Test Plot 1#: PTT_FM 12.5kHz_Face Up_430 MHz

DUT: Digital Portable Radio; Type: AR482Gi; Serial: 18050300420

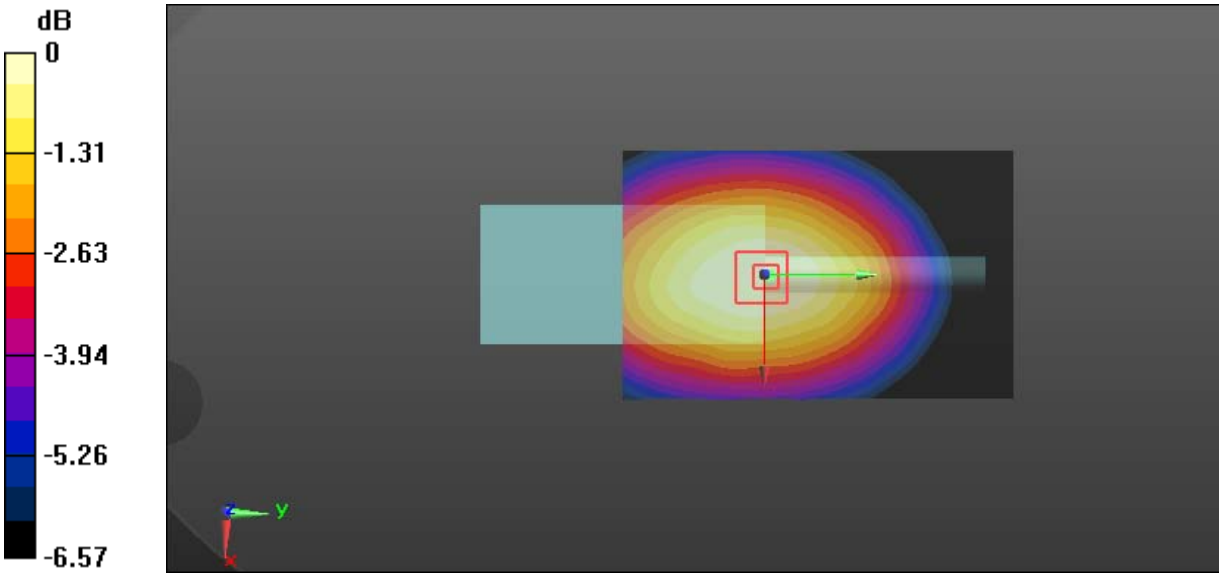
Communication System: FM; Frequency: 430 MHz;Duty Cycle: 1:1
Medium parameters used: f = 430 MHz; σ = 0.868 S/m; ε_r = 44.693; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.44 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 87.55 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 9.67 W/kg
SAR(1 g) = 6.36 W/kg; SAR(10 g) = 4.8 W/kg
Maximum value of SAR (measured) = 8.20 W/kg



0 dB = 8.20 W/kg = 9.14 dBW/kg

Test Plot 2#: PTT_4FSK 12.5kHz_Face Up_430 MHz

DUT: Digital Portable Radio; Type: AR482Gi; Serial: 18050300420

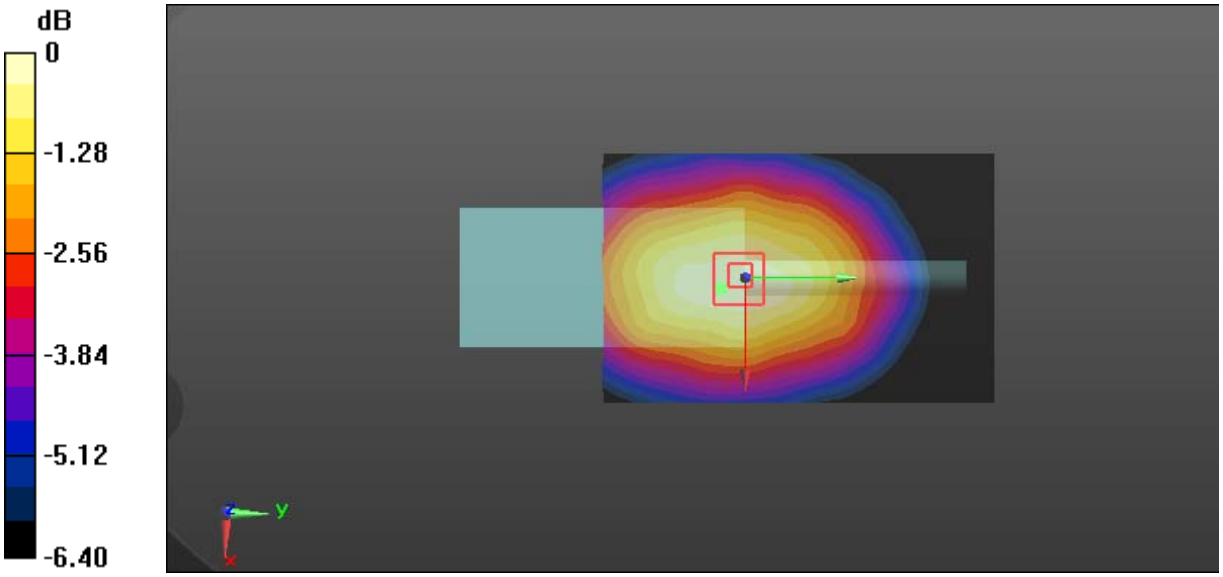
Communication System: 4FSK; Frequency: 430 MHz;Duty Cycle: 1:2
Medium parameters used: f = 430 MHz; σ = 0.868 S/m; ε_r = 44.693; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.06 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 60.87 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 4.97 W/kg
SAR(1 g) = 3.23 W/kg; SAR(10 g) = 2.45 W/kg
Maximum value of SAR (measured) = 4.19 W/kg



0 dB = 4.19 W/kg = 6.22 dBW/kg

Test Plot 3#: PTT_FM 12.5kHz_Body Back_420.0125 MHz

DUT: Digital Portable Radio; Type: AR482Gi; Serial: 18050300420

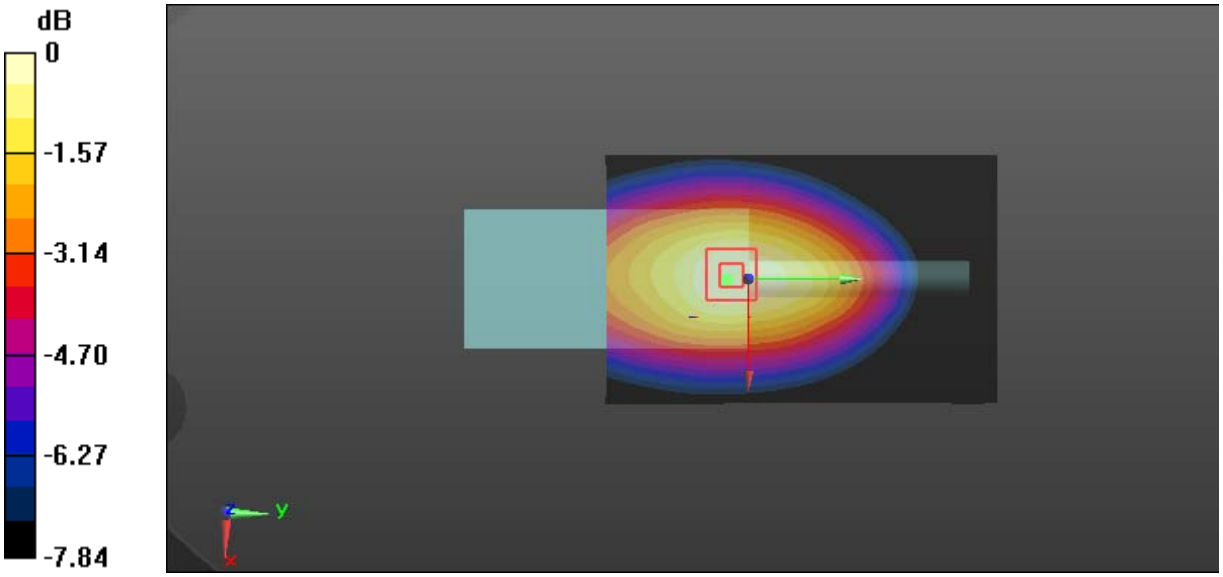
Communication System: FM; Frequency: 420.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 420.012 MHz; σ = 0.916 S/m; ε_r = 56.839; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.9 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 100.9 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 13.6 W/kg
SAR(1 g) = 9 W/kg; SAR(10 g) = 6.5 W/kg
Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 10.72 dBW/kg

Test Plot 4#: PTT_FM 12.5kHz_Body Back_430 MHz

DUT: Digital Portable Radio; Type: AR482Gi; Serial: 18050300420

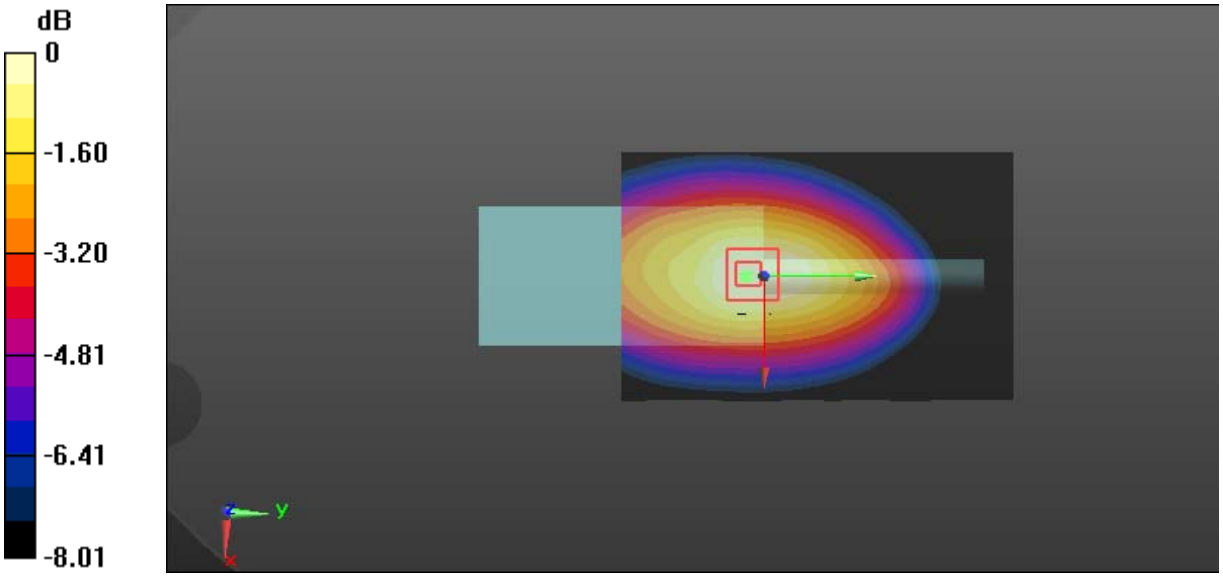
Communication System: FM; Frequency: 430 MHz;Duty Cycle: 1:1
Medium parameters used: f = 430 MHz; σ = 0.915 S/m; ε_r = 56.479; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.5 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 110.1 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 17.2 W/kg
SAR(1 g) = 11 W/kg; SAR(10 g) = 7.85 W/kg
Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg = 11.64 dBW/kg

Test Plot 5#: PTT_FM 12.5kHz_Body Back_435 MHz

DUT: Digital Portable Radio; Type: AR482Gi; Serial: 18050300420

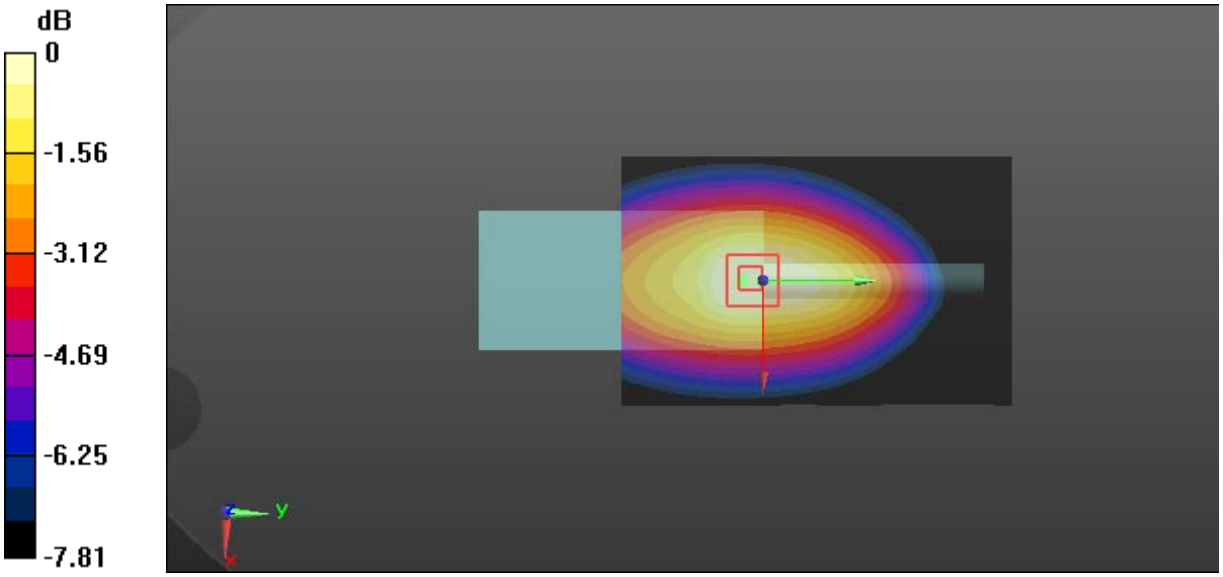
Communication System: FM; Frequency: 435 MHz;Duty Cycle: 1:1
Medium parameters used: f = 435 MHz; σ = 0.939 S/m; ε_r = 55.601; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.9 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 110.6 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 15.6 W/kg
SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.57 W/kg
Maximum value of SAR (measured) = 13.6 W/kg



0 dB = 13.6 W/kg = 11.34 dBW/kg

Test Plot 6#: PTT_FM 12.5kHz_Body Back_440 MHz

DUT: Digital Portable Radio; Type: AR482Gi; Serial: 18050300420

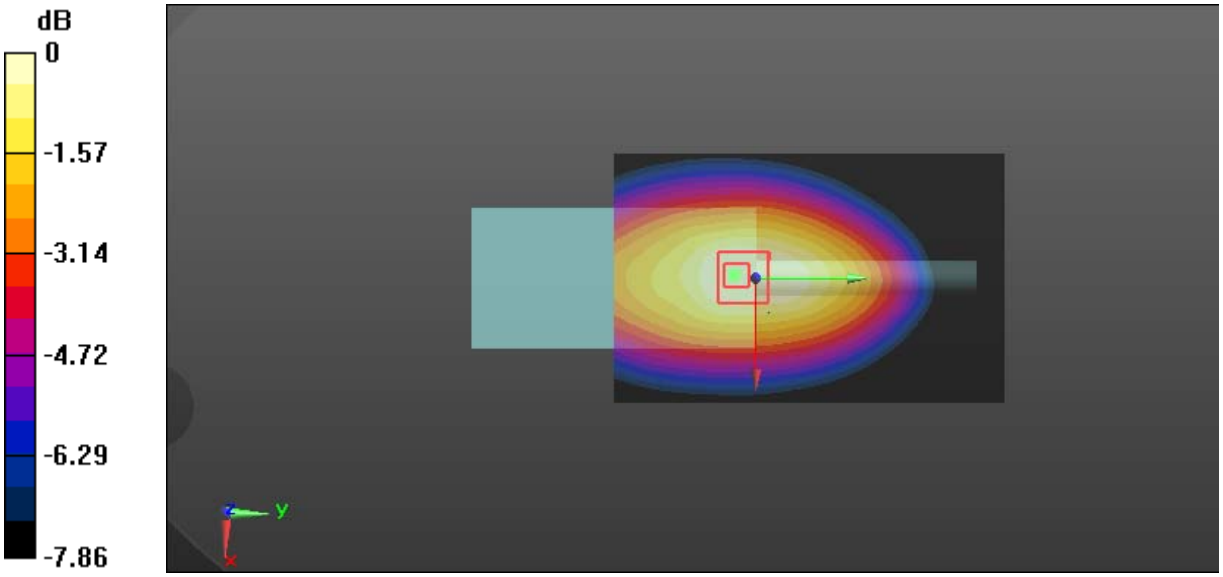
Communication System: FM; Frequency: 440 MHz;Duty Cycle: 1:1
Medium parameters used: f = 440 MHz; σ = 0.943 S/m; ε_r = 55.31; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.3 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 107.6 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(1 g) = 9.9 W/kg; SAR(10 g) = 7.12 W/kg
Maximum value of SAR (measured) = 12.8 W/kg



0 dB = 12.8 W/kg = 11.07 dBW/kg

Test Plot 7#: PTT_FM 12.5kHz_Body Back_449.9875 MHz

DUT: Digital Portable Radio; Type: AR482Gi; Serial: 18050300420

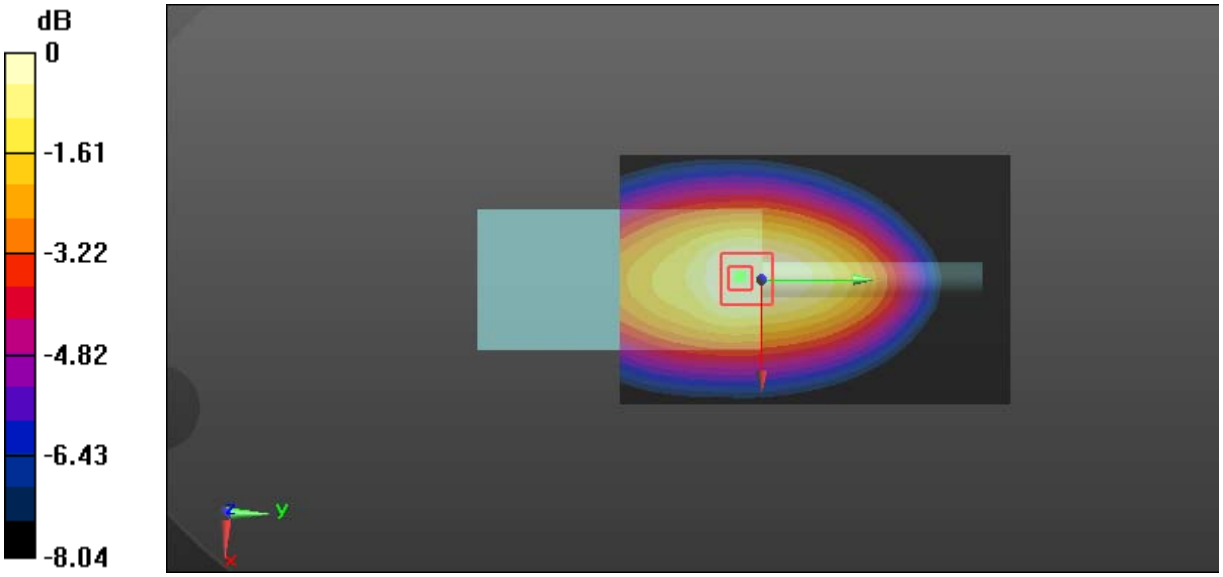
Communication System: FM; Frequency: 449.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 449.988 MHz; σ = 0.964 S/m; ε_r = 55.215; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.23 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.21 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 10.1 W/kg
SAR(1 g) = 6.79 W/kg; SAR(10 g) = 4.86 W/kg
Maximum value of SAR (measured) = 8.85 W/kg



0 dB = 8.85 W/kg = 9.47 dBW/kg

Test Plot 8#: PTT_4FSK 12.5kHz_Body Back_430 MHz

DUT: Digital Portable Radio; Type: AR482Gi; Serial: 18050300420

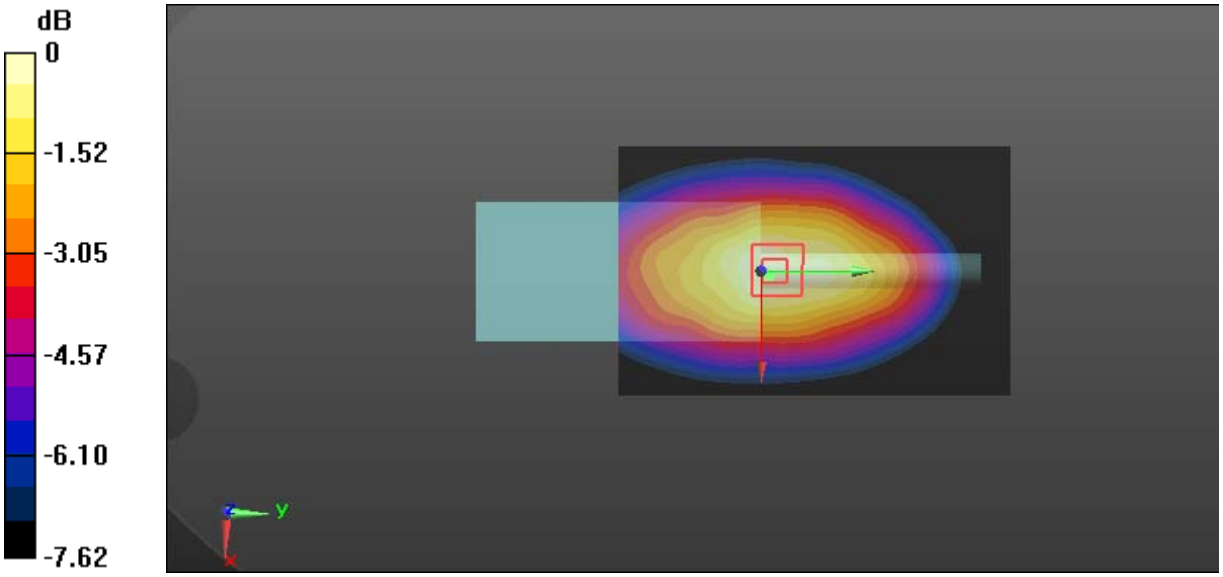
Communication System: 4FSK; Frequency: 430 MHz;Duty Cycle: 1:2
Medium parameters used: f = 430 MHz; σ = 0.915 S/m; ε_r = 56.479; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.45 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 84.22 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 9.79 W/kg
SAR(1 g) = 6.32 W/kg; SAR(10 g) = 4.55 W/kg
Maximum value of SAR (measured) = 8.37 W/kg



0 dB = 8.37 W/kg = 9.23 dBW/kg