Test Plot 1#: PTT_FM 12.5kHz_Face Up_503 MHz

DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320
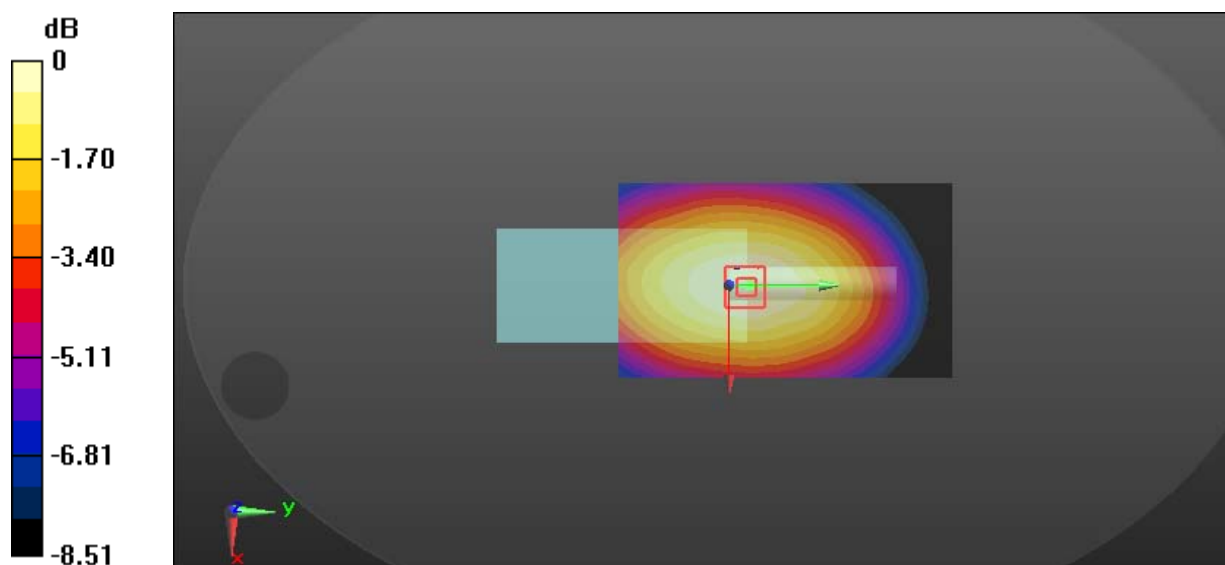
Communication System: FM; Frequency: 503 MHz;Duty Cycle: 1:1

Medium parameters used: f = 503 MHz; σ = 0.881 S/m; ε_r = 42.626; 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.58 W/kg

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

Reference Value = 76.07 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 7.47 W/kg

SAR(1 g) = 5.02 W/kg; SAR(10 g) = 3.7 W/kg

Maximum value of SAR (measured) = 6.48 W/kg

0 dB = 6.48 W/kg = 8.12 dBW/kg

Test Plot 2#: PTT_FM 25kHz_Face Up_503 MHz

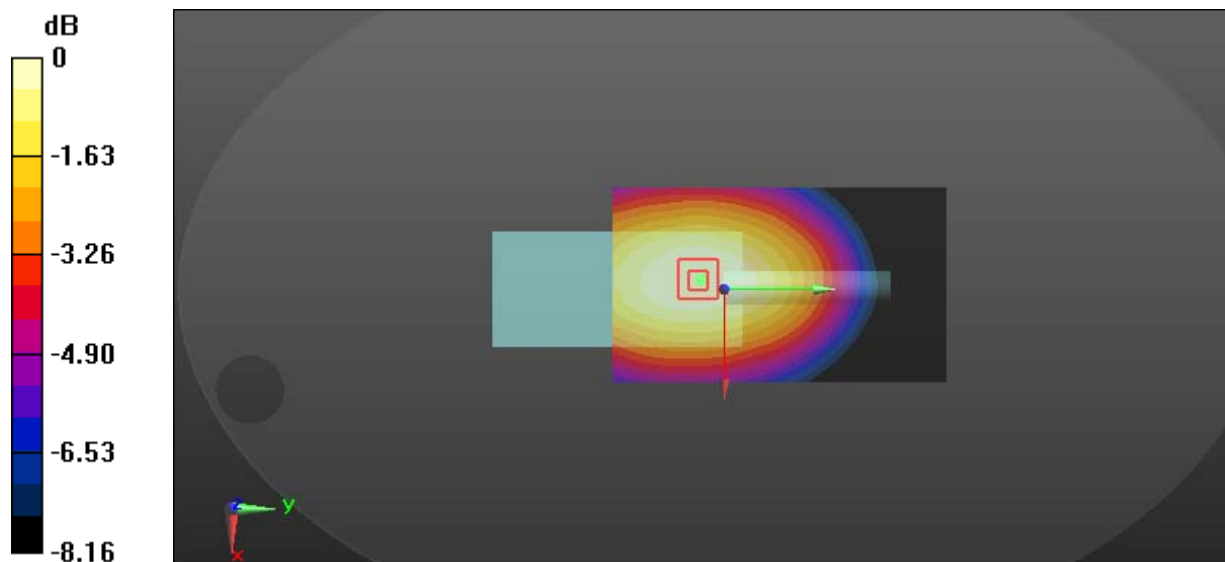**DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320**

Communication System: FM; Frequency: 503 MHz;Duty Cycle: 1:1

Medium parameters used: f = 503 MHz; σ = 0.881 S/m; $ε_r$ = 42.626; 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.02 W/kg

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

Reference Value = 72.62 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.79 W/kg

SAR(1 g) = 4.53 W/kg; SAR(10 g) = 3.35 W/kg

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

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

Test Plot 3#: PTT_4FSK 12.5kHz_Face Up_503 MHz

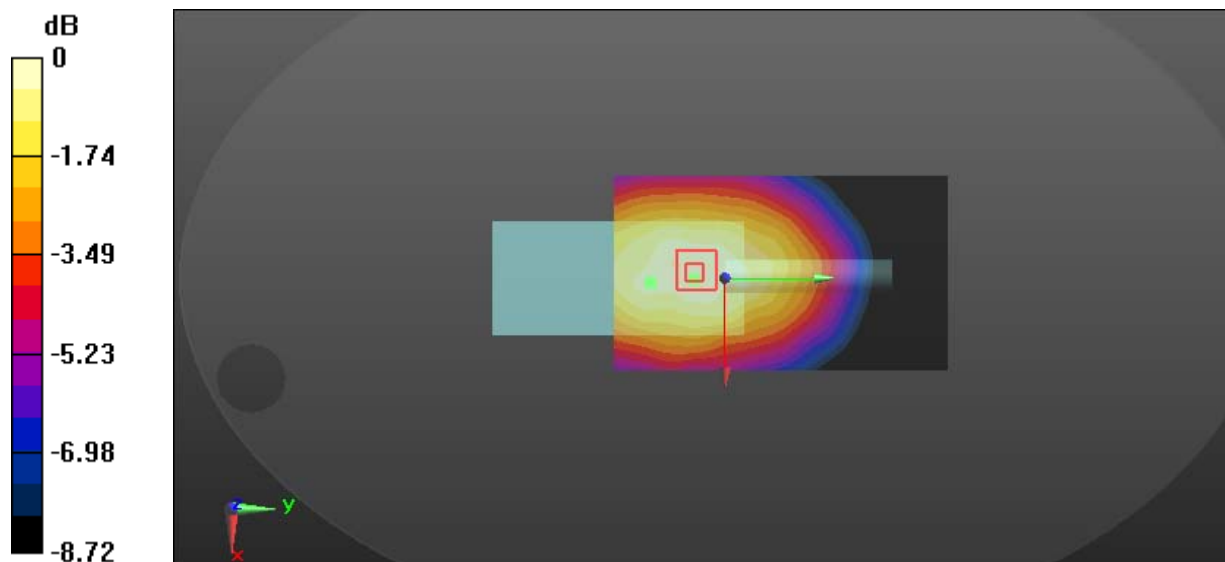**DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320**

Communication System: 4FSK; Frequency: 503 MHz;Duty Cycle: 1:2

Medium parameters used: f = 503 MHz; σ = 0.881 S/m; ε_r = 42.626; 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.59 W/kg

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

Reference Value = 54.56 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.18 W/kg

SAR(1 g) = 2.78 W/kg; SAR(10 g) = 2.05 W/kg

Maximum value of SAR (measured) = 3.61 W/kg

0 dB = 3.61 W/kg = 5.58 dBW/kg

Test Plot 4#: PTT_FM 12.5kHz_Body Back_450.0125 MHz

DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320

Communication System: FM; Frequency: 450.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 450.012 MHz; σ = 0.949 S/m; $ε_r$ = 56.328; 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

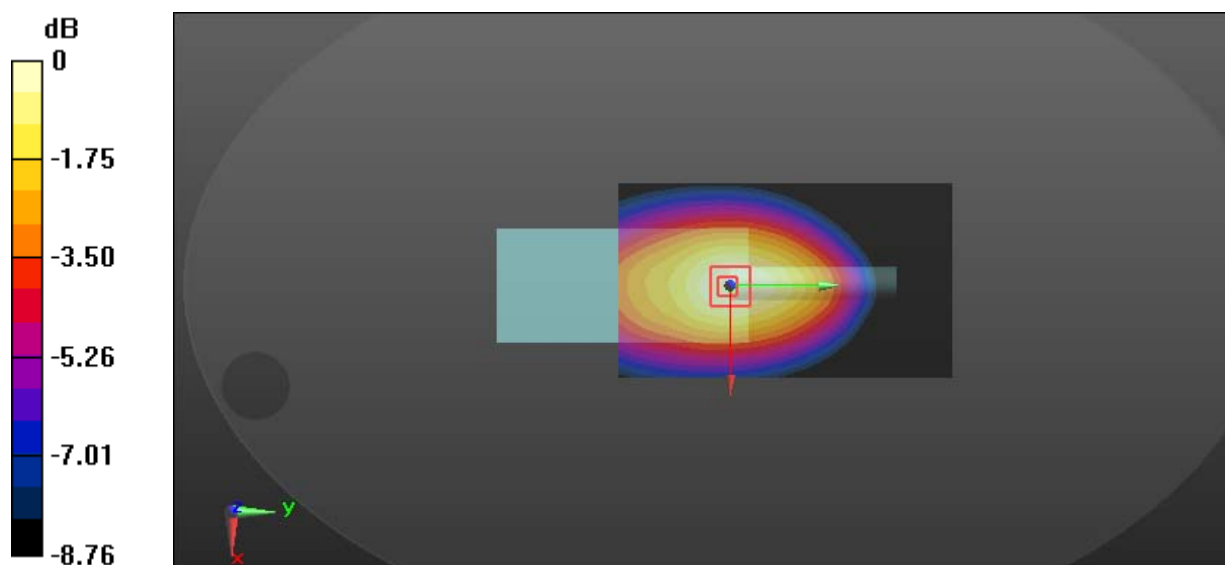Maximum value of SAR (interpolated) = 12.9 W/kg

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

Reference Value = 106.1 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 14.5 W/kg

SAR(1 g) = 9.63 W/kg; SAR(10 g) = 6.91 W/kg

Maximum value of SAR (measured) = 12.5 W/kg

0 dB = 12.5 W/kg = 10.97 dBW/kg

Test Plot 5#: PTT_FM 12.5kHz_Body Back_468 MHz

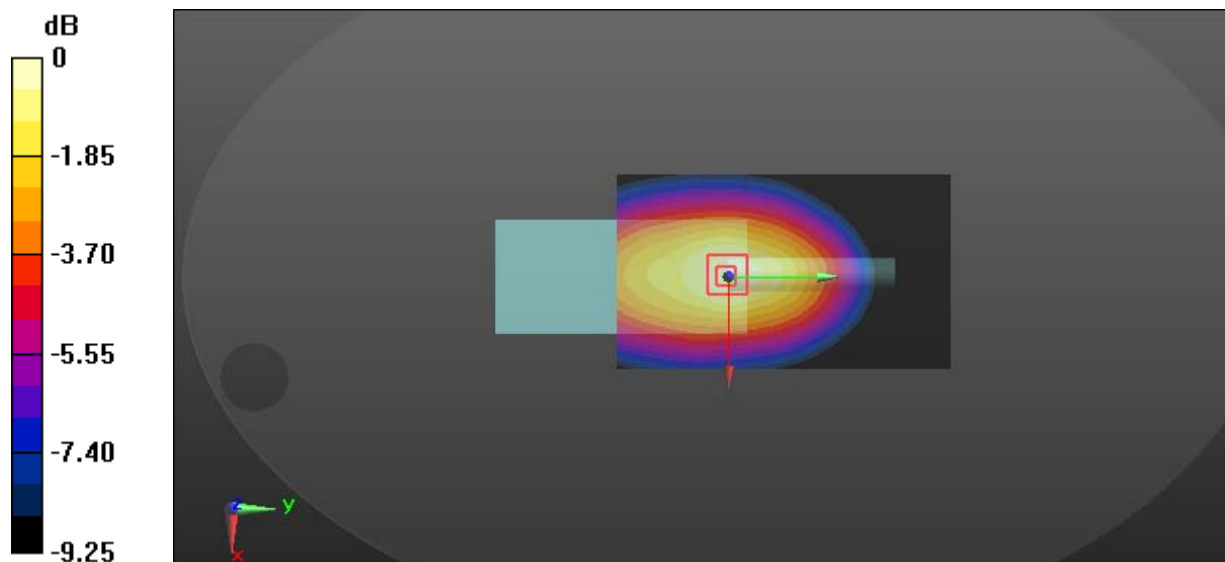**DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320**

Communication System: FM; Frequency: 468 MHz;Duty Cycle: 1:1

Medium parameters used: f = 468 MHz; σ = 0.953 S/m; ε_r = 56.158; 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.8 W/kg

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

Reference Value = 93.09 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 13.5 W/kg

SAR(1 g) = 8.02 W/kg; SAR(10 g) = 5.64 W/kg

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

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

Test Plot 6#: PTT_FM 12.5kHz_Body Back_485 MHz

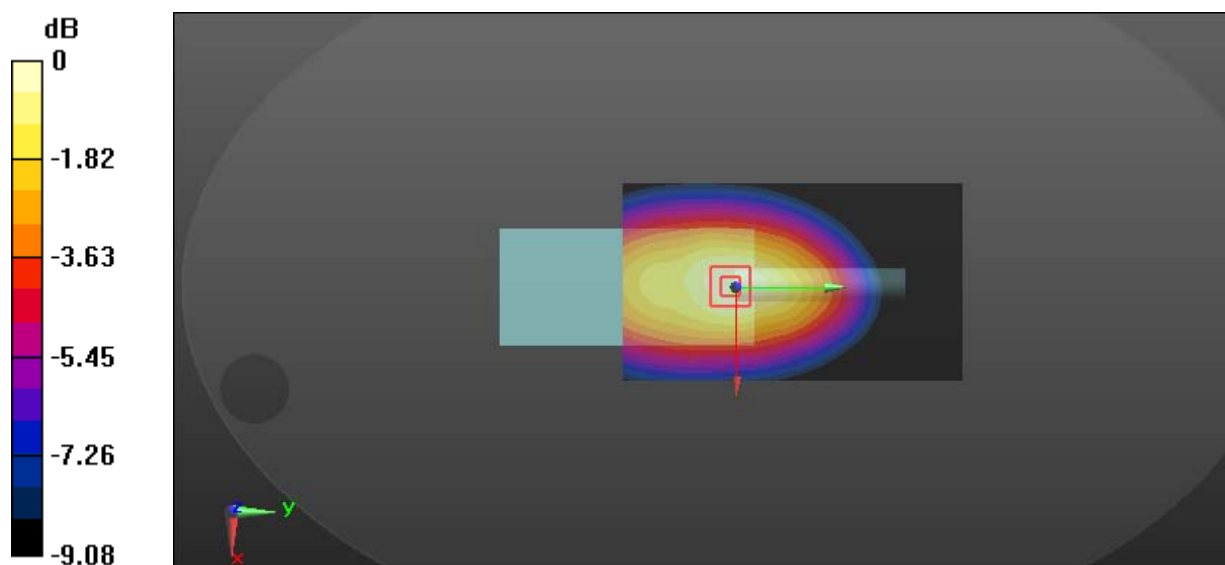**DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320**

Communication System: FM; Frequency: 485 MHz;Duty Cycle: 1:1

Medium parameters used: f = 485 MHz; σ = 0.954 S/m; ε_r = 56.026; 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.8 W/kg

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

Reference Value = 93.35 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 12.9 W/kg

SAR(1 g) = 7.96 W/kg; SAR(10 g) = 5.62 W/kg

Maximum value of SAR (measured) = 10.8 W/kg

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

Test Plot 7#: PTT_FM 12.5kHz_Body Back_503 MHz

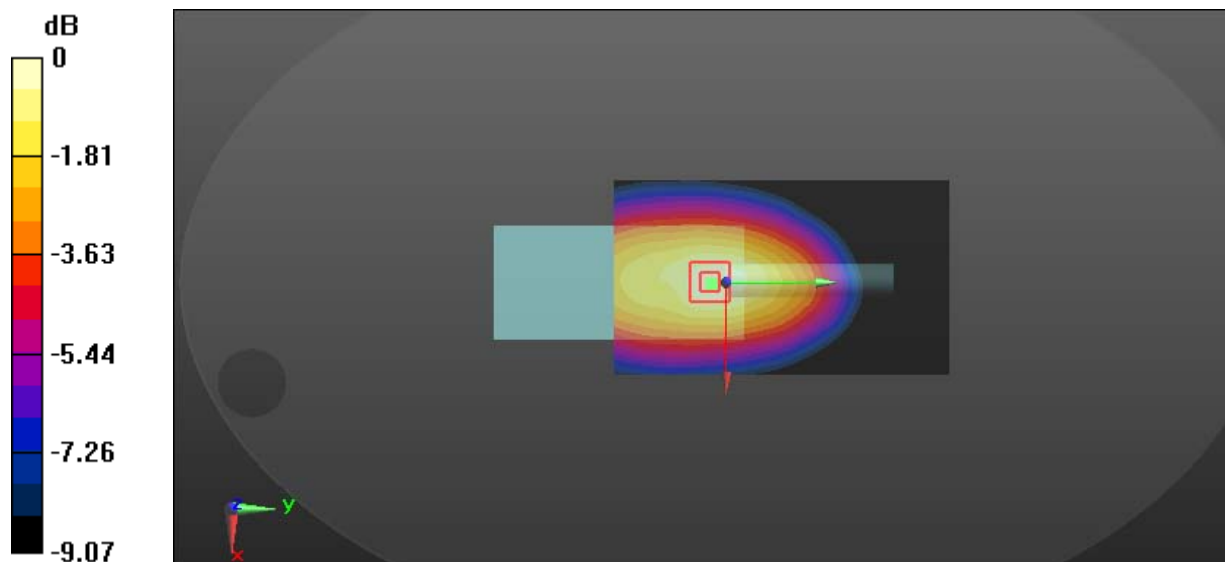**DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320**

Communication System: FM; Frequency: 503 MHz;Duty Cycle: 1:1

Medium parameters used: f = 503 MHz; σ = 0.956 S/m; ε_r = 56.02; 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 (71x121x1): 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 = 94.14 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 14.4 W/kg

SAR(1 g) = 8.6 W/kg; SAR(10 g) = 6.04 W/kg

Maximum value of SAR (measured) = 11.9 W/kg

0 dB = 11.9 W/kg = 10.76 dBW/kg

Test Plot 8#: PTT_FM 12.5kHz_Body Back_511.9875 MHz

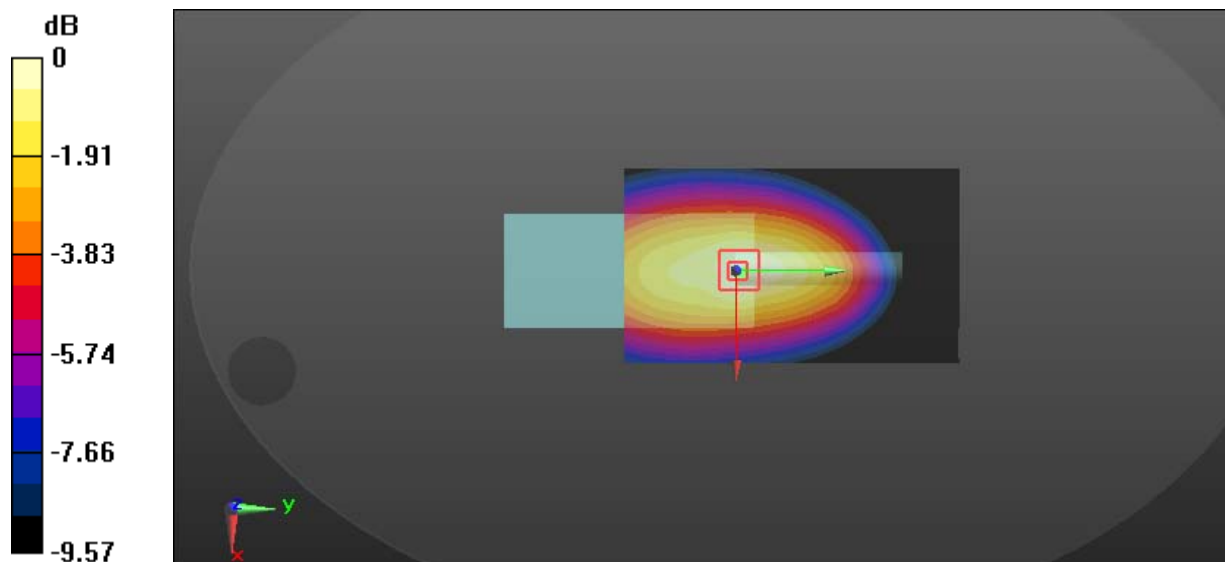**DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320**

Communication System: FM; Frequency: 511.988 MHz;Duty Cycle: 1:1

Medium parameters used: f = 511.988 MHz; σ = 0.978 S/m; $ε_r$ = 55.272; 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.65 W/kg

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

Reference Value = 72.69 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 7.60 W/kg

SAR(1 g) = 4.83 W/kg; SAR(10 g) = 3.38 W/kg

Maximum value of SAR (measured) = 6.45 W/kg

0 dB = 6.45 W/kg = 8.10 dBW/kg

Test Plot 9#: PTT_FM 25kHz_Body Back_450.0125 MHz

DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320

Communication System: FM; Frequency: 450.012 MHz;Duty Cycle: 1:1

Medium parameters used: f = 450.012 MHz; σ = 0.949 S/m; $ε_r$ = 56.328; 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

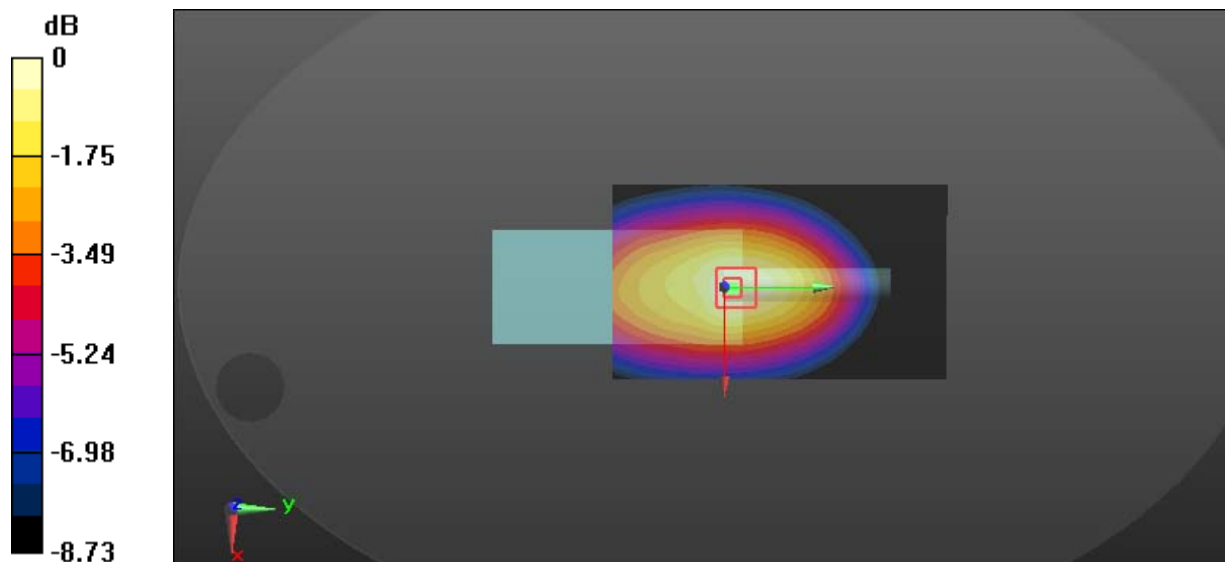Maximum value of SAR (interpolated) = 11.9 W/kg

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

Reference Value = 100.2 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 13.6 W/kg

SAR(1 g) = 8.98 W/kg; SAR(10 g) = 6.44 W/kg

Maximum value of SAR (measured) = 11.8 W/kg

0 dB = 11.8 W/kg = 10.72 dBW/kg

Test Plot 10#: PTT_FM 25kHz_Body Back_468 MHz

DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320

Communication System: FM; Frequency: 468 MHz;Duty Cycle: 1:1

Medium parameters used: f = 468 MHz; σ = 0.953 S/m; ε_r = 56.158; 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

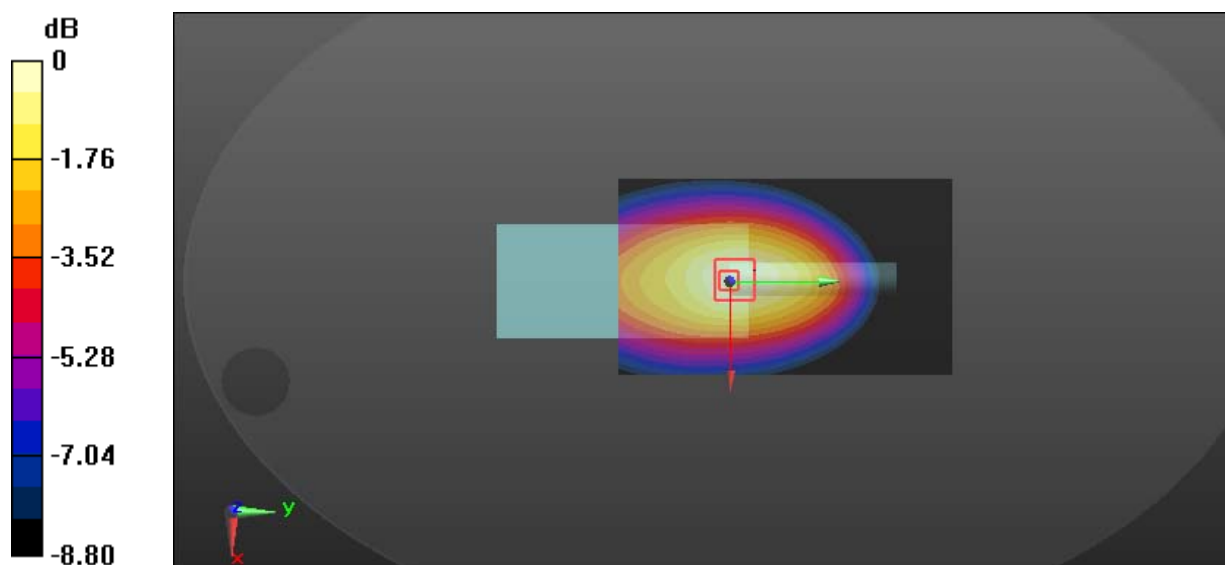Maximum value of SAR (interpolated) = 10.9 W/kg

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

Reference Value = 100.6 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 7.94 W/kg; SAR(10 g) = 5.67 W/kg

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

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

Test Plot 11#: PTT_FM 25kHz_Body Back_485 MHz

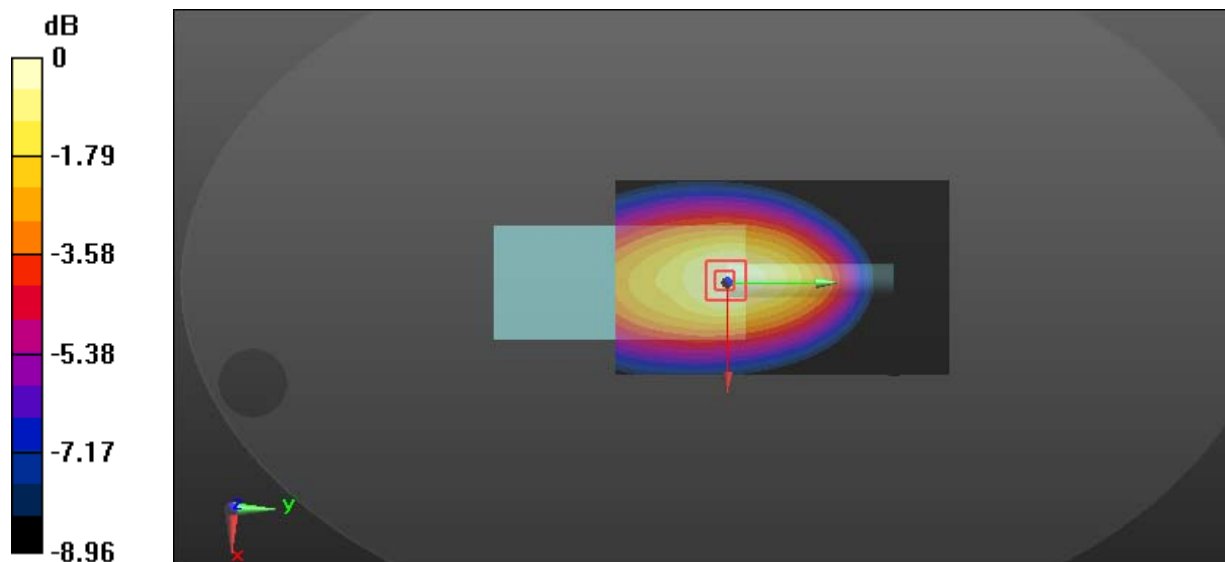**DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320**

Communication System: FM; Frequency: 485 MHz;Duty Cycle: 1:1

Medium parameters used: f = 485 MHz; σ = 0.954 S/m; ε_r = 56.026; 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.8 W/kg

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

Reference Value = 94.32 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 12.4 W/kg

SAR(1 g) = 8.09 W/kg; SAR(10 g) = 5.76 W/kg

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

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

Test Plot 12#: PTT_FM 25kHz_Body Back_503 MHz

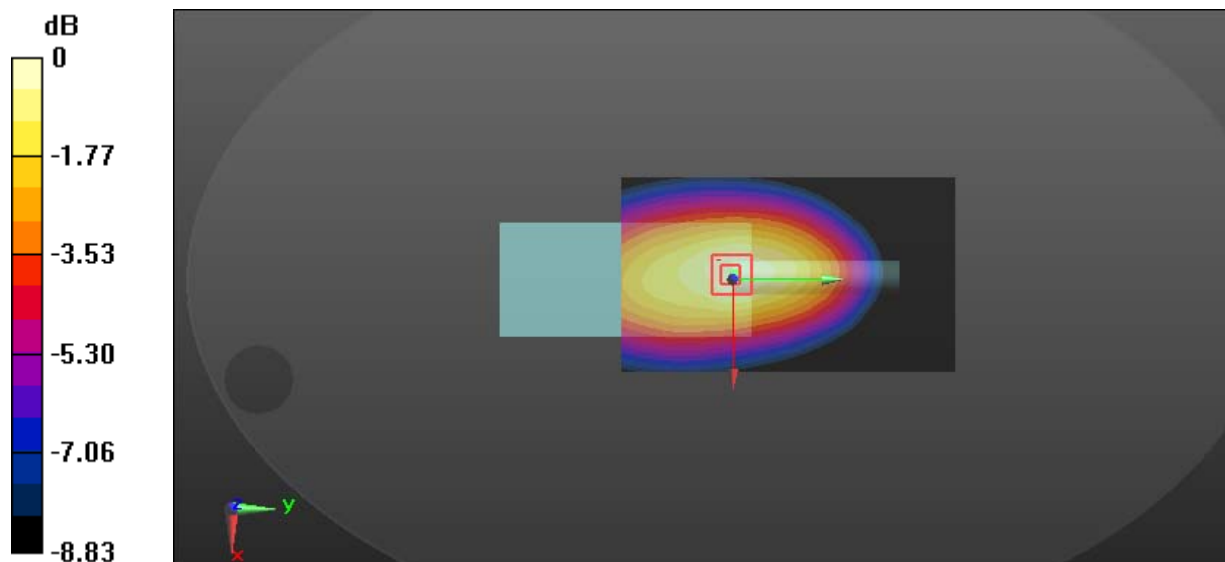**DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320**

Communication System: FM; Frequency: 503 MHz;Duty Cycle: 1:1

Medium parameters used: f = 503 MHz; σ = 0.956 S/m; ε_r = 56.02; 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 (71x121x1): 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 = 95.52 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 8.2 W/kg; SAR(10 g) = 5.81 W/kg

Maximum value of SAR (measured) = 10.8 W/kg

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

Test Plot 13#: PTT_FM 25kHz_Body Back_511.9875 MHz

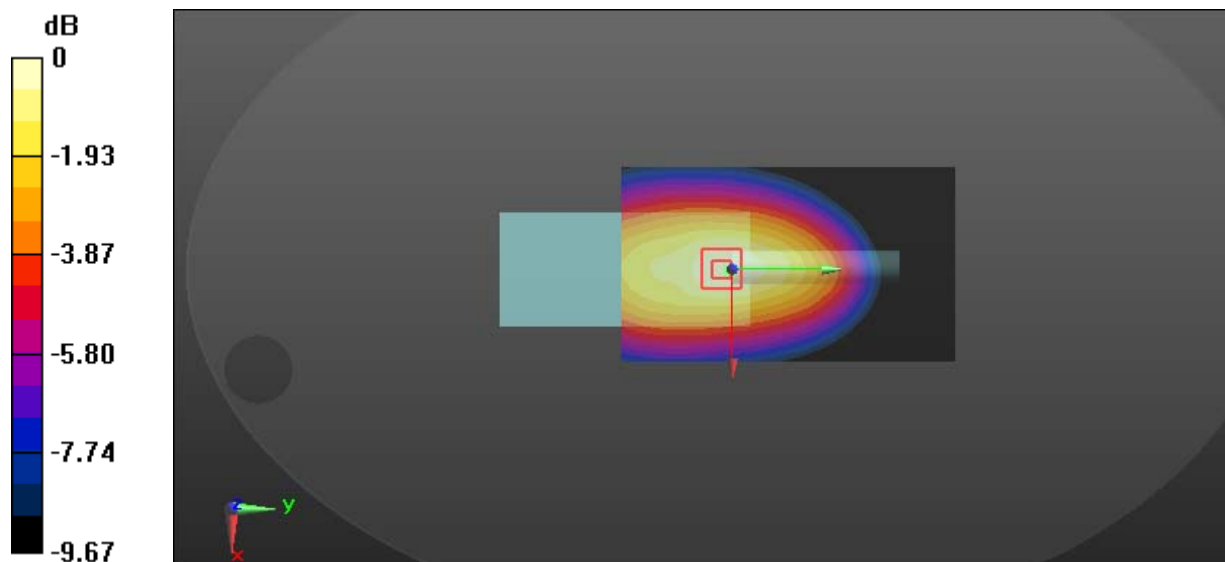**DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320**

Communication System: FM; Frequency: 511.988 MHz;Duty Cycle: 1:1

Medium parameters used: f = 511.988 MHz; σ = 0.978 S/m; $ε_r$ = 55.272; 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.13 W/kg

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

Reference Value = 70.03 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 7.25 W/kg

SAR(1 g) = 4.58 W/kg; SAR(10 g) = 3.21 W/kg

Maximum value of SAR (measured) = 6.15 W/kg

0 dB = 6.15 W/kg = 7.89 dBW/kg

Test Plot 14#: PTT_4FSK 12.5kHz_Body Back_450.0125 MHz

DUT: Digital Poratable Radio; Type: PD752i U(2); Serial: 17120701320

Communication System: 4FSK; Frequency: 450.012 MHz;Duty Cycle: 1:2

Medium parameters used: f = 450.012 MHz; σ = 0.949 S/m; $ε_r$ = 56.328; 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

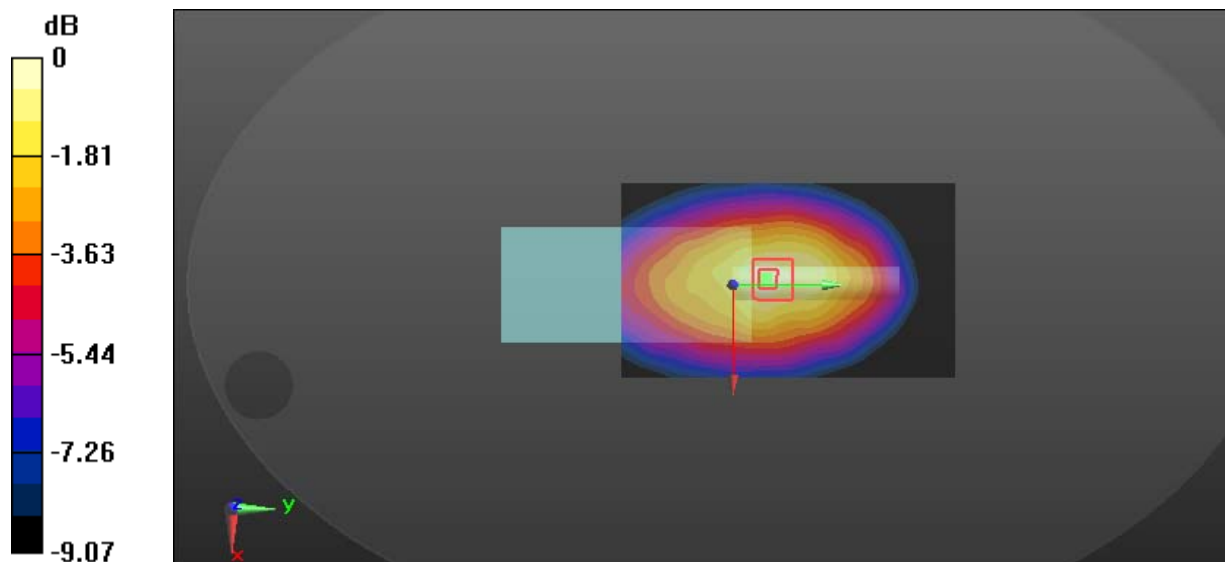Maximum value of SAR (interpolated) = 6.42 W/kg

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

Reference Value = 64.17 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.35 W/kg

SAR(1 g) = 4.88 W/kg; SAR(10 g) = 3.47 W/kg

Maximum value of SAR (measured) = 6.88 W/kg

0 dB = 6.88 W/kg = 8.38 dBW/kg