Test Plot 1#: PTT_FM 12.5kHz_Face Up_400.0125 MHz

DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920

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

Medium parameters used: f = 400.012 MHz; σ = 0.844 S/m; ε$_r$ = 45.573; 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

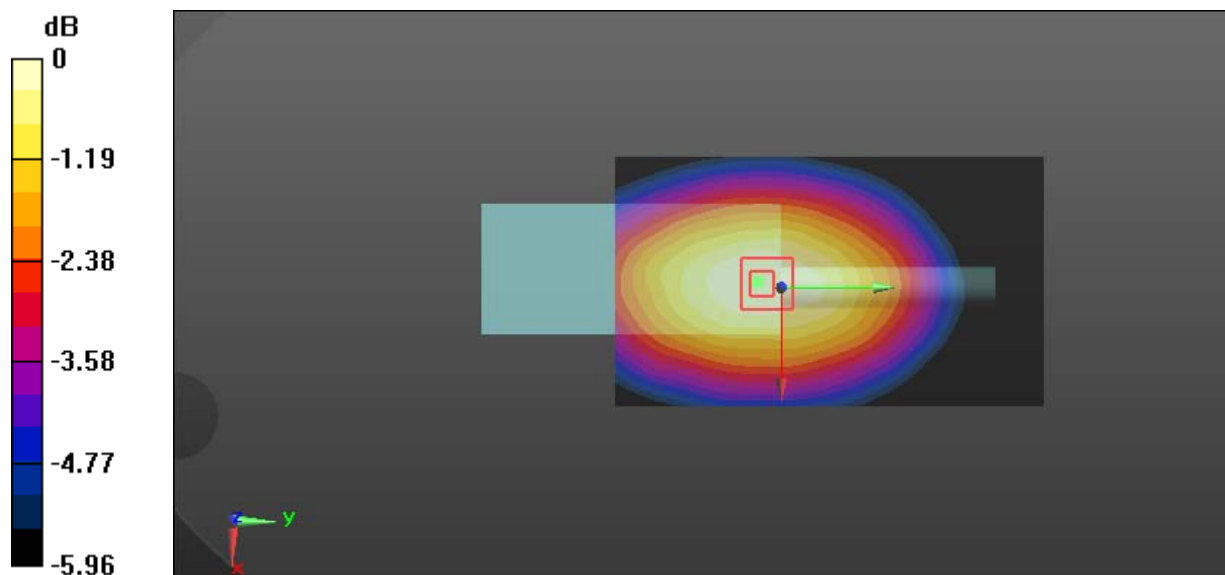Maximum value of SAR (interpolated) = 7.74 W/kg

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

Reference Value = 84.37 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 8.86 W/kg

SAR(1 g) = 6.02 W/kg; SAR(10 g) = 4.67 W/kg

Maximum value of SAR (measured) = 7.63 W/kg

0 dB = 7.63 W/kg = 8.83 dBW/kg

Test Plot 1#: PTT_FM 12.5kHz_Face Up_400.0125 MHz

Test Plot 2#: PTT_FM 25kHz_Face Up_400.0125 MHz

DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920

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

Medium parameters used: f = 400.012 MHz; σ = 0.844 S/m; $ε_r$ = 45.573; 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
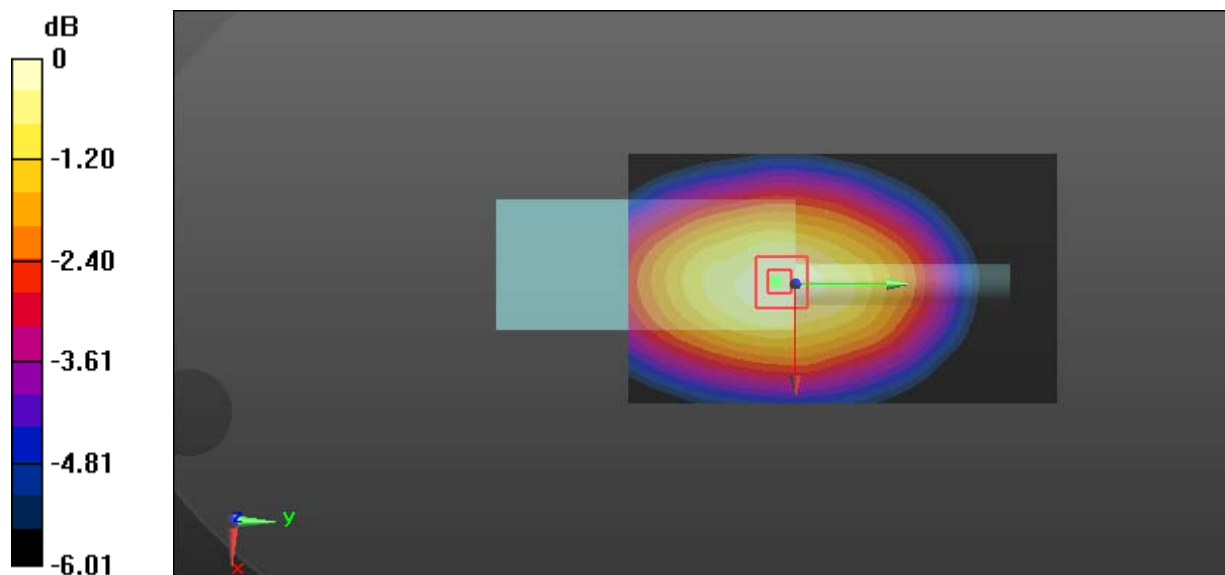
Maximum value of SAR (interpolated) = 7.27 W/kg

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

Reference Value = 81.06 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 8.58 W/kg

SAR(1 g) = 5.71 W/kg; SAR(10 g) = 4.42 W/kg

Maximum value of SAR (measured) = 7.35 W/kg

0 dB = 7.35 W/kg = 8.66 dBW/kg

Test Plot 3#: PTT_4FSK 12.5kHz_Face Up_400.0125 MHz

DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920

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

Medium parameters used: f = 400.012 MHz; σ = 0.844 S/m; ε_r = 45.573; 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
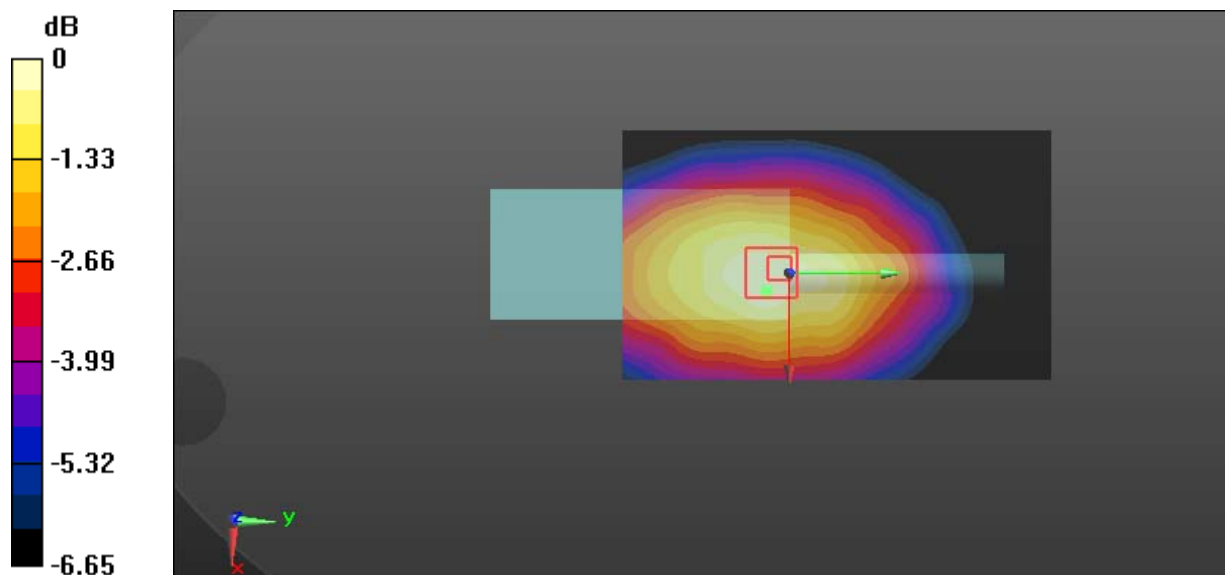
Maximum value of SAR (interpolated) = 3.18 W/kg

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

Reference Value = 53.52 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 4.00 W/kg

SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 3.38 W/kg

0 dB = 3.38 W/kg = 5.29 dBW/kg

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

DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920

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

Medium parameters used: f = 400.012 MHz; σ = 0.911 S/m; ε_r = 58.29; 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

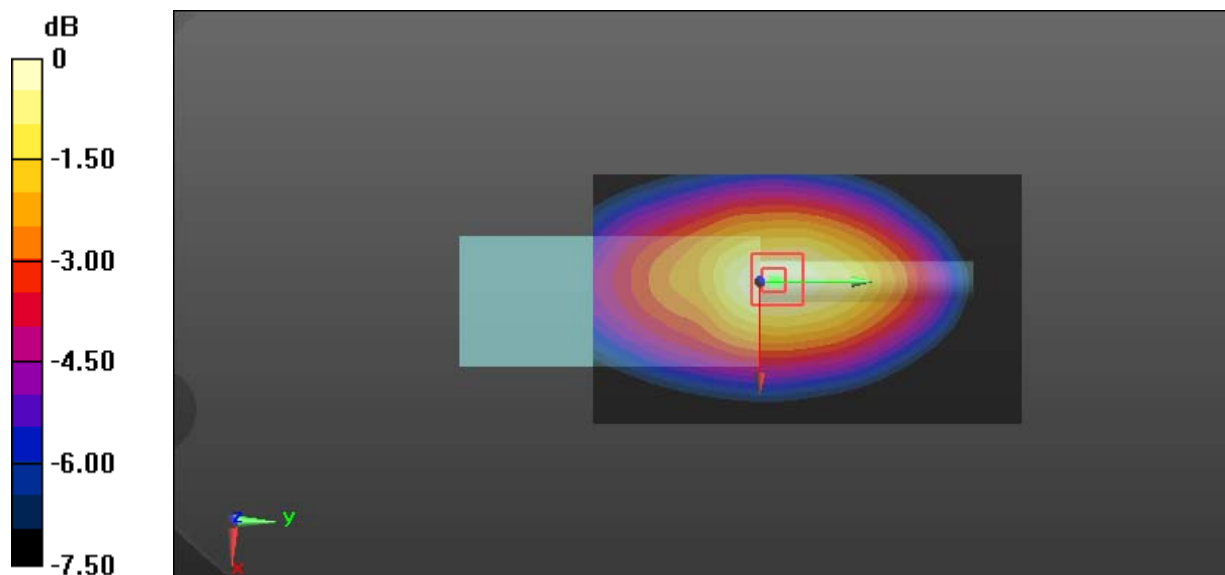Maximum value of SAR (interpolated) = 14.6 W/kg

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

Reference Value = 109.1 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 10.7 W/kg; SAR(10 g) = 7.73 W/kg

Maximum value of SAR (measured) = 14.3 W/kg

0 dB = 14.3 W/kg = 11.55 dBW/kg

Test Plot 5#: PTT_FM 12.5kHz_Body Back_417 MHz

DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920

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

Medium parameters used: f = 417 MHz; σ = 0.916 S/m; ε_r = 57.825; 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

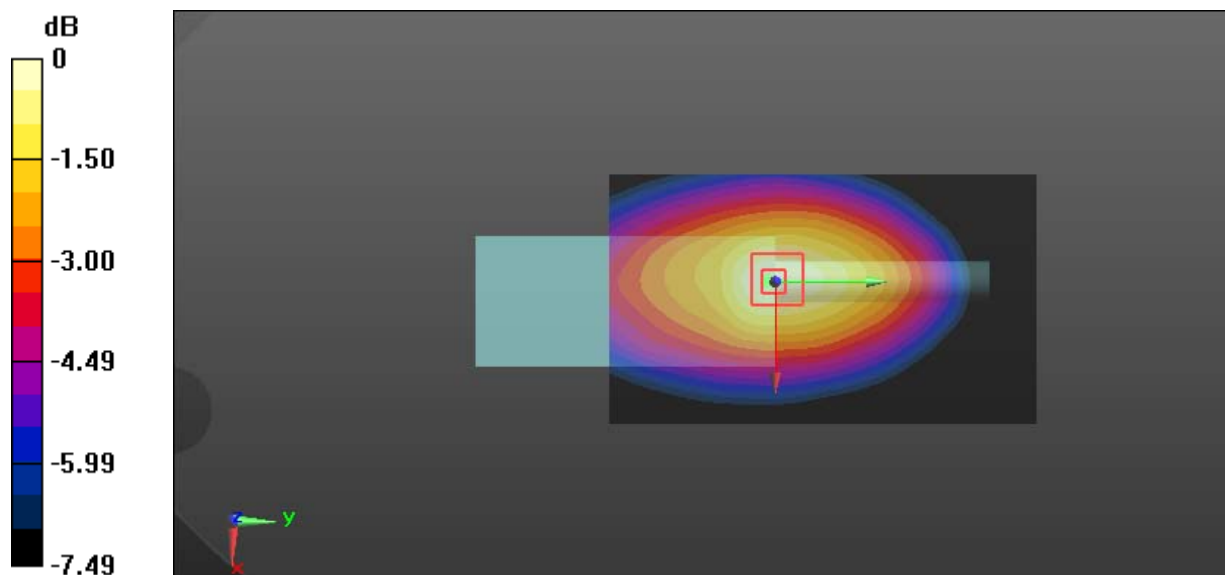Maximum value of SAR (interpolated) = 12.1 W/kg

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

Reference Value = 110.6 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 14.5 W/kg

SAR(1 g) = 9.22 W/kg; SAR(10 g) = 6.62 W/kg

Maximum value of SAR (measured) = 12.3 W/kg

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

Test Plot 6#: PTT_FM 12.5kHz_Body Back_435 MHz

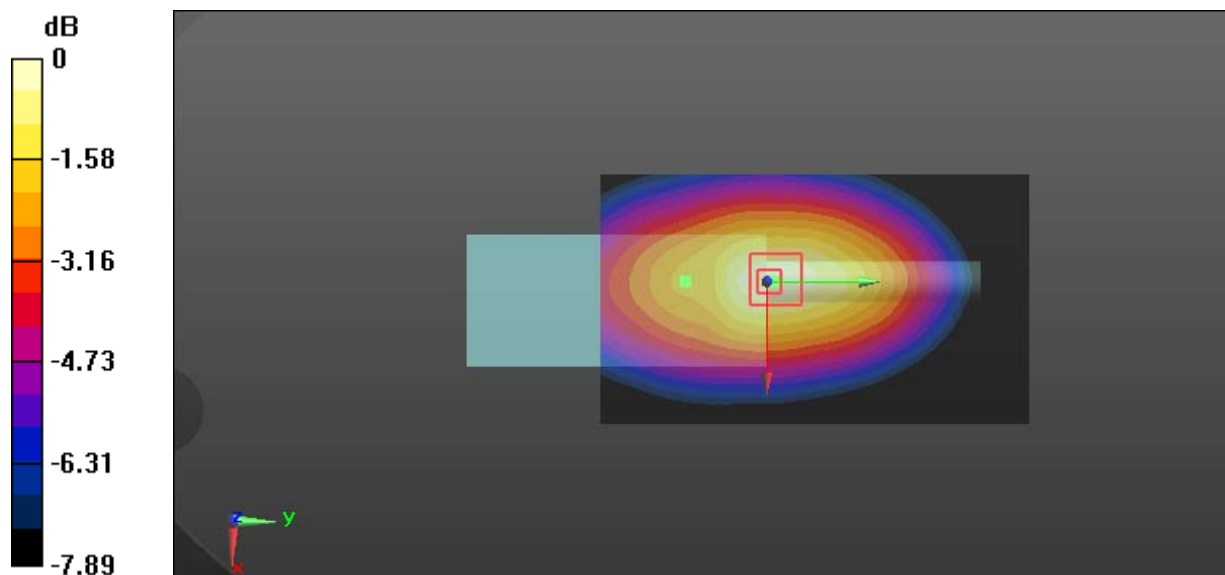**DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920**

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

Medium parameters used: f = 435 MHz; σ = 0.917 S/m; ε_r = 58.411; 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) = 8.35 W/kg

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

Reference Value = 83.76 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 10.0 W/kg

SAR(1 g) = 6.41 W/kg; SAR(10 g) = 4.55 W/kg

Maximum value of SAR (measured) = 8.53 W/kg

0 dB = 8.53 W/kg = 9.31 dBW/kg

Test Plot 7#: PTT_FM 12.5kHz_Body Back_452 MHz

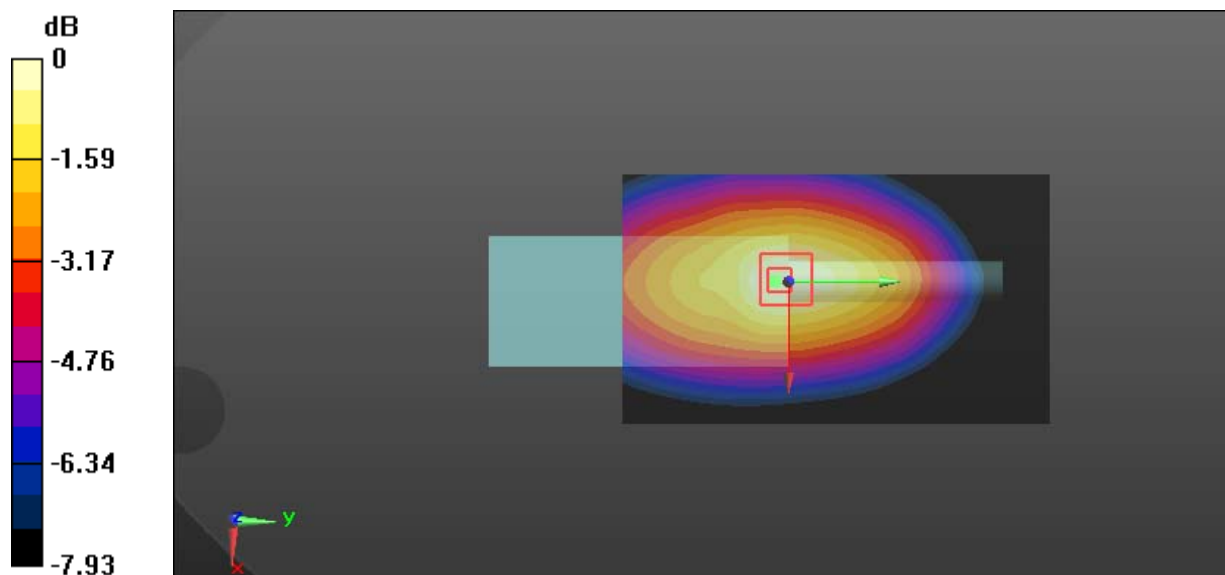**DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920**

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

Medium parameters used: f = 452 MHz; σ = 0.921 S/m; ε_r = 57.952; 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) = 10.4 W/kg

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

Reference Value = 92.20 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 7.72 W/kg; SAR(10 g) = 5.46 W/kg

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

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

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

DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920

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

Medium parameters used: f = 469.988 MHz; σ = 0.937 S/m; $ε_r$ = 57.95; 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
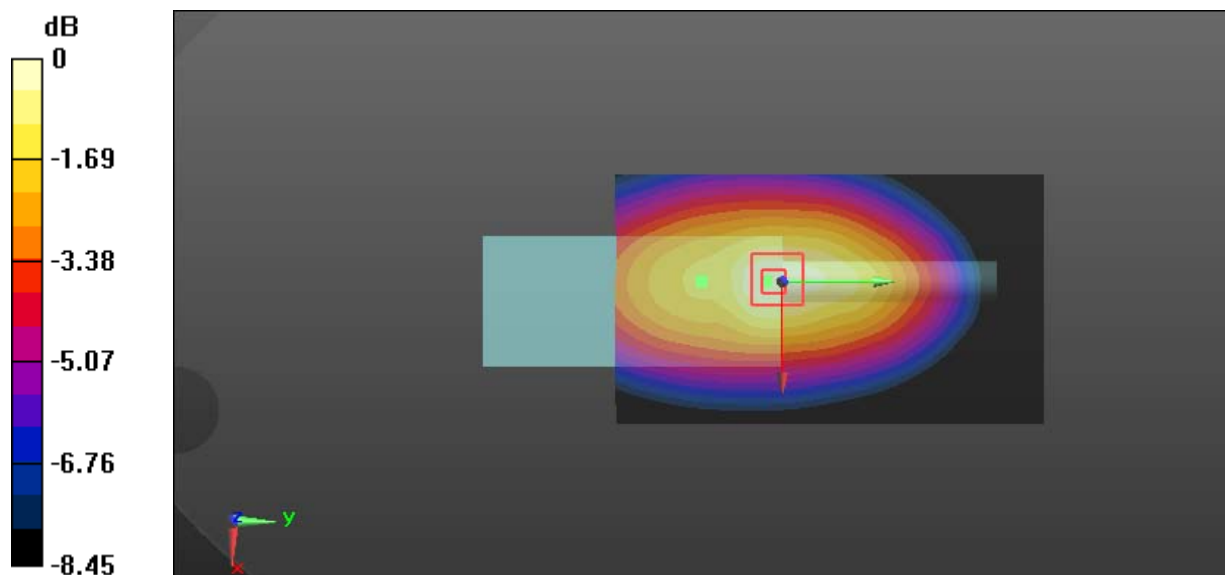
Maximum value of SAR (interpolated) = 7.73 W/kg

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

Reference Value = 78.92 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 8.83 W/kg

SAR(1 g) = 5.65 W/kg; SAR(10 g) = 3.98 W/kg

Maximum value of SAR (measured) = 7.61 W/kg

0 dB = 7.61 W/kg = 8.81 dBW/kg

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

DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920

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

Medium parameters used: f = 400.012 MHz; σ = 0.911 S/m; $ε_r$ = 58.29; 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
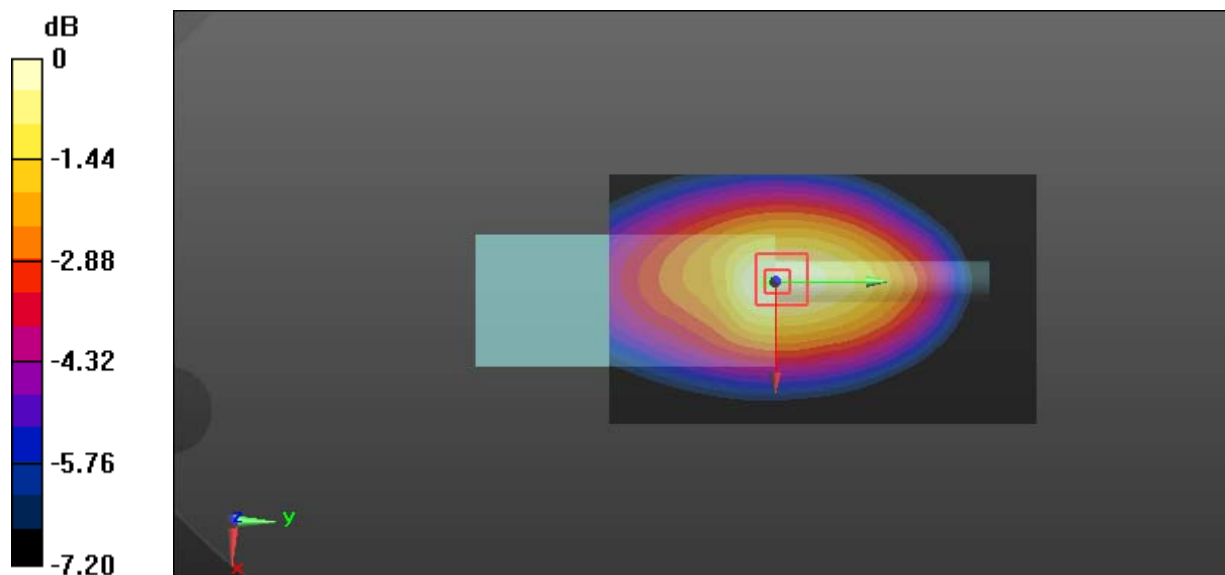
Maximum value of SAR (interpolated) = 13.7 W/kg

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

Reference Value = 108.5 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 7.64 W/kg

Maximum value of SAR (measured) = 13.5 W/kg

0 dB = 13.5 W/kg = 11.30 dBW/kg

Test Plot 10#: PTT_FM 25kHz_Body Back_417 MHz

DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920

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

Medium parameters used: f = 417 MHz; σ = 0.916 S/m; ε_r = 57.825; 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

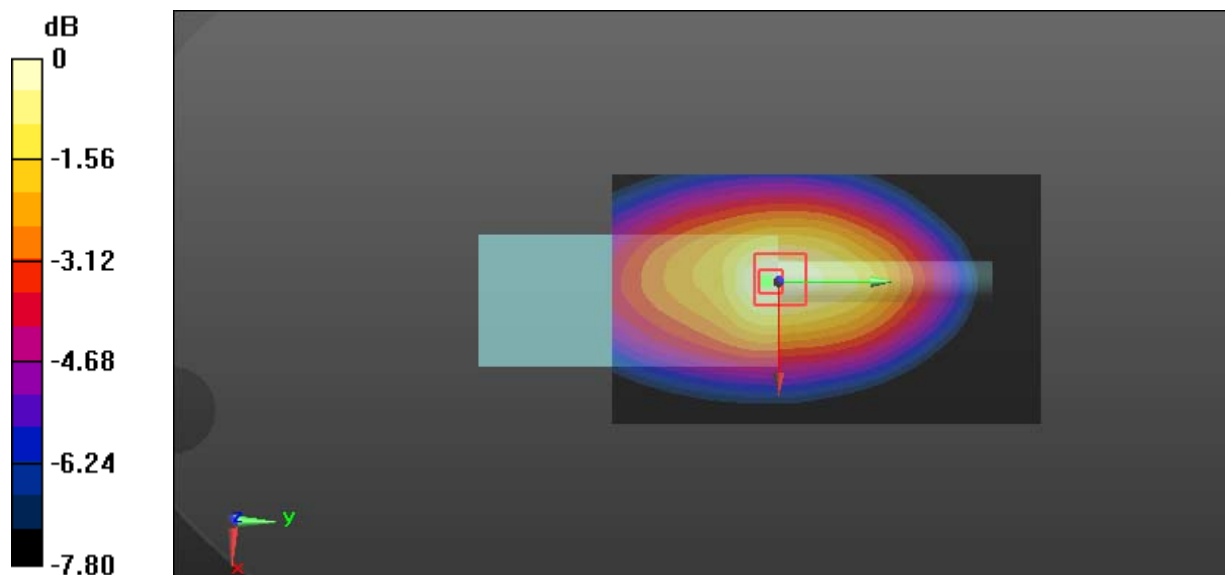Maximum value of SAR (interpolated) = 11.0 W/kg

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

Reference Value = 95.73 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 13.0 W/kg

SAR(1 g) = 8.17 W/kg; SAR(10 g) = 5.86 W/kg

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

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

Test Plot 11#: PTT_FM 25kHz_Body Back_435 MHz

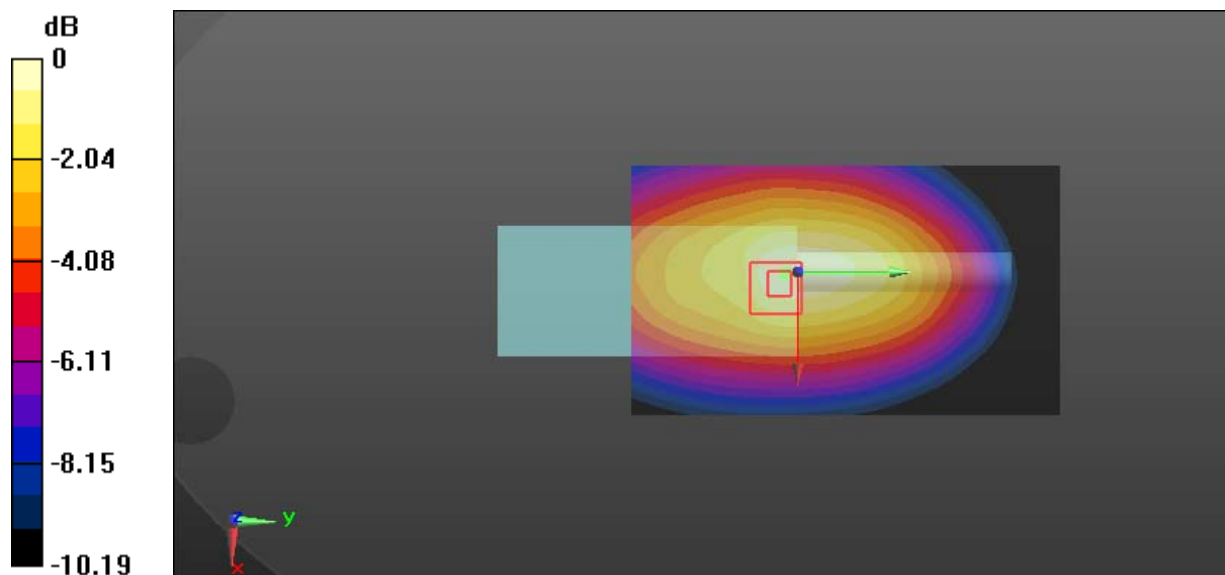**DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920**

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

Medium parameters used: f = 435 MHz; σ = 0.917 S/m; ε_r = 58.411; 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) = 8.67 W/kg

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

Reference Value = 84.63 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 10.0 W/kg

SAR(1 g) = 6.25 W/kg; SAR(10 g) = 4.16 W/kg

Maximum value of SAR (measured) = 8.60 W/kg

0 dB = 8.60 W/kg = 9.34 dBW/kg

Test Plot 12#: PTT_FM 25kHz_Body Back_452 MHz

DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920

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

Medium parameters used: f = 452 MHz; σ = 0.921 S/m; $ε_r$ = 57.952; 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

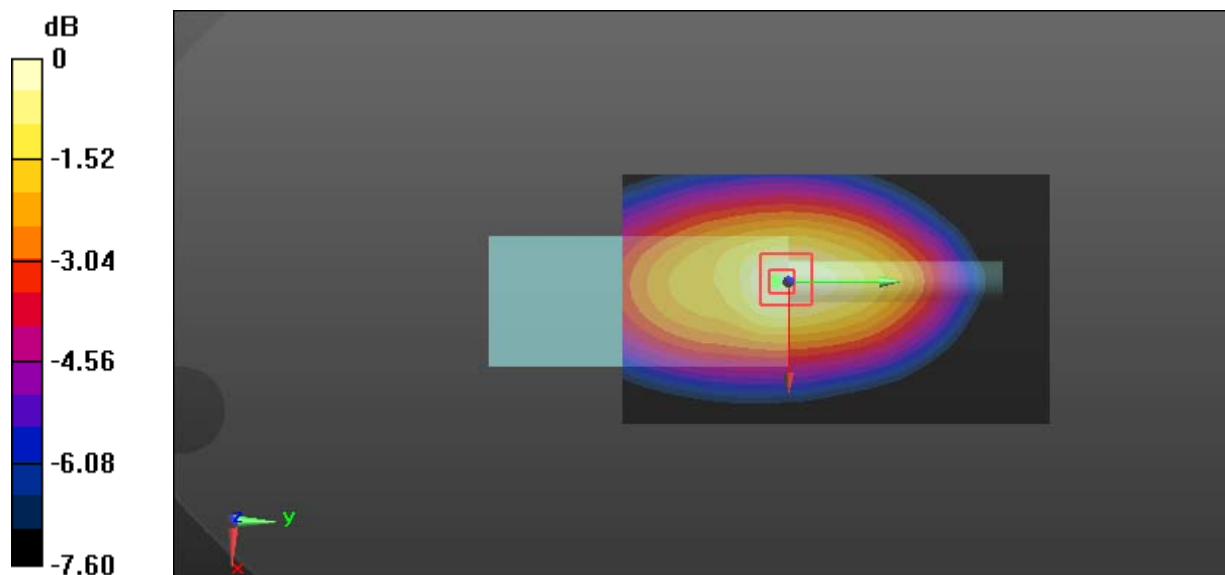Maximum value of SAR (interpolated) = 10.8 W/kg

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

Reference Value = 95.09 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 8.24 W/kg; SAR(10 g) = 5.86 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_469.9875 MHz

DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920

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

Medium parameters used: f = 469.988 MHz; σ = 0.937 S/m; ε_r = 57.95; 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

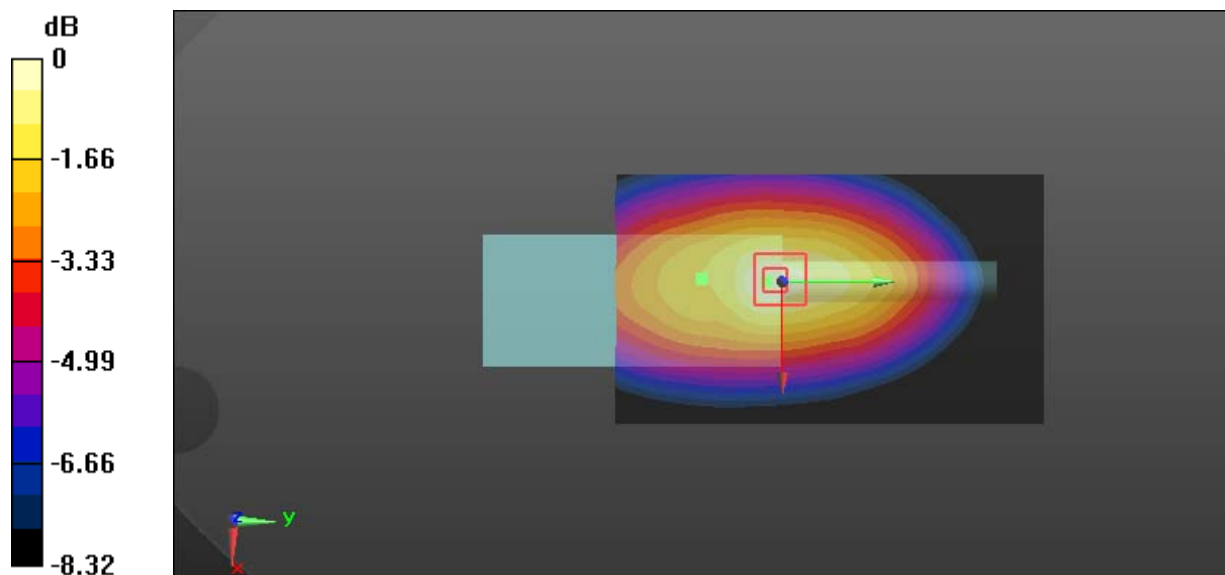Maximum value of SAR (interpolated) = 5.99 W/kg

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

Reference Value = 69.87 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 7.24 W/kg

SAR(1 g) = 4.52 W/kg; SAR(10 g) = 3.15 W/kg

Maximum value of SAR (measured) = 6.10 W/kg

0 dB = 6.10 W/kg = 7.85 dBW/kg

Test Plot 14#: PTT_4FSK 12.5kHz_Body Back_400.0125 MHz

DUT: Digital Portable Radio; Type: PD752i U(1); Serial: 18052400920

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

Medium parameters used: f = 400.012 MHz; σ = 0.911 S/m; ε_r = 58.29; 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
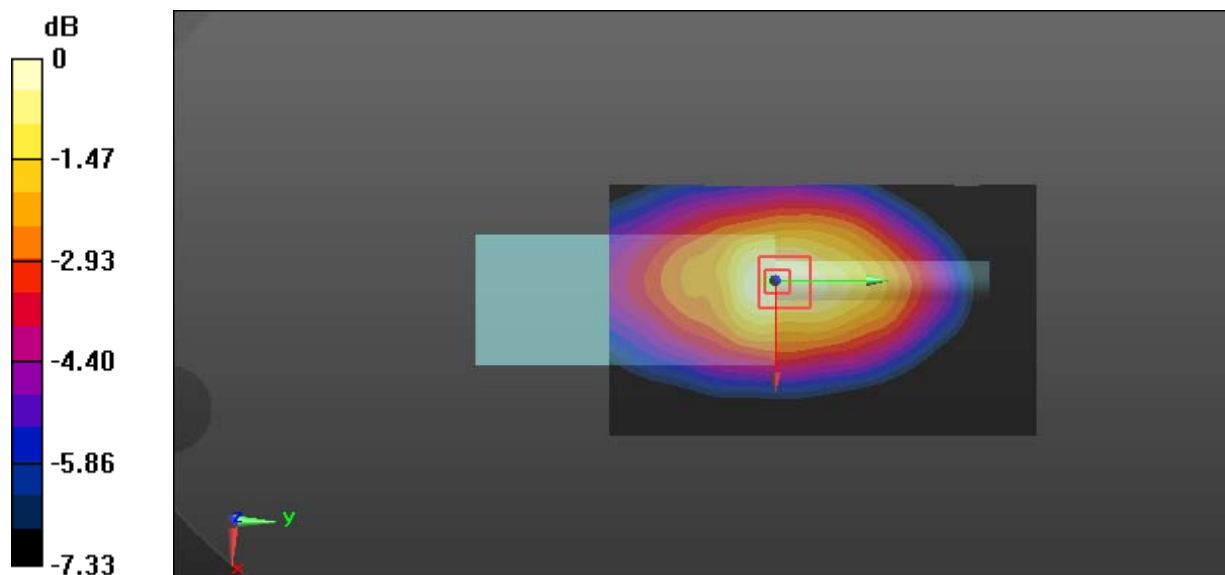
Maximum value of SAR (interpolated) = 5.93 W/kg

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

Reference Value = 68.78 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.77 W/kg

SAR(1 g) = 4.51 W/kg; SAR(10 g) = 3.27 W/kg

Maximum value of SAR (measured) = 5.93 W/kg

0 dB = 5.93 W/kg = 7.73 dBW/kg