Test Plot 1#: PTT_FM 12.5kHz_Face Up_435 MHz

DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120
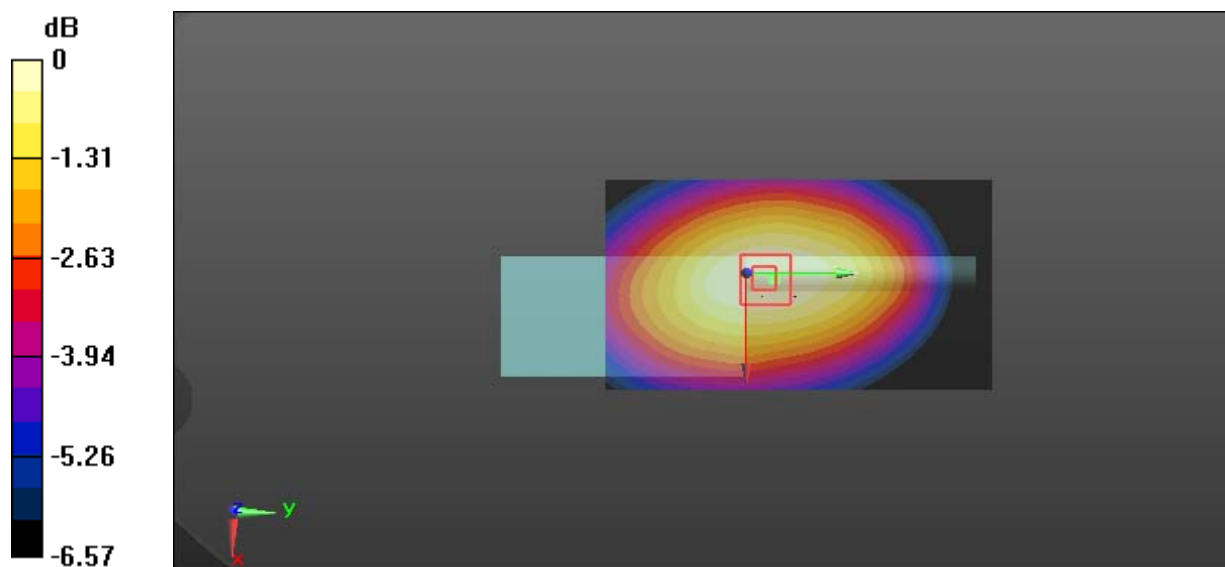
Communication System: FM; Frequency: 435 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 435$ MHz; $\sigma = 0.849$ S/m; $\varepsilon_r = 45.182$; $\rho = 1000$ kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.79 W/kg

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

Reference Value = 84.53 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 7.35 W/kg

SAR(1 g) = 5.32 W/kg; SAR(10 g) = 4.09 W/kg

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

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

Test Plot 2#: PTT_FM 25kHz_Face Up_435 MHz

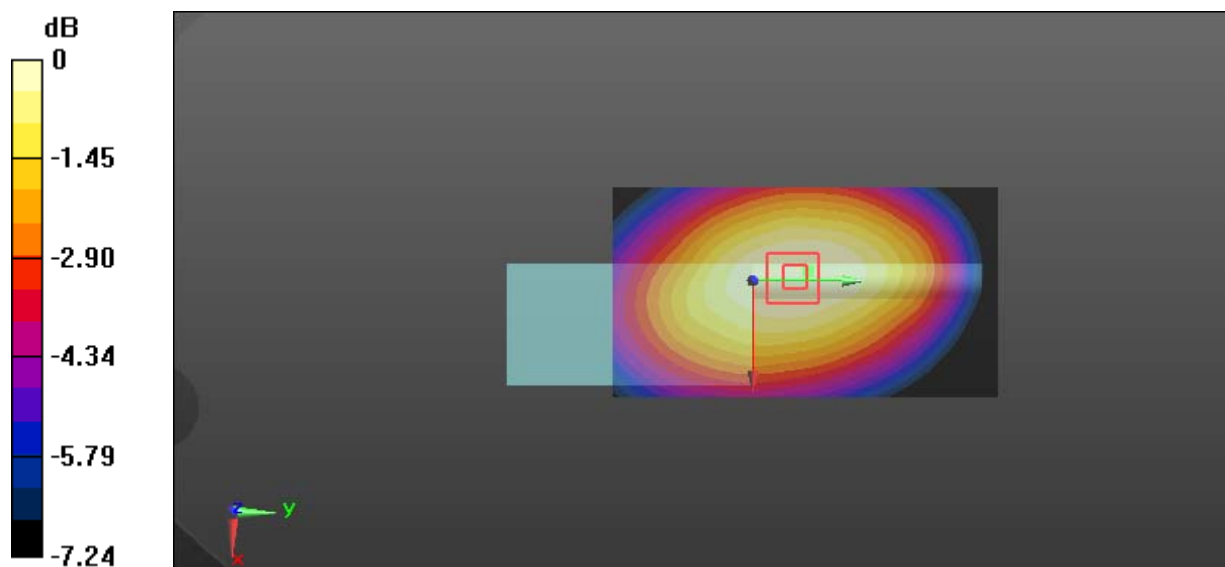**DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120**

Communication System: FM; Frequency: 435 MHz;Duty Cycle: 1:1

Medium parameters used: f = 435 MHz; σ = 0.849 S/m; ε_r = 45.182; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.47 W/kg

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

Reference Value = 83.16 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.94 W/kg

SAR(1 g) = 5.13 W/kg; SAR(10 g) = 3.96 W/kg

Maximum value of SAR (measured) = 6.27 W/kg

0 dB = 6.27 W/kg = 7.97 dBW/kg

Test Plot 3#: PTT_4FSK 12.5kHz_Face Up_435 MHz

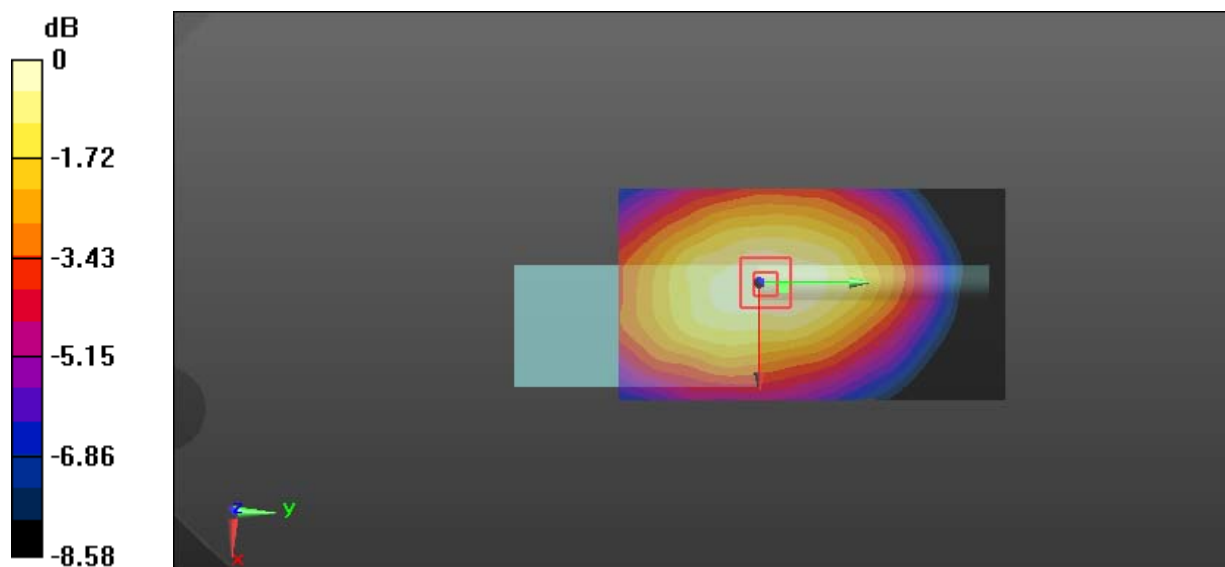**DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120**

Communication System: 4FSK; Frequency: 435 MHz;Duty Cycle: 1:2

Medium parameters used: f = 435 MHz; σ = 0.849 S/m; ε_r = 45.182; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.96 W/kg

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

Reference Value = 53.07 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.67 W/kg

Maximum value of SAR (measured) = 2.97 W/kg

0 dB = 2.97 W/kg = 4.73 dBW/kg

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

DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120

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

Medium parameters used: f = 400.012 MHz; σ = 0.935 S/m; ε_r = 55.671; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
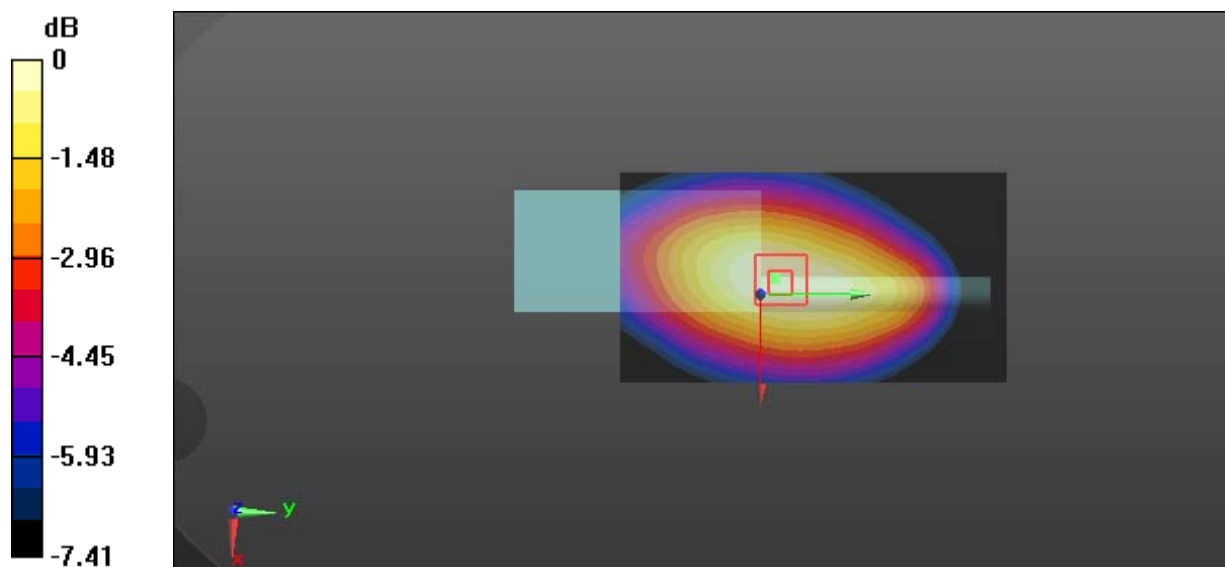
Maximum value of SAR (interpolated) = 8.79 W/kg

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

Reference Value = 90.39 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 9.80 W/kg

SAR(1 g) = 6.96 W/kg; SAR(10 g) = 5.15 W/kg

Maximum value of SAR (measured) = 8.63 W/kg

0 dB = 8.63 W/kg = 9.36 dBW/kg

Test Plot 5#: PTT_FM 12.5kHz_Body Back_417 MHz

DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120

Communication System: FM; Frequency: 417 MHz;Duty Cycle: 1:1

Medium parameters used: f = 417 MHz; σ = 0.949 S/m; ε_r = 55.406; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
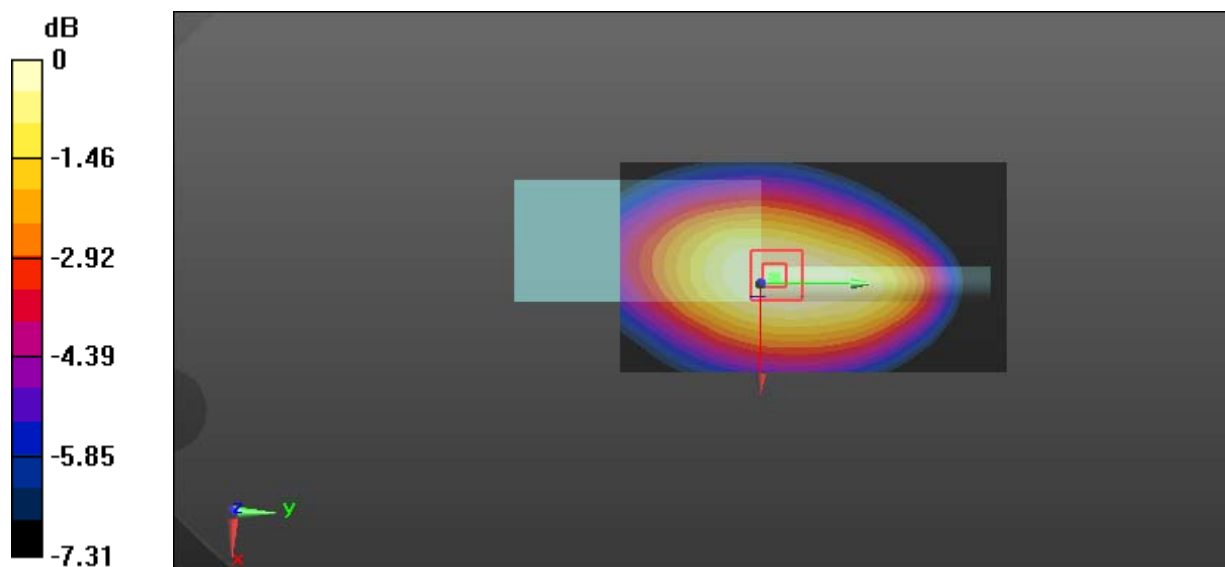
Maximum value of SAR (interpolated) = 8.97 W/kg

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

Reference Value = 96.71 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 9.52 W/kg

SAR(1 g) = 6.84 W/kg; SAR(10 g) = 5.08 W/kg

Maximum value of SAR (measured) = 8.52 W/kg

0 dB = 8.52 W/kg = 9.30 dBW/kg

Test Plot 6#: PTT_FM 12.5kHz_Body Back_435 MHz

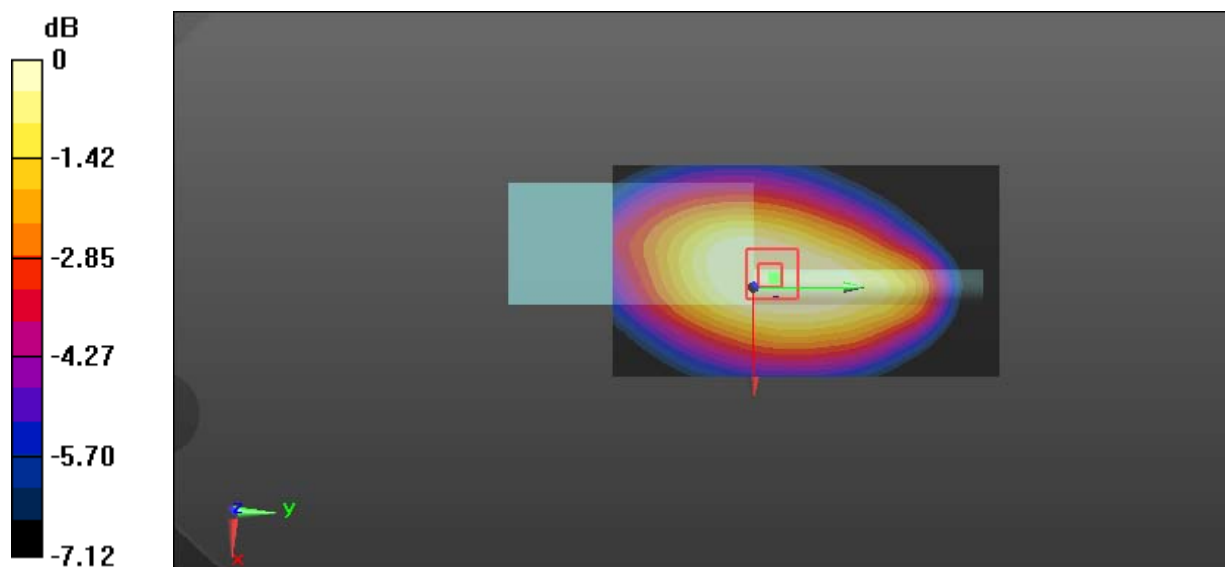**DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120**

Communication System: FM; Frequency: 435 MHz;Duty Cycle: 1:1

Medium parameters used: f = 435 MHz; σ = 0.935 S/m; ε_r = 54.981; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): 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 = 103.6 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 8.46 W/kg; SAR(10 g) = 6.32 W/kg

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

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

Test Plot 7#: PTT_FM 12.5kHz_Body Back_452 MHz

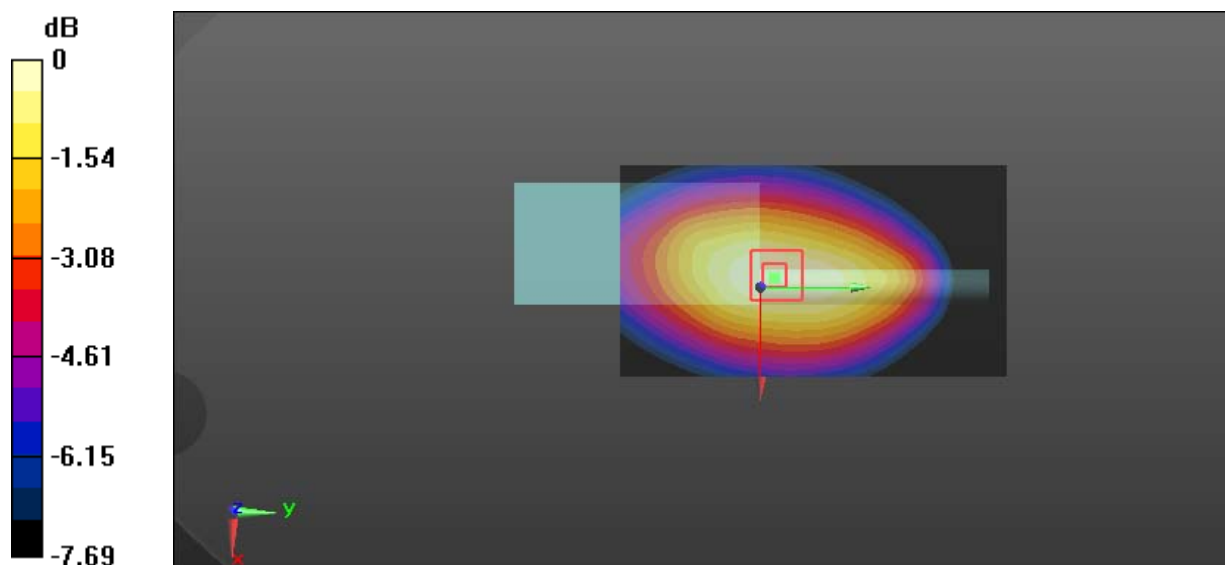**DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120**

Communication System: FM; Frequency: 452 MHz;Duty Cycle: 1:1

Medium parameters used: f = 452 MHz; σ = 0.947 S/m; ε_r = 54.575; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.02 W/kg

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

Reference Value = 66.66 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 5.62 W/kg

SAR(1 g) = 4.03 W/kg; SAR(10 g) = 2.96 W/kg

Maximum value of SAR (measured) = 5.03 W/kg

0 dB = 5.03 W/kg = 7.02 dBW/kg

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

DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120

Communication System: FM; Frequency: 469.988 MHz;Duty Cycle: 1:1

Medium parameters used: f = 469.988 MHz; σ = 0.961 S/m; ε_r = 53.976; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
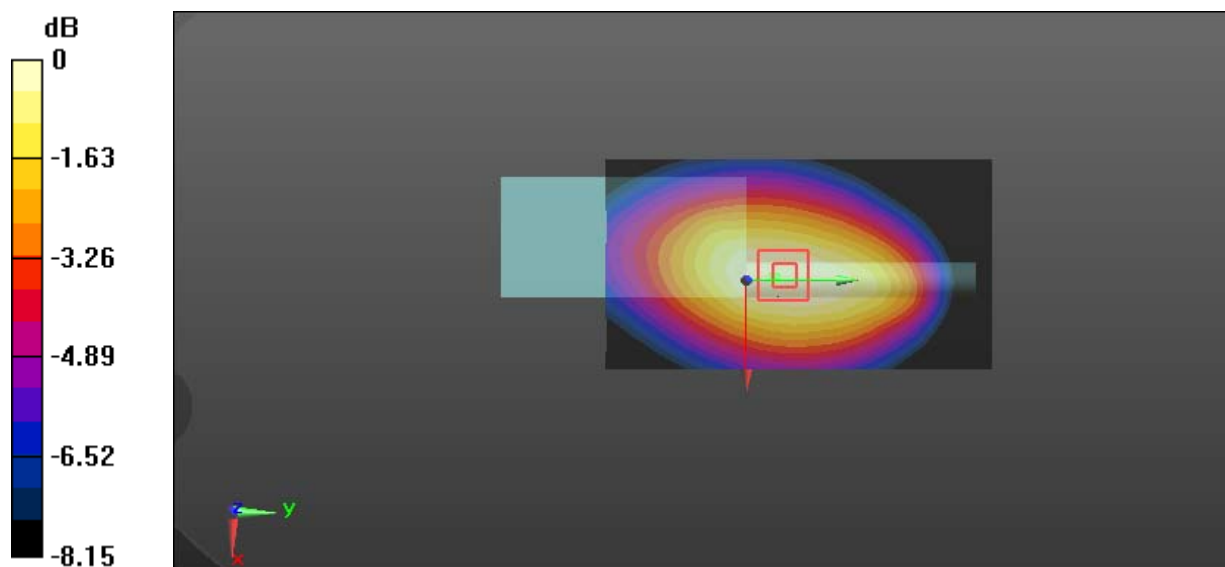
Maximum value of SAR (interpolated) = 3.36 W/kg

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

Reference Value = 54.64 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.71 W/kg

SAR(1 g) = 2.6 W/kg; SAR(10 g) = 1.9 W/kg

Maximum value of SAR (measured) = 3.28 W/kg

0 dB = 3.28 W/kg = 5.16 dBW/kg

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

DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120

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

Medium parameters used: f = 400.012 MHz; σ = 0.935 S/m; $ε_r$ = 55.671; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
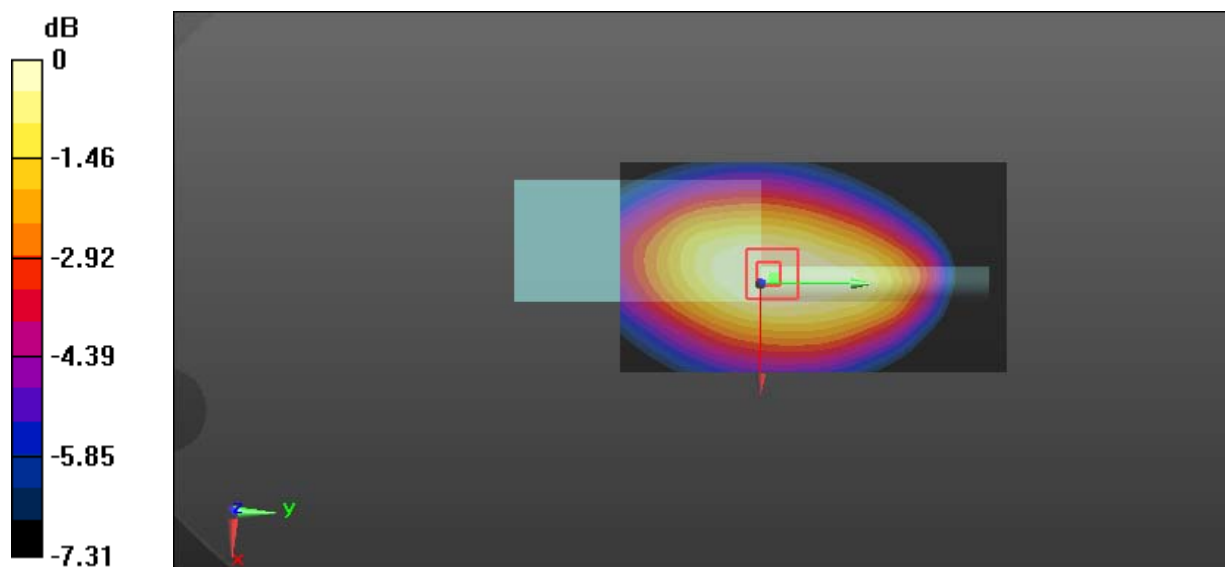
Maximum value of SAR (interpolated) = 9.06 W/kg

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

Reference Value = 99.73 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 9.64 W/kg

SAR(1 g) = 7.07 W/kg; SAR(10 g) = 5.25 W/kg

Maximum value of SAR (measured) = 8.67 W/kg

0 dB = 8.67 W/kg = 9.38 dBW/kg

Test Plot 10#: PTT_FM 25kHz_Body Back_417 MHz

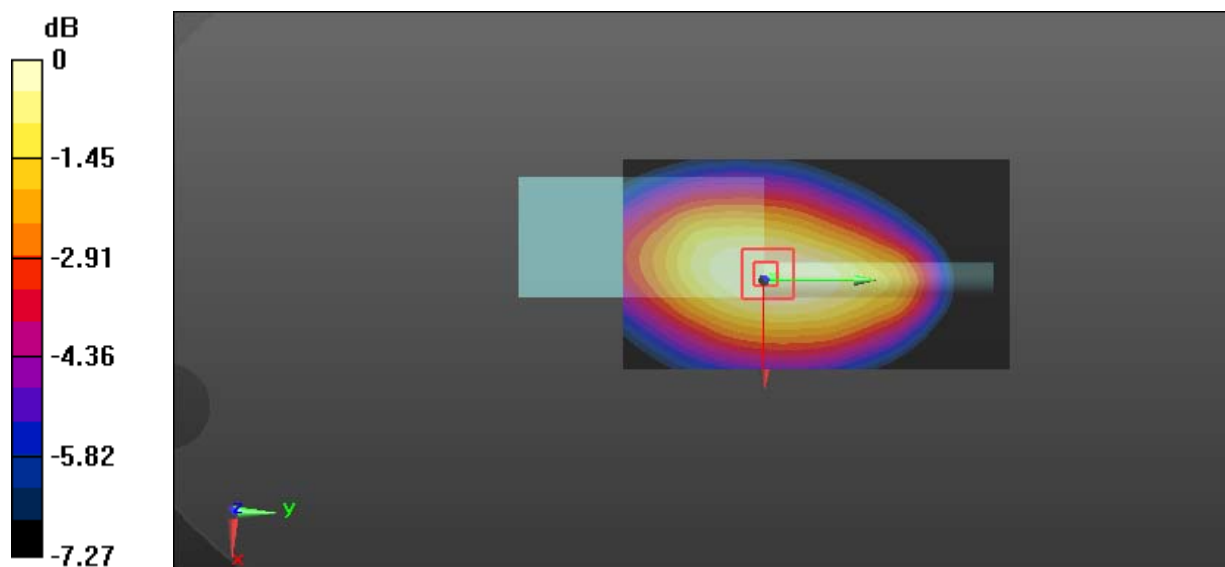**DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120**

Communication System: FM; Frequency: 417 MHz;Duty Cycle: 1:1

Medium parameters used: f = 417 MHz; σ = 0.949 S/m; ε_r = 55.406; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 94.25 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 9.39 W/kg

SAR(1 g) = 6.71 W/kg; SAR(10 g) = 4.98 W/kg

Maximum value of SAR (measured) = 8.35 W/kg

0 dB = 8.35 W/kg = 9.22 dBW/kg

Test Plot 11#: PTT_FM 25kHz_Body Back_435 MHz

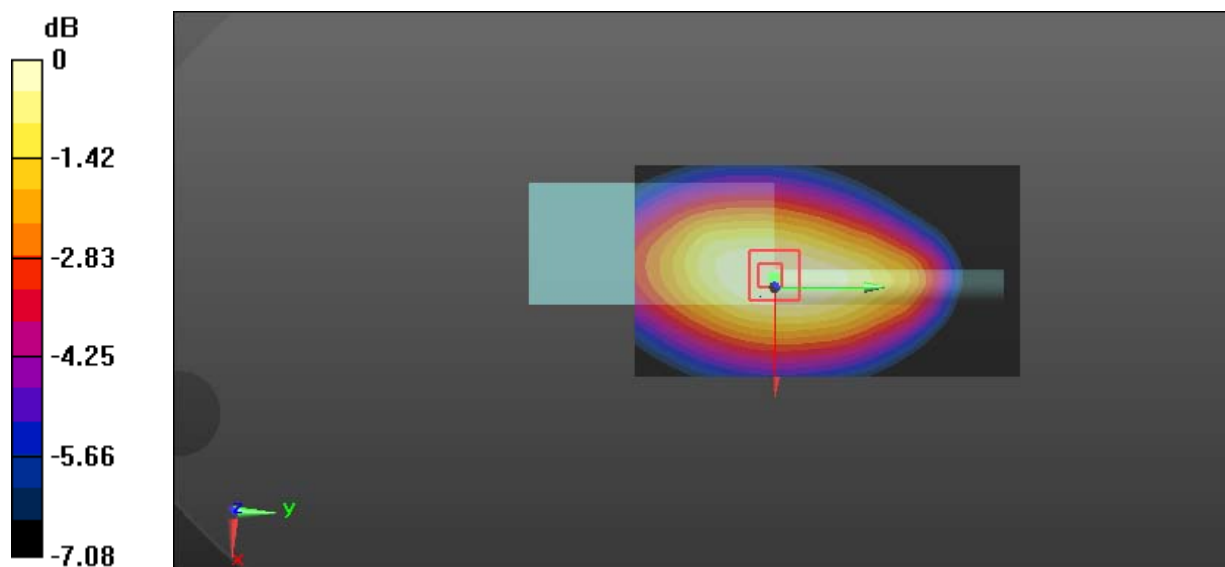**DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120**

Communication System: FM; Frequency: 435 MHz;Duty Cycle: 1:1

Medium parameters used: f = 435 MHz; σ = 0.935 S/m; ε_r = 54.981; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): 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 = 97.57 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 11.0 W/kg

SAR(1 g) = 7.77 W/kg; SAR(10 g) = 5.81 W/kg

Maximum value of SAR (measured) = 9.77 W/kg

0 dB = 9.77 W/kg = 9.90 dBW/kg

Test Plot 12#: PTT_FM 25kHz_Body Back_452 MHz

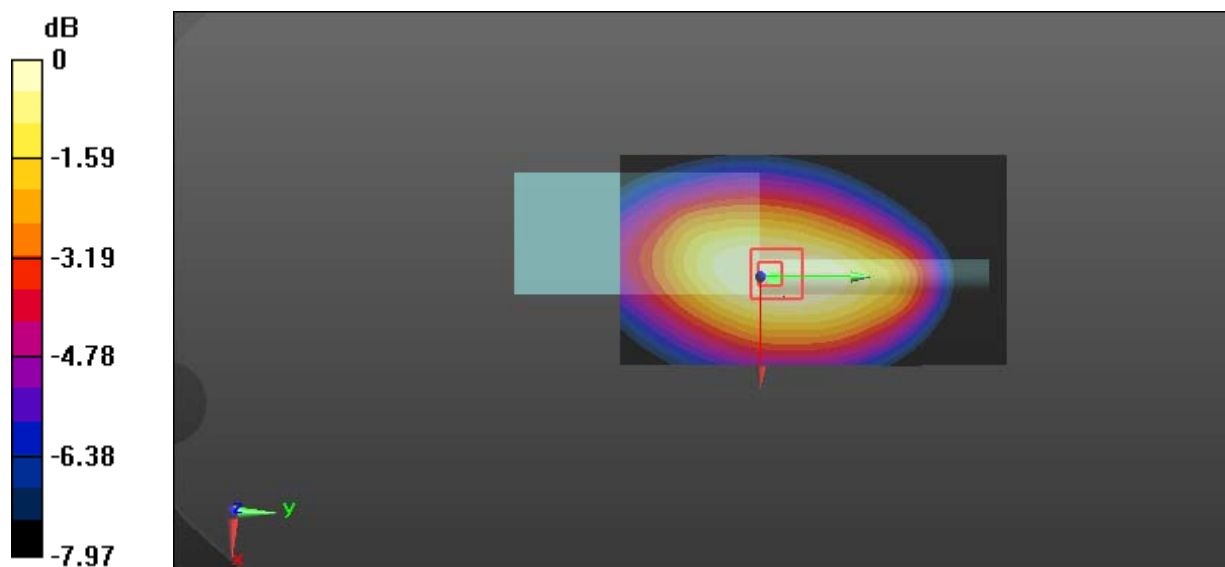**DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120**

Communication System: FM; Frequency: 452 MHz;Duty Cycle: 1:1

Medium parameters used: f = 452 MHz; σ = 0.947 S/m; ε_r = 54.575; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.58 W/kg

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

Reference Value = 76.69 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.09 W/kg

SAR(1 g) = 4.29 W/kg; SAR(10 g) = 3.12 W/kg

Maximum value of SAR (measured) = 5.39 W/kg

0 dB = 5.39 W/kg = 7.32 dBW/kg

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

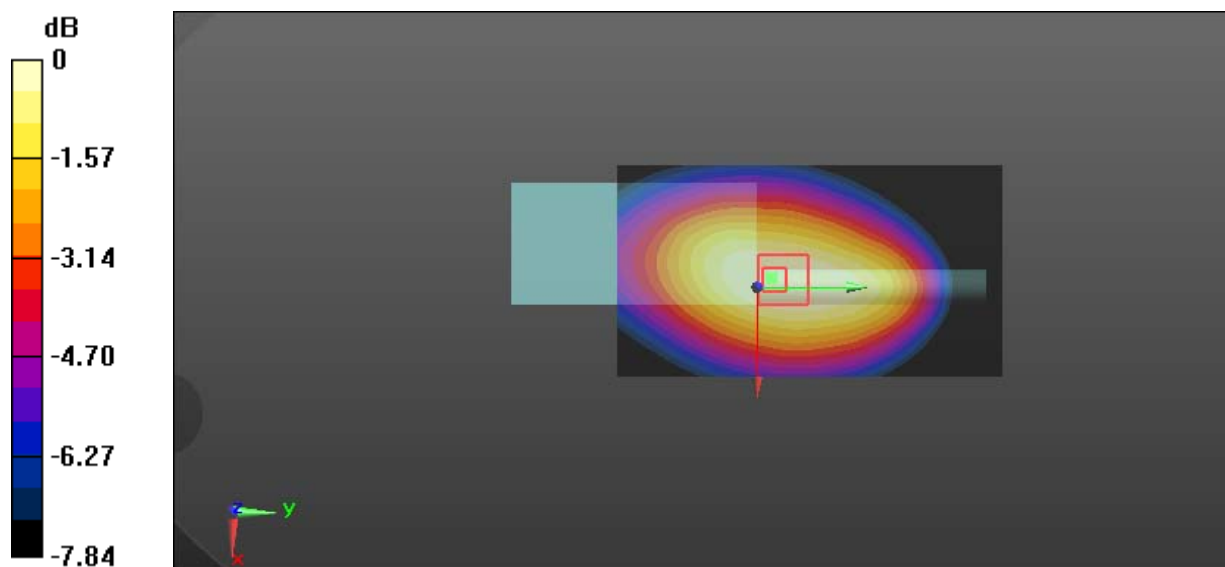**DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120**

Communication System: FM; Frequency: 469.988 MHz;Duty Cycle: 1:1

Medium parameters used: f = 469.988 MHz; σ = 0.961 S/m; $ε_r$ = 53.976; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.28 W/kg

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

Reference Value = 61.74 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.66 W/kg

SAR(1 g) = 3.24 W/kg; SAR(10 g) = 2.39 W/kg

Maximum value of SAR (measured) = 4.11 W/kg

0 dB = 4.11 W/kg = 6.14 dBW/kg

Test Plot 14#: PTT_4FSK 12.5kHz_Body Back_435 MHz

DUT: Digital Poratable Radio; Type: BD302i U(1); Serial: 17122000120

Communication System: 4FSK; Frequency: 435 MHz;Duty Cycle: 1:2

Medium parameters used: f = 435 MHz; σ = 0.935 S/m; $ε_r$ = 54.981; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
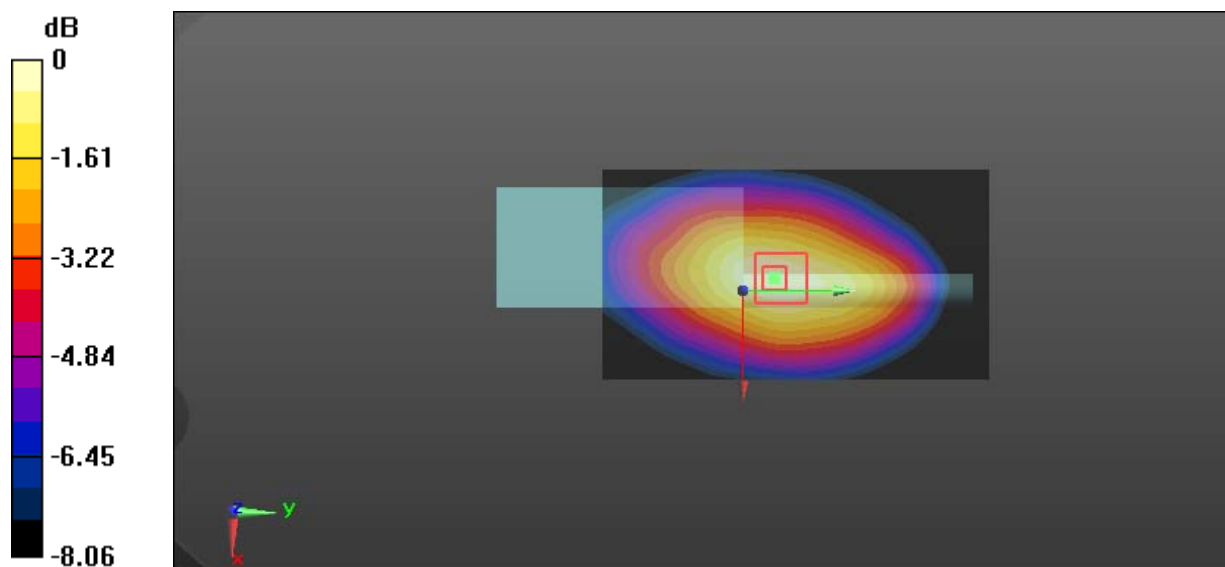
Maximum value of SAR (interpolated) = 5.09 W/kg

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

Reference Value = 62.40 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 6.14 W/kg

SAR(1 g) = 3.73 W/kg; SAR(10 g) = 2.67 W/kg

Maximum value of SAR (measured) = 5.17 W/kg

0 dB = 5.17 W/kg = 7.13 dBW/kg