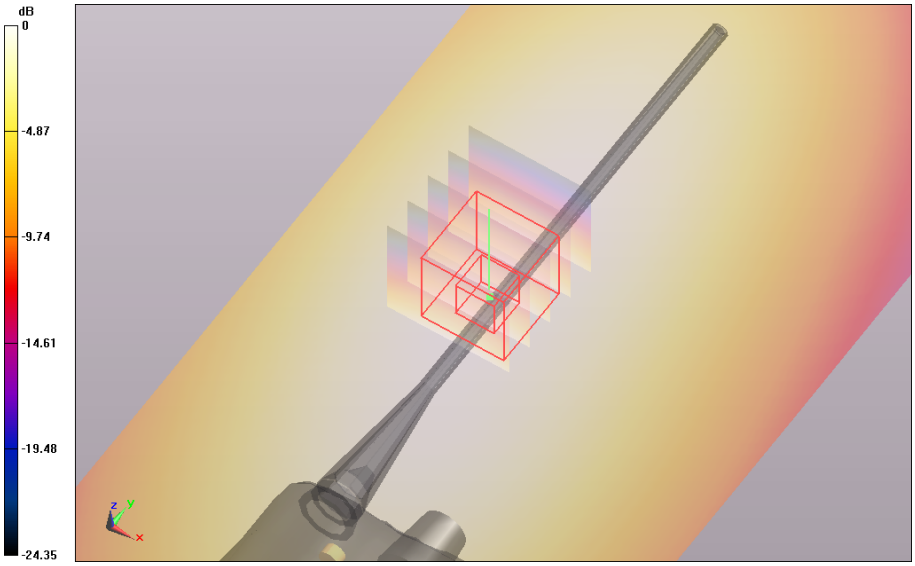
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Whip FCC.da52:13

DUT Name: Tait PTT Transceiver, Type: TPDH5A, Serial: 25452380

Configuration: Body Soft Leather Case Battery Clip 4 Key DEAA Audio Accessory 11-06-13
Communication System: 0 - n/a - CW; Communication System Band: Tait 450 MHz; Frequency: 438.1 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00
Medium Parameters used: f=438 MHz; σ = 0.94 S/m; ε_r = 55.9; ρ = 1.0g/cm^3
Phantom section: Flat Section

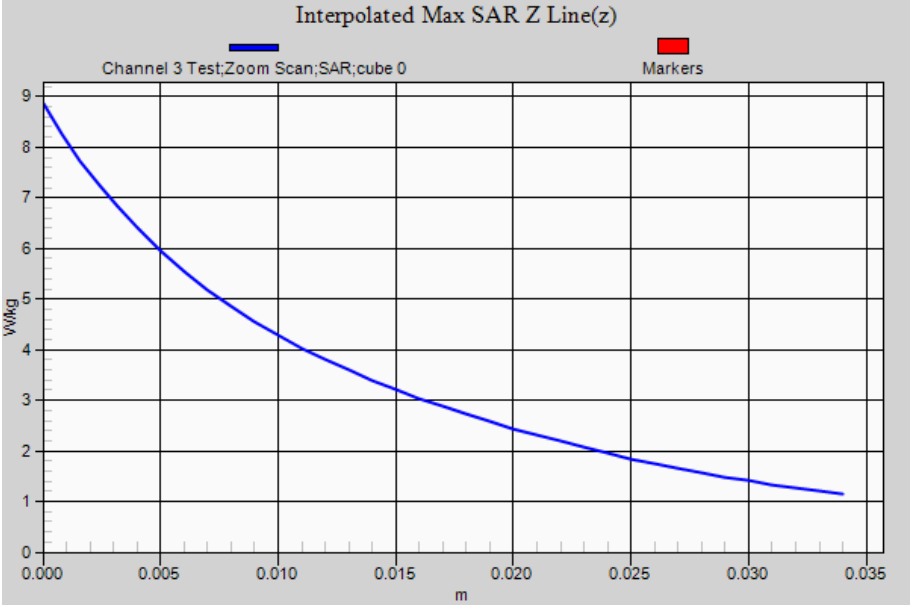
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Body Soft Leather Case Battery Clip 4 Key DEAA Audio Accessory 11-06-13/Channel 3 Test/Area Scan (81x221x1): Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 6.210 W/kg
Body Soft Leather Case Battery Clip 4 Key DEAA Audio Accessory 11-06-13/Channel 3 Test/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 66.874 V/m; **Power Drift = -0.16 dB**
Averaged SAR: SAR(1g) = 6.110 W/kg; SAR(10g) = 4.390 W/kg
Maximum value of SAR (interpolated) = 8.850 W/kg



0 dB = 6.21 W/kg = 7.93 dBW/kg

SAR Measurement Plot 19



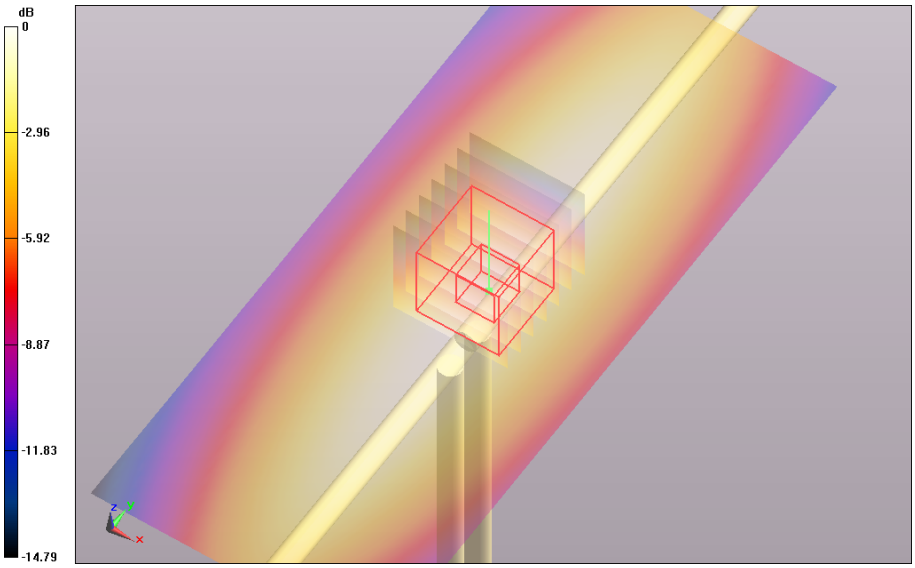
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Whip FCC.da52:14

DUT Name: Dipole 450 MHz, Type: D450V3, Serial: 1074

Configuration: System Check 06-06-13
Communication System: 0 - n/a - CW 450 MHz; Communication System Band: **CW**; Frequency: 450.0 MHz, Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00
Medium Parameters used: f=450 MHz; σ = 0.96 S/m; ε_r = 56.3; ρ = 1.0g/cm^3
Phantom section: Flat Section

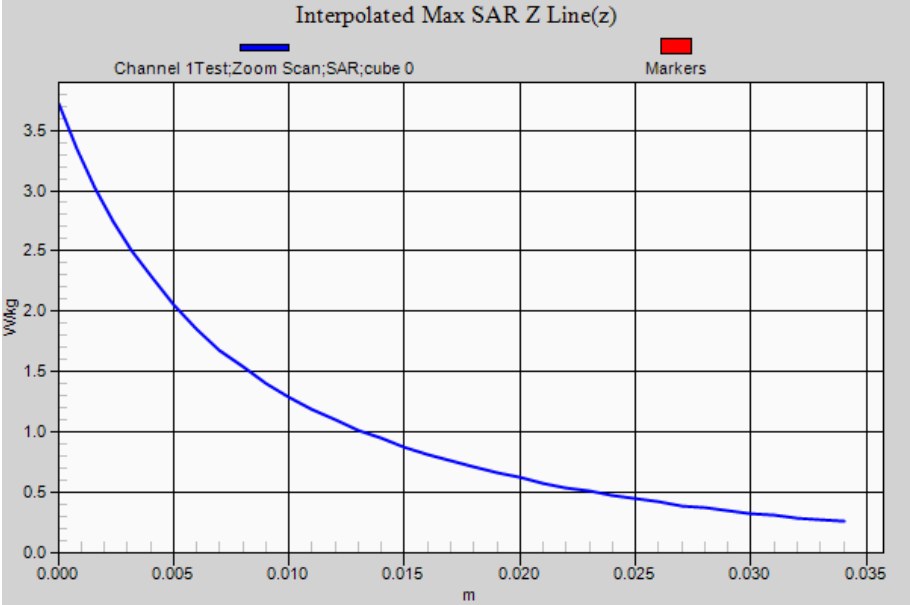
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

System Check 06-06-13/Channel 1Test/Area Scan (51x121x1): Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 2.270 W/kg
System Check 06-06-13/Channel 1Test/Zoom Scan (31x31x36)/Cube 0: Interpolated grid: dx=1.0 mm, dy=1.0 mm, dz=1.0 mm; Reference Value = 50.736 V/m; **Power Drift = -0.36 dB**
Averaged SAR: SAR(1g) = 2.120 W/kg; SAR(10g) = 1.330 W/kg
Maximum value of SAR (interpolated) = 3.720 W/kg



0 dB = 2.27 W/kg = 3.56 dBW/kg

SAR Measurement Plot 20



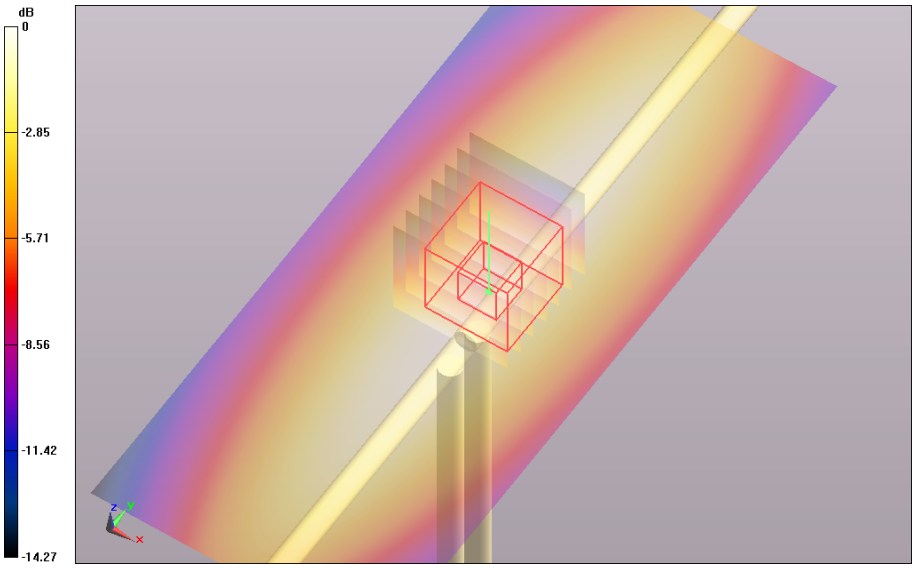
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Whip FCC.da52:15

DUT Name: Dipole 450 MHz, Type: D450V3, Serial: 1074

Configuration: System Check 07-06-13
Communication System: 0 - n/a - CW 450 MHz; Communication System Band: **CW**; Frequency: 450.0 MHz, Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00
Medium Parameters used: f=450 MHz; σ = 0.96 S/m; ε_r = 56.9; ρ = 1.0g/cm^3
Phantom section: Flat Section

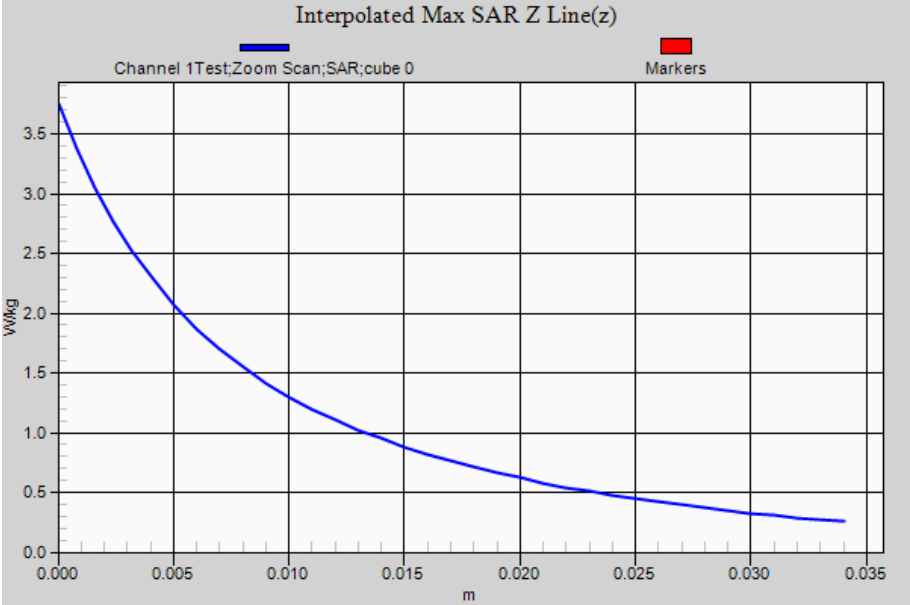
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

System Check 07-06-13/Channel 1Test/Area Scan (51x121x1): Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 2.220 W/kg
System Check 07-06-13/Channel 1Test/Zoom Scan (31x31x36)/Cube 0: Interpolated grid: dx=1.0 mm, dy=1.0 mm, dz=1.0 mm; Reference Value = 48.383 V/m; **Power Drift = -0.01 dB**
Averaged SAR: SAR(1g) = 2.140 W/kg; SAR(10g) = 1.340 W/kg
Maximum value of SAR (interpolated) = 3.750 W/kg



0 dB = 2.22 W/kg = 3.46 dBW/kg

SAR Measurement Plot 21



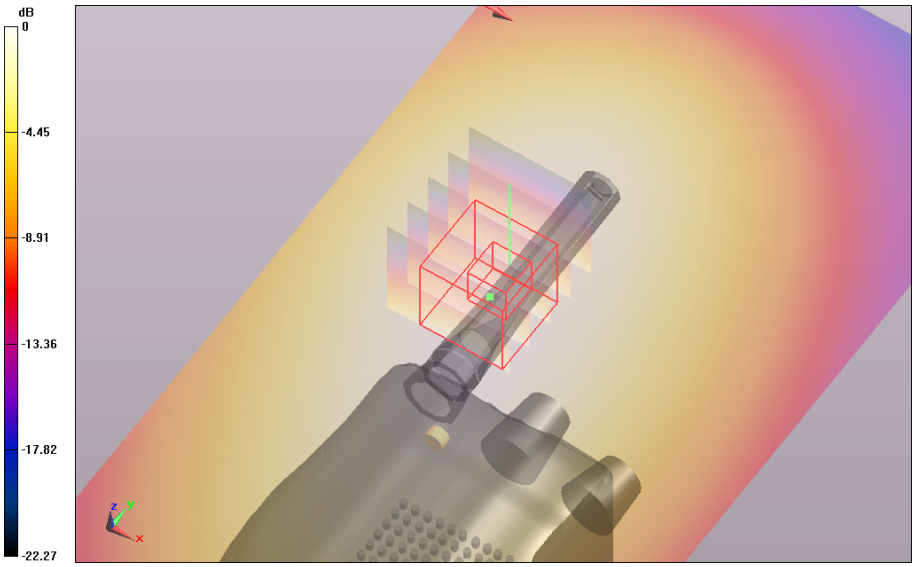
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Helical FCC.da52:0

DUT Name: Tait PTT Transceiver, Type: TPDH5A, Serial: 25452380

Configuration: Body Battery Clip 16 Key 07-06-13
Communication System: 0 - n/a - CW; Communication System Band: Tait 450 MHz; Frequency: 438.1 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00
Medium Parameters used: f=438 MHz; σ = 0.95 S/m; ε_r = 57.2; ρ = 1.0g/cm^3
Phantom section: Flat Section

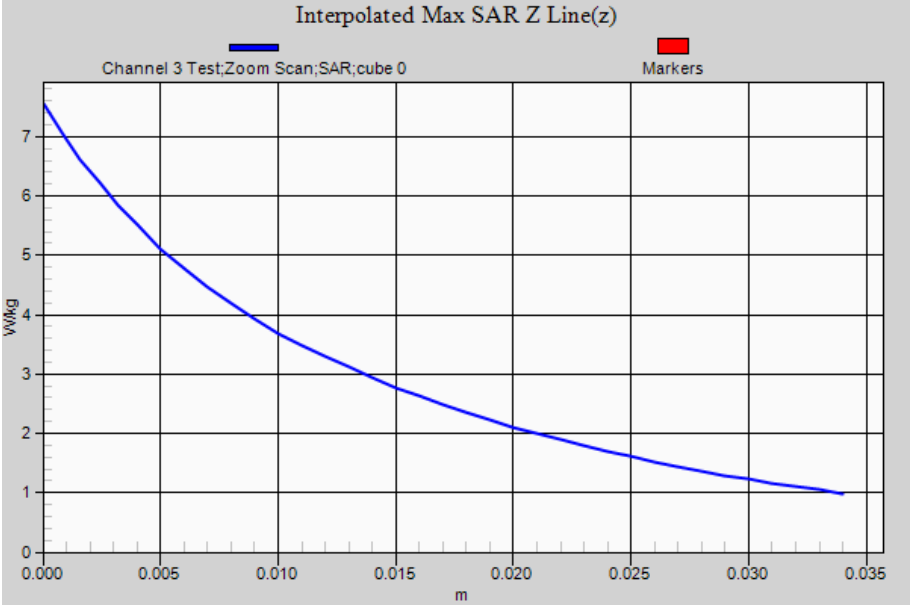
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Body Battery Clip 16 Key 07-06-13/Channel 3 Test/Area Scan (81x181x1): Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 5.560 W/kg
Body Battery Clip 16 Key 07-06-13/Channel 3 Test/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 61.854 V/m; **Power Drift = -0.10 dB**
Averaged SAR: SAR(1g) = 5.240 W/kg; SAR(10g) = 3.810 W/kg
Maximum value of SAR (interpolated) = 7.550 W/kg



0 dB = 5.56 W/kg = 7.45 dBW/kg

SAR Measurement Plot 22



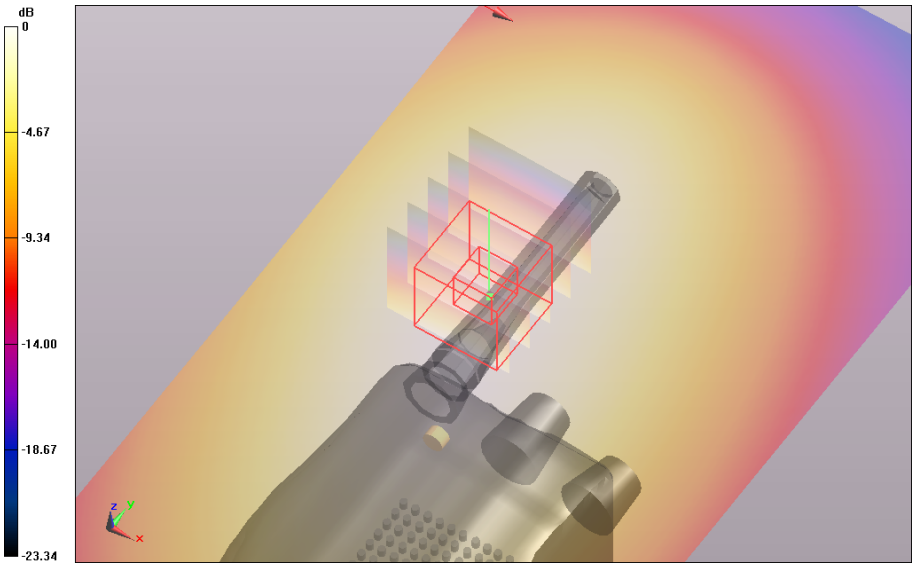
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Helical FCC.da52:1

DUT Name: Tait PTT Transceiver, Type: TPDH5A, Serial: 25452380

Configuration: Body Nylon Case Battery Clip 16 Key 07-06-13
Communication System: 0 - n/a - CW; Communication System Band: Tait 450 MHz; Frequency: 438.1 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00
Medium Parameters used: f=438 MHz; σ = 0.95 S/m; ε_r = 57.2; ρ = 1.0g/cm^3
Phantom section: Flat Section

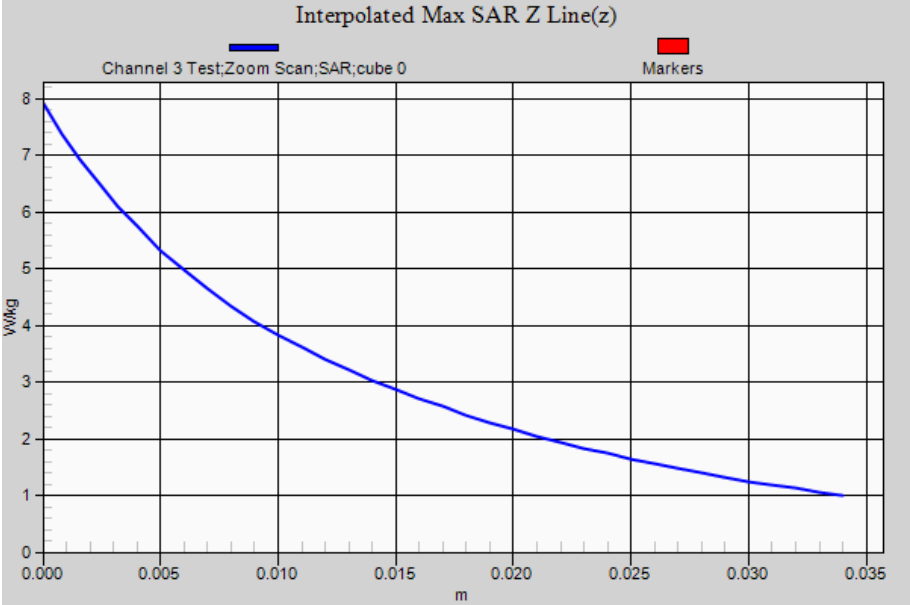
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Body Nylon Case Battery Clip 16 Key 07-06-13/Channel 3 Test/Area Scan (81x181x1): Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 5.830 W/kg
Body Nylon Case Battery Clip 16 Key 07-06-13/Channel 3 Test/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 61.098 V/m; **Power Drift = -0.11 dB**
Averaged SAR: SAR(1g) = 5.470 W/kg; SAR(10g) = 3.940 W/kg
Maximum value of SAR (interpolated) = 7.910 W/kg



0 dB = 5.83 W/kg = 7.66 dBW/kg

SAR Measurement Plot 23



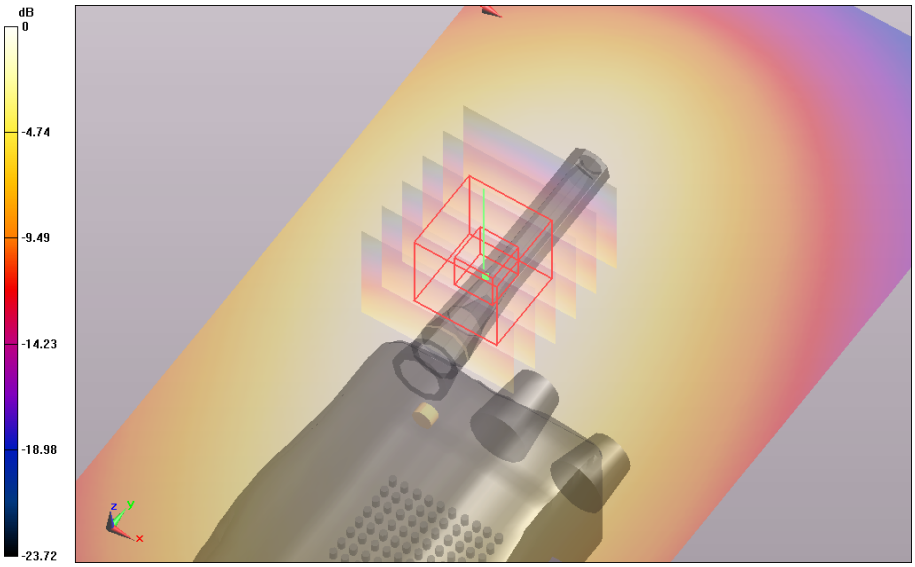
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Helical FCC.da52:2

DUT Name: Tait PTT Transceiver, Type: TPDH5A, Serial: 25452380

Configuration: Body Nylon Case Belt Loop 16 Key 07-06-13
Communication System: 0 - n/a - CW; Communication System Band: Tait 450 MHz; Frequency: 438.1 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00
Medium Parameters used: f=438 MHz; σ = 0.95 S/m; ε_r = 57.2; ρ = 1.0g/cm^3
Phantom section: Flat Section

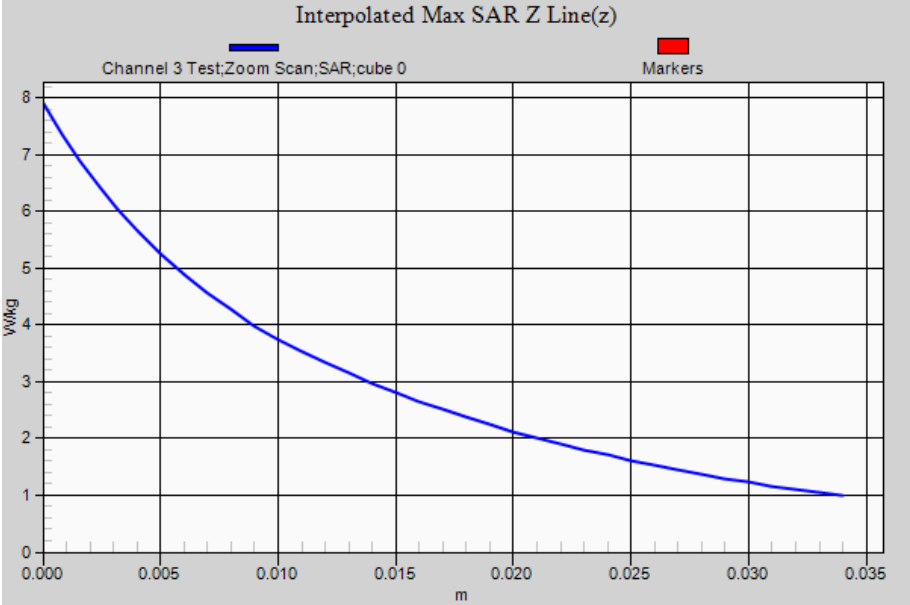
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Body Nylon Case Belt Loop 16 Key 07-06-13/Channel 3 Test/Area Scan (81x181x1): Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 5.660 W/kg
Body Nylon Case Belt Loop 16 Key 07-06-13/Channel 3 Test/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 63.091 V/m; **Power Drift = -0.10 dB**
Averaged SAR: SAR(1g) = 5.380 W/kg; SAR(10g) = 3.850 W/kg
Maximum value of SAR (interpolated) = 7.890 W/kg



0 dB = 5.66 W/kg = 7.53 dBW/kg

SAR Measurement Plot 24



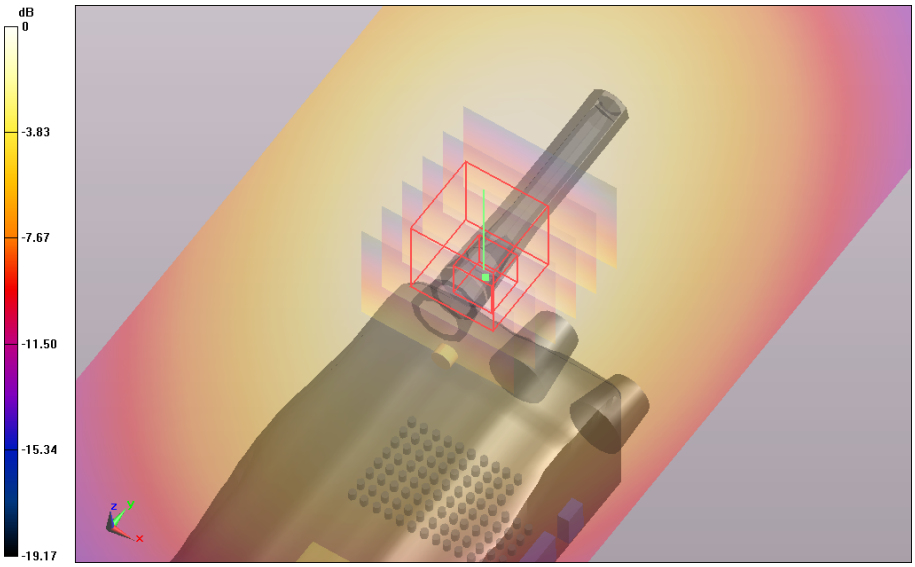
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Helical FCC.da52:3

DUT Name: Tait PTT Transceiver, Type: TPDH5A, Serial: 25452380

Configuration: Body Nylon Case D-Stud Spring Clip 16 Key 07-06-13
Communication System: 0 - n/a - CW; Communication System Band: Tait 450 MHz; Frequency: 438.1 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00
Medium Parameters used: f=438 MHz; σ = 0.95 S/m; ε_r = 57.2; ρ = 1.0g/cm^3
Phantom section: Flat Section

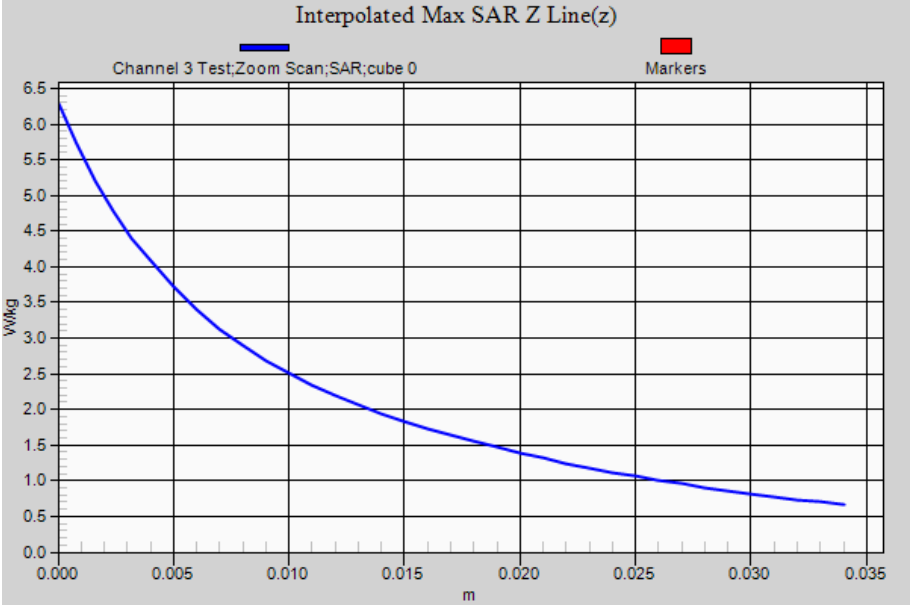
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Body Nylon Case D-Stud Spring Clip 16 Key 07-06-13/Channel 3 Test/Area Scan (81x181x1):
Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 4.300 W/kg
Body Nylon Case D-Stud Spring Clip 16 Key 07-06-13/Channel 3 Test/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 45.971 V/m; **Power Drift = -0.14 dB**
Averaged SAR: SAR(1g) = 3.860 W/kg; SAR(10g) = 2.620 W/kg
Maximum value of SAR (interpolated) = 6.280 W/kg



0 dB = 4.30 W/kg = 6.33 dBW/kg

SAR Measurement Plot 25



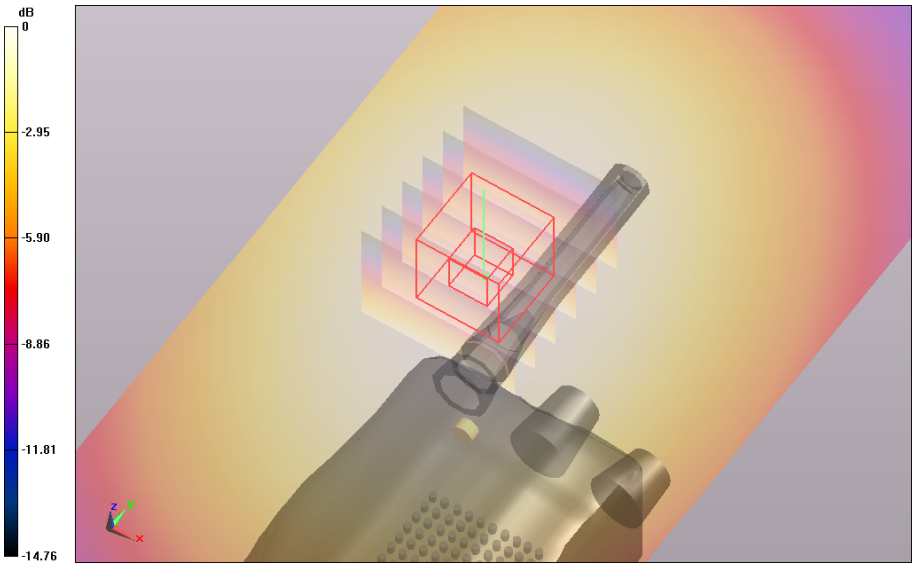
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Helical FCC.da52:4

DUT Name: Tait PTT Transceiver, Type: TPDH5A, Serial: 25452380

Configuration: Body Nylon Case D-Stud Belt Loop 16 Key 07-06-13
Communication System: 0 - n/a - CW; Communication System Band: Tait 450 MHz; Frequency: 438.1 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00
Medium Parameters used: f=438 MHz; σ = 0.95 S/m; ε_r = 57.2; ρ = 1.0g/cm^3
Phantom section: Flat Section

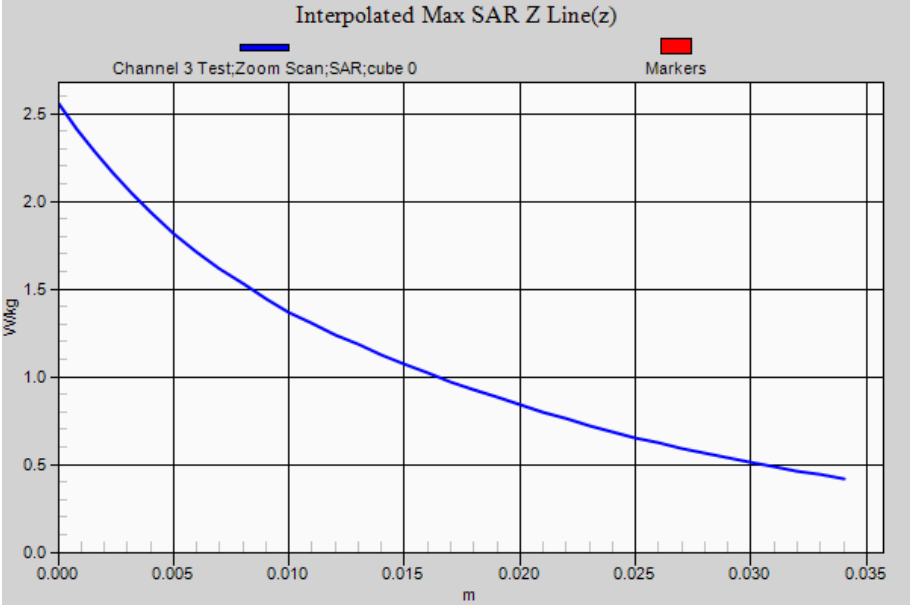
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Body Nylon Case D-Stud Belt Loop 16 Key 07-06-13/Channel 3 Test/Area Scan (81x181x1):
Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 1.930 W/kg
Body Nylon Case D-Stud Belt Loop 16 Key 07-06-13/Channel 3 Test/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 35.684 V/m; **Power Drift = -0.10 dB**
Averaged SAR: SAR(1g) = 1.850 W/kg; SAR(10g) = 1.390 W/kg
Maximum value of SAR (interpolated) = 2.550 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

SAR Measurement Plot 26



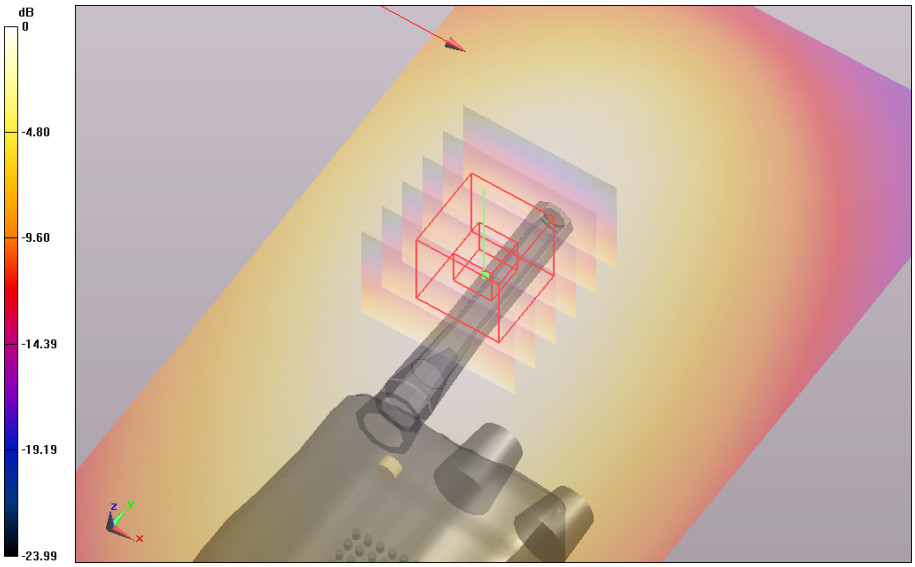
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Helical FCC.da52:5

DUT Name: Tait PTT Transceiver, Type: TPDH5A, Serial: 25452380

Configuration: Body Soft Leather Case Battery Clip 16 Key 07-06-13
Communication System: 0 - n/a - CW; Communication System Band: Tait 450 MHz; Frequency: 438.1 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00
Medium Parameters used: f=438 MHz; σ = 0.95 S/m; ε_r = 57.2; ρ = 1.0g/cm^3
Phantom section: Flat Section

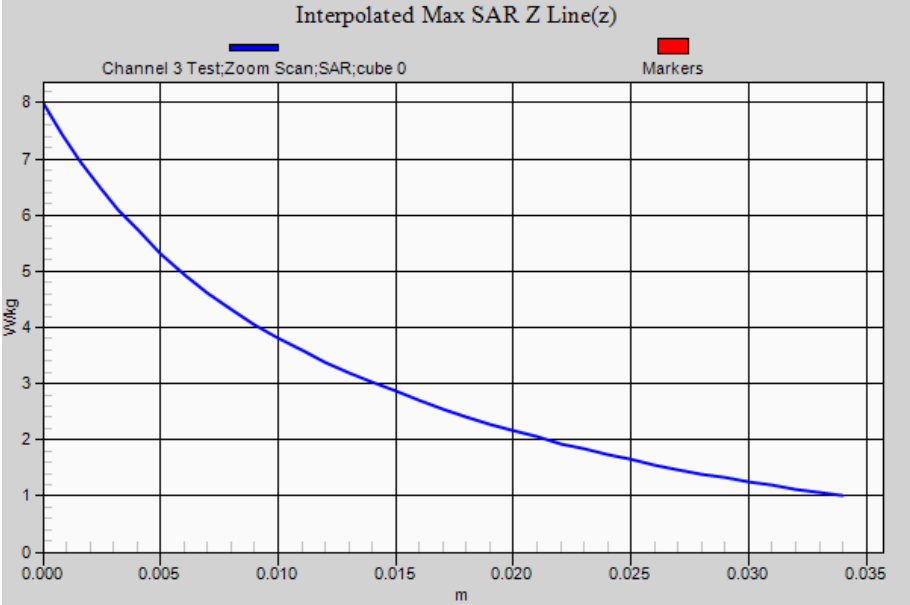
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Body Soft Leather Case Battery Clip 16 Key 07-06-13/Channel 3 Test/Area Scan (81x181x1):
Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 5.750 W/kg
Body Soft Leather Case Battery Clip 16 Key 07-06-13/Channel 3 Test/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 67.731 V/m; **Power Drift = -0.11 dB**
Averaged SAR: SAR(1g) = 5.460 W/kg; SAR(10g) = 3.910 W/kg
Maximum value of SAR (interpolated) = 7.980 W/kg



0 dB = 5.75 W/kg = 7.60 dBW/kg

SAR Measurement Plot 27



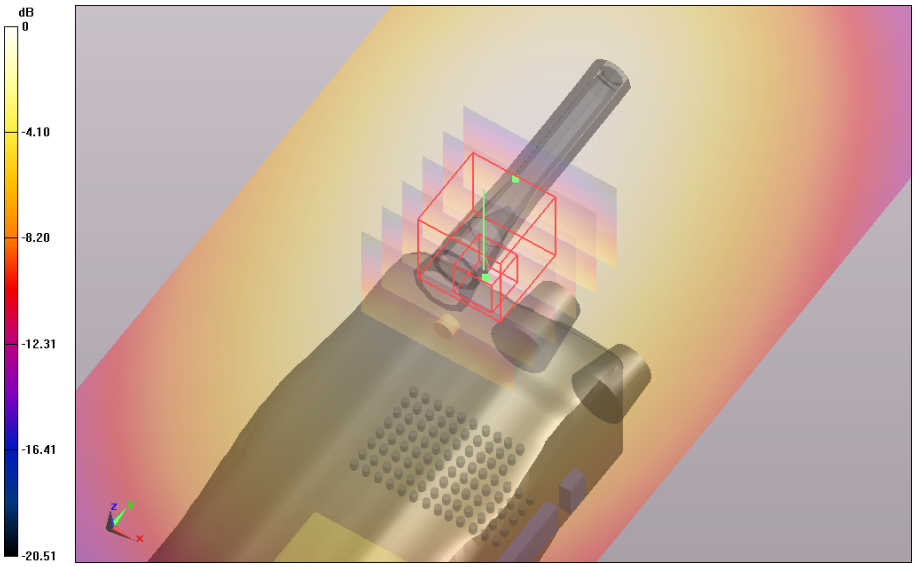
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Helical FCC.da52:6

DUT Name: Tait PTT Transceiver, Type: TPDH5A, Serial: 25452380

Configuration: Body Leather Case Spring Clip 16 Key 11-06-13
Communication System: 0 - n/a - CW; Communication System Band: Tait 450 MHz; Frequency: 438.1 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00
Medium Parameters used: f=438 MHz; σ = 0.94 S/m; ε_r = 55.9; ρ = 1.0g/cm^3
Phantom section: Flat Section

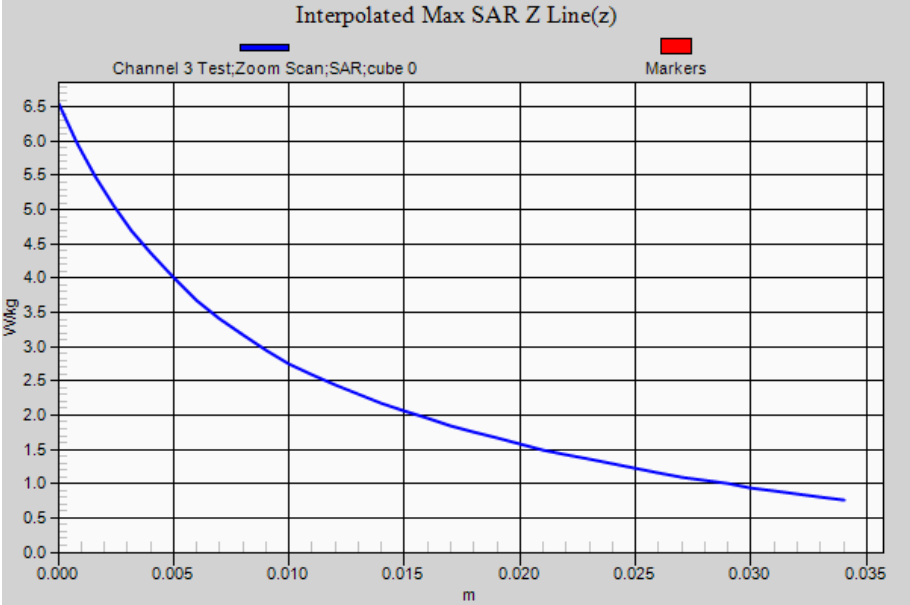
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Body Leather Case Spring Clip 16 Key 11-06-13/Channel 3 Test/Area Scan (81x181x1): Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 4.620 W/kg
Body Leather Case Spring Clip 16 Key 11-06-13/Channel 3 Test/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 54.495 V/m; **Power Drift = -0.15 dB**
Averaged SAR: SAR(1g) = 4.140 W/kg; SAR(10g) = 2.910 W/kg
Maximum value of SAR (interpolated) = 6.540 W/kg



0 dB = 4.62 W/kg = 6.65 dBW/kg

SAR Measurement Plot 28



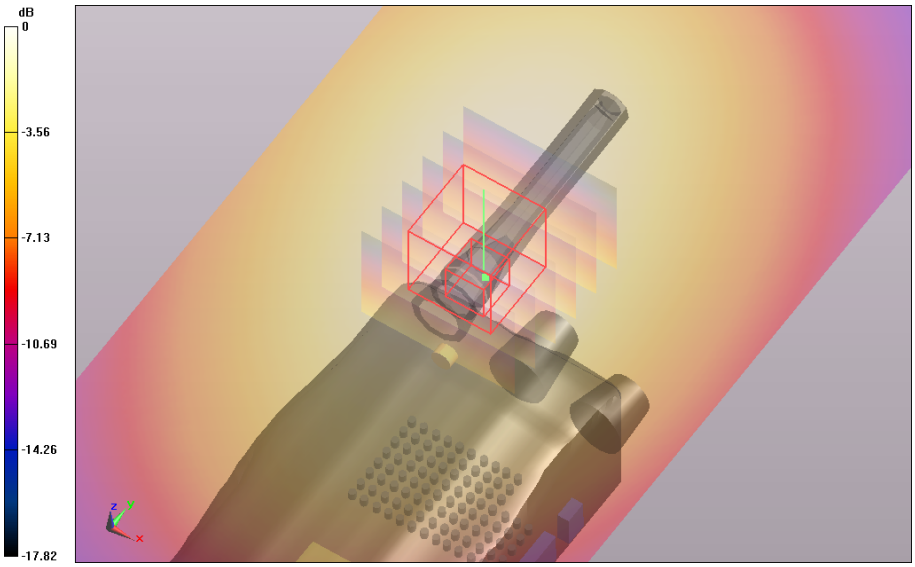
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Helical FCC.da52:7

DUT Name: Tait PTT Transceiver, Type: TPDH5A, Serial: 25452380

Configuration: Body Leather Case D-Stud Spring Clip 16 Key 11-06-13
Communication System: 0 - n/a - CW; Communication System Band: Tait 450 MHz; Frequency: 438.1 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00
Medium Parameters used: f=438 MHz; σ = 0.94 S/m; ε_r = 55.9; ρ = 1.0g/cm^3
Phantom section: Flat Section

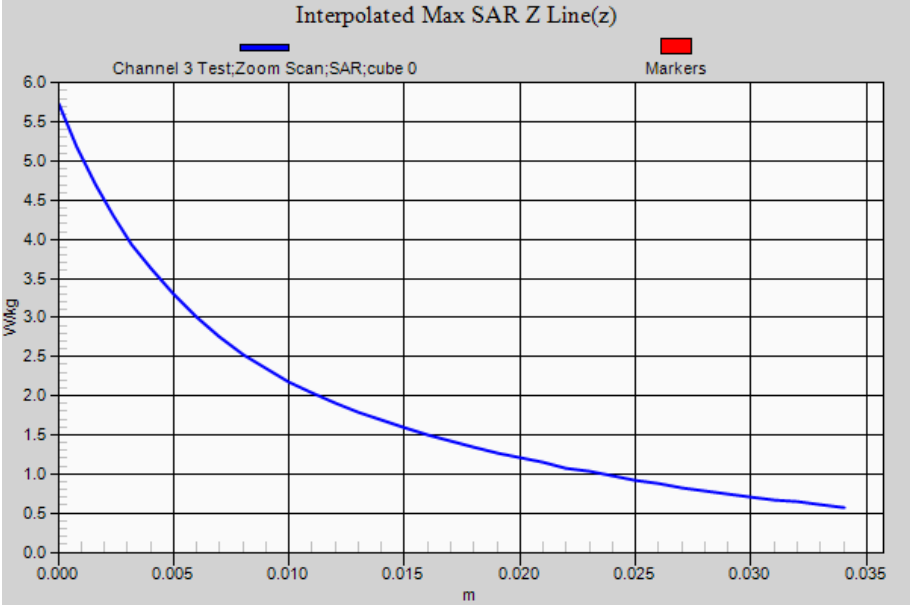
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Body Leather Case D-Stud Spring Clip 16 Key 11-06-13/Channel 3 Test/Area Scan (81x181x1): Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 3.780 W/kg
Body Leather Case D-Stud Spring Clip 16 Key 11-06-13/Channel 3 Test/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 43.265 V/m; **Power Drift = -0.10 dB**
Averaged SAR: SAR(1g) = 3.410 W/kg; SAR(10g) = 2.290 W/kg
Maximum value of SAR (interpolated) = 5.730 W/kg



0 dB = 3.78 W/kg = 5.77 dBW/kg

SAR Measurement Plot 29



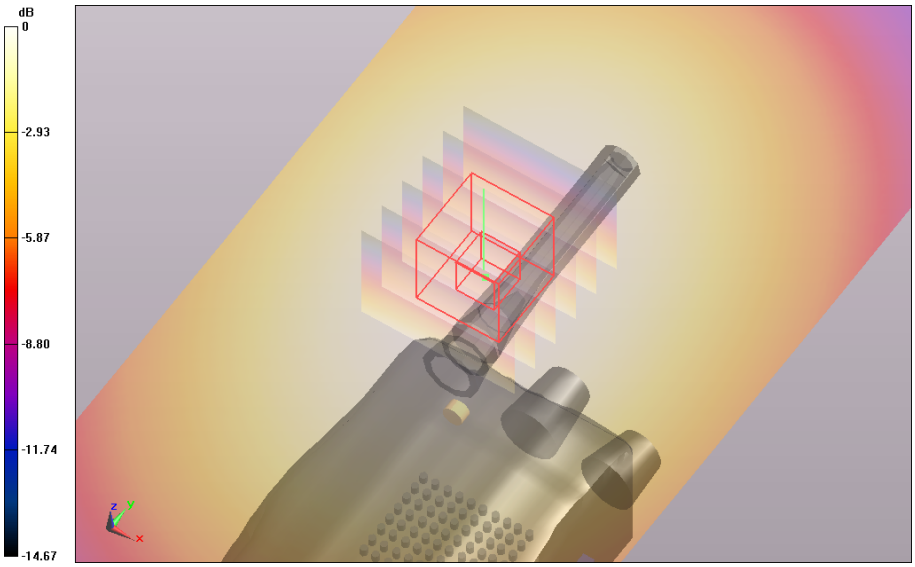
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Helical FCC.da52:8

DUT Name: Tait PTT Transceiver, Type: TPDH5A, Serial: 25452380

Configuration: Body Leather Case D-Stud Belt Loop 16 Key 11-06-13
Communication System: 0 - n/a - CW; Communication System Band: Tait 450 MHz; Frequency: 438.1 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00
Medium Parameters used: f=438 MHz; σ = 0.94 S/m; ε_r = 55.9; ρ = 1.0g/cm^3
Phantom section: Flat Section

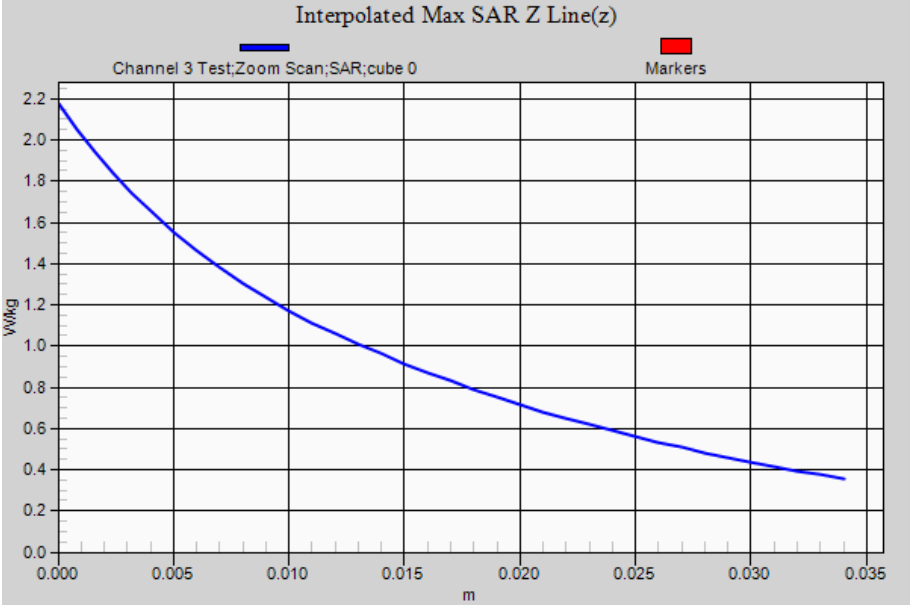
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Body Leather Case D-Stud Belt Loop 16 Key 11-06-13/Channel 3 Test/Area Scan (81x181x1):
Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 1.700 W/kg
Body Leather Case D-Stud Belt Loop 16 Key 11-06-13/Channel 3 Test/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 31.720 V/m; **Power Drift = -0.12 dB**
Averaged SAR: SAR(1g) = 1.590 W/kg; SAR(10g) = 1.200 W/kg
Maximum value of SAR (interpolated) = 2.170 W/kg



0 dB = 1.70 W/kg = 2.30 dBW/kg

SAR Measurement Plot 30



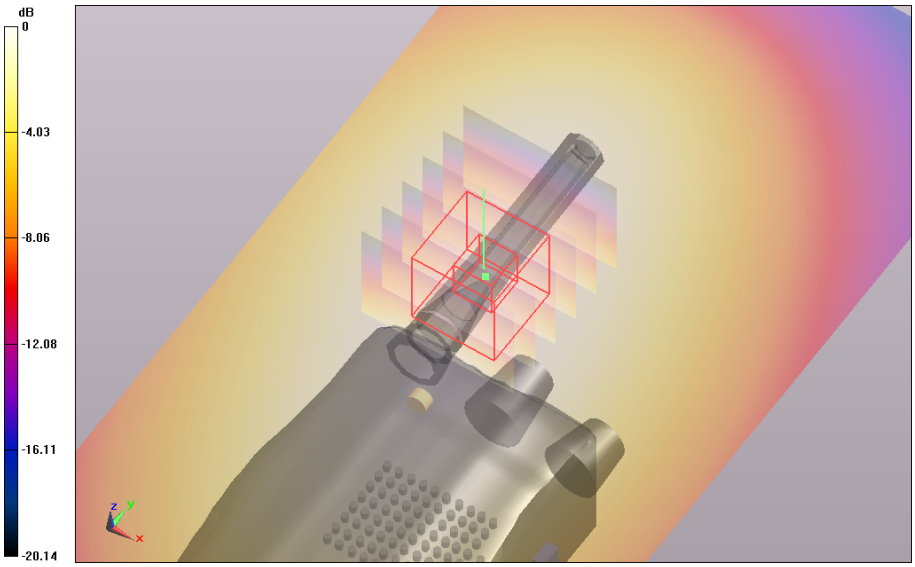
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Helical FCC.da52:9

DUT Name: Tait PTT Transceiver, Type: TPDH5A, Serial: 25452380

Configuration: Body Leather Case Belt Loop 16 Key 11-06-13
Communication System: 0 - n/a - CW; Communication System Band: Tait 450 MHz; Frequency: 438.1 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00
Medium Parameters used: f=438 MHz; σ = 0.94 S/m; ε_r = 55.9; ρ = 1.0g/cm^3
Phantom section: Flat Section

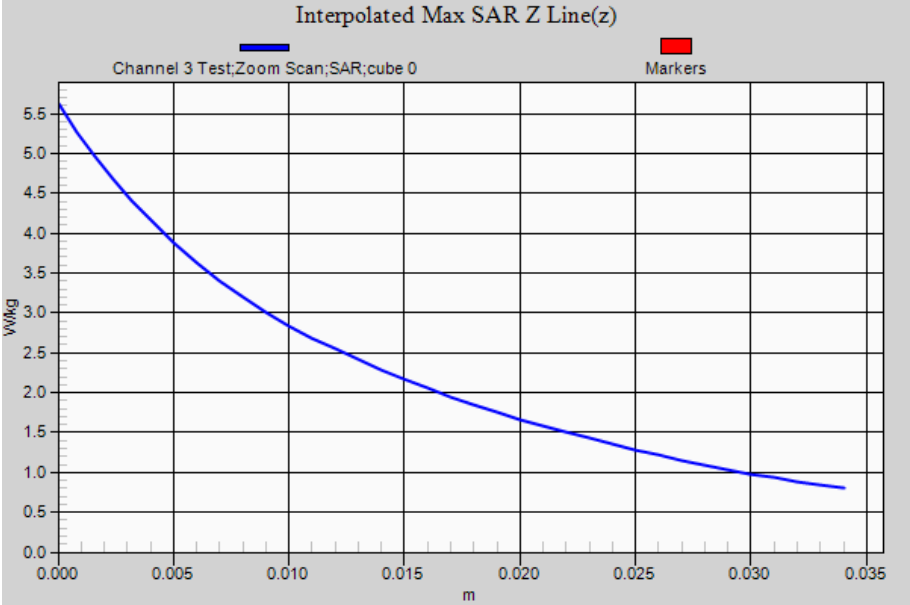
DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Body Leather Case Belt Loop 16 Key 11-06-13/Channel 3 Test/Area Scan (81x181x1): Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 4.240 W/kg
Body Leather Case Belt Loop 16 Key 11-06-13/Channel 3 Test/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 53.255 V/m; **Power Drift = -0.11 dB**
Averaged SAR: SAR(1g) = 3.970 W/kg; SAR(10g) = 2.910 W/kg
Maximum value of SAR (interpolated) = 5.620 W/kg



0 dB = 4.24 W/kg = 6.27 dBW/kg

SAR Measurement Plot 31



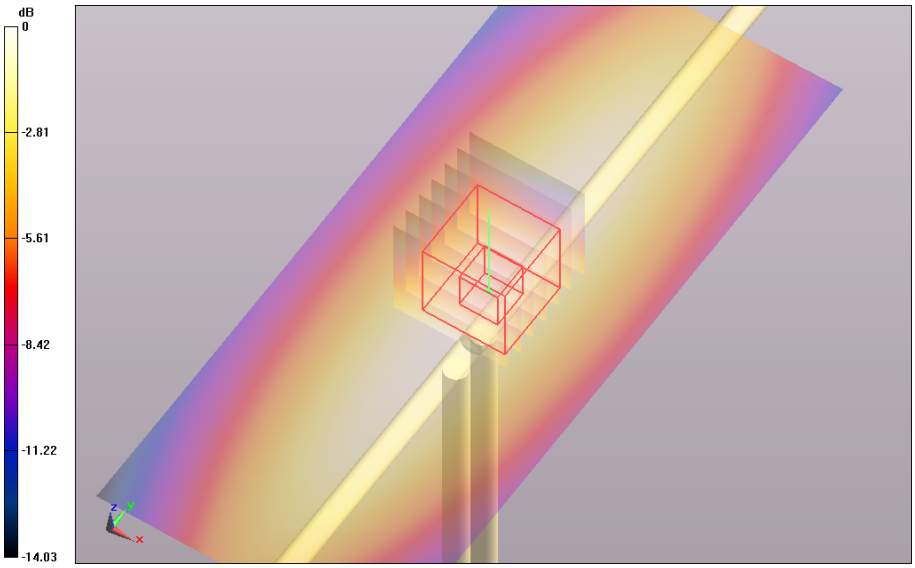
Test Lab: EMCTech Test File: M130531 450 MHz Body Worn Antenna Helical FCC.da52:12

DUT Name: Dipole 450 MHz, Type: D450V3, Serial: 1074

Configuration: System Check 11-06-13
Communication System: 0 - n/a - CW 450 MHz; Communication System Band: **CW**; Frequency: 450.0 MHz, Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00
Medium Parameters used: f=450 MHz; σ = 0.95 S/m; ε_r = 55.8; ρ = 1.0g/cm^3
Phantom section: Flat Section

DASY Configuration:
Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;
Sensor-Surface: 4 mm (Mechanical Surface Detection)
Electronics: DAE3 Sn442; Calibrated: 4/12/2012
Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101
DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

System Check 11-06-13/Channel 1Test/Area Scan (51x121x1): Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 2.180 W/kg
System Check 11-06-13/Channel 1Test/Zoom Scan (31x31x36)/Cube 0: Interpolated grid: dx=1.0 mm, dy=1.0 mm, dz=1.0 mm; Reference Value = 48.735 V/m; **Power Drift = -0.01 dB**
Averaged SAR: SAR(1g) = 2.100 W/kg; SAR(10g) = 1.310 W/kg
Maximum value of SAR (interpolated) = 3.700 W/kg



0 dB = 2.18 W/kg = 3.38 dBW/kg

SAR Measurement Plot 32