Test Plot 1#: FM_12.5kHz_416.0125MHz_Face Up

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

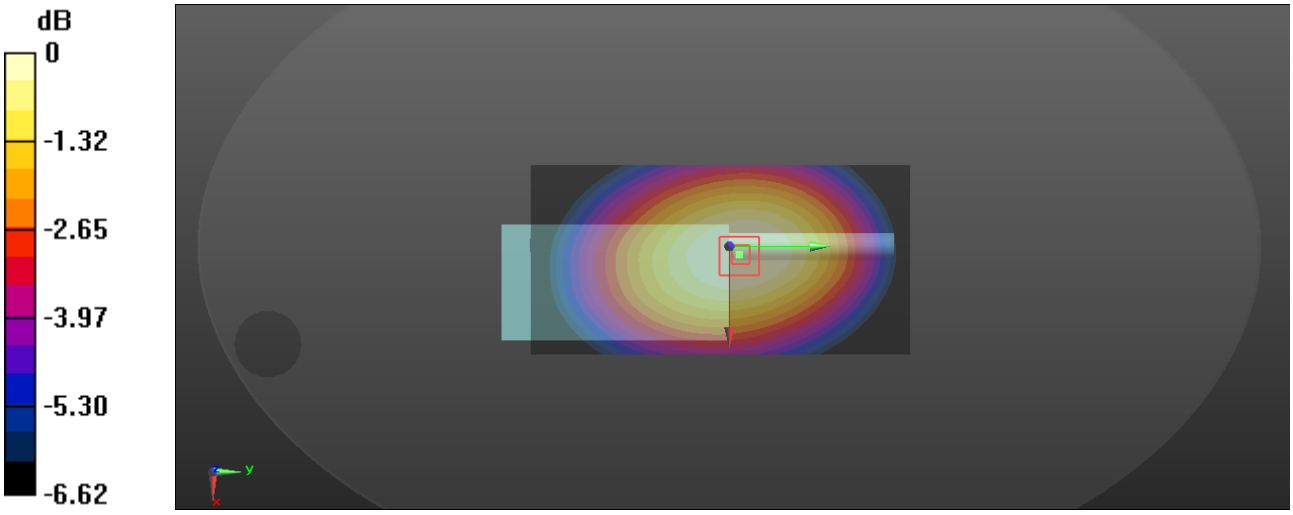
Communication System:FM; Frequency: 416.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 416.012 MHz; σ = 0.852 S/m; ε_r = 44.468; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 5.16 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 86.00 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 6.03 W/kg
SAR(1 g) = 4.75 W/kg; SAR(10 g) = 3.69 W/kg
Maximum value of SAR (measured) = 4.95 W/kg



0 dB = 4.95 W/kg = 6.95 dBW/kg

Test Plot 2#: FM_12.5kHz_400.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

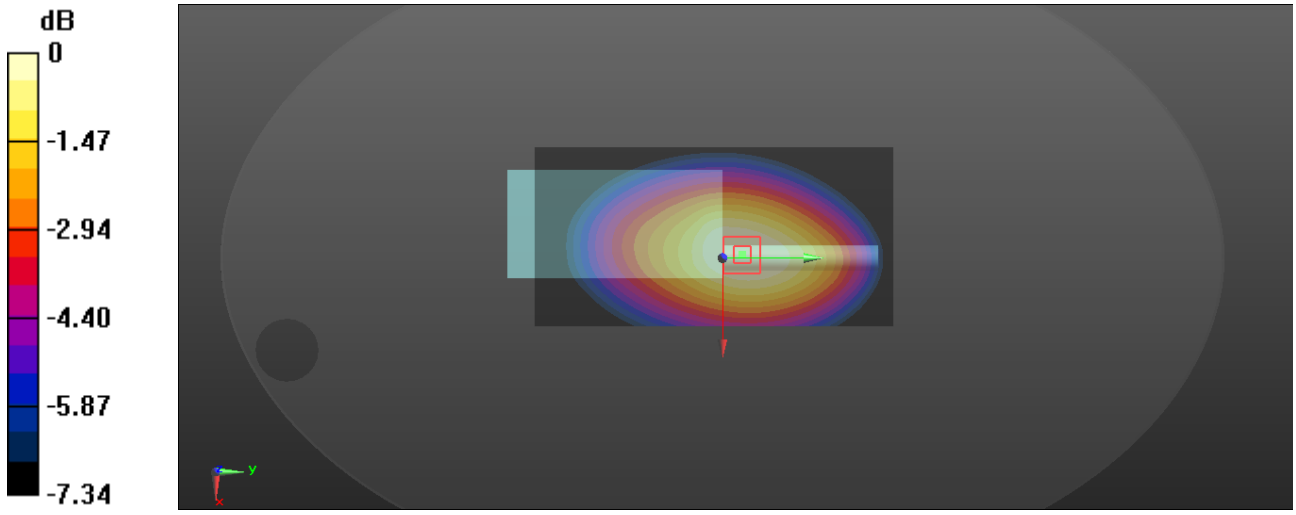
Communication System:FM; Frequency: 400.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 400.012 MHz; σ = 0.841 S/m; ε_r = 44.873; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 10.2 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 108.8 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 9.26 W/kg; SAR(10 g) = 6.97 W/kg
Maximum value of SAR (measured) = 9.72 W/kg



0 dB = 9.72 W/kg = 9.88 dBW/kg

Test Plot 3#: FM_12.5kHz_416.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

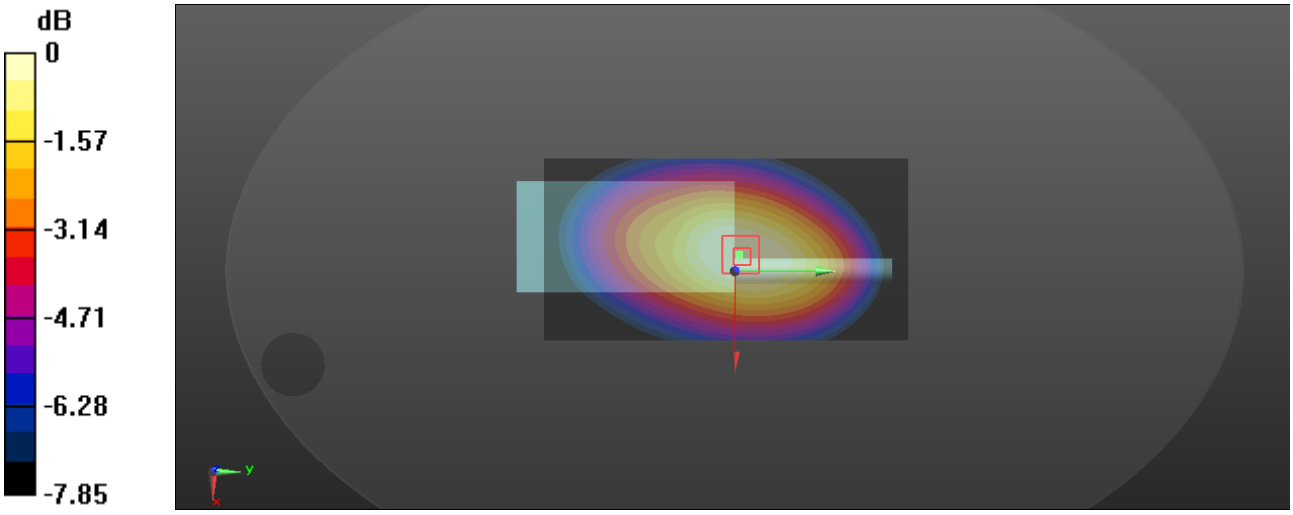
Communication System:FM; Frequency: 416.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 416.012 MHz; σ = 0.852 S/m; ε_r = 44.468; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 10.6 W/kg

/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 123.6 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 12.2 W/kg
SAR(1 g) = 9.63 W/kg; SAR(10 g) = 7.1 W/kg
Maximum value of SAR (measured) = 10.1 W/kg



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

Test Plot 4#: FM_12.5kHz_432.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

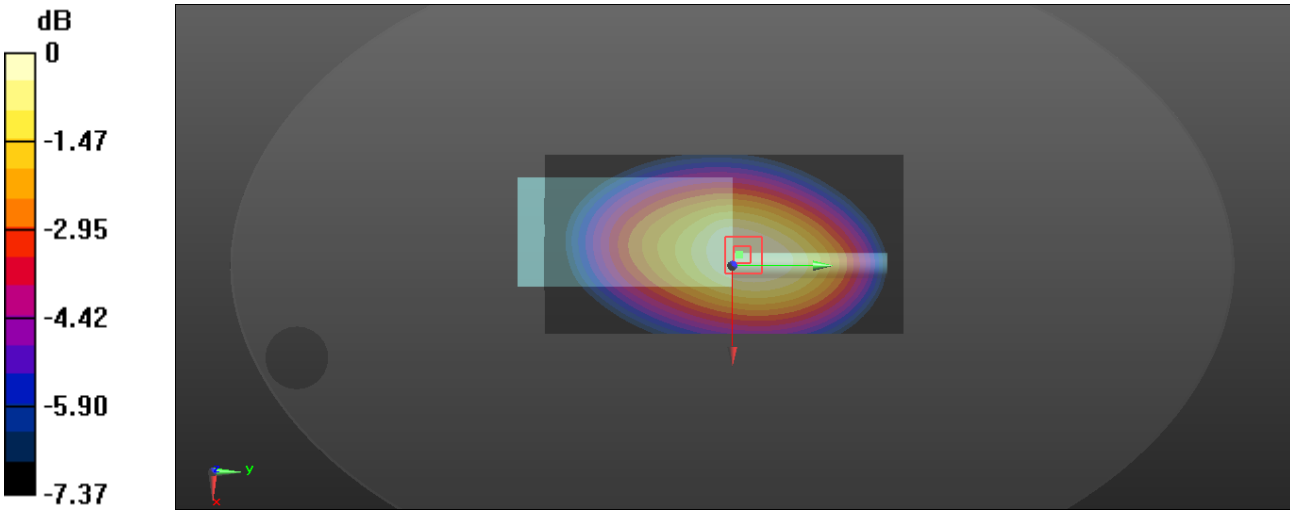
Communication System:FM; Frequency: 432.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 432.012 MHz; σ = 0.858 S/m; ε_r = 44.316; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 10.2 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 107.8 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 12.3 W/kg
SAR(1 g) = 9.34 W/kg; SAR(10 g) = 7 W/kg
Maximum value of SAR (measured) = 9.80 W/kg



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

Test Plot 5#: FM_12.5kHz_447.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

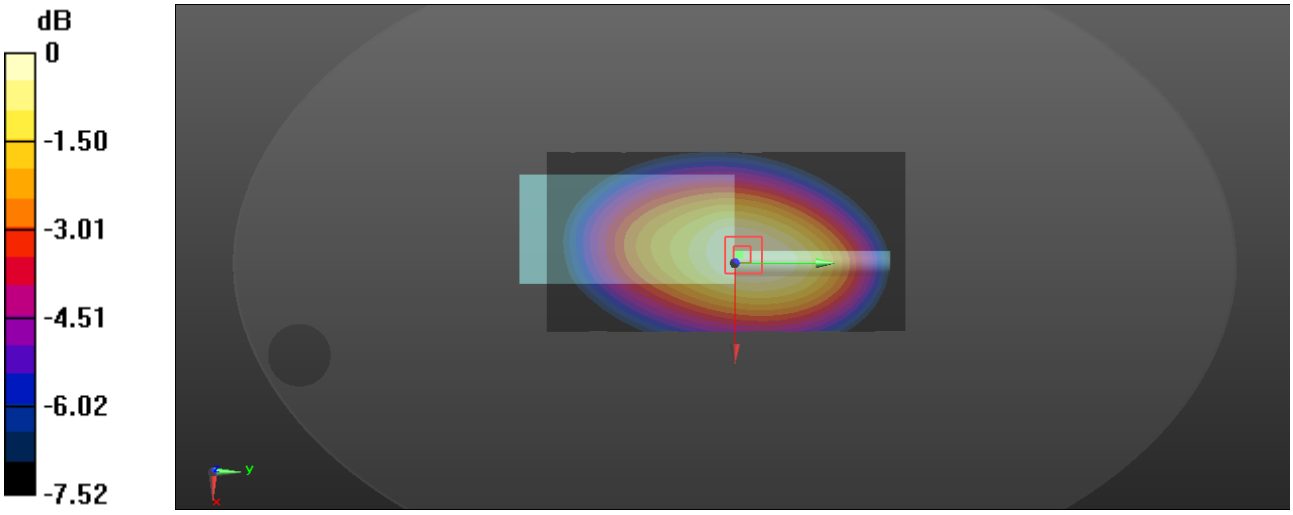
Communication System:FM; Frequency: 447.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 447.988 MHz; σ = 0.873 S/m; ε_r = 43.616; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 447.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 9.51 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 104.0 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 11.4 W/kg
SAR(1 g) = 8.58 W/kg; SAR(10 g) = 6.39 W/kg
Maximum value of SAR (measured) = 9.03 W/kg



0 dB = 9.03 W/kg = 9.56 dBW/kg

Test Plot 6#: FM_12.5kHz_463.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

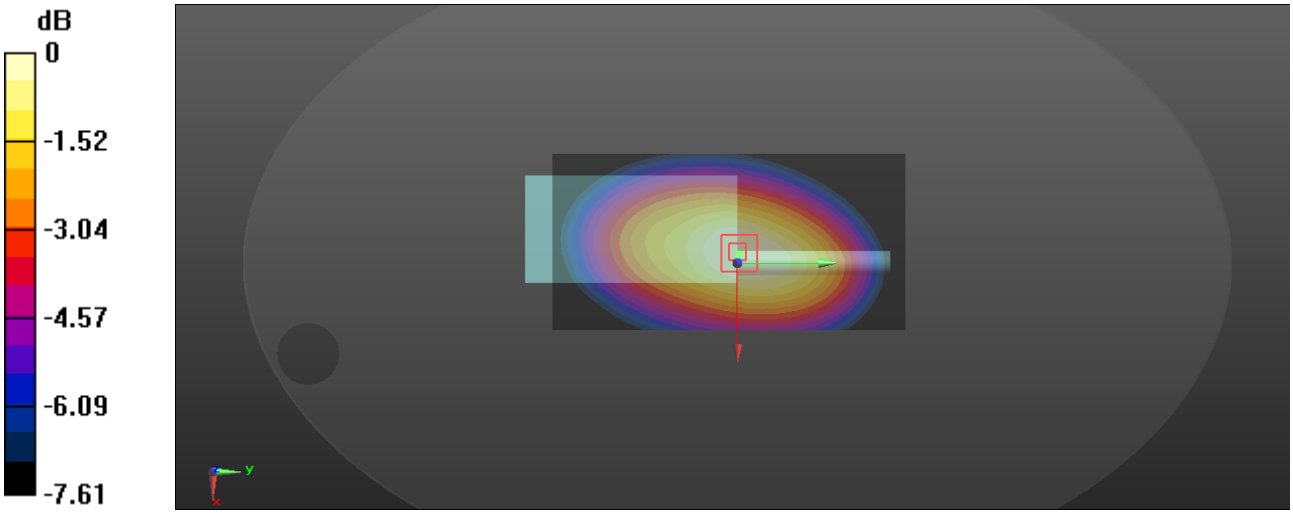
Communication System:FM; Frequency: 463.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 463.988 MHz; σ = 0.889 S/m; ε_r = 42.715; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 463.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 8.47 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.97 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 10.4 W/kg
SAR(1 g) = 7.82 W/kg; SAR(10 g) = 5.8 W/kg
Maximum value of SAR (measured) = 8.21 W/kg



0 dB = 8.21 W/kg = 9.14 dBW/kg

Test Plot 7#: FM_12.5kHz_479.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

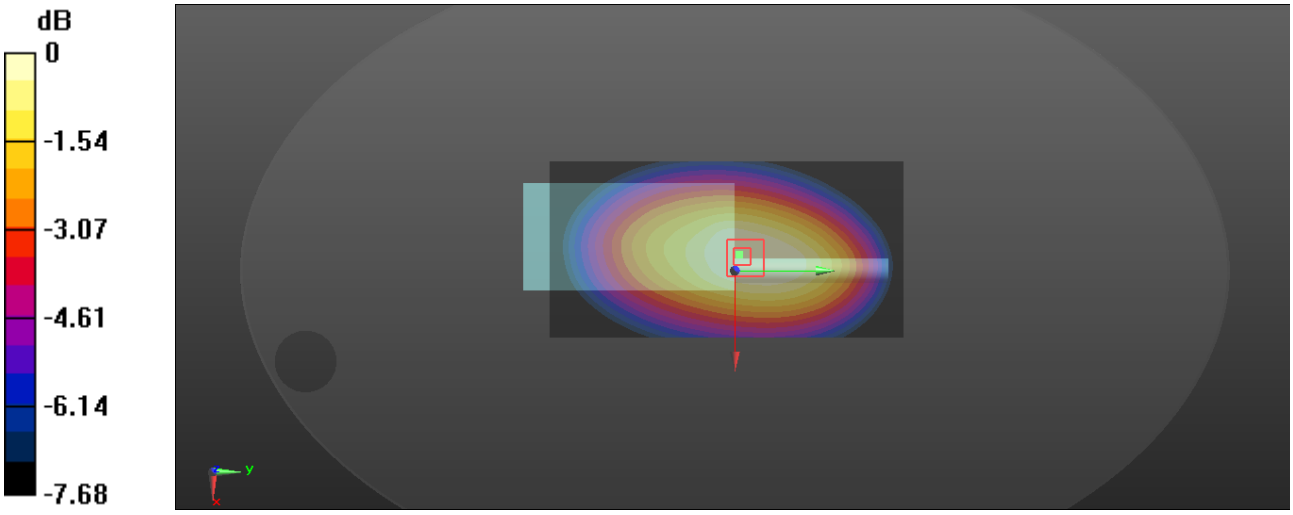
Communication System:FM; Frequency: 479.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 479.988 MHz; σ = 0.894 S/m; ε_r = 42.285; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 7.63 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 90.61 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 9.16 W/kg
SAR(1 g) = 6.86 W/kg; SAR(10 g) = 5.09 W/kg
Maximum value of SAR (measured) = 7.21 W/kg



0 dB = 7.21 W/kg = 8.58 dBW/kg

Test Plot 8#: FM_25kHz_416.0125MHz_Face Up

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

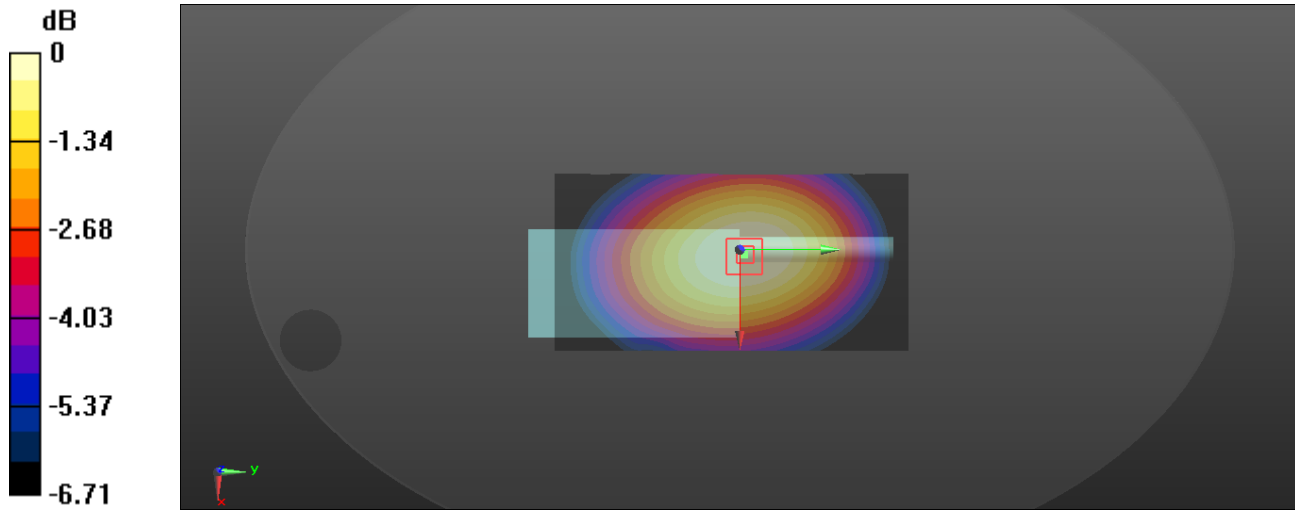
Communication System:FM; Frequency: 416.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 416.012 MHz; σ = 0.852 S/m; ε_r = 44.468; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 5.14 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 93.33 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 5.97 W/kg
SAR(1 g) = 4.72 W/kg; SAR(10 g) = 3.66 W/kg
Maximum value of SAR (measured) = 4.92 W/kg



0 dB = 4.92 W/kg = 6.92 dBW/kg

Test Plot 9#: FM_25kHz_400.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

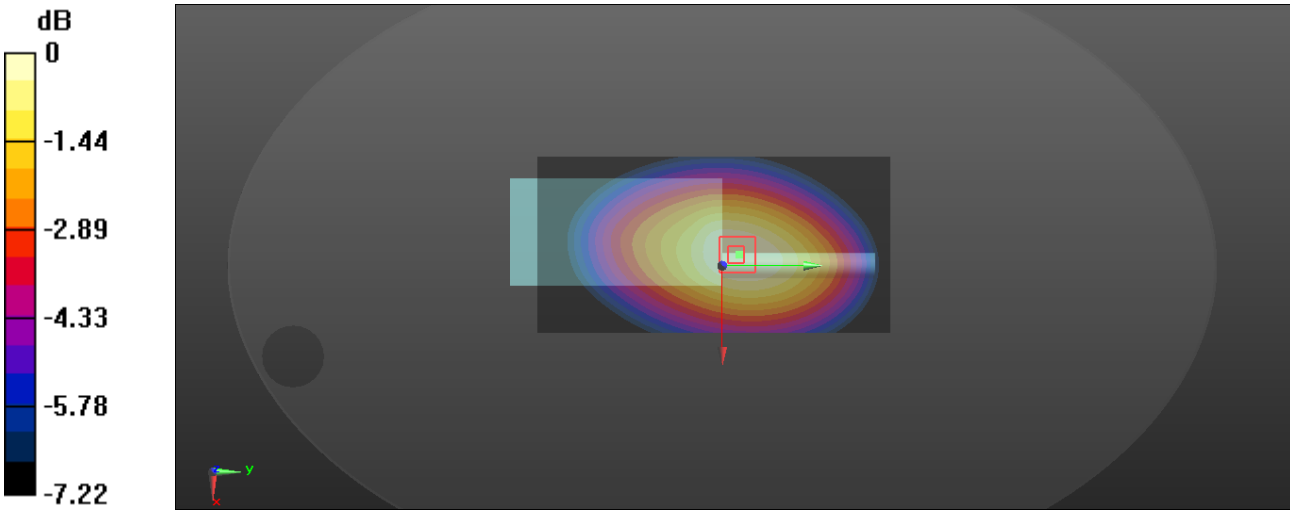
Communication System:FM; Frequency: 400.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 400.012 MHz; σ = 0.841 S/m; ε_r = 44.873; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 8.30 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 97.92 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 10.1 W/kg
SAR(1 g) = 7.73 W/kg; SAR(10 g) = 5.83 W/kg
Maximum value of SAR (measured) = 8.11 W/kg



0 dB = 8.11 W/kg = 9.09 dBW/kg

Test Plot 10#: FM_25kHz_416.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

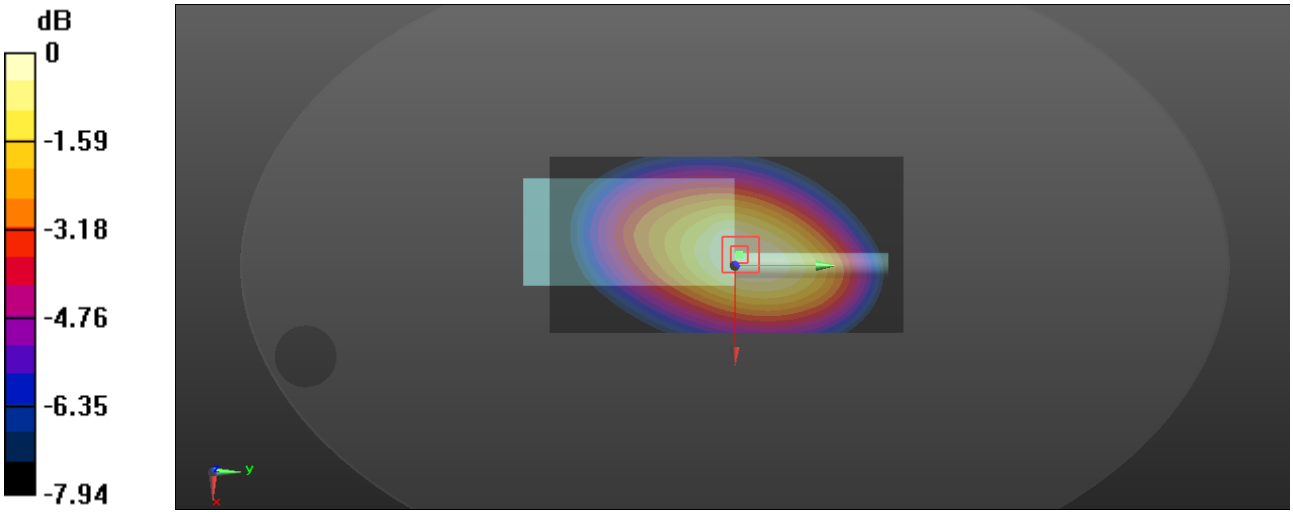
Communication System:FM; Frequency: 416.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 416.012 MHz; σ = 0.852 S/m; ε_r = 44.468; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 11.3 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 117.4 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 14.1 W/kg
SAR(1 g) = 9.43 W/kg; SAR(10 g) = 7.01 W/kg
Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 11.1 W/kg = 10.45 dBW/kg

Test Plot 11#: FM_25kHz_432.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

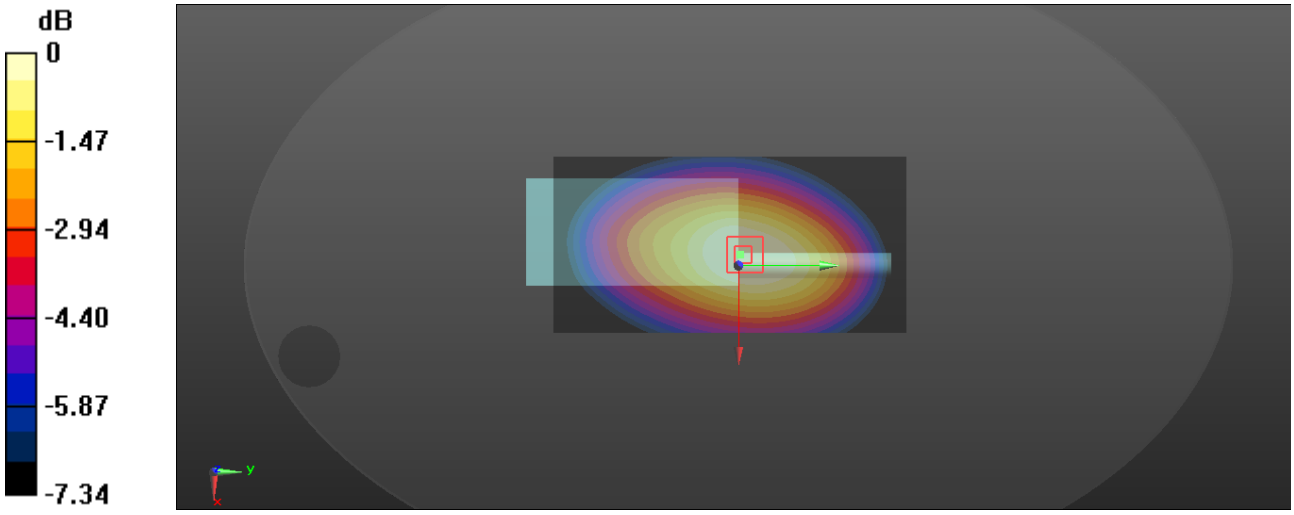
Communication System:FM; Frequency: 432.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 432.012 MHz; σ = 0.858 S/m; ε_r = 44.316; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 11.1 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 114.7 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 13.1 W/kg
SAR(1 g) = 9.31 W/kg; SAR(10 g) = 7.05 W/kg
Maximum value of SAR (measured) = 10.4 W/kg



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

Test Plot 12#: FM_25kHz_447.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

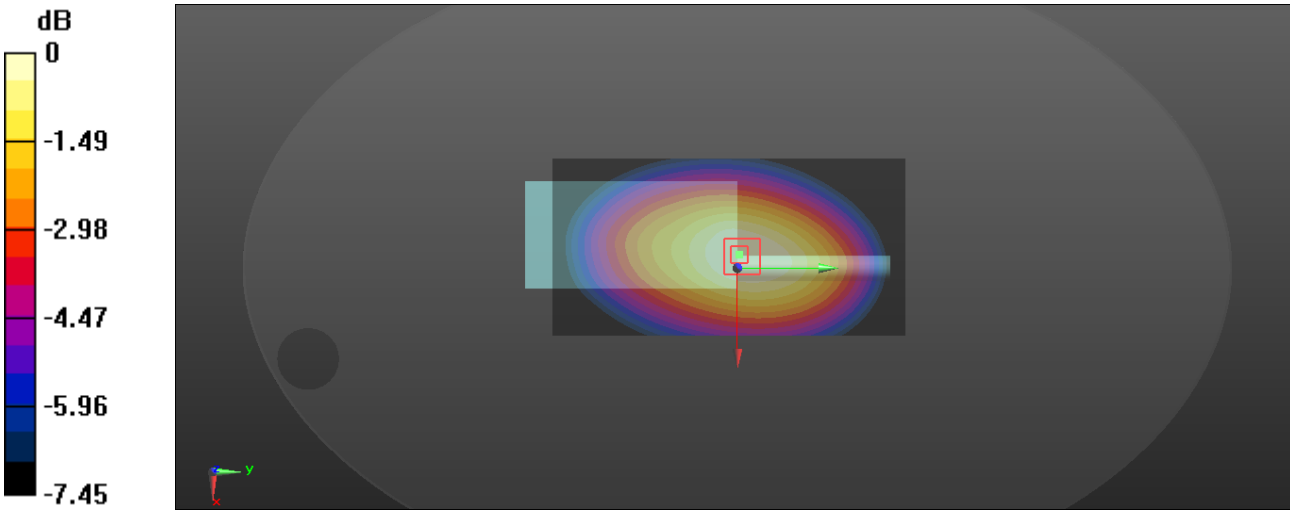
Communication System:FM; Frequency: 447.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 447.988 MHz; σ = 0.873 S/m; ε_r = 43.616; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 447.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 8.76 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 99.56 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 10.6 W/kg
SAR(1 g) = 8.01 W/kg; SAR(10 g) = 5.98 W/kg
Maximum value of SAR (measured) = 8.42 W/kg



0 dB = 8.42 W/kg = 9.25 dBW/kg

Test Plot 13#: FM_25kHz_463.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

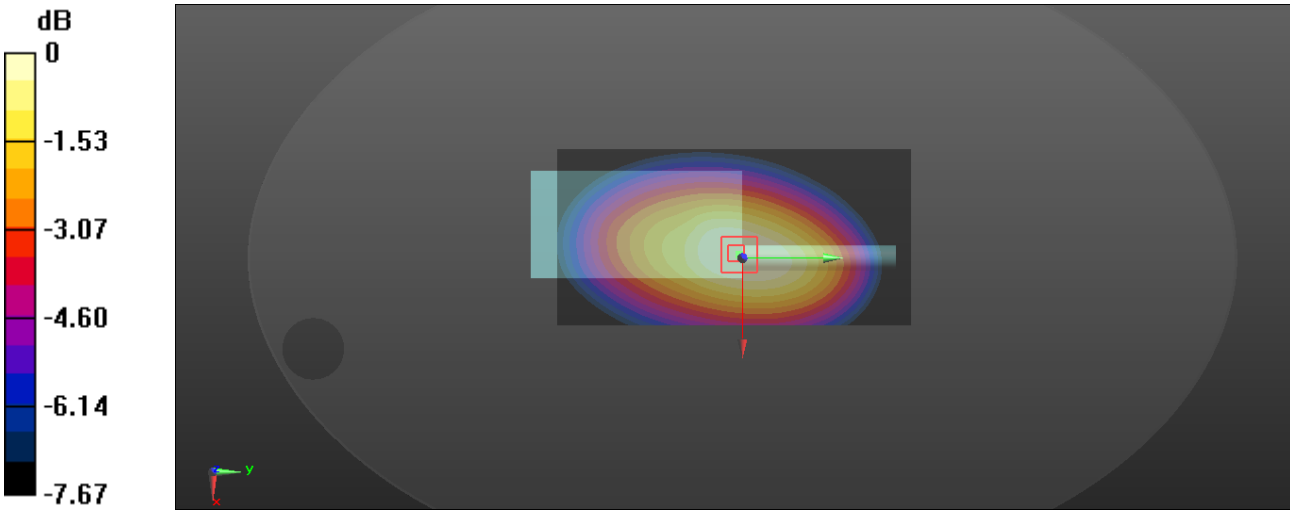
Communication System:FM; Frequency: 463.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 463.988 MHz; σ = 0.889 S/m; ε_r = 42.715; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 463.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 8.57 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 98.56 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 10.4 W/kg
SAR(1 g) = 7.82 W/kg; SAR(10 g) = 5.81 W/kg
Maximum value of SAR (measured) = 8.21 W/kg



0 dB = 8.21 W/kg = 9.14 dBW/kg

Test Plot 14#: FM_25kHz_479.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

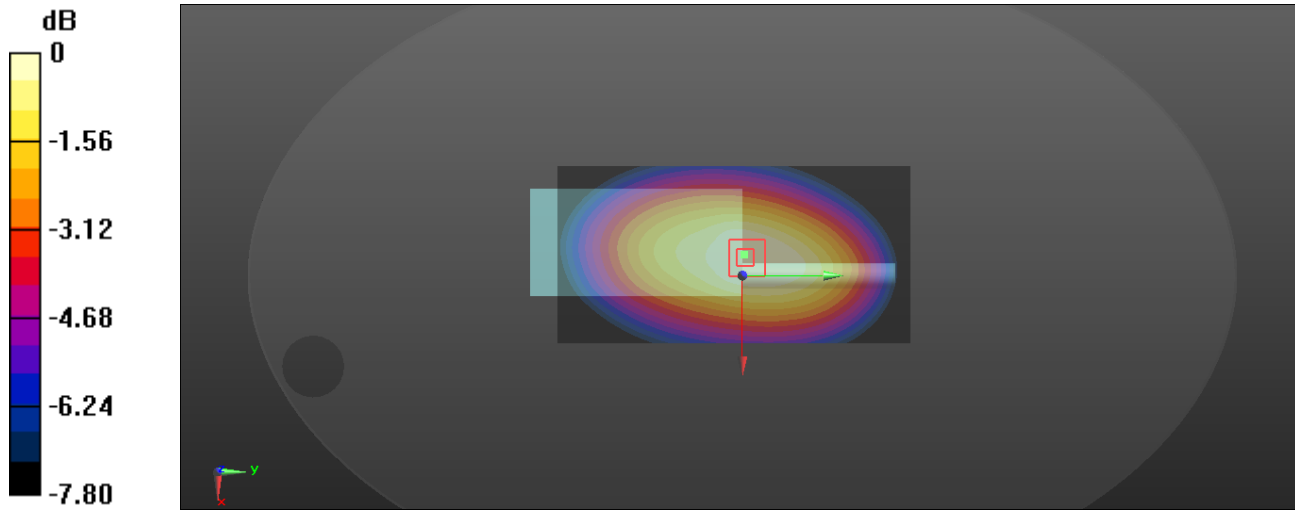
Communication System:FM; Frequency: 479.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 479.988 MHz; σ = 0.894 S/m; ε_r = 42.285; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 7.74 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 91.60 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 9.19 W/kg
SAR(1 g) = 6.86 W/kg; SAR(10 g) = 5.08 W/kg
Maximum value of SAR (measured) = 7.20 W/kg



0 dB = 7.20 W/kg = 8.57 dBW/kg

Test Plot 15#: 4FSK_416.0125MHz_Face Up

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

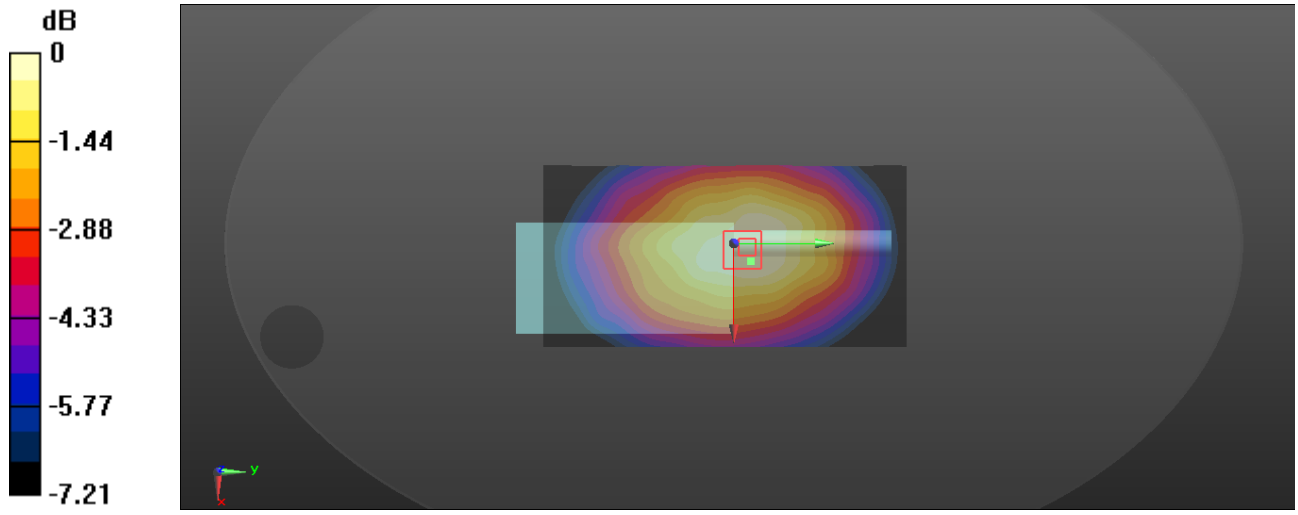
Communication System:4FSK; Frequency: 416.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 416.012 MHz; σ = 0.852 S/m; ε_r = 44.468; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 3.92 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 67.49 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 4.73 W/kg
SAR(1 g) = 3.64 W/kg; SAR(10 g) = 2.82 W/kg
Maximum value of SAR (measured) = 3.92 W/kg



0 dB = 3.92 W/kg = 5.93 dBW/kg

Test Plot 16#: 4FSK_416.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GAAA; Serial: LC201130001-GA

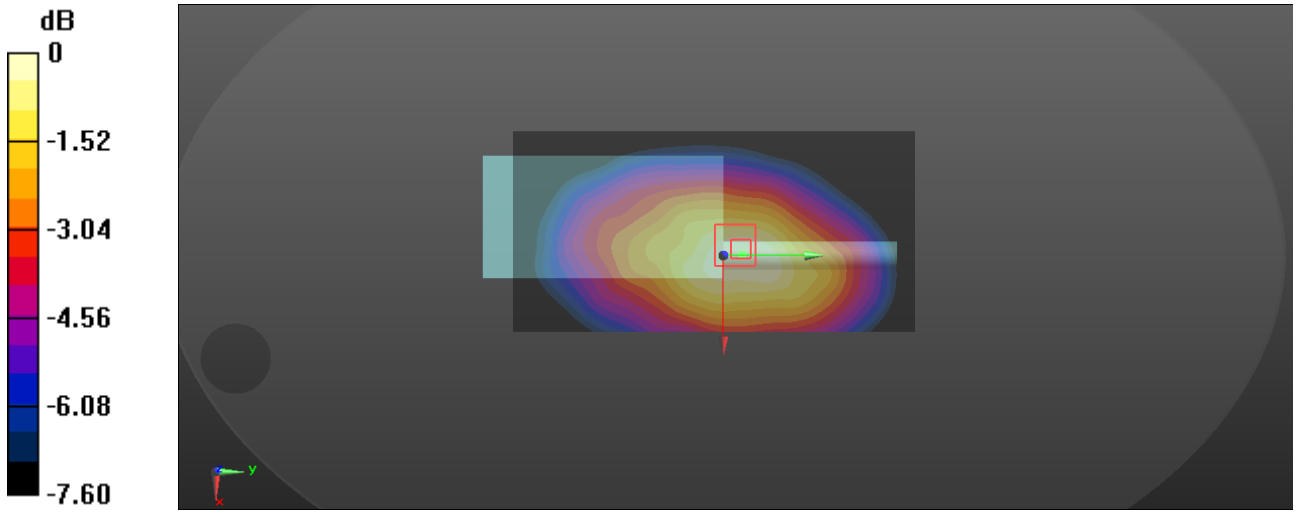
Communication System:4FSK; Frequency: 416.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 416.012 MHz; σ = 0.852 S/m; ε_r = 44.468; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 6.52 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 84.91 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 8.26 W/kg
SAR(1 g) = 5.96 W/kg; SAR(10 g) = 4.48 W/kg
Maximum value of SAR (measured) = 6.52 W/kg



0 dB = 6.52 W/kg = 8.14 dBW/kg

Test Plot 17#: FM_12.5kHz_416.0125MHz_Face Up

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

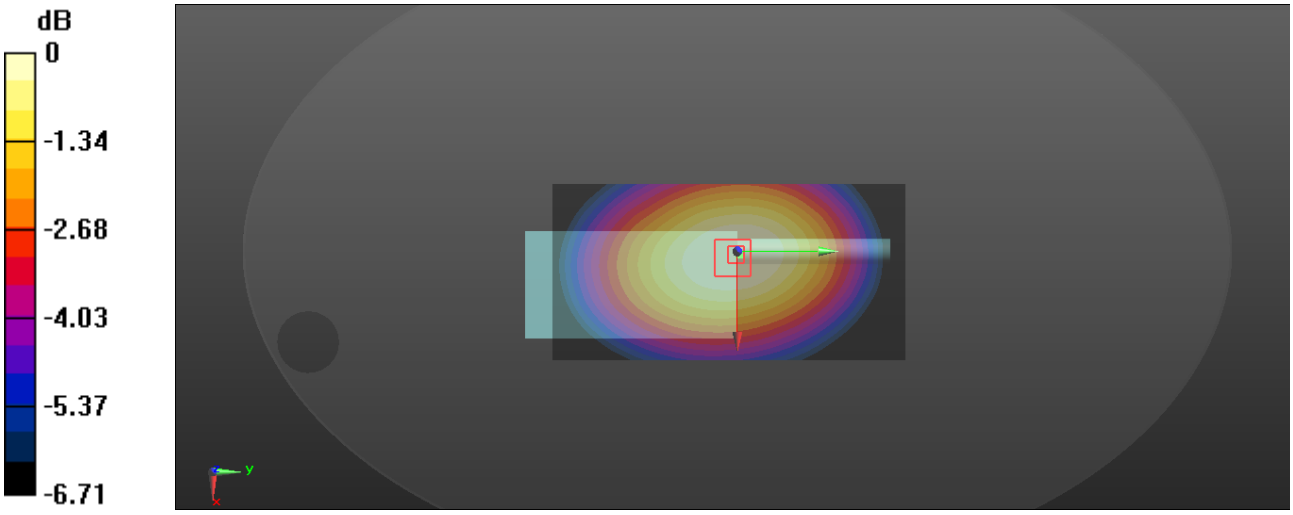
Communication System:FM; Frequency: 416.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 416.012 MHz; σ = 0.852 S/m; ε_r = 44.468; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 7.05 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 91.80 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 8.21 W/kg
SAR(1 g) = 5.11 W/kg; SAR(10 g) = 3.97 W/kg
Maximum value of SAR (measured) = 6.78 W/kg



0 dB = 6.78 W/kg = 8.31 dBW/kg

Test Plot 18#: FM_12.5kHz_400.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

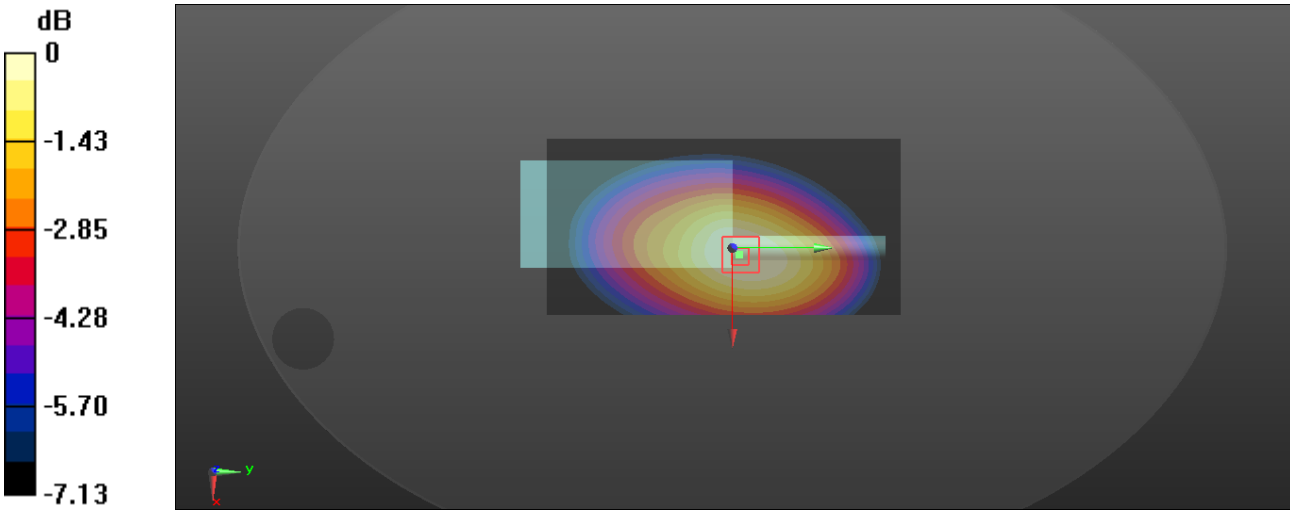
Communication System:FM; Frequency: 400.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 400.012 MHz; σ = 0.841 S/m; ε_r = 44.873; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 10.0 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 109.0 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 11.8 W/kg
SAR(1 g) = 9.1 W/kg; SAR(10 g) = 6.89 W/kg
Maximum value of SAR (measured) = 9.54 W/kg



0 dB = 9.54 W/kg = 9.80 dBW/kg

Test Plot 19#: FM_12.5kHz_416.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

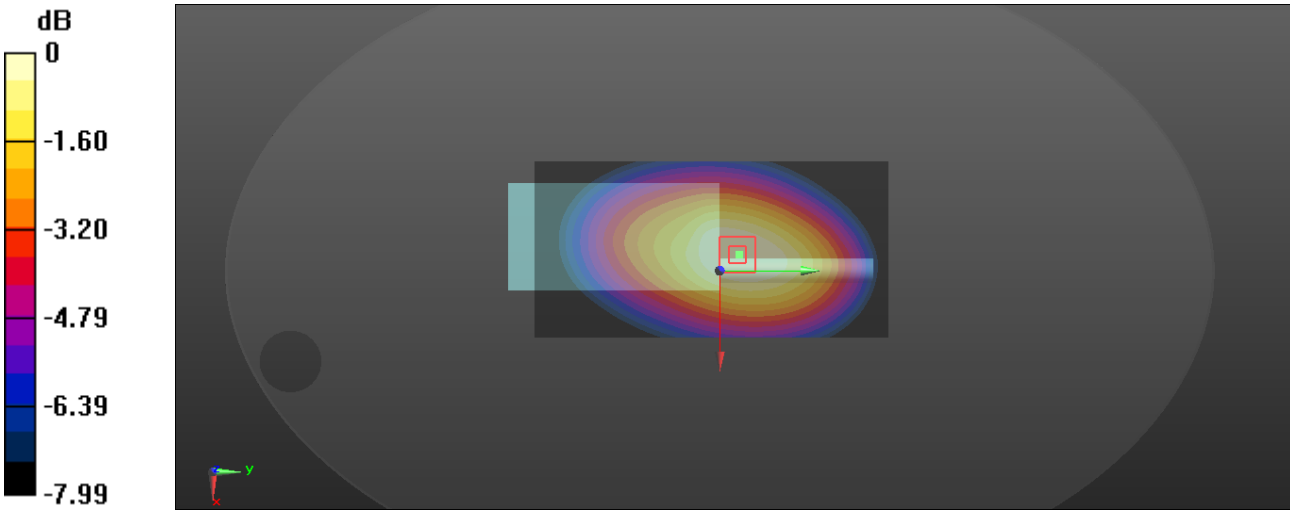
Communication System:FM; Frequency: 416.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 416.012 MHz; σ = 0.852 S/m; ε_r = 44.468; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 12.7 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 119.2 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 15.5 W/kg
SAR(1 g) = 10.8 W/kg; SAR(10 g) = 7.97 W/kg
Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg

Test Plot 20#: FM_12.5kHz_432.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

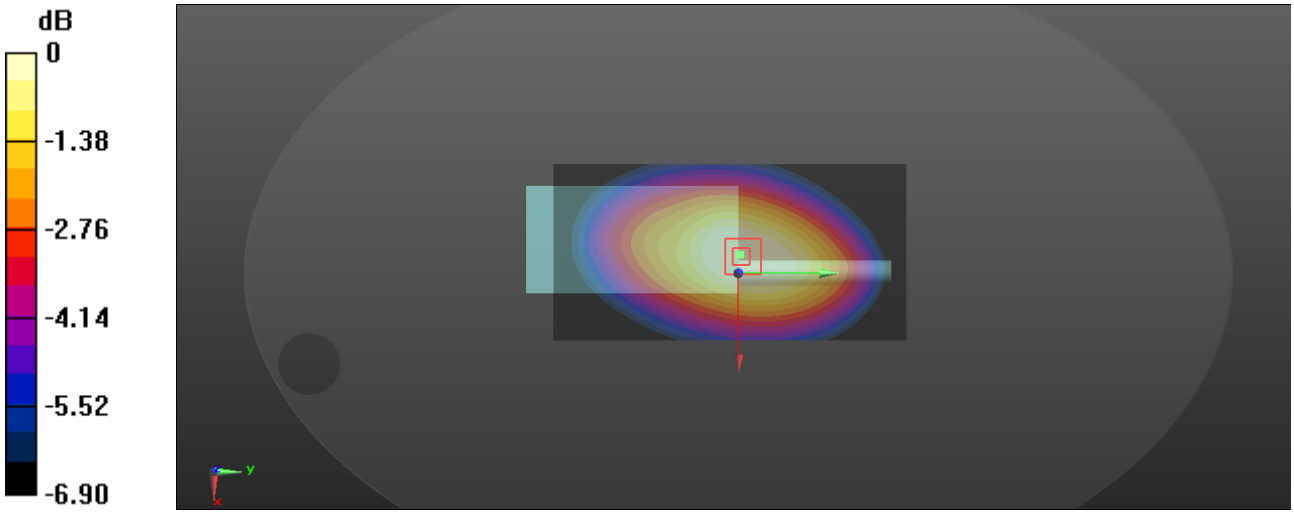
Communication System:FM; Frequency: 432.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 432.012 MHz; σ = 0.858 S/m; ε_r = 44.316; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 12.0 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 116.7 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 13.5 W/kg
SAR(1 g) = 10.7 W/kg; SAR(10 g) = 8.16 W/kg
Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 11.1 W/kg = 10.45 dBW/kg

Test Plot 21#: FM_12.5kHz_447.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

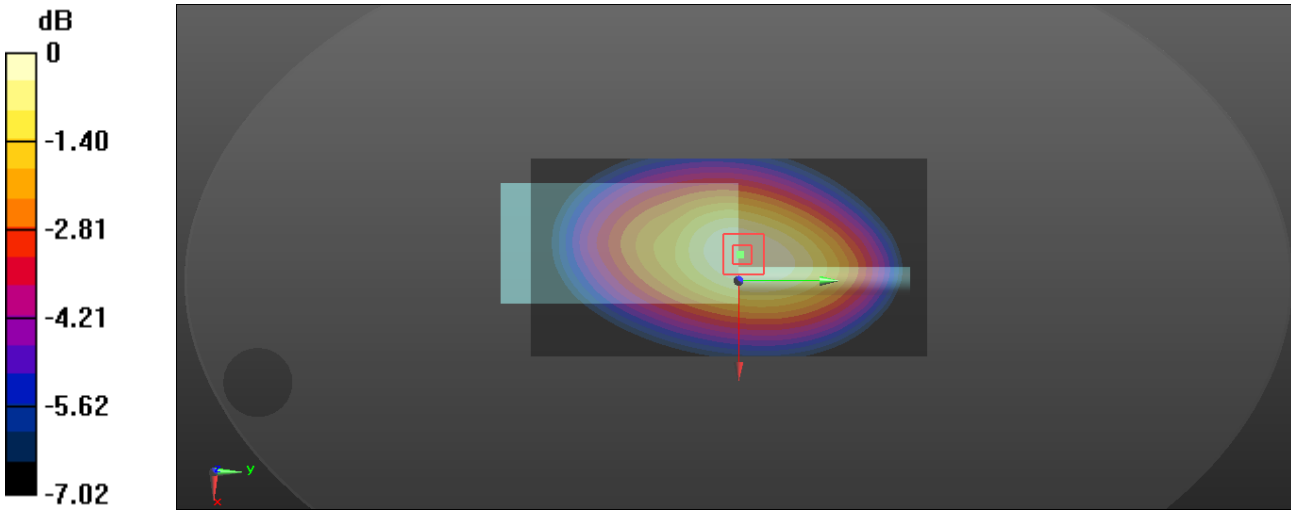
Communication System:FM; Frequency: 447.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 447.988 MHz; σ = 0.873 S/m; ε_r = 43.616; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 447.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 9.49 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 98.30 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 8.77 W/kg; SAR(10 g) = 6.67 W/kg
Maximum value of SAR (measured) = 9.23 W/kg



0 dB = 9.23 W/kg = 9.65 dBW/kg

Test Plot 22#: FM_12.5kHz_463.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

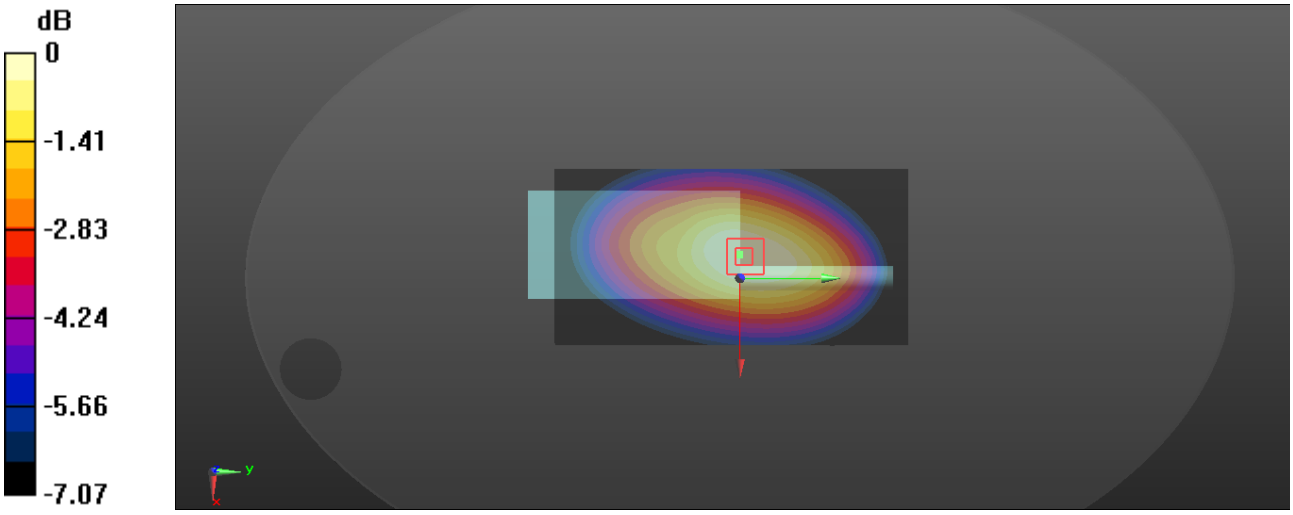
Communication System:FM; Frequency: 463.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 463.988 MHz; σ = 0.889 S/m; ε_r = 42.715; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 463.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 10.5 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 103.2 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 9.5 W/kg; SAR(10 g) = 7.21 W/kg
Maximum value of SAR (measured) = 9.96 W/kg



0 dB = 9.96 W/kg = 9.98 dBW/kg

Test Plot 23#: FM_12.5kHz_479.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

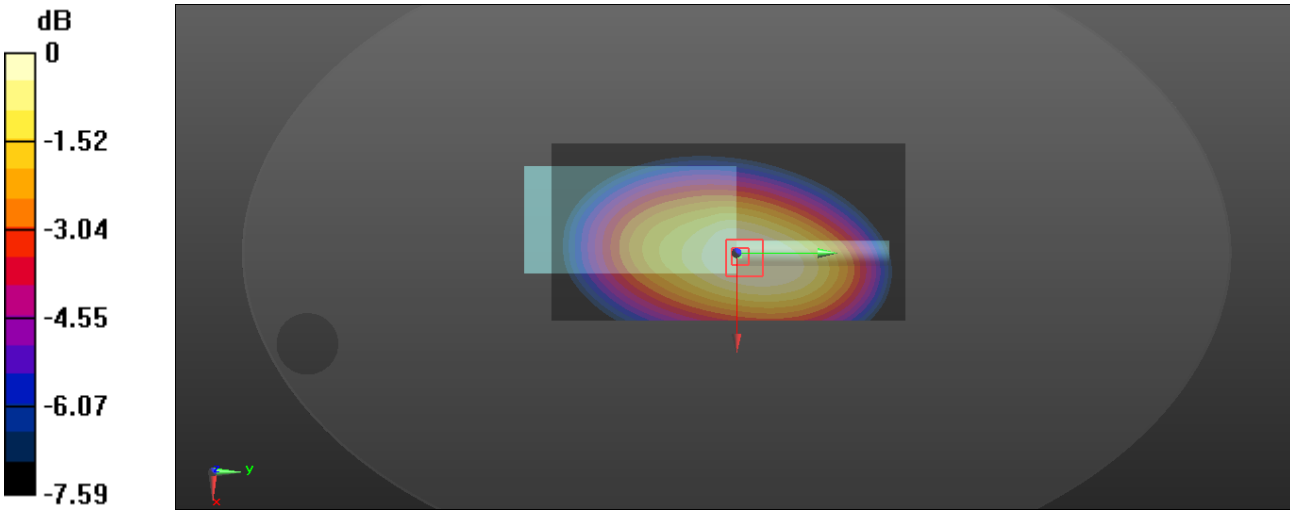
Communication System:FM; Frequency: 479.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 479.988 MHz; σ = 0.894 S/m; ε_r = 42.285; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 7.82 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.64 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 9.17 W/kg
SAR(1 g) = 6.89 W/kg; SAR(10 g) = 5.12 W/kg
Maximum value of SAR (measured) = 7.27 W/kg



0 dB = 7.27 W/kg = 8.62 dBW/kg

Test Plot 24#: FM_25kHz_416.0125MHz_Face Up

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

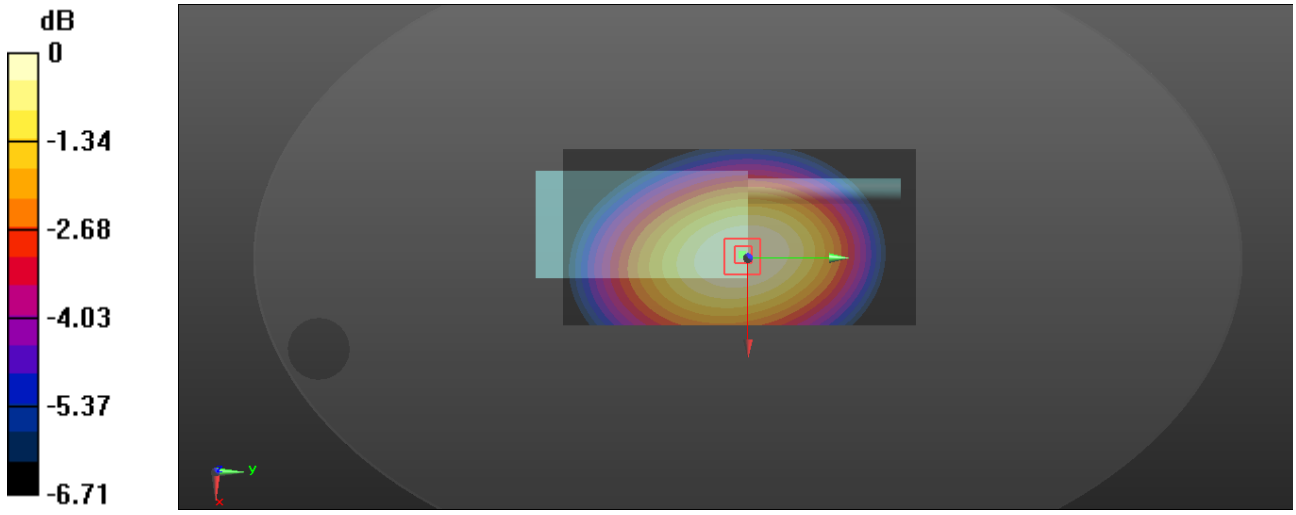
Communication System:FM; Frequency: 416.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 416.012 MHz; σ = 0.852 S/m; ε_r = 44.468; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 6.55 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.34 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 7.71 W/kg
SAR(1 g) = 5.56 W/kg; SAR(10 g) = 4.31 W/kg
Maximum value of SAR (measured) = 6.33 W/kg



0 dB = 6.33 W/kg = 8.01 dBW/kg

Test Plot 25#: FM_25kHz_400.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

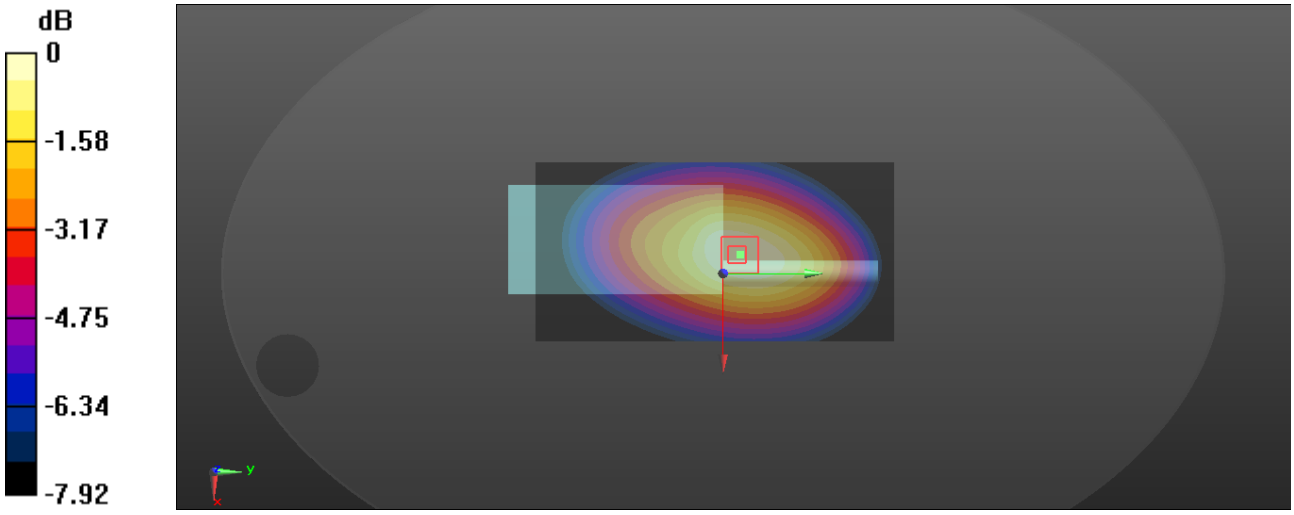
Communication System:FM; Frequency: 400.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 400.012 MHz; σ = 0.841 S/m; ε_r = 44.873; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 10.9 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 109.2 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 13.6 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 7.53 W/kg
Maximum value of SAR (measured) = 10.8 W/kg



0 dB = 10.8 W/kg = 10.33 dBW/kg

Test Plot 26#: FM_25kHz_416.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

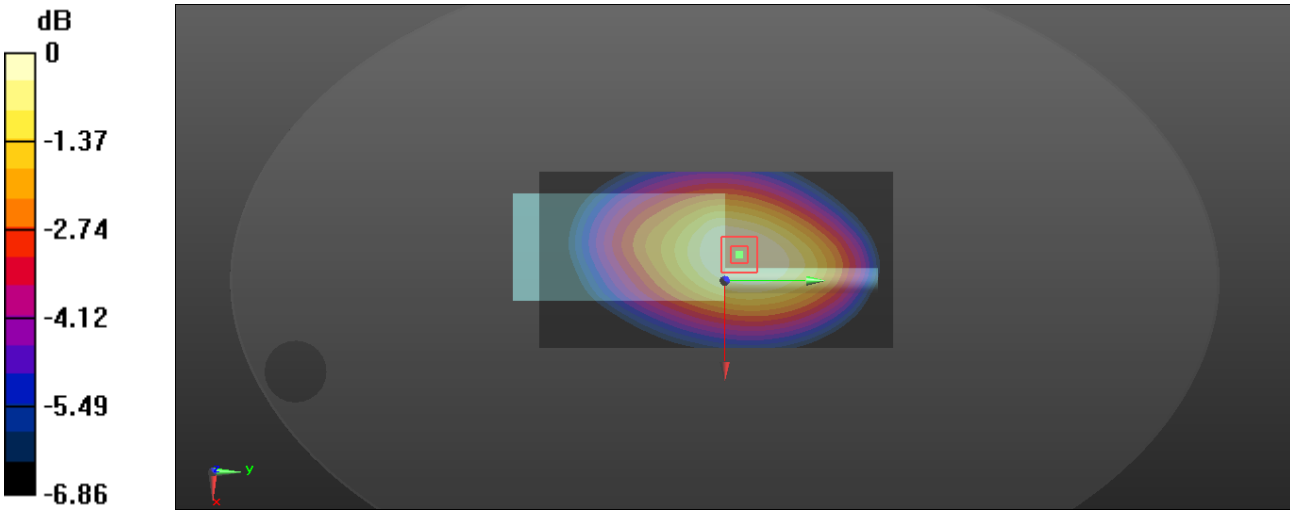
Communication System:FM; Frequency: 416.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 416.012 MHz; σ = 0.852 S/m; ε_r = 44.468; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 13.7 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 122.0 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 15.1 W/kg
SAR(1 g) = 10.6 W/kg; SAR(10 g) = 8.18 W/kg
Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg = 11.11 dBW/kg

Test Plot 27#: FM_25kHz_432.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

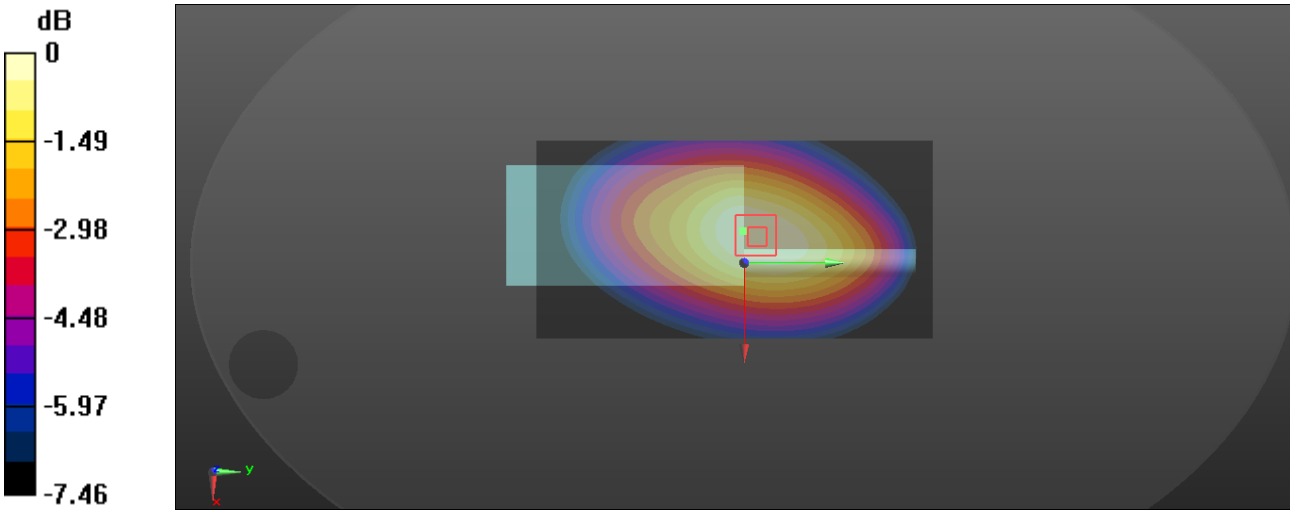
Communication System:FM; Frequency: 432.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 432.012 MHz; σ = 0.858 S/m; ε_r = 44.316; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 10.8 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 105.2 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 10 W/kg; SAR(10 g) = 7.7 W/kg
Maximum value of SAR (measured) = 10.5 W/kg



0 dB = 10.5 W/kg = 10.21 dBW/kg

Test Plot 28#: FM_25kHz_447.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

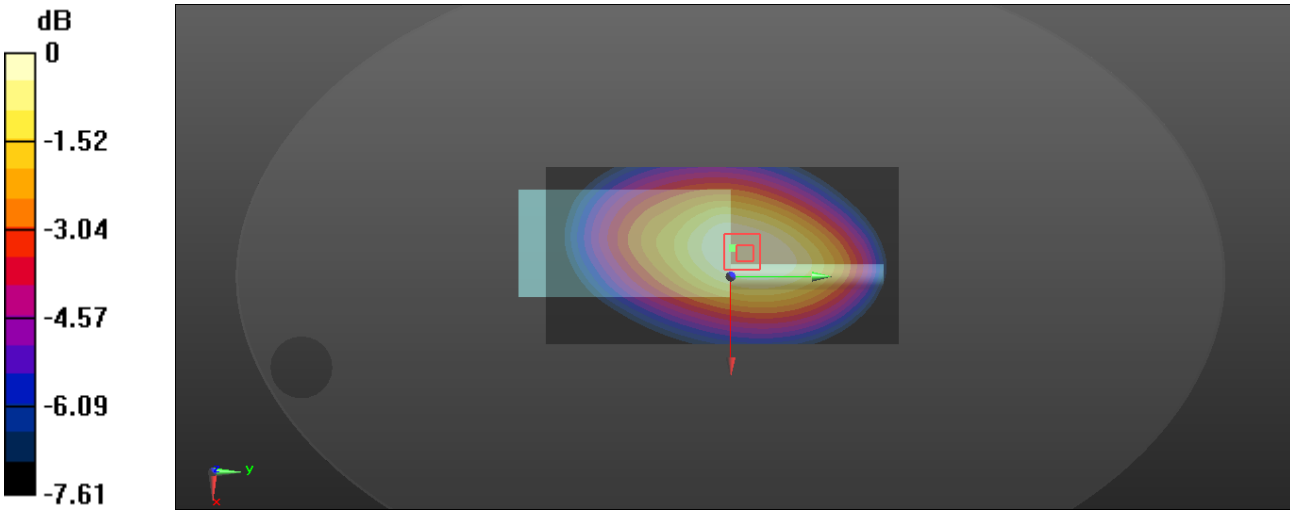
Communication System:FM; Frequency: 447.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 447.988 MHz; σ = 0.873 S/m; ε_r = 43.616; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 447.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 10.3 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 101.9 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 11.8 W/kg
SAR(1 g) = 9.3 W/kg; SAR(10 g) = 7.09 W/kg
Maximum value of SAR (measured) = 9.71 W/kg



0 dB = 9.71 W/kg = 9.87 dBW/kg

Test Plot 29#: FM_25kHz_463.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

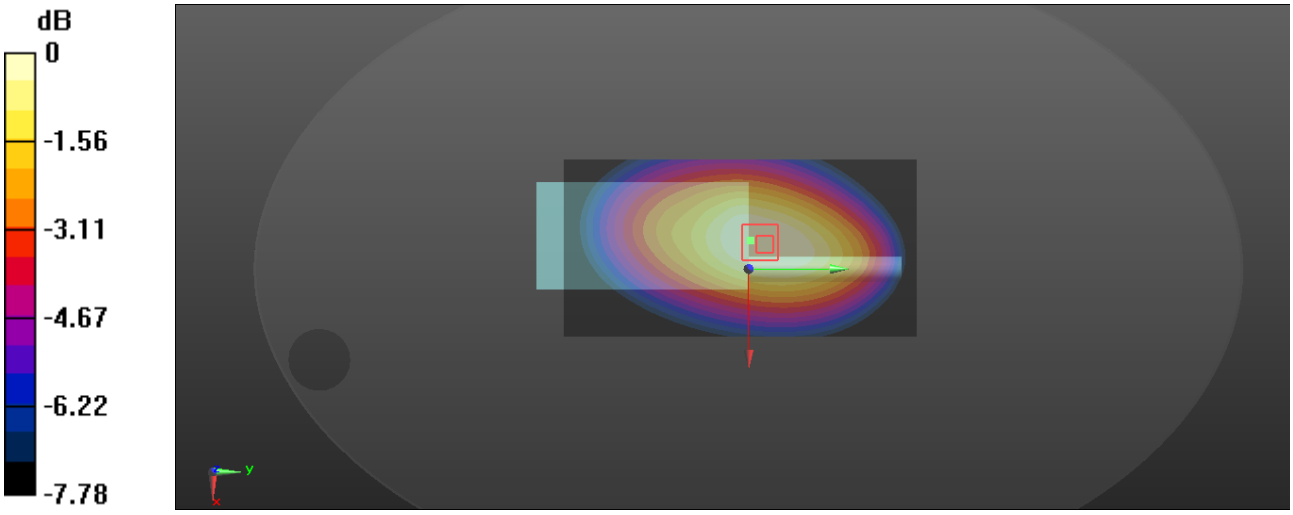
Communication System:FM; Frequency: 463.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 463.988 MHz; σ = 0.889 S/m; ε_r = 42.715; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 463.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 9.90 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.07 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 11.5 W/kg
SAR(1 g) = 9.02 W/kg; SAR(10 g) = 6.85 W/kg
Maximum value of SAR (measured) = 9.42 W/kg



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

Test Plot 30#: FM_25kHz_479.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

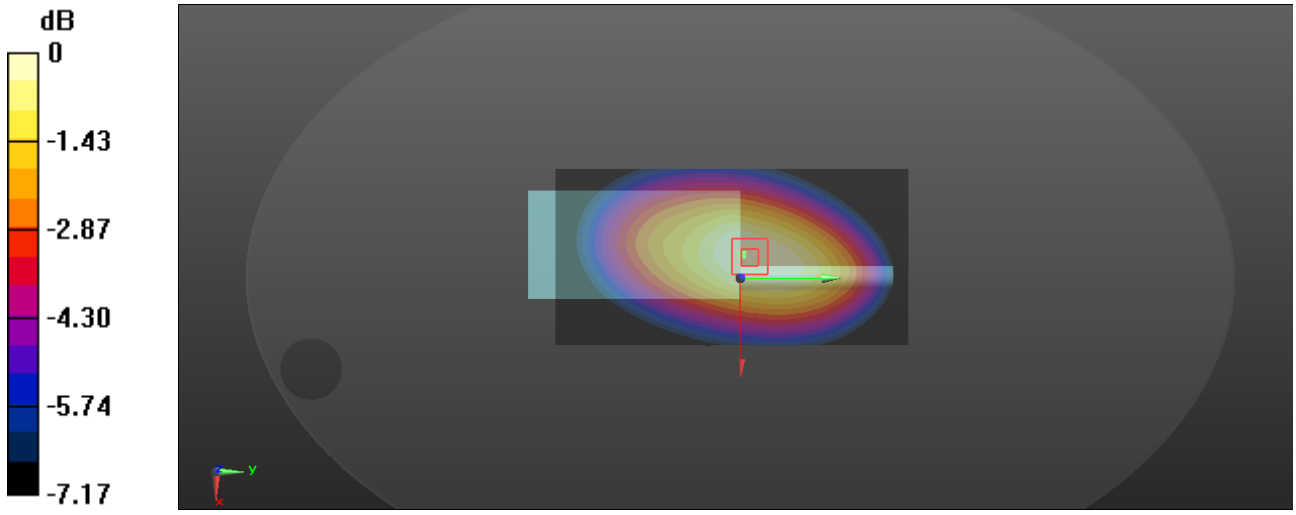
Communication System:FM; Frequency: 479.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 479.988 MHz; σ = 0.894 S/m; ε_r = 42.285; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 7.42 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 87.45 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 8.76 W/kg
SAR(1 g) = 6.82 W/kg; SAR(10 g) = 5.15 W/kg
Maximum value of SAR (measured) = 7.15 W/kg



0 dB = 7.15 W/kg = 8.54 dBW/kg

Test Plot 31#: 4FSK_416.0125MHz_Face Up

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

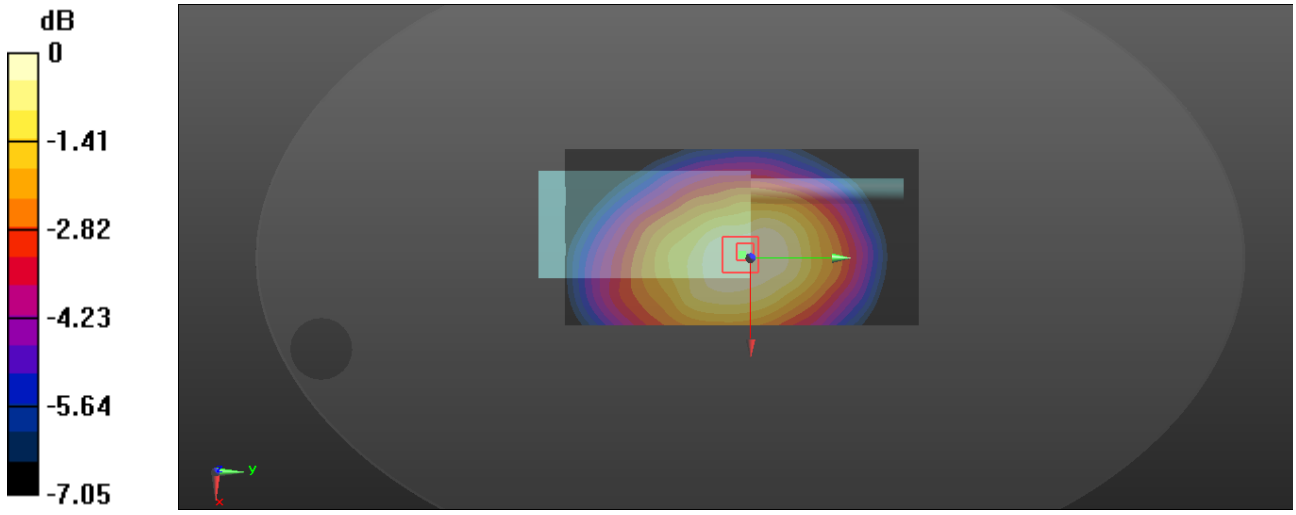
Communication System:4FSK; Frequency: 416.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 416.012 MHz; σ = 0.852 S/m; ε_r = 44.468; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 3.19 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 61.91 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.86 W/kg
SAR(1 g) = 2.88 W/kg; SAR(10 g) = 2.21 W/kg
Maximum value of SAR (measured) = 3.10 W/kg



0 dB = 3.10 W/kg = 4.91 dBW/kg

Test Plot 32#: 4FSK_416.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GBAA; Serial: LC201130001-GB

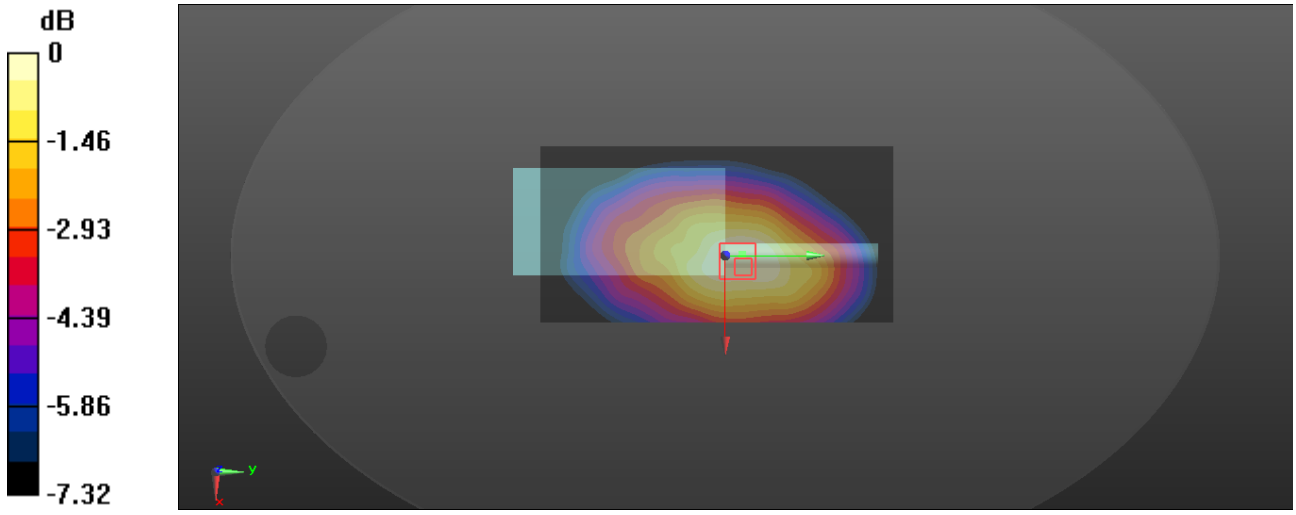
Communication System:4FSK; Frequency: 416.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 416.012 MHz; σ = 0.852 S/m; ε_r = 44.468; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 6.52 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 84.91 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 8.16 W/kg
SAR(1 g) = 5.9 W/kg; SAR(10 g) = 4.39 W/kg
Maximum value of SAR (measured) = 6.28 W/kg



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

Test Plot 33#: FM_12.5kHz_416.0125MHz_Face Up

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

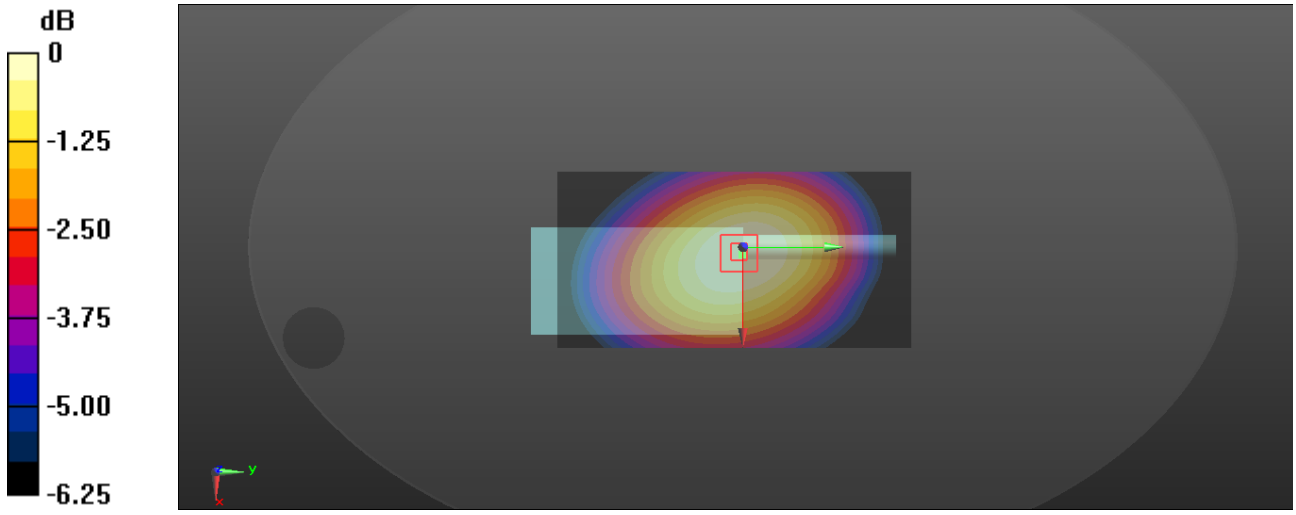
Communication System:FM; Frequency: 416.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 416.012 MHz; σ = 0.855 S/m; ε_r = 43.376; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 8.25 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 99.31 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 9.41 W/kg
SAR(1 g) = 6.58 W/kg; SAR(10 g) = 5.16 W/kg
Maximum value of SAR (measured) = 7.93 W/kg



0 dB = 7.93 W/kg = 8.99 dBW/kg

Test Plot 34#: FM_12.5kHz_400.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

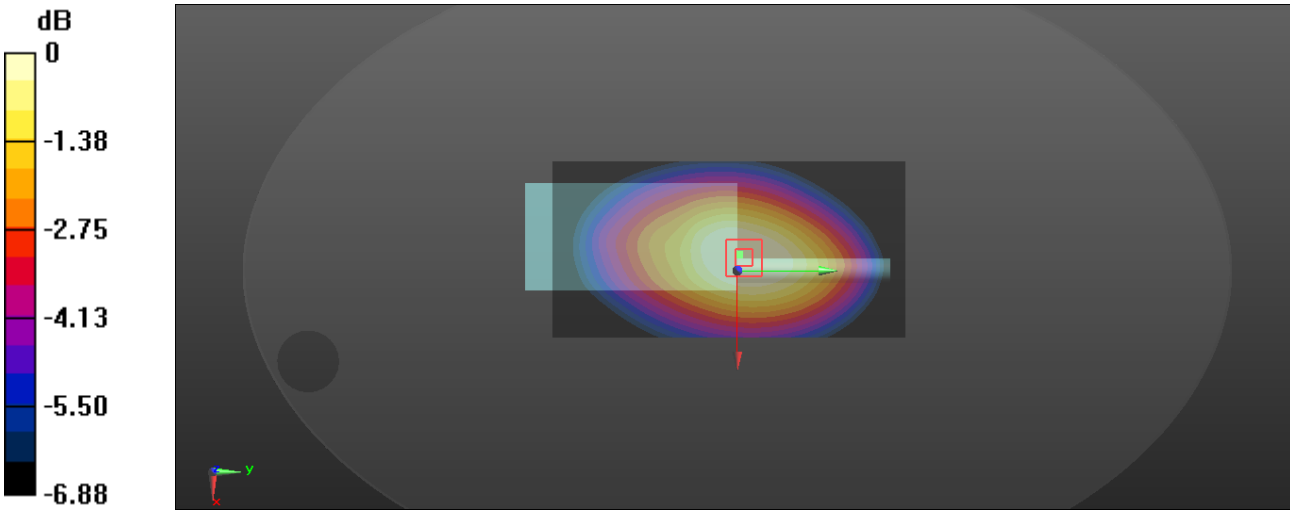
Communication System:FM; Frequency: 400.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 400.012 MHz; σ = 0.848 S/m; ε_r = 43.424; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 11.0 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 116.5 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 12.7 W/kg
SAR(1 g) = 9.72 W/kg; SAR(10 g) = 7.36 W/kg
Maximum value of SAR (measured) = 10.2 W/kg



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

Test Plot 35#: FM_12.5kHz_416.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

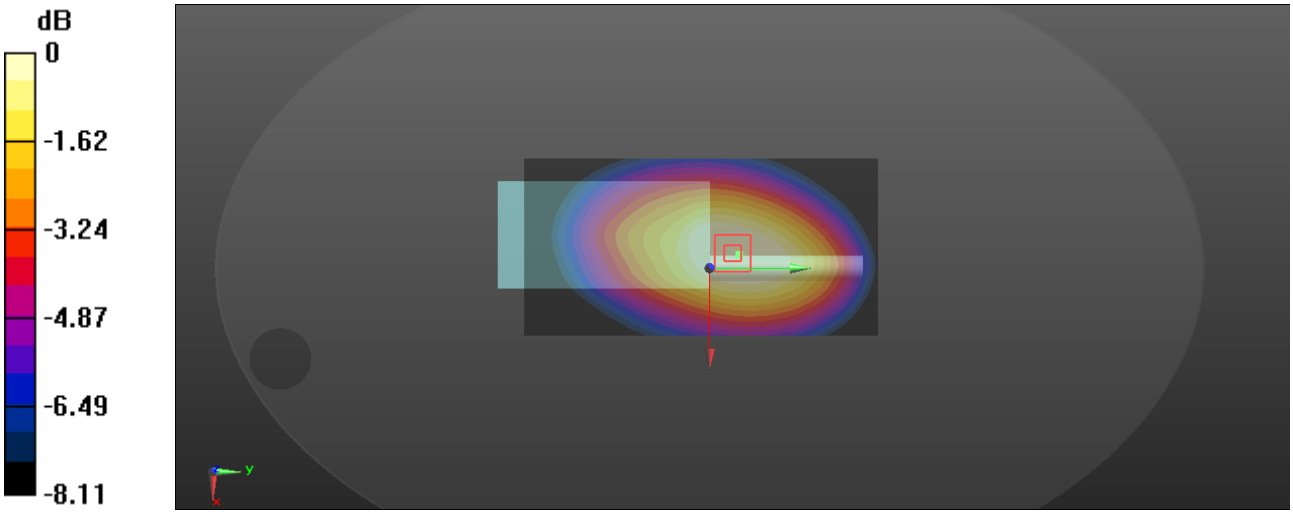
Communication System:FM; Frequency: 416.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 416.012 MHz; σ = 0.855 S/m; ε_r = 43.376; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 13.3 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 123.6 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 15.4 W/kg
SAR(1 g) = 10.9 W/kg; SAR(10 g) = 7.98 W/kg
Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg

Test Plot 36#: FM_12.5kHz_432.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

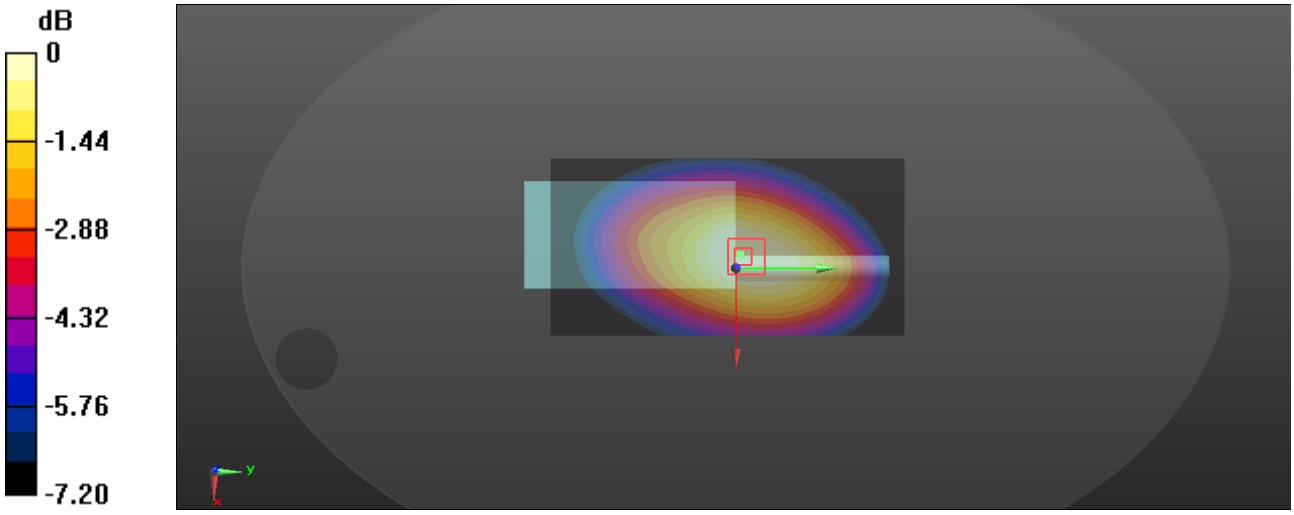
Communication System:FM; Frequency: 432.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 432.012 MHz; σ = 0.869 S/m; ε_r = 43.274; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 11.9 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 97.39 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 13.8 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 7.69 W/kg
Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 11.1 W/kg = 10.45 dBW/kg

Test Plot 37#: FM_12.5kHz_447.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

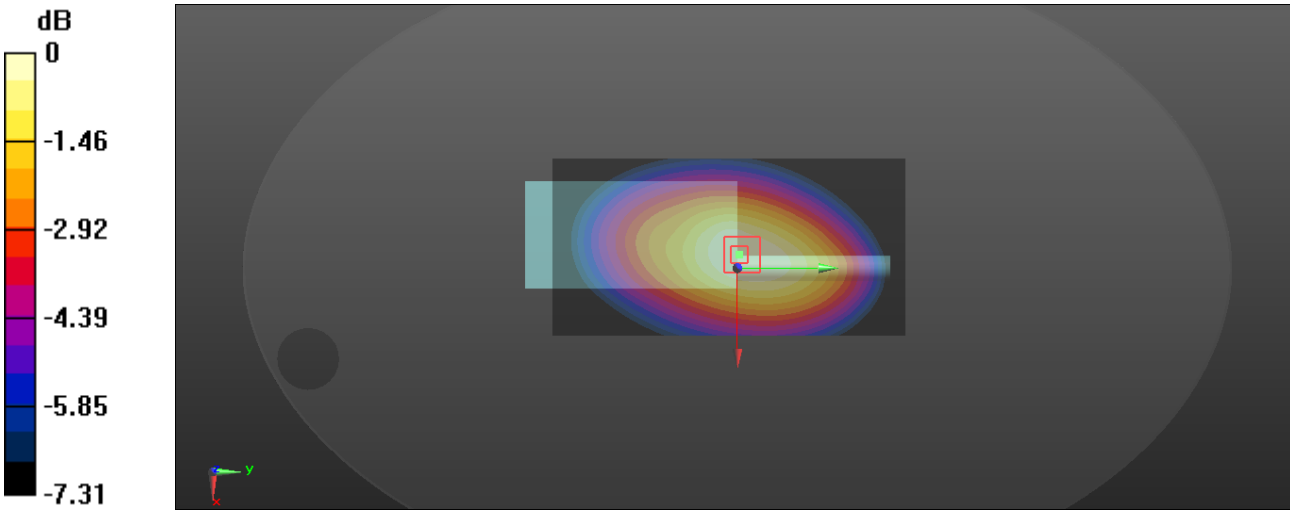
Communication System:FM; Frequency: 447.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 447.988 MHz; σ = 0.872 S/m; ε_r = 43.079; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 447.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 9.63 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 92.63 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 11.6 W/kg
SAR(1 g) = 8.84 W/kg; SAR(10 g) = 6.63 W/kg
Maximum value of SAR (measured) = 9.29 W/kg



0 dB = 9.29 W/kg = 9.68 dBW/kg

Test Plot 38#: FM_12.5kHz_463.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

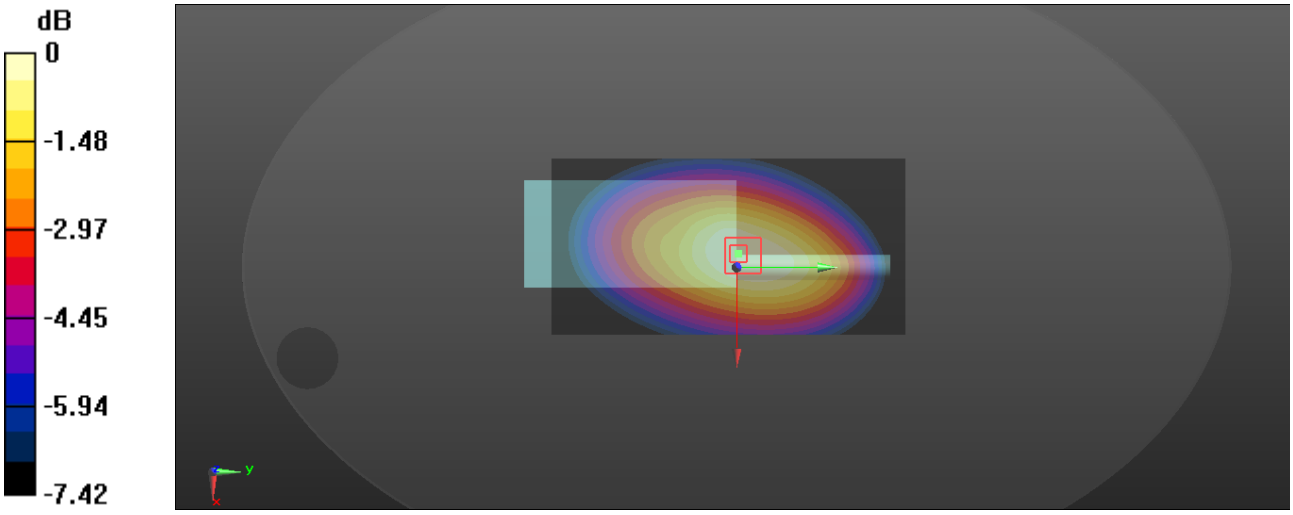
Communication System:FM; Frequency: 463.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 463.988 MHz; σ = 0.896 S/m; ε_r = 42.642; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 463.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 10.2 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 91.95 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 12.3 W/kg
SAR(1 g) = 9.4 W/kg; SAR(10 g) = 7.04 W/kg
Maximum value of SAR (measured) = 9.88 W/kg



0 dB = 9.88 W/kg = 9.95 dBW/kg

Test Plot 39#: FM_12.5kHz_479.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

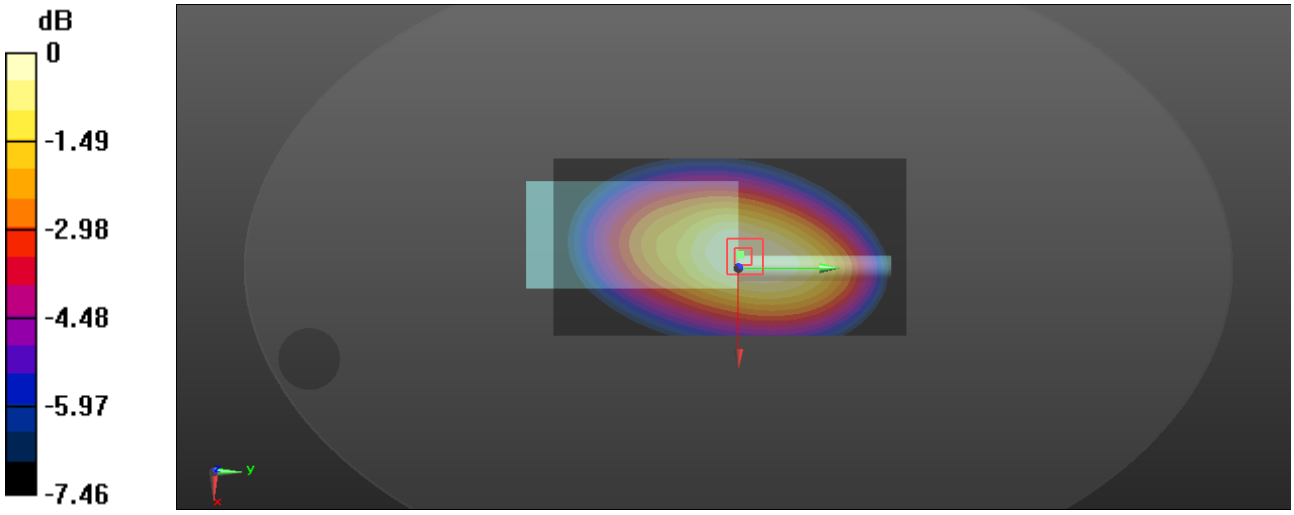
Communication System:FM; Frequency: 479.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 479.988 MHz; σ = 0.903 S/m; ε_r = 42.257; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 8.48 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 91.68 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 7.77 W/kg; SAR(10 g) = 5.82 W/kg
Maximum value of SAR (measured) = 8.16 W/kg



0 dB = 8.16 W/kg = 9.12 dBW/kg

Test Plot 40#: FM_25kHz_416.0125MHz_Face Up

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

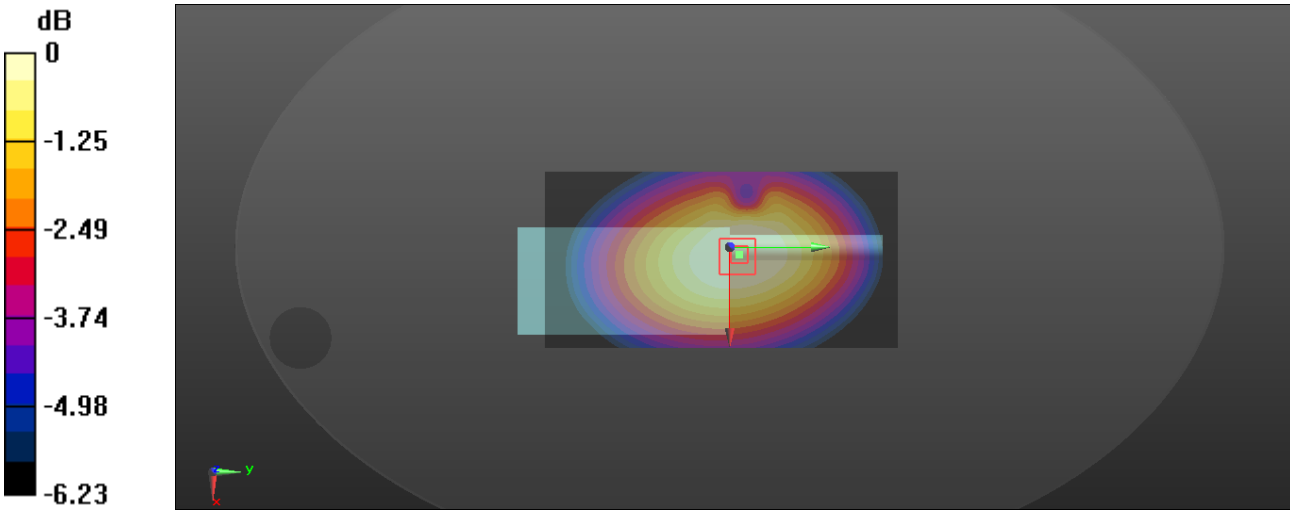
Communication System:FM; Frequency: 416.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 416.012 MHz; σ = 0.855 S/m; ε_r = 43.376; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 8.41 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 100.6 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 9.45 W/kg
SAR(1 g) = 6.75 W/kg; SAR(10 g) = 5.29 W/kg
Maximum value of SAR (measured) = 8.01 W/kg



0 dB = 8.01 W/kg = 9.04 dBW/kg

Test Plot 41#: FM_25kHz_400.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

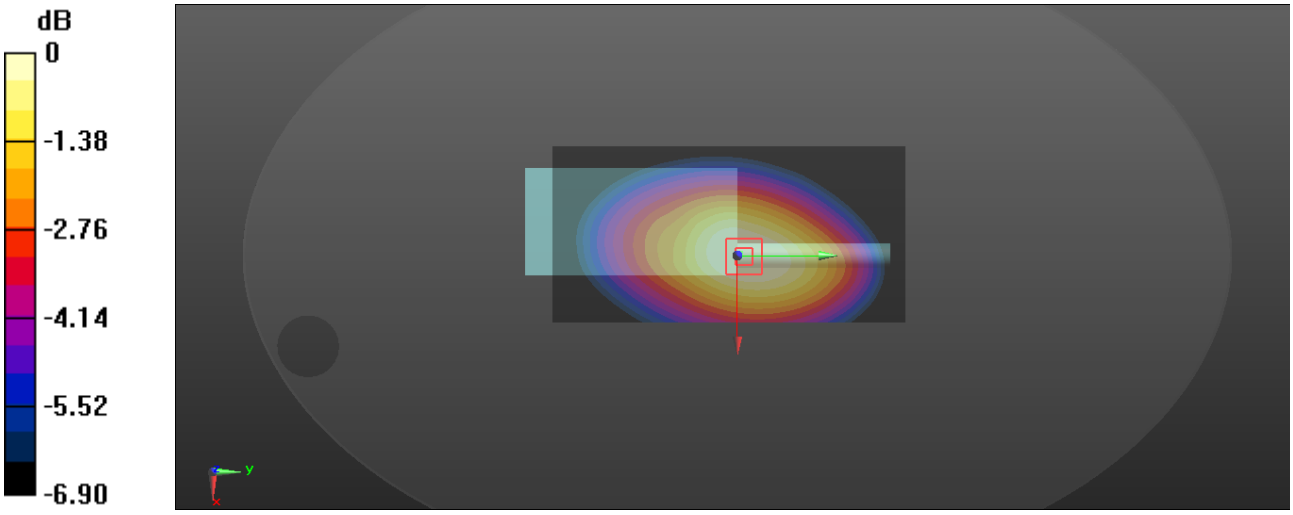
Communication System:FM; Frequency: 400.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 400.012 MHz; σ = 0.848 S/m; ε_r = 43.424; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 10.1 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 110.6 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 11.8 W/kg
SAR(1 g) = 9.1 W/kg; SAR(10 g) = 6.88 W/kg
Maximum value of SAR (measured) = 9.55 W/kg



0 dB = 9.55 W/kg = 9.80 dBW/kg

Test Plot 42#: FM_25kHz_416.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

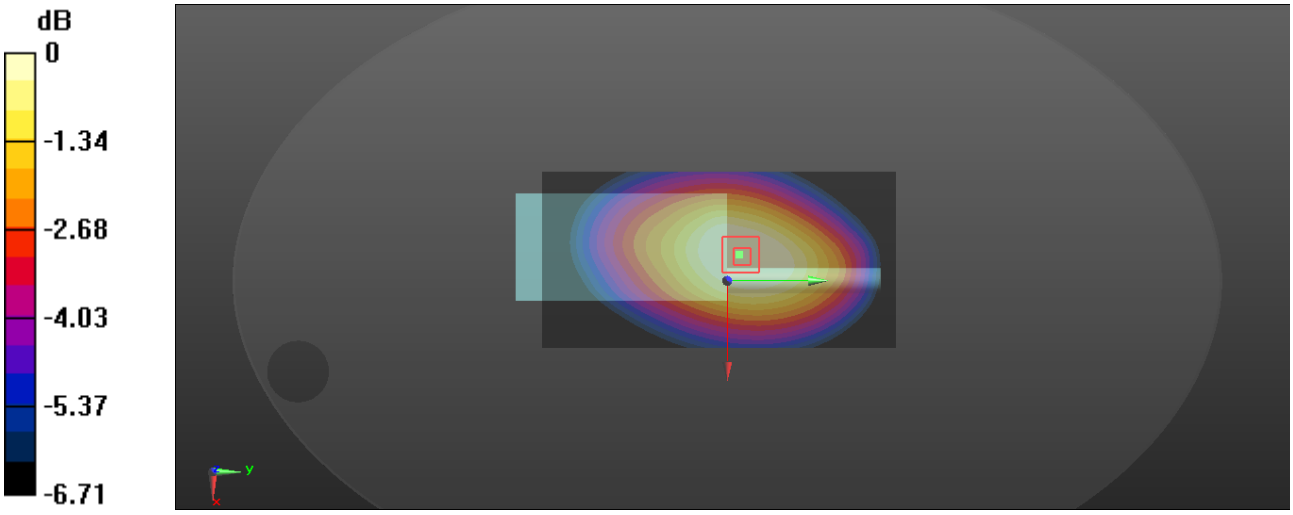
Communication System:FM; Frequency: 416.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 416.012 MHz; σ = 0.855 S/m; ε_r = 43.376; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 13.6 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 121.9 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(1 g) = 10.5 W/kg; SAR(10 g) = 8.03 W/kg
Maximum value of SAR (measured) = 12.4 W/kg



0 dB = 12.4 W/kg = 10.93 dBW/kg

Test Plot 43#: FM_25kHz_432.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

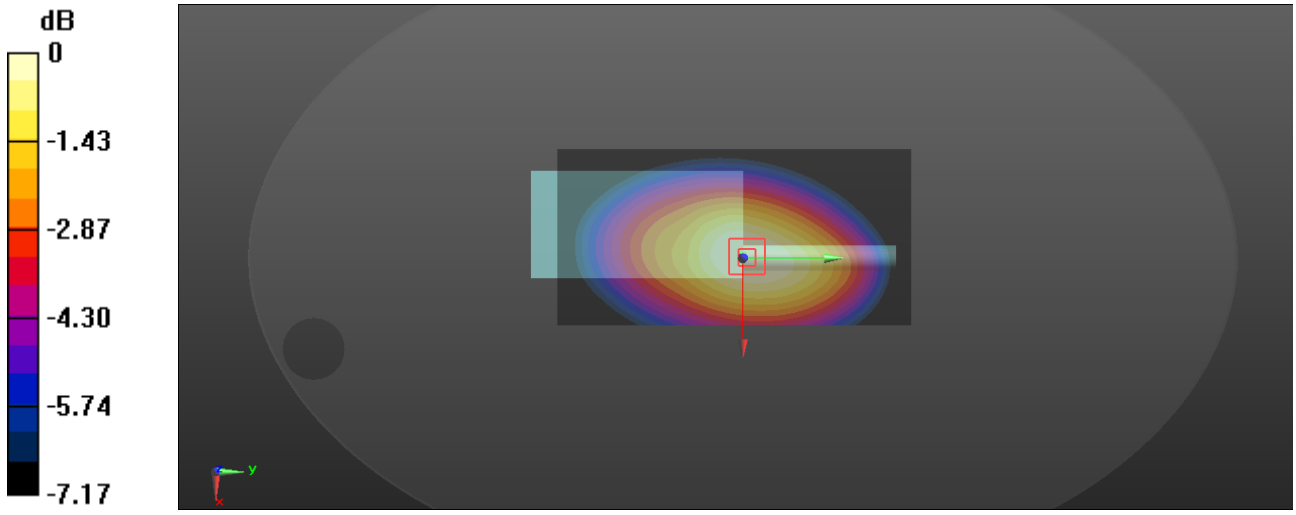
Communication System:FM; Frequency: 432.012 MHz;Duty Cycle: 1:1
Medium parameters used: f = 432.012 MHz; σ = 0.869 S/m; ε_r = 43.274; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 11.1 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 115.3 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 13.1 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.58 W/kg
Maximum value of SAR (measured) = 10.6 W/kg



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

Test Plot 44#: FM_25kHz_447.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

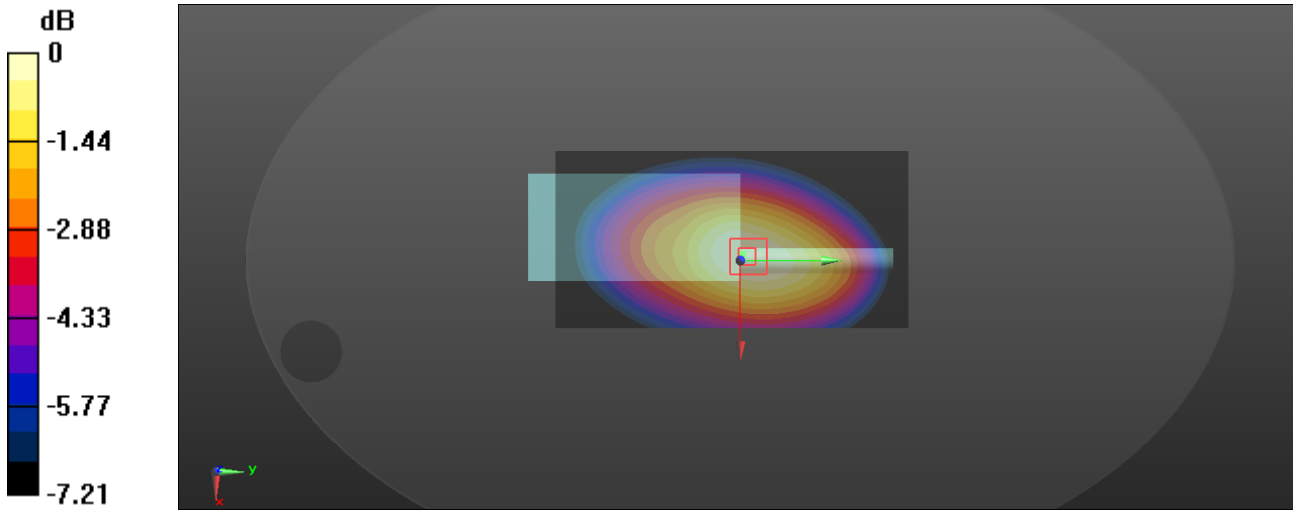
Communication System:FM; Frequency: 447.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 447.988 MHz; σ = 0.872 S/m; ε_r = 43.079; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 447.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 9.60 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 105.2 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 11.6 W/kg
SAR(1 g) = 8.88 W/kg; SAR(10 g) = 6.68 W/kg
Maximum value of SAR (measured) = 9.31 W/kg



0 dB = 9.31 W/kg = 9.69 dBW/kg

Test Plot 45#: FM_25kHz_463.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

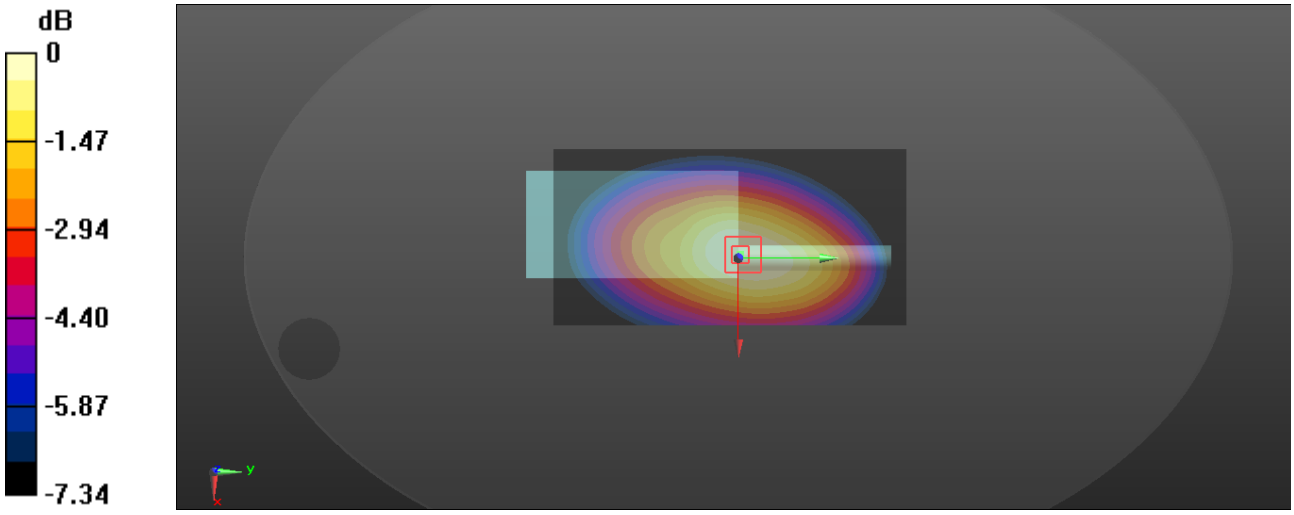
Communication System:FM; Frequency: 463.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 463.988 MHz; σ = 0.896 S/m; ε_r = 42.642; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 463.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 10.2 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 108.3 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 12.2 W/kg
SAR(1 g) = 9.34 W/kg; SAR(10 g) = 7.01 W/kg
Maximum value of SAR (measured) = 9.82 W/kg



0 dB = 9.82 W/kg = 9.92 dBW/kg

Test Plot 46#: FM_25kHz_479.9875MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

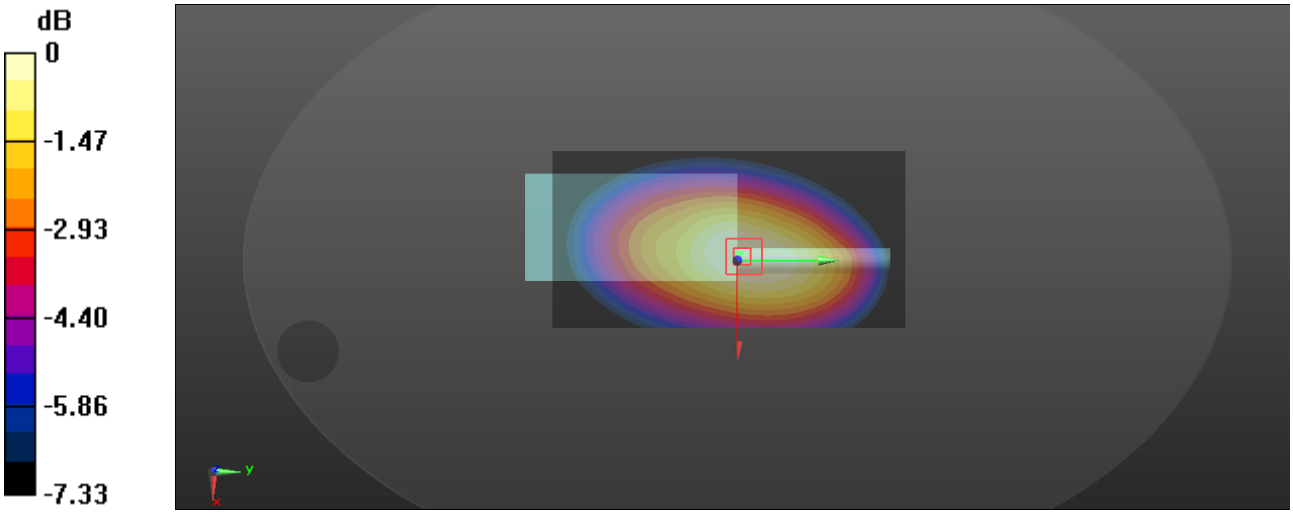
Communication System:FM; Frequency: 479.988 MHz;Duty Cycle: 1:1
Medium parameters used: f = 479.988 MHz; σ = 0.903 S/m; ε_r = 42.257; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 8.56 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 98.10 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 7.8 W/kg; SAR(10 g) = 5.86 W/kg
Maximum value of SAR (measured) = 8.18 W/kg



0 dB = 8.18 W/kg = 9.13 dBW/kg

Test Plot 47#: 4FSK_416.0125MHz_Face Up

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

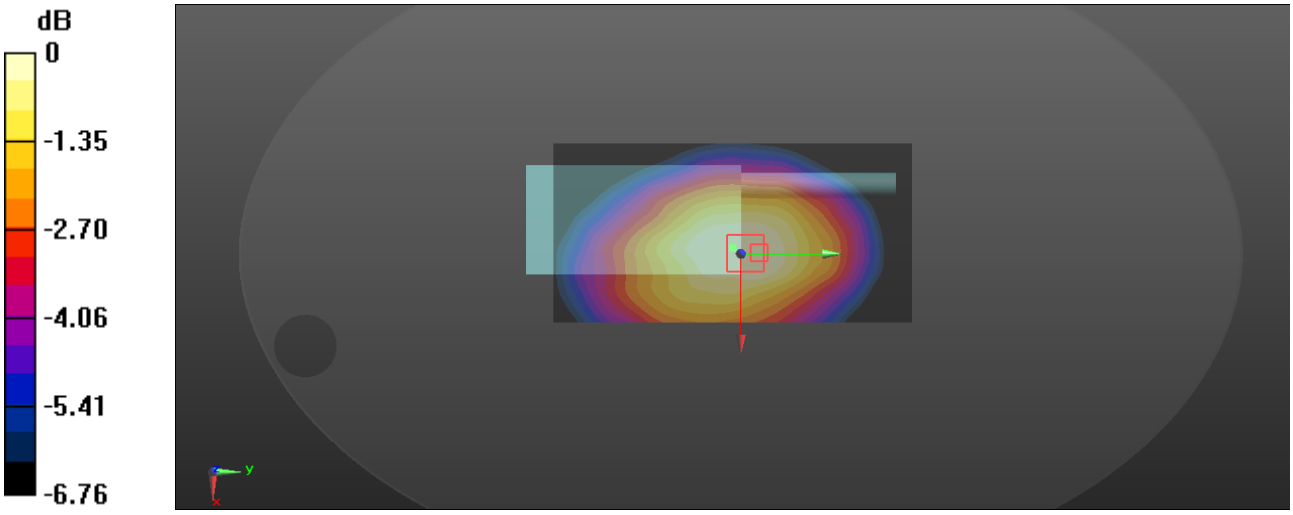
Communication System:4FSK; Frequency: 416.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 416.012 MHz; σ = 0.855 S/m; ε_r = 43.376; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 4.40 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 71.21 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 5.33 W/kg
SAR(1 g) = 3.95 W/kg; SAR(10 g) = 3.05 W/kg
Maximum value of SAR (measured) = 4.15 W/kg



0 dB = 4.15 W/kg = 6.18 dBW/kg

Test Plot 48#: 4FSK_416.0125MHz_Body Back

DUT: Two way radio; Type: T03-00302-GCAA; Serial: LC201130001-GC

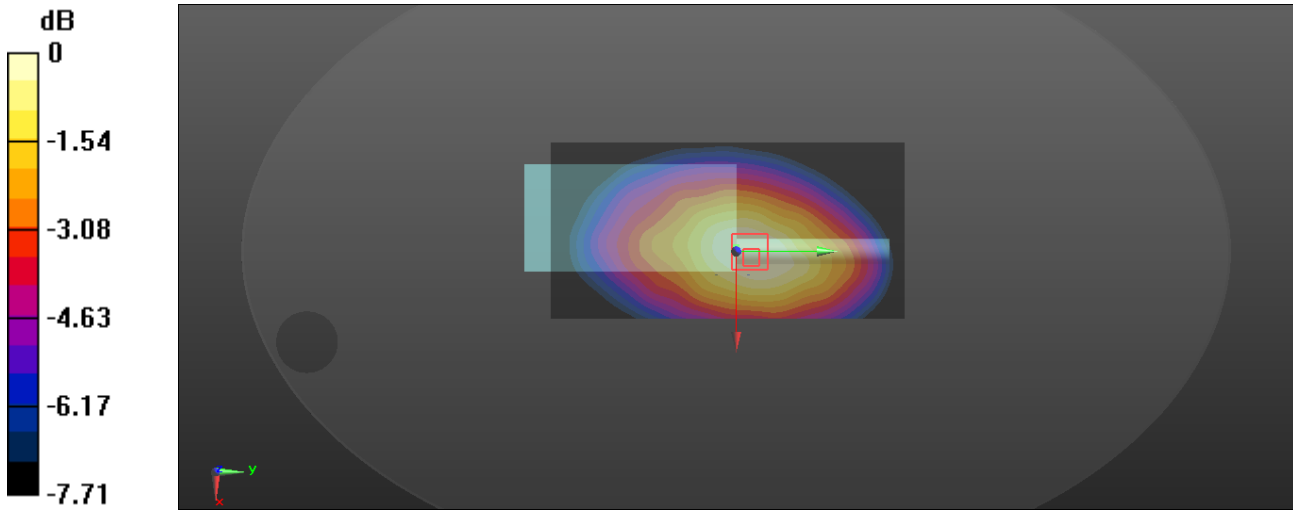
Communication System:4FSK; Frequency: 416.012 MHz;Duty Cycle: 1:2
Medium parameters used: f = 416.012 MHz; σ = 0.855 S/m; ε_r = 43.376; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- 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) = 6.74 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 86.93 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 7.74 W/kg
SAR(1 g) = 5.93 W/kg; SAR(10 g) = 4.53 W/kg
Maximum value of SAR (measured) = 6.44 W/kg



0 dB = 6.44 W/kg = 8.09 dBW/kg