Test Plot 1#: FM_12.5kHz_452.4875MHz_ Face Up

DUT: DMR Digital Portable Radio; Type: D30; Serial: RXM210414051-SA-S1

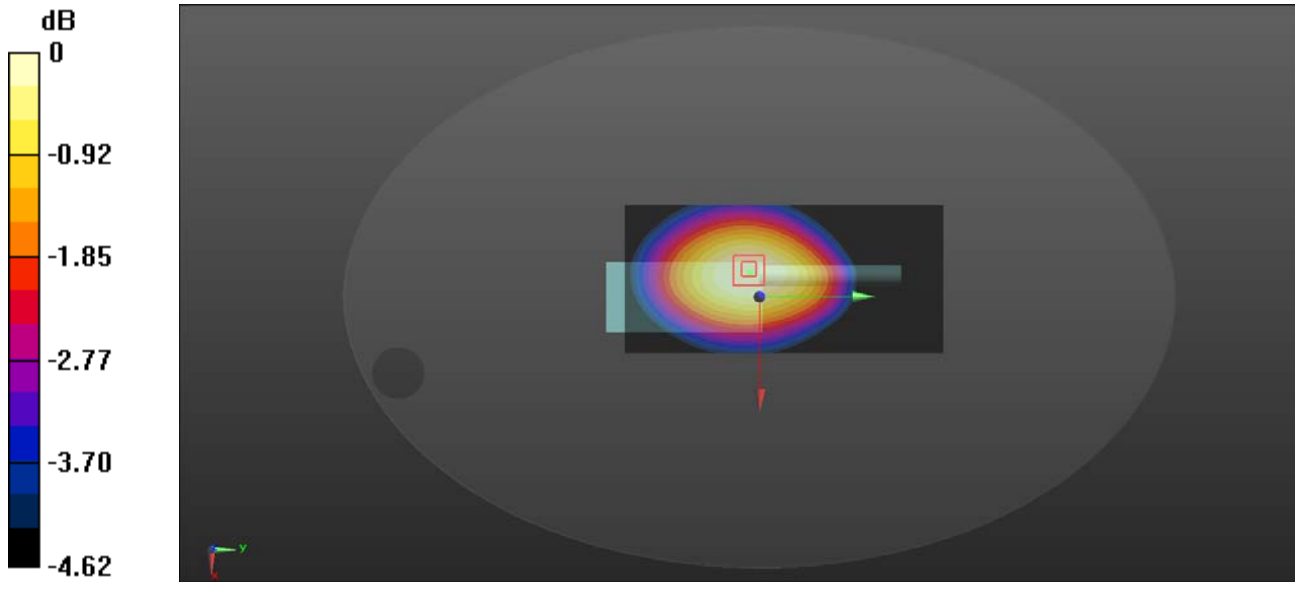
Communication System: FM; Frequency: 452.488 MHz;Duty Cycle: 1:1
Medium parameters used: f = 452.488 MHz; σ = 0.893 S/m; ε_r = 43.534; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.04 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 78.93 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 6.39 W/kg
SAR(1 g) = 5.7 W/kg; SAR(10 g) = 4.88 W/kg
Maximum value of SAR (measured) = 5.84 W/kg



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

Test Plot 2#: 4FSK_452.4875MHz_ Face Up

DUT: DMR Digital Portable Radio; Type: D30; Serial: RXM210414051-SA-S1

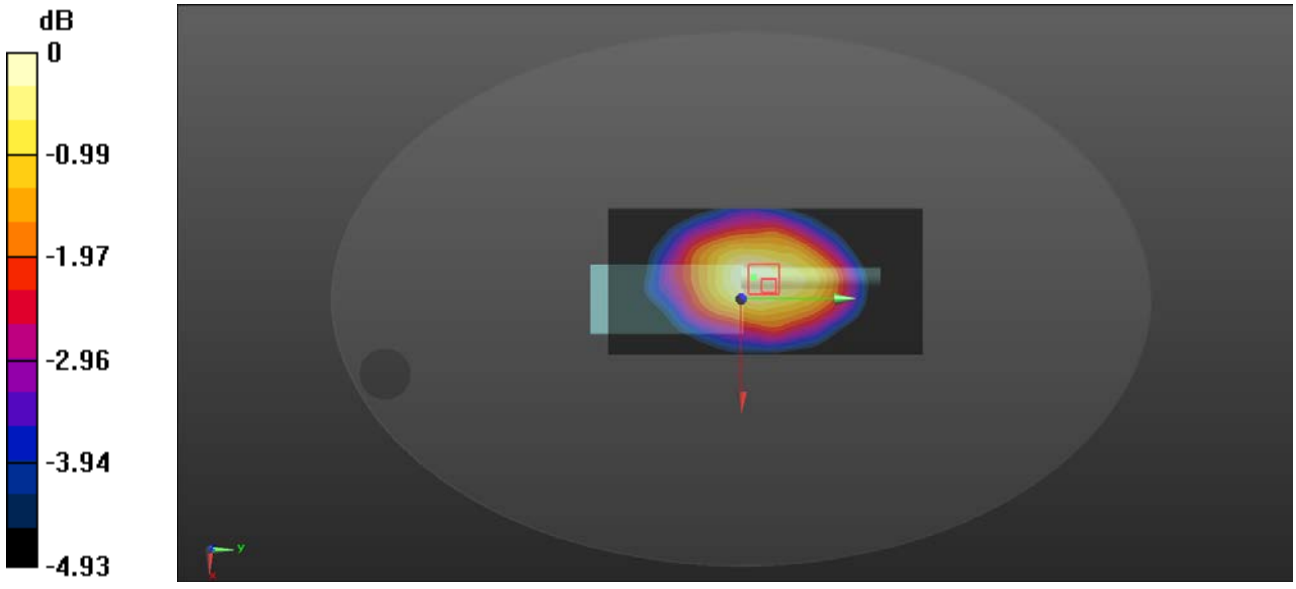
Communication System:4FSK; Frequency: 452.488 MHz;Duty Cycle: 1:2
Medium parameters used: f = 452.488 MHz; σ = 0.893 S/m; ε_r = 43.534; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.60 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 48.02 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.23 W/kg
SAR(1 g) = 2.45 W/kg; SAR(10 g) = 2.02 W/kg
Maximum value of SAR (measured) = 2.55 W/kg



0 dB = 2.55 W/kg = 4.07 dBW/kg

Test Plot 3#: FM_12.5kHz_400.0125MHz_ Body Back

DUT: DMR Digital Portable Radio; Type: D30; Serial: RXM210414051-SA-S1

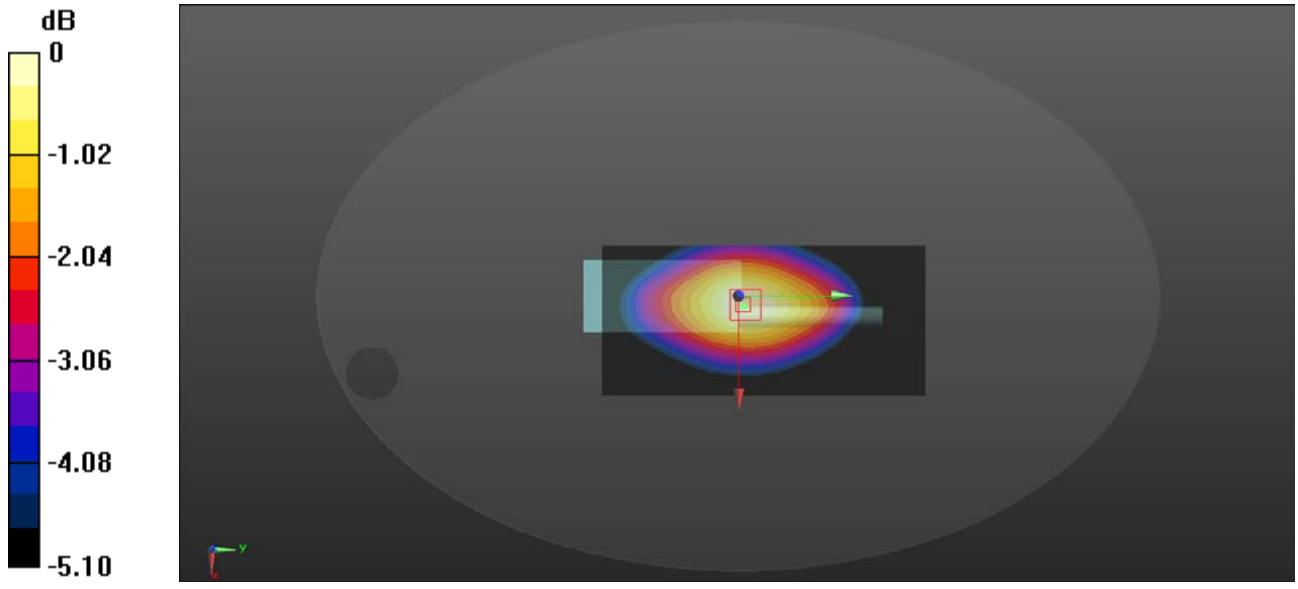
Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 400.012 MHz; σ = 0.856 S/m; ε_r = 44.312; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.35 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 79.29 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 6.20 W/kg
SAR(1 g) = 5.11 W/kg; SAR(10 g) = 4.14 W/kg
Maximum value of SAR (measured) = 5.31 W/kg



0 dB = 5.31 W/kg = 7.25 dBW/kg

Test Plot 4#: FM_12.5kHz_417.5125MHz_ Body Back

DUT: DMR Digital Portable Radio; Type: D30; Serial: RXM210414051-SA-S1

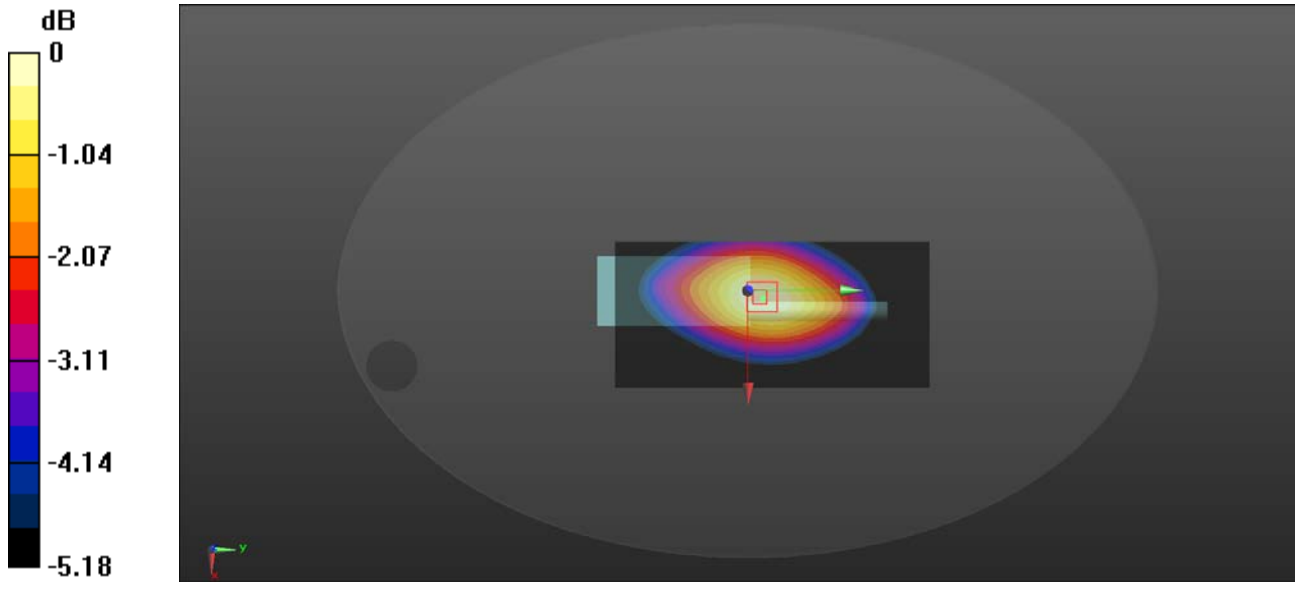
Communication System: FM; Frequency: 417.512 MHz;Duty Cycle: 1:1
Medium parameters used: f = 417.512 MHz; σ = 0.863 S/m; ε_r = 44.095; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 417.512 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.72 W/kg

Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 68.45 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 4.37 W/kg
SAR(1 g) = 3.57 W/kg; SAR(10 g) = 2.88 W/kg
Maximum value of SAR (measured) = 3.71 W/kg



0 dB = 3.71 W/kg = 5.69 dBW/kg

Test Plot 5#: FM_12.5kHz_435MHz_ Body Back

DUT: DMR Digital Portable Radio; Type: D30; Serial: RXM210414051-SA-S1

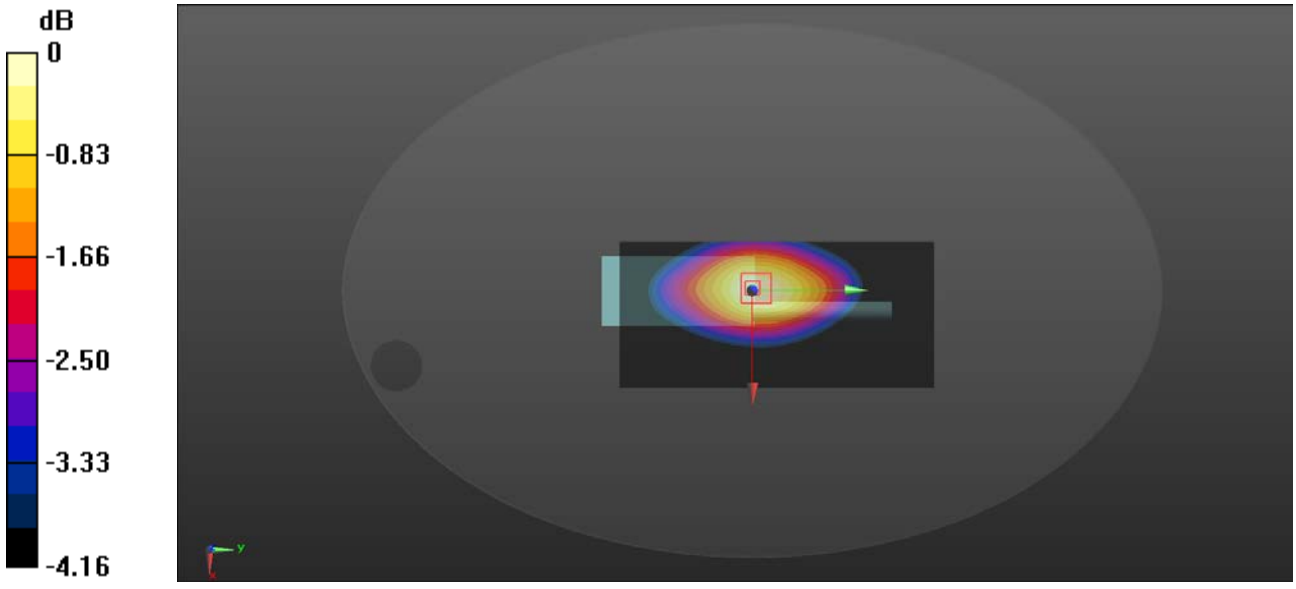
Communication System: FM; Frequency: 435 MHz;Duty Cycle: 1:1
Medium parameters used: f = 435 MHz; σ = 0.874 S/m; ε_r = 43.863; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 435 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.29 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 77.19 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 6.23 W/kg
SAR(1 g) = 5.05 W/kg; SAR(10 g) = 4.03 W/kg
Maximum value of SAR (measured) = 5.27 W/kg



0 dB = 5.27 W/kg = 7.22 dBW/kg

Test Plot 6#: FM_12.5kHz_452.4875MHz_ Body Back

DUT: DMR Digital Portable Radio; Type: D30; Serial: RXM210414051-SA-S1

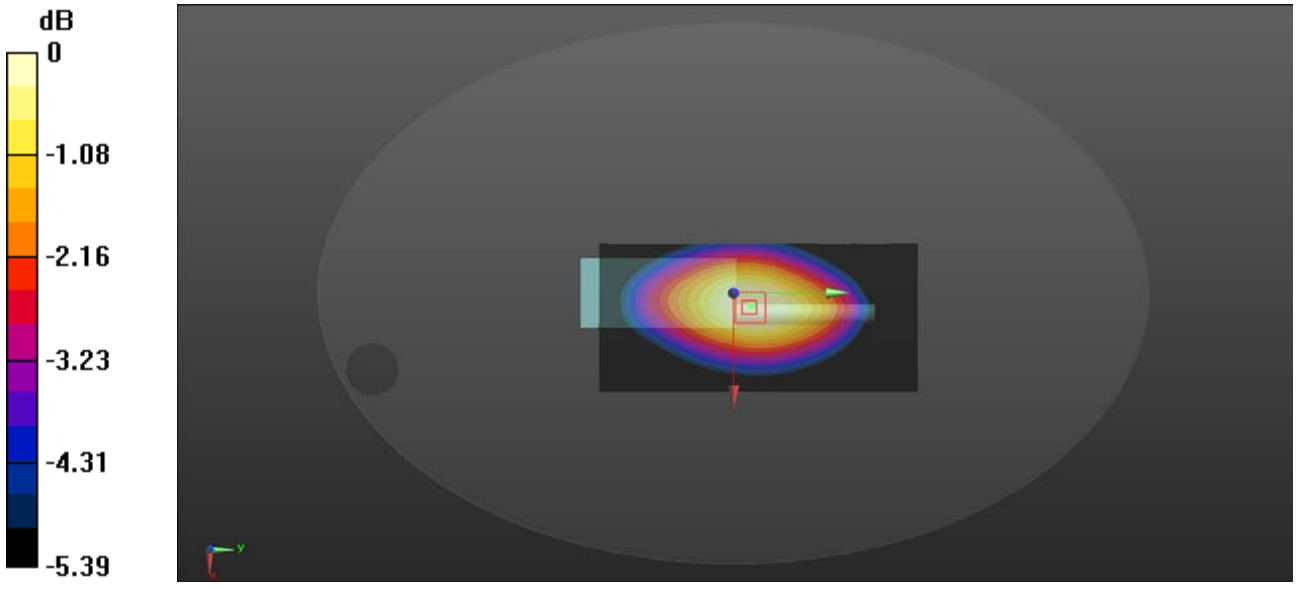
Communication System: FM; Frequency: 452.488 MHz;Duty Cycle: 1:1
Medium parameters used: f = 452.488 MHz; σ = 0.893 S/m; ε_r = 43.534; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.20 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 92.71 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 10.5 W/kg
SAR(1 g) = 8.41 W/kg; SAR(10 g) = 6.67 W/kg
Maximum value of SAR (measured) = 8.73 W/kg



0 dB = 8.73 W/kg = 9.41 dBW/kg

Test Plot 7#: FM_12.5kHz_469.9875MHz_ Body Back

DUT: DMR Digital Portable Radio; Type: D30; Serial: RXM210414051-SA-S1

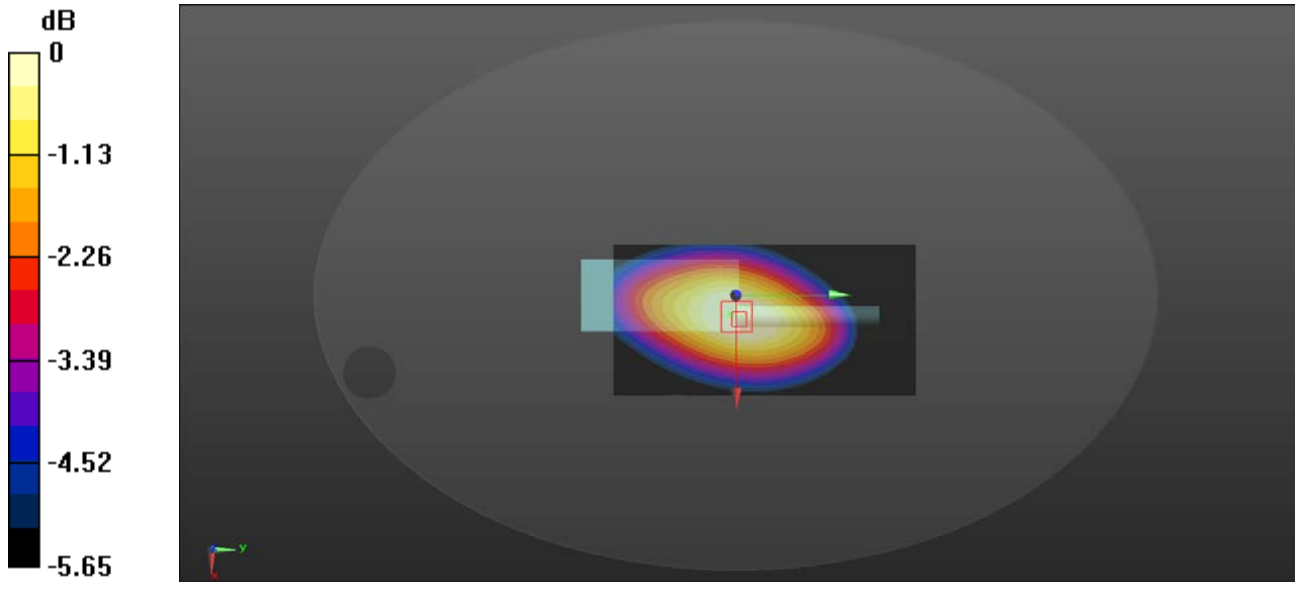
Communication System: FM; Frequency: 469.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 469.988 MHz; σ = 0.901 S/m; ε_r = 43.41; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 469.988 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.74 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 79.74 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 6.37 W/kg
SAR(1 g) = 5.04 W/kg; SAR(10 g) = 4 W/kg
Maximum value of SAR (measured) = 5.24 W/kg



0 dB = 5.24 W/kg = 7.19 dBW/kg

Test Plot 8#: 4FSK_452.4875MHz_ Body Back

DUT: DMR Digital Portable Radio; Type: D30; Serial: RXM210414051-SA-S1

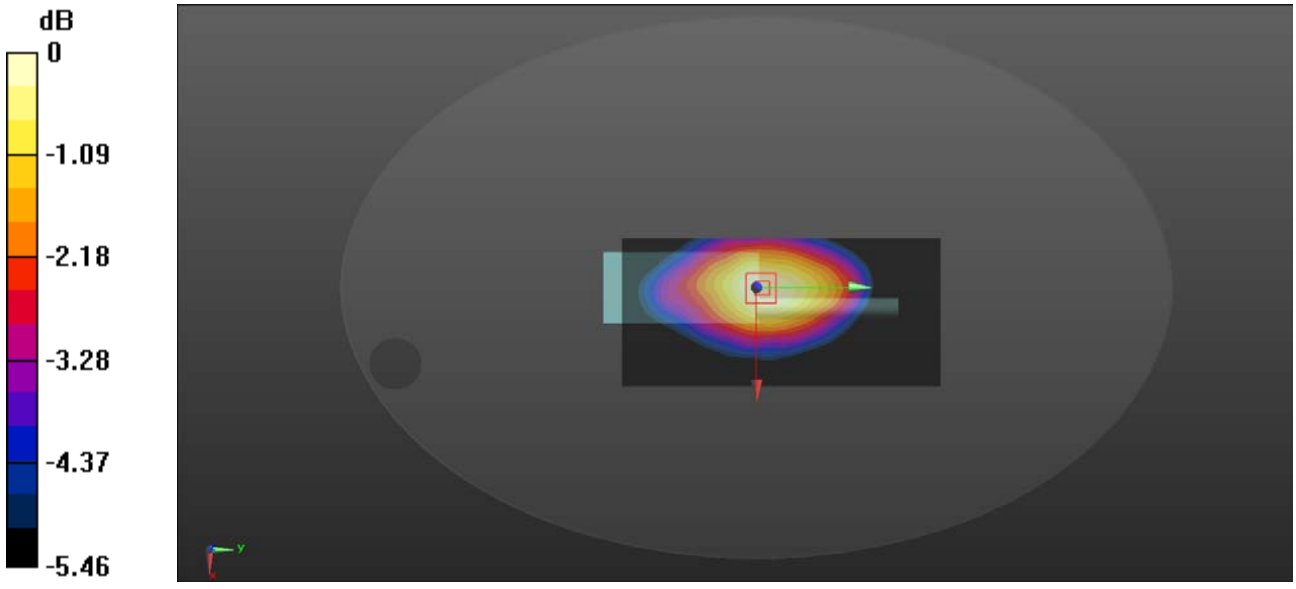
Communication System:4FSK; Frequency: 452.488 MHz;Duty Cycle: 1:2
Medium parameters used: f = 452.488 MHz; σ = 0.893 S/m; ε_r = 43.534; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.86 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 67.56 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 4.28 W/kg
SAR(1 g) = 3.54 W/kg; SAR(10 g) = 2.79 W/kg
Maximum value of SAR (measured) = 3.82 W/kg



0 dB = 3.82 W/kg = 5.82 dBW/kg