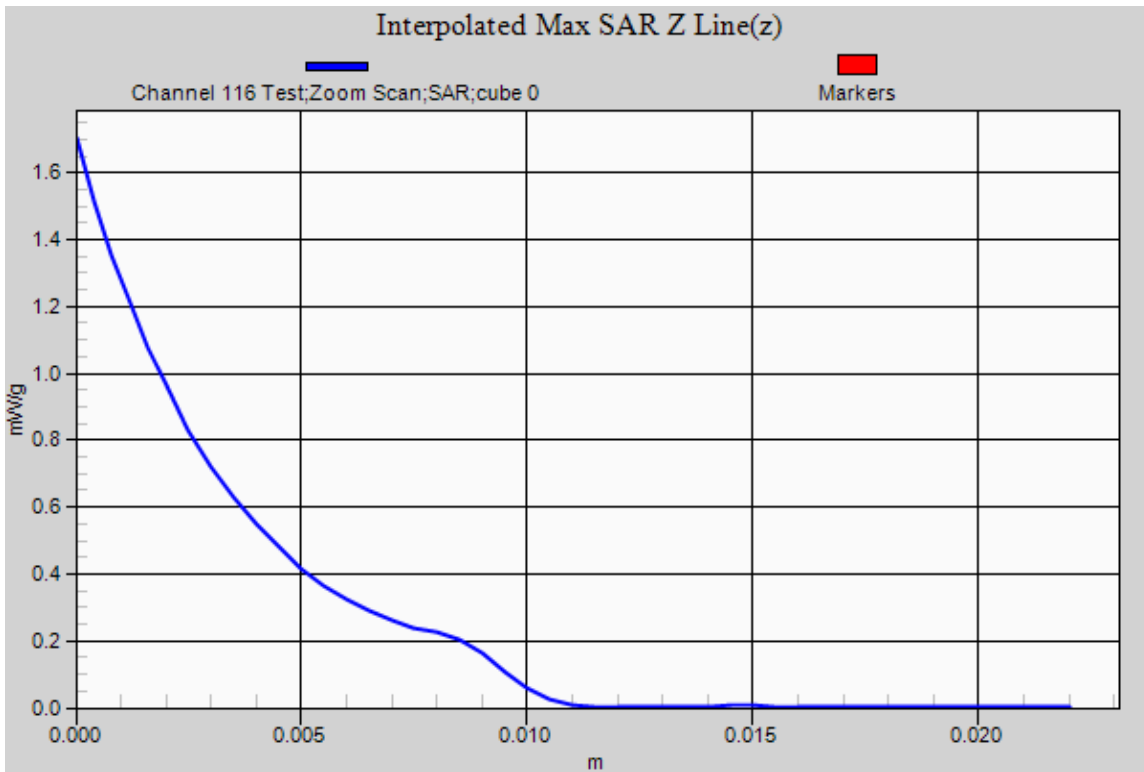


0 dB = 0.930mW/g

SAR MEASUREMENT PLOT 22

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
47.0 %



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Test Date: 27 April 2011

File Name: M110362 Secondary Landscape OFDM 5.5 GHz WiFi Ant A 27-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5620 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5619$ MHz; $\sigma = 5.834$ mho/m; $\epsilon_r = 43.938$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 124 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.816 mW/g

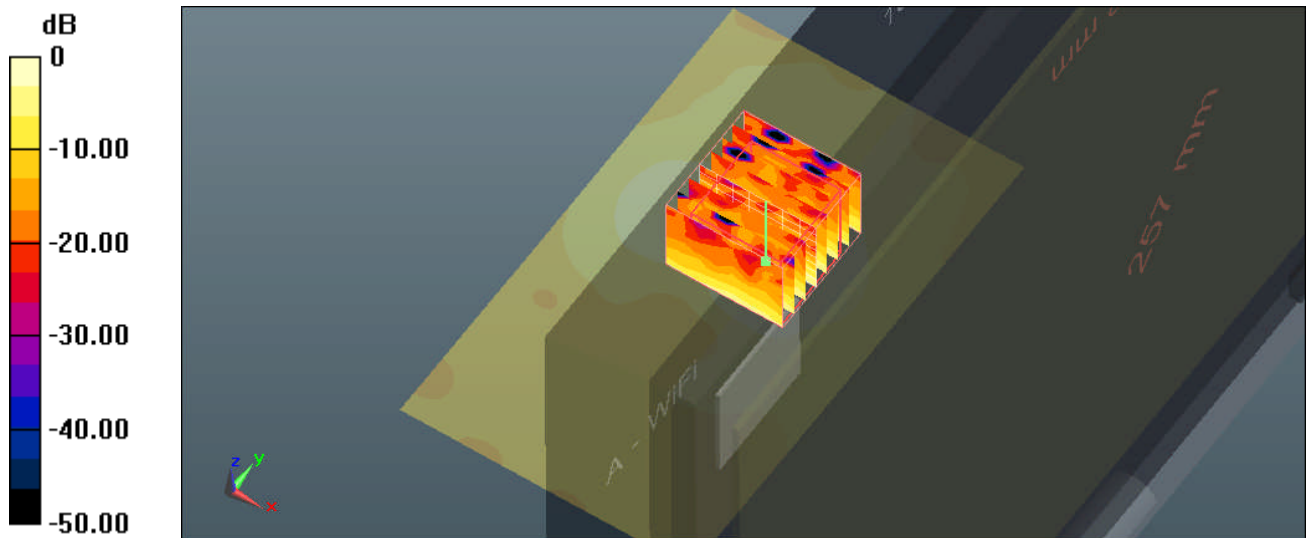
Configuration/Channel 124 Test/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.627 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.422 W/kg

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.759 mW/g

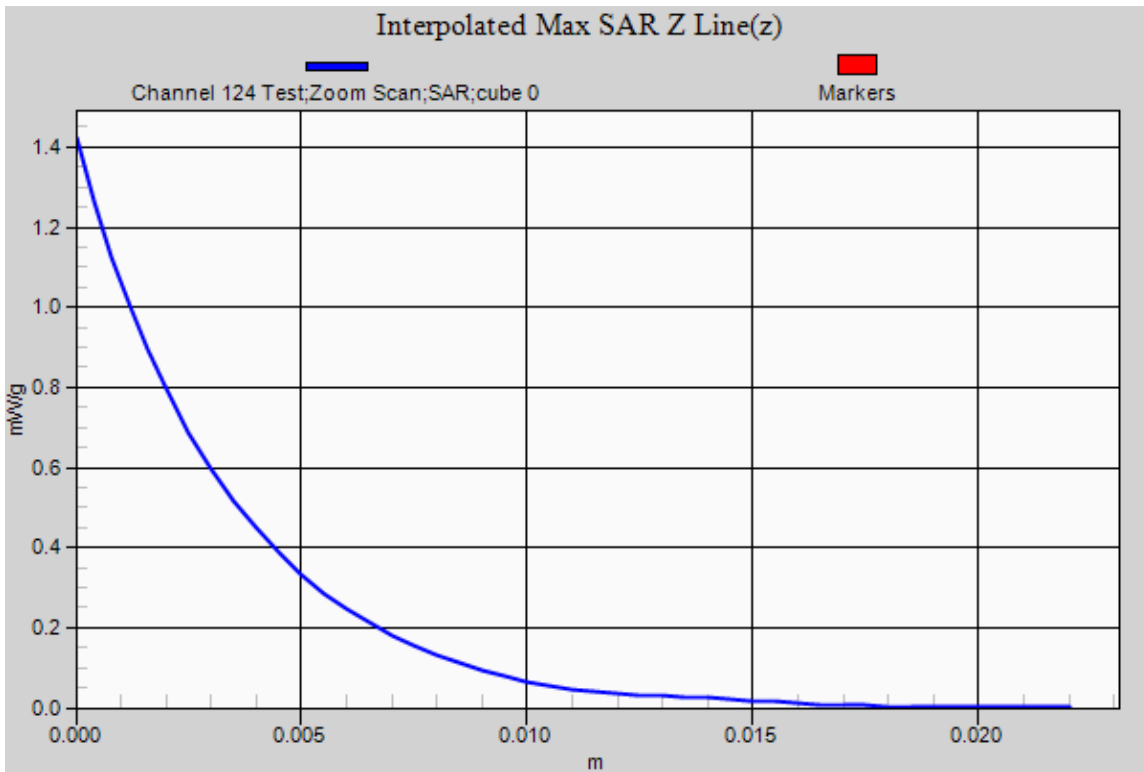


0 dB = 0.760mW/g

SAR MEASUREMENT PLOT 23

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
47.0 %



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Test Date: 27 April 2011

File Name: M110362 Secondary Landscape OFDM 5.5 GHz WiFi Ant A 27-04-11.da52:0

DUT: **Fujitsu Tablet Claw with HB116 11abgn; Type: AR5BHB116; Serial: MAC: 4CEDDE2CE17D**

- * Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5680 MHz; Duty Cycle: 1:17.0451
- * Medium parameters used: $f = 5682$ MHz; $\sigma = 5.944$ mho/m; $\epsilon_r = 43.791$; $\rho = 1000$ kg/m³
- 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

Configuration/Channel 136 Test/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.599 mW/g

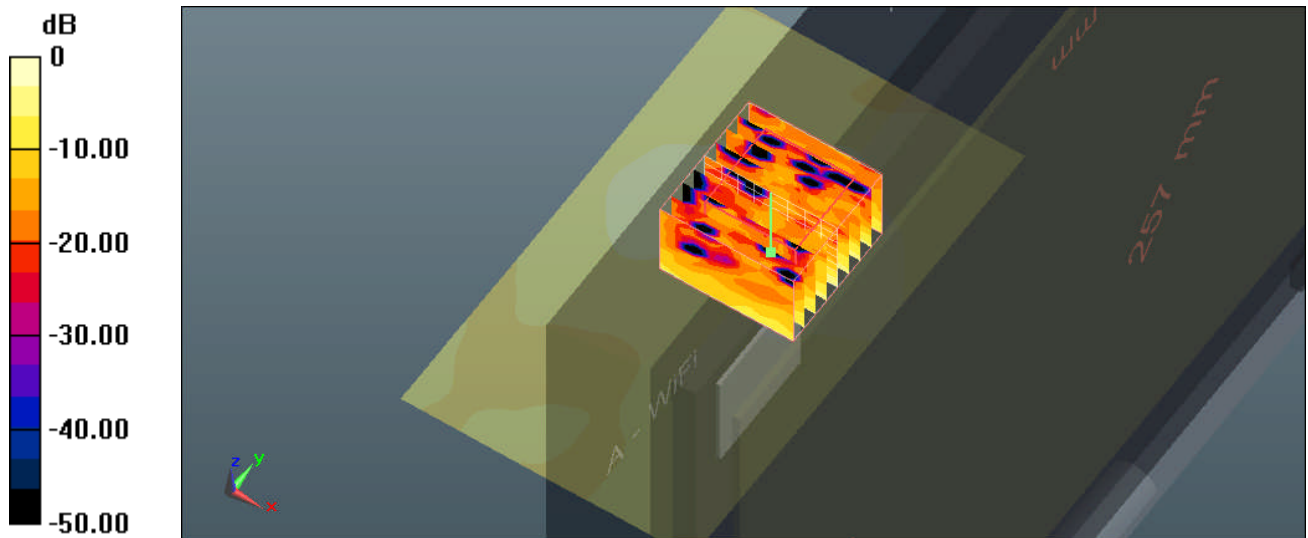
Configuration/Channel 136 Test/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.971 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.980 W/kg

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.542 mW/g

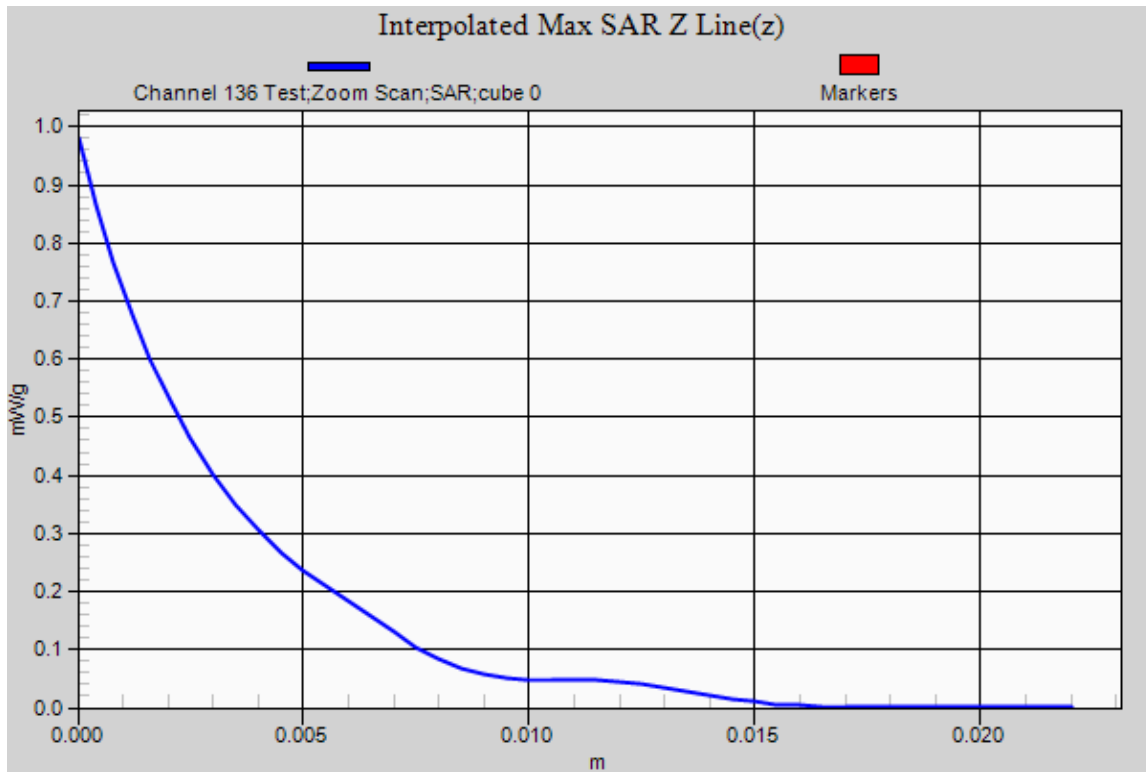


0 dB = 0.540mW/g

SAR MEASUREMENT PLOT 24

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.6 Degrees Celsius
47.0 %



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