Test Plot 1#: PTT_FM 12.5kHz_Face Up_164 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

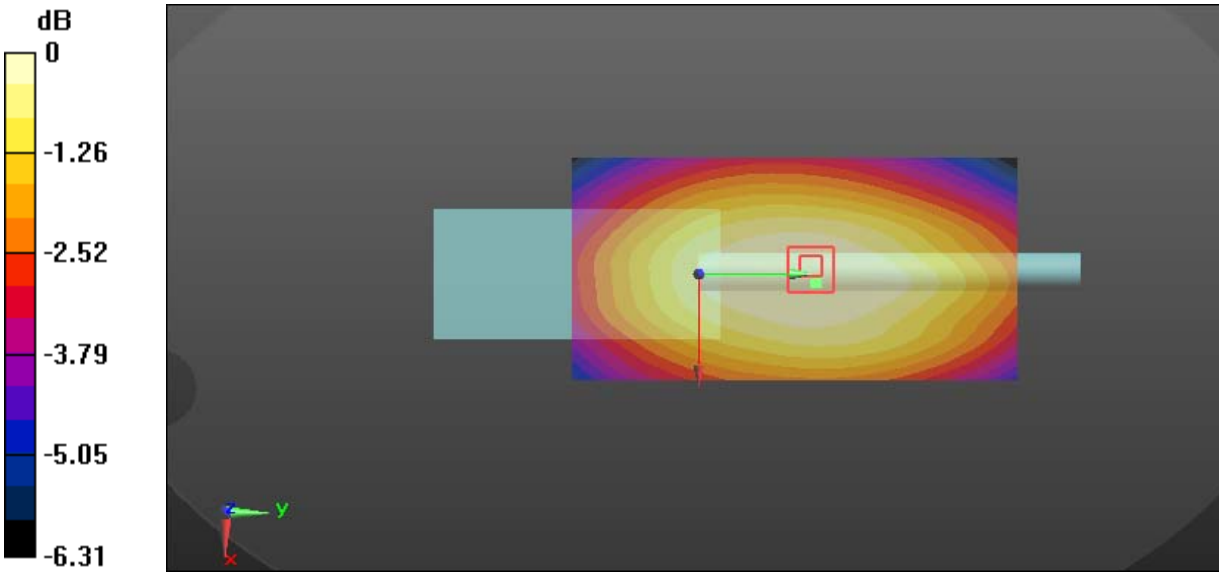
Communication System: FM; Frequency: 164 MHz;Duty Cycle: 1:1
Medium parameters used: f = 164 MHz; σ = 0.778 S/m; ε_r = 52.075; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.55 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 84.65 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 6.24 W/kg
SAR(1 g) = 5.1 W/kg; SAR(10 g) = 4.14 W/kg
Maximum value of SAR (measured) = 5.68 W/kg



0 dB = 5.68 W/kg = 7.54 dBW/kg

Test Plot 2#: PTT_FM 25kHz_Face Up_164 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

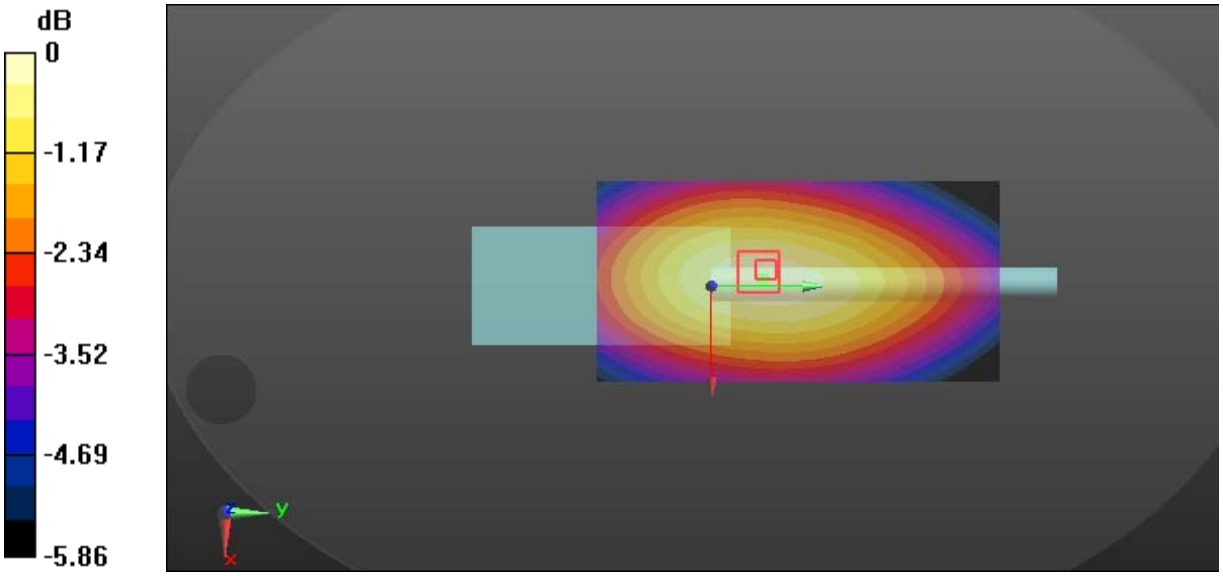
Communication System: FM; Frequency: 164 MHz;Duty Cycle: 1:1
Medium parameters used: f = 164 MHz; σ = 0.778 S/m; ε_r = 52.075; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.83 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 84.77 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 6.66 W/kg
SAR(1 g) = 5.49 W/kg; SAR(10 g) = 4.47 W/kg
Maximum value of SAR (measured) = 5.97 W/kg



0 dB = 5.97 W/kg = 7.76 dBW/kg

Test Plot 3#: PTT_4FSK 12.5kHz_Face Up_164 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

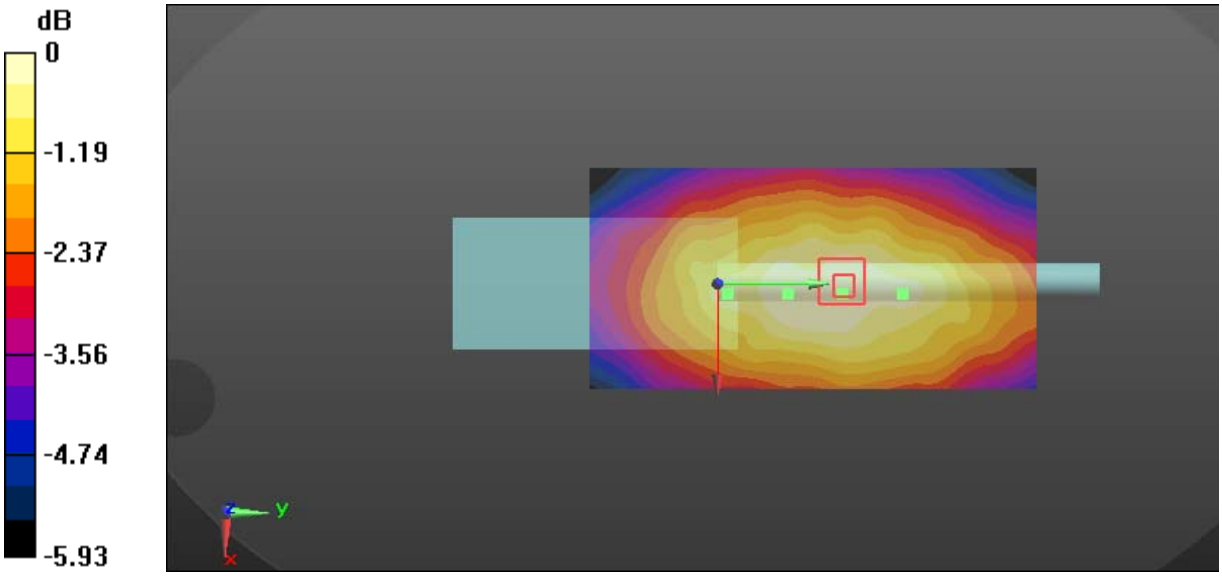
Communication System: 4FSK; Frequency: 164 MHz;Duty Cycle: 1:2
Medium parameters used: f = 164 MHz; σ = 0.778 S/m; ε_r = 52.075; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.36 W/kg

Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 51.48 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.06 W/kg
SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.76 W/kg
Maximum value of SAR (measured) = 2.32 W/kg



0 dB = 2.32 W/kg = 3.65 dBW/kg

Test Plot 4#: PTT_FM 12.5kHz_Body Back_136.0125 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

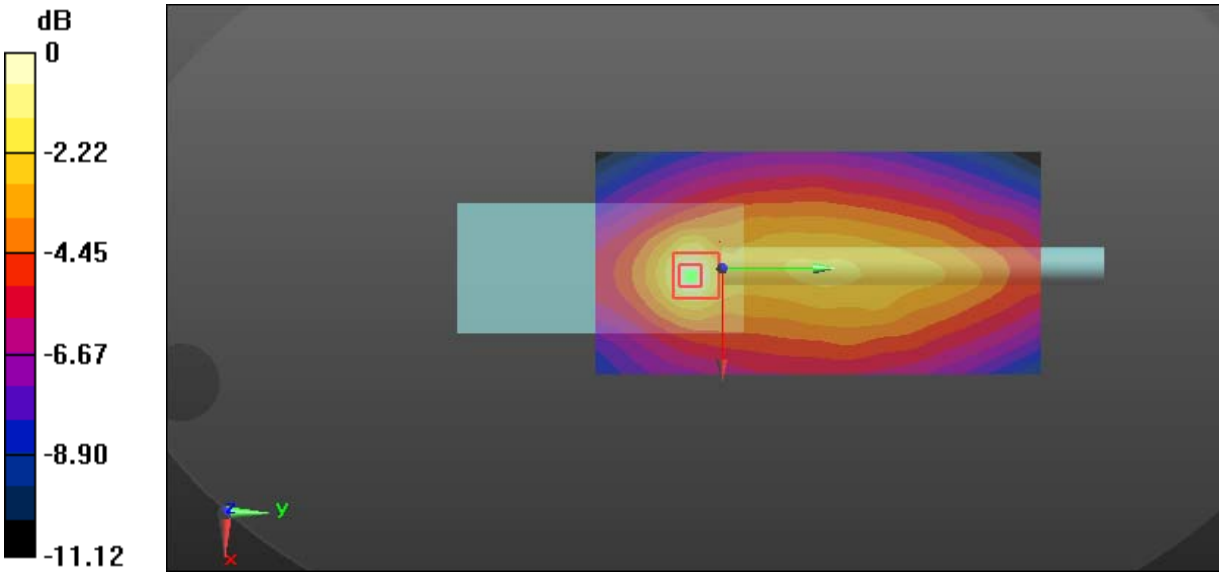
Communication System: FM; Frequency: 136.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 136.012 MHz; σ = 0.787 S/m; ε_r = 62.092; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.7 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 89.08 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 21.3 W/kg
SAR(1 g) = 7.56 W/kg; SAR(10 g) = 4.6 W/kg
Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg = 11.30 dBW/kg

Test Plot 5#: PTT_FM 12.5kHz_Body Back_144 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

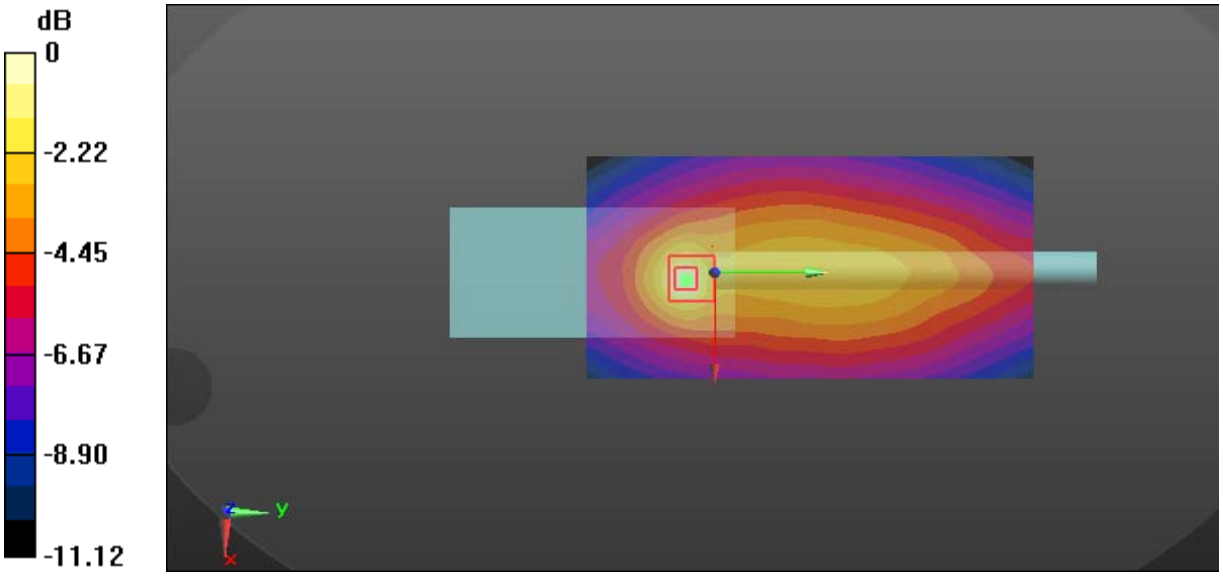
Communication System: FM; Frequency: 144 MHz;Duty Cycle: 1:1
Medium parameters used: f = 144 MHz; σ = 0.794 S/m; ε_r = 61.055; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.0 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 74.12 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 16.8 W/kg
SAR(1 g) = 6 W/kg; SAR(10 g) = 3.67 W/kg
Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

Test Plot 6#: PTT_FM 12.5kHz_Body Back_155 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

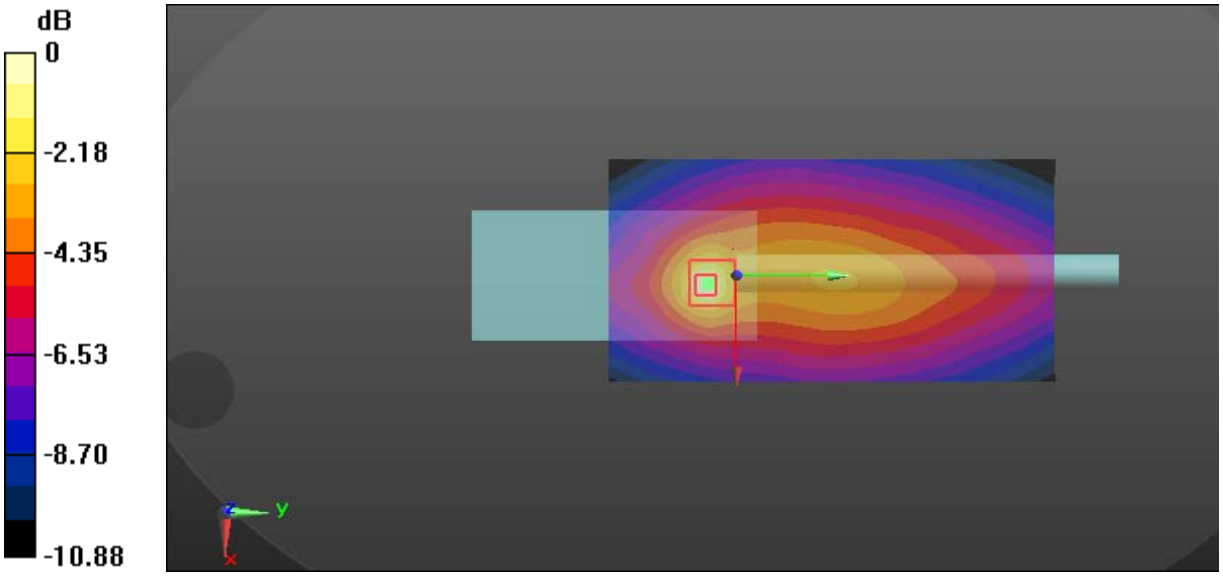
Communication System: FM; Frequency: 155 MHz;Duty Cycle: 1:1
Medium parameters used: f = 155 MHz; σ = 0.815 S/m; ε_r = 60.951; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.48 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 64.14 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 4.96 W/kg; SAR(10 g) = 3.03 W/kg
Maximum value of SAR (measured) = 8.64 W/kg



0 dB = 8.64 W/kg = 9.37 dBW/kg

Test Plot 7#: PTT_FM 12.5kHz_Body Back_164 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

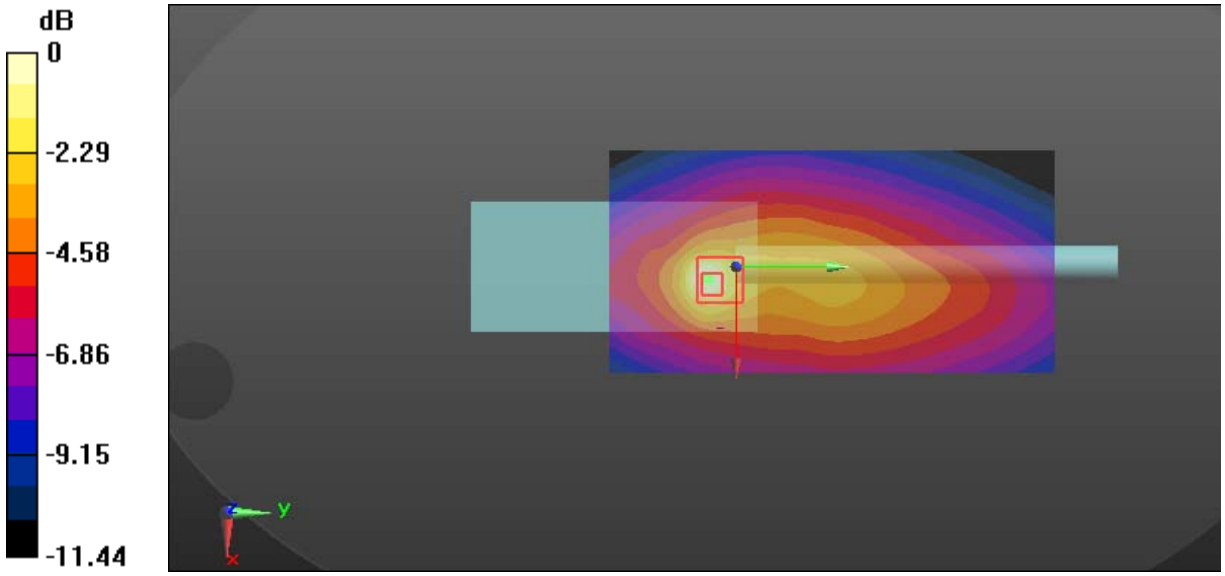
Communication System: FM; Frequency: 164 MHz;Duty Cycle: 1:1
Medium parameters used: f = 164 MHz; σ = 0.813 S/m; ε_r = 60.97; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.2 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 77.48 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 19.2 W/kg
SAR(1 g) = 6.64 W/kg; SAR(10 g) = 3.99 W/kg
Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 11.7 W/kg = 10.68 dBW/kg

Test Plot 8#: PTT_FM 12.5kHz_Body Back_173.9875 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

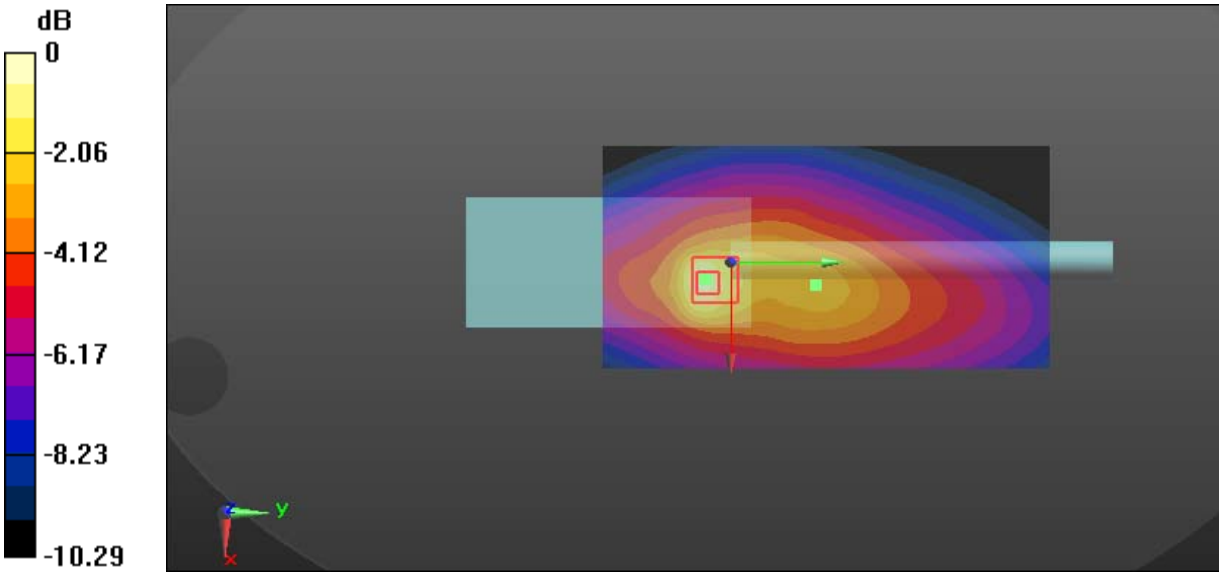
Communication System: FM; Frequency: 173.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 173.988 MHz; σ = 0.823 S/m; ε_r = 60.904; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.89 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 46.82 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 6.35 W/kg
SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.63 W/kg
Maximum value of SAR (measured) = 4.23 W/kg



0 dB = 4.23 W/kg = 6.26 dBW/kg

Test Plot 9#: PTT_FM 25kHz_Body Back_136.0125 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

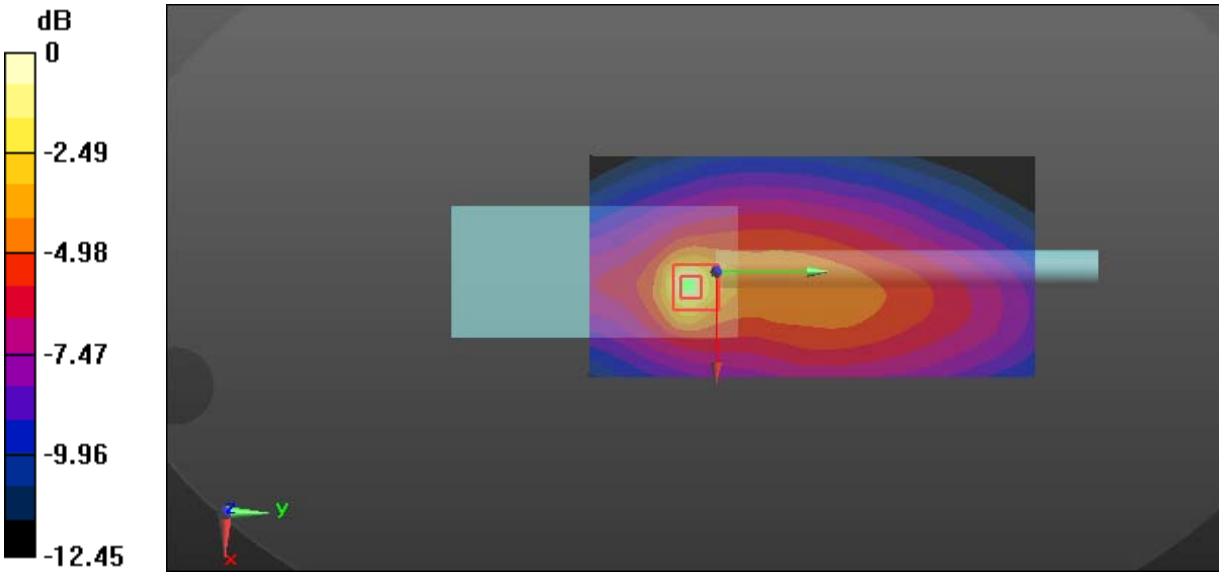
Communication System: FM; Frequency: 136.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 136.012 MHz; σ = 0.787 S/m; ε_r = 62.092; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (71x141x1): 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 = 76.62 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 23.3 W/kg
SAR(1 g) = 7.56 W/kg; SAR(10 g) = 4.16 W/kg
Maximum value of SAR (measured) = 15.2 W/kg



0 dB = 15.2 W/kg = 11.82 dBW/kg

Test Plot 10#: PTT_FM 25kHz_Body Back_144 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

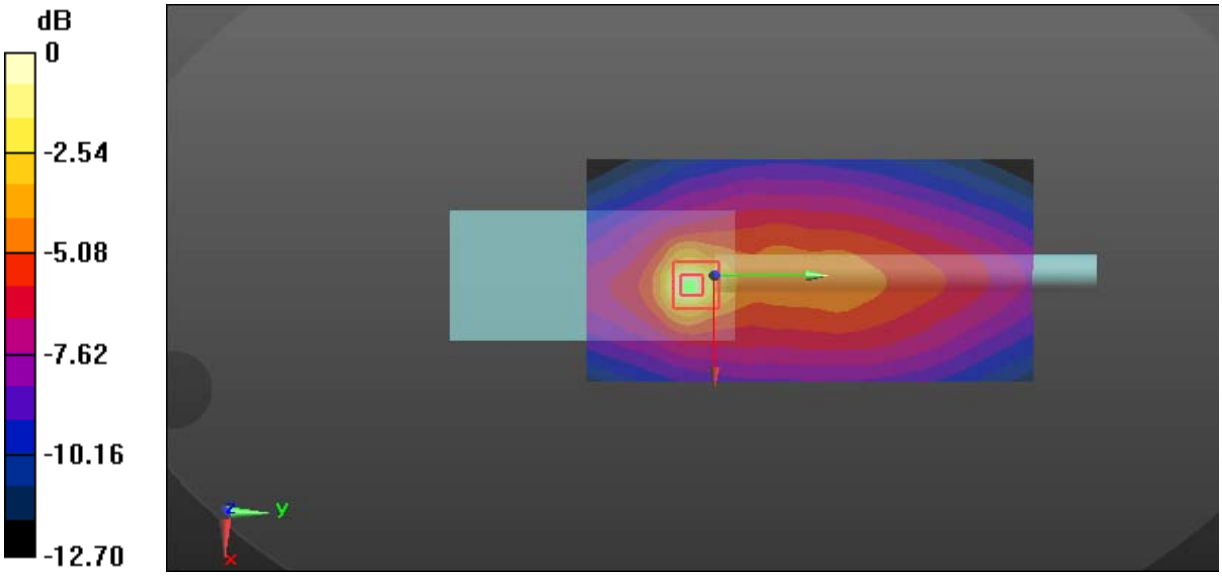
Communication System: FM; Frequency: 144 MHz;Duty Cycle: 1:1
Medium parameters used: f = 144 MHz; σ = 0.794 S/m; ε_r = 61.055; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.1 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 73.92 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 21.4 W/kg
SAR(1 g) = 6.56 W/kg; SAR(10 g) = 3.51 W/kg
Maximum value of SAR (measured) = 13.0 W/kg



0 dB = 13.0 W/kg = 11.14 dBW/kg

Test Plot 11#: PTT_FM 25kHz_Body Back_155 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

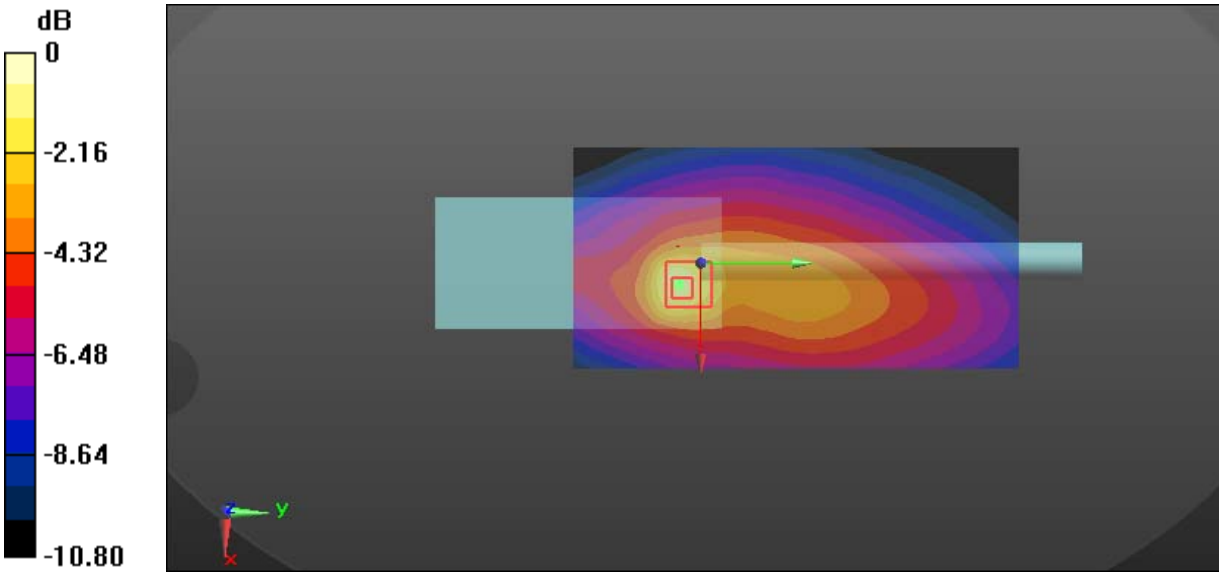
Communication System: FM; Frequency: 155 MHz;Duty Cycle: 1:1
Medium parameters used: f = 155 MHz; σ = 0.815 S/m; ε_r = 60.951; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.52 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 66.76 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 15.7 W/kg
SAR(1 g) = 5.36 W/kg; SAR(10 g) = 3.22 W/kg
Maximum value of SAR (measured) = 9.04 W/kg



0 dB = 9.04 W/kg = 9.56 dBW/kg

Test Plot 12#: PTT_FM 25kHz_Body Back_164 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

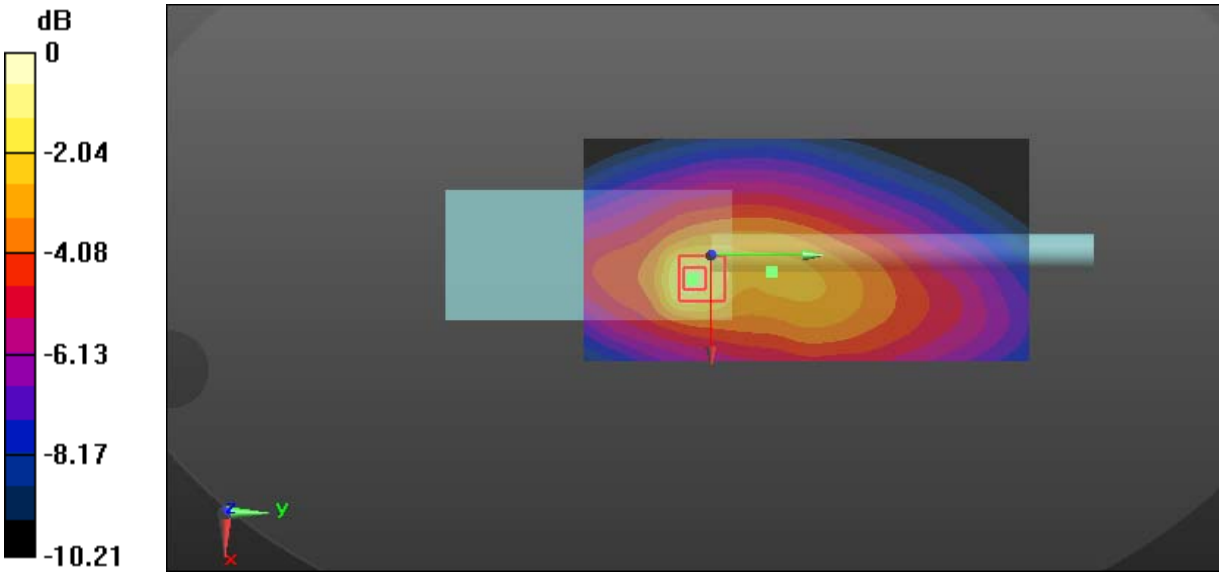
Communication System: FM; Frequency: 164 MHz;Duty Cycle: 1:1
Medium parameters used: f = 164 MHz; σ = 0.813 S/m; ε_r = 60.97; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.81 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 75.40 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 14.8 W/kg
SAR(1 g) = 5.6 W/kg; SAR(10 g) = 3.57 W/kg
Maximum value of SAR (measured) = 9.80 W/kg



0 dB = 9.80 W/kg = 9.91 dBW/kg

Test Plot 13#: PTT_FM 25kHz_Body Back_173.9875 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

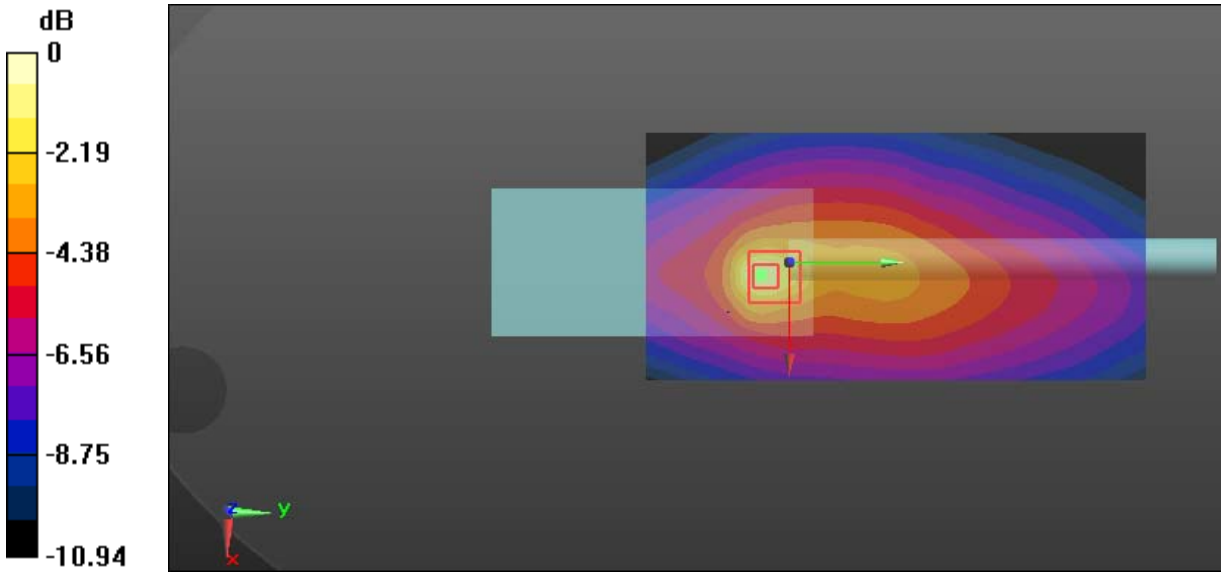
Communication System: FM; Frequency: 173.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 173.988 MHz; σ = 0.823 S/m; ε_r = 60.904; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.49 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 49.72 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 7.89 W/kg
SAR(1 g) = 2.8 W/kg; SAR(10 g) = 1.69 W/kg
Maximum value of SAR (measured) = 5.13 W/kg



0 dB = 5.13 W/kg = 7.10 dBW/kg

Test Plot 14#: PTT_4FSK 12.5kHz_Body Back_136.0125 MHz

DUT: Digital Portable Radio; Type: PD982i VHF; Serial: 17120701620

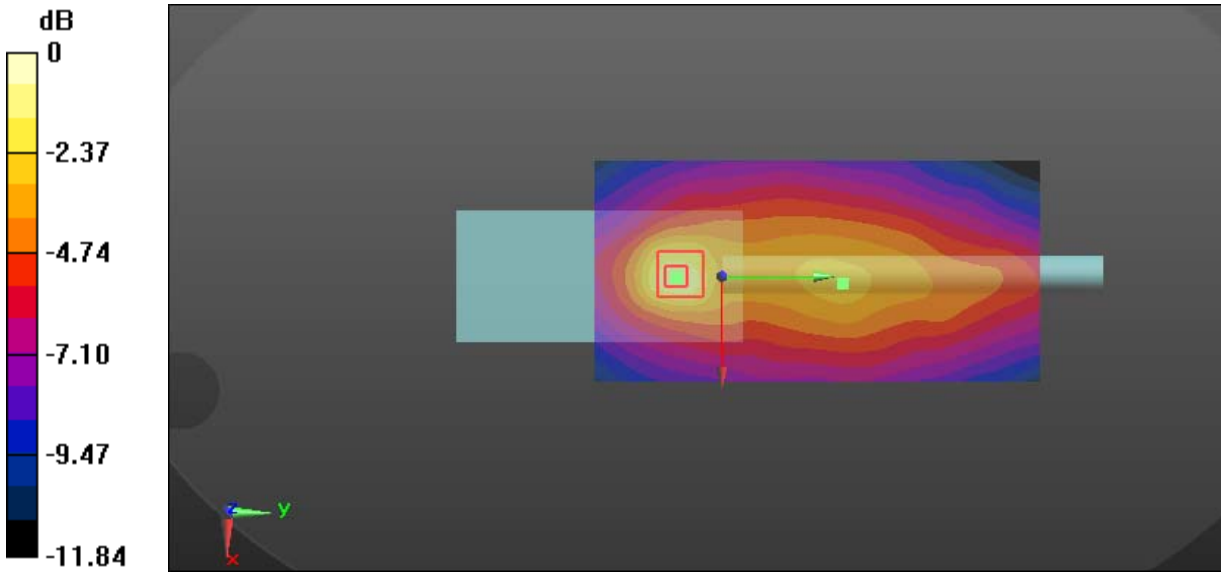
Communication System: 4FSK; Frequency: 136.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 136.012 MHz; σ = 0.787 S/m; ε_r = 62.092; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.96 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 58.81 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 13.1 W/kg
SAR(1 g) = 4.41 W/kg; SAR(10 g) = 2.58 W/kg
Maximum value of SAR (measured) = 8.31 W/kg



0 dB = 8.31 W/kg = 9.20 dBW/kg