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.

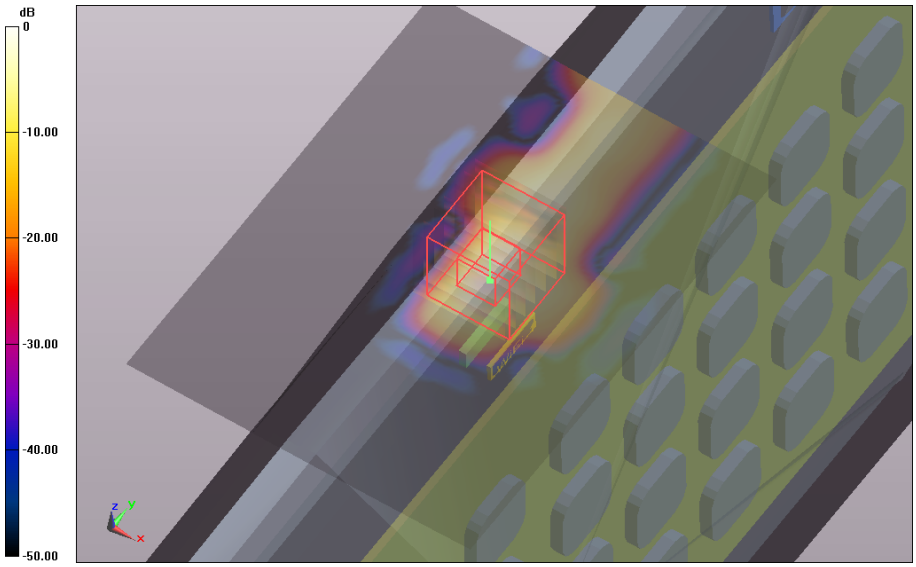
Test Lab: EMCTech Test File: M141024 Tablet 5200 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5200 MHz Antenna A (1) 24-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); Communication System Band: 5.2 GHz Band; Frequency: 5200 MHz, Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00
Medium Parameters used: f=5199.7 MHz; σ = 5.38 S/m; ε_r = 49.2; ρ = 1000.0g/cm^3
Phantom section: Flat Section

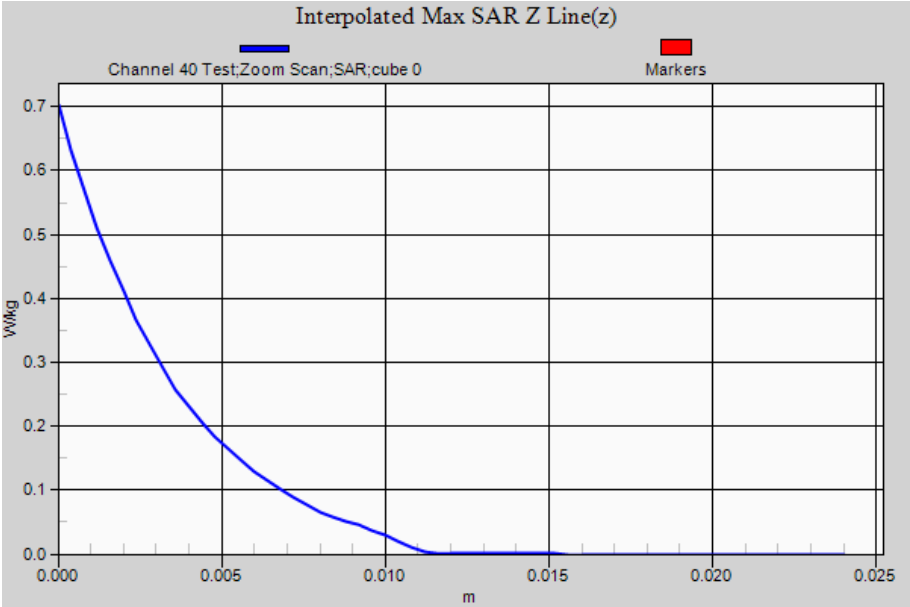
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5200 MHz Antenna A (1) 24-10-14/Channel 40 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.674 W/kg
Edge 2 OFDM 5200 MHz Antenna A (1) 24-10-14/Channel 40 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 3.828 V/m; **Power Drift = 0.03 dB**
Averaged SAR: SAR(1g) = 0.197 W/kg; SAR(10g) = 0.054 W/kg
Maximum value of SAR (interpolated) = 0.702 W/kg



0 dB = 0.674 W/kg = -1.71 dBW/kg

SAR Measurement Plot 1



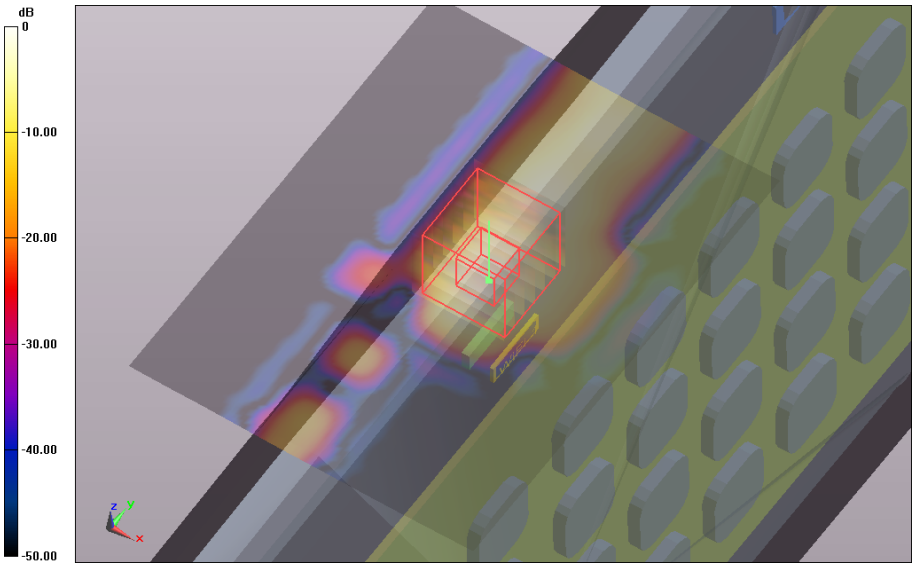
Test Lab: EMCTech Test File: M141024 Tablet 5200 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5200 MHz Antenna A (1) 24-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.45 S/m; ε_r = 49.1; ρ = 1000.0g/cm^3
Phantom section: Flat Section

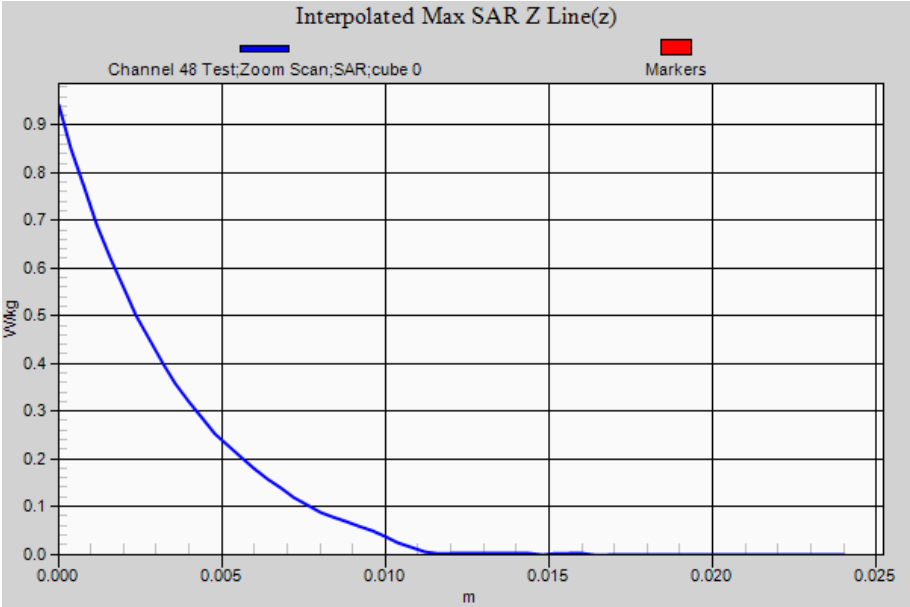
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5200 MHz Antenna A (1) 24-10-14/Channel 48 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.659 W/kg
Edge 2 OFDM 5200 MHz Antenna A (1) 24-10-14/Channel 48 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 4.917 V/m; **Power Drift = 0.04 dB**
Averaged SAR: SAR(1g) = 0.271 W/kg; SAR(10g) = 0.075 W/kg
Maximum value of SAR (interpolated) = 0.942 W/kg



0 dB = 0.659 W/kg = -1.81 dBW/kg

SAR Measurement Plot 2



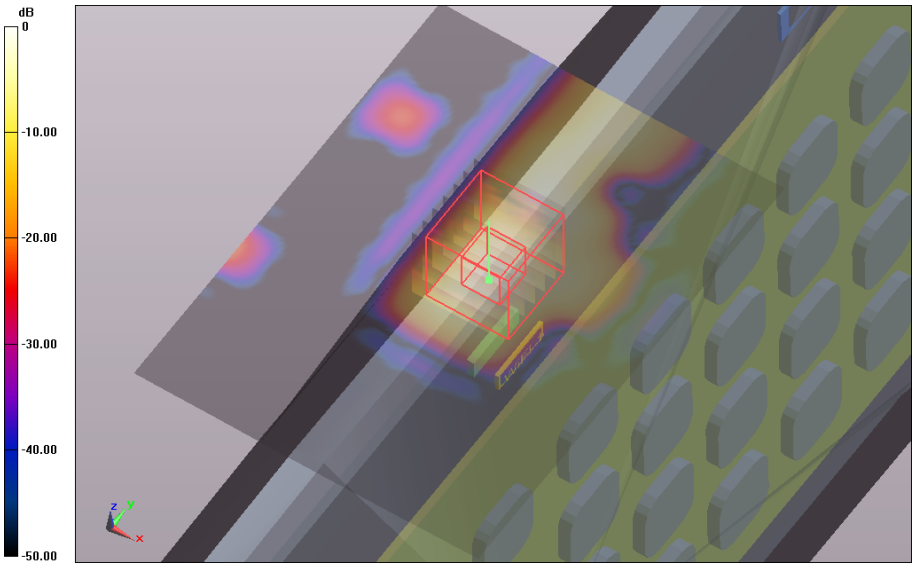
Test Lab: EMCTech Test File: M141024 Tablet 5200 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5200 MHz Antenna A (1) 24-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.50 S/m; ε_r = 49.1; ρ = 1000.0g/cm^3
Phantom section: Flat Section

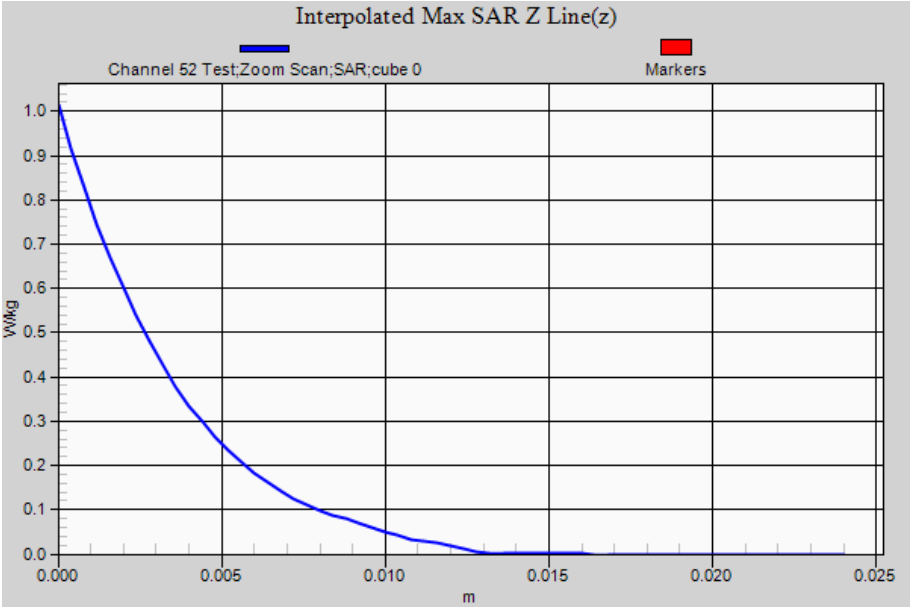
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5200 MHz Antenna A (1) 24-10-14/Channel 52 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.628 W/kg
Edge 2 OFDM 5200 MHz Antenna A (1) 24-10-14/Channel 52 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 6.085 V/m; **Power Drift = 0.05 dB**
Averaged SAR: SAR(1g) = 0.287 W/kg; SAR(10g) = 0.080 W/kg
Maximum value of SAR (interpolated) = 1.010 W/kg



0 dB = 0.628 W/kg = -2.02 dBW/kg

SAR Measurement Plot 3



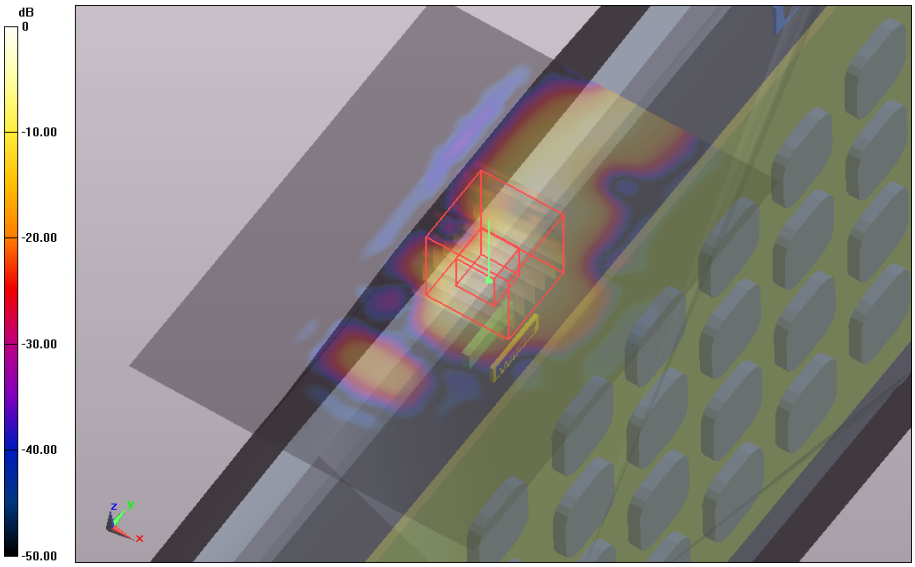
Test Lab: EMCTech Test File: M141024 Tablet 5200 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5200 MHz Antenna A (1) 24-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); Communication System Band: 5.2 GHz Band; Frequency: 5300 MHz, Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00
Medium Parameters used: f=5300.35 MHz; σ = 5.58 S/m; ε_r = 48.9; ρ = 1000.0g/cm^3
Phantom section: Flat Section

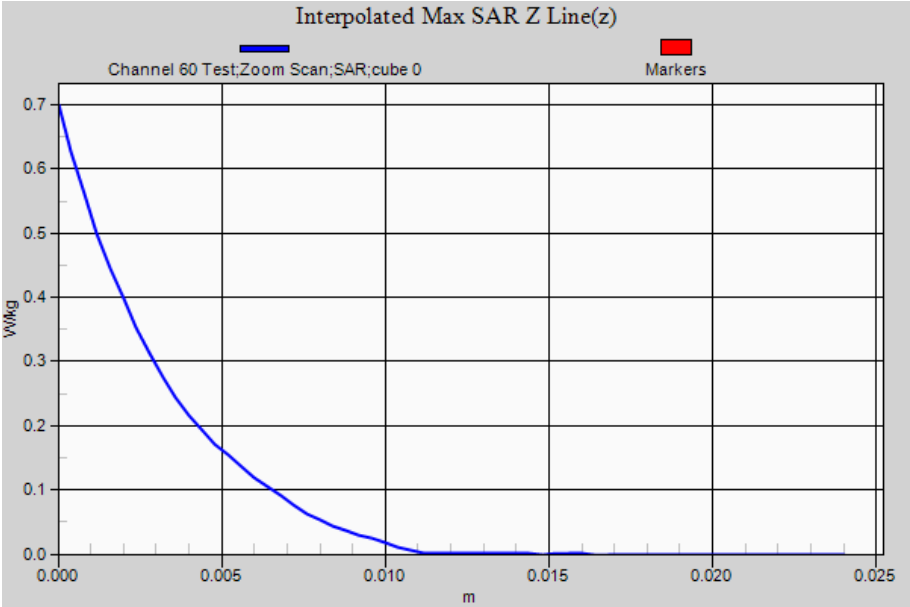
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5200 MHz Antenna A (1) 24-10-14/Channel 60 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.516 W/kg
Edge 2 OFDM 5200 MHz Antenna A (1) 24-10-14/Channel 60 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 4.267 V/m; **Power Drift = -0.21 dB**
Averaged SAR: SAR(1g) = 0.188 W/kg; SAR(10g) = 0.051 W/kg
Maximum value of SAR (interpolated) = 0.699 W/kg



0 dB = 0.516 W/kg = -2.87 dBW/kg

SAR Measurement Plot 4



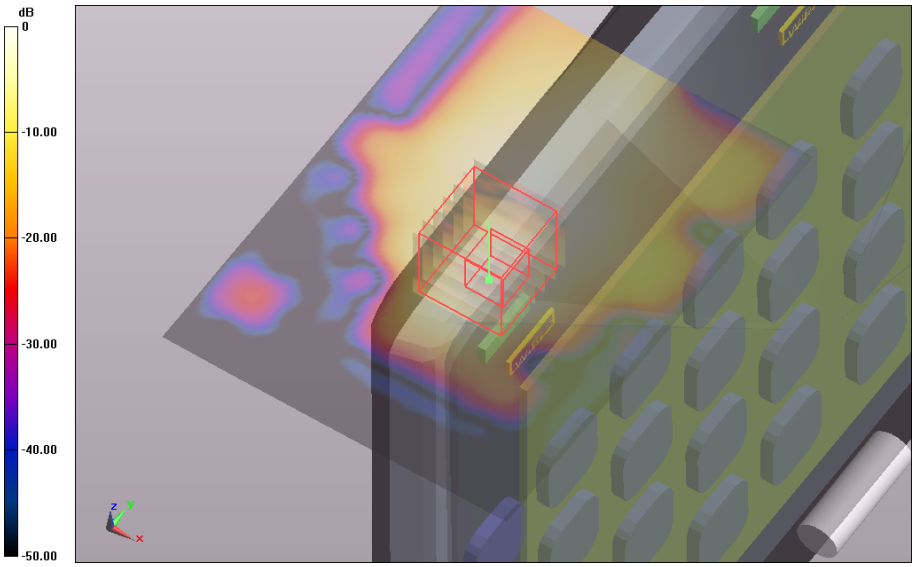
Test Lab: EMCTech Test File: M141024 Tablet 5200 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5200 MHz Antenna B (2) 24-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); Communication System Band: 5.2 GHz Band; Frequency: 5200 MHz, Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00
Medium Parameters used: f=5199.7 MHz; σ = 5.38 S/m; ε_r = 49.2; ρ = 1000.0g/cm^3
Phantom section: Flat Section

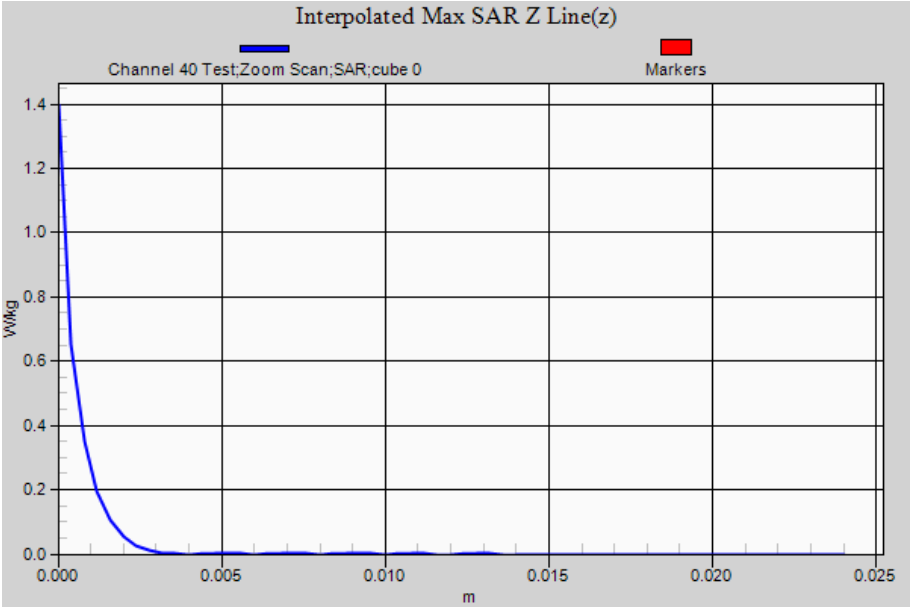
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5200 MHz Antenna B (2) 24-10-14/Channel 40 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.477 W/kg
Edge 2 OFDM 5200 MHz Antenna B (2) 24-10-14/Channel 40 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 5.537 V/m; **Power Drift = -0.04 dB**
Averaged SAR: SAR(1g) = 0.248 W/kg; SAR(10g) = 0.077 W/kg
Maximum value of SAR (interpolated) = 1.400 W/kg



0 dB = 0.477 W/kg = -3.21 dBW/kg

SAR Measurement Plot 5



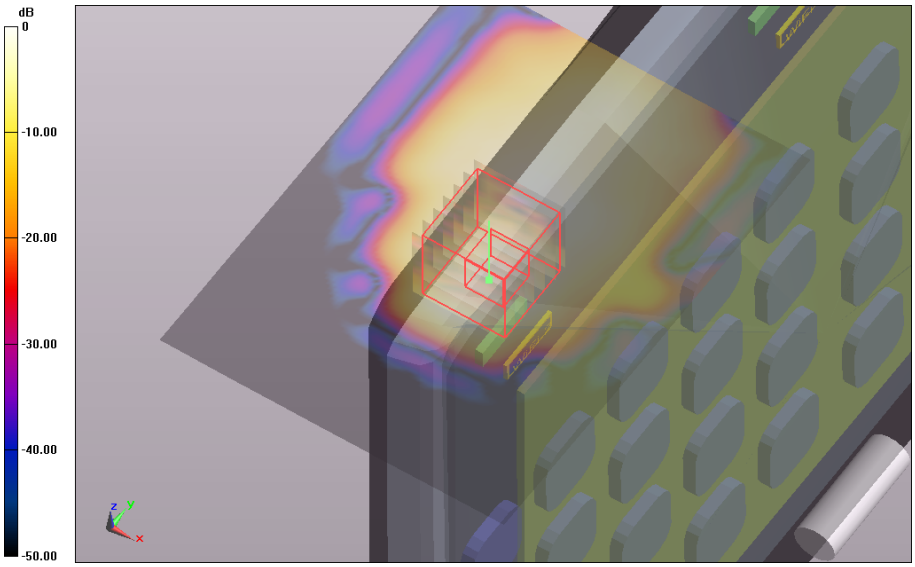
Test Lab: EMCTech Test File: M141024 Tablet 5200 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5200 MHz Antenna B (2) 24-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.45 S/m; ε_r = 49.1; ρ = 1000.0g/cm^3
Phantom section: Flat Section

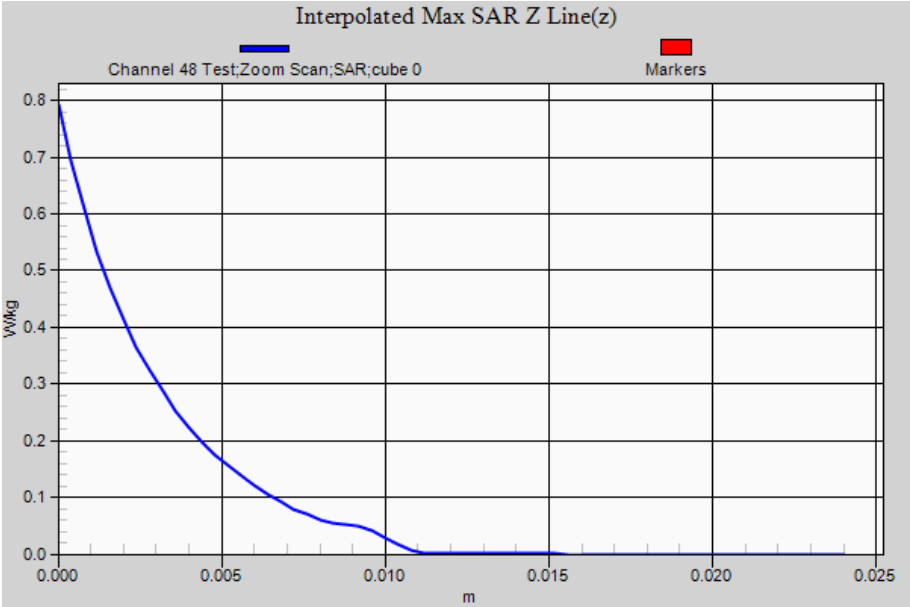
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5200 MHz Antenna B (2) 24-10-14/Channel 48 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.409 W/kg
Edge 2 OFDM 5200 MHz Antenna B (2) 24-10-14/Channel 48 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 5.092 V/m; **Power Drift = -0.14 dB**
Averaged SAR: SAR(1g) = 0.209 W/kg; SAR(10g) = 0.065 W/kg
Maximum value of SAR (interpolated) = 0.792 W/kg



0 dB = 0.409 W/kg = -3.88 dBW/kg

SAR Measurement Plot 6



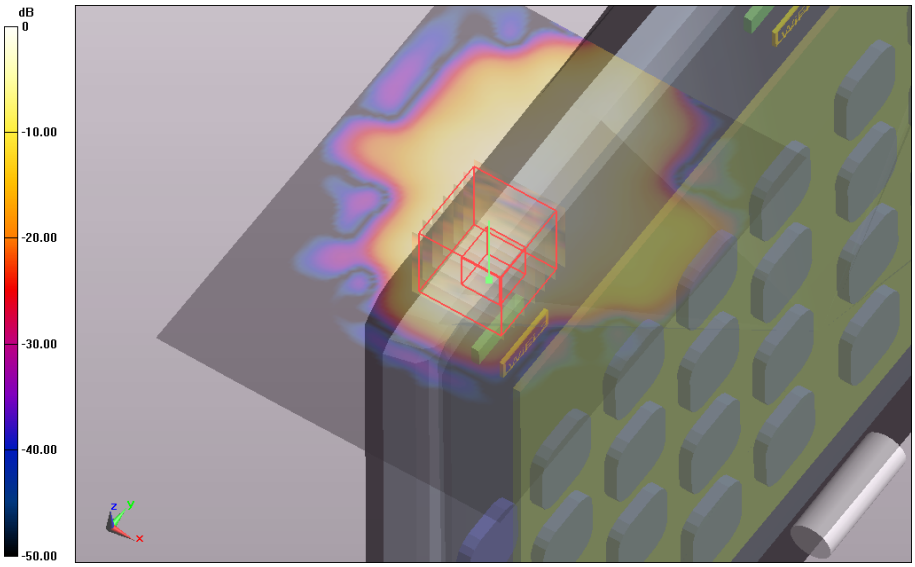
Test Lab: EMCTech Test File: M141024 Tablet 5200 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5200 MHz Antenna B (2) 24-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.50 S/m; ε_r = 49.1; ρ = 1000.0g/cm^3
Phantom section: Flat Section

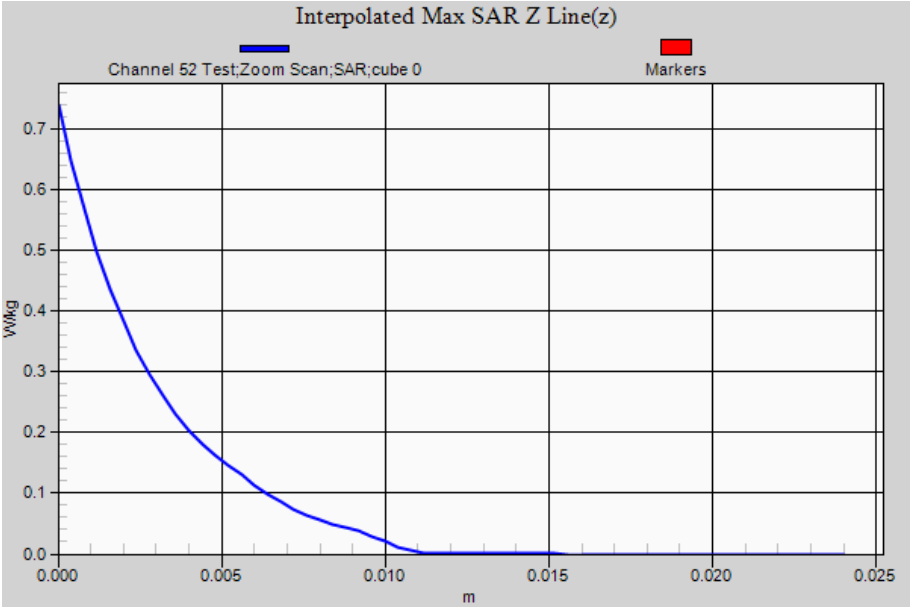
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5200 MHz Antenna B (2) 24-10-14/Channel 52 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.376 W/kg
Edge 2 OFDM 5200 MHz Antenna B (2) 24-10-14/Channel 52 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 4.917 V/m; **Power Drift = -0.08 dB**
Averaged SAR: SAR(1g) = 0.195 W/kg; SAR(10g) = 0.060 W/kg
Maximum value of SAR (interpolated) = 0.739 W/kg



0 dB = 0.376 W/kg = -4.25 dBW/kg

SAR Measurement Plot 7



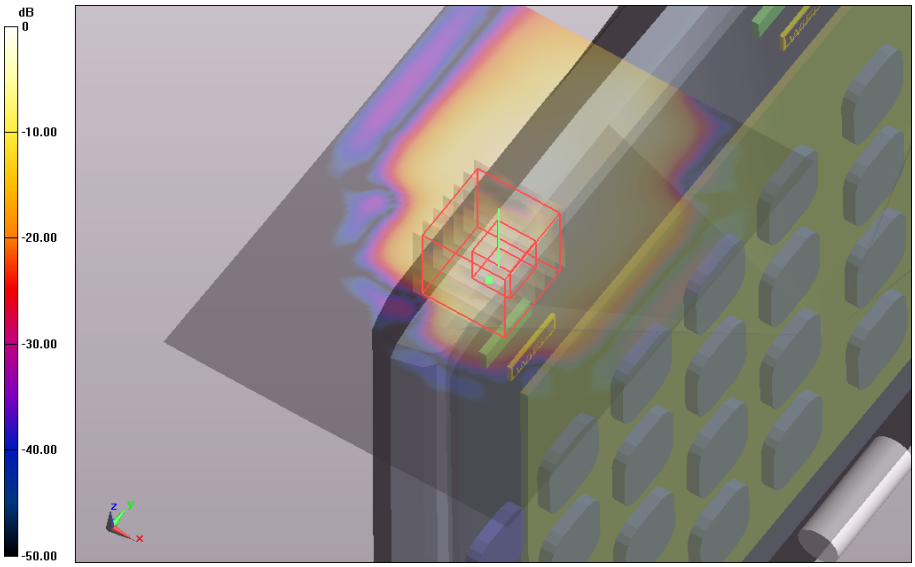
Test Lab: EMCTech Test File: M141024 Tablet 5200 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5200 MHz Antenna B (2) 24-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); Communication System Band: 5.2 GHz Band; Frequency: 5300 MHz, Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00
Medium Parameters used: f=5300.35 MHz; σ = 5.58 S/m; ε_r = 48.9; ρ = 1000.0g/cm^3
Phantom section: Flat Section

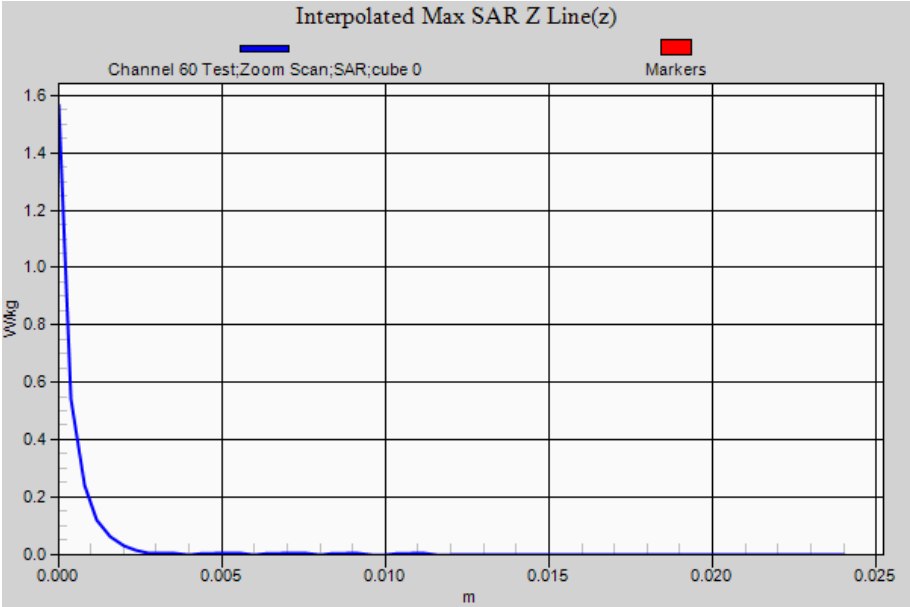
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5200 MHz Antenna B (2) 24-10-14/Channel 60 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.479 W/kg
Edge 2 OFDM 5200 MHz Antenna B (2) 24-10-14/Channel 60 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 5.624 V/m; **Power Drift = 0.02 dB**
Averaged SAR: SAR(1g) = 0.229 W/kg; SAR(10g) = 0.068 W/kg
Maximum value of SAR (interpolated) = 1.570 W/kg



0 dB = 0.479 W/kg = -3.20 dBW/kg

SAR Measurement Plot 8



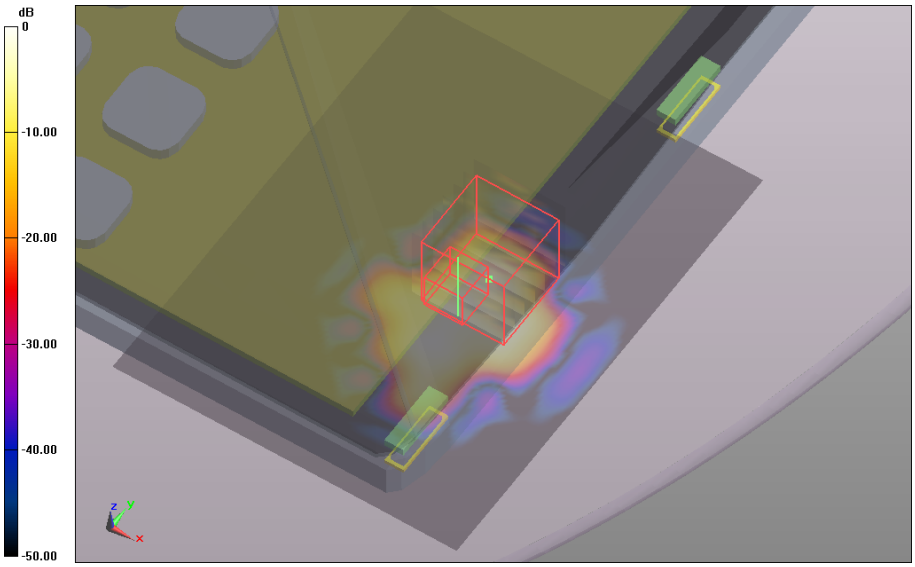
Test Lab: EMCTech Test File: M141024 Tablet 5200 MHz WLAN 11a.da52:8

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Lap Held OFDM 5200 MHz Antenna B (2) 24-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.50 S/m; ε_r = 49.1; ρ = 1000.0g/cm^3
Phantom section: Flat Section

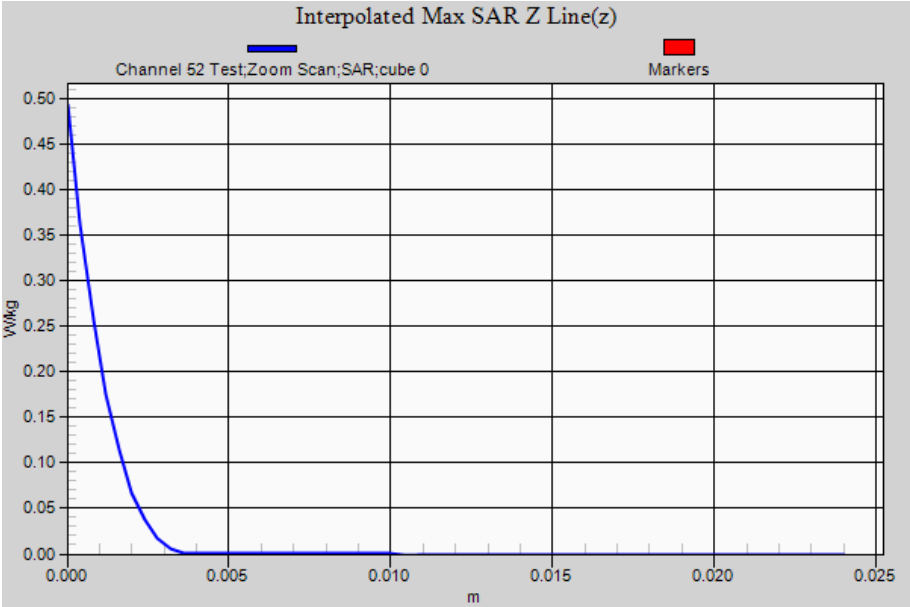
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Lap Held OFDM 5200 MHz Antenna B (2) 24-10-14/Channel 52 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.197 W/kg
Lap Held OFDM 5200 MHz Antenna B (2) 24-10-14/Channel 52 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 2.291 V/m; **Power Drift = -0.19 dB**
Averaged SAR: SAR(1g) = 0.043 W/kg; SAR(10g) = 0.012 W/kg
Maximum value of SAR (interpolated) = 0.493 W/kg



0 dB = 0.197 W/kg = -7.06 dBW/kg

SAR Measurement Plot 9



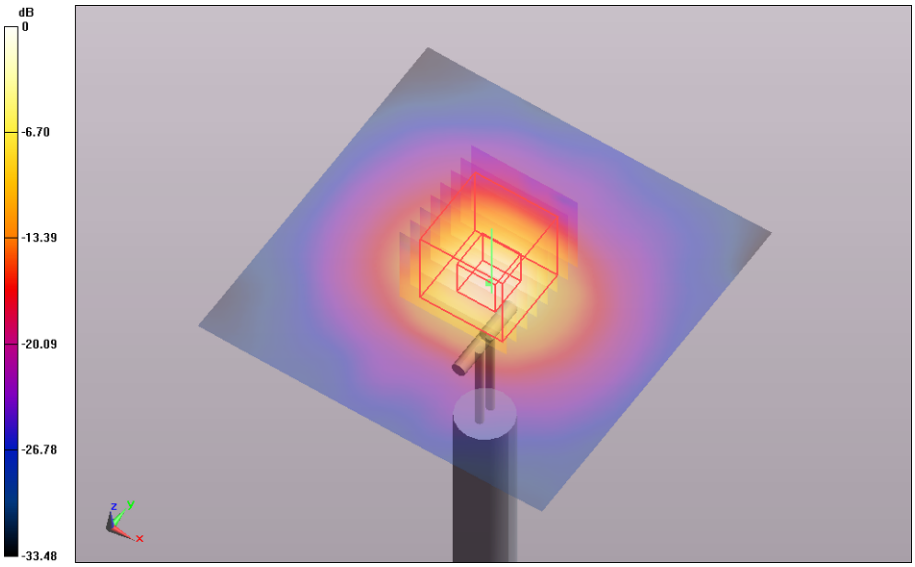
Test Lab: EMCTech Test File: M141024 Tablet 5200 MHz WLAN 11a.da52:9

DUT Name: Dipole 5200_5800 MHz, Type: D5GHzV2, Serial: 1008

Configuration: System Performance Check with D5GHzV2 Dipole (uniform grid) 24-10-14
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; σ = 5.38 S/m; ε_r = 49.2; ρ = 1000.0g/cm^3
Phantom section: Flat Section

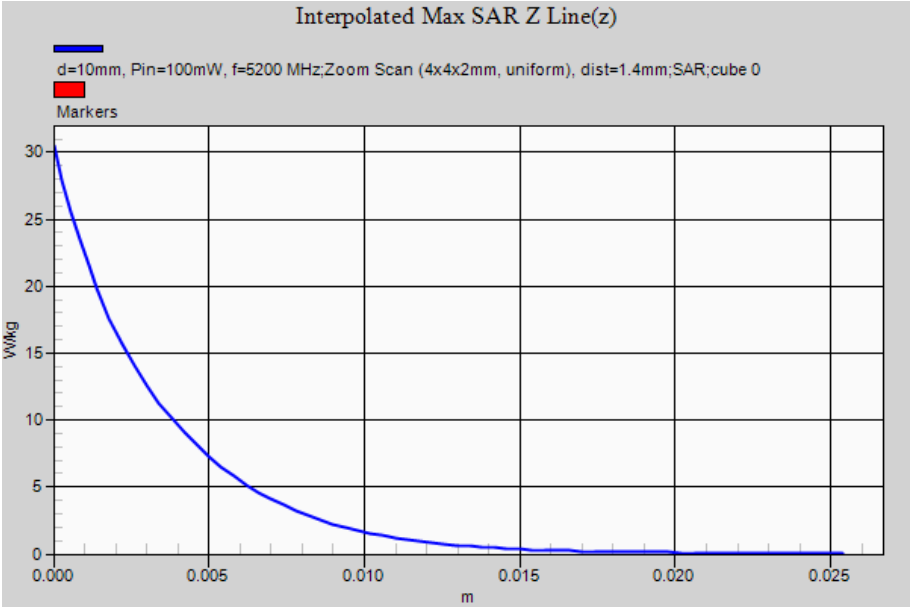
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.75,3.75,3.75); Calibrated: 17/12/2013;
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

System Performance Check with D5GHzV2 Dipole (uniform grid) 24-10-14/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) = 20.000 W/kg
System Performance Check with D5GHzV2 Dipole (uniform grid) 24-10-14/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 = 68.388 V/m; **Power Drift = -0.11 dB**
Averaged SAR: SAR(1g) = 7.970 W/kg; SAR(10g) = 2.240 W/kg
Maximum value of SAR (interpolated) = 30.500 W/kg



0 dB = 20.0 W/kg = 13.01 dBW/kg

SAR Measurement Plot 10



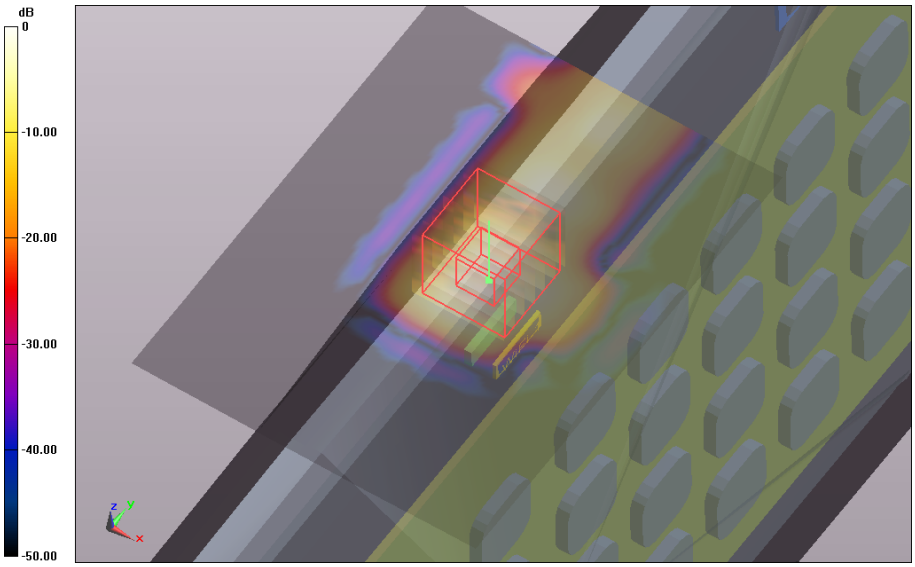
Test Lab: EMCTech Test File: M141024 Tablet 5600 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5600 MHz Antenna A (1) 22-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.77 S/m; ε_r = 48.0; ρ = 1000.0g/cm^3
Phantom section: Flat Section

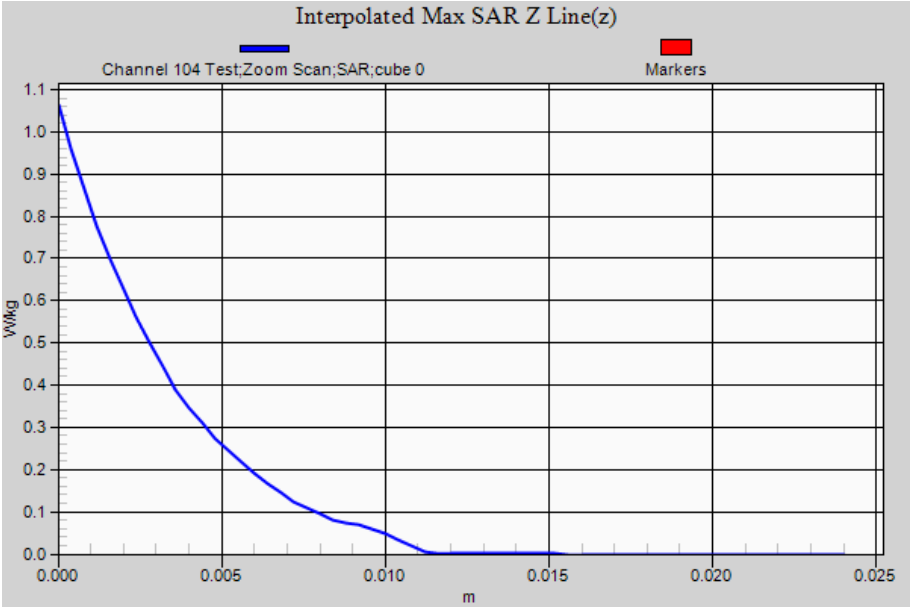
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5600 MHz Antenna A (1) 22-10-14/Channel 104 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.676 W/kg
Edge 2 OFDM 5600 MHz Antenna A (1) 22-10-14/Channel 104 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 5.928 V/m; **Power Drift = -0.05 dB**
Averaged SAR: SAR(1g) = 0.303 W/kg; SAR(10g) = 0.085 W/kg
Maximum value of SAR (interpolated) = 1.060 W/kg



0 dB = 0.676 W/kg = -1.70 dBW/kg

SAR Measurement Plot 11



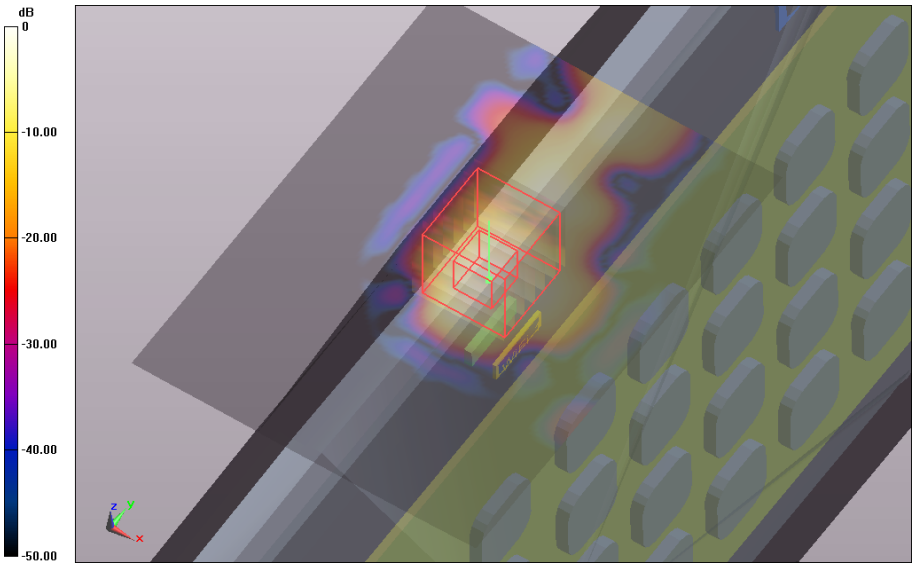
Test Lab: EMCTech Test File: M141024 Tablet 5600 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5600 MHz Antenna A (1) 22-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.87 S/m; ε_r = 47.8; ρ = 1000.0g/cm^3
Phantom section: Flat Section

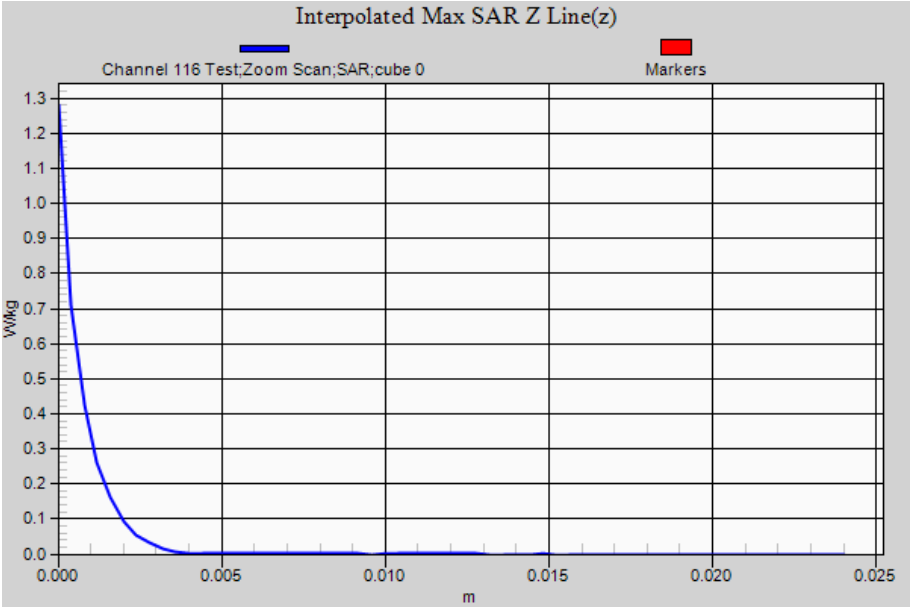
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5600 MHz Antenna A (1) 22-10-14/Channel 116 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.808 W/kg
Edge 2 OFDM 5600 MHz Antenna A (1) 22-10-14/Channel 116 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 5.863 V/m; **Power Drift = 0.16 dB**
Averaged SAR: SAR(1g) = 0.331 W/kg; SAR(10g) = 0.095 W/kg
Maximum value of SAR (interpolated) = 1.280 W/kg



0 dB = 0.808 W/kg = -0.93 dBW/kg

SAR Measurement Plot 12



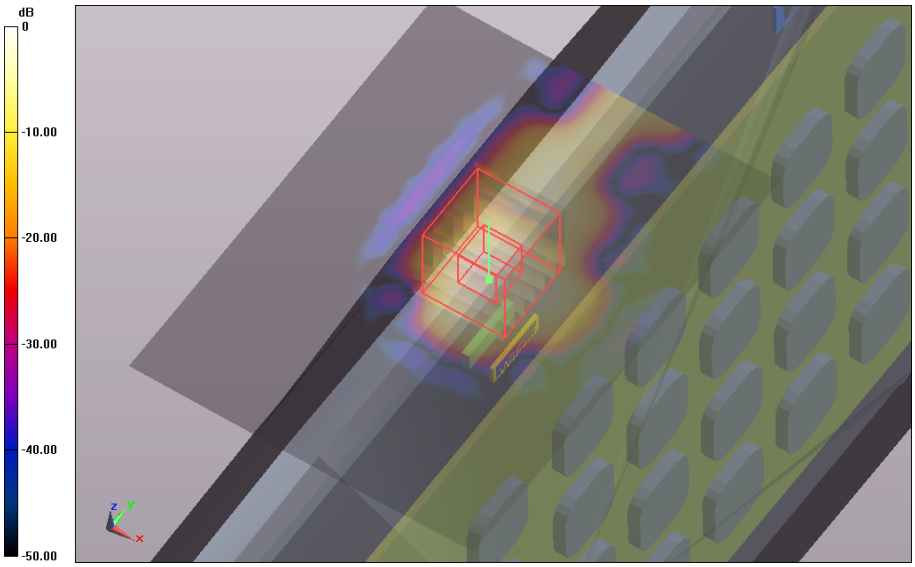
Test Lab: EMCTech Test File: M141024 Tablet 5600 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5600 MHz Antenna A (1) 22-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 6.05 S/m; ε_r = 47.5; ρ = 1000.0g/cm^3
Phantom section: Flat Section

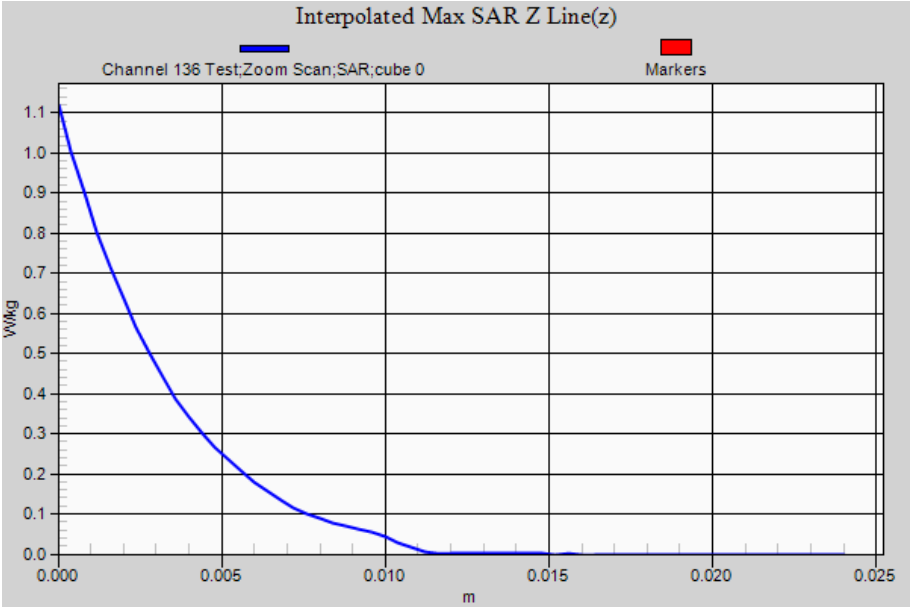
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5600 MHz Antenna A (1) 22-10-14/Channel 136 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.732 W/kg
Edge 2 OFDM 5600 MHz Antenna A (1) 22-10-14/Channel 136 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 5.786 V/m; **Power Drift = 0.10 dB**
Averaged SAR: SAR(1g) = 0.304 W/kg; SAR(10g) = 0.085 W/kg
Maximum value of SAR (interpolated) = 1.120 W/kg



0 dB = 0.732 W/kg = -1.35 dBW/kg

SAR Measurement Plot 13



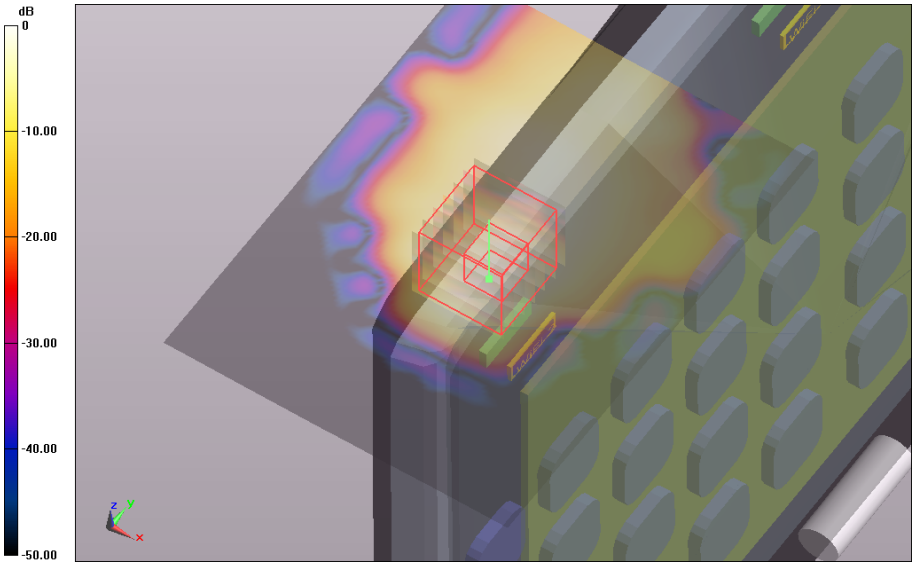
Test Lab: EMCTech Test File: M141024 Tablet 5600 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5600 MHz Antenna B (2) 22-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.77 S/m; ε_r = 48.0; ρ = 1000.0g/cm^3
Phantom section: Flat Section

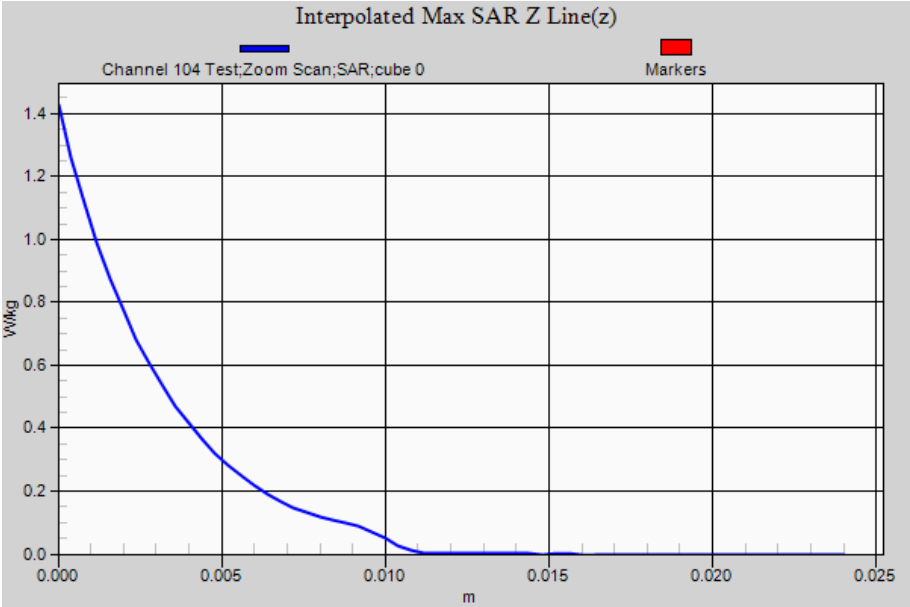
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5600 MHz Antenna B (2) 22-10-14/Channel 104 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.748 W/kg
Edge 2 OFDM 5600 MHz Antenna B (2) 22-10-14/Channel 104 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 7.440 V/m; **Power Drift = -0.14 dB**
Averaged SAR: SAR(1g) = 0.373 W/kg; SAR(10g) = 0.113 W/kg
Maximum value of SAR (interpolated) = 1.430 W/kg



0 dB = 0.748 W/kg = -1.26 dBW/kg

SAR Measurement Plot 14



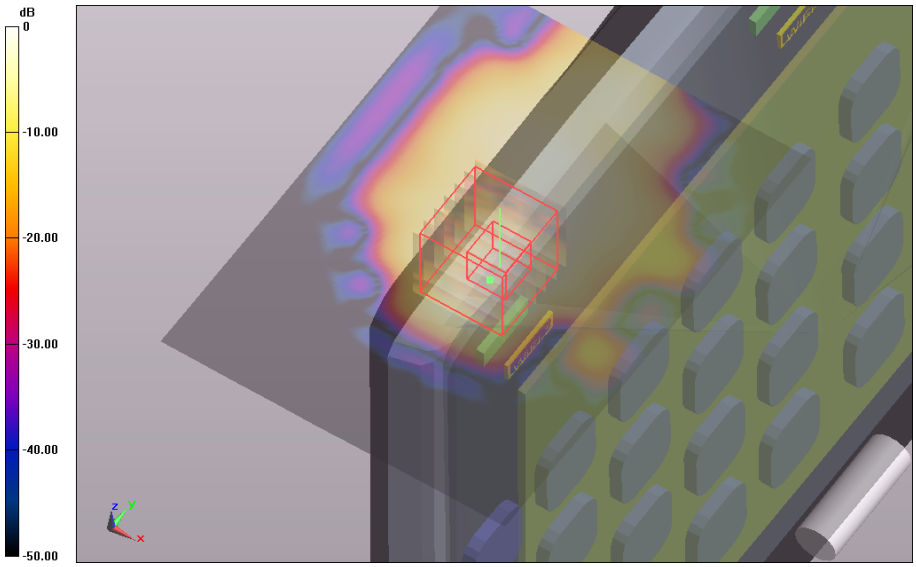
Test Lab: EMCTech Test File: M141024 Tablet 5600 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5600 MHz Antenna B (2) 22-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.87 S/m; ε_r = 47.8; ρ = 1000.0g/cm^3
Phantom section: Flat Section

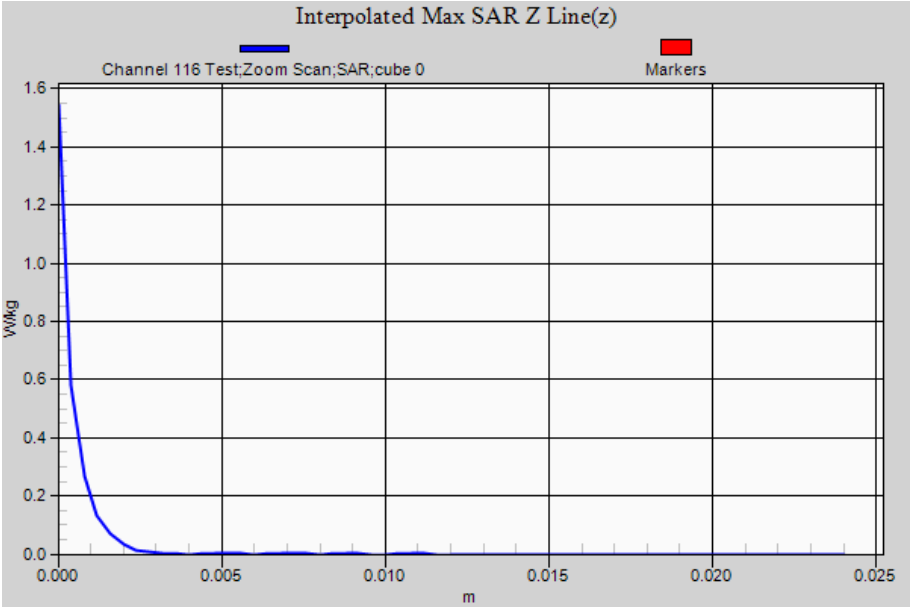
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5600 MHz Antenna B (2) 22-10-14/Channel 116 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.515 W/kg
Edge 2 OFDM 5600 MHz Antenna B (2) 22-10-14/Channel 116 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 5.989 V/m; **Power Drift = -0.14 dB**
Averaged SAR: SAR(1g) = 0.251 W/kg; SAR(10g) = 0.074 W/kg
Maximum value of SAR (interpolated) = 1.540 W/kg



0 dB = 0.515 W/kg = -2.88 dBW/kg

SAR Measurement Plot 15



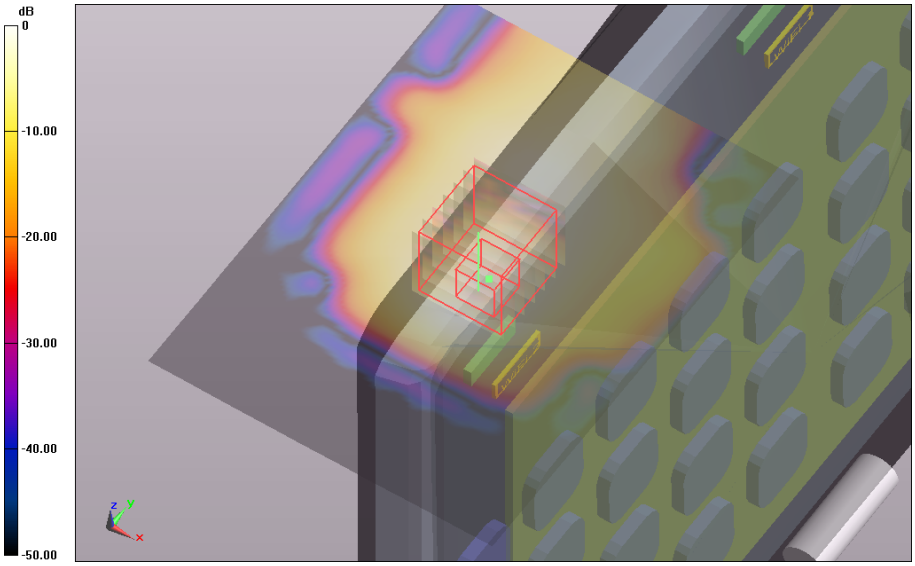
Test Lab: EMCTech Test File: M141024 Tablet 5600 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5600 MHz Antenna B (2) 22-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 6.05 S/m; ε_r = 47.5; ρ = 1000.0g/cm^3
Phantom section: Flat Section

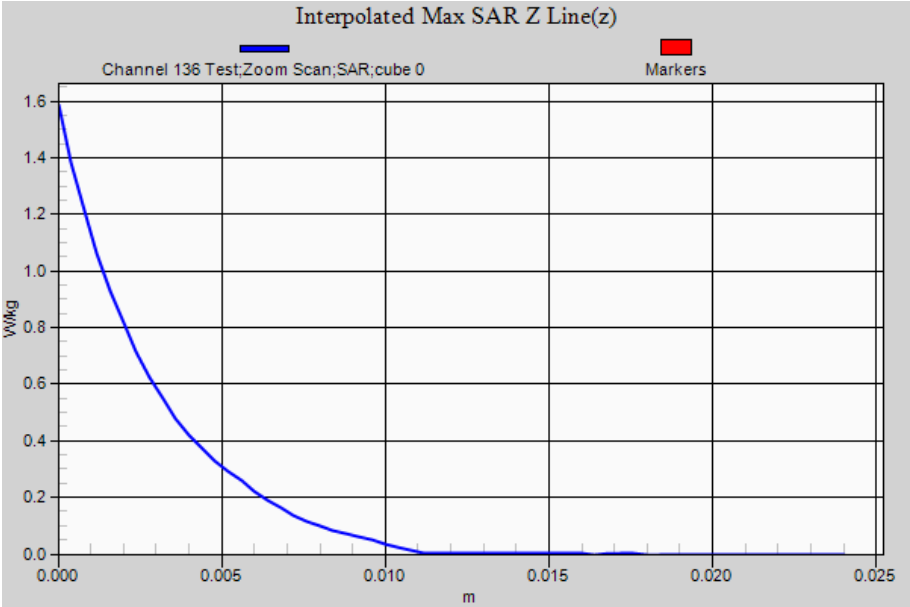
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5600 MHz Antenna B (2) 22-10-14/Channel 136 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.784 W/kg
Edge 2 OFDM 5600 MHz Antenna B (2) 22-10-14/Channel 136 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 7.525 V/m; **Power Drift = -0.15 dB**
Averaged SAR: SAR(1g) = 0.398 W/kg; SAR(10g) = 0.131 W/kg
Maximum value of SAR (interpolated) = 1.590 W/kg



0 dB = 0.784 W/kg = -1.06 dBW/kg

SAR Measurement Plot 16



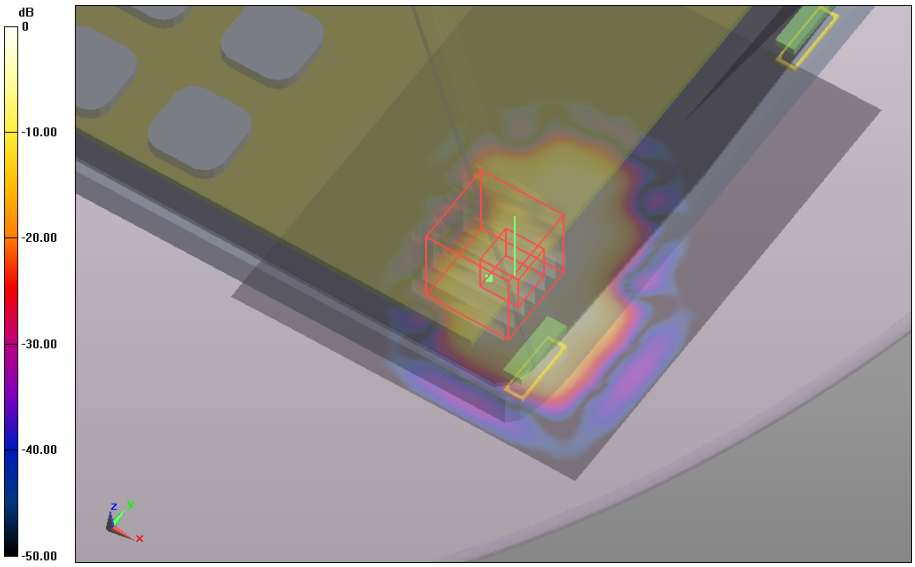
Test Lab: EMCTech Test File: M141024 Tablet 5600 MHz WLAN 11a.da52:8

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Lap Held OFDM 5600 MHz Antenna B (2) 22-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.87 S/m; ε_r = 47.8; ρ = 1000.0g/cm^3
Phantom section: Flat Section

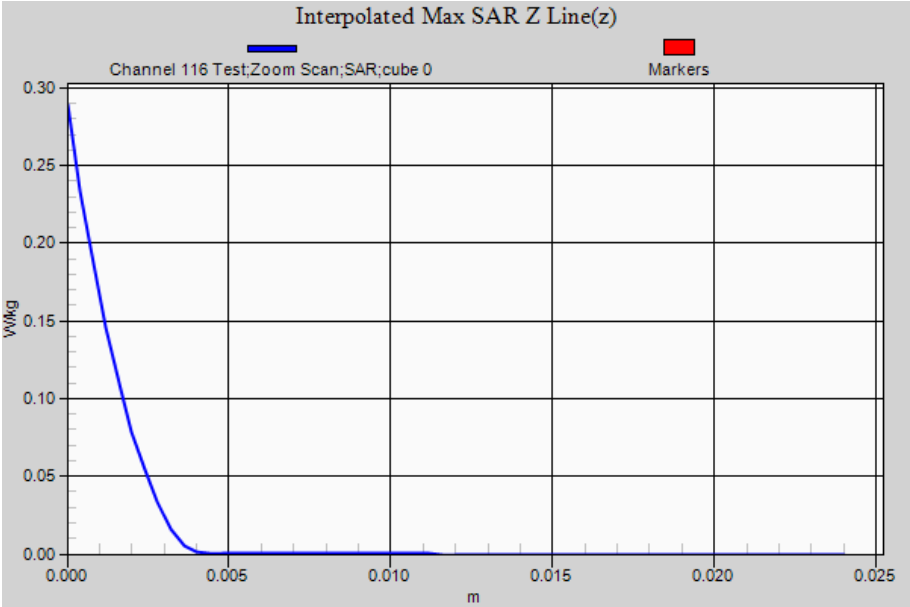
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Lap Held OFDM 5600 MHz Antenna B (2) 22-10-14/Channel 116 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.199 W/kg
Lap Held OFDM 5600 MHz Antenna B (2) 22-10-14/Channel 116 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 2.847 V/m; **Power Drift = -0.15 dB**
Averaged SAR: SAR(1g) = 0.062 W/kg; SAR(10g) = 0.019 W/kg
Maximum value of SAR (interpolated) = 0.289 W/kg



0 dB = 0.199 W/kg = -7.01 dBW/kg

SAR Measurement Plot 17



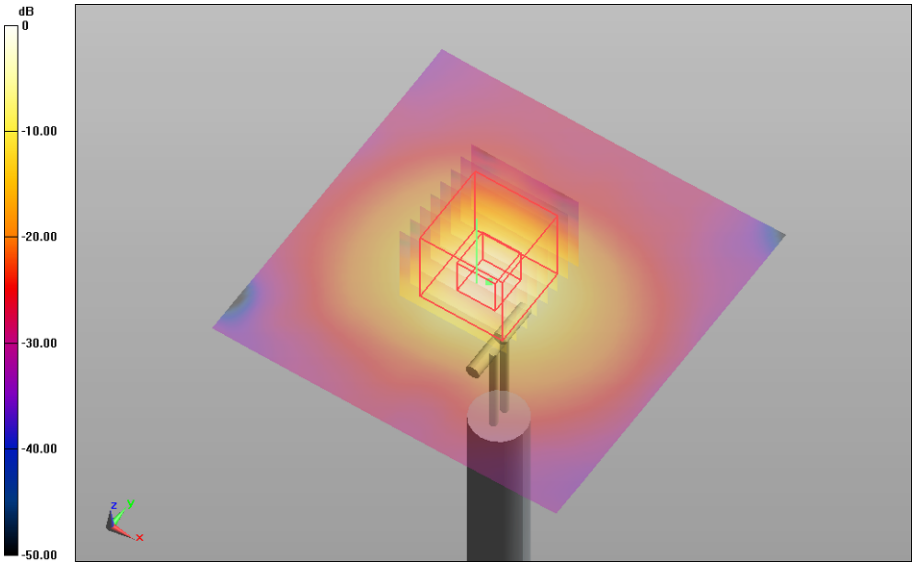
Test Lab: EMCTech Test File: M141024 Tablet 5600 MHz WLAN 11a.da52:9

DUT Name: Dipole 5200_5800 MHz, Type: D5GHzV2, Serial: 1008

Configuration: System Performance Check with D5GHzV2 Dipole (uniform grid) 22-10-14
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; σ = 5.74 S/m; ε_r = 48.0; ρ = 1000.0g/cm^3
Phantom section: Flat Section

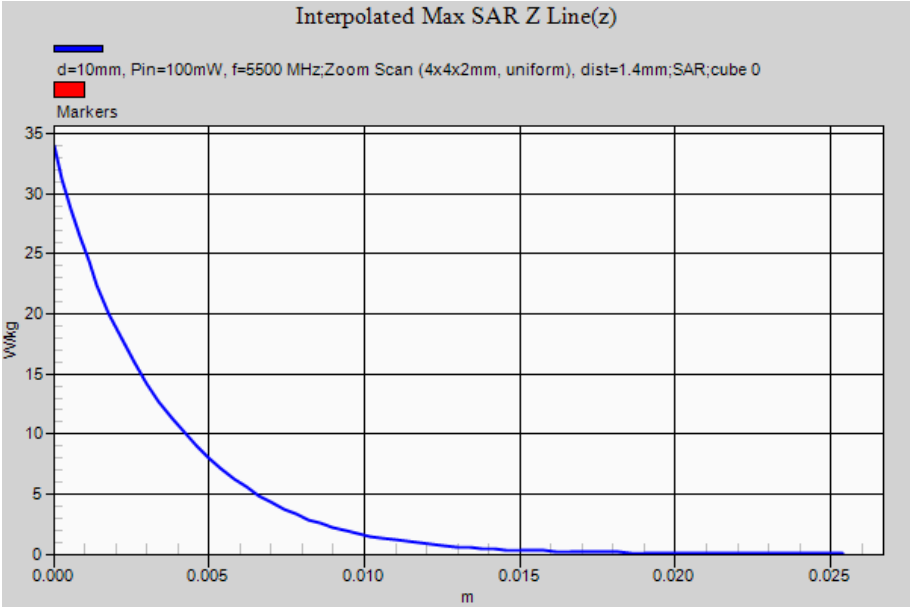
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.06,3.06,3.06); Calibrated: 17/12/2013;
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI v4.0 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1101
DASY52 52.8.8(1222); SEMCAD X Version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

System Performance Check with D5GHzV2 Dipole (uniform grid) 22-10-14/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) = 21.700 W/kg
System Performance Check with D5GHzV2 Dipole (uniform grid) 22-10-14/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 = 69.928 V/m; **Power Drift = 0.08 dB**
Averaged SAR: SAR(1g) = 8.890 W/kg; SAR(10g) = 2.480 W/kg
Maximum value of SAR (interpolated) = 34.000 W/kg



0 dB = 21.7 W/kg = 13.36 dBW/kg

SAR Measurement Plot 18



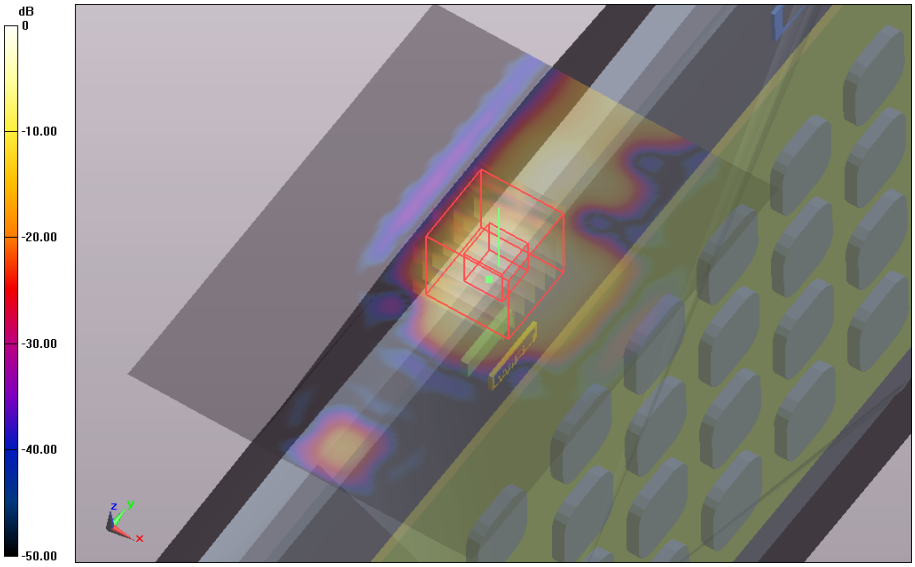
Test Lab: EMCTech Test File: M141024 Tablet 5800 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5800 MHz Antenna A (1) 21-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.88 S/m; ε_r = 47.2; ρ = 1000.0g/cm^3
Phantom section: Flat Section

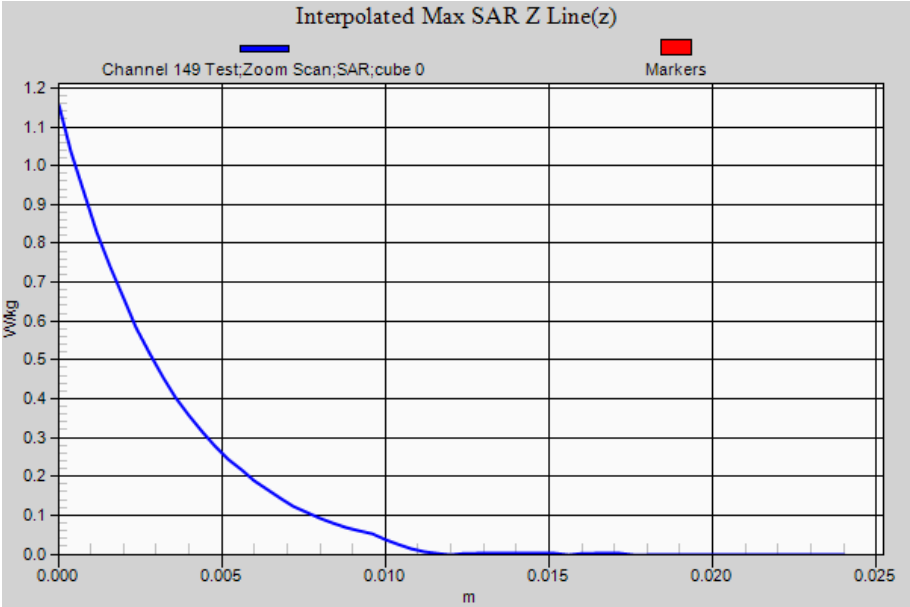
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5800 MHz Antenna A (1) 21-10-14/Channel 149 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.686 W/kg
Edge 2 OFDM 5800 MHz Antenna A (1) 21-10-14/Channel 149 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 4.907 V/m; **Power Drift = -0.18 dB**
Averaged SAR: SAR(1g) = 0.318 W/kg; SAR(10g) = 0.090 W/kg
Maximum value of SAR (interpolated) = 1.160 W/kg



0 dB = 0.686 W/kg = -1.64 dBW/kg

SAR Measurement Plot 19



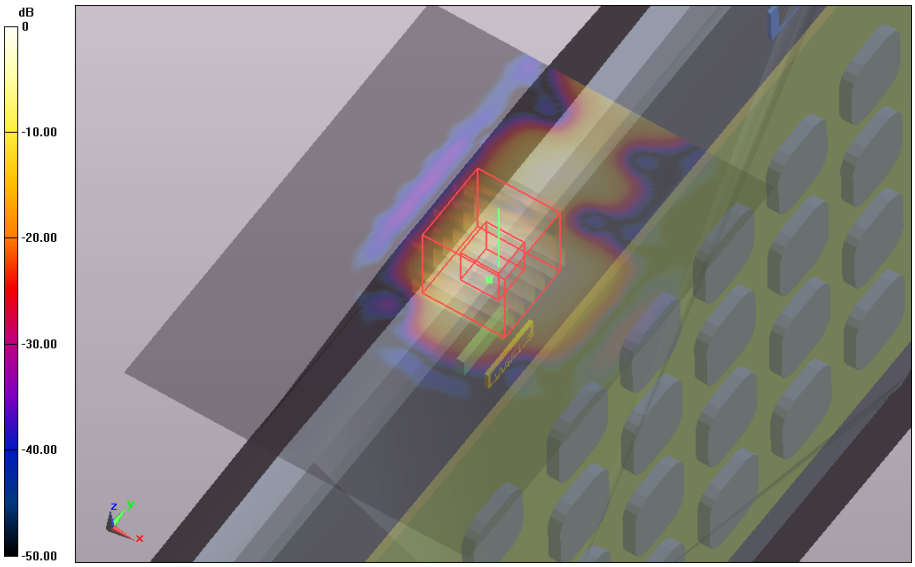
Test Lab: EMCTech Test File: M141024 Tablet 5800 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5800 MHz Antenna A (1) 21-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.95 S/m; ε_r = 47.0; ρ = 1000.0g/cm^3
Phantom section: Flat Section

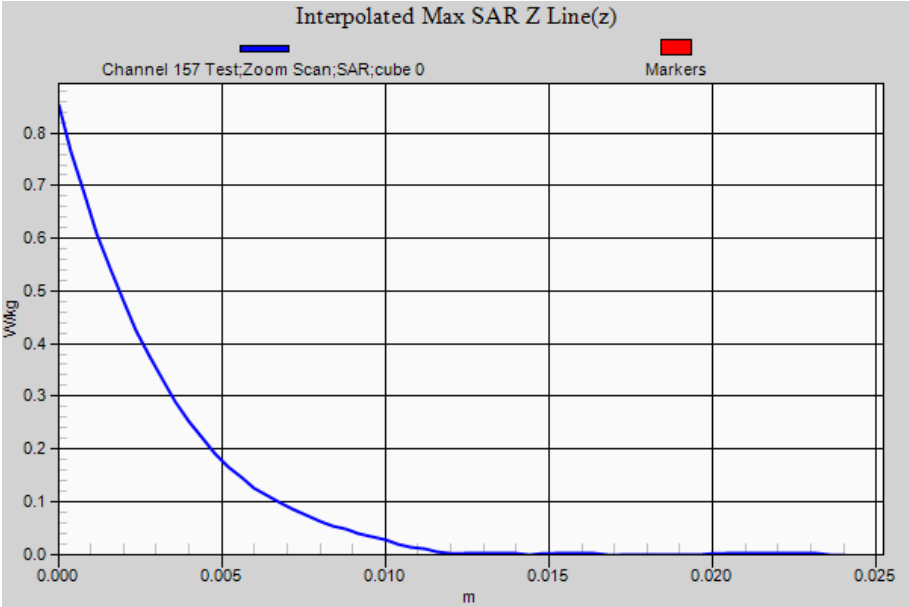
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5800 MHz Antenna A (1) 21-10-14/Channel 157 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.523 W/kg
Edge 2 OFDM 5800 MHz Antenna A (1) 21-10-14/Channel 157 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 4.145 V/m; **Power Drift = -0.08 dB**
Averaged SAR: SAR(1g) = 0.226 W/kg; SAR(10g) = 0.064 W/kg
Maximum value of SAR (interpolated) = 0.853 W/kg



0 dB = 0.523 W/kg = -2.81 dBW/kg

SAR Measurement Plot 20



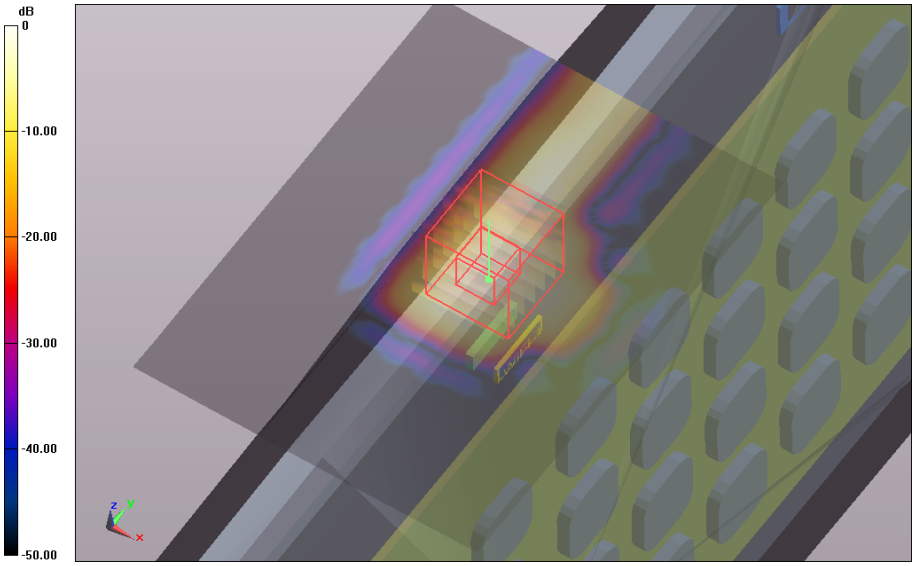
Test Lab: EMCTech Test File: M141024 Tablet 5800 MHz WLAN 11a.da52:4

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5800 MHz Antenna A (1) 21-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 6.00 S/m; ε_r = 47.0; ρ = 1000.0g/cm^3
Phantom section: Flat Section

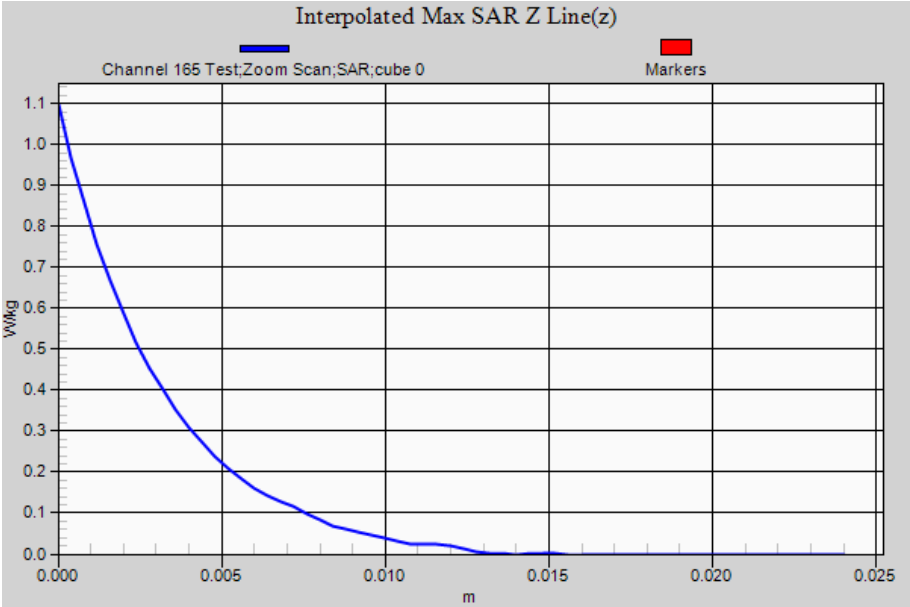
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5800 MHz Antenna A (1) 21-10-14/Channel 165 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.623 W/kg
Edge 2 OFDM 5800 MHz Antenna A (1) 21-10-14/Channel 165 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 5.808 V/m; **Power Drift = -0.02 dB**
Averaged SAR: SAR(1g) = 0.278 W/kg; SAR(10g) = 0.081 W/kg
Maximum value of SAR (interpolated) = 1.100 W/kg



0 dB = 0.623 W/kg = -2.06 dBW/kg

SAR Measurement Plot 21



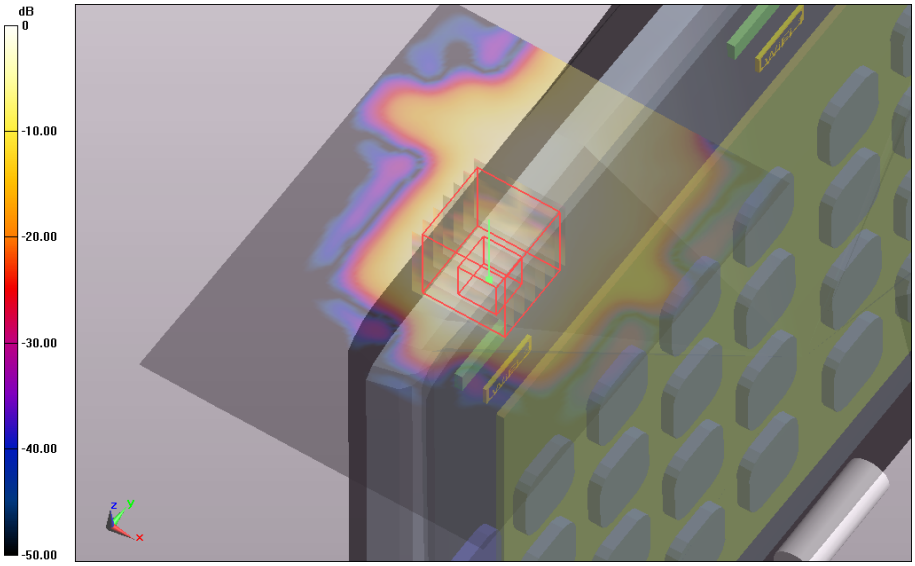
Test Lab: EMCTech Test File: M141024 Tablet 5800 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5800 MHz Antenna B (2) 21-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.88 S/m; ε_r = 47.2; ρ = 1000.0g/cm^3
Phantom section: Flat Section

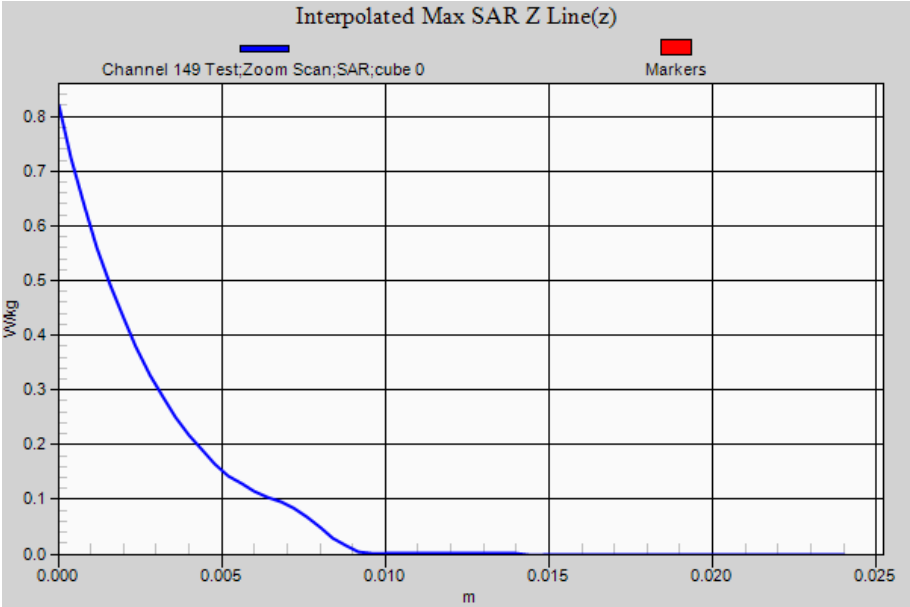
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5800 MHz Antenna B (2) 21-10-14/Channel 149 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.426 W/kg
Edge 2 OFDM 5800 MHz Antenna B (2) 21-10-14/Channel 149 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 4.983 V/m; **Power Drift = 0.14 dB**
Averaged SAR: SAR(1g) = 0.201 W/kg; SAR(10g) = 0.067 W/kg
Maximum value of SAR (interpolated) = 0.820 W/kg



0 dB = 0.426 W/kg = -3.71 dBW/kg

SAR Measurement Plot 22



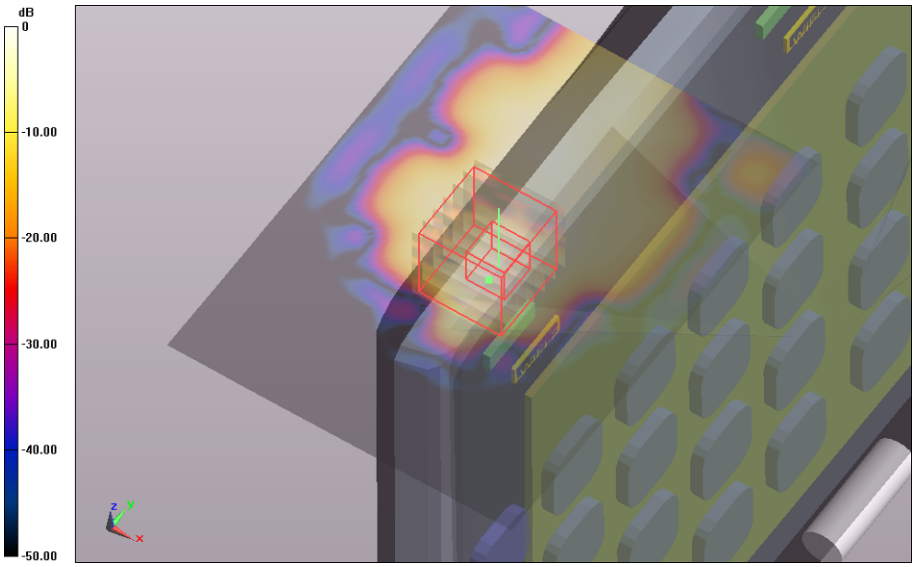
Test Lab: EMCTech Test File: M141024 Tablet 5800 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5800 MHz Antenna B (2) 21-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.95 S/m; ε_r = 47.0; ρ = 1000.0g/cm^3
Phantom section: Flat Section

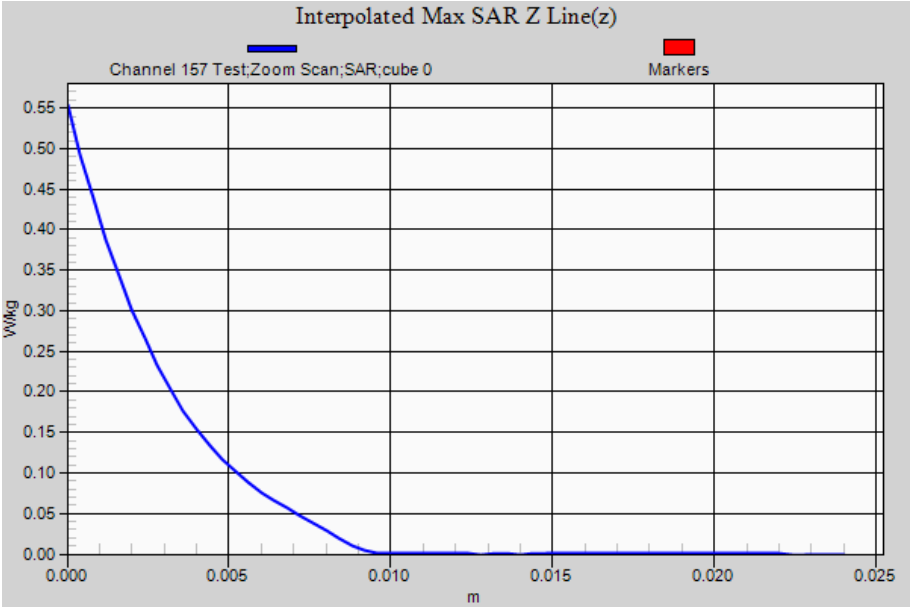
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5800 MHz Antenna B (2) 21-10-14/Channel 157 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.374 W/kg
Edge 2 OFDM 5800 MHz Antenna B (2) 21-10-14/Channel 157 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 4.914 V/m; **Power Drift = -0.21 dB**
Averaged SAR: SAR(1g) = 0.139 W/kg; SAR(10g) = 0.042 W/kg
Maximum value of SAR (interpolated) = 0.554 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

SAR Measurement Plot 23



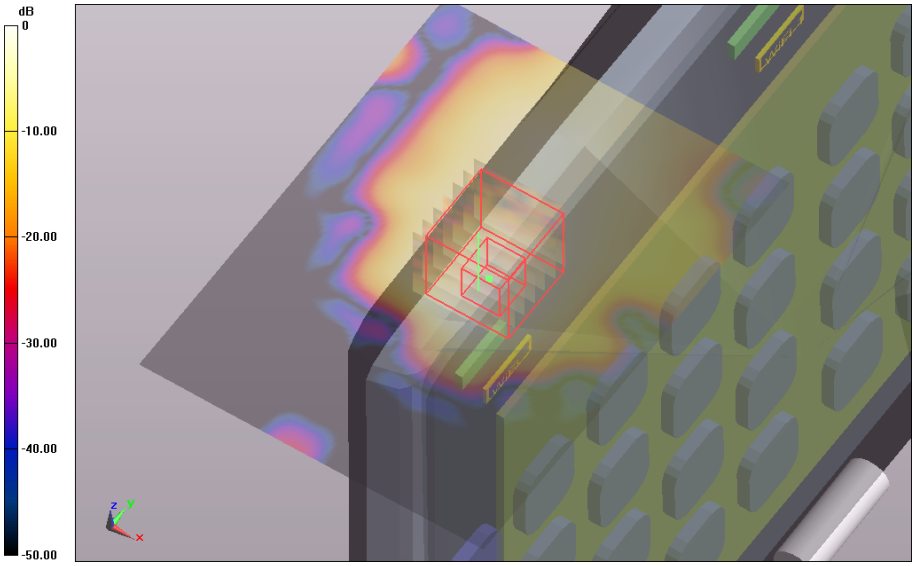
Test Lab: EMCTech Test File: M141024 Tablet 5800 MHz WLAN 11a.da52:5

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Edge 2 OFDM 5800 MHz Antenna B (2) 21-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 6.00 S/m; ε_r = 47.0; ρ = 1000.0g/cm^3
Phantom section: Flat Section

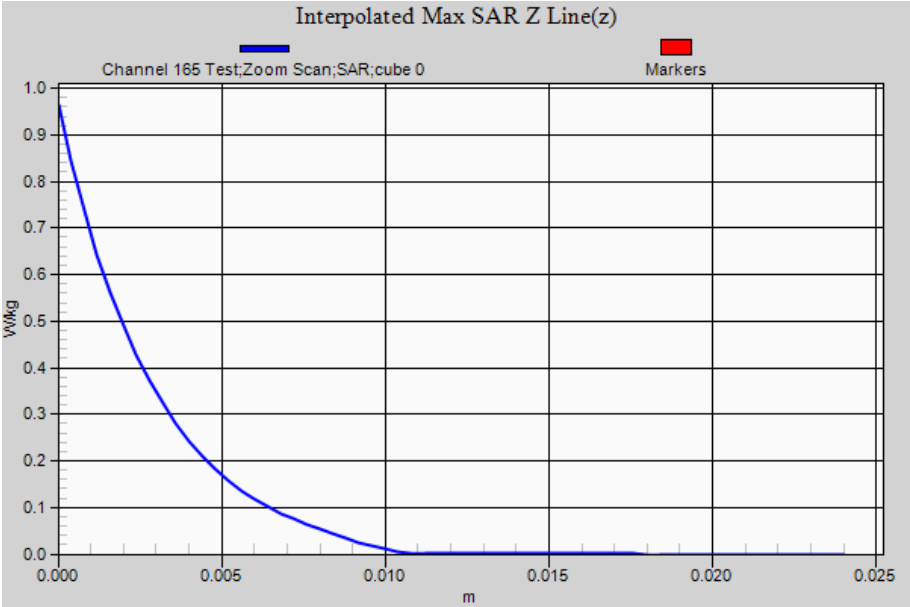
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Edge 2 OFDM 5800 MHz Antenna B (2) 21-10-14/Channel 165 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.495 W/kg
Edge 2 OFDM 5800 MHz Antenna B (2) 21-10-14/Channel 165 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 5.229 V/m; **Power Drift = -0.06 dB**
Averaged SAR: SAR(1g) = 0.238 W/kg; SAR(10g) = 0.078 W/kg
Maximum value of SAR (interpolated) = 0.964 W/kg



0 dB = 0.495 W/kg = -3.05 dBW/kg

SAR Measurement Plot 24



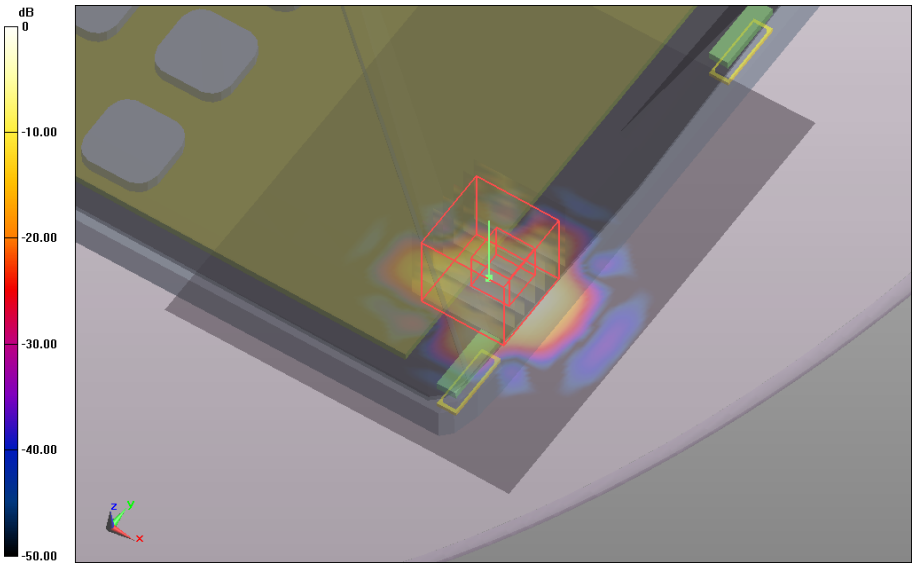
Test Lab: EMCTech Test File: M141024 Tablet 5800 MHz WLAN 11a.da52:8

DUT Name: Fujitsu Tablet Trust with Intel WLAN, Type: 7265NGW, Serial: WMF: 605718005785

Configuration: Lap Held OFDM 5800 MHz Antenna B (2) 21-10-14
Communication System: 0 - OFDM 5 GHz 6 Mbs (0); 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; σ = 5.95 S/m; ε_r = 47.0; ρ = 1000.0g/cm^3
Phantom section: Flat Section

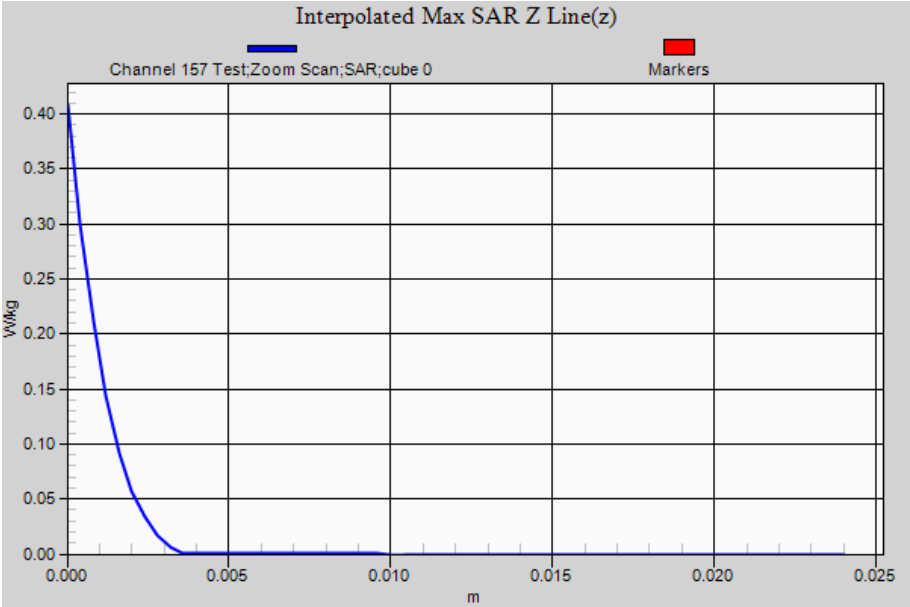
DASY Configuration:
Probe: EX3DV4 - SN3657; ConvF: (3.31,3.31,3.31); Calibrated: 17/12/2013;
Sensor-Surface: 2 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 10/12/2013
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Lap Held OFDM 5800 MHz Antenna B (2) 21-10-14/Channel 157 Test/Area Scan (91x121x1): Interpolated grid: dx=1.0 mm, dy=1.0 mm; Maximum value of SAR (interpolated) = 0.216 W/kg
Lap Held OFDM 5800 MHz Antenna B (2) 21-10-14/Channel 157 Test/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.8 mm, dy=0.8 mm, dz=0.4 mm; Reference Value = 1.901 V/m; **Power Drift = 0.09 dB**
Averaged SAR: SAR(1g) = 0.040 W/kg; SAR(10g) = 0.013 W/kg
Maximum value of SAR (interpolated) = 0.408 W/kg



0 dB = 0.216 W/kg = -6.66 dBW/kg

SAR Measurement Plot 25



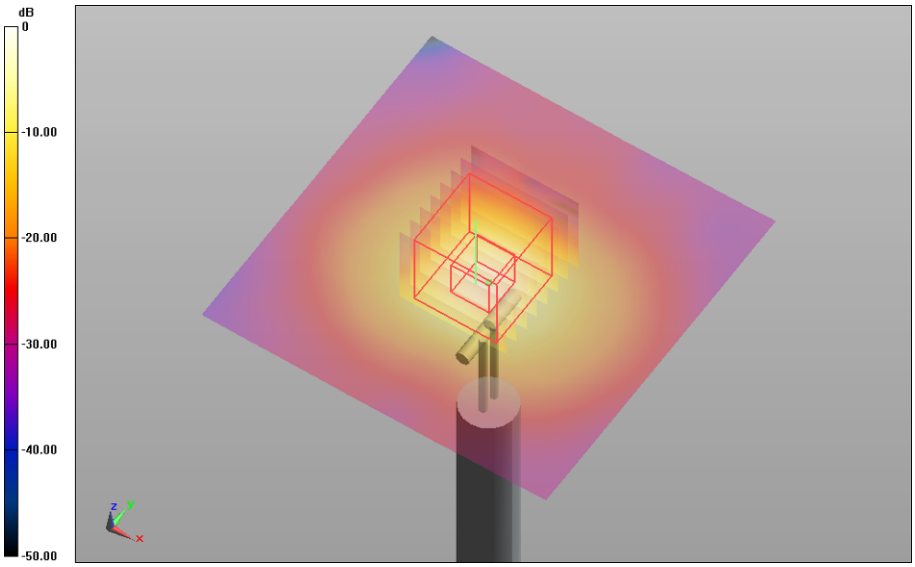
Test Lab: EMCTech Test File: M141024 Tablet 5800 MHz WLAN 11a.da52:9

DUT Name: Dipole 5200_5800 MHz, Type: D5GHzV2, Serial: 1008

Configuration: System Performance Check with D5GHzV2 Dipole (uniform grid) 21-10-14
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; σ = 5.98 S/m; ε_r = 47.0; ρ = 1000.0g/cm^3
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) 21-10-14/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) = 19.800 W/kg
System Performance Check with D5GHzV2 Dipole (uniform grid) 21-10-14/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 = 62.605 V/m; **Power Drift = 0.09 dB**
Averaged SAR: SAR(1g) = 8.350 W/kg; SAR(10g) = 2.320 W/kg
Maximum value of SAR (interpolated) = 31.900 W/kg



0 dB = 19.8 W/kg = 12.97 dBW/kg

SAR Measurement Plot 26