Test Plot 1#: PTT_FM 12.5kHz_Face Up_400.0125 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

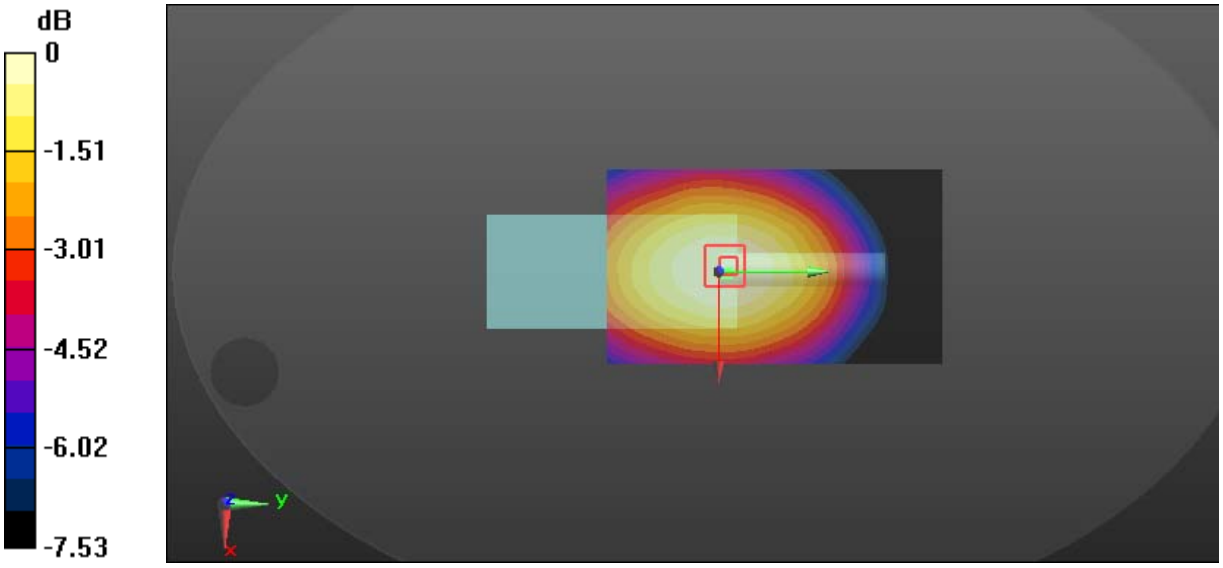
Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 400.012 MHz; σ = 0.849 S/m; ε_r = 44.652; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.18 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 75.47 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 6.92 W/kg
SAR(1 g) = 4.68 W/kg; SAR(10 g) = 3.5 W/kg
Maximum value of SAR (measured) = 5.96 W/kg



0 dB = 5.96 W/kg = 7.75 dBW/kg

Test Plot 2#: PTT_FM 25kHz_Face Up_400.0125 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

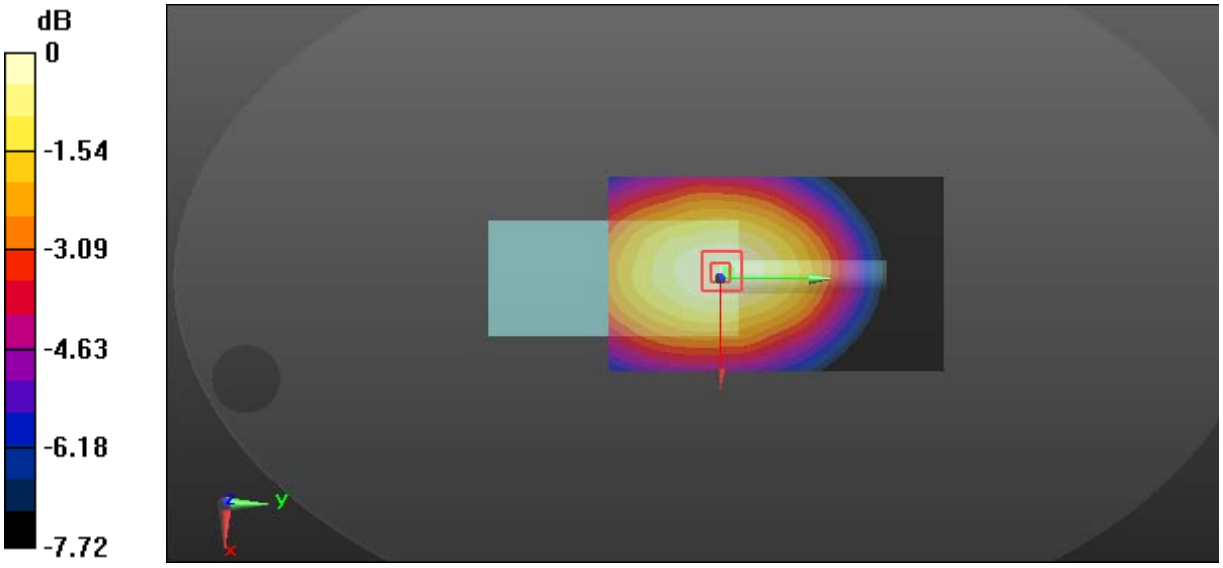
Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 400.012 MHz; σ = 0.849 S/m; ε_r = 44.652; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.40 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 76.73 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 7.49 W/kg
SAR(1 g) = 4.97 W/kg; SAR(10 g) = 3.69 W/kg
Maximum value of SAR (measured) = 6.45 W/kg



0 dB = 6.45 W/kg = 8.10 dBW/kg

Test Plot 3#: PTT_4FSK 12.5kHz_Face Up_400.0125 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

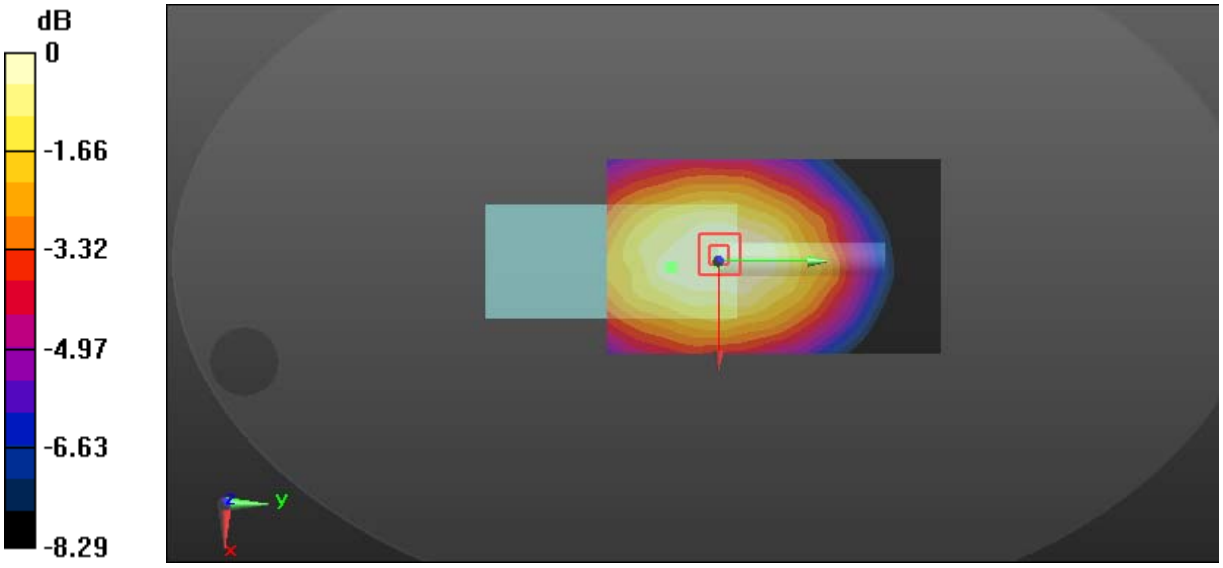
Communication System: 4FSK; Frequency: 400.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 400.012 MHz; σ = 0.849 S/m; ε_r = 44.652; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.40 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.23 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.75 W/kg
Maximum value of SAR (measured) = 3.14 W/kg



0 dB = 3.14 W/kg = 4.97 dBW/kg

Test Plot 4#: PTT_FM 12.5kHz_Body Back_400.0125 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

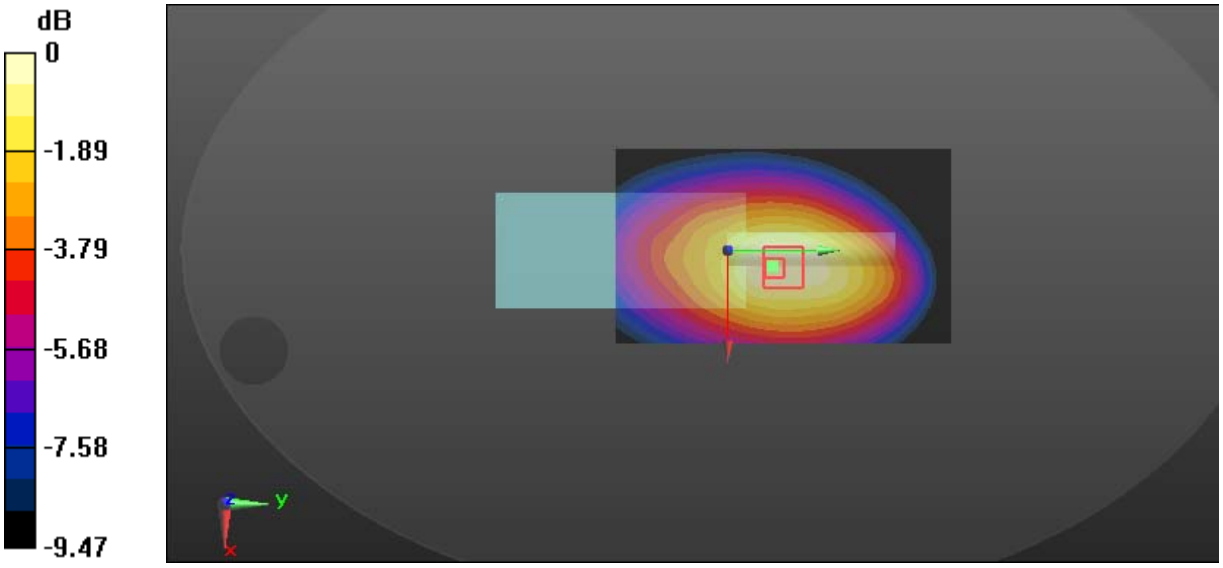
Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 400.012 MHz; σ = 0.937 S/m; ε_r = 55.867; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 12.7 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 84.73 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(1 g) = 9.22 W/kg; SAR(10 g) = 6.63 W/kg
Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.5 W/kg = 10.97 dBW/kg

Test Plot 5#: PTT_FM 12.5kHz_Body Back_417 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

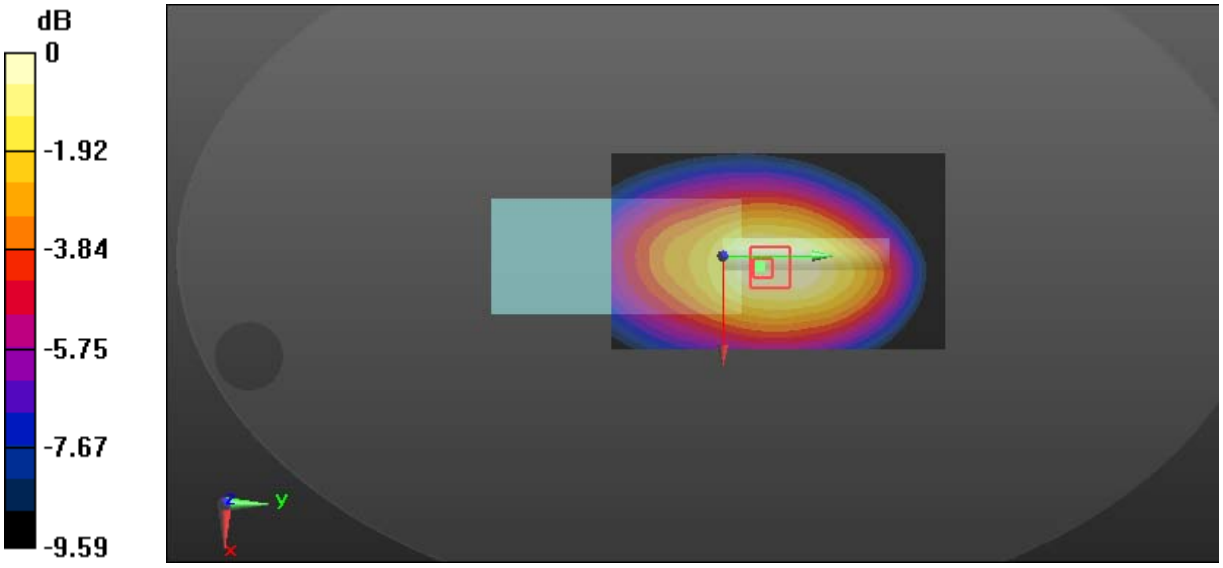
Communication System: FM; Frequency: 417 MHz;Duty Cycle: 1:1
Medium parameters used: f = 417 MHz; σ = 0.941 S/m; ε_r = 55.529; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.81 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 75.66 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 6.93 W/kg; SAR(10 g) = 4.98 W/kg
Maximum value of SAR (measured) = 9.46 W/kg



0 dB = 9.46 W/kg = 9.76 dBW/kg

Test Plot 6#: PTT_FM 12.5kHz_Body Back_435 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

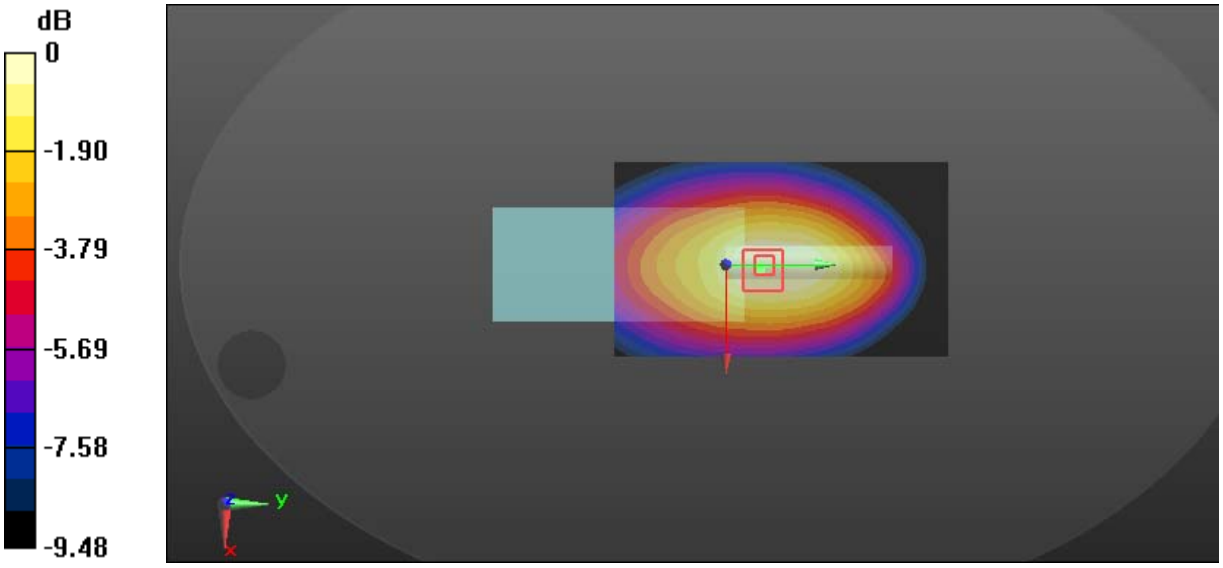
Communication System: FM; Frequency: 435 MHz;Duty Cycle: 1:1
Medium parameters used: f = 435 MHz; σ = 0.955 S/m; ε_r = 55.198; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.77 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 79.31 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 10.9 W/kg
SAR(1 g) = 6.96 W/kg; SAR(10 g) = 4.97 W/kg
Maximum value of SAR (measured) = 9.02 W/kg



0 dB = 9.02 W/kg = 9.55 dBW/kg

Test Plot 7#: PTT_FM 12.5kHz_Body Back_452 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

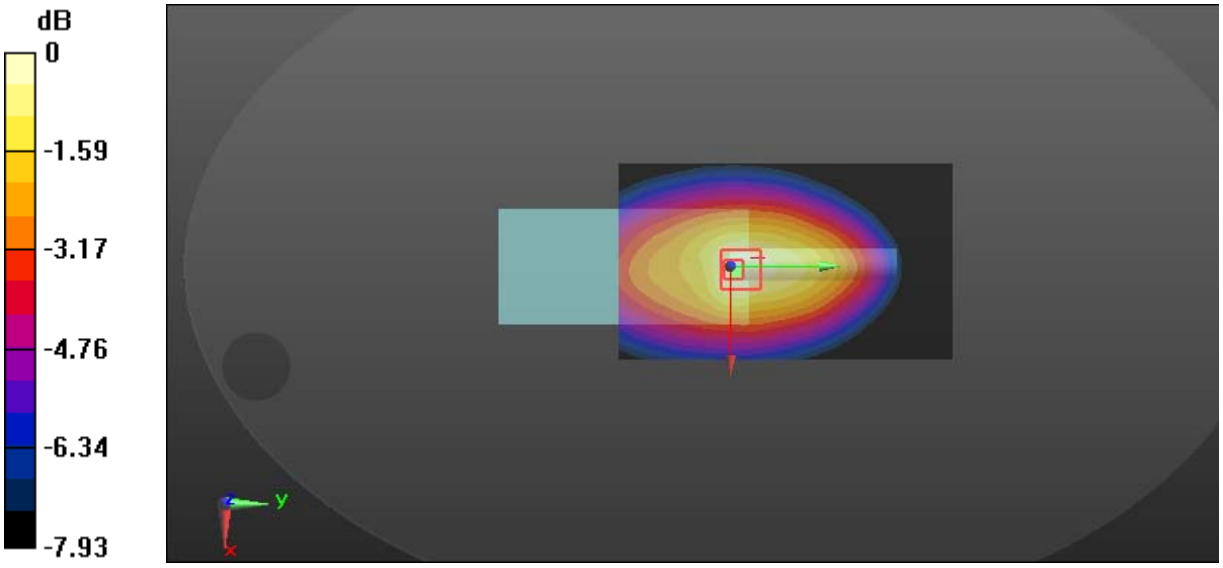
Communication System: FM; Frequency: 452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 452 MHz; σ = 0.967 S/m; ε_r = 54.866; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 10.4 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.03 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 11.7 W/kg
SAR(1 g) = 7.87 W/kg; SAR(10 g) = 5.66 W/kg
Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 10.1 W/kg = 10.04 dBW/kg

Test Plot 8#: PTT_FM 12.5kHz_Body Back_469.9875 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

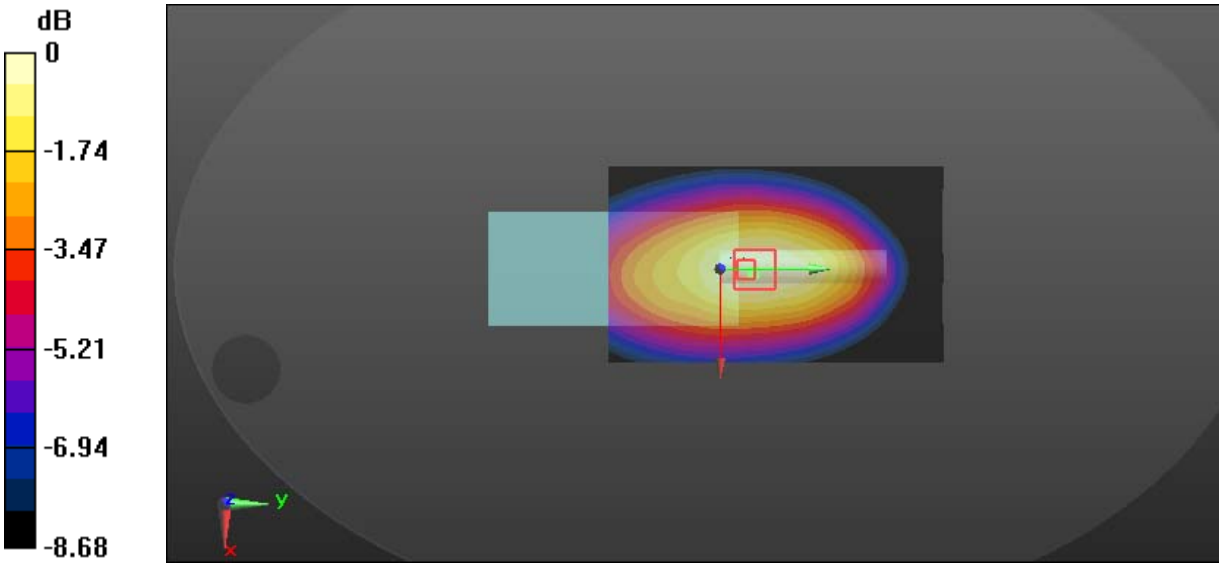
Communication System: FM; Frequency: 469.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 469.988 MHz; σ = 0.973 S/m; ε_r = 54.209; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.25 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 61.17 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 6.13 W/kg
SAR(1 g) = 3.84 W/kg; SAR(10 g) = 2.77 W/kg
Maximum value of SAR (measured) = 5.11 W/kg



0 dB = 5.11 W/kg = 7.08 dBW/kg

Test Plot 9#: PTT_FM 25kHz_Body Back_400.0125 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

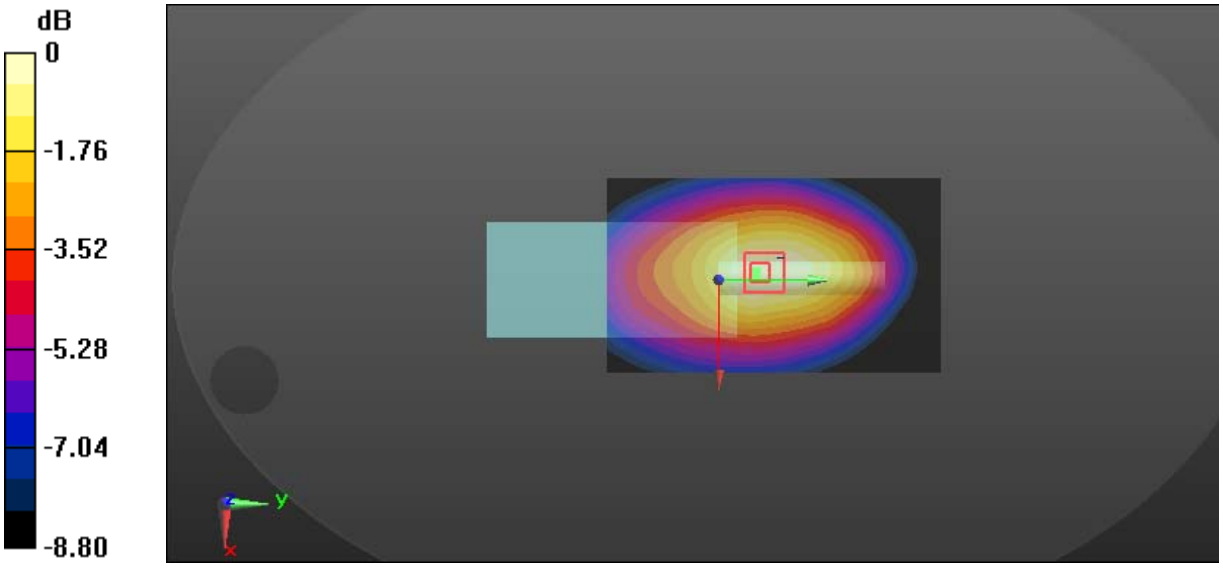
Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 400.012 MHz; σ = 0.937 S/m; ε_r = 55.867; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 12.9 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.95 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(1 g) = 9.45 W/kg; SAR(10 g) = 6.79 W/kg
Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg = 11.00 dBW/kg

Test Plot 10#: PTT_FM 25kHz_Body Back_417 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

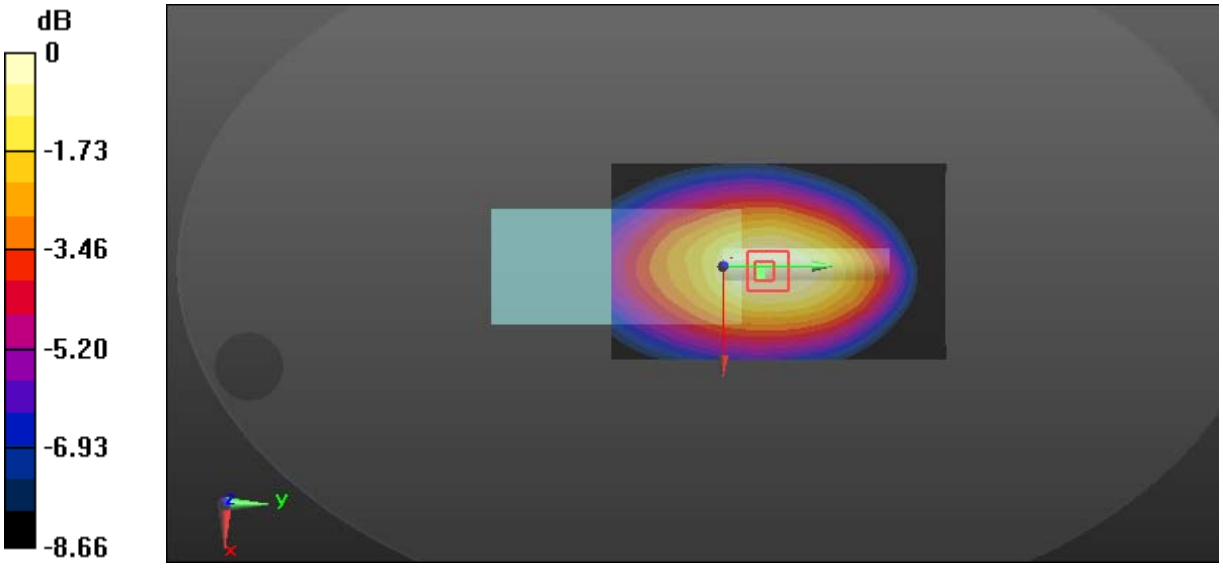
Communication System: FM; Frequency: 417 MHz;Duty Cycle: 1:1
Medium parameters used: f = 417 MHz; σ = 0.941 S/m; ε_r = 55.529; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.99 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 79.85 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 7.23 W/kg; SAR(10 g) = 5.25 W/kg
Maximum value of SAR (measured) = 9.42 W/kg



0 dB = 9.42 W/kg = 9.74 dBW/kg

Test Plot 11#: PTT_FM 25kHz_Body Back_435 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

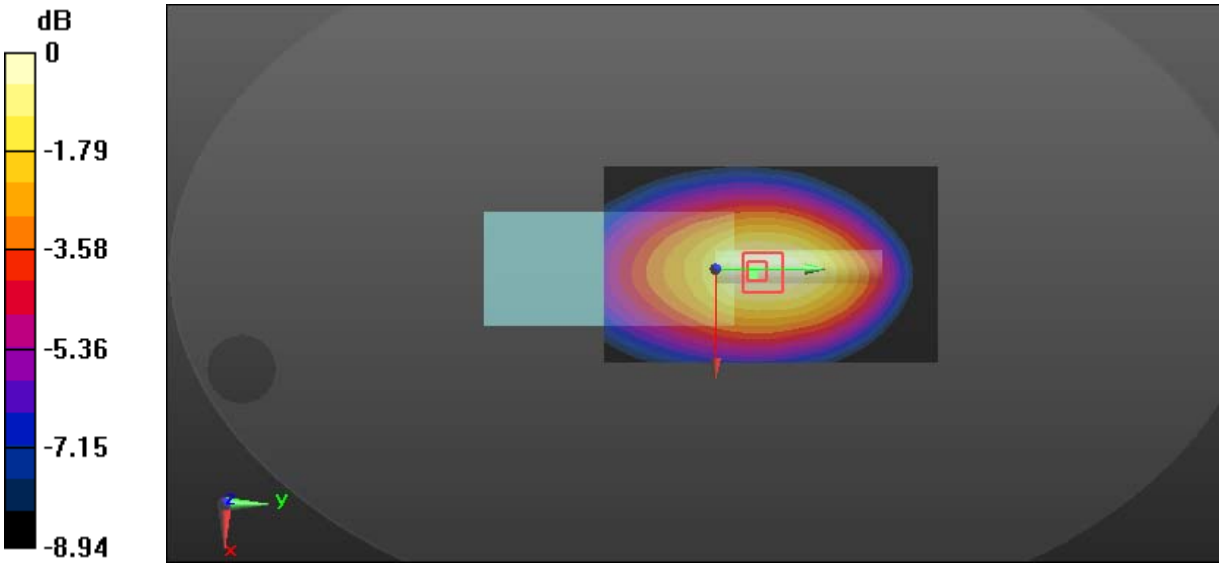
Communication System: FM; Frequency: 435 MHz;Duty Cycle: 1:1
Medium parameters used: f = 435 MHz; σ = 0.955 S/m; ε_r = 55.198; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.58 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 77.77 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 11.3 W/kg
SAR(1 g) = 7 W/kg; SAR(10 g) = 5.01 W/kg
Maximum value of SAR (measured) = 9.51 W/kg



0 dB = 9.51 W/kg = 9.78 dBW/kg

Test Plot 12#: PTT_FM 25kHz_Body Back_452 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

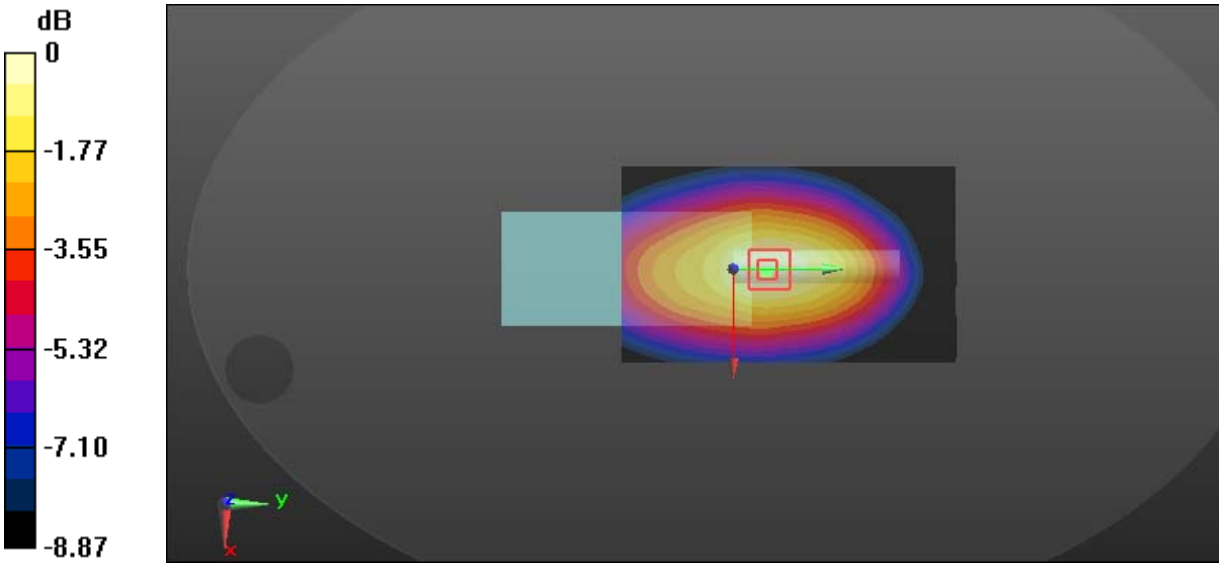
Communication System: FM; Frequency: 452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 452 MHz; σ = 0.967 S/m; ε_r = 54.866; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 10.4 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 80.62 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 7.63 W/kg; SAR(10 g) = 5.48 W/kg
Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 10.2 W/kg = 10.09 dBW/kg

Test Plot 13#: PTT_FM 25kHz_Body Back_469.9875 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

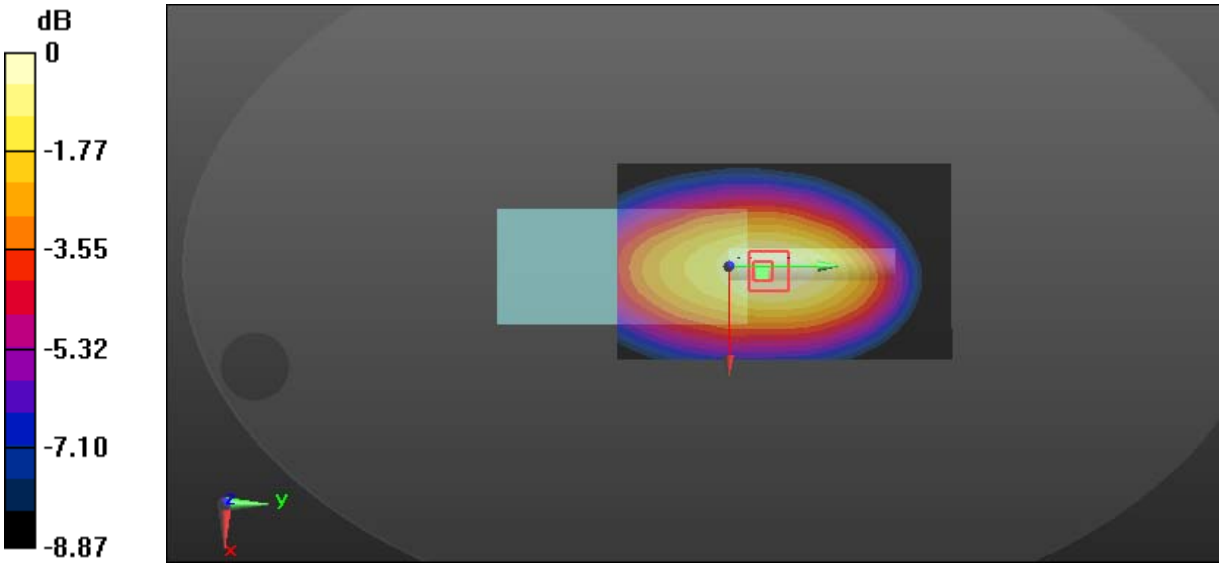
Communication System: FM; Frequency: 469.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 469.988 MHz; σ = 0.973 S/m; ε_r = 54.209; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.09 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 62.24 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 6.99 W/kg
SAR(1 g) = 4.28 W/kg; SAR(10 g) = 3.05 W/kg
Maximum value of SAR (measured) = 5.84 W/kg



0 dB = 5.84 W/kg = 7.66 dBW/kg

Test Plot 14#: PTT_4FSK 12.5kHz_Body Back_417 MHz

DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220

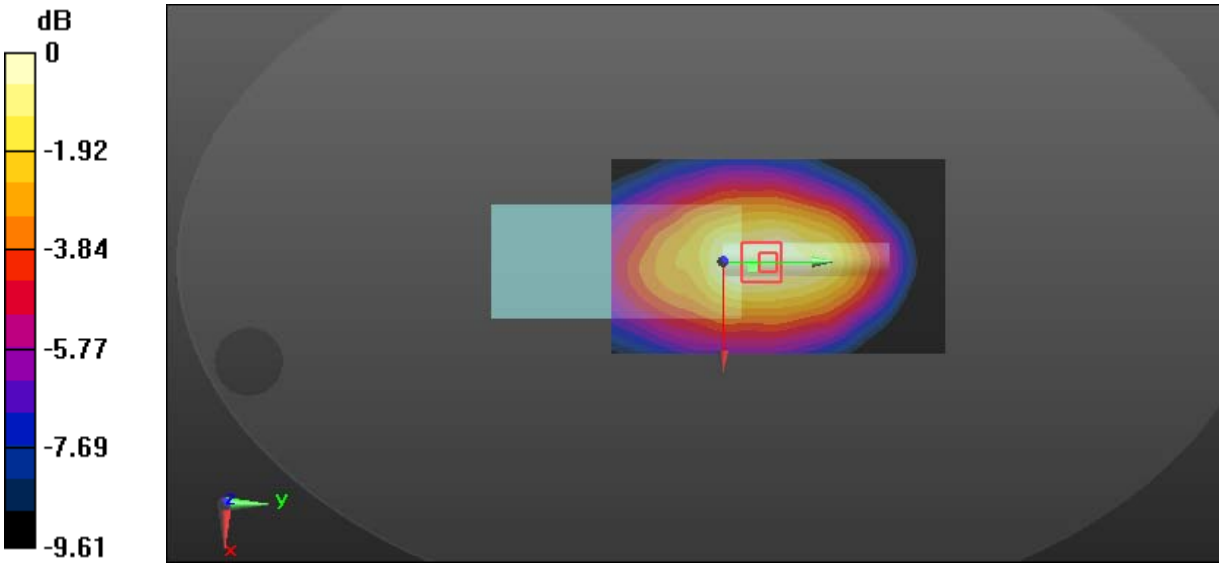
Communication System: 4FSK; Frequency: 400.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 400.012 MHz; σ = 0.937 S/m; ε_r = 55.867; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.77 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 72.63 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 8.61 W/kg
SAR(1 g) = 5.38 W/kg; SAR(10 g) = 3.89 W/kg
Maximum value of SAR (measured) = 7.28 W/kg



0 dB = 7.28 W/kg = 8.62 dBW/kg