

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.



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:0

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 1 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5180 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5179.9$ MHz; $\sigma = 5.31$ S/m; $\epsilon_r = 49.2$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

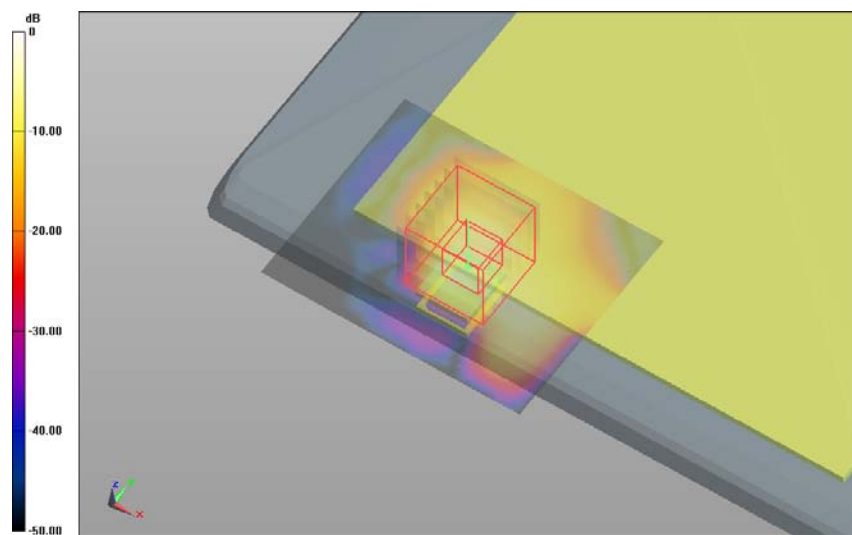
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 1 (OFDM) 18-09-14/Channel 36 Test/Area Scan (61x51x1): Interpolated grid:

dx=1.2 mm, dy=1.2 mm; Maximum value of SAR (interpolated) = 1.240 W/kg

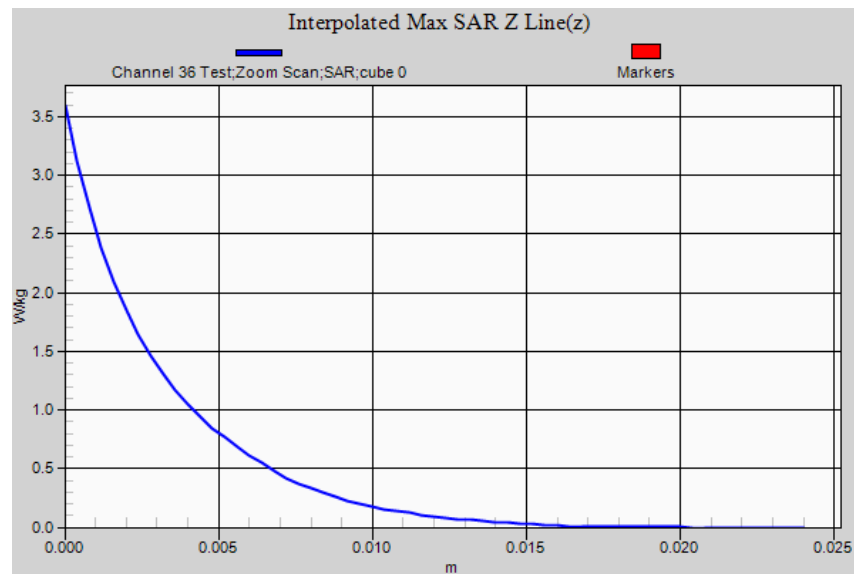
Body Worn Lap Held Antenna 1 (OFDM) 18-09-14/Channel 36 Test/Zoom Scan (31x31x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 22.661 V/m; **Power Drift = -0.06 dB****Averaged SAR: SAR(1g) = 0.884 W/kg; SAR(10g) = 0.231 W/kg**

Maximum value of SAR (interpolated) = 3.590 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

SAR Measurement Plot 1



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Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:0

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 1 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5240 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5239.3$ MHz; $\sigma = 5.40$ S/m; $\epsilon_r = 49.1$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

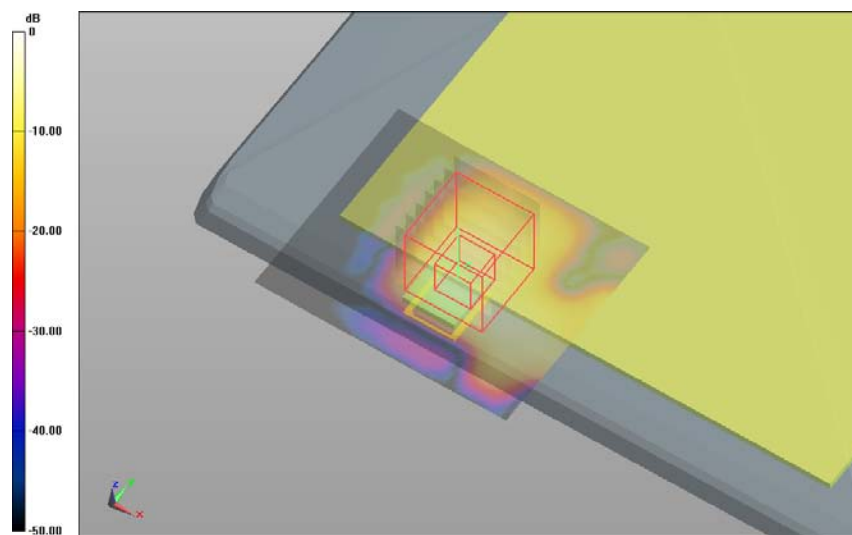
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 1 (OFDM) 18-09-14/Channel 48 Test/Area Scan (71x61x1): Interpolated grid:

dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 1.060 W/kg

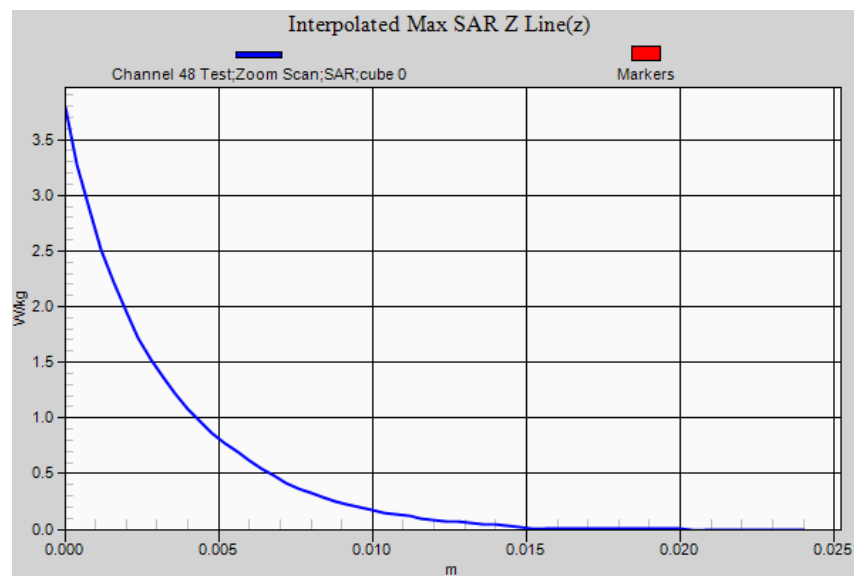
Body Worn Lap Held Antenna 1 (OFDM) 18-09-14/Channel 48 Test/Zoom Scan (31x31x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 20.622 V/m; **Power Drift = -0.12 dB****Averaged SAR: SAR(1g) = 0.908 W/kg; SAR(10g) = 0.244 W/kg**

Maximum value of SAR (interpolated) = 3.780 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

SAR Measurement Plot 2



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:0

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 1 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5260 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5260.75$ MHz; $\sigma = 5.45$ S/m; $\epsilon_r = 49.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

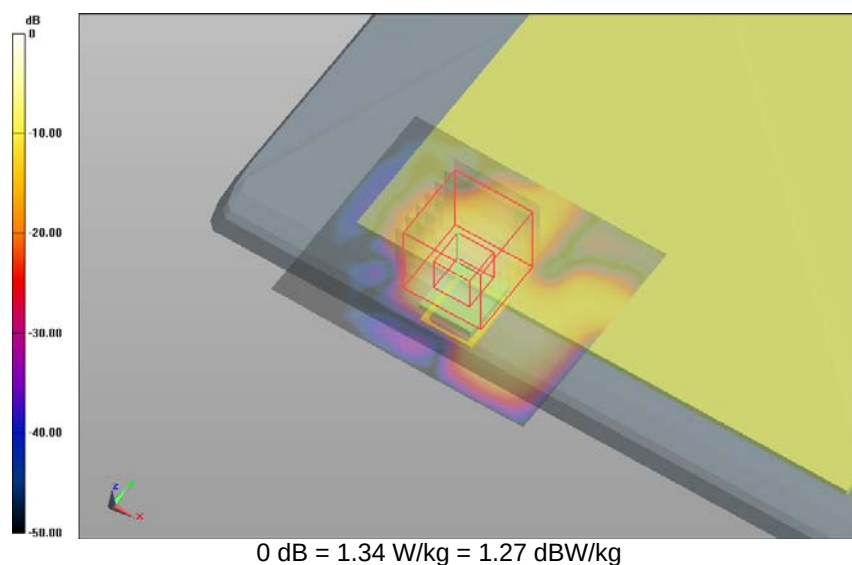
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

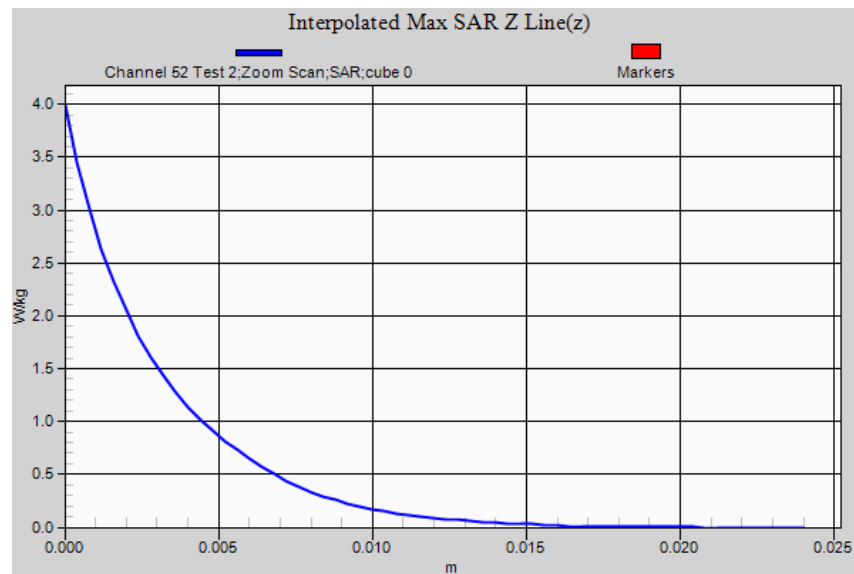
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 1 (OFDM) 18-09-14/Channel 52 Test 2/Area Scan (71x61x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 1.340 W/kg**Body Worn Lap Held Antenna 1 (OFDM) 18-09-14/Channel 52 Test 2/Zoom Scan (31x31x61)/Cube 0:**Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 24.077 V/m; **Power Drift = -0.16 dB****Averaged SAR: SAR(1g) = 0.964 W/kg; SAR(10g) = 0.254 W/kg**

Maximum value of SAR (interpolated) = 3.990 W/kg



SAR Measurement Plot 3



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:0

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 1 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5320 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5320.15$ MHz; $\sigma = 5.55$ S/m; $\epsilon_r = 48.9$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

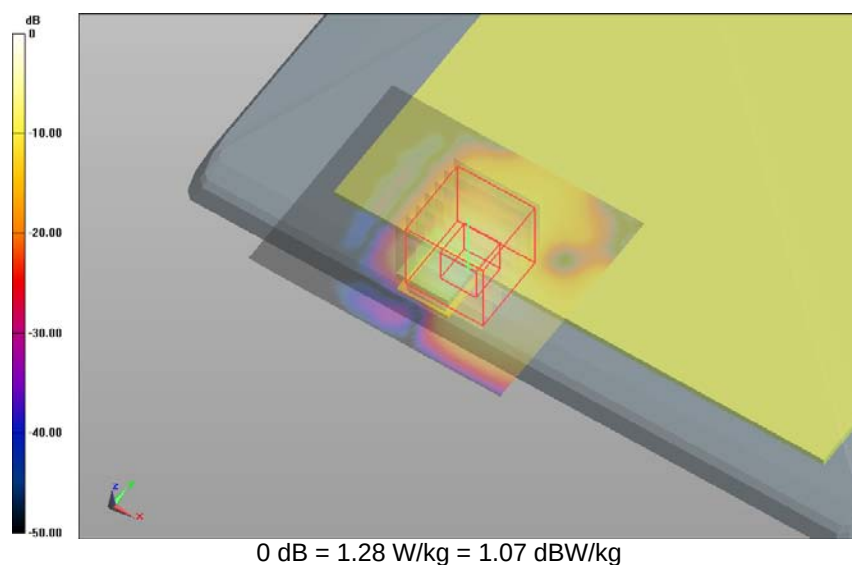
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 1 (OFDM) 18-09-14/Channel 64 Test/Area Scan (71x61x1): Interpolated grid:

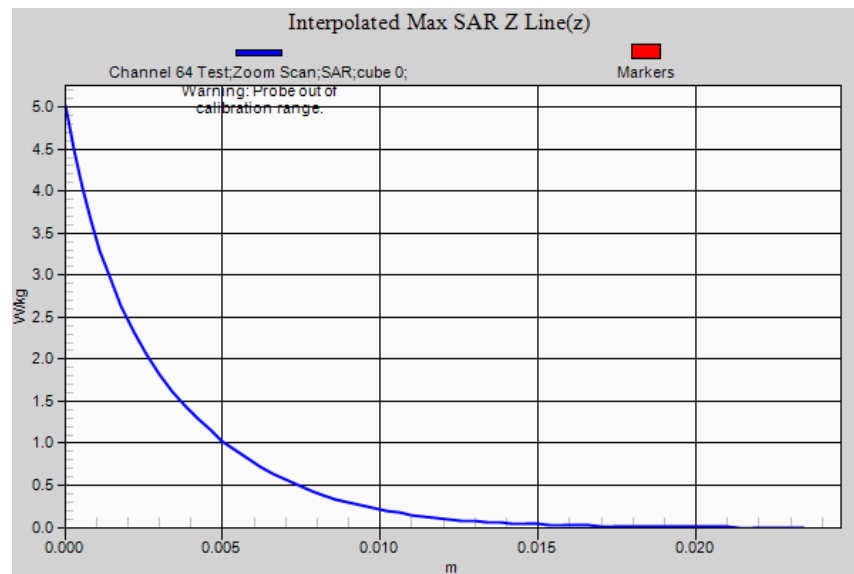
dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 1.280 W/kg

Body Worn Lap Held Antenna 1 (OFDM) 18-09-14/Channel 64 Test/Zoom Scan (31x31x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 17.444 V/m; **Power Drift = 0.06 dB****Averaged SAR: SAR(1g) = 1.160 W/kg; SAR(10g) = 0.314 W/kg**

Maximum value of SAR (interpolated) = 5.010 W/kg



SAR Measurement Plot 4



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:0

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 1 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5320 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5320.15$ MHz; $\sigma = 5.55$ S/m; $\epsilon_r = 48.9$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

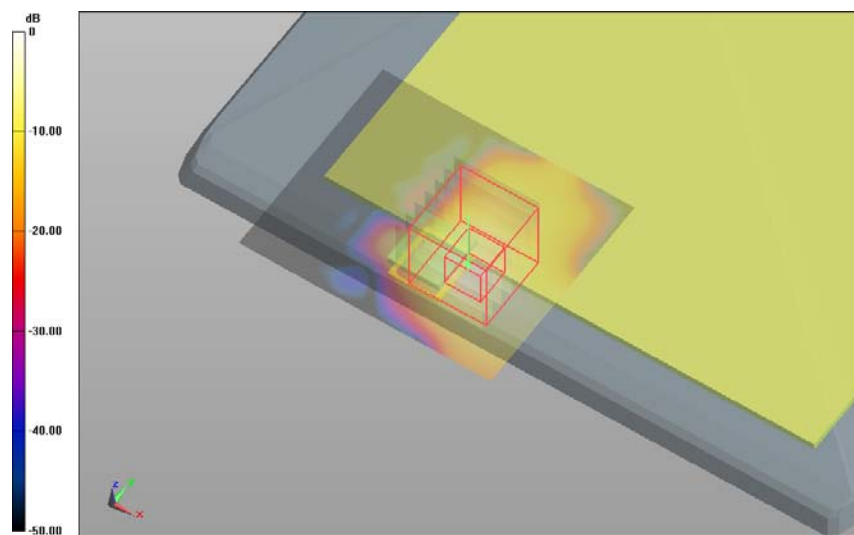
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 1 (OFDM) 18-09-14/Channel 64 Test 2/Area Scan (71x61x1): Interpolated grid:

dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 1.530 W/kg

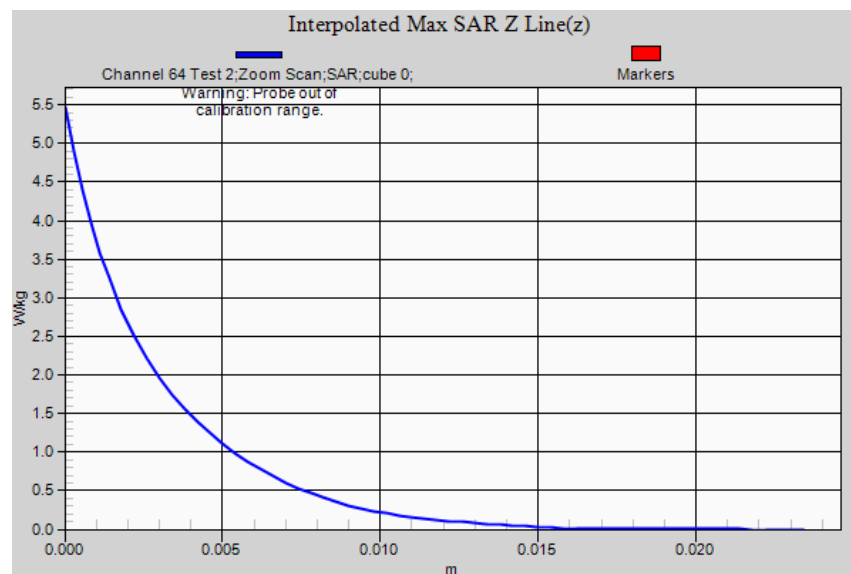
Body Worn Lap Held Antenna 1 (OFDM) 18-09-14/Channel 64 Test 2/Zoom Scan (31x31x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 10.029 V/m; **Power Drift = -0.02 dB****Averaged SAR: SAR(1g) = 1.250 W/kg; SAR(10g) = 0.340 W/kg**

Maximum value of SAR (interpolated) = 5.460 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

SAR Measurement Plot 5



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:1

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 0 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5180 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5179.9$ MHz; $\sigma = 5.31$ S/m; $\epsilon_r = 49.2$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

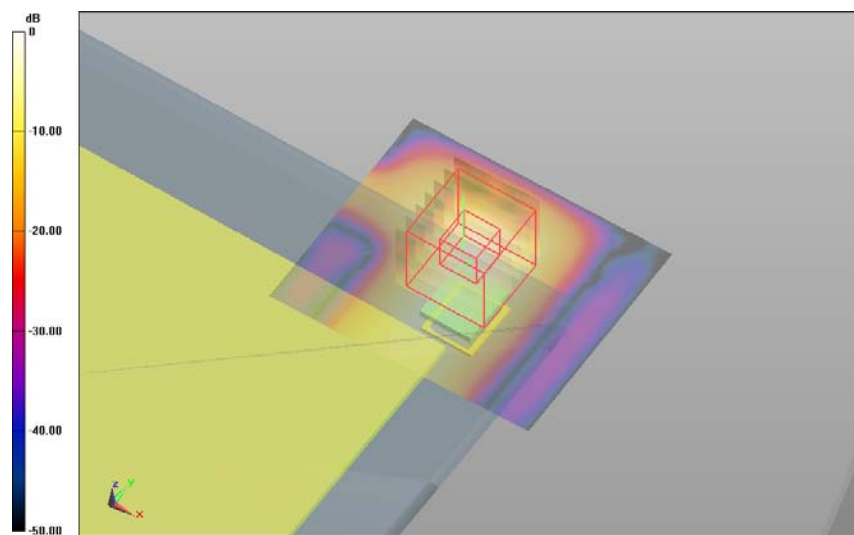
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 0 (OFDM) 18-09-14/Channel 36 Test/Area Scan (61x51x1): Interpolated grid:

dx=1.2 mm, dy=1.2 mm; Maximum value of SAR (interpolated) = 0.488 W/kg

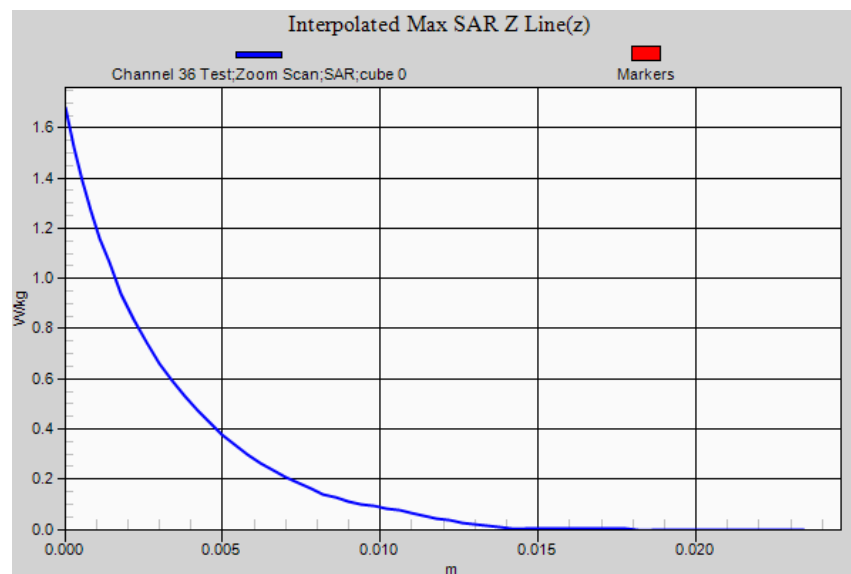
Body Worn Lap Held Antenna 0 (OFDM) 18-09-14/Channel 36 Test/Zoom Scan (31x31x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 13.533 V/m; **Power Drift = -0.19 dB****Averaged SAR: SAR(1g) = 0.443 W/kg; SAR(10g) = 0.135 W/kg**

Maximum value of SAR (interpolated) = 1.680 W/kg



0 dB = 0.488 W/kg = -3.12 dBW/kg

SAR Measurement Plot 6



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:1

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 0 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5240 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5239.3$ MHz; $\sigma = 5.40$ S/m; $\epsilon_r = 49.1$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

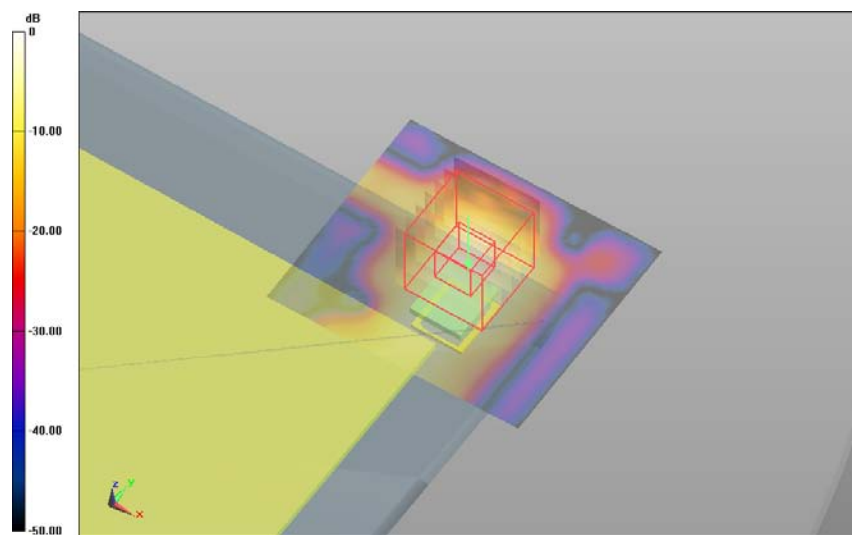
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 0 (OFDM) 18-09-14/Channel 48 Test/Area Scan (71x61x1): Interpolated grid:

dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.728 W/kg

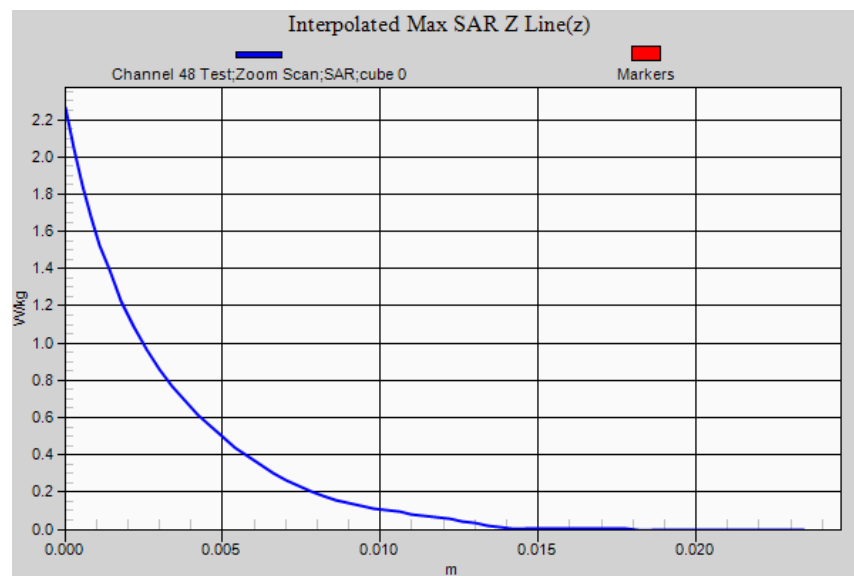
Body Worn Lap Held Antenna 0 (OFDM) 18-09-14/Channel 48 Test/Zoom Scan (31x31x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 16.268 V/m; **Power Drift = -0.22 dB****Averaged SAR: SAR(1g) = 0.576 W/kg; SAR(10g) = 0.167 W/kg**

Maximum value of SAR (interpolated) = 2.260 W/kg



0 dB = 0.728 W/kg = -1.38 dBW/kg

SAR Measurement Plot 7



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:1

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 0 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5260 MHz, Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5260.75$ MHz; $\sigma = 5.45$ S/m; $\epsilon_r = 49.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

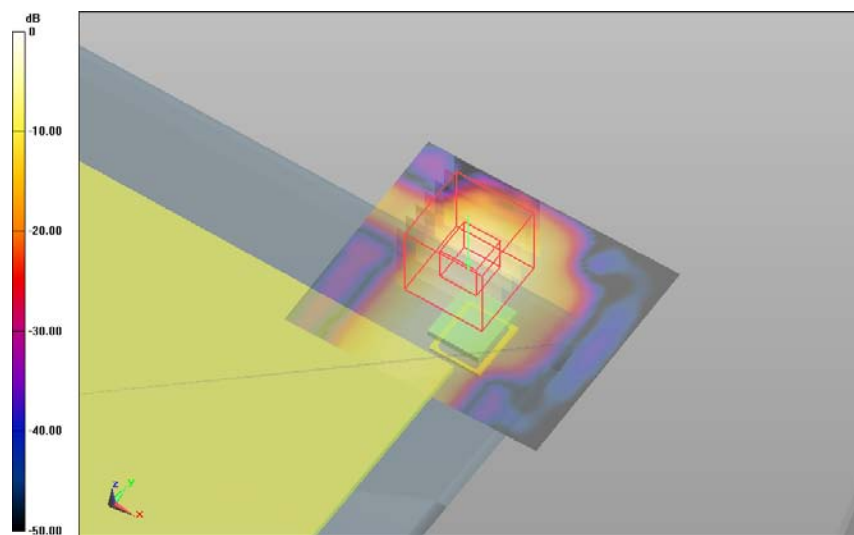
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 0 (OFDM) 18-09-14/Channel 52 Test/Area Scan (71x61x1): Interpolated grid:

dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.664 W/kg

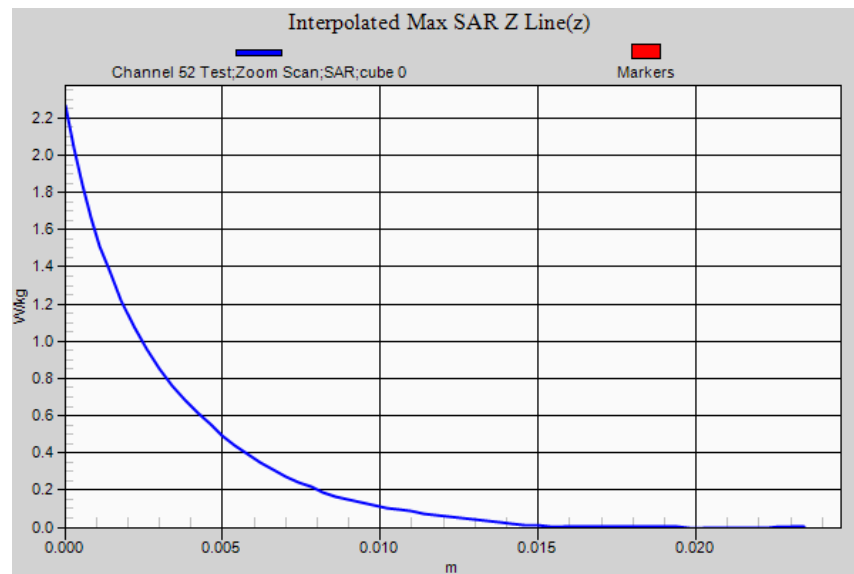
Body Worn Lap Held Antenna 0 (OFDM) 18-09-14/Channel 52 Test/Zoom Scan (31x31x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 14.597 V/m; **Power Drift = 0.04 dB****Averaged SAR: SAR(1g) = 0.559 W/kg; SAR(10g) = 0.162 W/kg**

Maximum value of SAR (interpolated) = 2.270 W/kg



0 dB = 0.664 W/kg = -1.78 dBW/kg

SAR Measurement Plot 8



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:1

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 0 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5320 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5320.15$ MHz; $\sigma = 5.55$ S/m; $\epsilon_r = 48.9$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

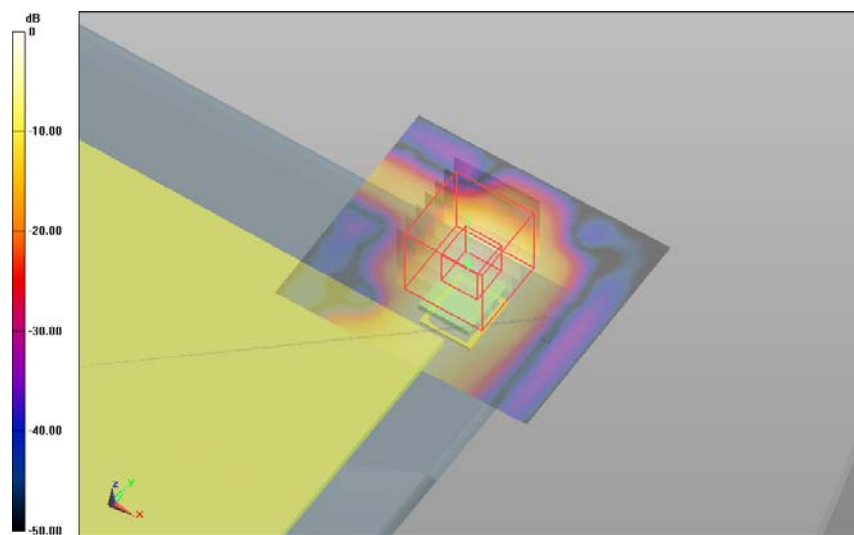
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 0 (OFDM) 18-09-14/Channel 64 Test/Area Scan (71x61x1): Interpolated grid:

dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 1.090 W/kg

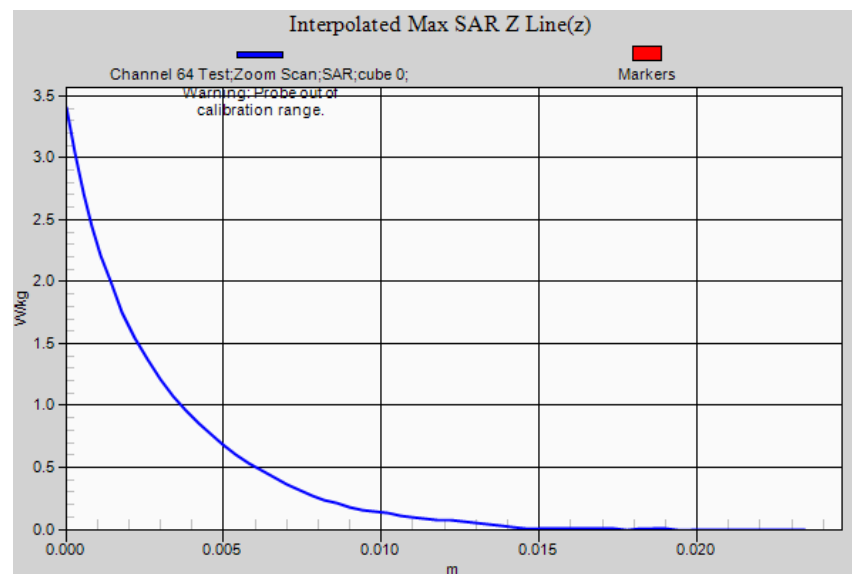
Body Worn Lap Held Antenna 0 (OFDM) 18-09-14/Channel 64 Test/Zoom Scan (31x31x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 20.717 V/m; **Power Drift = 0.12 dB****Averaged SAR: SAR(1g) = 0.819 W/kg; SAR(10g) = 0.236 W/kg**

Maximum value of SAR (interpolated) = 3.400 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

SAR Measurement Plot 9



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:1

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 0 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5320 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5320.15$ MHz; $\sigma = 5.55$ S/m; $\epsilon_r = 48.9$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

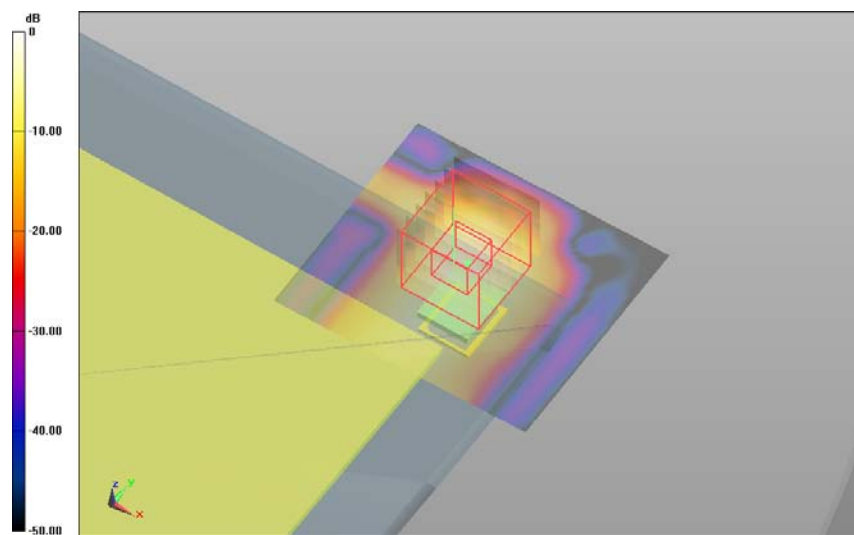
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 0 (OFDM) 18-09-14/Channel 64 Test 2/Area Scan (71x61x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.896 W/kg**Body Worn Lap Held Antenna 0 (OFDM) 18-09-14/Channel 64 Test 2/Zoom Scan (31x31x61)/Cube 0:**Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 19.117 V/m; **Power Drift = -0.19 dB****Averaged SAR: SAR(1g) = 0.804 W/kg; SAR(10g) = 0.234 W/kg**

Maximum value of SAR (interpolated) = 3.240 W/kg



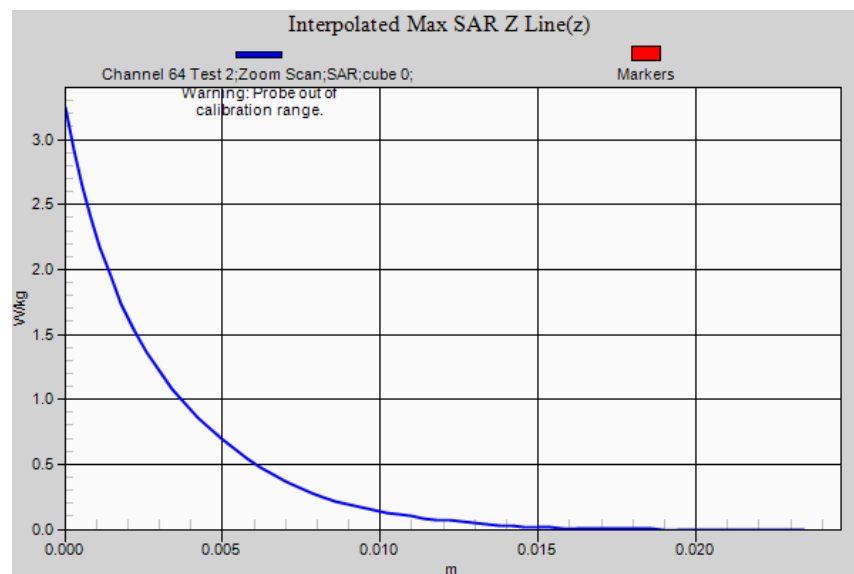
0 dB = 0.896 W/kg = -0.48 dBW/kg

SAR Measurement Plot 10



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:2

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Secondary Landscape Antenna 0 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5260 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5260.75$ MHz; $\sigma = 5.45$ S/m; $\epsilon_r = 49.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

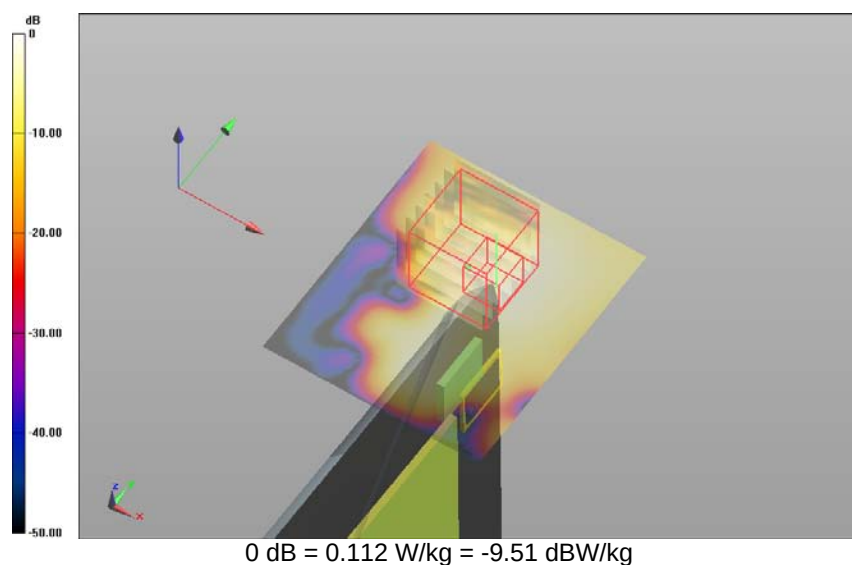
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Secondary Landscape Antenna 0 (OFDM) 18-09-14/Channel 52 Test/Area Scan (61x71x1):

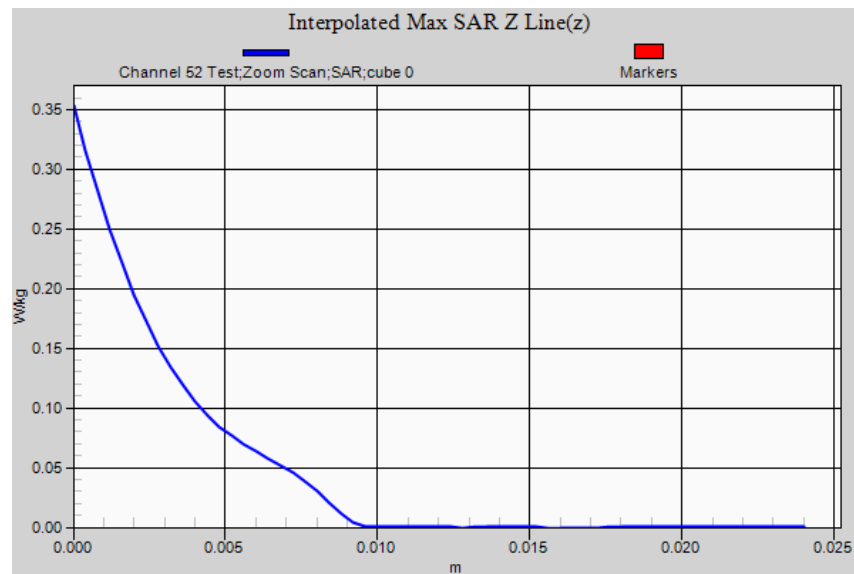
Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.112 W/kg

Body Worn Secondary Landscape Antenna 0 (OFDM) 18-09-14/Channel 52 Test/Zoom Scan**(31x31x61)/Cube 0:** Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 5.831 V/m; **Power Drift = -0.16 dB****Averaged SAR: SAR(1g) = 0.099 W/kg; SAR(10g) = 0.031 W/kg**

Maximum value of SAR (interpolated) = 0.353 W/kg



SAR Measurement Plot 11



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Secondary Portrait Antenna 0 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5260 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5260.75$ MHz; $\sigma = 5.45$ S/m; $\epsilon_r = 49.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

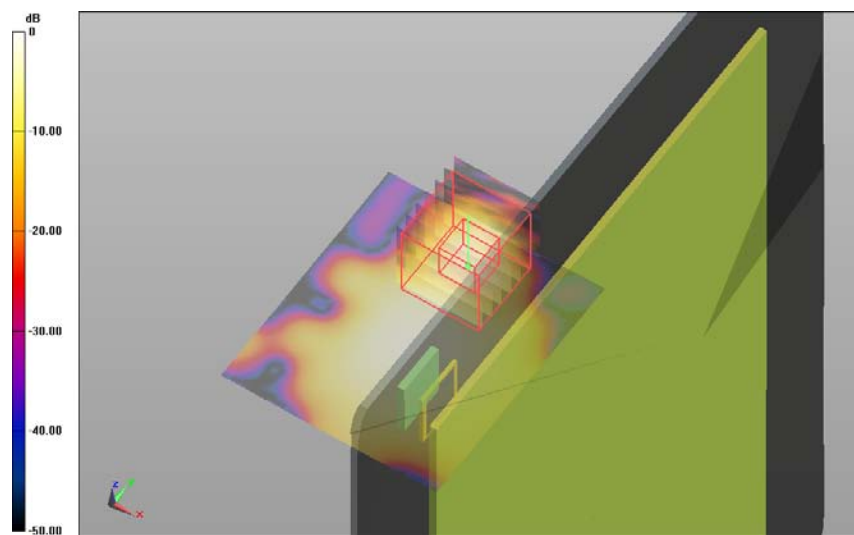
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

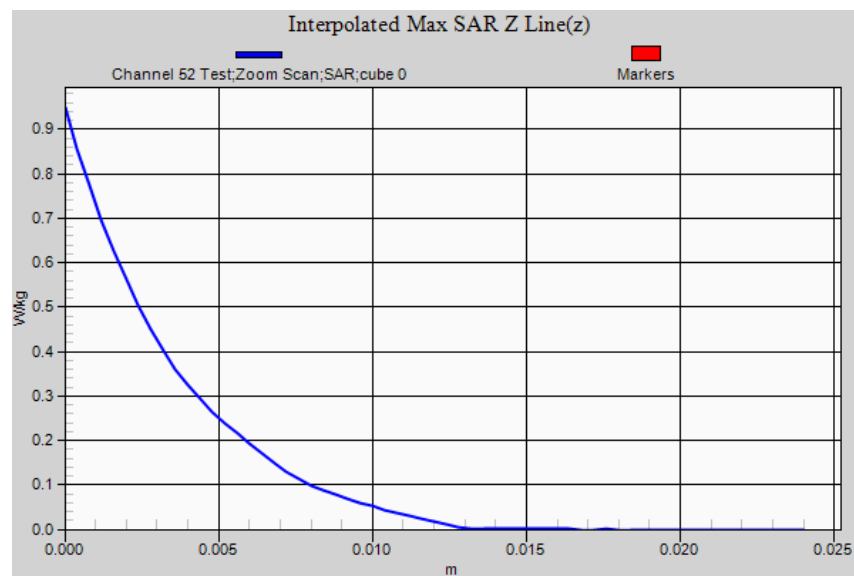
Body Worn Secondary Portrait Antenna 0 (OFDM) 18-09-14/Channel 52 Test/Area Scan (61x71x1): Interpolated grid: $dx=1.0$ mm, $dy=1.0$ mm; Maximum value of SAR (interpolated) = 0.346 W/kg**Body Worn Secondary Portrait Antenna 0 (OFDM) 18-09-14/Channel 52 Test/Zoom Scan (31x31x61)/Cube 0:** Interpolated grid: $dx=0.8$ mm, $dy=0.8$ mm, $dz=0.4$ mm; Reference Value = 10.773 V/m; **Power Drift = -0.05 dB****Averaged SAR: SAR(1g) = 0.253 W/kg; SAR(10g) = 0.062 W/kg**

Maximum value of SAR (interpolated) = 0.948 W/kg



0 dB = 0.346 W/kg = -4.61 dBW/kg

SAR Measurement Plot 12



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Primary Portrait Antenna 1 (OFDM) 18-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.2 GHz Band; Frequency: 5260 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5260.75$ MHz; $\sigma = 5.45$ S/m; $\epsilon_r = 49.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

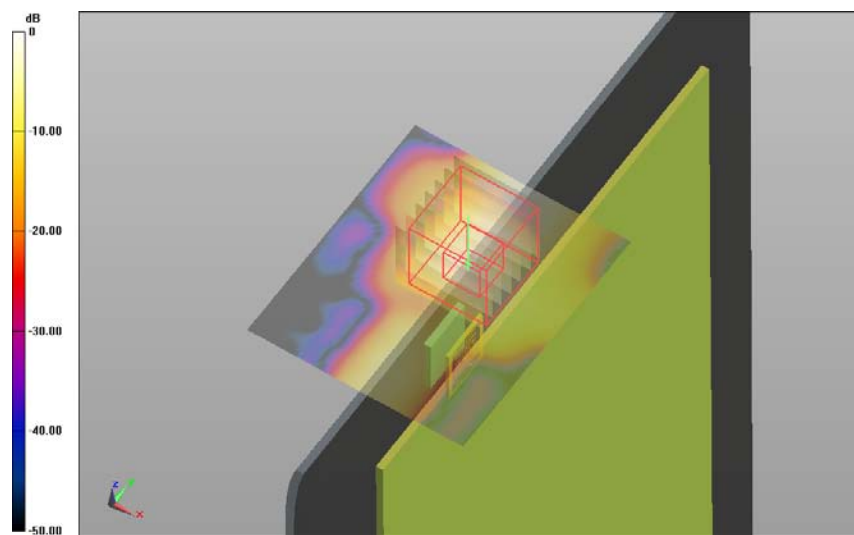
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

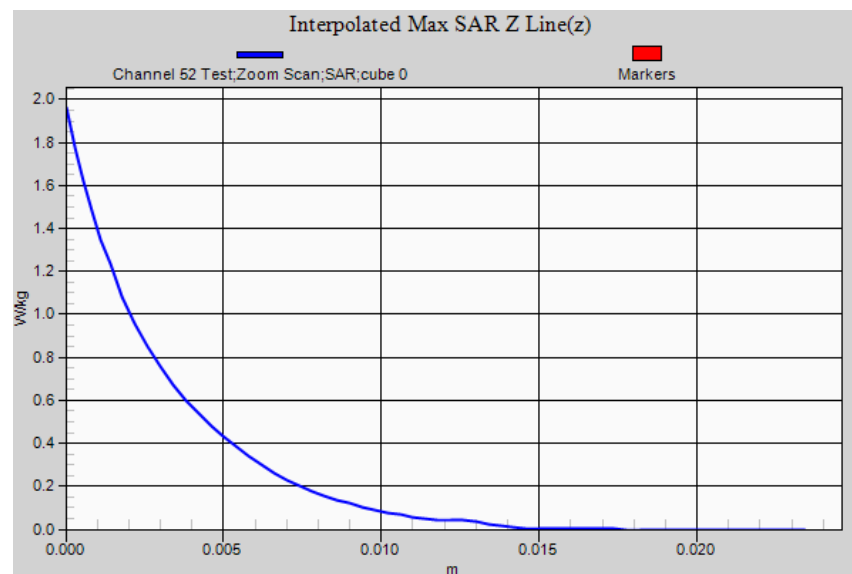
Body Worn Primary Portrait Antenna 1 (OFDM) 18-09-14/Channel 52 Test/Area Scan (61x71x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.637 W/kg**Body Worn Primary Portrait Antenna 1 (OFDM) 18-09-14/Channel 52 Test/Zoom Scan (31x31x61)/Cube 0:**Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 9.372 V/m; **Power Drift = -0.09 dB****Averaged SAR: SAR(1g) = 0.507 W/kg; SAR(10g) = 0.156 W/kg**

Maximum value of SAR (interpolated) = 1.960 W/kg



0 dB = 0.637 W/kg = -1.96 dBW/kg

SAR Measurement Plot 13



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Test Lab: EMCTech

Test File: M140913 Tablet 5200 MHz WLAN 11a.da52:6

DUT Name: Dipole 5200_5800 MHz, Type: D5GHzV2, Serial: 1008**Configuration: System Performance Check with D5GHzV2 Dipole (uniform grid) 18-09-14**

Communication System: 0 - CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5200 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5199.7$ MHz; $\sigma = 5.34$ S/m; $\epsilon_r = 49.2$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;

Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

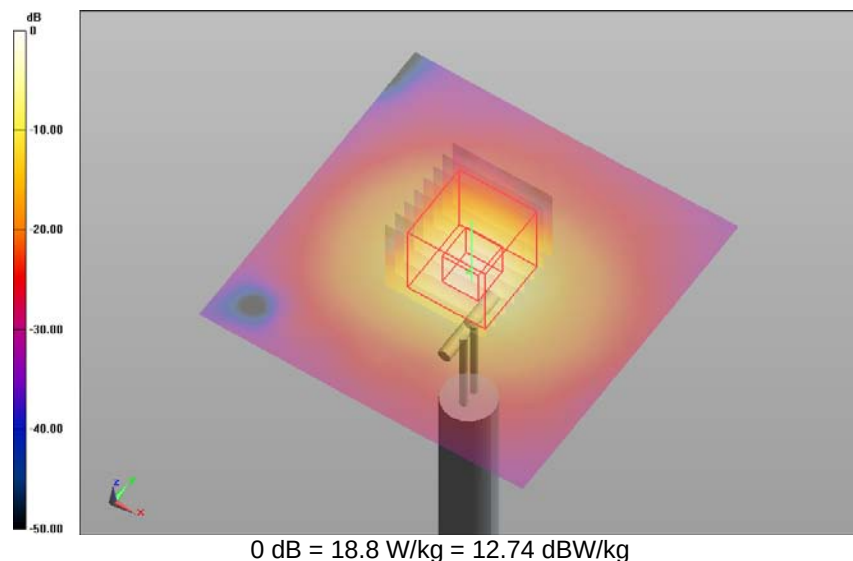
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

System Performance Check with D5GHzV2 Dipole (uniform grid) 18-09-14/d=10mm, Pin=100mW, f=5200 MHz/Area Scan (91x91x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 18.800 W/kg**System Performance Check with D5GHzV2 Dipole (uniform grid) 18-09-14/d=10mm, Pin=100mW, f=5200 MHz/Zoom Scan (4x4x2mm, uniform), dist=1.4mm (36x36x66)/Cube 0:** Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 69.182 V/m; **Power Drift = -0.07 dB****Averaged SAR: SAR(1g) = 7.590 W/kg; SAR(10g) = 2.130 W/kg**

Maximum value of SAR (interpolated) = 29.800 W/kg

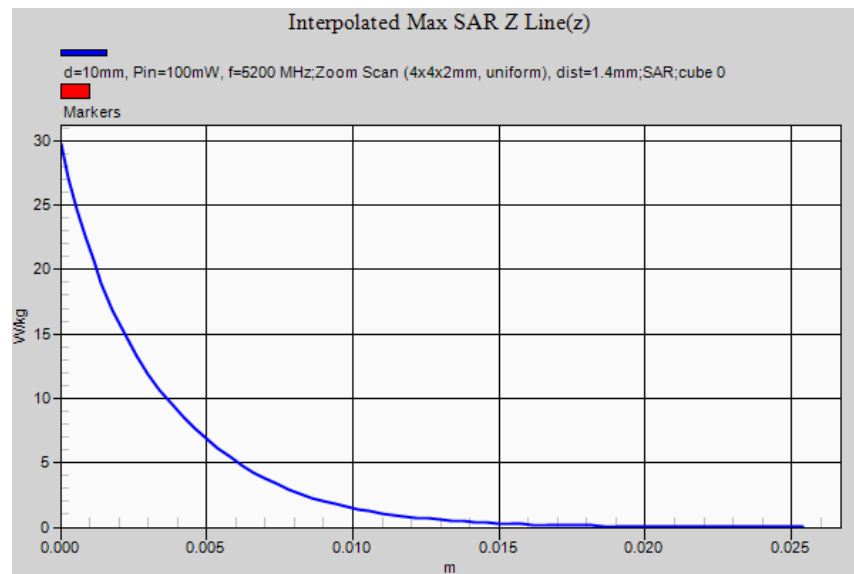


SAR Measurement Plot 14



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Test Lab: EMCTech

Test File: M140913 Tablet 5600 MHz WLAN 11a.da52:0

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 1 (OFDM) 22-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.5 GHz Band; Frequency: 5520 MHz, Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00
 Medium Parameters used: $f=5519.8$ MHz; $\sigma = 5.83$ S/m; $\epsilon_r = 48.3$; $\rho = 1000.0$ g/cm³
 Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;
 Sensor-Surface: 4 mm (Mechanical Surface Detection)
 Electronics: DAE3 Sn442; Calibrated: 10/12/2013
 Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101
 DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

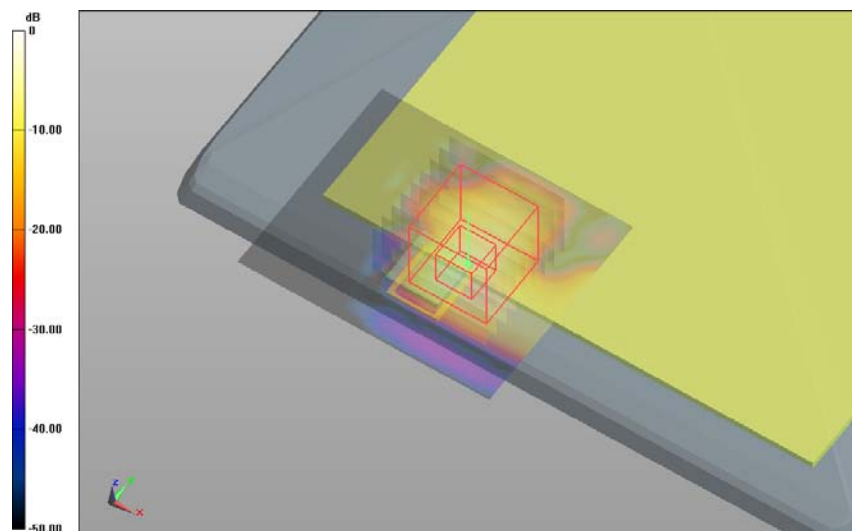
Body Worn Lap Held Antenna 1 (OFDM) 22-09-14/Channel 104 Test/Area Scan (71x61x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.985 W/kg

Body Worn Lap Held Antenna 1 (OFDM) 22-09-14/Channel 104 Test/Zoom Scan (41x41x61)/Cube 0:

Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 11.272 V/m; **Power Drift = -0.10 dB**

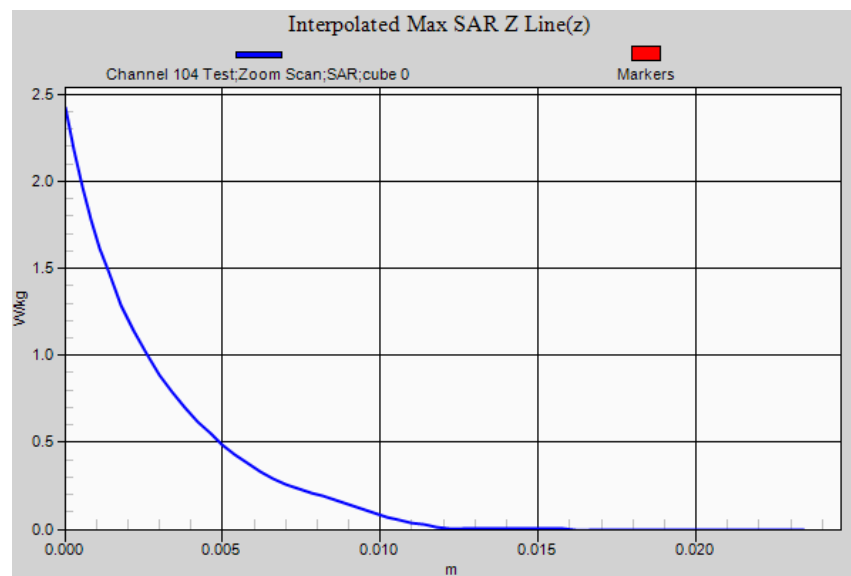
Averaged SAR: SAR(1g) = 0.559 W/kg; SAR(10g) = 0.147 W/kg

Maximum value of SAR (interpolated) = 2.420 W/kg



0 dB = 0.985 W/kg = -0.07 dBW/kg

SAR Measurement Plot 15



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Test Lab: EMCTech

Test File: M140913 Tablet 5600 MHz WLAN 11a.da52:0

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 1 (OFDM) 22-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.5 GHz Band; Frequency: 5580 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5579.2$ MHz; $\sigma = 5.92$ S/m; $\epsilon_r = 48.1$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

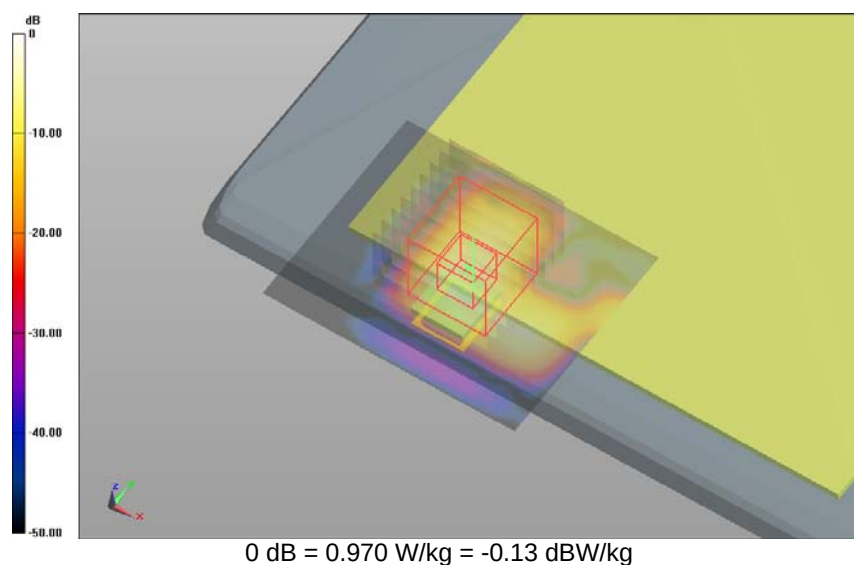
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

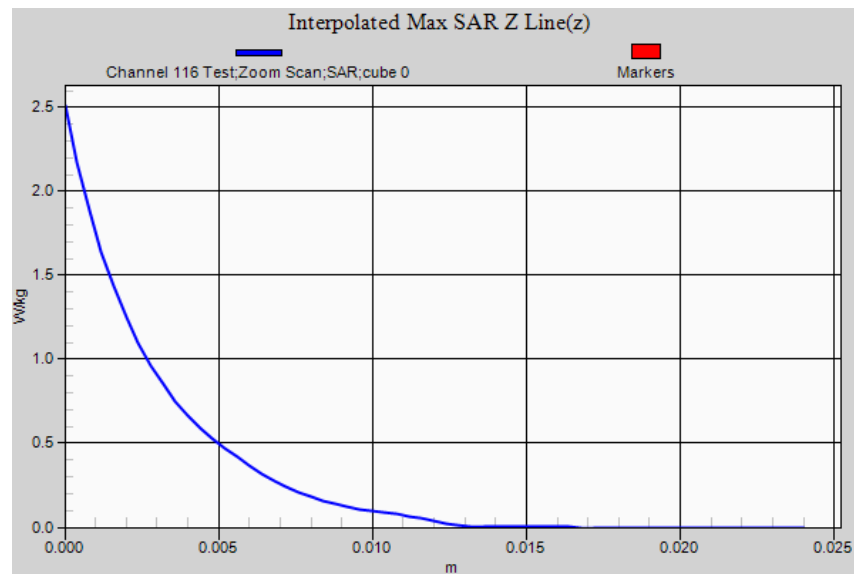
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 1 (OFDM) 22-09-14/Channel 116 Test/Area Scan (71x61x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.970 W/kg**Body Worn Lap Held Antenna 1 (OFDM) 22-09-14/Channel 116 Test/Zoom Scan (41x41x61)/Cube 0:**Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 18.118 V/m; **Power Drift = -0.16 dB****Averaged SAR: SAR(1g) = 0.562 W/kg; SAR(10g) = 0.148 W/kg**

Maximum value of SAR (interpolated) = 2.510 W/kg



SAR Measurement Plot 16



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Test Lab: EMCTech

Test File: M140913 Tablet 5600 MHz WLAN 11a.da52:0

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 1 (OFDM) 22-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.5 GHz Band; Frequency: 5680 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5679.85$ MHz; $\sigma = 6.10$ S/m; $\epsilon_r = 47.8$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

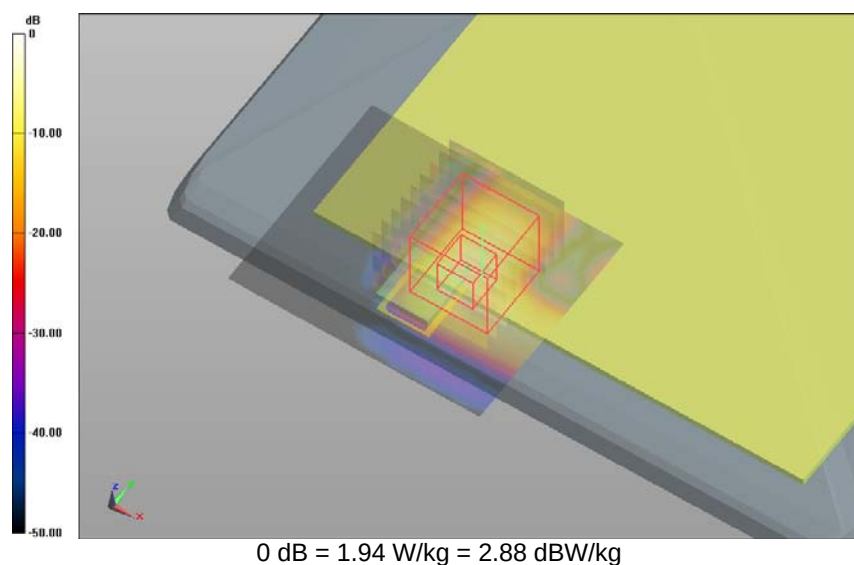
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

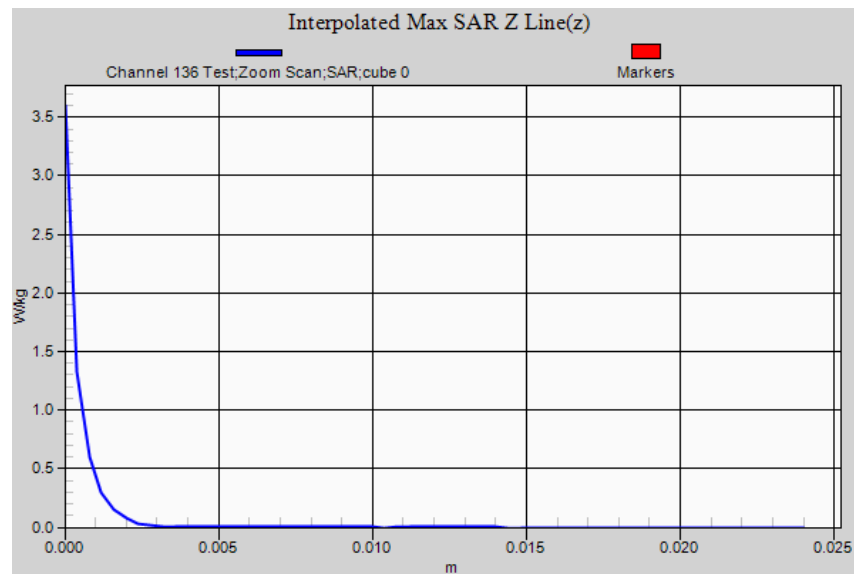
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 1 (OFDM) 22-09-14/Channel 136 Test/Area Scan (71x61x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 1.940 W/kg**Body Worn Lap Held Antenna 1 (OFDM) 22-09-14/Channel 136 Test/Zoom Scan (41x41x61)/Cube 0:**Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 11.339 V/m; **Power Drift = -0.15 dB****Averaged SAR: SAR(1g) = 0.813 W/kg; SAR(10g) = 0.216 W/kg**

Maximum value of SAR (interpolated) = 3.600 W/kg



SAR Measurement Plot 17



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Test Lab: EMCTech

Test File: M140913 Tablet 5600 MHz WLAN 11a.da52:1

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 0 (OFDM) 22-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.5 GHz Band; Frequency: 5520 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5519.8$ MHz; $\sigma = 5.83$ S/m; $\epsilon_r = 48.3$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

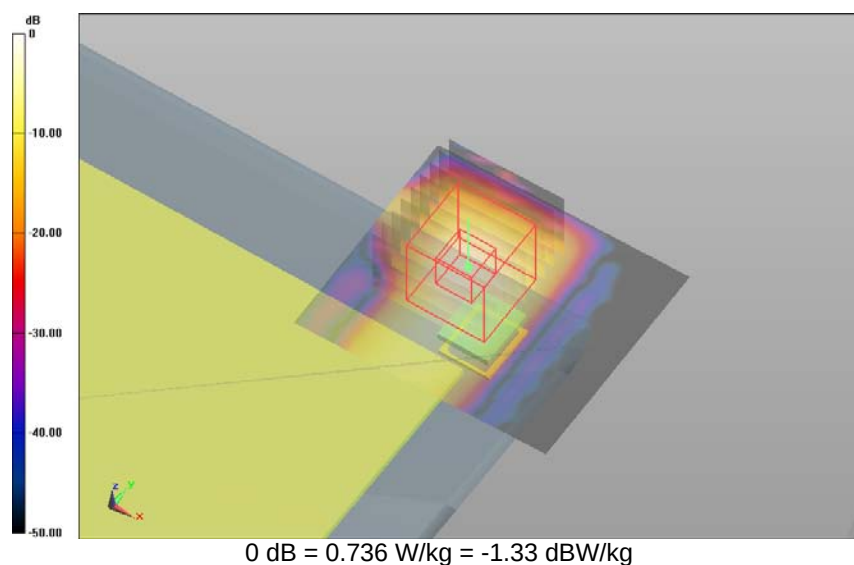
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

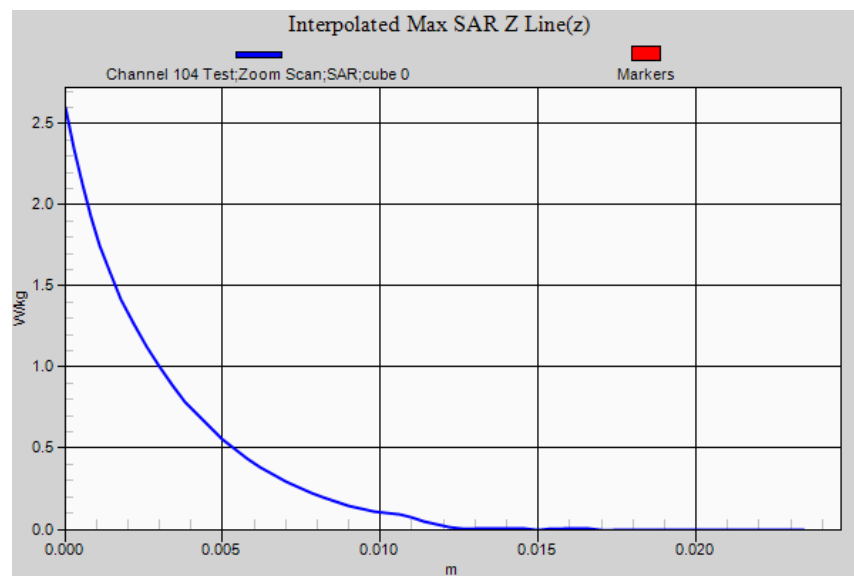
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 0 (OFDM) 22-09-14/Channel 104 Test/Area Scan (71x61x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.736 W/kg**Body Worn Lap Held Antenna 0 (OFDM) 22-09-14/Channel 104 Test/Zoom Scan (41x41x61)/Cube 0:**Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 15.125 V/m; **Power Drift = -0.05 dB****Averaged SAR: SAR(1g) = 0.648 W/kg; SAR(10g) = 0.183 W/kg**

Maximum value of SAR (interpolated) = 2.600 W/kg



SAR Measurement Plot 18



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Test Lab: EMCTech

Test File: M140913 Tablet 5600 MHz WLAN 11a.da52:1

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 0 (OFDM) 22-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.5 GHz Band; Frequency: 5580 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5579.2$ MHz; $\sigma = 5.92$ S/m; $\epsilon_r = 48.1$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

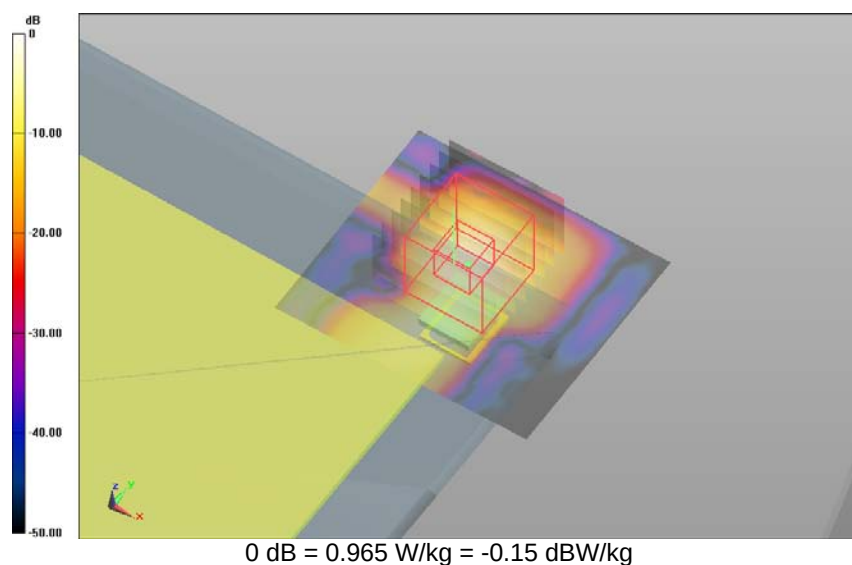
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

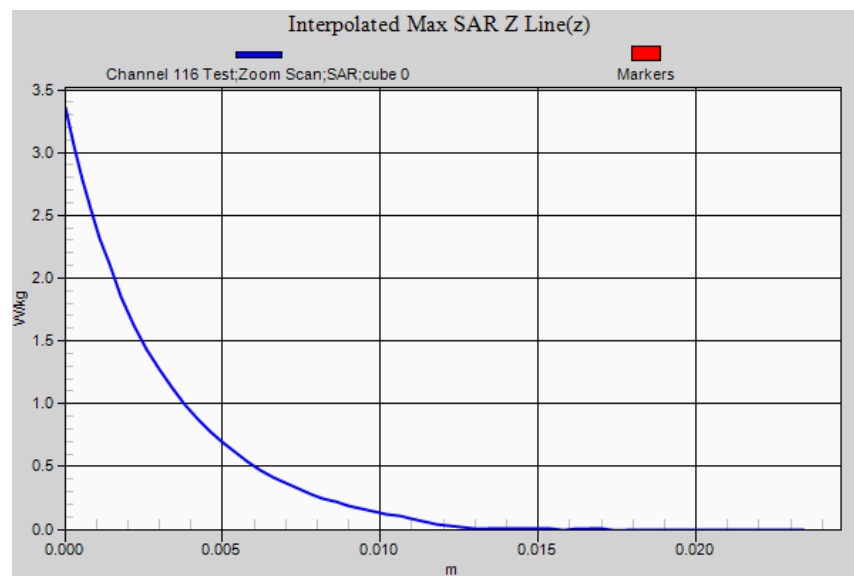
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 0 (OFDM) 22-09-14/Channel 116 Test/Area Scan (71x61x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.965 W/kg**Body Worn Lap Held Antenna 0 (OFDM) 22-09-14/Channel 116 Test/Zoom Scan (41x41x61)/Cube 0:**Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 18.427 V/m; **Power Drift = -0.10 dB****Averaged SAR: SAR(1g) = 0.824 W/kg; SAR(10g) = 0.231 W/kg**

Maximum value of SAR (interpolated) = 3.350 W/kg



SAR Measurement Plot 19



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Test Lab: EMCTech

Test File: M140913 Tablet 5600 MHz WLAN 11a.da52:1

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 0 (OFDM) 22-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.5 GHz Band; Frequency: 5580 MHz, Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5579.2$ MHz; $\sigma = 5.92$ S/m; $\epsilon_r = 48.1$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

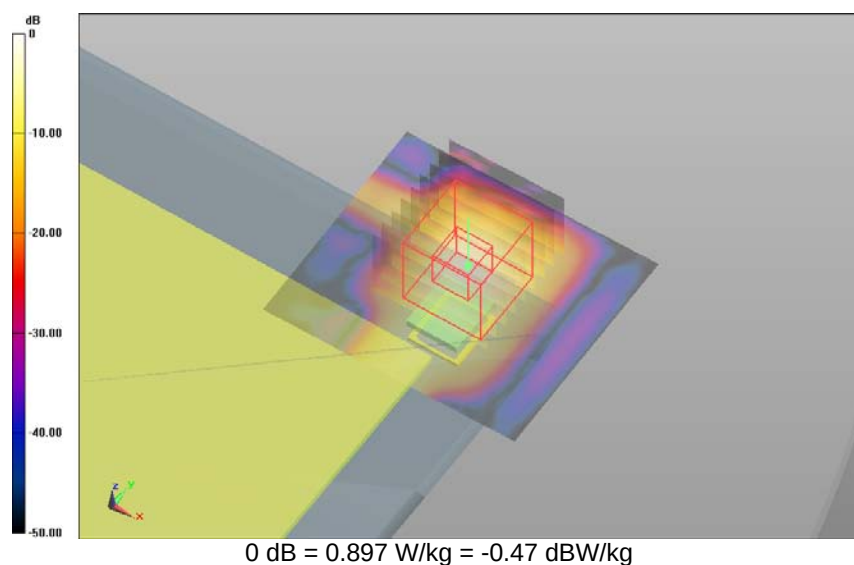
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

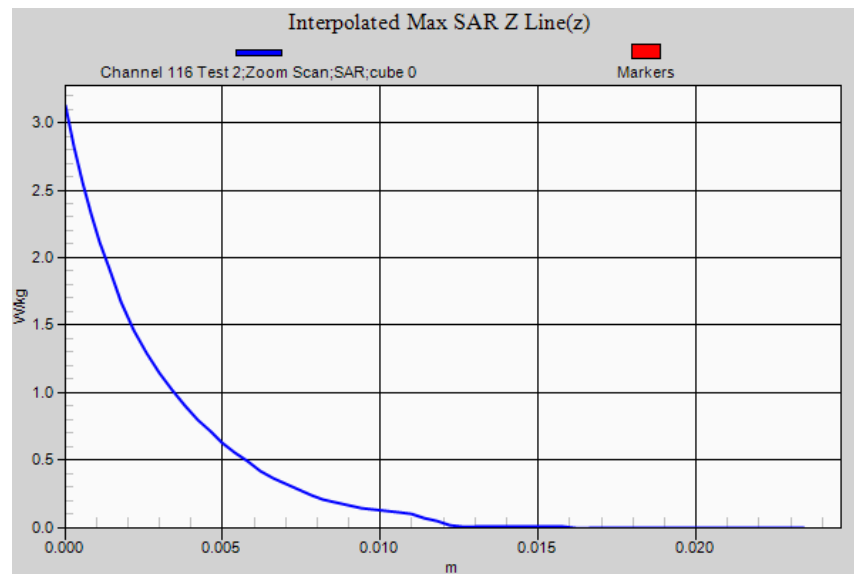
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 0 (OFDM) 22-09-14/Channel 116 Test 2/Area Scan (71x61x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.897 W/kg**Body Worn Lap Held Antenna 0 (OFDM) 22-09-14/Channel 116 Test 2/Zoom Scan (41x41x61)/Cube 0:**Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 16.959 V/m; **Power Drift = -0.10 dB****Averaged SAR: SAR(1g) = 0.722 W/kg; SAR(10g) = 0.202 W/kg**

Maximum value of SAR (interpolated) = 3.120 W/kg



SAR Measurement Plot 20



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Test Lab: EMCTech

Test File: M140913 Tablet 5600 MHz WLAN 11a.da52:1

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 0 (OFDM) 22-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.5 GHz Band; Frequency: 5680 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5679.85$ MHz; $\sigma = 6.10$ S/m; $\epsilon_r = 47.8$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

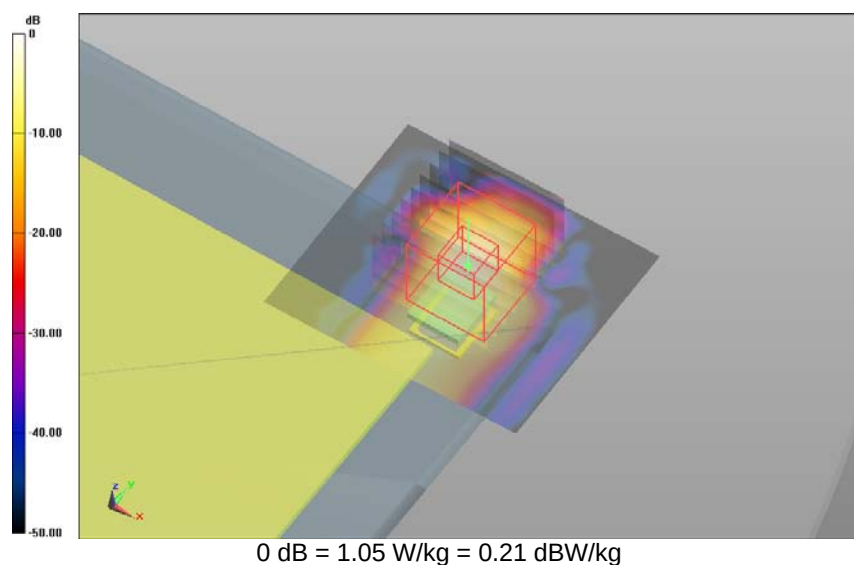
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

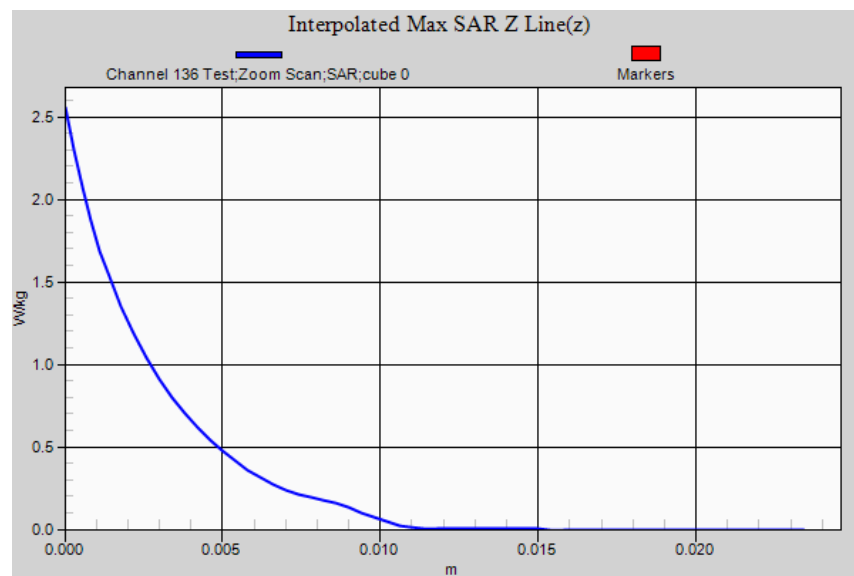
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 0 (OFDM) 22-09-14/Channel 136 Test/Area Scan (71x61x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 1.050 W/kg**Body Worn Lap Held Antenna 0 (OFDM) 22-09-14/Channel 136 Test/Zoom Scan (41x41x61)/Cube 0:**Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 15.447 V/m; **Power Drift = -0.08 dB****Averaged SAR: SAR(1g) = 0.589 W/kg; SAR(10g) = 0.161 W/kg**

Maximum value of SAR (interpolated) = 2.550 W/kg



SAR Measurement Plot 21



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Test Lab: EMCTech

Test File: M140913 Tablet 5600 MHz WLAN 11a.da52:2

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Secondary Landscape Antenna 0 (OFDM) 22-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.5 GHz Band; Frequency: 5580 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5579.2$ MHz; $\sigma = 5.92$ S/m; $\epsilon_r = 48.1$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

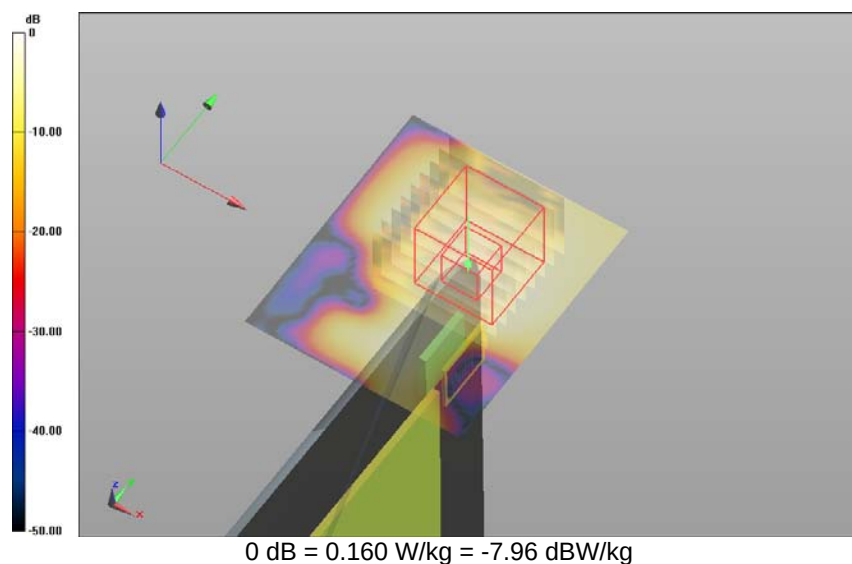
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Secondary Landscape Antenna 0 (OFDM) 22-09-14/Channel 116 Test/Area Scan (61x71x1):

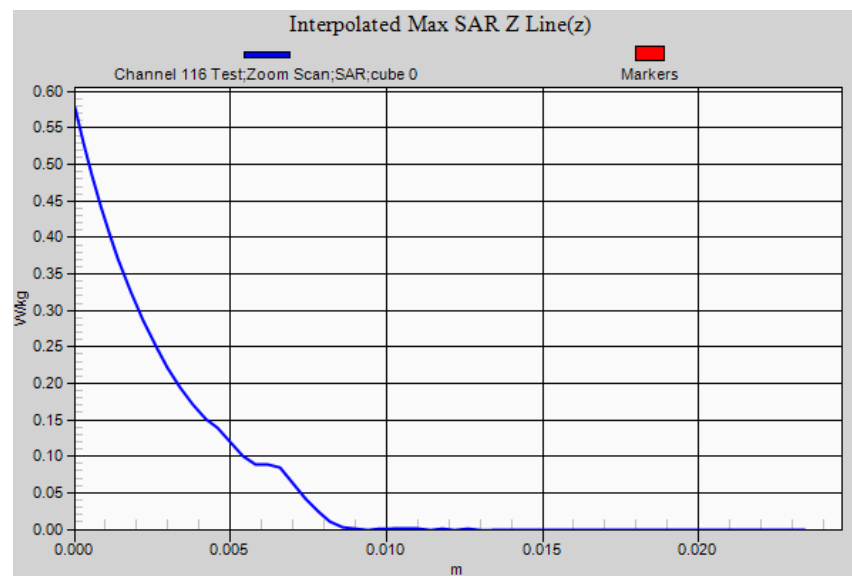
Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.160 W/kg

Body Worn Secondary Landscape Antenna 0 (OFDM) 22-09-14/Channel 116 Test/Zoom Scan**(41x41x61)/Cube 0:** Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 8.016 V/m; **Power Drift = -0.20 dB****Averaged SAR: SAR(1g) = 0.155 W/kg; SAR(10g) = 0.054 W/kg**

Maximum value of SAR (interpolated) = 0.578 W/kg



SAR Measurement Plot 22



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Test Lab: EMCTech

Test File: M140913 Tablet 5600 MHz WLAN 11a.da52:3

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Primary Landscape Antenna 1 (OFDM) 22-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.5 GHz Band; Frequency: 5580 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5579.2$ MHz; $\sigma = 5.92$ S/m; $\epsilon_r = 48.1$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

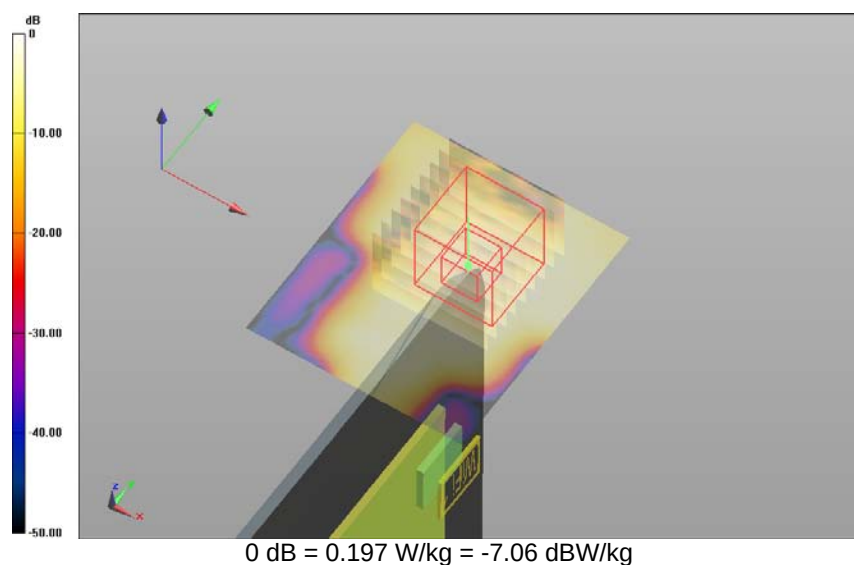
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Primary Landscape Antenna 1 (OFDM) 22-09-14/Channel 116 Test/Area Scan (61x71x1):

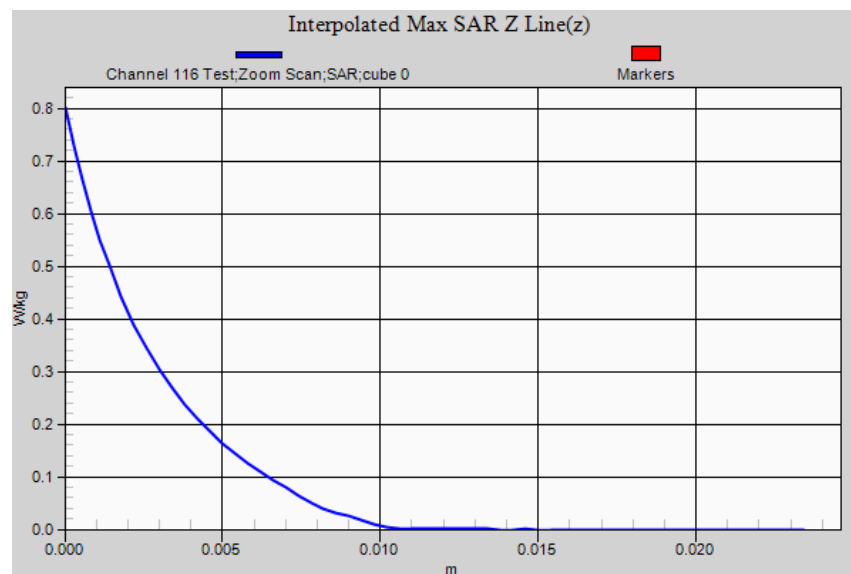
Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.197 W/kg

Body Worn Primary Landscape Antenna 1 (OFDM) 22-09-14/Channel 116 Test/Zoom Scan (41x41x61)/Cube**0:** Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 8.940 V/m; **Power Drift = -0.20 dB****Averaged SAR: SAR(1g) = 0.210 W/kg; SAR(10g) = 0.078 W/kg**

Maximum value of SAR (interpolated) = 0.801 W/kg



SAR Measurement Plot 23



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Test Lab: EMCTech

Test File: M140913 Tablet 5600 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Secondary Portrait Antenna 0 (OFDM) 22-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.5 GHz Band; Frequency: 5580 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5579.2$ MHz; $\sigma = 5.92$ S/m; $\epsilon_r = 48.1$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

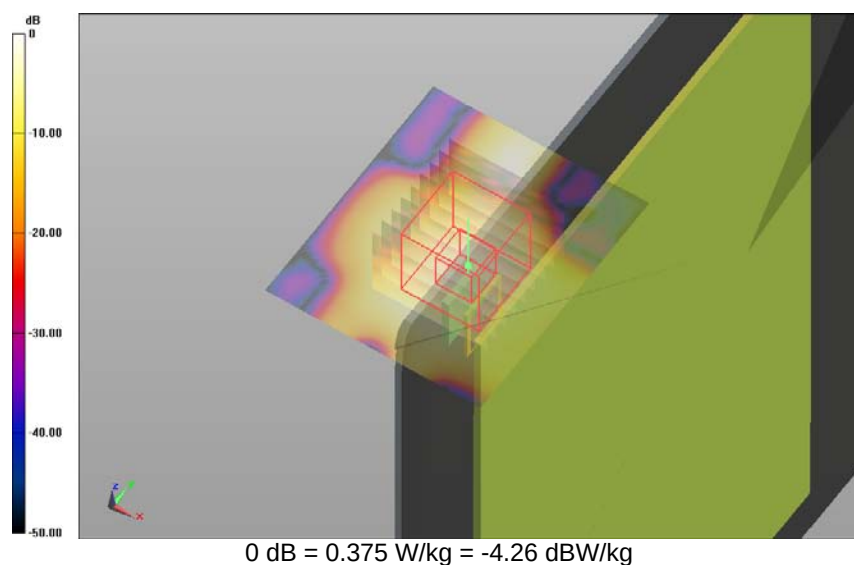
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Secondary Portrait Antenna 0 (OFDM) 22-09-14/Channel 116 Test/Area Scan (61x71x1):

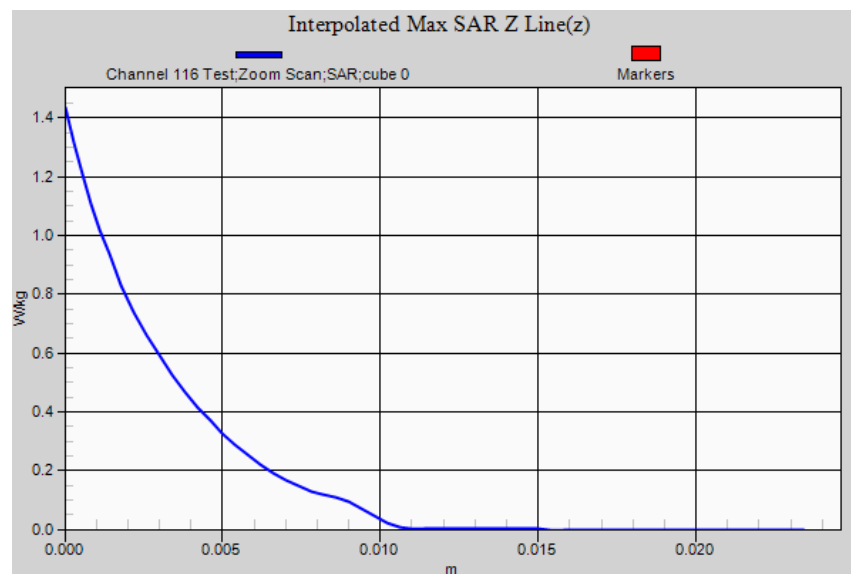
Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.375 W/kg

Body Worn Secondary Portrait Antenna 0 (OFDM) 22-09-14/Channel 116 Test/Zoom Scan (41x41x61)/Cube**0:** Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 11.880 V/m; **Power Drift = 0.01 dB****Averaged SAR: SAR(1g) = 0.389 W/kg; SAR(10g) = 0.125 W/kg**

Maximum value of SAR (interpolated) = 1.430 W/kg



SAR Measurement Plot 24



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Test Lab: EMCTech

Test File: M140913 Tablet 5600 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Primary Portrait Antenna 1 (OFDM) 22-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.5 GHz Band; Frequency: 5580 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5579.2$ MHz; $\sigma = 5.92$ S/m; $\epsilon_r = 48.1$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

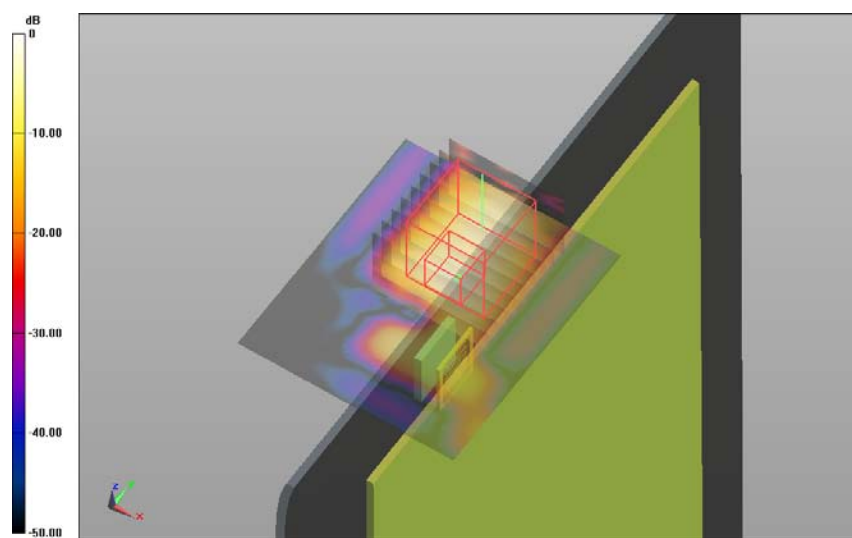
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Primary Portrait Antenna 1 (OFDM) 22-09-14/Channel 116 Test/Area Scan (61x71x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.646 W/kg**Body Worn Primary Portrait Antenna 1 (OFDM) 22-09-14/Channel 116 Test/Zoom Scan (41x41x61)/Cube 0:**Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 7.812 V/m; **Power Drift = -0.17 dB****Averaged SAR: SAR(1g) = 0.338 W/kg; SAR(10g) = 0.109 W/kg**

Maximum value of SAR (interpolated) = 1.410 W/kg



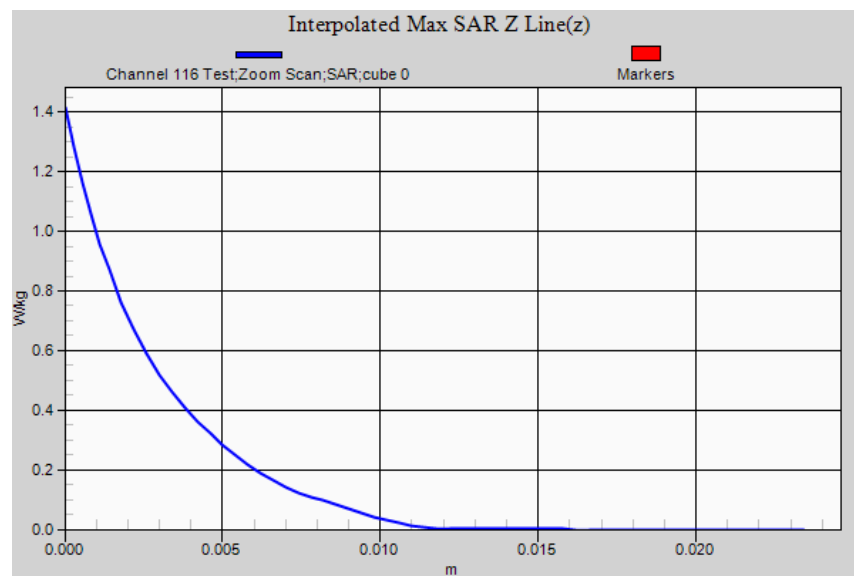
0 dB = 0.646 W/kg = -1.90 dBW/kg

SAR Measurement Plot 25



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Test Lab: EMCTech

Test File: M140913 Tablet 5600 MHz WLAN 11a.da52:6

DUT Name: Dipole 5200_5800 MHz, Type: D5GHzV2, Serial: 1008**Configuration: System Performance Check with D5GHzV2 Dipole (uniform grid) 22-09-14**

Communication System: 0 - CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5500 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00
 Medium Parameters used: $f=5500$ MHz; $\sigma = 5.79$ S/m; $\epsilon_r = 48.3$; $\rho = 1000.0$ g/cm³
 Phantom section: Flat Section

DASY Configuration:

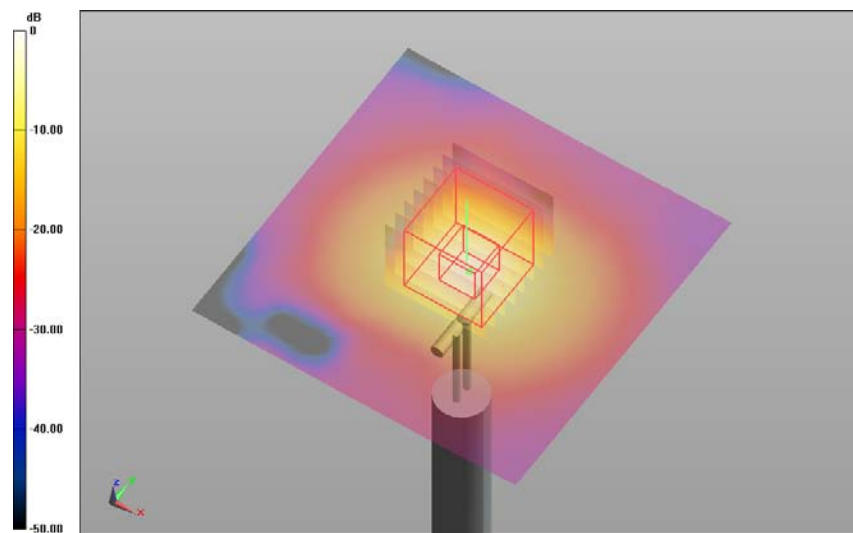
Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;
 Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
 Electronics: DAE3 Sn442; Calibrated: 10/12/2013
 Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101
 DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

System Performance Check with D5GHzV2 Dipole (uniform grid) 22-09-14/d=10mm, Pin=100mW, f=5500 MHz/Area Scan (91x91x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 20.500 W/kg

System Performance Check with D5GHzV2 Dipole (uniform grid) 22-09-14/d=10mm, Pin=100mW, f=5500 MHz/Zoom Scan (4x4x2mm, uniform), dist=1.4mm (36x36x66)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 72.331 V/m; **Power Drift = -0.06 dB**

Averaged SAR: SAR(1g) = 8.270 W/kg; SAR(10g) = 2.310 W/kg

Maximum value of SAR (interpolated) = 31.900 W/kg



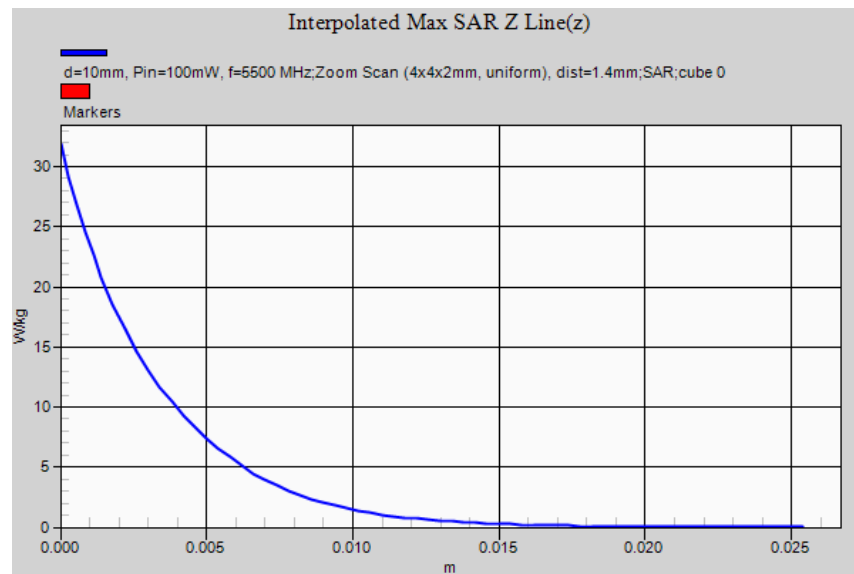
0 dB = 20.5 W/kg = 13.12 dBW/kg

SAR Measurement Plot 26



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Test Lab: EMCTech

Test File: M140913 Tablet 5800 MHz WLAN 11a.da52:0

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 1 (OFDM) 25-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.8 GHz Band; Frequency: 5745 MHz, Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00
 Medium Parameters used: $f=5744.2$ MHz; $\sigma = 6.15$ S/m; $\epsilon_r = 47.1$; $\rho = 1000.0$ g/cm³
 Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;
 Sensor-Surface: 4 mm (Mechanical Surface Detection)
 Electronics: DAE3 Sn442; Calibrated: 10/12/2013
 Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101
 DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

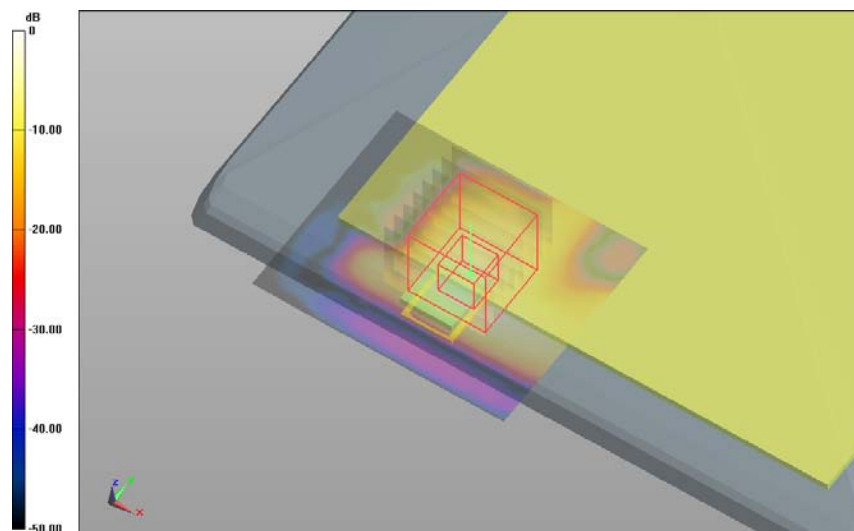
Body Worn Lap Held Antenna 1 (OFDM) 25-09-14/Channel 149 Test/Area Scan (71x61x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.669 W/kg

Body Worn Lap Held Antenna 1 (OFDM) 25-09-14/Channel 149 Test/Zoom Scan (36x36x61)/Cube 0:

Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 15.754 V/m; **Power Drift = -0.18 dB**

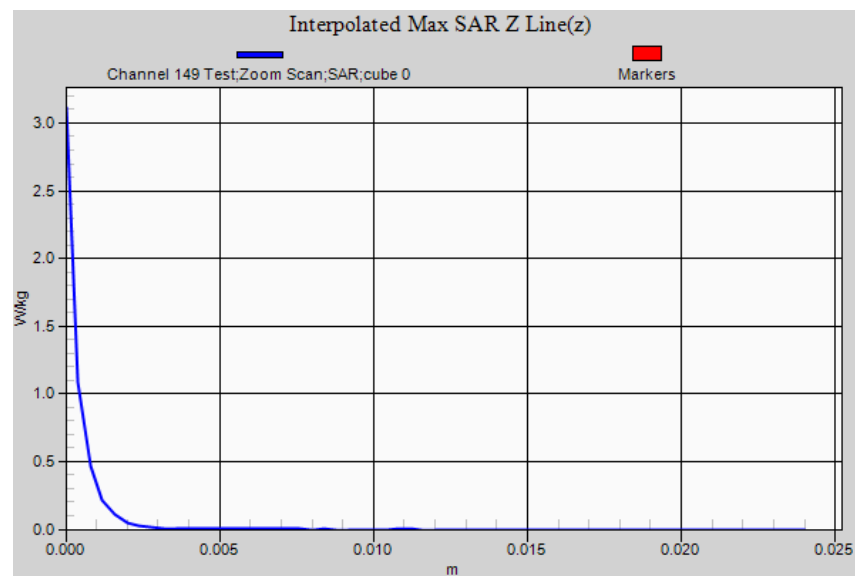
Averaged SAR: SAR(1g) = 0.580 W/kg; SAR(10g) = 0.150 W/kg

Maximum value of SAR (interpolated) = 3.110 W/kg



0 dB = 0.669 W/kg = -1.75 dBW/kg

SAR Measurement Plot 27



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Test Lab: EMCTech

Test File: M140913 Tablet 5800 MHz WLAN 11a.da52:0

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 1 (OFDM) 25-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.8 GHz Band; Frequency: 5785 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5785.45$ MHz; $\sigma = 6.22$ S/m; $\epsilon_r = 47.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

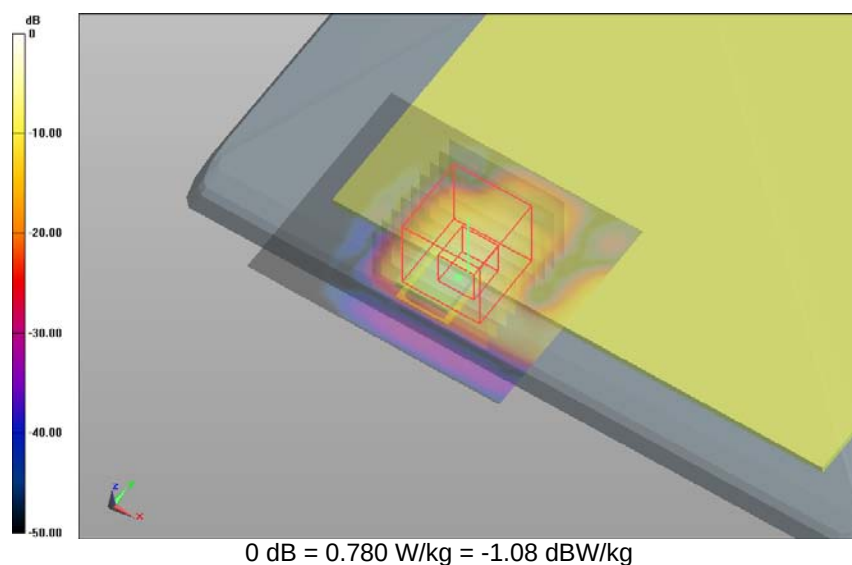
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 1 (OFDM) 25-09-14/Channel 157 Test/Area Scan (71x61x1): Interpolated grid:

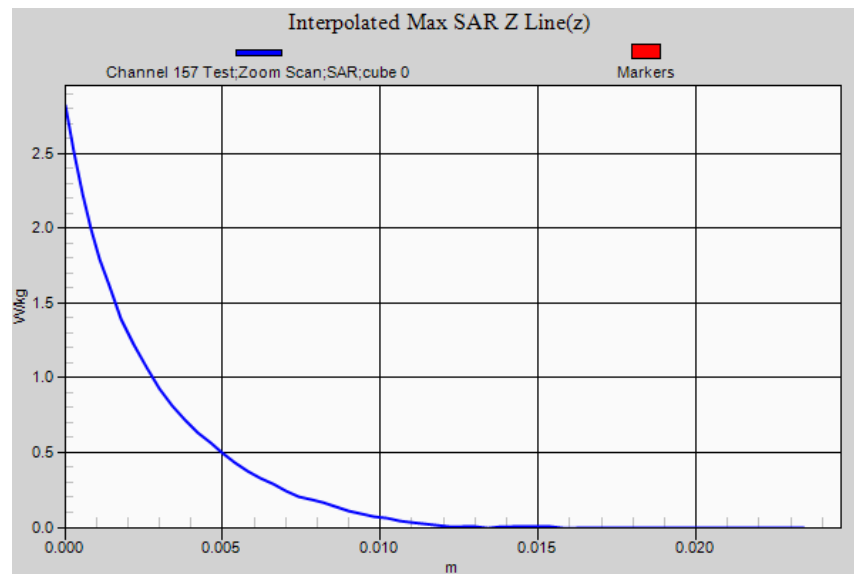
dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.780 W/kg

Body Worn Lap Held Antenna 1 (OFDM) 25-09-14/Channel 157 Test/Zoom Scan (41x41x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 13.078 V/m; **Power Drift = 0.14 dB****Averaged SAR: SAR(1g) = 0.608 W/kg; SAR(10g) = 0.159 W/kg**

Maximum value of SAR (interpolated) = 2.820 W/kg



SAR Measurement Plot 28



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Test Lab: EMCTech

Test File: M140913 Tablet 5800 MHz WLAN 11a.da52:0

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 1 (OFDM) 25-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.8 GHz Band; Frequency: 5825 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5825.05$ MHz; $\sigma = 6.28$ S/m; $\epsilon_r = 47.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

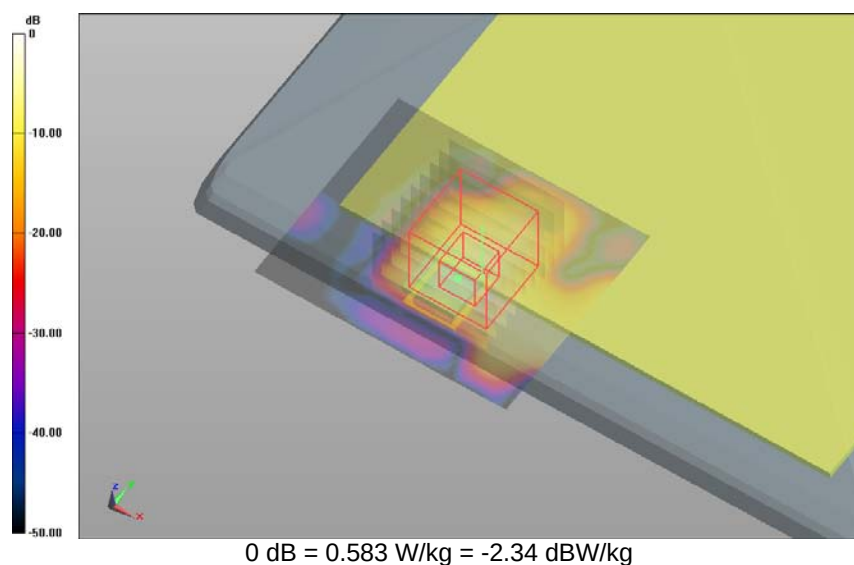
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 1 (OFDM) 25-09-14/Channel 165 Test/Area Scan (71x61x1): Interpolated grid:

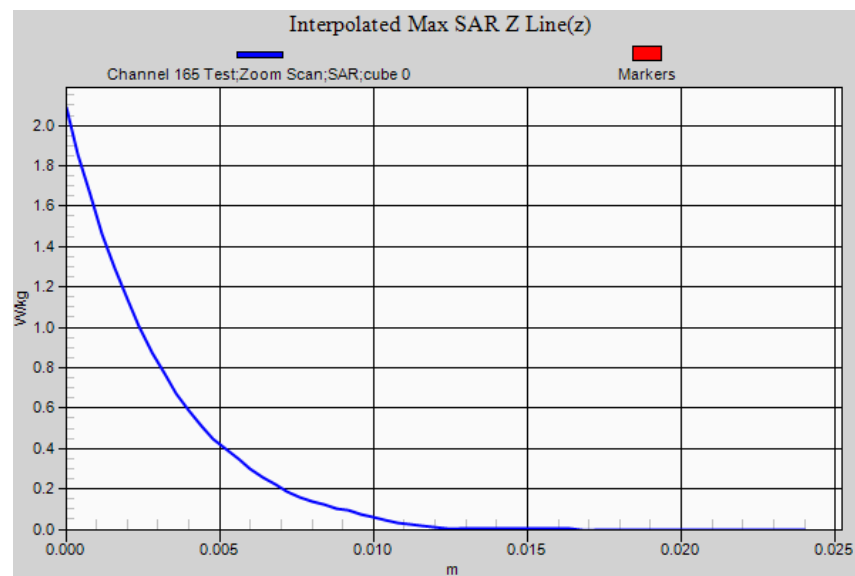
dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.583 W/kg

Body Worn Lap Held Antenna 1 (OFDM) 25-09-14/Channel 165 Test/Zoom Scan (41x41x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 12.787 V/m; **Power Drift = 0.04 dB****Averaged SAR: SAR(1g) = 0.509 W/kg; SAR(10g) = 0.134 W/kg**

Maximum value of SAR (interpolated) = 2.090 W/kg



SAR Measurement Plot 29



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Test Lab: EMCTech

Test File: M140913 Tablet 5800 MHz WLAN 11a.da52:1

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 0 (OFDM) 25-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.8 GHz Band; Frequency: 5745 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5744.2$ MHz; $\sigma = 6.15$ S/m; $\epsilon_r = 47.1$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

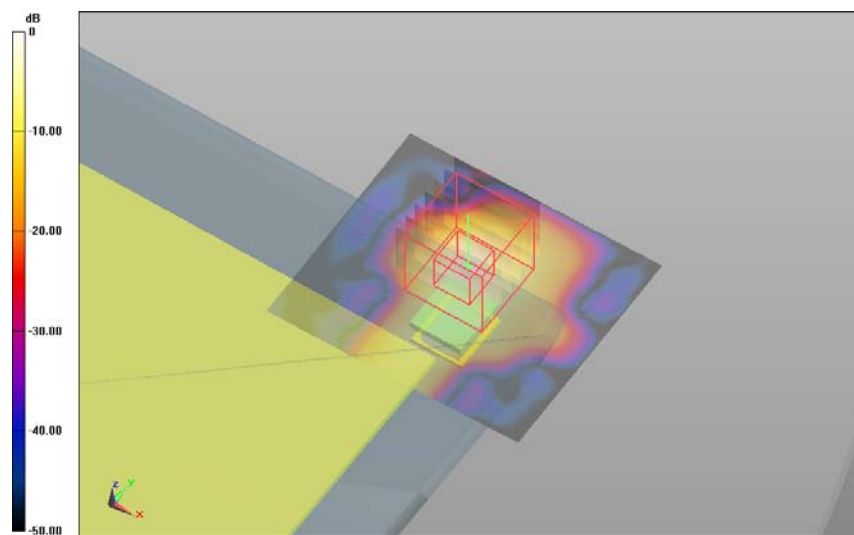
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 0 (OFDM) 25-09-14/Channel 149 Test/Area Scan (71x61x1): Interpolated grid:

dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.886 W/kg

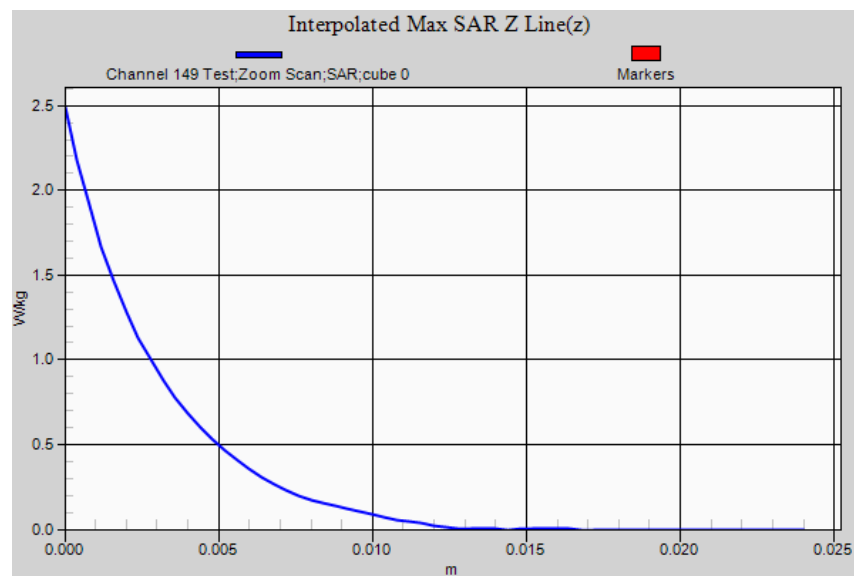
Body Worn Lap Held Antenna 0 (OFDM) 25-09-14/Channel 149 Test/Zoom Scan (31x31x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 15.952 V/m; **Power Drift = -0.08 dB****Averaged SAR: SAR(1g) = 0.601 W/kg; SAR(10g) = 0.160 W/kg**

Maximum value of SAR (interpolated) = 2.490 W/kg



0 dB = 0.886 W/kg = -0.53 dBW/kg

SAR Measurement Plot 30



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Test Lab: EMCTech

Test File: M140913 Tablet 5800 MHz WLAN 11a.da52:1

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 0 (OFDM) 25-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.8 GHz Band; Frequency: 5785 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5785.45$ MHz; $\sigma = 6.22$ S/m; $\epsilon_r = 47.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

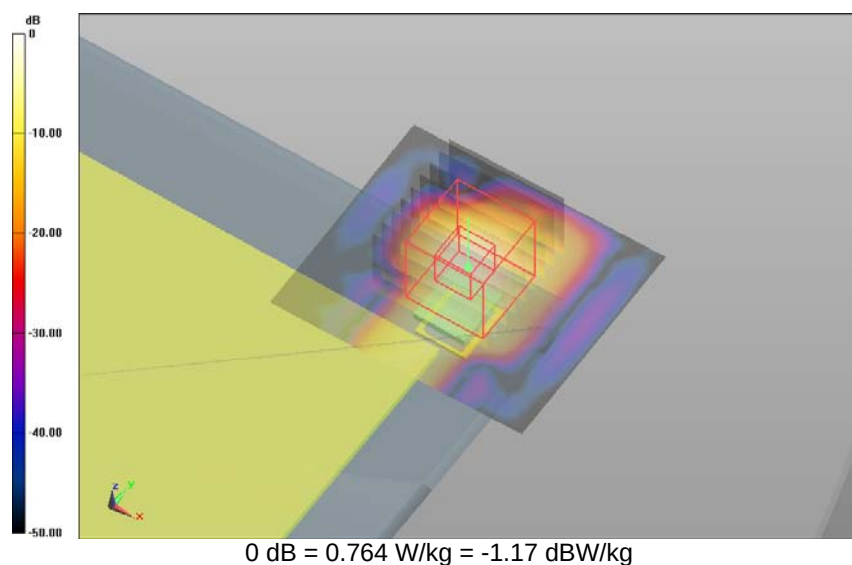
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 0 (OFDM) 25-09-14/Channel 157 Test/Area Scan (71x61x1): Interpolated grid:

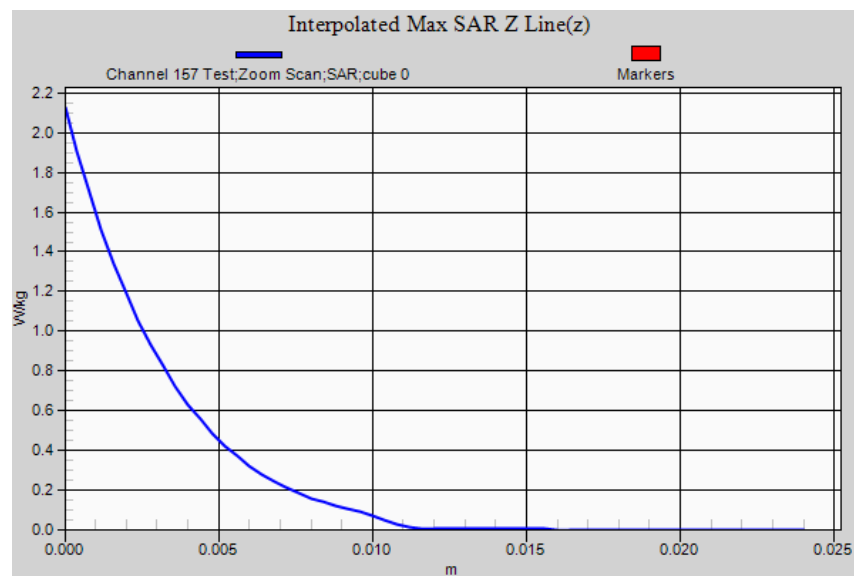
dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.764 W/kg

Body Worn Lap Held Antenna 0 (OFDM) 25-09-14/Channel 157 Test/Zoom Scan (41x41x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 16.050 V/m; **Power Drift = -0.16 dB****Averaged SAR: SAR(1g) = 0.541 W/kg; SAR(10g) = 0.148 W/kg**

Maximum value of SAR (interpolated) = 2.130 W/kg



SAR Measurement Plot 31



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Test Lab: EMCTech

Test File: M140913 Tablet 5800 MHz WLAN 11a.da52:1

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Lap Held Antenna 0 (OFDM) 25-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.8 GHz Band; Frequency: 5825 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5825.05$ MHz; $\sigma = 6.28$ S/m; $\epsilon_r = 47.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

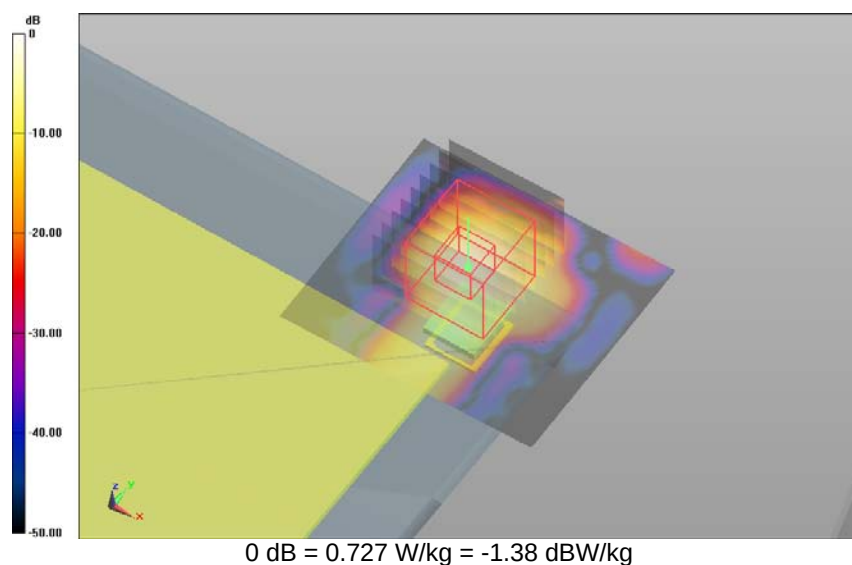
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Lap Held Antenna 0 (OFDM) 25-09-14/Channel 165 Test/Area Scan (71x61x1): Interpolated grid:

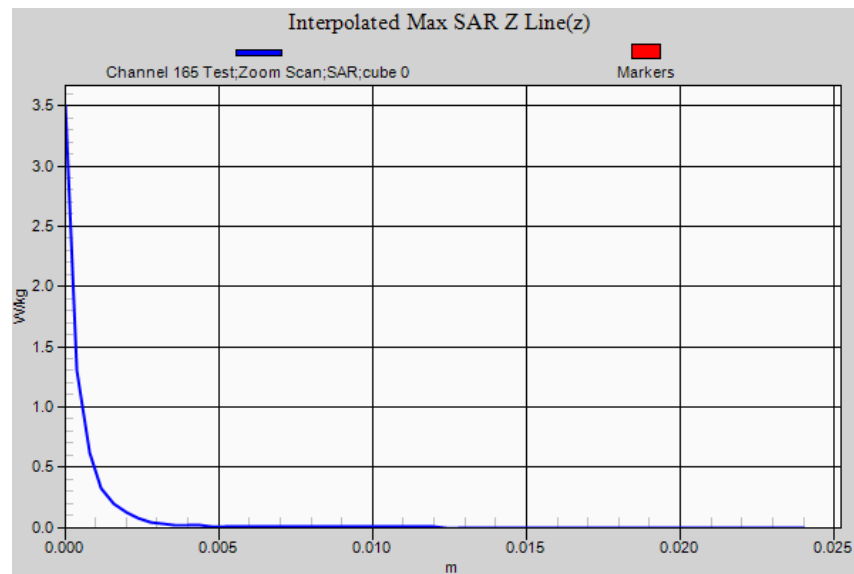
dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.727 W/kg

Body Worn Lap Held Antenna 0 (OFDM) 25-09-14/Channel 165 Test/Zoom Scan (41x41x61)/Cube 0:Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 15.529 V/m; **Power Drift = 0.08 dB****Averaged SAR: SAR(1g) = 0.615 W/kg; SAR(10g) = 0.165 W/kg**

Maximum value of SAR (interpolated) = 3.500 W/kg



SAR Measurement Plot 32



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Test Lab: EMCTech

Test File: M140913 Tablet 5800 MHz WLAN 11a.da52:2

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Secondary Landscape Antenna 0 (OFDM) 25-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.8 GHz Band; Frequency: 5785 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5785.45$ MHz; $\sigma = 6.22$ S/m; $\epsilon_r = 47.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

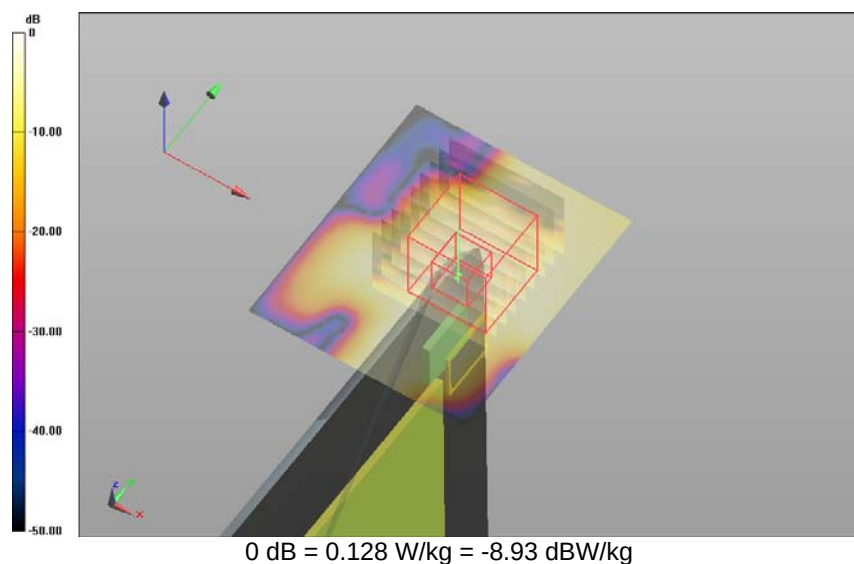
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

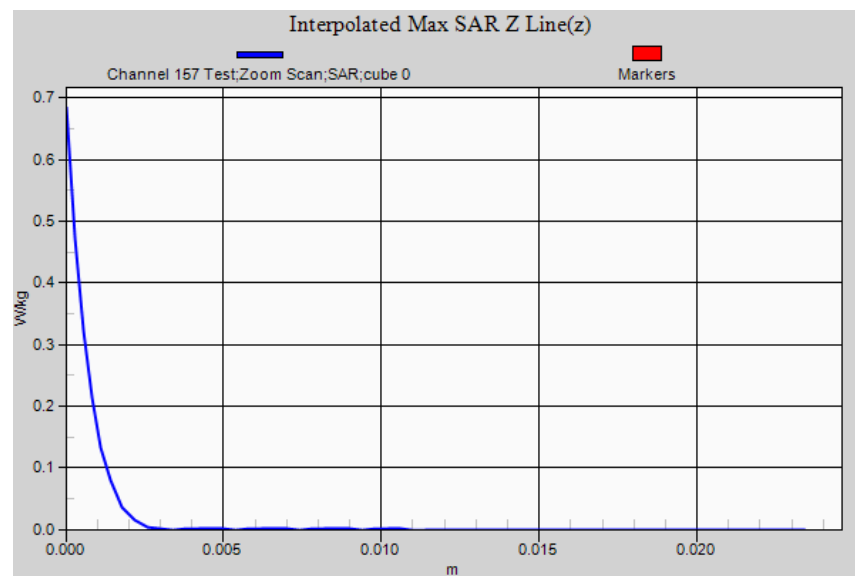
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Secondary Landscape Antenna 0 (OFDM) 25-09-14/Channel 157 Test/Area Scan (61x71x1):Interpolated grid: $dx=1.0$ mm, $dy=1.0$ mm; Maximum value of SAR (interpolated) = 0.128 W/kg**Body Worn Secondary Landscape Antenna 0 (OFDM) 25-09-14/Channel 157 Test/Zoom Scan****(41x41x61)/Cube 0:** Interpolated grid: $dx=0.8$ mm, $dy=0.8$ mm, $dz=0.4$ mm; Reference Value = 8.137 V/m; **Power Drift = -0.02 dB****Averaged SAR: SAR(1g) = 0.140 W/kg; SAR(10g) = 0.048 W/kg**

Maximum value of SAR (interpolated) = 0.684 W/kg



SAR Measurement Plot 33



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Test Lab: EMCTech

Test File: M140913 Tablet 5800 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Secondary Portrait Antenna 0 (OFDM) 25-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.8 GHz Band; Frequency: 5785 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5785.45$ MHz; $\sigma = 6.22$ S/m; $\epsilon_r = 47.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

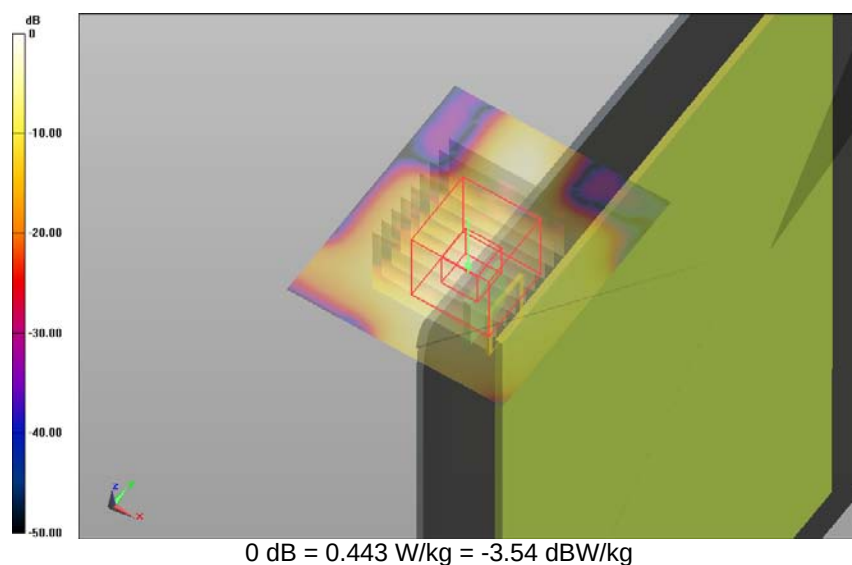
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

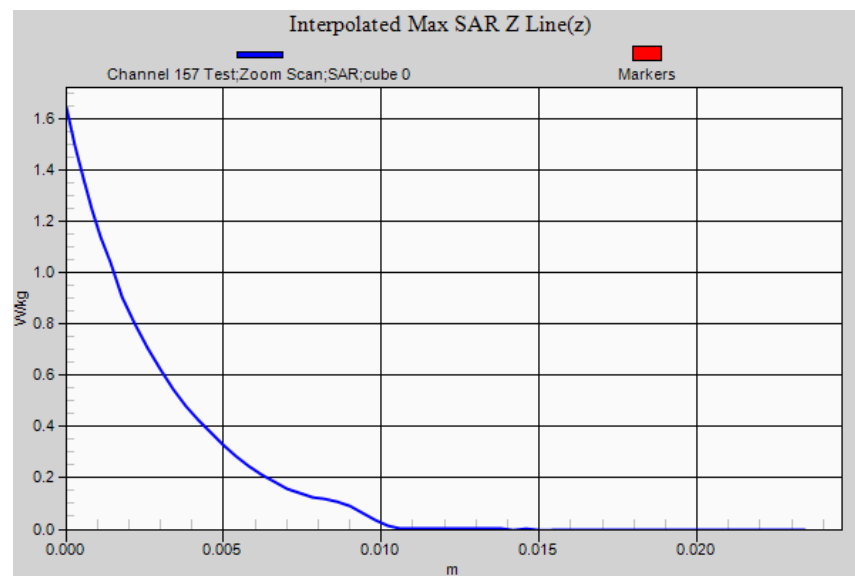
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Secondary Portrait Antenna 0 (OFDM) 25-09-14/Channel 157 Test/Area Scan (61x71x1):Interpolated grid: $dx=1.0$ mm, $dy=1.0$ mm; Maximum value of SAR (interpolated) = 0.443 W/kg**Body Worn Secondary Portrait Antenna 0 (OFDM) 25-09-14/Channel 157 Test/Zoom Scan (41x41x61)/Cube****0:** Interpolated grid: $dx=0.8$ mm, $dy=0.8$ mm, $dz=0.4$ mm; Reference Value = 12.552 V/m; **Power Drift = -0.09 dB****Averaged SAR: SAR(1g) = 0.403 W/kg; SAR(10g) = 0.123 W/kg**

Maximum value of SAR (interpolated) = 1.640 W/kg



SAR Measurement Plot 34



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Test Lab: EMCTech

Test File: M140913 Tablet 5800 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Luciola with Mitsumi WLAN, Type: DWM-W095A, Serial: 00066791**Configuration: Body Worn Primary Portrait Antenna 1 (OFDM) 25-09-14**

Communication System: 0 - OFDM 5 GHz 6 Mbs; Communication System Band: 5.8 GHz Band; Frequency: 5785 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5785.45$ MHz; $\sigma = 6.22$ S/m; $\epsilon_r = 47.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

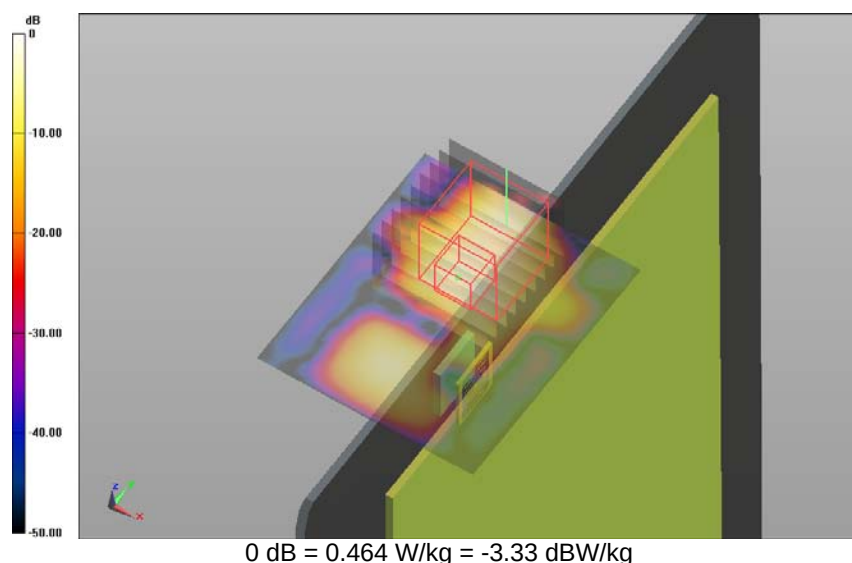
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

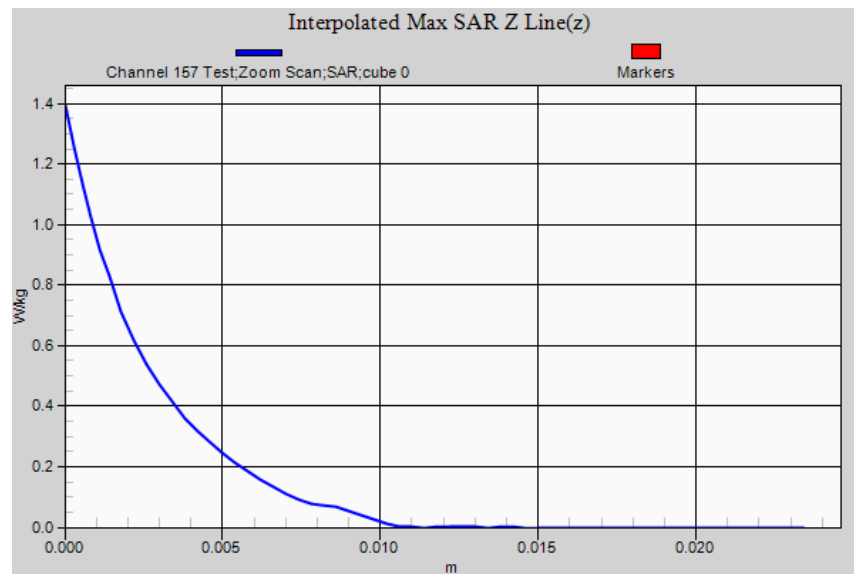
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn Primary Portrait Antenna 1 (OFDM) 25-09-14/Channel 157 Test/Area Scan (61x71x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.464 W/kg**Body Worn Primary Portrait Antenna 1 (OFDM) 25-09-14/Channel 157 Test/Zoom Scan (41x41x61)/Cube 0:**Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 5.923 V/m; **Power Drift = 0.07 dB****Averaged SAR: SAR(1g) = 0.298 W/kg; SAR(10g) = 0.091 W/kg**

Maximum value of SAR (interpolated) = 1.390 W/kg



SAR Measurement Plot 35



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Test Lab: EMCTech

Test File: M140913 Tablet 5800 MHz WLAN 11a.da52:6

DUT Name: Dipole 5200_5800 MHz, Type: D5GHzV2, Serial: 1008**Configuration: System Performance Check with D5GHzV2 Dipole (uniform grid) 25-09-14**

Communication System: 0 - CW; Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5800 MHz; Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used: $f=5800.3$ MHz; $\sigma = 6.25$ S/m; $\epsilon_r = 47.0$; $\rho = 1000.0$ g/cm³

Phantom section: Flat Section

DASY Configuration:

Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;

Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

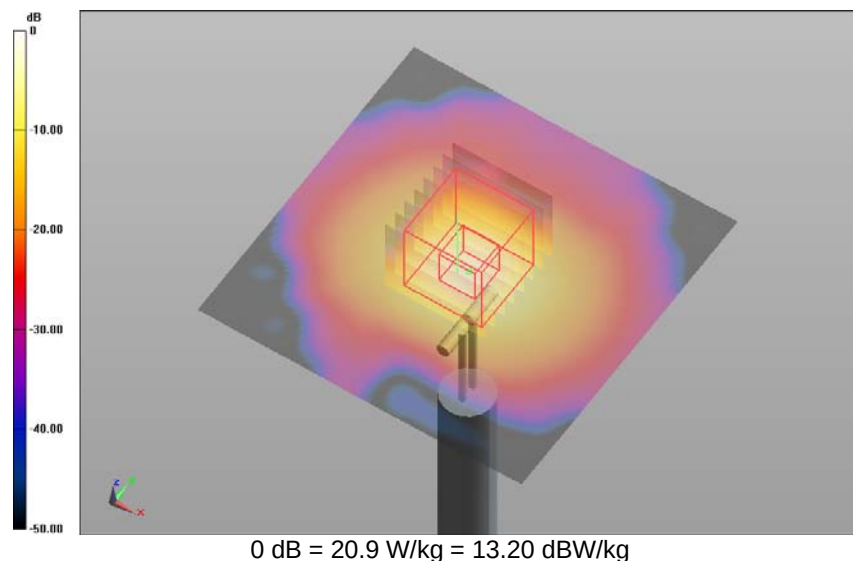
Electronics: DAE3 Sn442; Calibrated: 10/12/2013

Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101

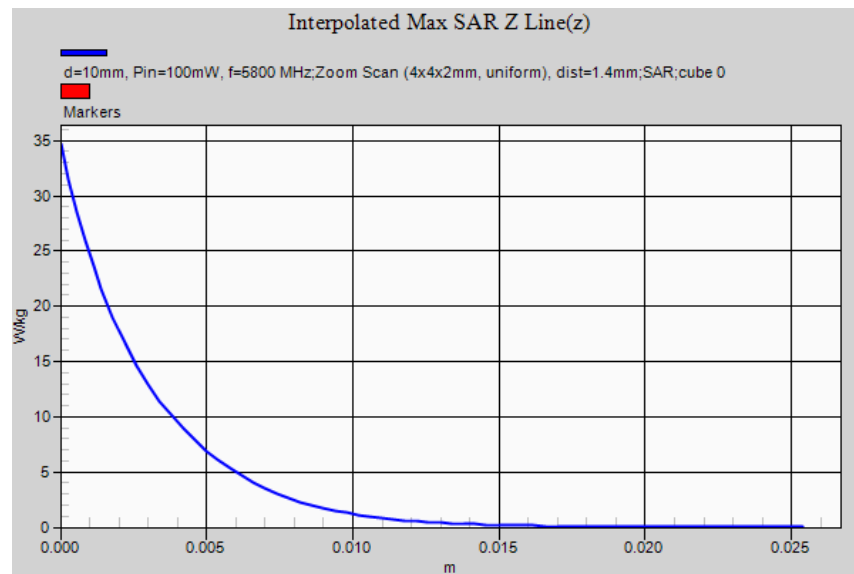
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

System Performance Check with D5GHzV2 Dipole (uniform grid) 25-09-14/d=10mm, Pin=100mW, f=5800 MHz/Area Scan (91x91x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 20.900 W/kg**System Performance Check with D5GHzV2 Dipole (uniform grid) 25-09-14/d=10mm, Pin=100mW, f=5800 MHz/Zoom Scan (4x4x2mm, uniform), dist=1.4mm (36x36x66)/Cube 0:** Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 67.442 V/m; **Power Drift = 0.00 dB****Averaged SAR: SAR(1g) = 8.290 W/kg; SAR(10g) = 2.300 W/kg**

Maximum value of SAR (interpolated) = 34.700 W/kg



SAR Measurement Plot 36



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