Test Plot 1#:FM_12.5kHz_136.0125MHz_Face Up_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

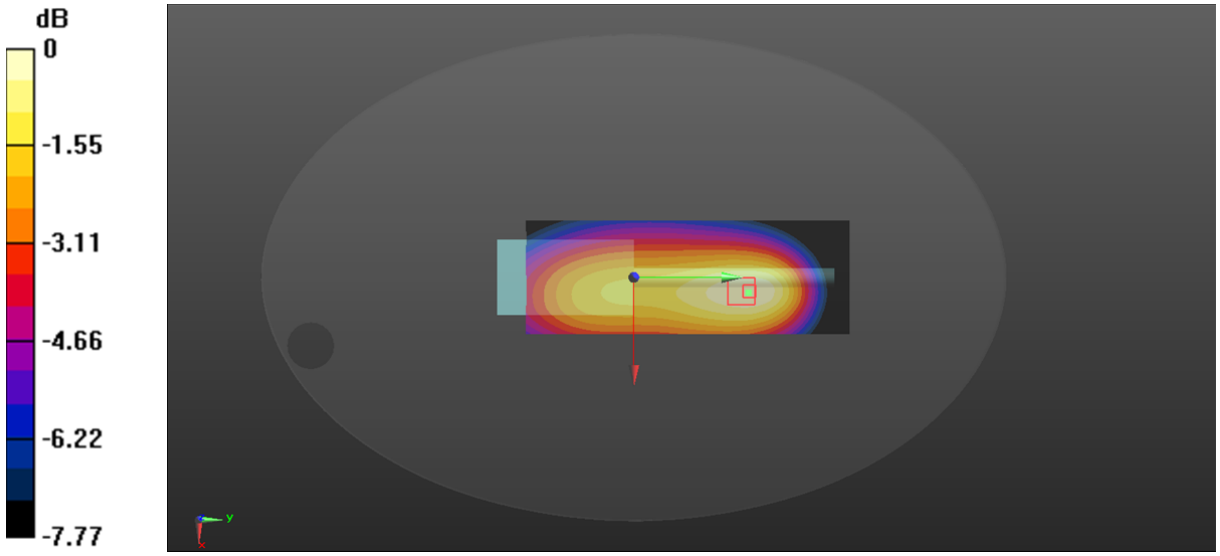
Communication System: FM; Frequency: 136.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 136.012 MHz; σ = 0.749 S/m; ε_r = 52.643; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 136.012 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 (61x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.60 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.77 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.23 W/kg
SAR(1 g) = 1.51 W/kg; SAR(10 g) = 1.11 W/kg
Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

Test Plot 2#: FM_12.5kHz_153.0125MHz_Face Up_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

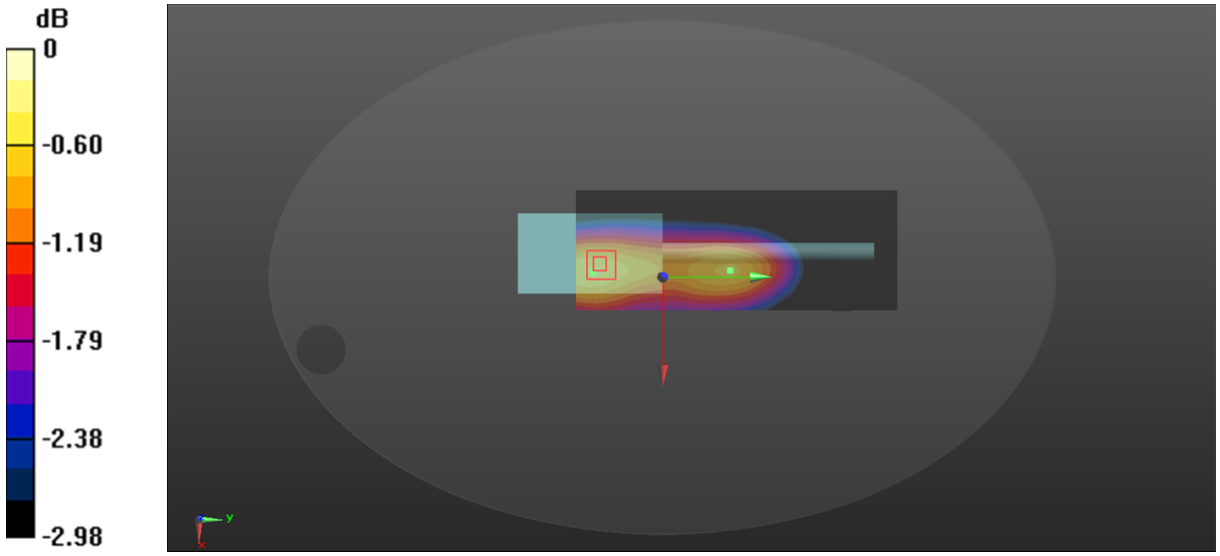
Communication System: FM; Frequency: 153.013 MHz;Duty Cycle: 1:1
Medium parameters used: f = 153.013 MHz; σ = 0.768 S/m; ε_r = 52.479; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 153.013 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.562 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.93 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.799 W/kg
SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.477 W/kg
Maximum value of SAR (measured) = 0.612 W/kg



0 dB = 0.612 W/kg = -2.13 dBW/kg

Test Plot 3#: FM_25kHz_136.0125MHz_Face Up_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

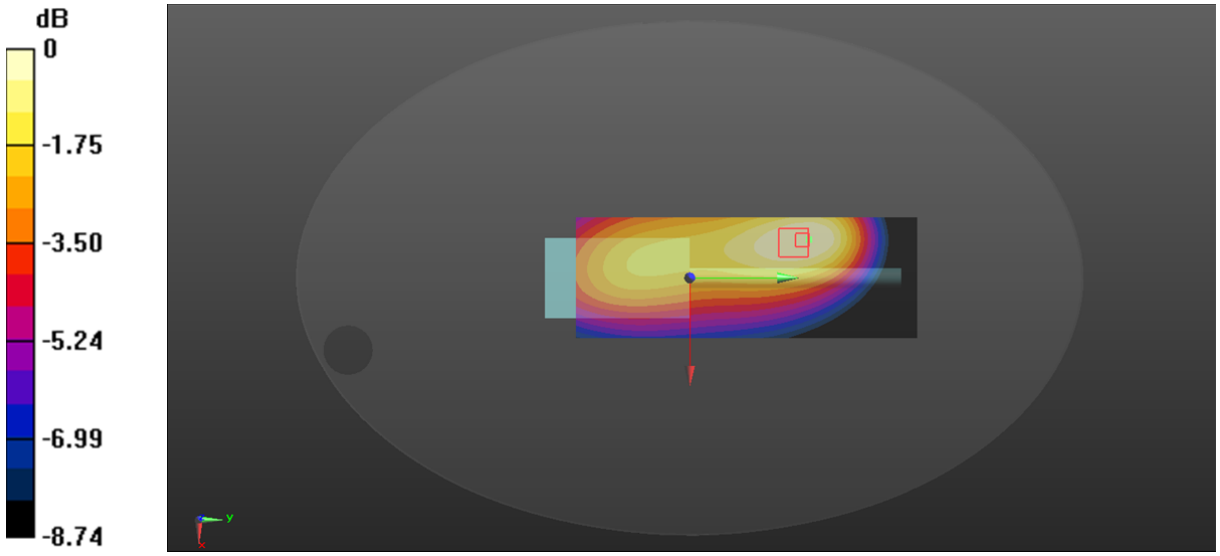
Communication System: FM; Frequency: 136.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 136.012 MHz; σ = 0.749 S/m; ε_r = 52.643; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 136.012 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 (61x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.81 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.63 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 1.66 W/kg; SAR(10 g) = 1.21 W/kg
Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.73 W/kg = 2.38 dBW/kg

Test Plot 4#: FM_25kHz_143MHz_Face Up_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

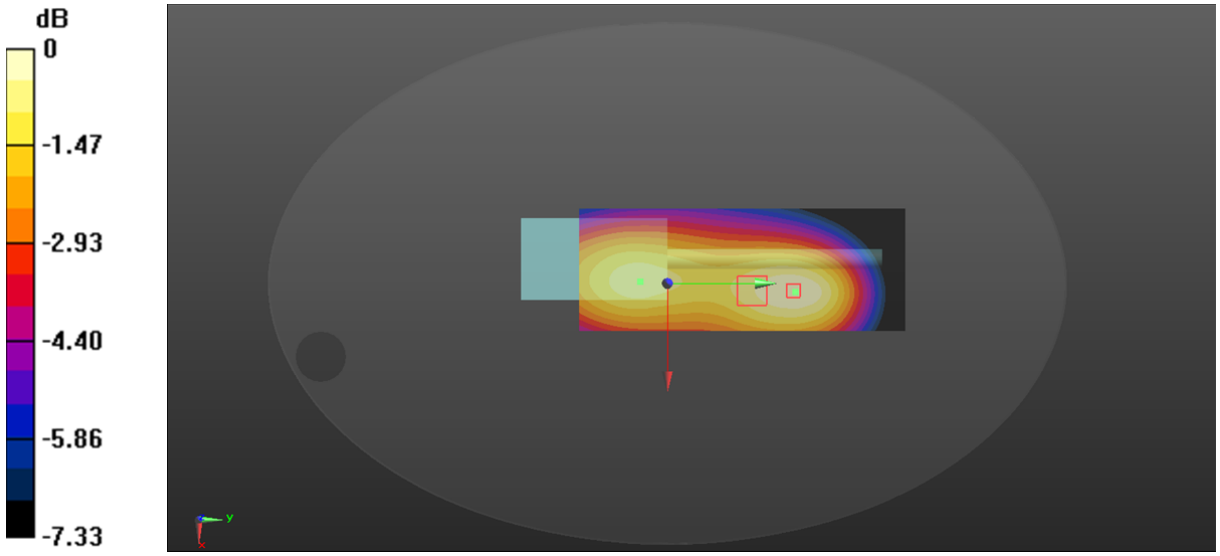
Communication System: FM; Frequency: 143 MHz;Duty Cycle: 1:1
Medium parameters used: f = 143 MHz; σ = 0.751 S/m; ε_r = 52.607; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 143 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.52 W/kg

Zoom Scan (6x9x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.14 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 1.49 W/kg; SAR(10 g) = 1.14 W/kg
Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

Test Plot 5#: FM_25kHz_149.9875MHz_Face Up_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

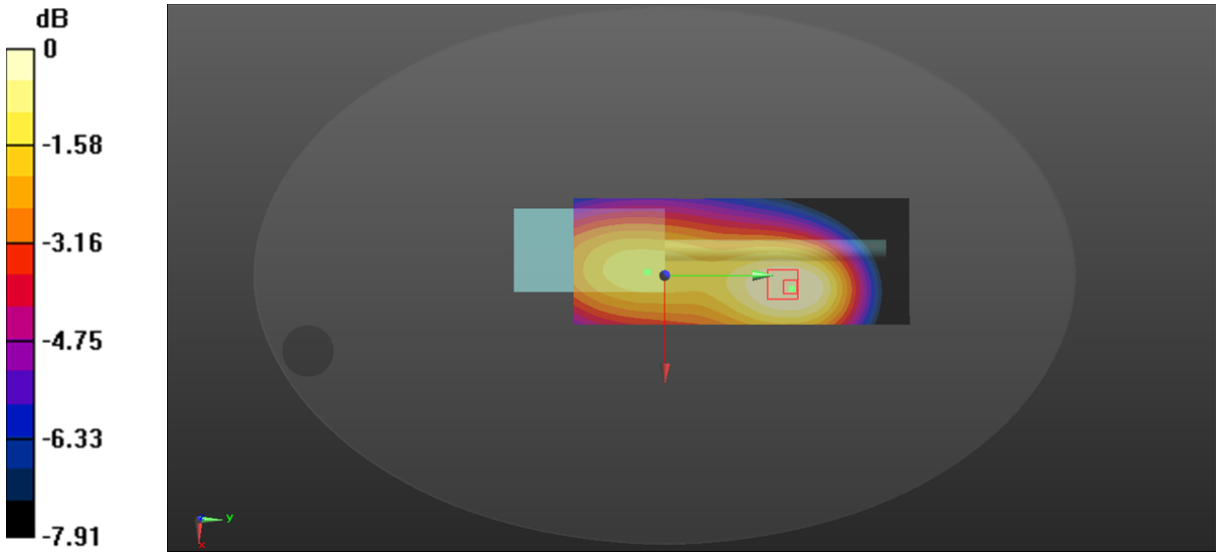
Communication System: FM; Frequency: 149.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 149.988 MHz; σ = 0.764 S/m; ε_r = 52.483; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 149.988 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.835 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.17 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.561 W/kg
Maximum value of SAR (measured) = 0.782 W/kg



0 dB = 0.782 W/kg = -1.07 dBW/kg

Test Plot 6#: FM_25kHz_146.0125MHz_Face Up_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

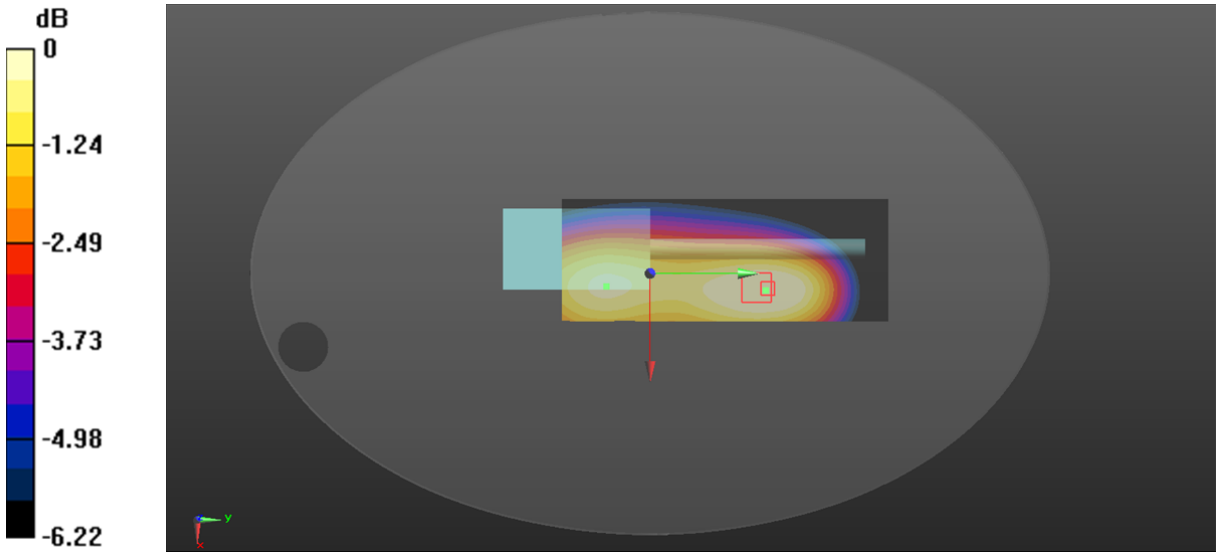
Communication System: FM; Frequency: 146.013 MHz;Duty Cycle: 1:1
Medium parameters used: f = 146.013 MHz; σ = 0.756 S/m; ε_r = 52.576; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 146.013 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.780 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.68 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.537 W/kg
Maximum value of SAR (measured) = 0.732 W/kg



0 dB = 0.732 W/kg = -1.35 dBW/kg

Test Plot 7#: FM_25kHz_153.0125MHz_Face Up_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

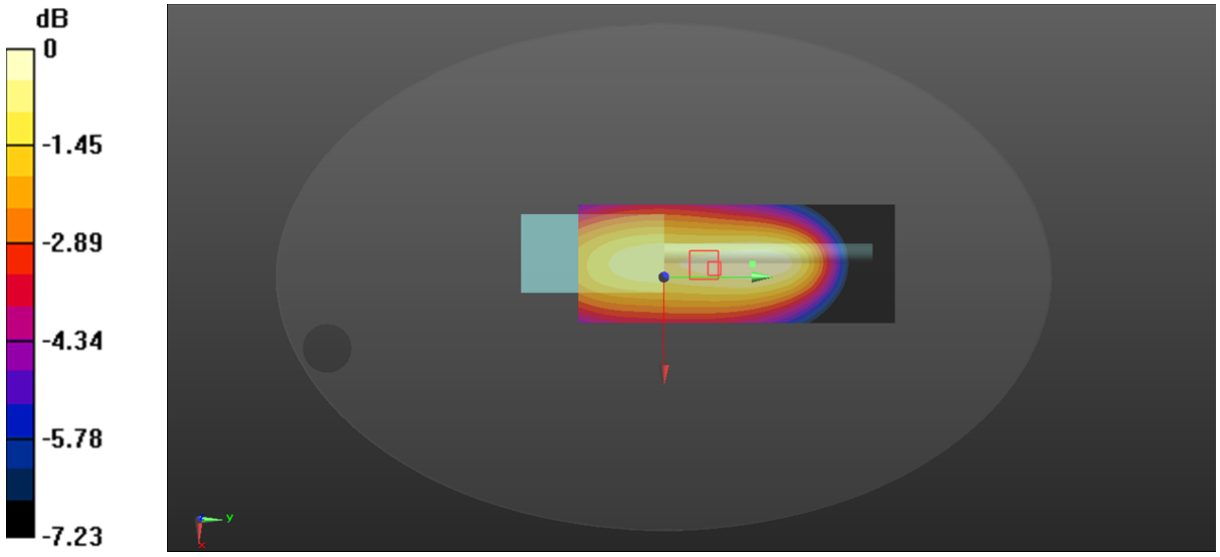
Communication System: FM; Frequency: 153.013 MHz;Duty Cycle: 1:1
Medium parameters used: f = 153.013 MHz; σ = 0.768 S/m; ε_r = 52.479; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 153.013 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.41 W/kg

Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.66 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.4 W/kg; SAR(10 g) = 1.12 W/kg
Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

Test Plot 8#: FM_25kHz_160MHz_Face Up_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

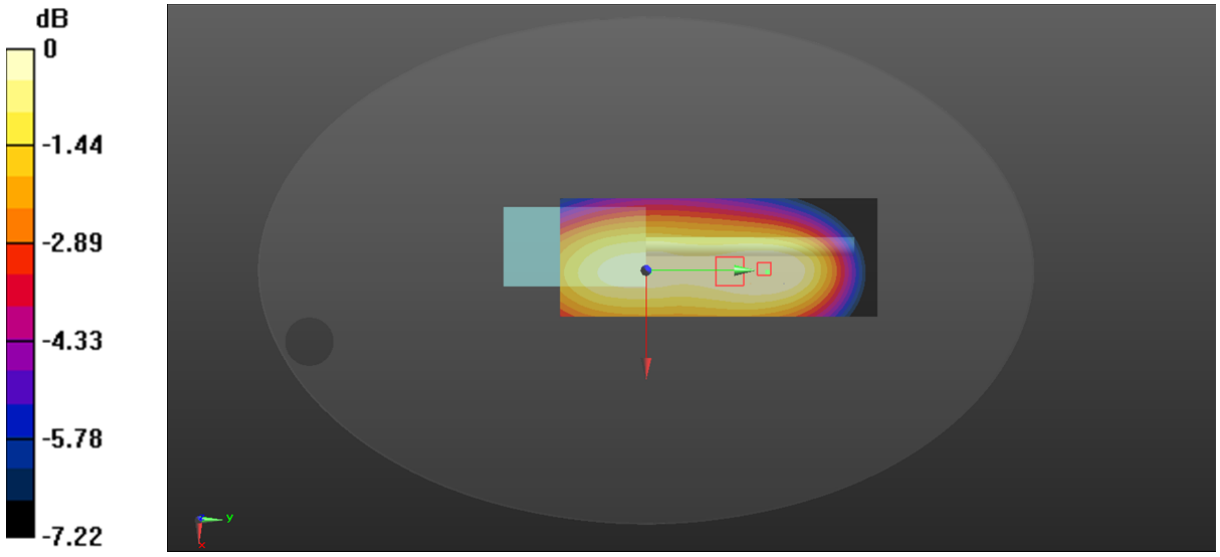
Communication System: FM; Frequency: 160 MHz;Duty Cycle: 1:1
Medium parameters used: f = 160 MHz; σ = 0.772 S/m; ε_r = 52.476; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 160 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Zoom Scan (6x9x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 44.21 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 1.31 W/kg; SAR(10 g) = 1.02 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

Test Plot 9#: FM_25kHz_166.9875MHz_Face Up_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

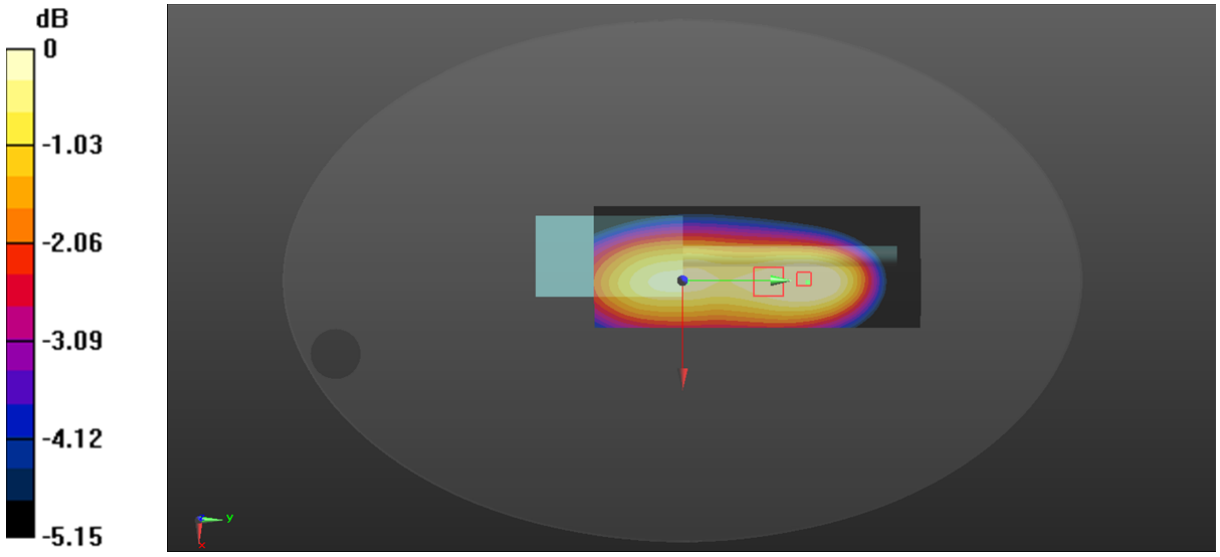
Communication System: FM; Frequency: 166.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 166.988 MHz; σ = 0.779 S/m; ε_r = 52.217; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 166.988 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.18 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.978 W/kg; SAR(10 g) = 0.803 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

Test Plot 10#: FM_25kHz_173.9875MHz_Face Up_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

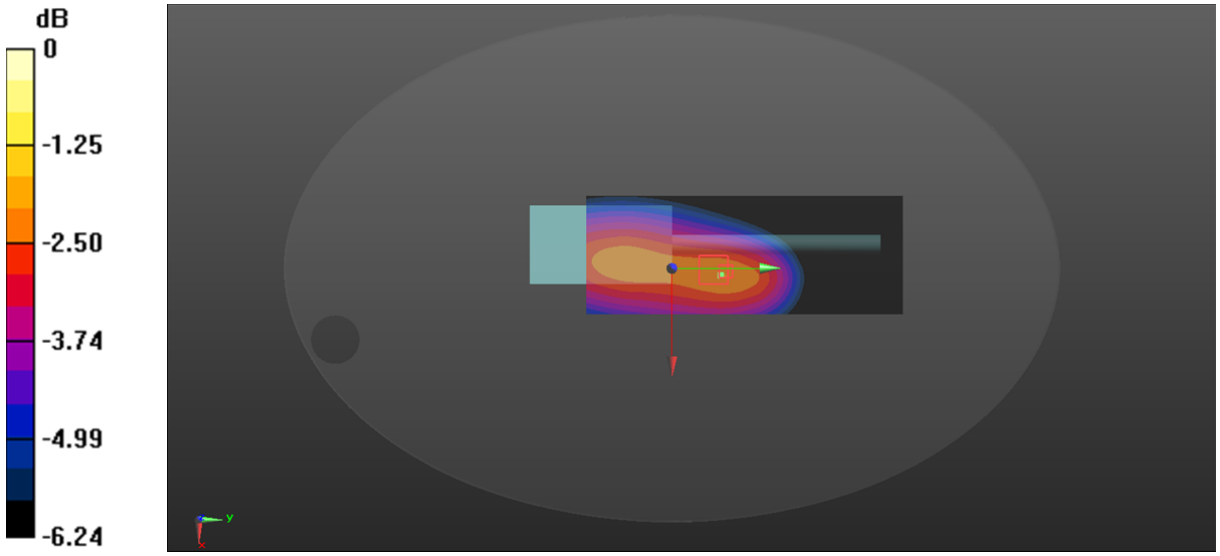
Communication System: FM; Frequency: 173.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 173.988 MHz; σ = 0.786 S/m; ε_r = 52.005; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 173.988 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.410 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.34 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.932 W/kg
SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.510 W/kg
Maximum value of SAR (measured) = 0.659 W/kg



0 dB = 0.659 W/kg = -1.81 dBW/kg

Test Plot 11#:4FSK_136.0125MHz_Face Up_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

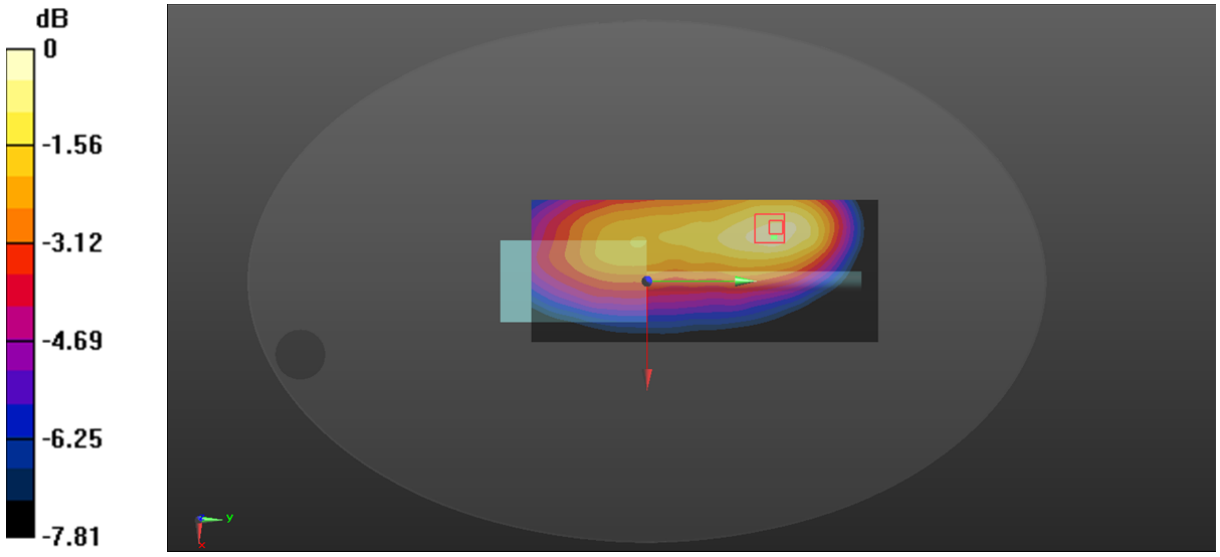
Communication System:4FSK; Frequency: 136.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 136.012 MHz; σ = 0.749 S/m; ε_r = 52.643; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 136.012 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 (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.563 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.24 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.779 W/kg
SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.403 W/kg
Maximum value of SAR (measured) = 0.583 W/kg



0 dB = 0.583 W/kg = -2.34 dBW/kg

Test Plot 12#:4FSK_153.0125MHz_Face Up_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

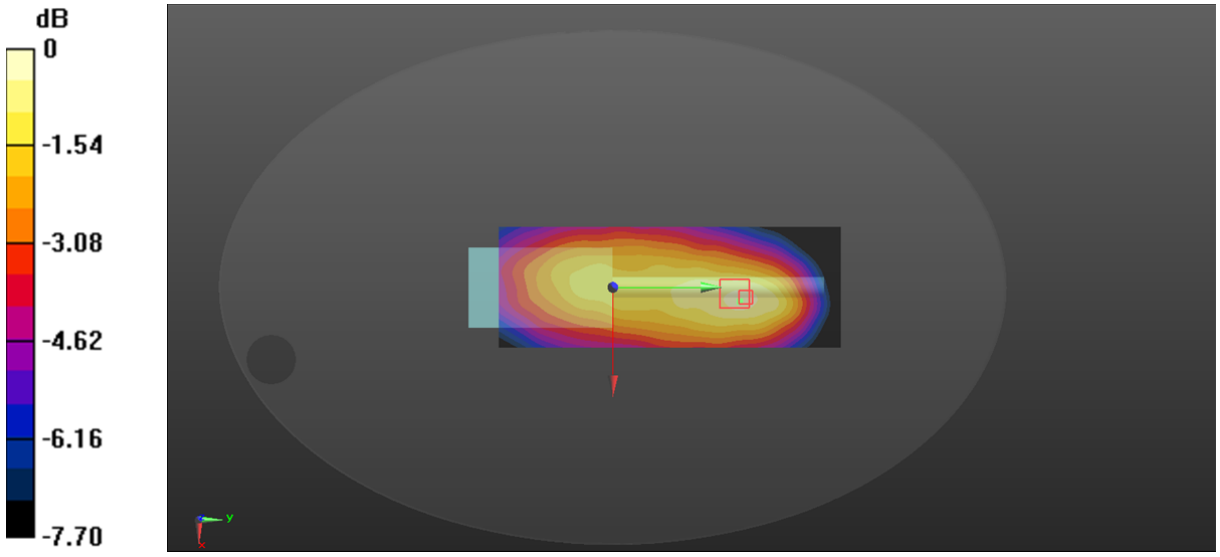
Communication System:4FSK; Frequency: 153.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 153.012 MHz; σ = 0.768 S/m; ε_r = 52.479; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 153.012 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 (61x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.579 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.34 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.934 W/kg
SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.442 W/kg
Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.620 W/kg = -2.08 dBW/kg

Test Plot 13#: FM_12.5kHz_136.0125MHz_Body Back_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

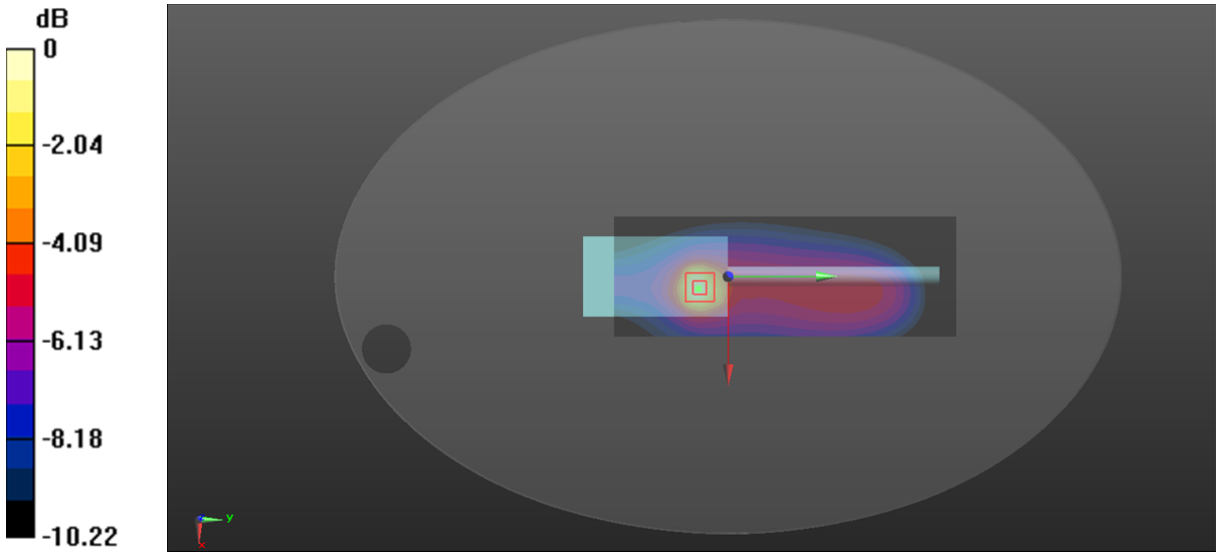
Communication System: FM; Frequency: 136.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 136.012 MHz; σ = 0.776 S/m; ε_r = 62.165; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 136.012 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 (61x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 10.1 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 73.97 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 26.0 W/kg
SAR(1 g) = 9.44 W/kg; SAR(10 g) = 4.59 W/kg
Maximum value of SAR (measured) = 10.4 W/kg



0 dB = 10.4 W/kg = 10.17 dBW/kg

Test Plot 14#: FM_12.5kHz_143MHz_Body Back_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG2103300017-SA-S1

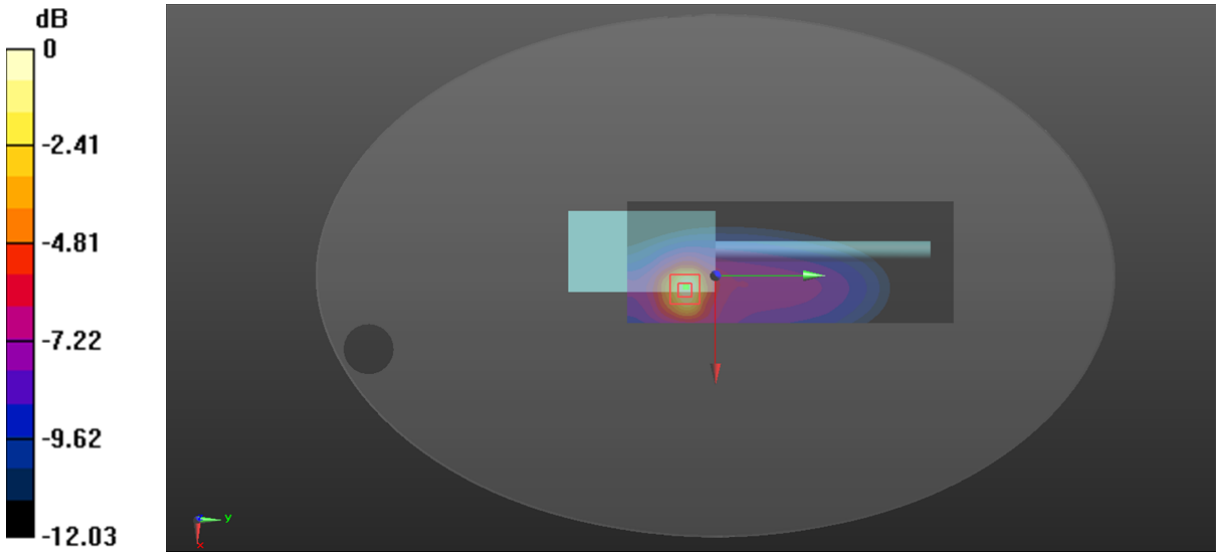
Communication System: FM; Frequency: 143 MHz;Duty Cycle: 1:1
Medium parameters used: f = 143 MHz; σ = 0.779 S/m; ε_r = 62.071; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 143 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.54 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 50.85 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 6.53 W/kg; SAR(10 g) = 3.19 W/kg
Maximum value of SAR (measured) = 6.98 W/kg



0 dB = 6.98 W/kg = 8.44 dBW/kg

Test Plot 15#: FM_12.5kHz_149.9875MHz_Body Back_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

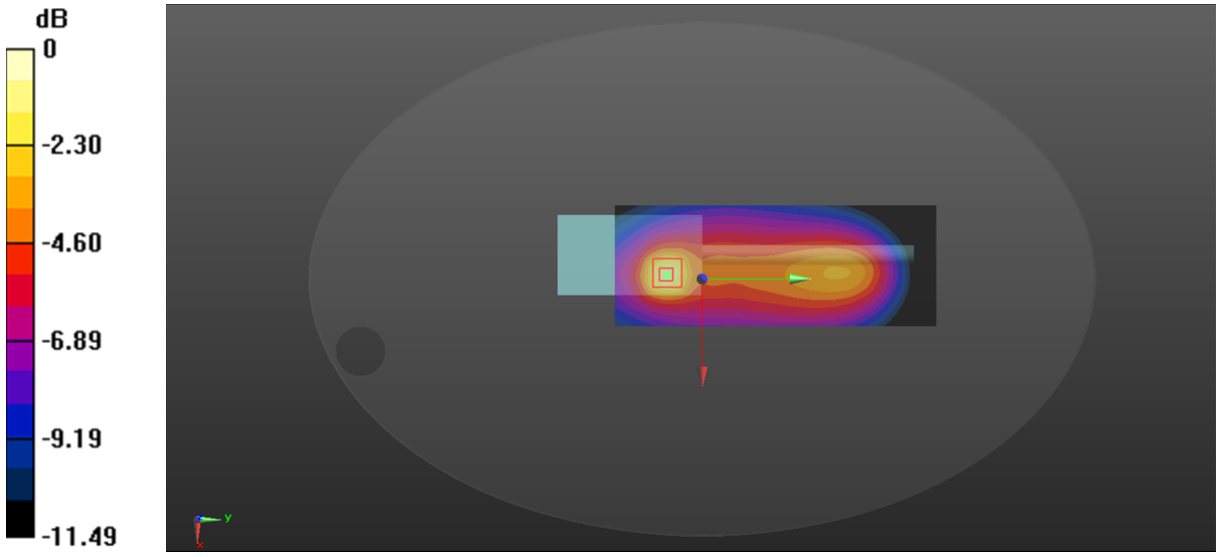
Communication System: FM; Frequency: 149.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 149.988 MHz; σ = 0.789 S/m; ε_r = 61.926; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 149.988 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.76 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 3.12 W/kg
SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.681 W/kg
Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

Test Plot 16#: FM_12.5kHz_153.0125MHz_Body Back_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

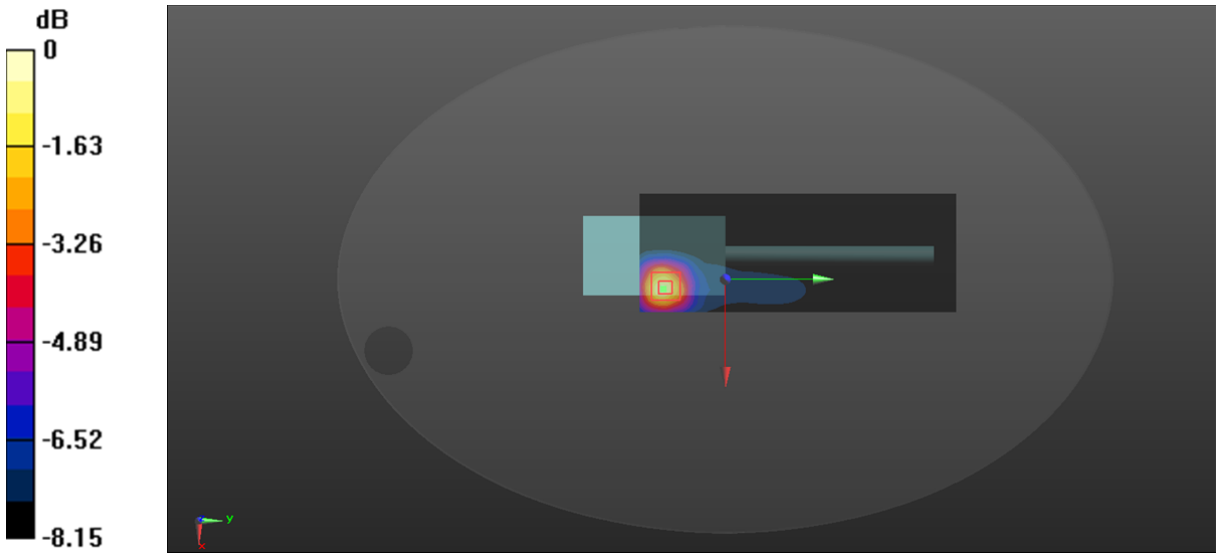
Communication System: FM; Frequency: 153.013 MHz;Duty Cycle: 1:1
Medium parameters used: f = 153.013 MHz; σ = 0.798 S/m; ε_r = 61.886; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 153.013 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.67 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.72 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 25.7 W/kg
SAR(1 g) = 6.46 W/kg; SAR(10 g) = 2.87 W/kg
Maximum value of SAR (measured) = 6.19 W/kg



0 dB = 6.19 W/kg = 7.92 dBW/kg

Test Plot 17#: FM_25kHz_136.0125MHz_Body Back_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG2103300017-SA-S1

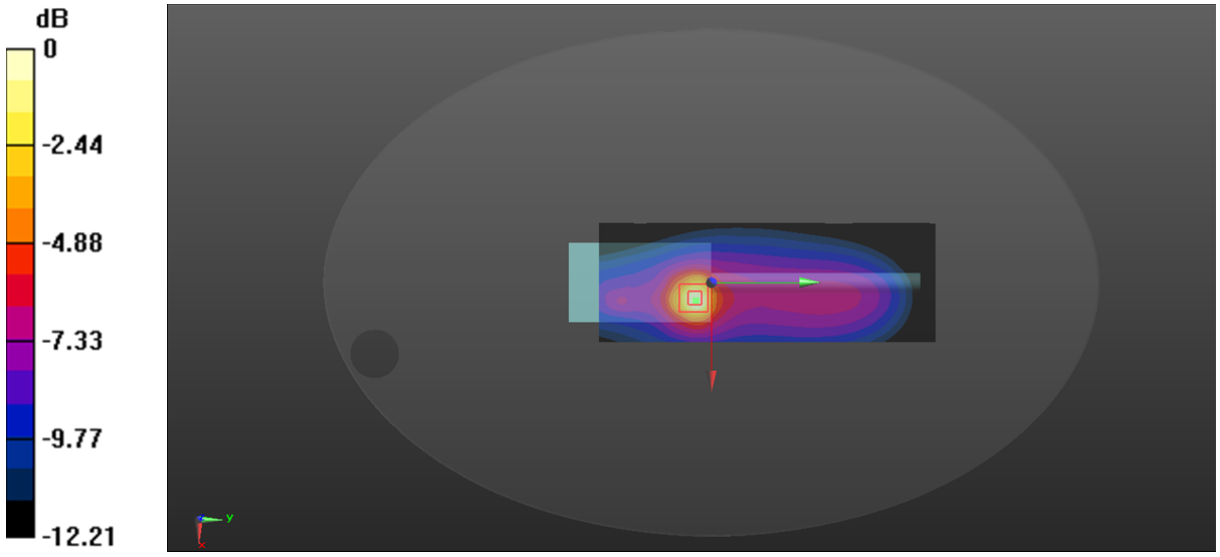
Communication System: FM; Frequency: 136.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 136.012 MHz; σ = 0.776 S/m; ε_r = 62.165; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 136.012 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 (61x171x1): 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 = 69.38 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 42.2 W/kg
SAR(1 g) = 11.8 W/kg; SAR(10 g) = 5.17 W/kg
Maximum value of SAR (measured) = 12.3 W/kg



0 dB = 12.3 W/kg = 10.90 dBW/kg

Test Plot 18#: FM_25kHz_143MHz_Body Back_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

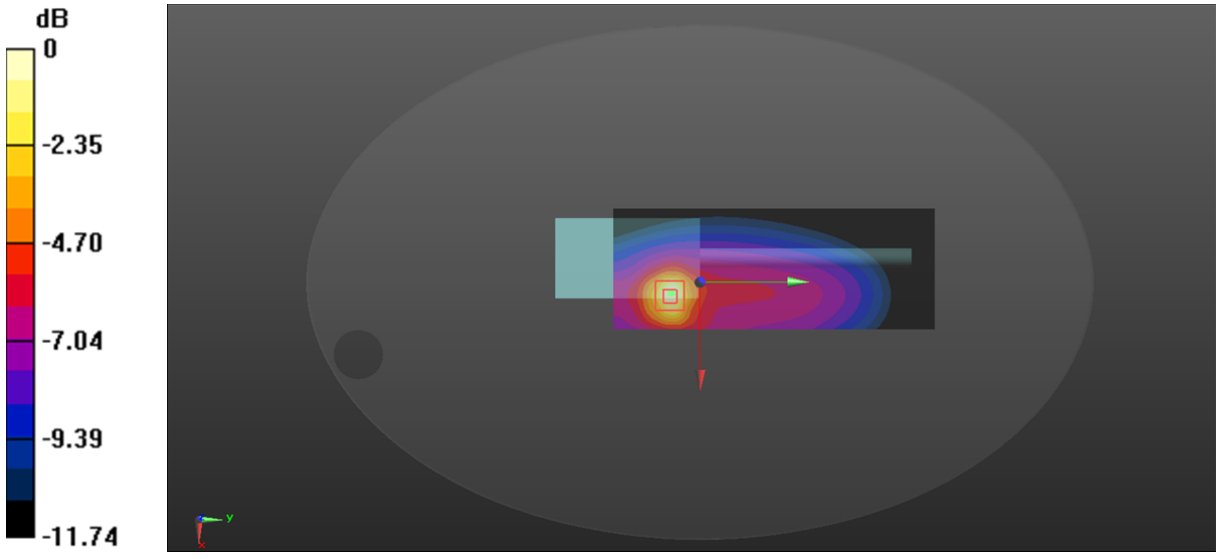
Communication System: FM; Frequency: 143 MHz;Duty Cycle: 1:1
Medium parameters used: f = 143 MHz; σ = 0.779 S/m; ε_r = 62.071; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 143 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.14 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.83 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 9.88 W/kg
SAR(1 g) = 3.03 W/kg; SAR(10 g) = 1.41 W/kg
Maximum value of SAR (measured) = 3.14 W/kg



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

Test Plot 19#: FM_25kHz_149.9875MHz_Body Back_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG2103300017-SA-S1

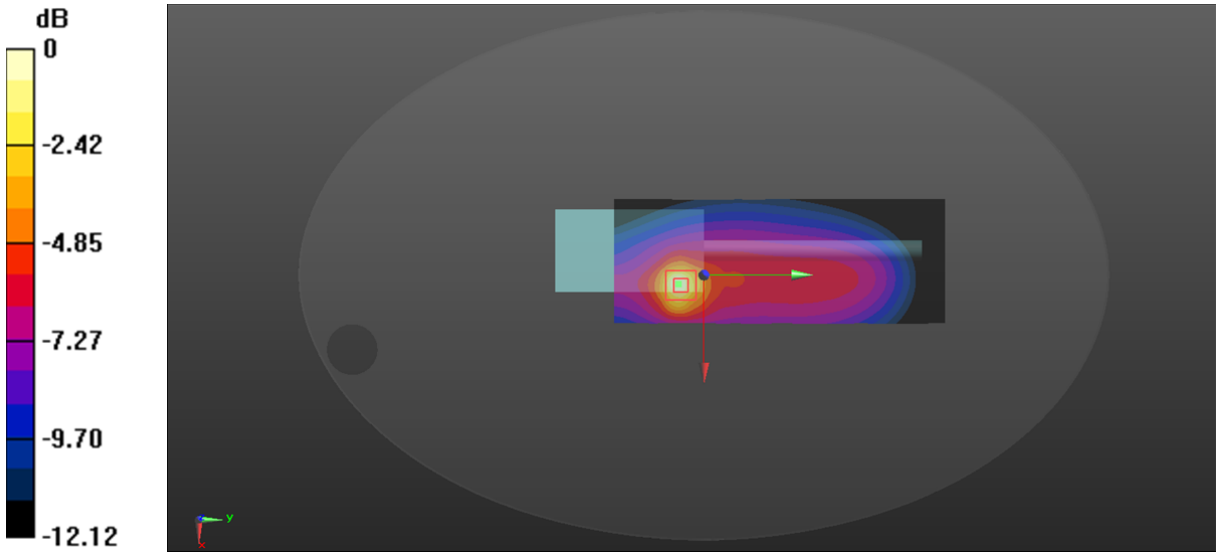
Communication System: FM; Frequency: 149.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 149.988 MHz; σ = 0.789 S/m; ε_r = 61.926; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 149.988 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.92 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.09 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 5.54 W/kg
SAR(1 g) = 1.75 W/kg; SAR(10 g) = 0.831 W/kg
Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 1.85 W/kg = 2.67 dBW/kg

Test Plot 20#: FM_25kHz_146.0125MHz_Body Back_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG2103300017-SA-S1

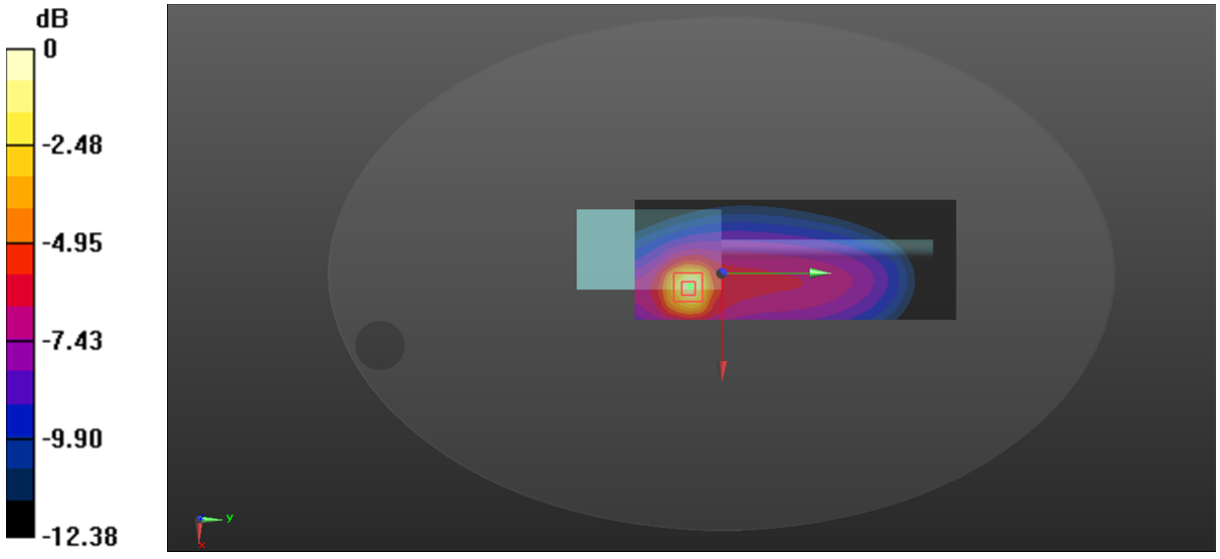
Communication System: FM; Frequency: 146.013 MHz;Duty Cycle: 1:1
Medium parameters used: f = 146.013 MHz; σ = 0.782 S/m; ε_r = 61.964; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 146.013 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.25 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 46.25 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 19.0 W/kg
SAR(1 g) = 5.57 W/kg; SAR(10 g) = 2.55 W/kg
Maximum value of SAR (measured) = 5.82 W/kg



0 dB = 5.82 W/kg = 7.65 dBW/kg

Test Plot 21#: FM_25kHz_153.0125MHz_Body Back_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG2103300017-SA-S1

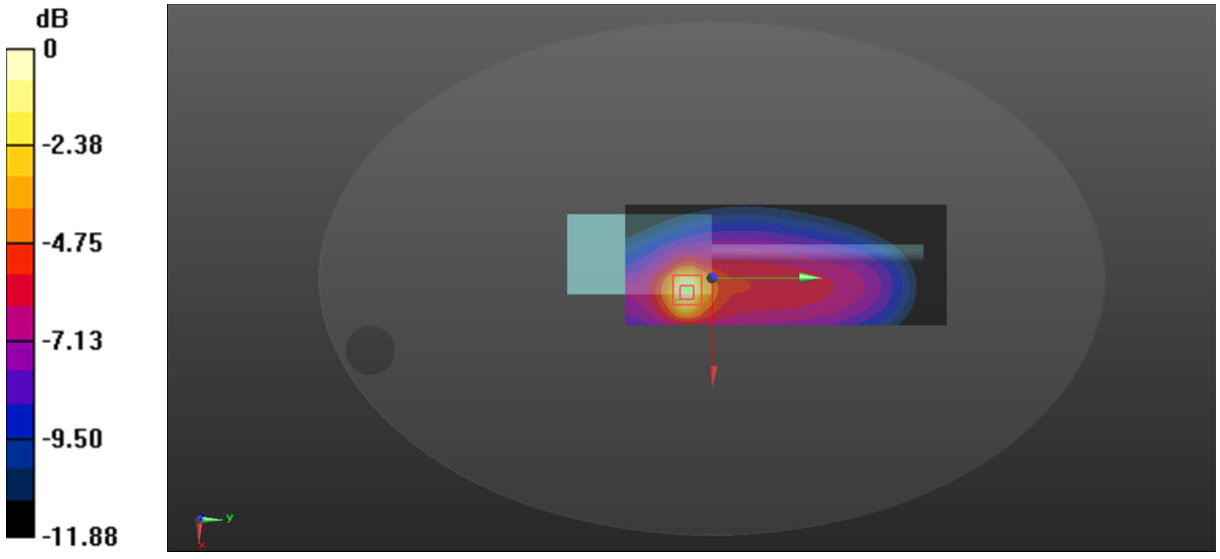
Communication System: FM; Frequency: 153.013 MHz;Duty Cycle: 1:1
Medium parameters used: f = 153.013 MHz; σ = 0.798 S/m; ε_r = 61.886; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 153.013 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.95 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.87 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 22.3 W/kg
SAR(1 g) = 7.16 W/kg; SAR(10 g) = 3.44 W/kg
Maximum value of SAR (measured) = 7.57 W/kg



0 dB = 7.57 W/kg = 8.79 dBW/kg

Test Plot 22#: FM_25kHz_160MHz_ Body Back_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG2103300017-SA-S1

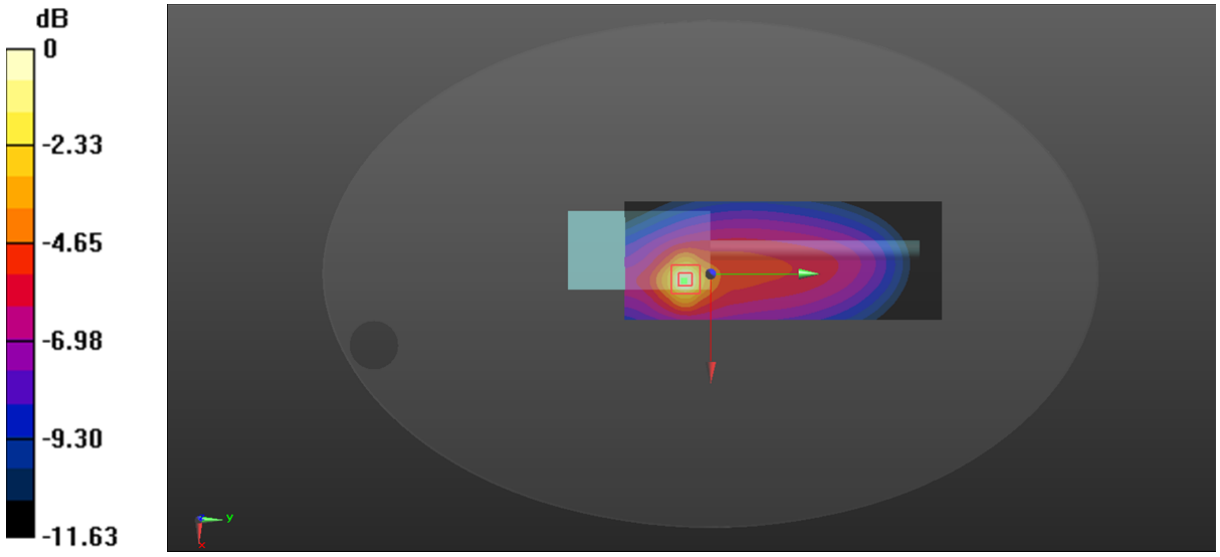
Communication System: FM; Frequency: 160 MHz;Duty Cycle: 1:1
Medium parameters used: f = 160 MHz; σ = 0.803 S/m; ε_r = 61.704; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 160 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.21 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.79 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 15.8 W/kg
SAR(1 g) = 5.77 W/kg; SAR(10 g) = 2.91 W/kg
Maximum value of SAR (measured) = 6.28 W/kg



0 dB = 6.28 W/kg = 7.98 dBW/kg

Test Plot 23#: FM_25kHz_166.9875MHz_Body Back_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG2103300017-SA-S1

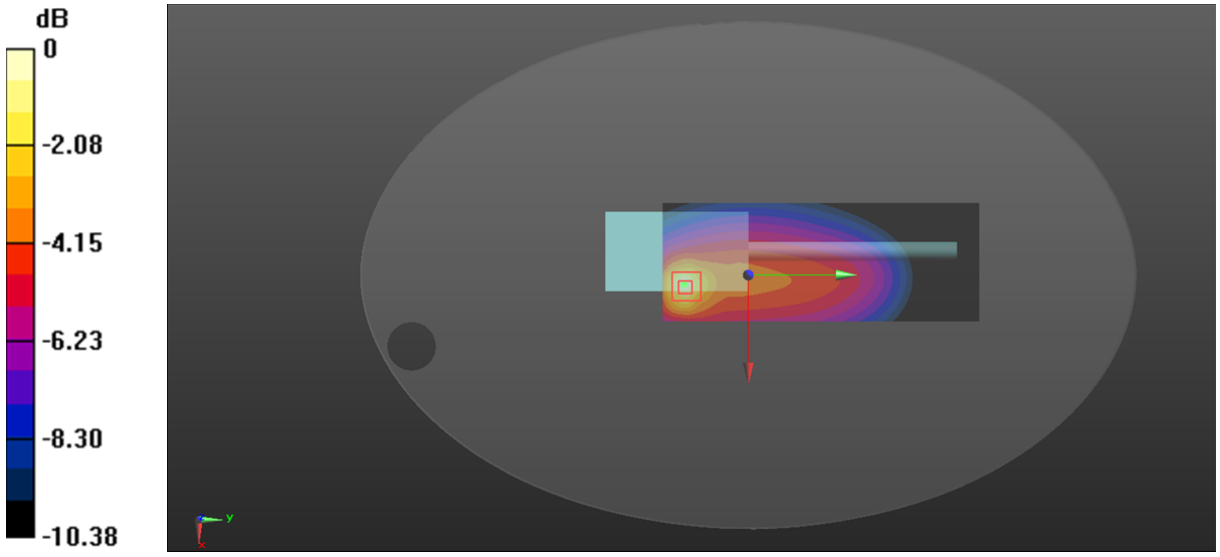
Communication System: FM; Frequency: 166.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 166.988 MHz; σ = 0.815 S/m; ε_r = 61.641; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 166.988 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.69 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.52 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 4.54 W/kg
SAR(1 g) = 1.7 W/kg; SAR(10 g) = 0.902 W/kg
Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

Test Plot 24#: FM_25kHz_173.9875MHz_Body Back_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG2103300017-SA-S1

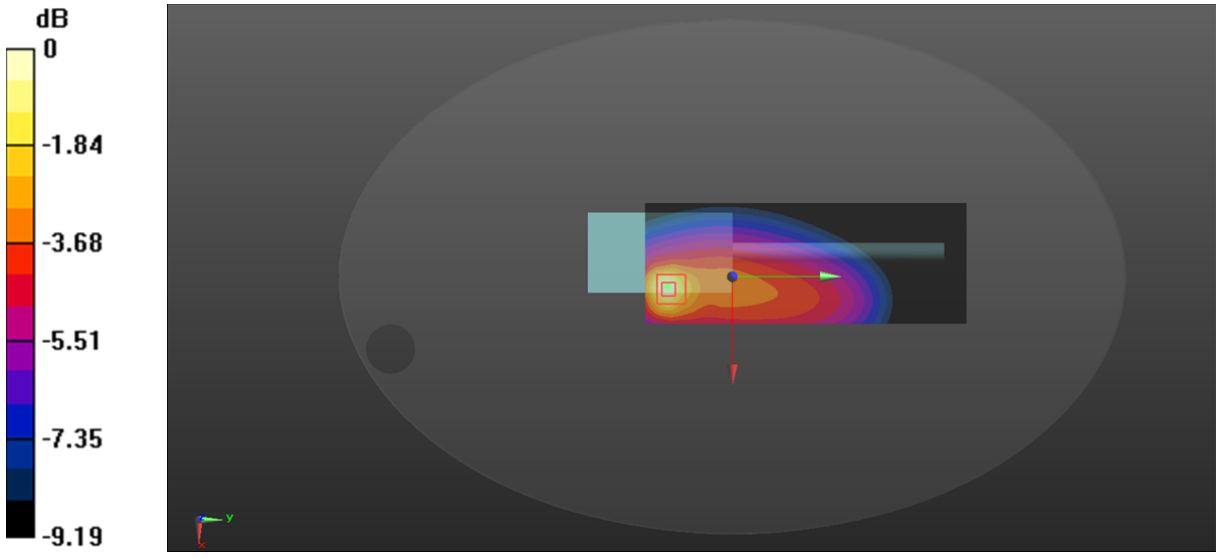
Communication System: FM; Frequency: 173.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 173.988 MHz; σ = 0.823 S/m; ε_r = 61.573; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 173.988 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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.62 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.98 W/kg
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.665 W/kg
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

Test Plot 25#:4FSK_136.0125MHz_Body Back_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG2103300017-SA-S1

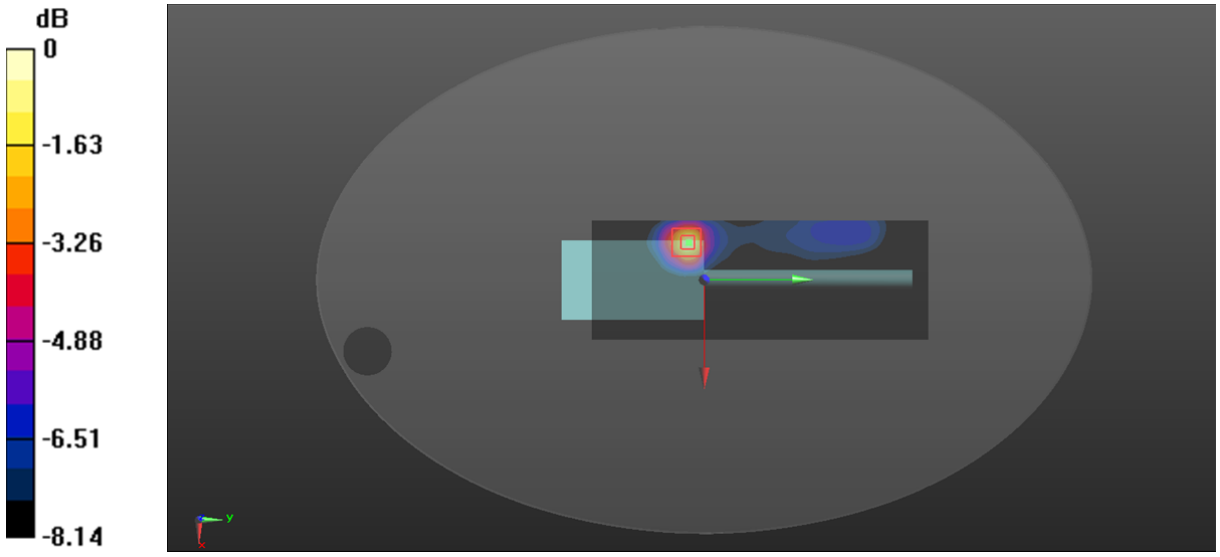
Communication System:4FSK; Frequency: 136.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 136.012 MHz; σ = 0.776 S/m; ε_r = 62.165; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 136.012 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 (61x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.21 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.17 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 20.1 W/kg
SAR(1 g) = 6.89 W/kg; SAR(10 g) = 3.14 W/kg
Maximum value of SAR (measured) = 7.70 W/kg



0 dB = 7.70 W/kg = 8.86 dBW/kg

Test Plot 26#:4FSK_153.0125MHz_Body Back_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type: BD615 VHF; Serial: RDG210330017-SA-S1

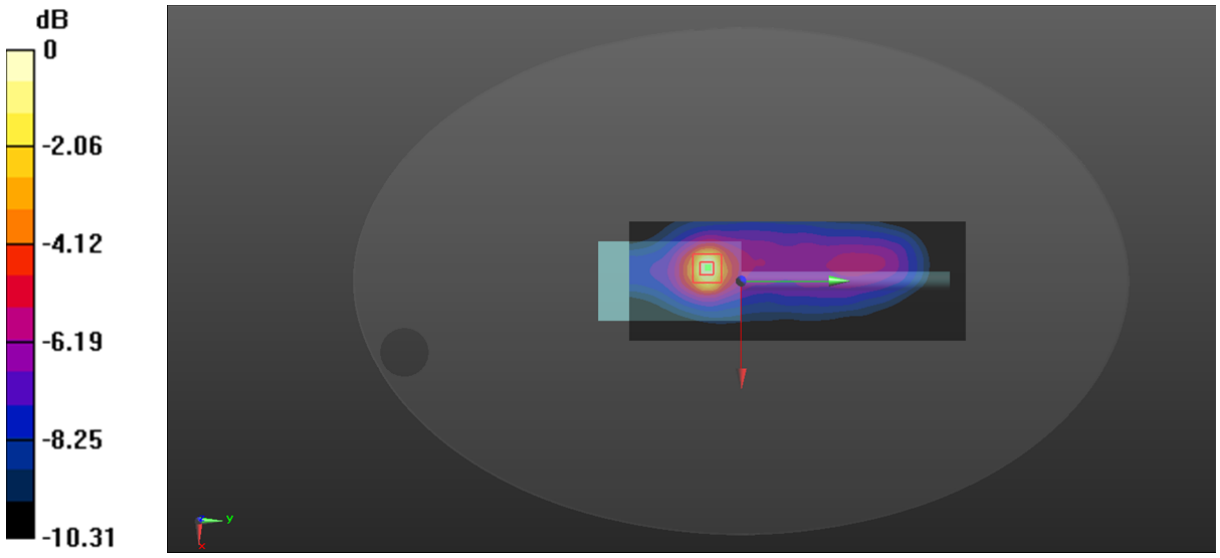
Communication System:4FSK; Frequency: 153.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 153.012 MHz; σ = 0.798 S/m; ε_r = 61.886; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 153.012 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 (61x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 4.99 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 39.74 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 20.8 W/kg
SAR(1 g) = 4.77 W/kg; SAR(10 g) = 2.13 W/kg
Maximum value of SAR (measured) = 4.88 W/kg



0 dB = 4.88 W/kg = 6.88 dBW/kg