Test Plot 1#: FM 12.5kHz_400.0125 MHz_Face Up

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 400.012 MHz; σ = 0.835 S/m; ε_r = 43.813; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
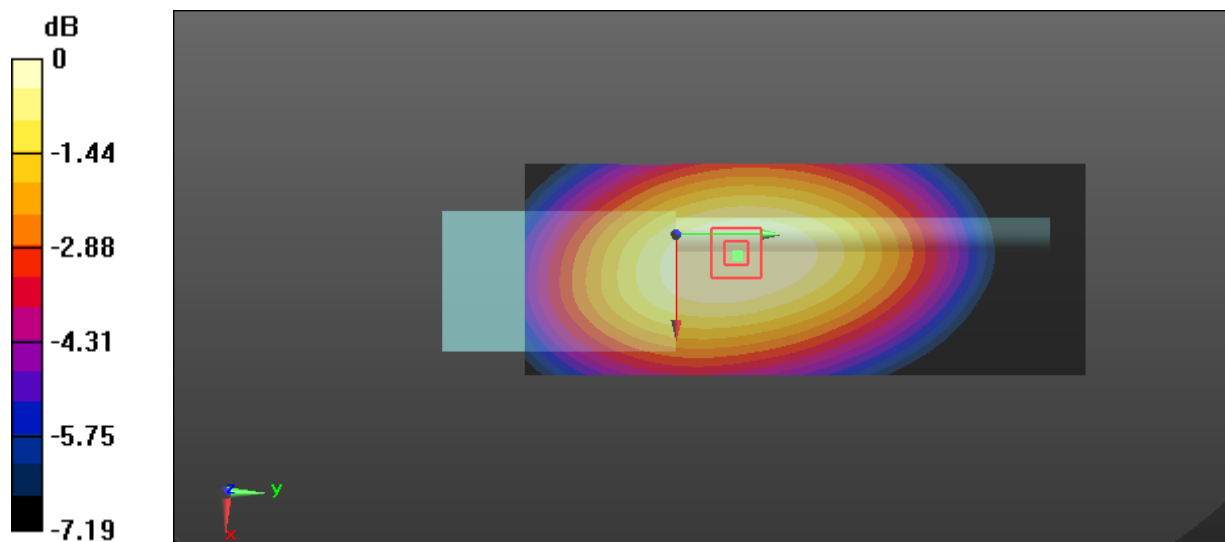
Maximum value of SAR (interpolated) = 7.28 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.70 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.73 W/kg

SAR(1 g) = 6.65 W/kg; SAR(10 g) = 5.05 W/kg

Maximum value of SAR (measured) = 6.97 W/kg

0 dB = 6.97 W/kg = 8.43 dBW/kg

Test Plot 2#: FM 25kHz_400.0125 MHz_Face Up

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 400.012 MHz; σ = 0.835 S/m; $ε_r$ = 43.813; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

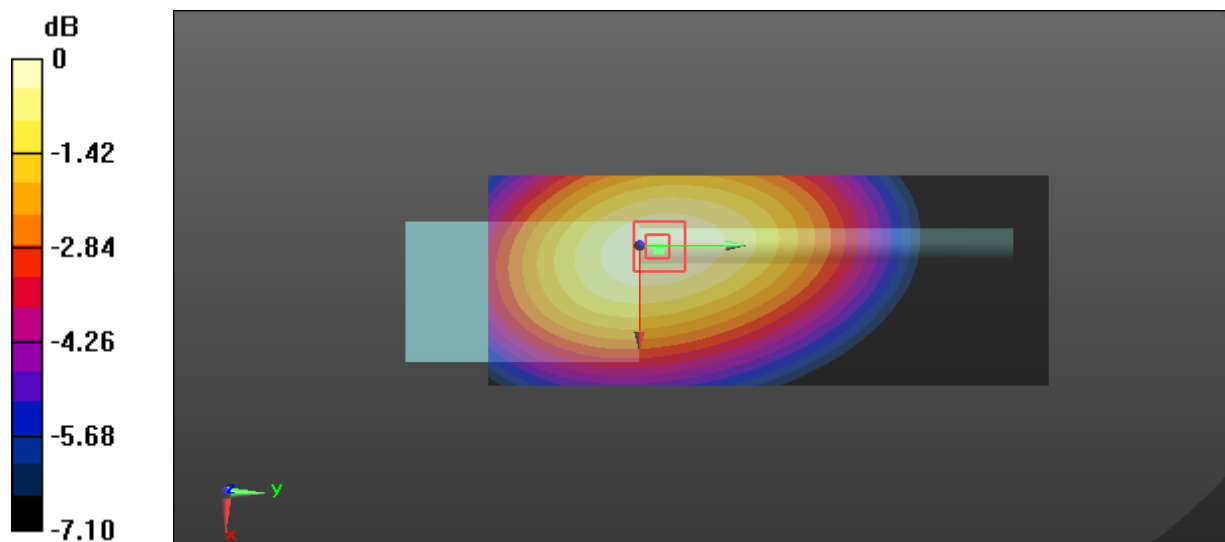Maximum value of SAR (interpolated) = 6.20 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.65 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 7.73 W/kg

SAR(1 g) = 5.99 W/kg; SAR(10 g) = 4.56 W/kg

Maximum value of SAR (measured) = 6.28 W/kg

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

Test Plot 3#: 4FSK_400.0125 MHz_Face Up

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: 4FSK; Frequency: 400.012 MHz;Duty Cycle: 1:2

Medium parameters used: f = 400.012 MHz; σ = 0.835 S/m; $ε_r$ = 43.813; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

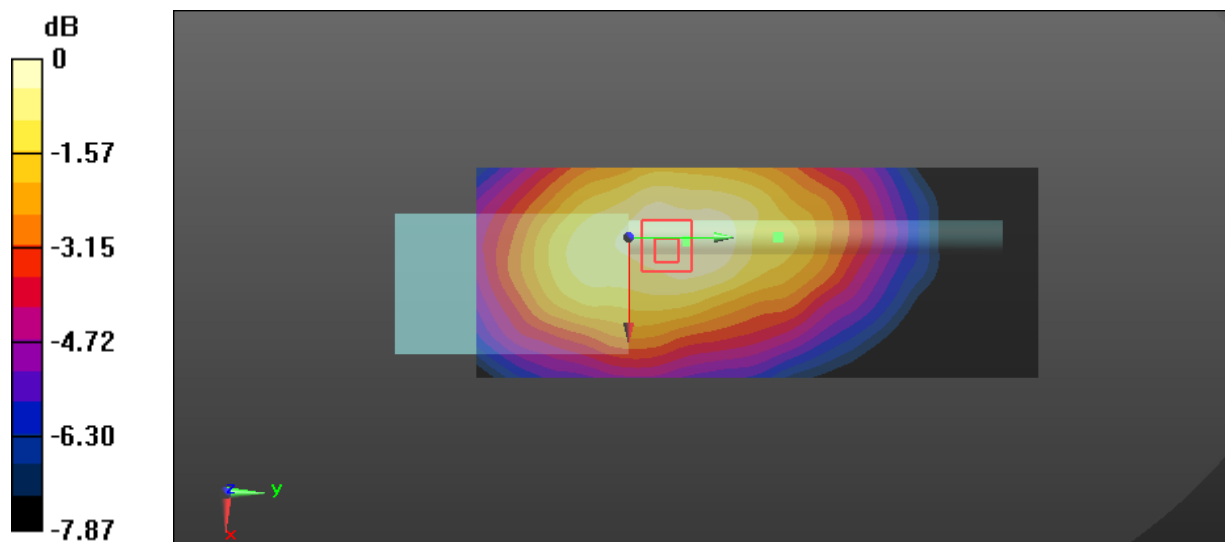Maximum value of SAR (interpolated) = 3.17 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 61.41 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.46 W/kg

SAR(1 g) = 3.03 W/kg; SAR(10 g) = 2.27 W/kg

Maximum value of SAR (measured) = 3.18 W/kg

0 dB = 3.18 W/kg = 5.02 dBW/kg

Test Plot 4#: FM 12.5kHz_400.0125 MHz_Body Back

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 400.012 MHz; σ = 0.835 S/m; ε_r = 43.813; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

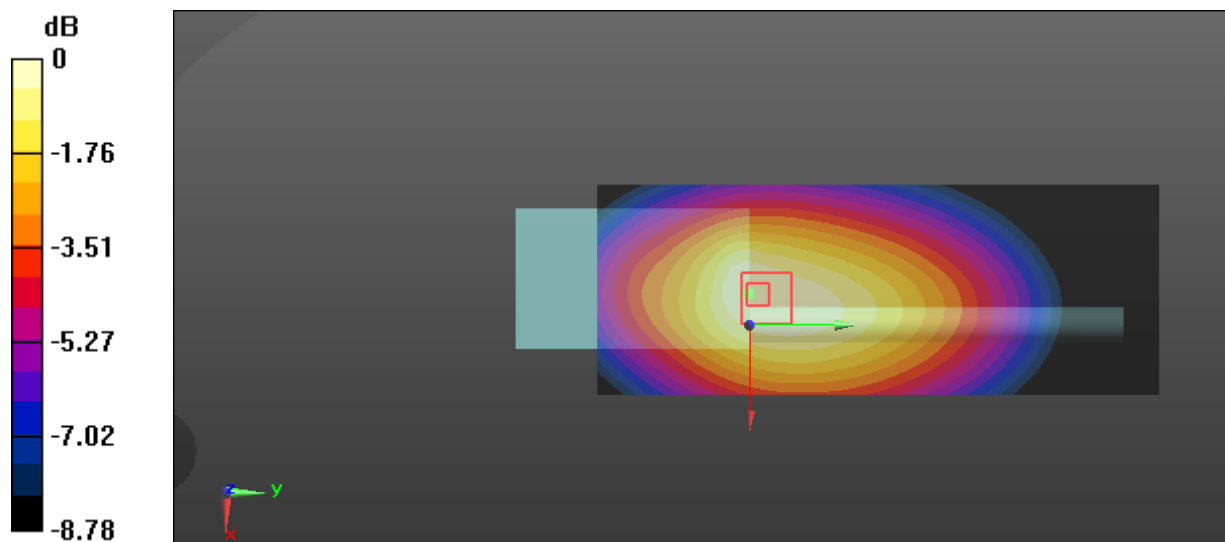Maximum value of SAR (interpolated) = 11.4 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 112.5 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 14.2 W/kg

SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.69 W/kg

Maximum value of SAR (measured) = 11.0 W/kg

0 dB = 11.0 W/kg = 10.41 dBW/kg

Test Plot 5#: FM 12.5kHz_416.0125 MHz_Body Back

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 416.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 416.012 MHz; σ = 0.841 S/m; ε_r = 43.366; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 416.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

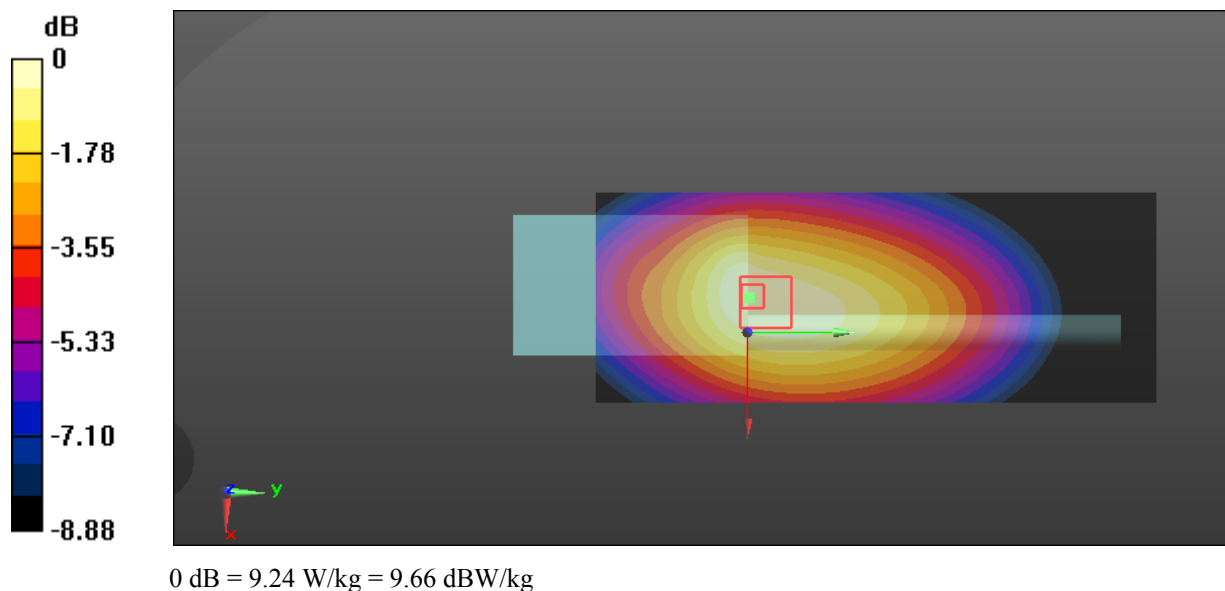Maximum value of SAR (interpolated) = 9.38 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 99.07 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 11.9 W/kg

SAR(1 g) = 8.73 W/kg; SAR(10 g) = 6.4 W/kg

Maximum value of SAR (measured) = 9.24 W/kg

0 dB = 9.24 W/kg = 9.66 dBW/kg

Test Plot 6#: FM 12.5kHz_432.0125 MHz_Body Back

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 432.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 432.012 MHz; σ = 0.854 S/m; $ε_r$ = 42.475; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 432.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
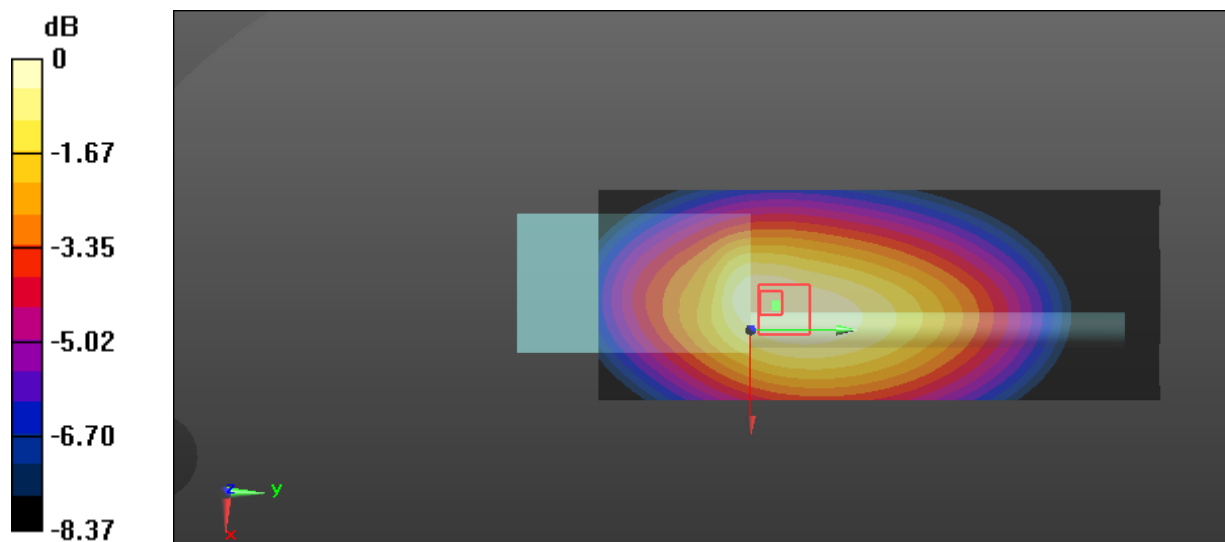
Maximum value of SAR (interpolated) = 8.72 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.30 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 8.15 W/kg; SAR(10 g) = 5.98 W/kg

Maximum value of SAR (measured) = 8.58 W/kg

0 dB = 8.58 W/kg = 9.33 dBW/kg

Test Plot 7#: FM 12.5kHz_448.0125 MHz_Body Back

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 448.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 448.012 MHz; σ = 0.846 S/m; ε_r = 42.422; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 448.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

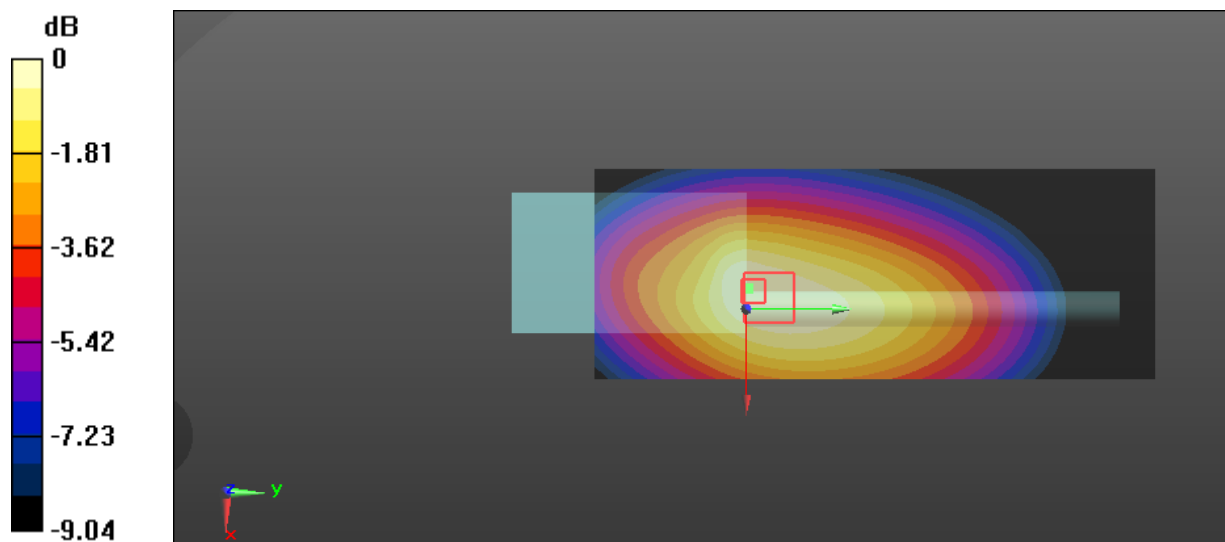Maximum value of SAR (interpolated) = 8.36 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.95 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 7.82 W/kg; SAR(10 g) = 5.68 W/kg

Maximum value of SAR (measured) = 8.27 W/kg

0 dB = 8.27 W/kg = 9.18 dBW/kg

Test Plot 8#: FM 12.5kHz_464.0125 MHz_Body Back

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 464.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 464.012 MHz; σ = 0.871 S/m; $ε_r$ = 42.225; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 464.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
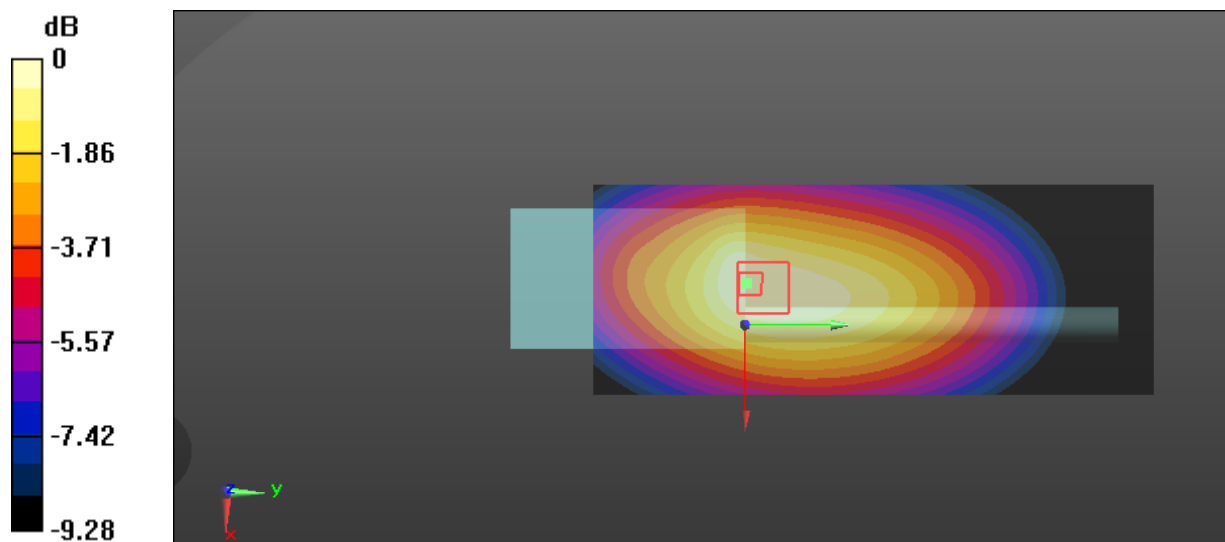
Maximum value of SAR (interpolated) = 9.24 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.37 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 8.72 W/kg; SAR(10 g) = 6.28 W/kg

Maximum value of SAR (measured) = 9.24 W/kg

0 dB = 9.24 W/kg = 9.66 dBW/kg

Test Plot 9#: FM 12.5kHz_479.9875 MHz_Body Back
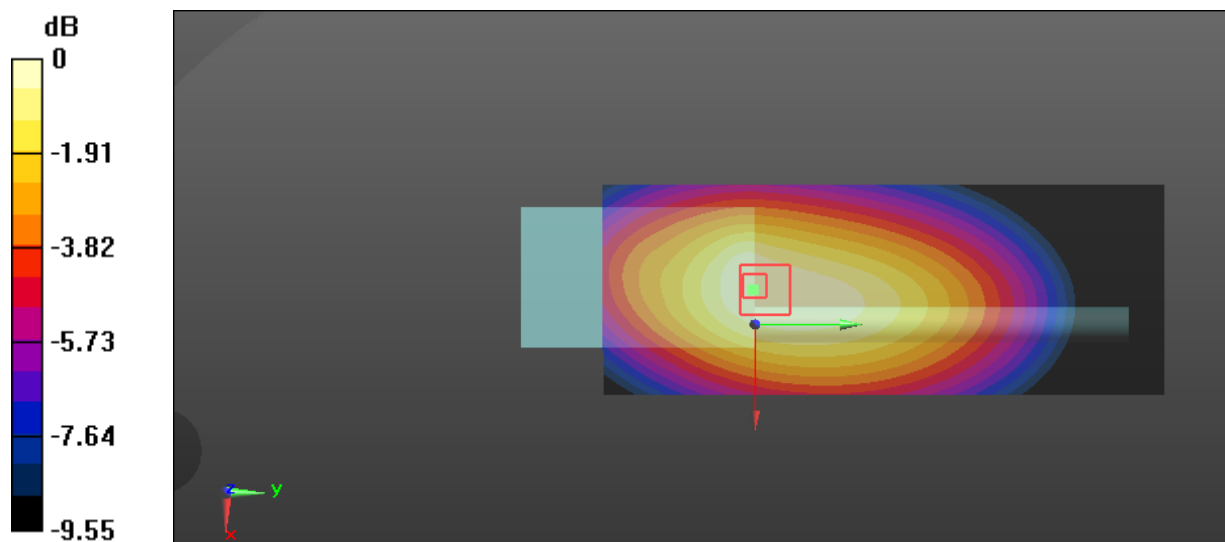
DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 479.988 MHz;Duty Cycle: 1:1

Medium parameters used: f = 479.988 MHz; σ = 0.906 S/m; $ε_r$ = 42.069; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 479.988 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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) = 7.83 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.48 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 10.0 W/kg

SAR(1 g) = 7.19 W/kg; SAR(10 g) = 5.15 W/kg

Maximum value of SAR (measured) = 7.60 W/kg

0 dB = 7.60 W/kg = 8.81 dBW/kg

Test Plot 10#: FM 25kHz_400.0125 MHz_Body Back

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 400.012 MHz; σ = 0.835 S/m; ε_r = 43.813; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

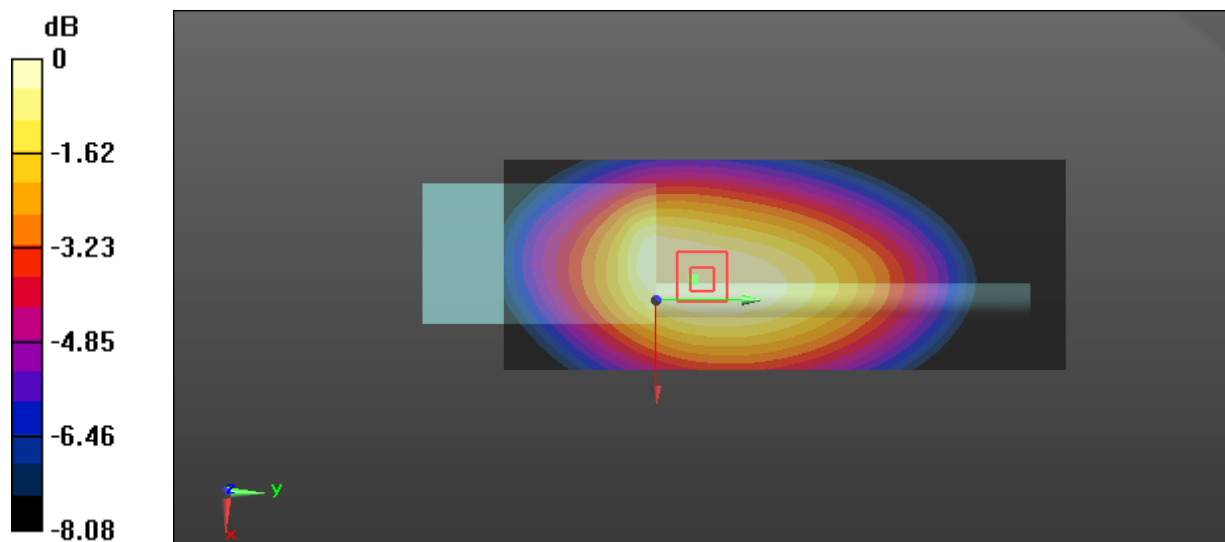Maximum value of SAR (interpolated) = 11.0 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.2 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 13.4 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.49 W/kg

Maximum value of SAR (measured) = 10.6 W/kg

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

Test Plot 11#: FM 25kHz_416.0125 MHz_Body Back

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 416.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 416.012 MHz; σ = 0.841 S/m; ε_r = 43.366; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 416.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

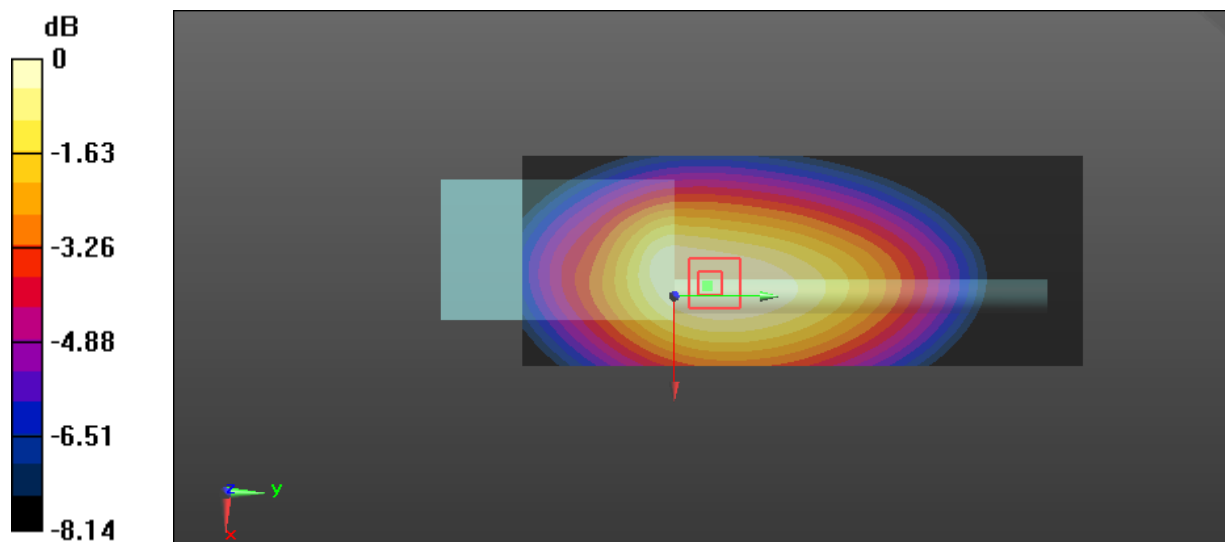Maximum value of SAR (interpolated) = 10.7 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 111.0 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 9.77 W/kg; SAR(10 g) = 7.21 W/kg

Maximum value of SAR (measured) = 10.3 W/kg

0 dB = 10.3 W/kg = 10.13 dBW/kg

Test Plot 12#: FM 25kHz_432.0125 MHz_Body Back

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 432.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 432.012 MHz; σ = 0.854 S/m; ε_r = 42.475; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 432.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

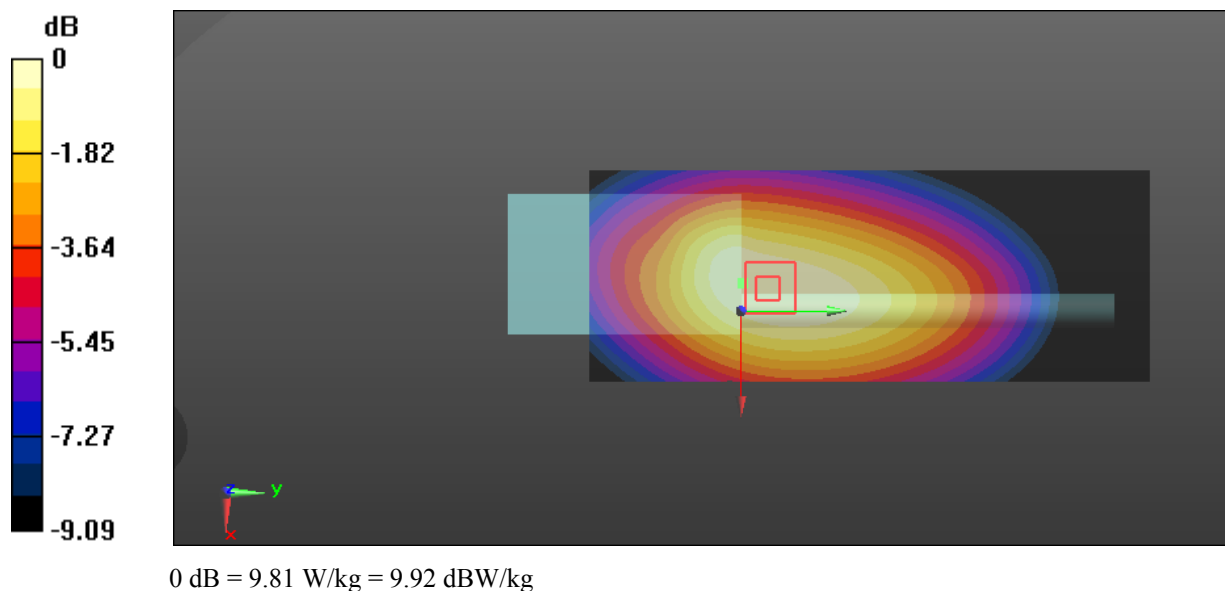Maximum value of SAR (interpolated) = 10.1 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.5 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 9.36 W/kg; SAR(10 g) = 6.9 W/kg

Maximum value of SAR (measured) = 9.81 W/kg

0 dB = 9.81 W/kg = 9.92 dBW/kg

Test Plot 13#: FM 25kHz_448.0125 MHz_Body Back

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 448.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 448.012 MHz; σ = 0.846 S/m; $ε_r$ = 42.422; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 448.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
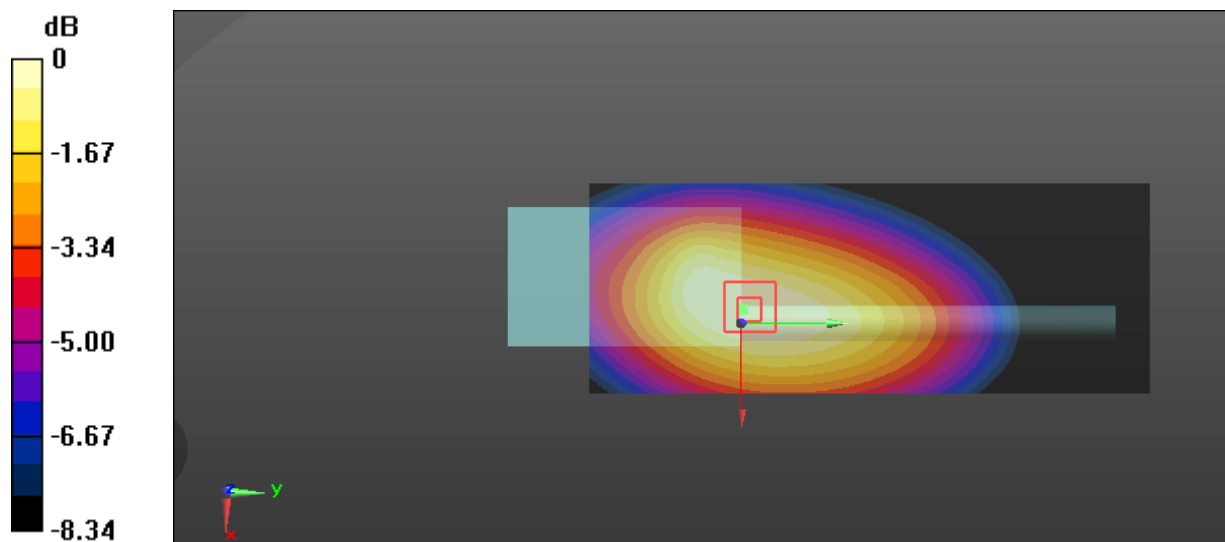
Maximum value of SAR (interpolated) = 9.46 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 106.3 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 11.9 W/kg

SAR(1 g) = 8.86 W/kg; SAR(10 g) = 6.49 W/kg

Maximum value of SAR (measured) = 9.34 W/kg

0 dB = 9.34 W/kg = 9.70 dBW/kg

Test Plot 14#: FM 25kHz_464.0125 MHz_Body Back

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 464.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 464.012 MHz; σ = 0.871 S/m; ε_r = 42.225; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 464.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

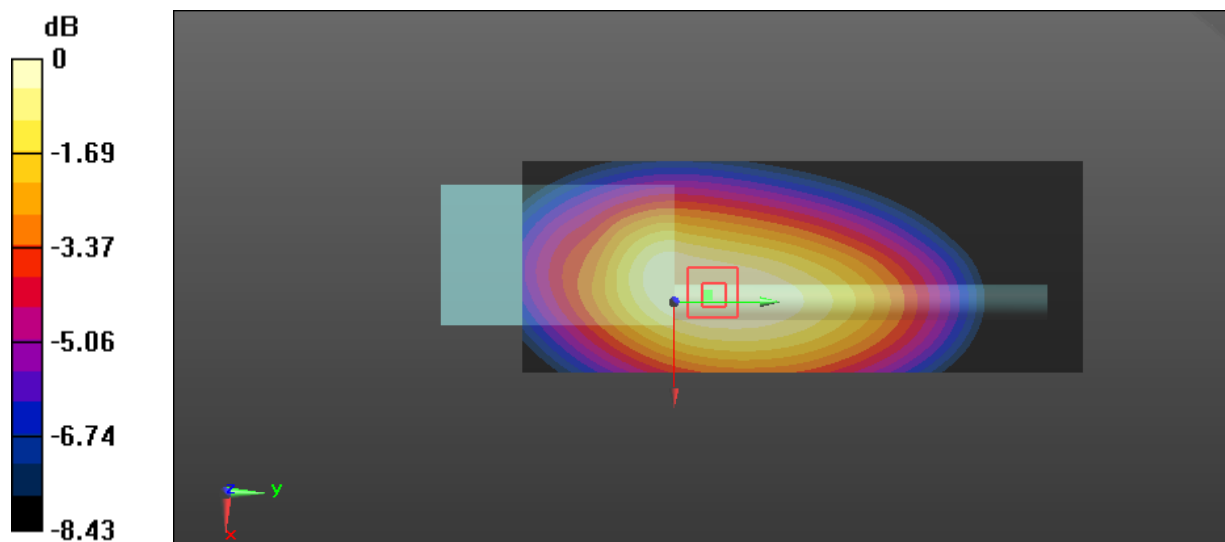Maximum value of SAR (interpolated) = 10.4 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.0 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 12.8 W/kg

SAR(1 g) = 9.48 W/kg; SAR(10 g) = 6.94 W/kg

Maximum value of SAR (measured) = 9.99 W/kg

0 dB = 9.99 W/kg = 10.00 dBW/kg

Test Plot 15#: FM 25kHz_479.9875 MHz_Body Back

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: FM; Frequency: 479.988 MHz;Duty Cycle: 1:1

Medium parameters used: f = 479.988 MHz; σ = 0.906 S/m; $ε_r$ = 42.069; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 479.988 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
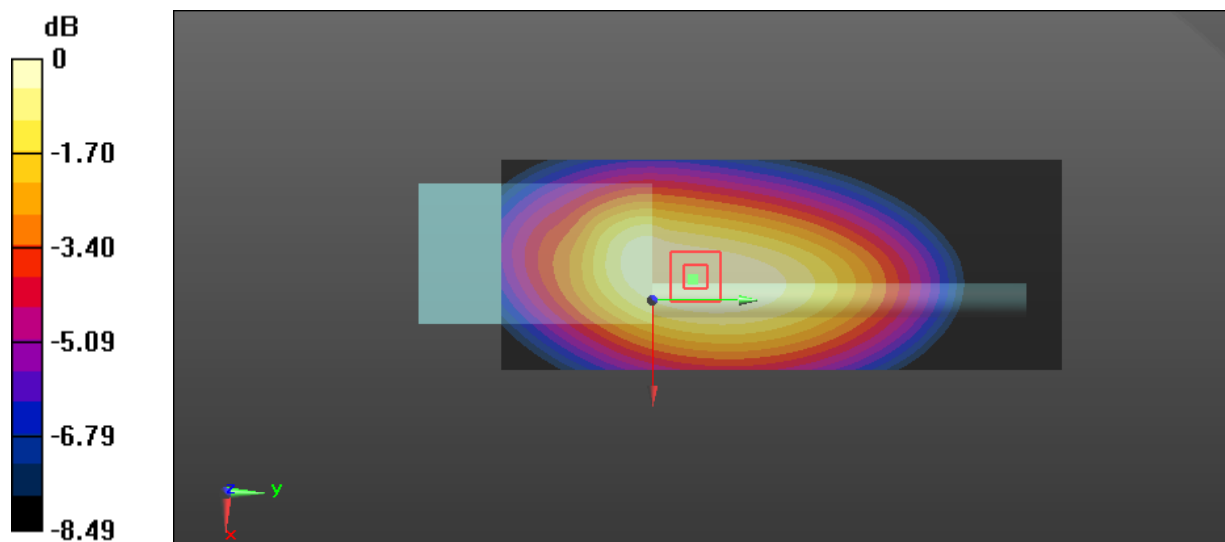
Maximum value of SAR (interpolated) = 7.94 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.37 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 9.96 W/kg

SAR(1 g) = 7.34 W/kg; SAR(10 g) = 5.34 W/kg

Maximum value of SAR (measured) = 7.73 W/kg

0 dB = 7.73 W/kg = 8.88 dBW/kg

Test Plot 16#: 4FSK_400.0125 MHz_Body Back

DUT: Two way radio; Type: DR5810-2; Serial: 19072400320

Communication System: 4FSK; Frequency: 400.012 MHz;Duty Cycle: 1:2

Medium parameters used: f = 400.012 MHz; σ = 0.835 S/m; $ε_r$ = 43.813; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

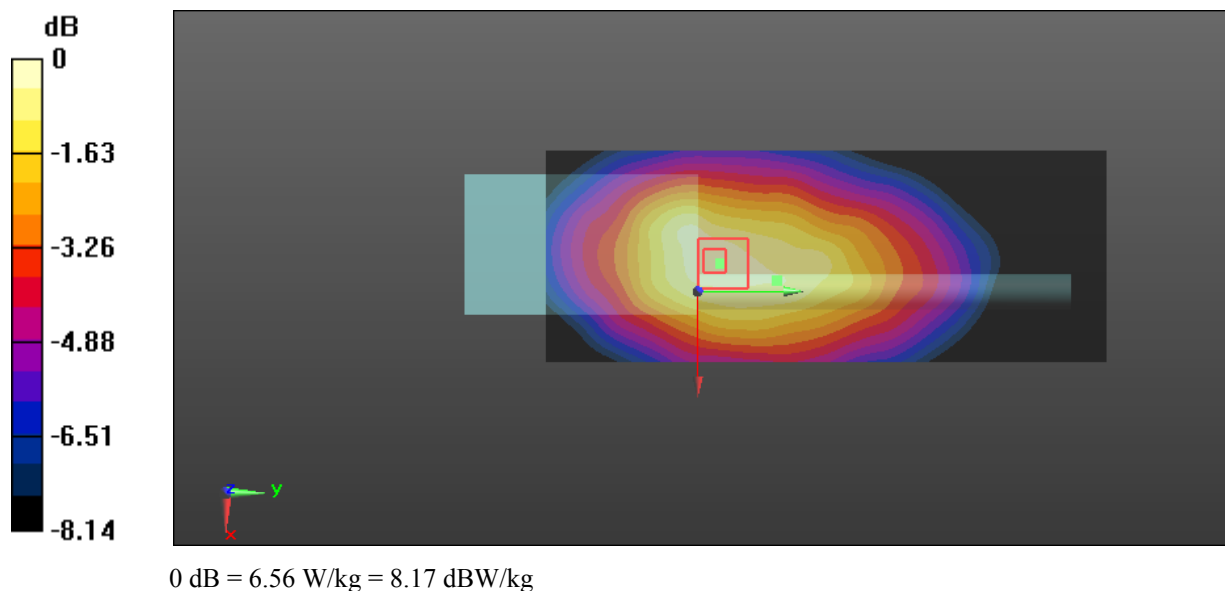Maximum value of SAR (interpolated) = 6.35 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.42 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 9.43 W/kg

SAR(1 g) = 6.17 W/kg; SAR(10 g) = 4.48 W/kg

Maximum value of SAR (measured) = 6.56 W/kg

0 dB = 6.56 W/kg = 8.17 dBW/kg

Test Plot 17#: FM 12.5kHz_400.0125 MHz_Face Up

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 400.012 MHz; σ = 0.849 S/m; ε_r = 43.542; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

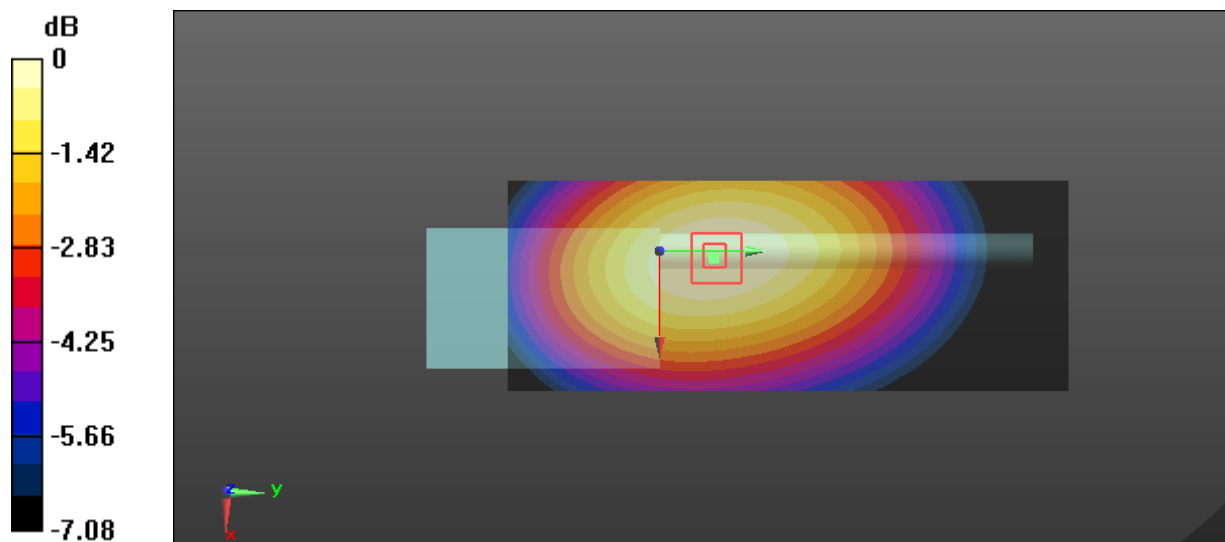Maximum value of SAR (interpolated) = 5.49 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 78.73 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 6.65 W/kg

SAR(1 g) = 5.17 W/kg; SAR(10 g) = 3.95 W/kg

Maximum value of SAR (measured) = 5.42 W/kg

0 dB = 5.42 W/kg = 7.34 dBW/kg

Test Plot 18#: FM 25kHz_400.0125 MHz_Face Up

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 400.012 MHz; σ = 0.849 S/m; $ε_r$ = 43.542; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

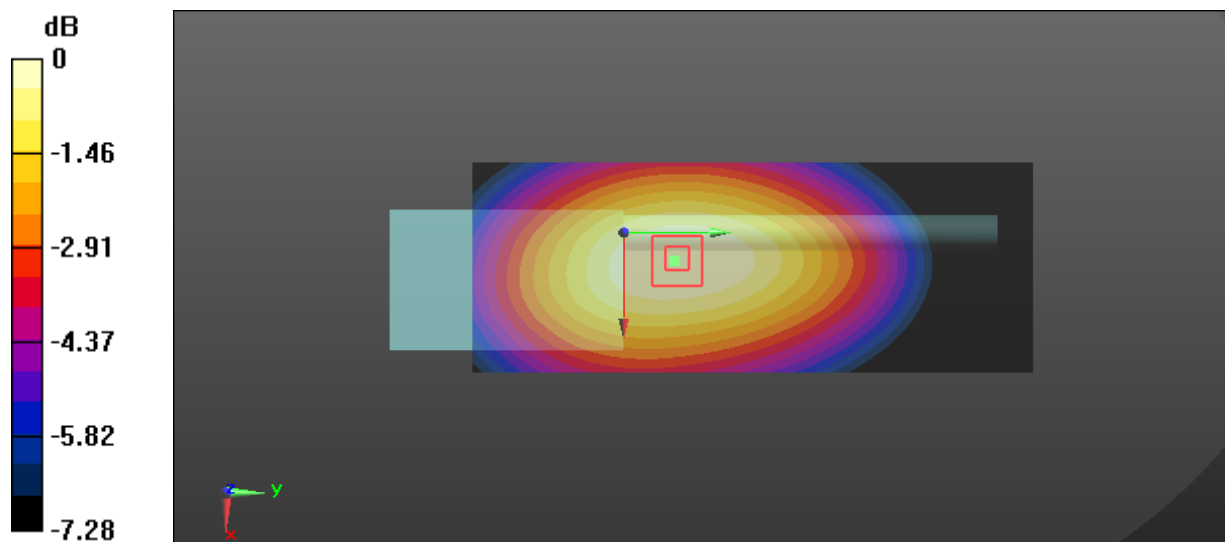Maximum value of SAR (interpolated) = 6.72 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.88 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 8.23 W/kg

SAR(1 g) = 6.31 W/kg; SAR(10 g) = 4.76 W/kg

Maximum value of SAR (measured) = 6.62 W/kg

0 dB = 6.62 W/kg = 8.21 dBW/kg

Test Plot 19#: 4FSK_400.0125 MHz_Face Up

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: 4FSK; Frequency: 400.012 MHz;Duty Cycle: 1:2

Medium parameters used: f = 400.012 MHz; σ = 0.849 S/m; ε_r = 43.542; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

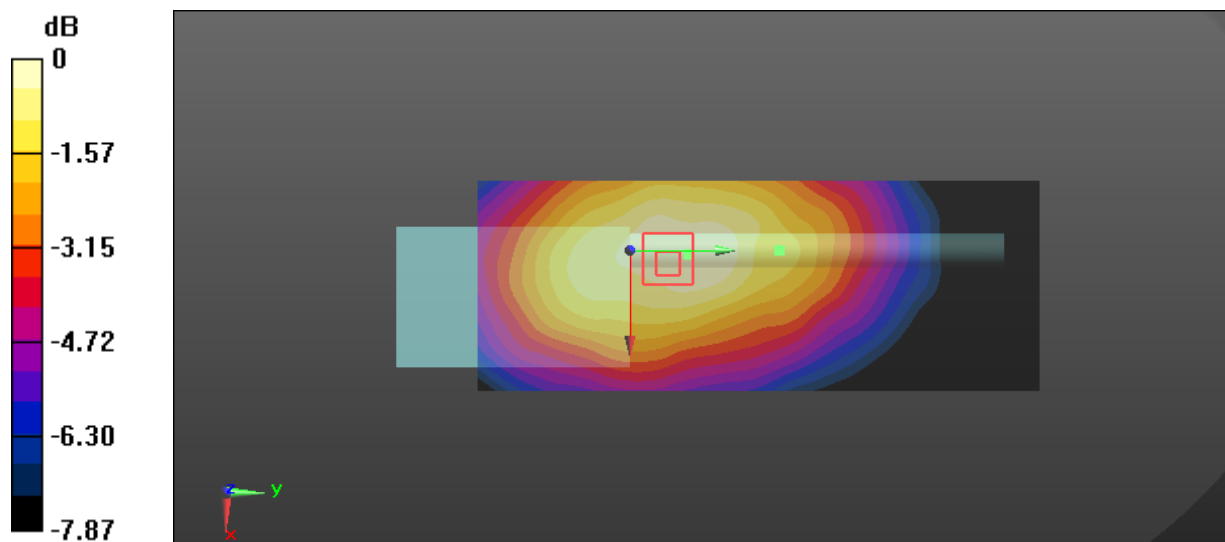Maximum value of SAR (interpolated) = 3.23 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 61.41 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.53 W/kg

SAR(1 g) = 3.08 W/kg; SAR(10 g) = 2.31 W/kg

Maximum value of SAR (measured) = 3.23 W/kg

0 dB = 3.23 W/kg = 5.09 dBW/kg

Test Plot 20#: FM 12.5kHz_400.0125 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 400.012 MHz; σ = 0.849 S/m; $ε_r$ = 43.542; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
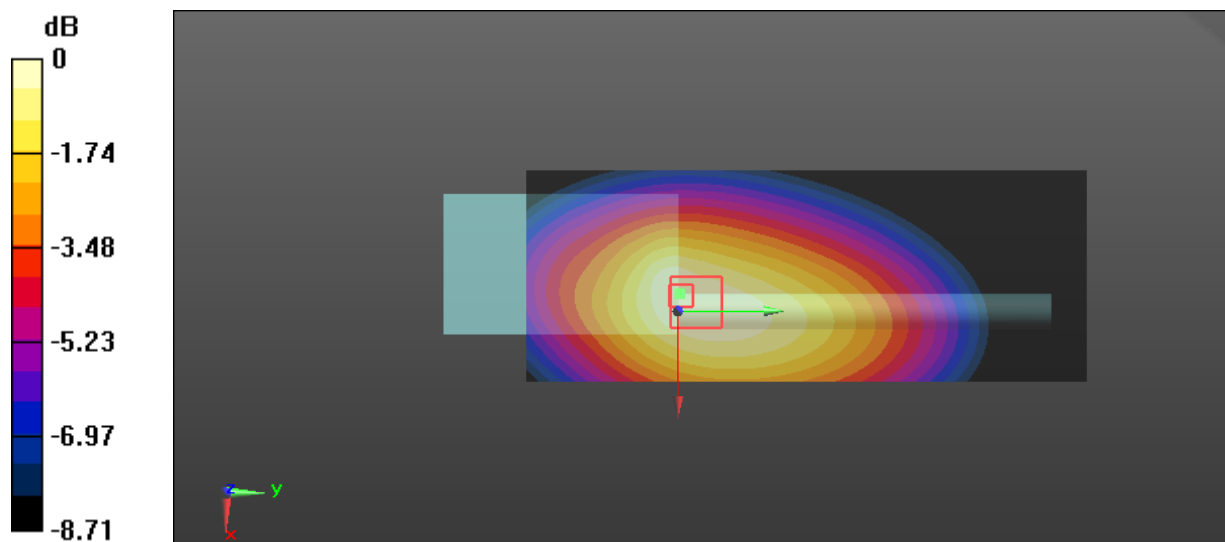
Maximum value of SAR (interpolated) = 10.7 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 113.6 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 13.8 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.42 W/kg

Maximum value of SAR (measured) = 10.7 W/kg

0 dB = 10.7 W/kg = 10.29 dBW/kg

Test Plot 21#: FM 12.5kHz_416.0125 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 416.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 416.012 MHz; σ = 0.859 S/m; $ε_r$ = 43.427; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 416.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
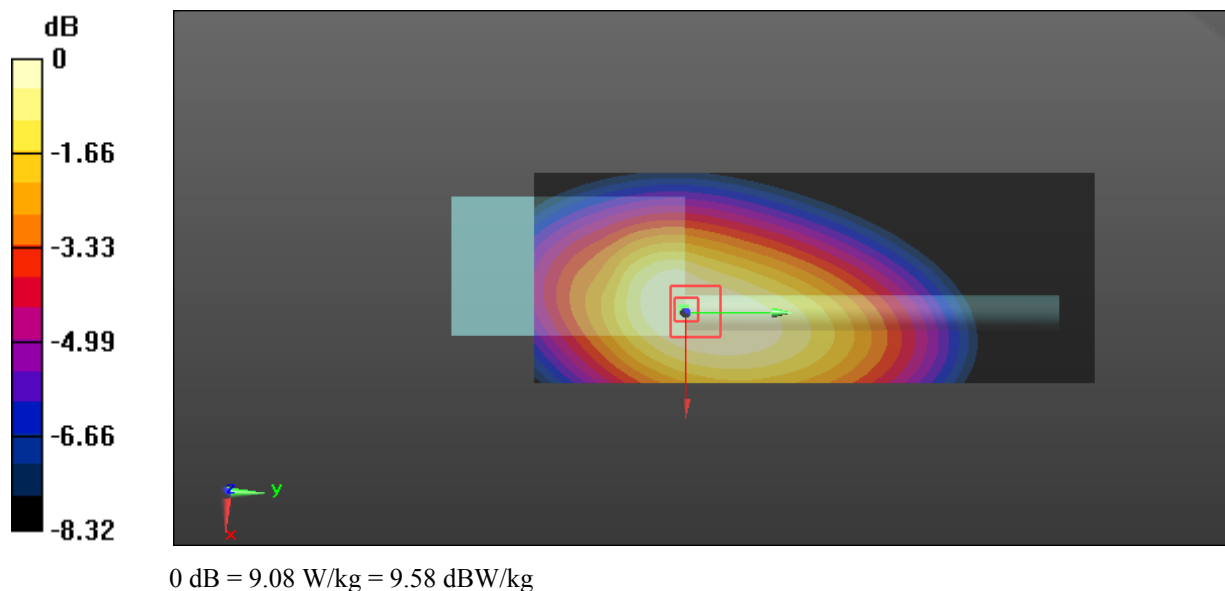
Maximum value of SAR (interpolated) = 9.59 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.0 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 8.63 W/kg; SAR(10 g) = 6.35 W/kg

Maximum value of SAR (measured) = 9.08 W/kg

0 dB = 9.08 W/kg = 9.58 dBW/kg

Test Plot 22#: FM 12.5kHz_432.0125 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 432.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 432.012 MHz; σ = 0.879 S/m; $ε_r$ = 43.286; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 432.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
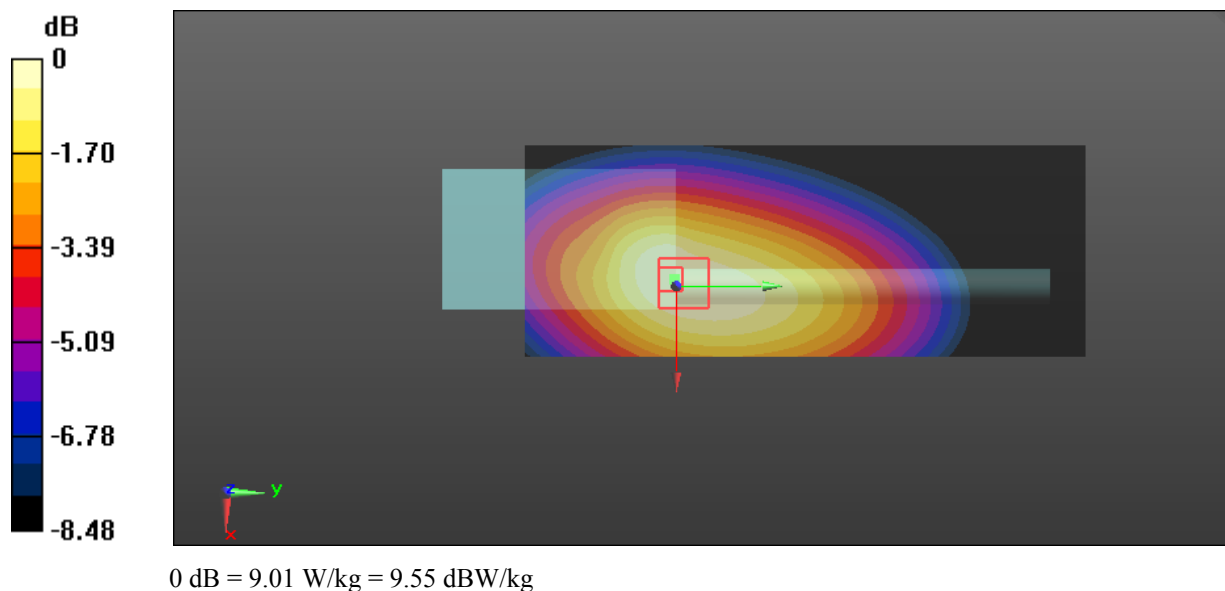
Maximum value of SAR (interpolated) = 9.21 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.4 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 8.55 W/kg; SAR(10 g) = 6.24 W/kg

Maximum value of SAR (measured) = 9.01 W/kg

0 dB = 9.01 W/kg = 9.55 dBW/kg

Test Plot 23#: FM 12.5kHz_448.0125 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 448.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 448.012 MHz; σ = 0.885 S/m; ε_r = 43.198; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 448.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

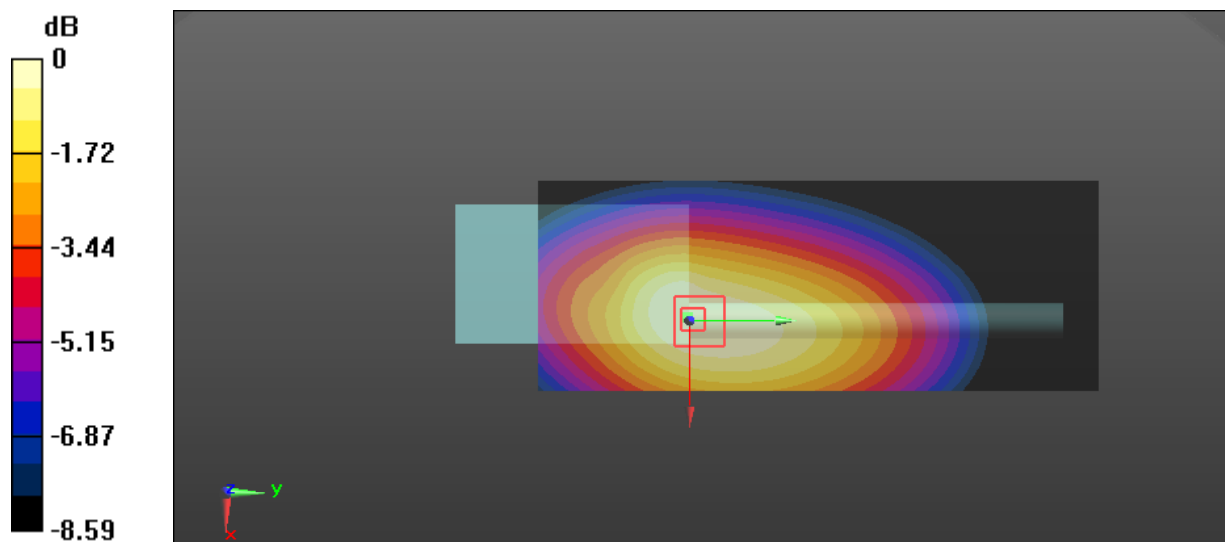Maximum value of SAR (interpolated) = 8.80 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.5 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.0 W/kg

SAR(1 g) = 8.12 W/kg; SAR(10 g) = 5.91 W/kg

Maximum value of SAR (measured) = 8.54 W/kg

0 dB = 8.54 W/kg = 9.31 dBW/kg

Test Plot 24#: FM 12.5kHz_464.0125 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 464.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 464.012 MHz; σ = 0.901 S/m; $ε_r$ = 42.973; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 464.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
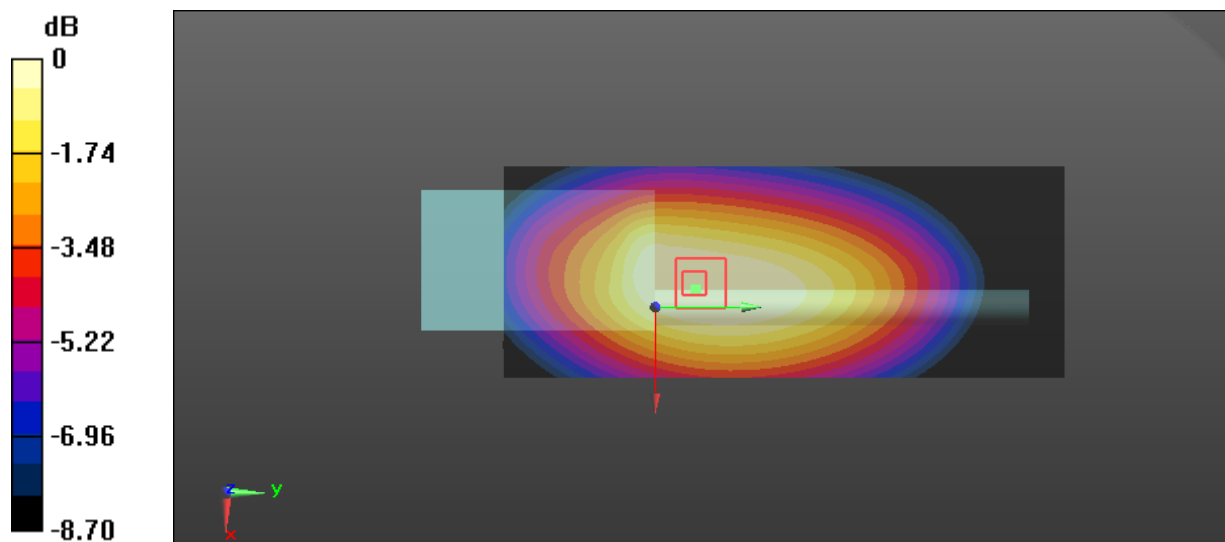
Maximum value of SAR (interpolated) = 11.1 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.9 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 13.2 W/kg

SAR(1 g) = 9.82 W/kg; SAR(10 g) = 7.13 W/kg

Maximum value of SAR (measured) = 10.3 W/kg

0 dB = 10.3 W/kg = 10.13 dBW/kg

Test Plot 25#: FM 12.5kHz_479.9875 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 479.988 MHz;Duty Cycle: 1:1

Medium parameters used: f = 479.988 MHz; σ = 0.912 S/m; ε$_r$ = 42.842; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 479.988 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
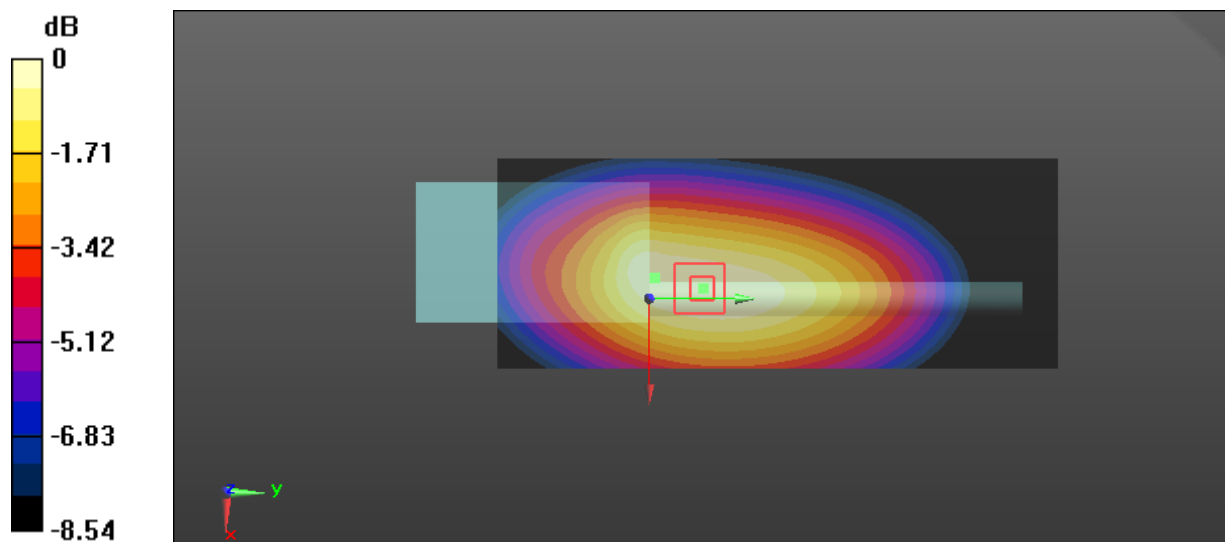
Maximum value of SAR (interpolated) = 7.31 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.29 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 9.33 W/kg

SAR(1 g) = 6.88 W/kg; SAR(10 g) = 4.98 W/kg

Maximum value of SAR (measured) = 7.29 W/kg

0 dB = 7.29 W/kg = 8.63 dBW/kg

Test Plot 26#: FM 25kHz_400.0125 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 400.012 MHz; σ = 0.849 S/m; $ε_r$ = 43.542; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

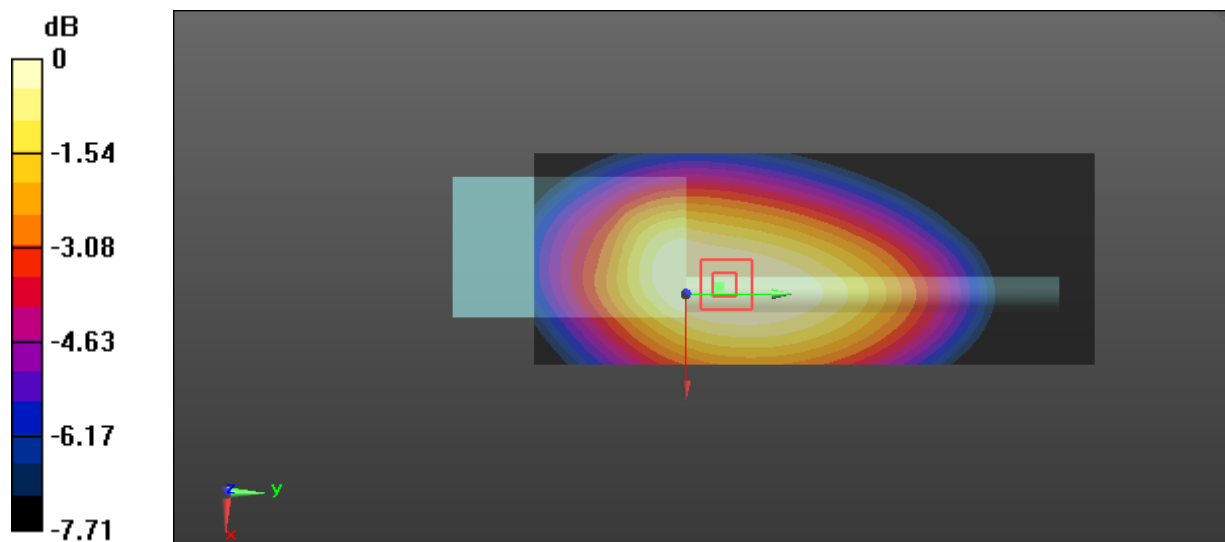Maximum value of SAR (interpolated) = 12.7 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 123.6 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 14.7 W/kg

SAR(1 g) = 11.2 W/kg; SAR(10 g) = 8.36 W/kg

Maximum value of SAR (measured) = 11.7 W/kg

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

Test Plot 27#: FM 25kHz_416.0125 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 416.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 416.012 MHz; σ = 0.859 S/m; ε_r = 43.427; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 416.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

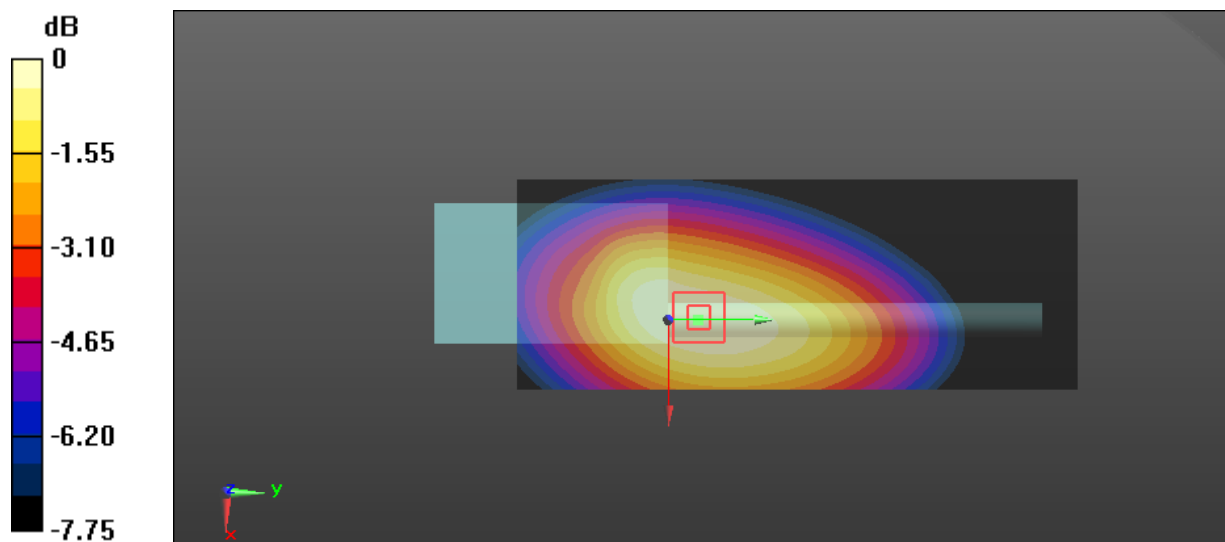Maximum value of SAR (interpolated) = 9.93 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.3 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 9.32 W/kg; SAR(10 g) = 6.99 W/kg

Maximum value of SAR (measured) = 9.78 W/kg

0 dB = 9.78 W/kg = 9.90 dBW/kg

Test Plot 28#: FM 25kHz_432.0125 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 432.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 432.012 MHz; σ = 0.879 S/m; ε_r = 43.286; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 432.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

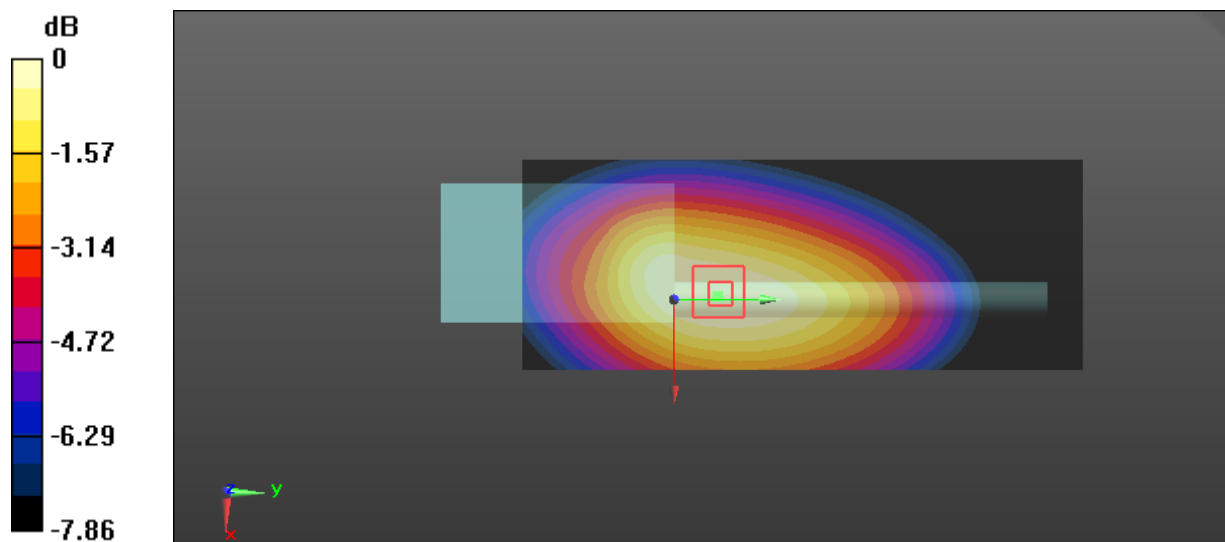Maximum value of SAR (interpolated) = 11.6 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 115.1 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 14.2 W/kg

SAR(1 g) = 10.7 W/kg; SAR(10 g) = 7.97 W/kg

Maximum value of SAR (measured) = 11.3 W/kg

0 dB = 11.3 W/kg = 10.53 dBW/kg

Test Plot 29#: FM 25kHz_448.0125 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 448.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 448.012 MHz; σ = 0.885 S/m; ε_r = 43.198; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 448.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

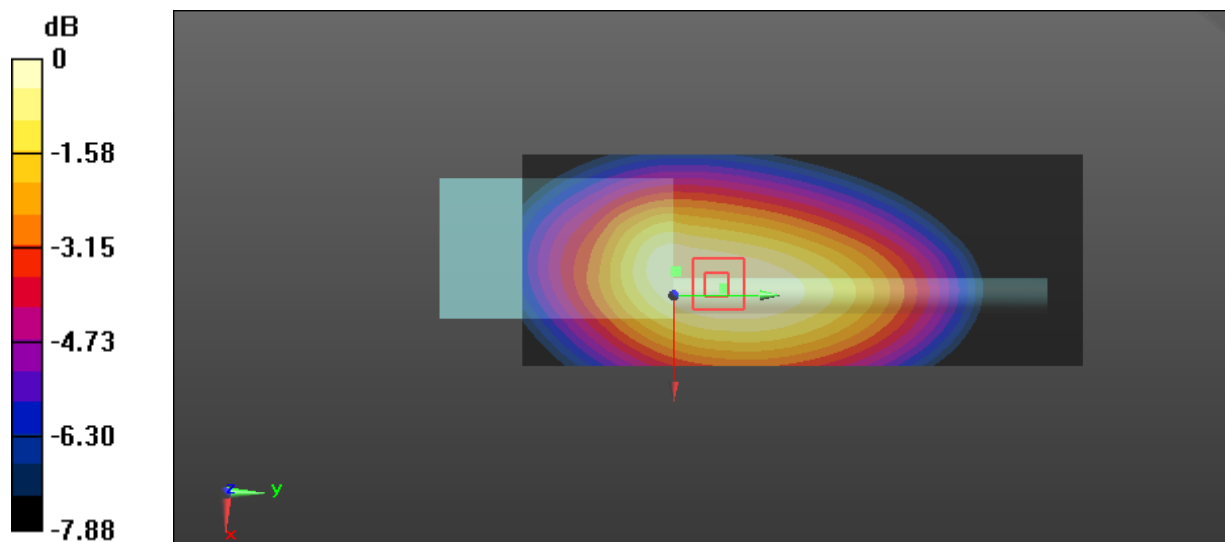Maximum value of SAR (interpolated) = 10.6 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.2 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 12.8 W/kg

SAR(1 g) = 9.7 W/kg; SAR(10 g) = 7.22 W/kg

Maximum value of SAR (measured) = 10.2 W/kg

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

Test Plot 30#: FM 25kHz_464.0125 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 464.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 464.012 MHz; σ = 0.901 S/m; $ε_r$ = 42.973; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 464.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
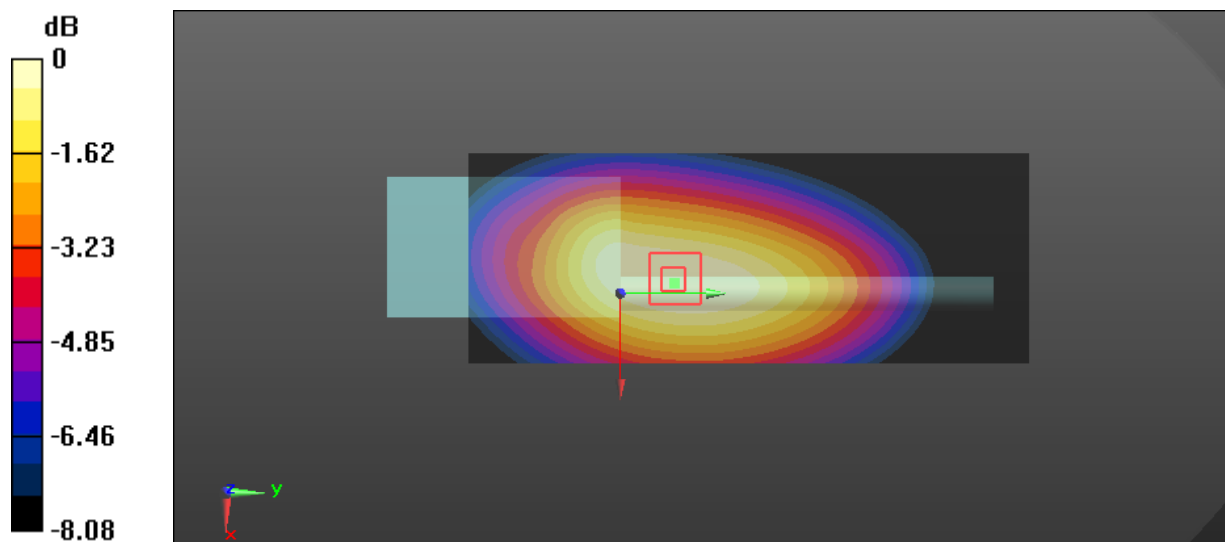
Maximum value of SAR (interpolated) = 11.6 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 111.2 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 14.5 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 8.01 W/kg

Maximum value of SAR (measured) = 11.3 W/kg

0 dB = 11.3 W/kg = 10.53 dBW/kg

Test Plot 31#: FM 25kHz_479.9875 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: FM; Frequency: 479.988 MHz;Duty Cycle: 1:1

Medium parameters used: f = 479.988 MHz; σ = 0.912 S/m; ε_r = 42.842; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 479.988 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

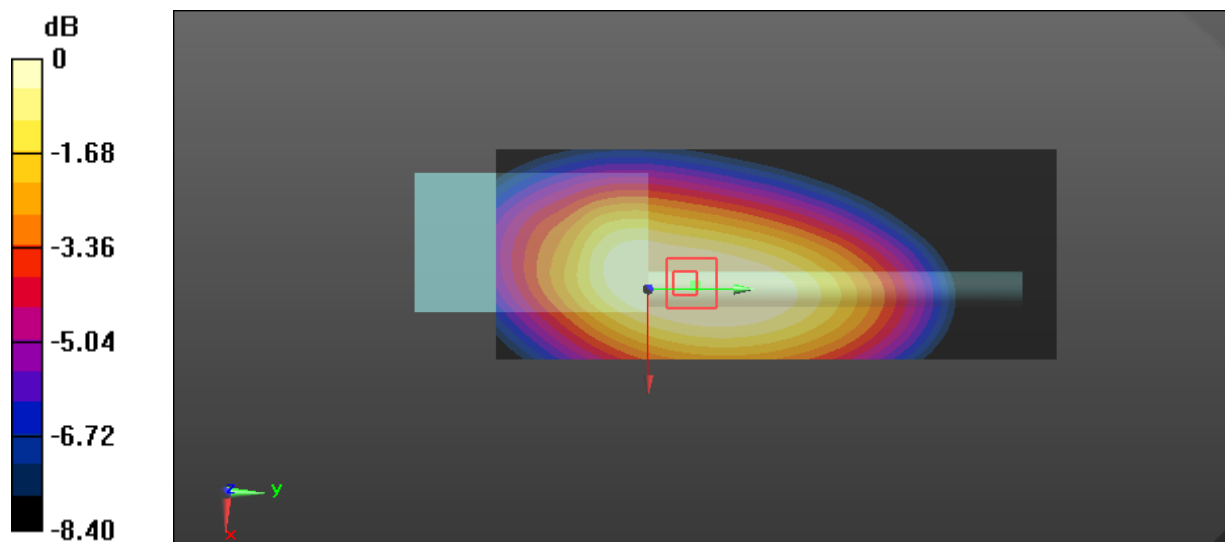Maximum value of SAR (interpolated) = 8.38 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.61 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 9.75 W/kg

SAR(1 g) = 7.2 W/kg; SAR(10 g) = 5.25 W/kg

Maximum value of SAR (measured) = 7.58 W/kg

0 dB = 7.58 W/kg = 8.80 dBW/kg

Test Plot 32#: 4FSK_400.0125 MHz_Body Back

DUT: Two way radio; Type: DR5610-2; Serial: 19072400321

Communication System: 4FSK; Frequency: 400.012 MHz;Duty Cycle: 1:2

Medium parameters used: f = 400.012 MHz; σ = 0.849 S/m; $ε_r$ = 43.542; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

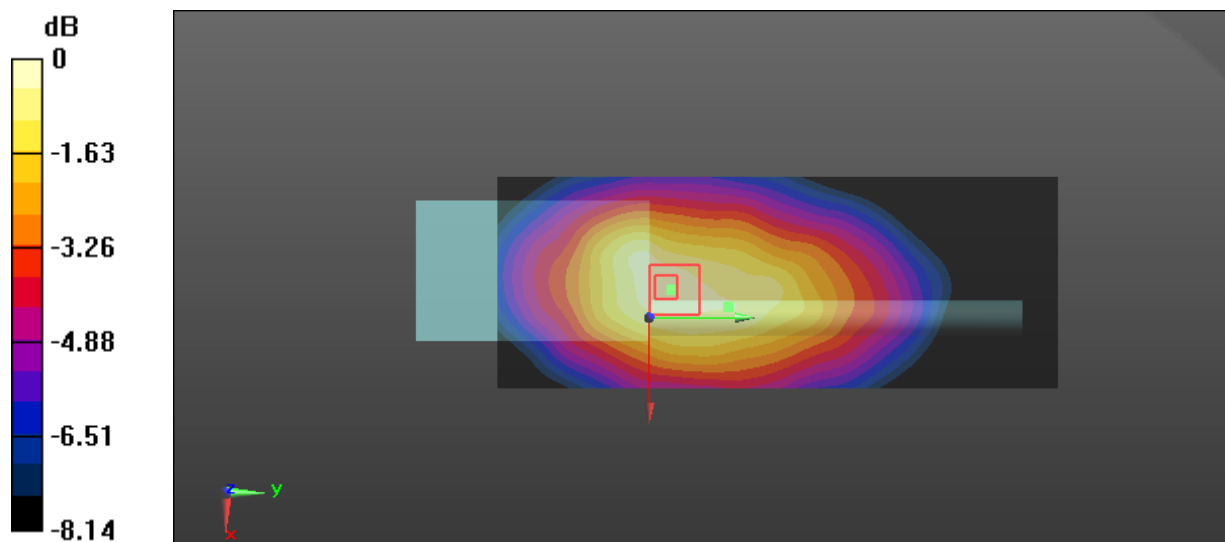Maximum value of SAR (interpolated) = 6.46 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.42 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 9.59 W/kg

SAR(1 g) = 6.27 W/kg; SAR(10 g) = 4.56 W/kg

Maximum value of SAR (measured) = 6.67 W/kg

0 dB = 6.67 W/kg = 8.24 dBW/kg

Test Plot 33#: FM 12.5kHz_400.0125 MHz_Face Up

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 400.012 MHz; σ = 0.838 S/m; ε_r = 43.625; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

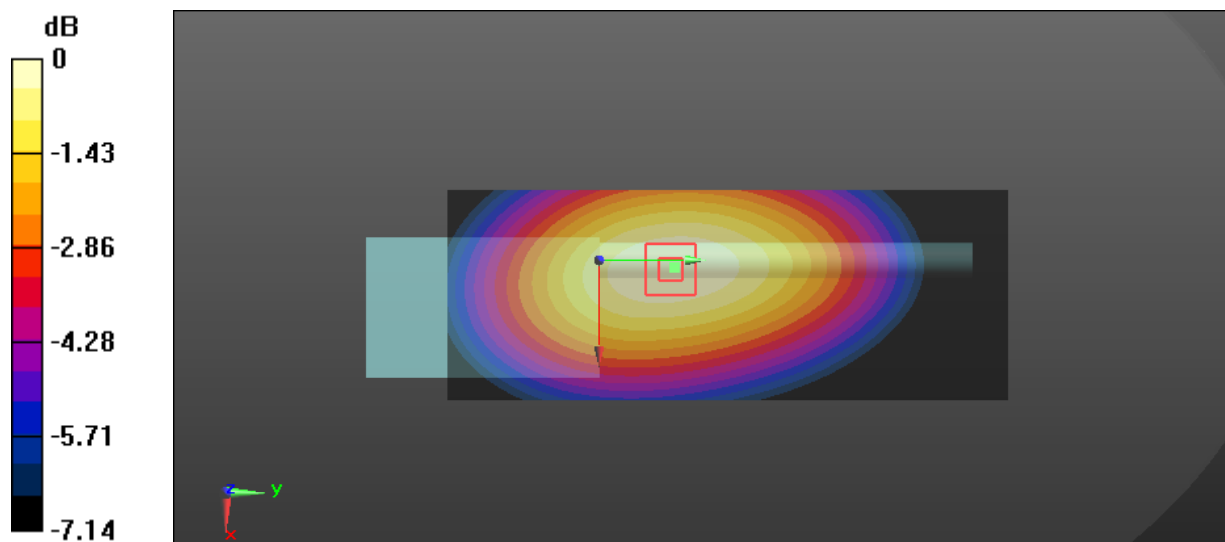Maximum value of SAR (interpolated) = 5.87 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 77.69 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 7.31 W/kg

SAR(1 g) = 5.6 W/kg; SAR(10 g) = 4.23 W/kg

Maximum value of SAR (measured) = 5.87 W/kg

0 dB = 5.87 W/kg = 7.69 dBW/kg

Test Plot 34#: FM 25kHz_400.0125 MHz_Face Up

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 400.012 MHz; σ = 0.838 S/m; $ε_r$ = 43.625; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

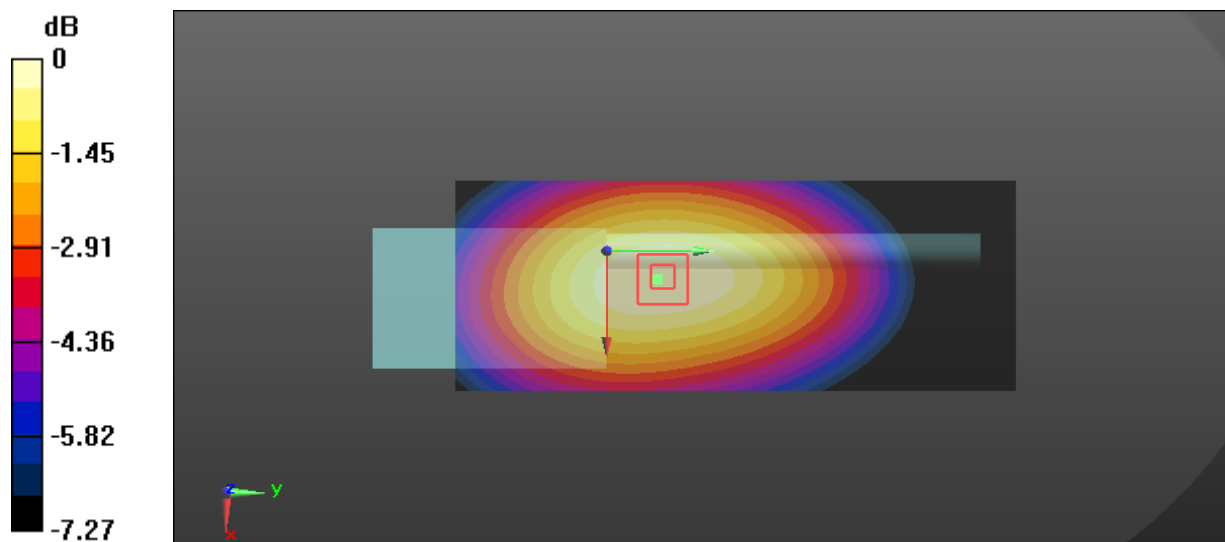Maximum value of SAR (interpolated) = 6.77 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.17 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.35 W/kg

SAR(1 g) = 6.41 W/kg; SAR(10 g) = 4.85 W/kg

Maximum value of SAR (measured) = 6.73 W/kg

0 dB = 6.73 W/kg = 8.28 dBW/kg

Test Plot 35#: 4FSK_400.0125 MHz_Face Up

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: 4FSK; Frequency: 400.012 MHz;Duty Cycle: 1:2

Medium parameters used: f = 400.012 MHz; σ = 0.838 S/m; $ε_r$ = 43.625; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

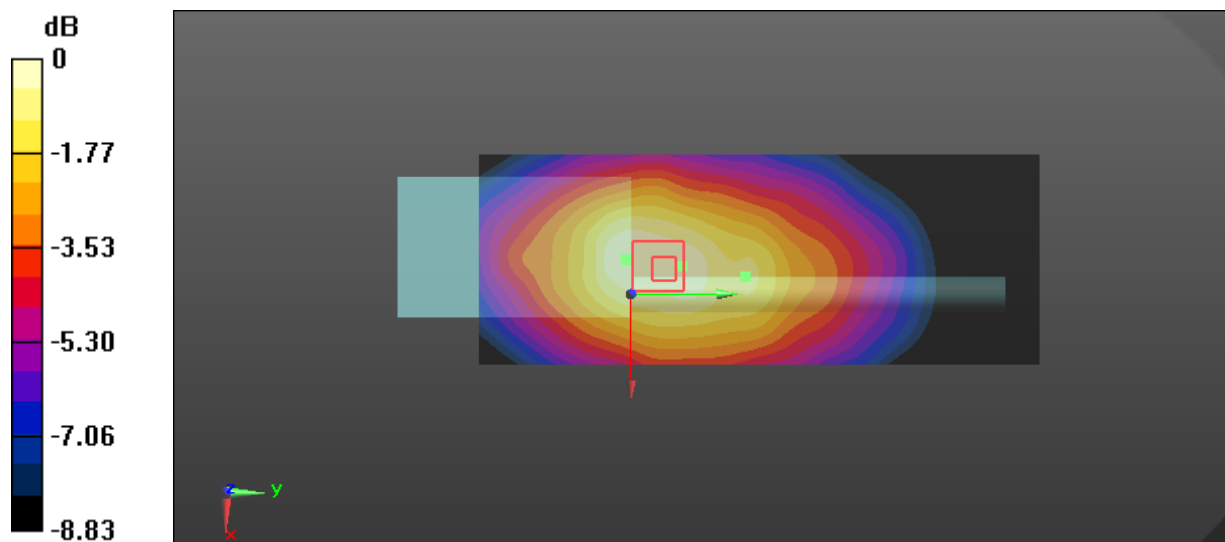Maximum value of SAR (interpolated) = 5.86 W/kg

Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 75.74 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 7.88 W/kg

SAR(1 g) = 5.34 W/kg; SAR(10 g) = 3.93 W/kg

Maximum value of SAR (measured) = 5.61 W/kg

0 dB = 5.61 W/kg = 7.49 dBW/kg

Test Plot 36#: FM 12.5kHz_400.0125 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 400.012 MHz; σ = 0.838 S/m; $ε_r$ = 43.625; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
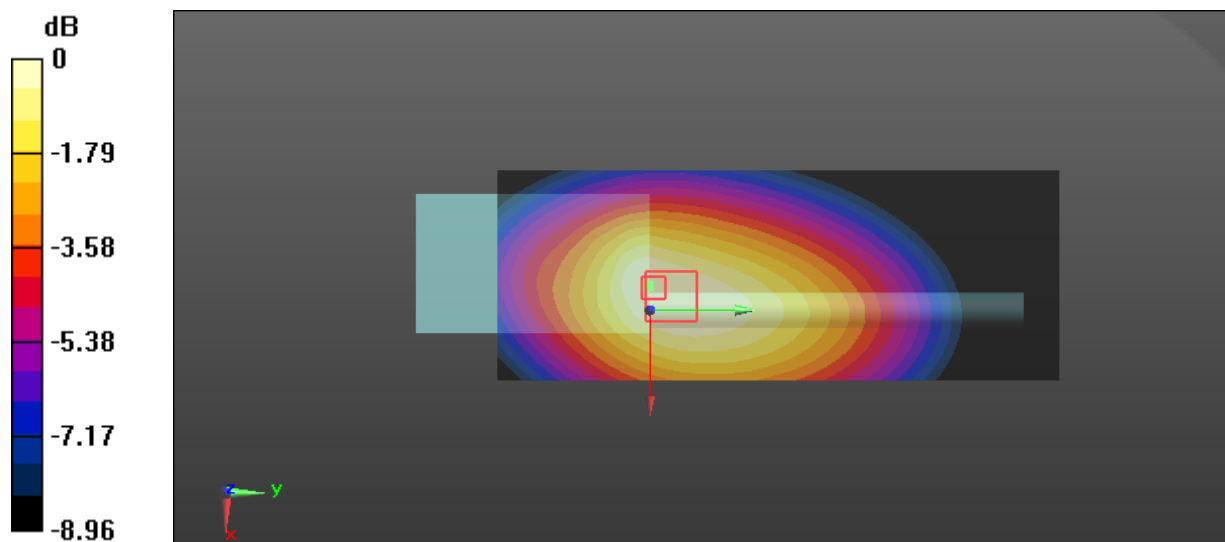
Maximum value of SAR (interpolated) = 11.6 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 115.4 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 14.6 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 7.58 W/kg

Maximum value of SAR (measured) = 11.2 W/kg

0 dB = 11.2 W/kg = 10.49 dBW/kg

Test Plot 37#: FM 12.5kHz_416.0125 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 416.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 416.012 MHz; σ = 0.846 S/m; ε$_r$ = 43.543; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 416.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
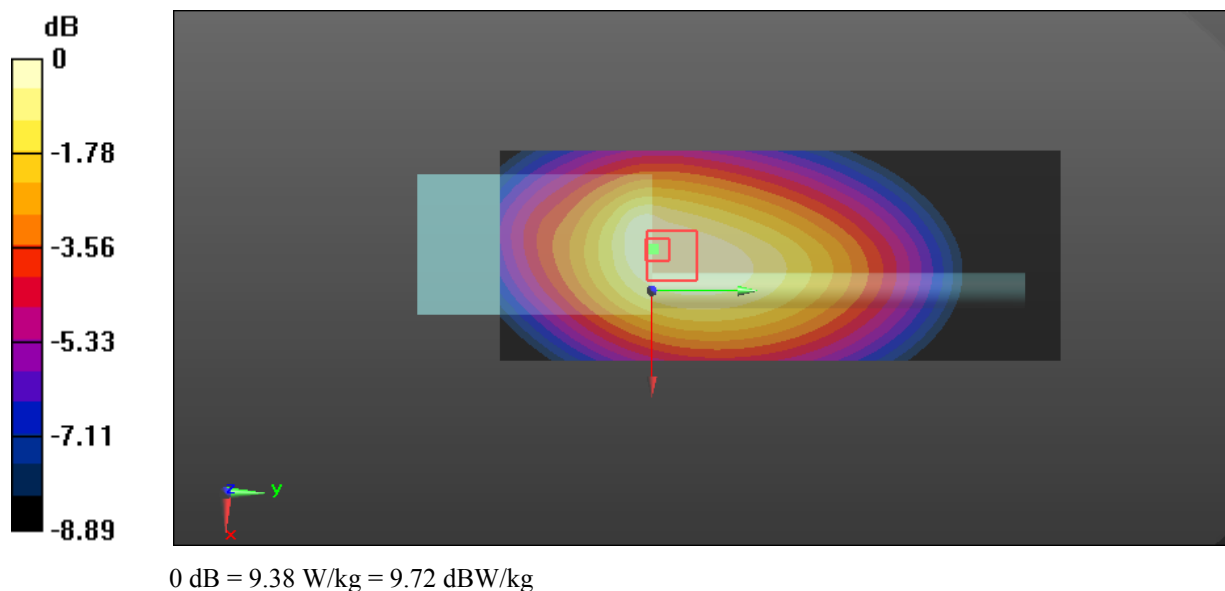
Maximum value of SAR (interpolated) = 9.58 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.69 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 8.9 W/kg; SAR(10 g) = 6.54 W/kg

Maximum value of SAR (measured) = 9.38 W/kg

0 dB = 9.38 W/kg = 9.72 dBW/kg

Test Plot 38#: FM 12.5kHz_432.0125 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 432.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 432.012 MHz; σ = 0.856 S/m; $ε_r$ = 43.408; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 432.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
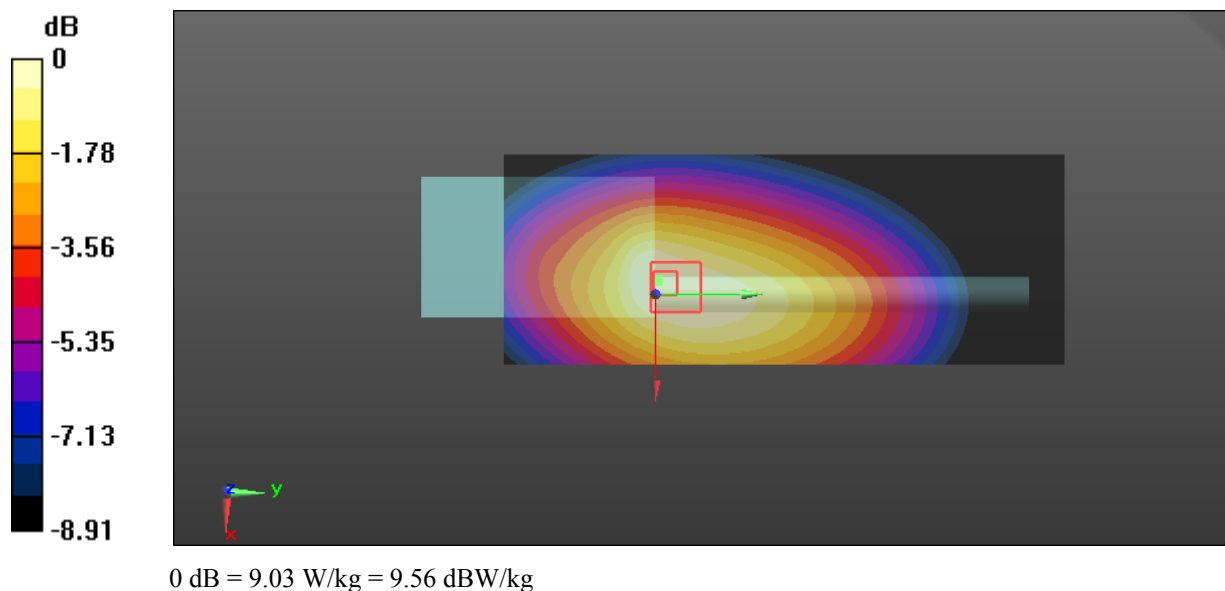
Maximum value of SAR (interpolated) = 9.21 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.2 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 11.8 W/kg

SAR(1 g) = 8.58 W/kg; SAR(10 g) = 6.28 W/kg

Maximum value of SAR (measured) = 9.03 W/kg

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

Test Plot 39#: FM 12.5kHz_448.0125 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 448.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 448.012 MHz; σ = 0.861 S/m; ε_r = 43.376; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 448.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

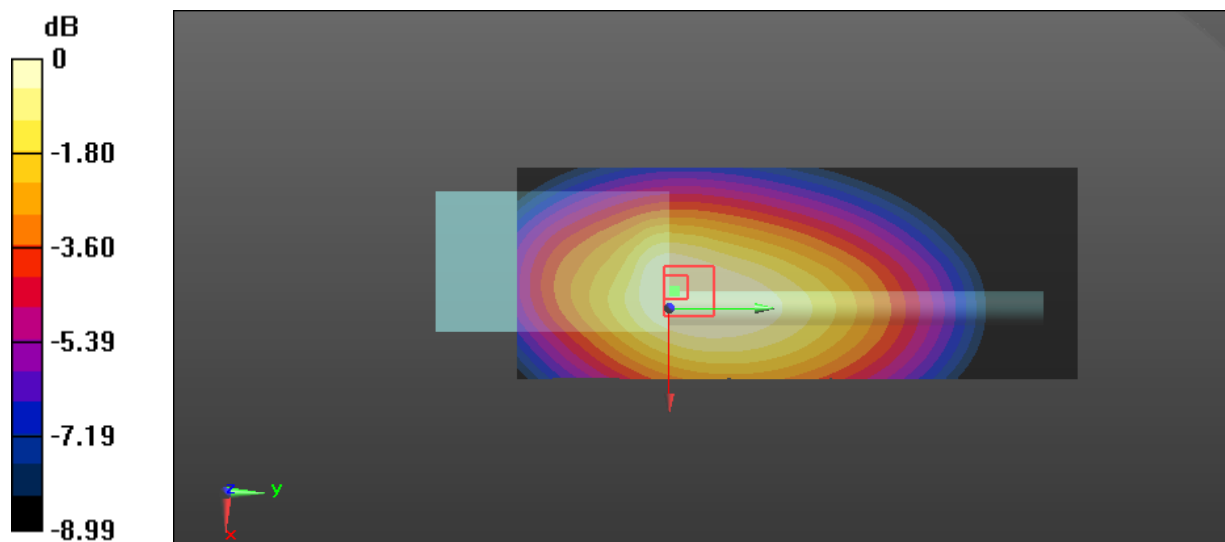Maximum value of SAR (interpolated) = 8.74 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 102.1 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 7.72 W/kg; SAR(10 g) = 5.62 W/kg

Maximum value of SAR (measured) = 8.13 W/kg

0 dB = 8.13 W/kg = 9.10 dBW/kg

Test Plot 40#: FM 12.5kHz_464.0125 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 464.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 464.012 MHz; σ = 0.871 S/m; $ε_r$ = 43.282; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 464.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
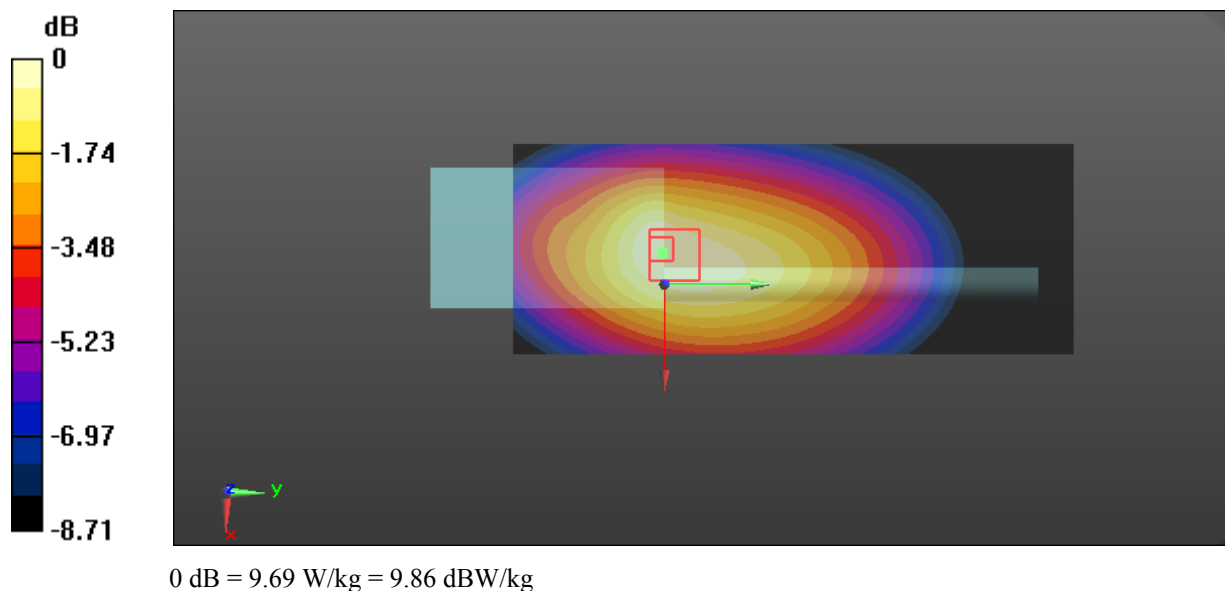
Maximum value of SAR (interpolated) = 9.90 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.9 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 9.19 W/kg; SAR(10 g) = 6.64 W/kg

Maximum value of SAR (measured) = 9.69 W/kg

0 dB = 9.69 W/kg = 9.86 dBW/kg

Test Plot 41#: FM 12.5kHz_479.9875 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 479.988 MHz;Duty Cycle: 1:1

Medium parameters used: f = 479.988 MHz; σ = 0.882 S/m; $ε_r$ = 43.164; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 479.988 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
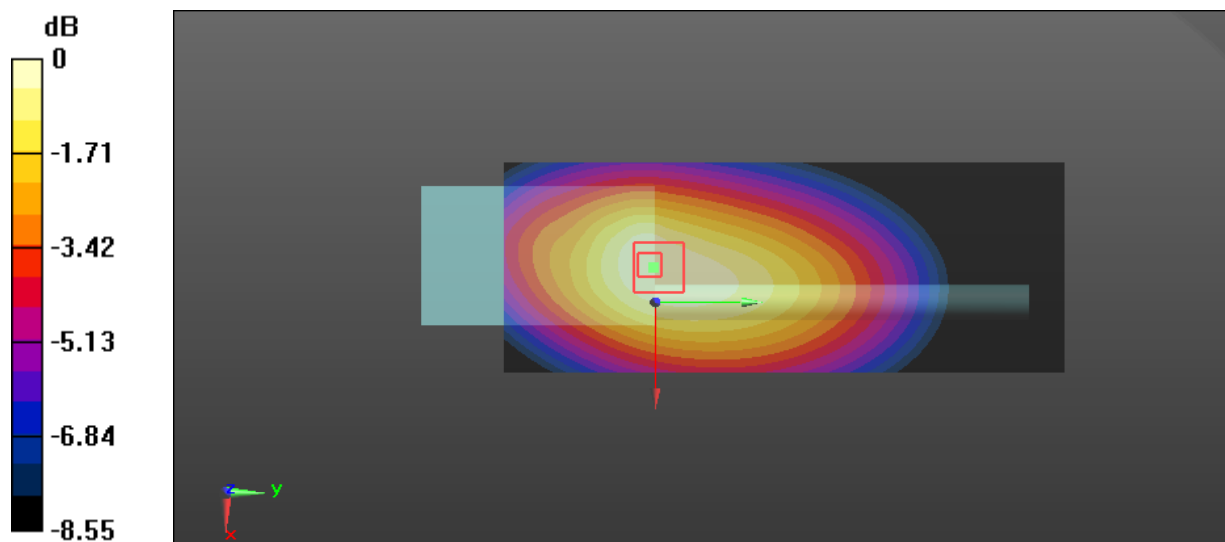
Maximum value of SAR (interpolated) = 7.13 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.43 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 8.94 W/kg

SAR(1 g) = 6.56 W/kg; SAR(10 g) = 4.74 W/kg

Maximum value of SAR (measured) = 6.92 W/kg

0 dB = 6.92 W/kg = 8.40 dBW/kg

Test Plot 42#: FM 25kHz_400.0125 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 400.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 400.012 MHz; σ = 0.838 S/m; $ε_r$ = 43.625; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
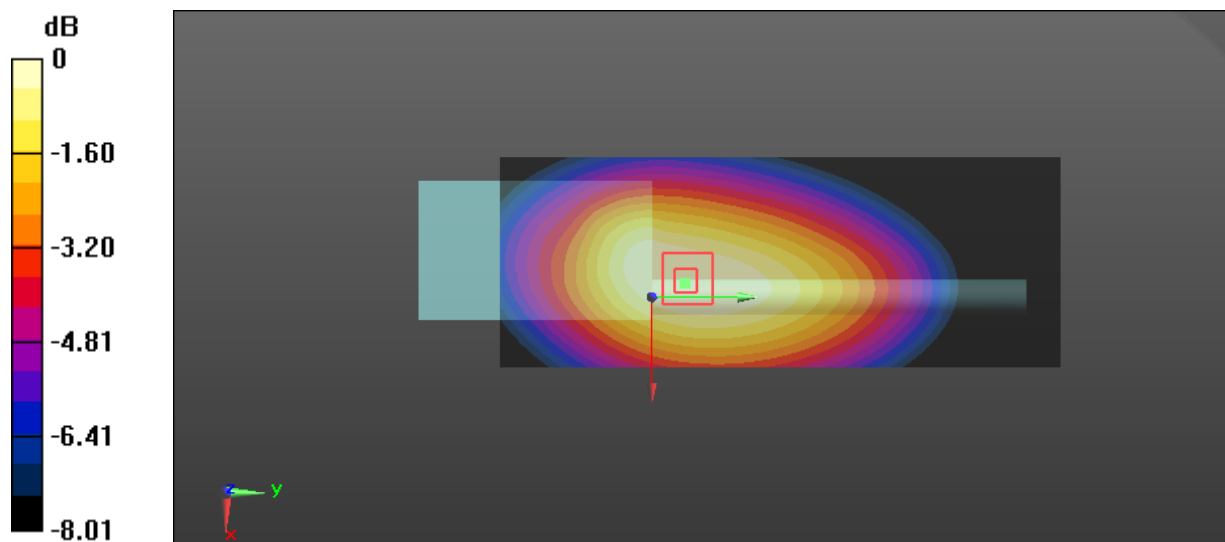
Maximum value of SAR (interpolated) = 11.8 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 114.7 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 14.6 W/kg

SAR(1 g) = 11 W/kg; SAR(10 g) = 8.13 W/kg

Maximum value of SAR (measured) = 11.5 W/kg

0 dB = 11.5 W/kg = 10.61 dBW/kg

Test Plot 43#: FM 25kHz_416.0125 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 416.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 416.012 MHz; σ = 0.846 S/m; $ε_r$ = 43.543; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 416.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
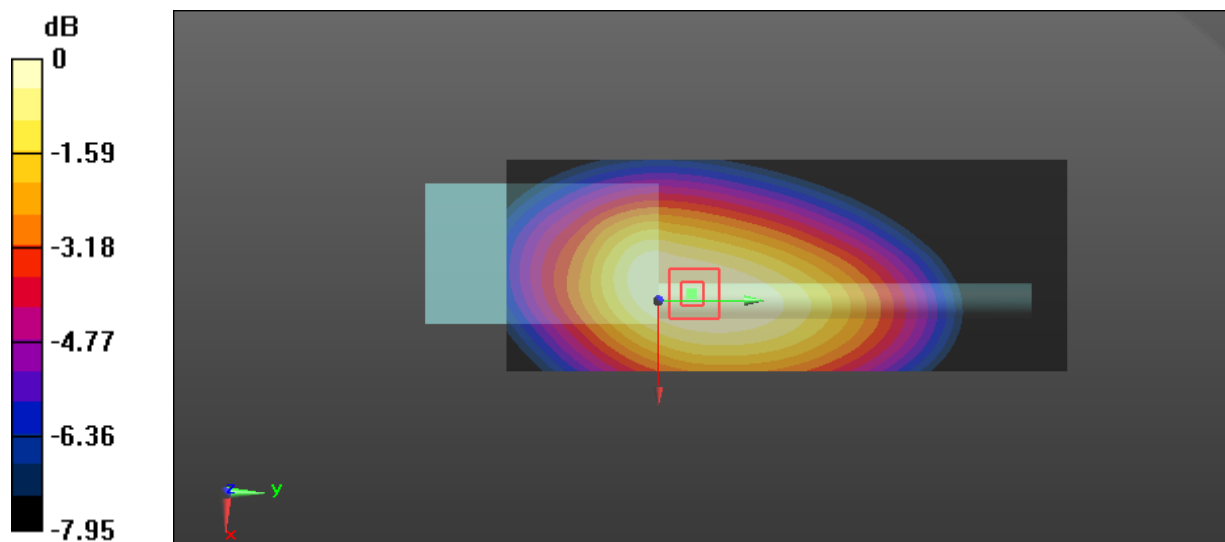
Maximum value of SAR (interpolated) = 10.1 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 109.7 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 9.21 W/kg; SAR(10 g) = 6.83 W/kg

Maximum value of SAR (measured) = 9.69 W/kg

0 dB = 9.69 W/kg = 9.86 dBW/kg

Test Plot 44#: FM 25kHz_432.0125 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 432.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 432.012 MHz; σ = 0.856 S/m; $ε_r$ = 43.408; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 432.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
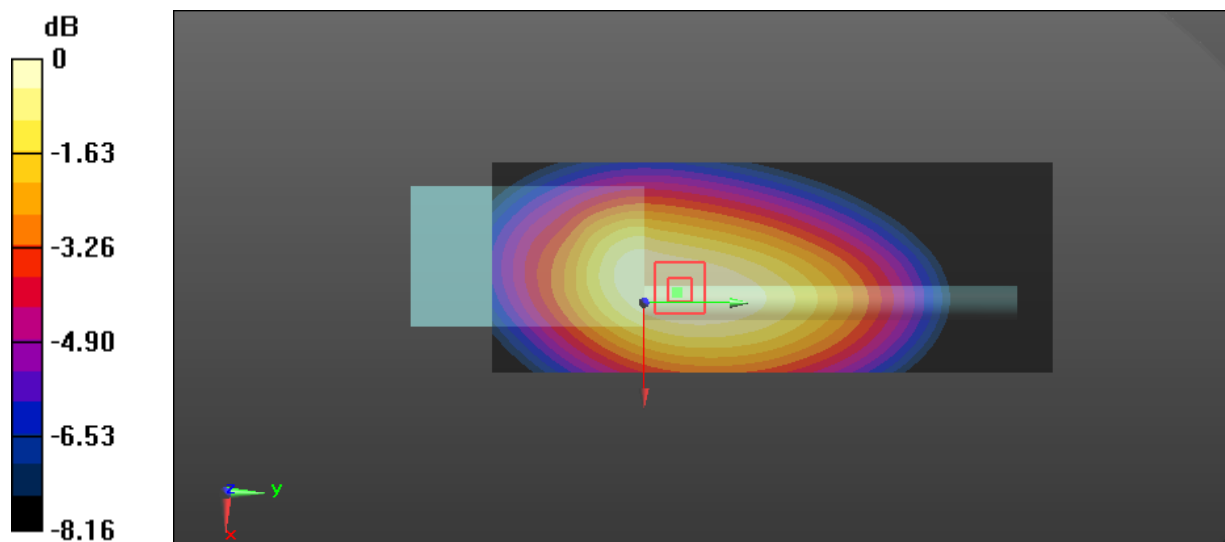
Maximum value of SAR (interpolated) = 9.47 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.4 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.7 W/kg

SAR(1 g) = 8.77 W/kg; SAR(10 g) = 6.48 W/kg

Maximum value of SAR (measured) = 9.22 W/kg

0 dB = 9.22 W/kg = 9.65 dBW/kg

Test Plot 45#: FM 25kHz_448.0125 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 448.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 448.012 MHz; σ = 0.861 S/m; $ε_r$ = 43.376; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 448.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
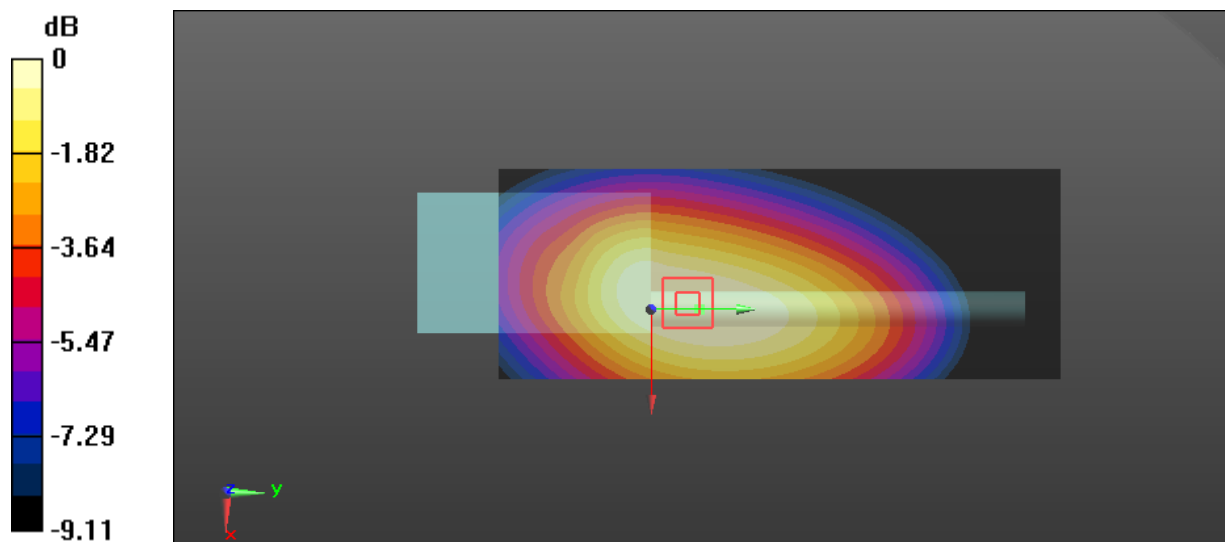
Maximum value of SAR (interpolated) = 10.4 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 111.3 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 9.4 W/kg; SAR(10 g) = 6.92 W/kg

Maximum value of SAR (measured) = 9.85 W/kg

0 dB = 9.85 W/kg = 9.93 dBW/kg

Test Plot 46#: FM 25kHz_464.0125 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 464.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 464.012 MHz; σ = 0.871 S/m; $ε_r$ = 43.282; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 464.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

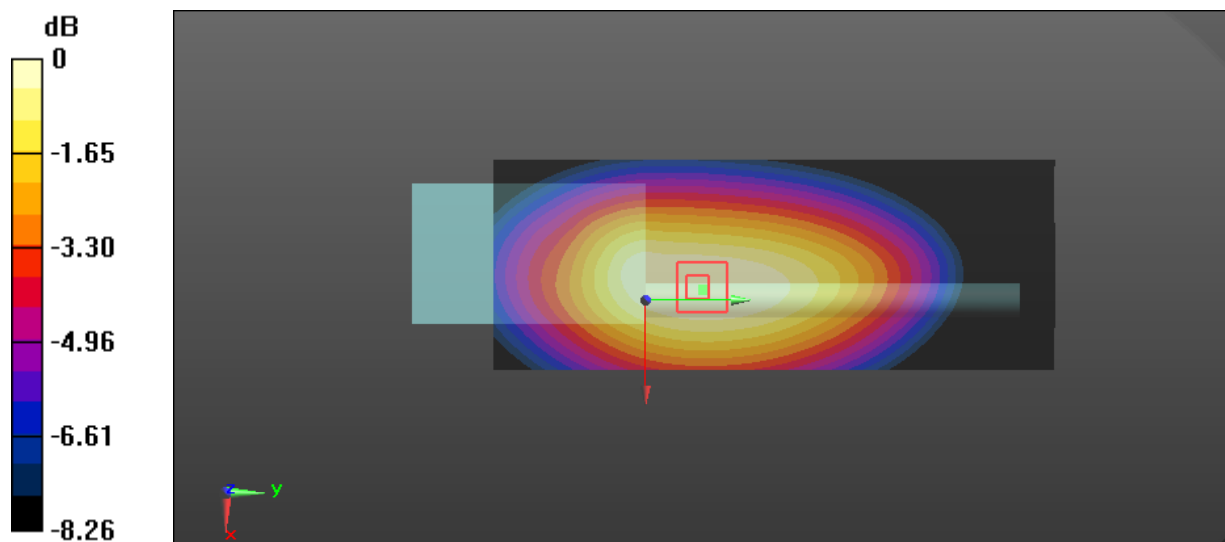Maximum value of SAR (interpolated) = 11.5 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 111.5 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 14.4 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 7.72 W/kg

Maximum value of SAR (measured) = 11.1 W/kg

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

Test Plot 47#: FM 25kHz_479.9875 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: FM; Frequency: 479.988 MHz;Duty Cycle: 1:1

Medium parameters used: f = 479.988 MHz; σ = 0.882 S/m; $ε_r$ = 43.164; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 479.988 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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
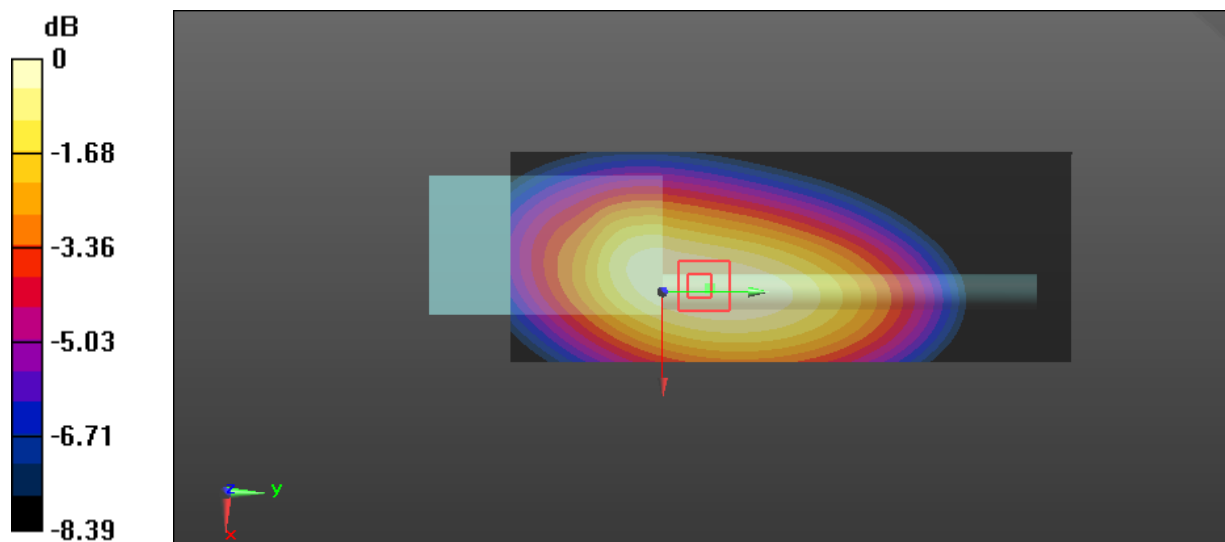
Maximum value of SAR (interpolated) = 7.23 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.46 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 9.16 W/kg

SAR(1 g) = 6.76 W/kg; SAR(10 g) = 4.93 W/kg

Maximum value of SAR (measured) = 7.11 W/kg

0 dB = 7.11 W/kg = 8.52 dBW/kg

Test Plot 48#: 4FSK_400.0125 MHz_Body Back

DUT: Two way radio; Type: DR5510-2; Serial: 19072400322

Communication System: 4FSK; Frequency: 400.012 MHz;Duty Cycle: 1:2

Medium parameters used: f = 400.012 MHz; σ = 0.838 S/m; $ε_r$ = 43.625; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18) @ 400.012 MHz; Calibrated: 2018/8/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- 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

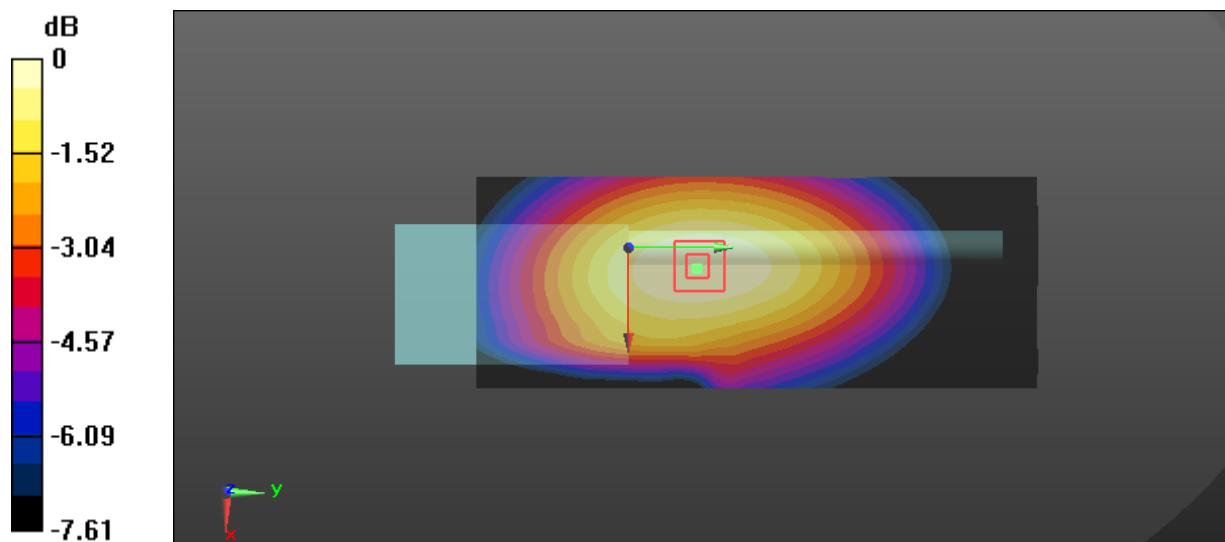Maximum value of SAR (interpolated) = 9.26 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.04 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 8.72 W/kg; SAR(10 g) = 6.5 W/kg

Maximum value of SAR (measured) = 9.16 W/kg

0 dB = 9.16 W/kg = 9.62 dBW/kg