

Test Plot 1#: PTT_FM 12.5kHz_Face Up_503 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

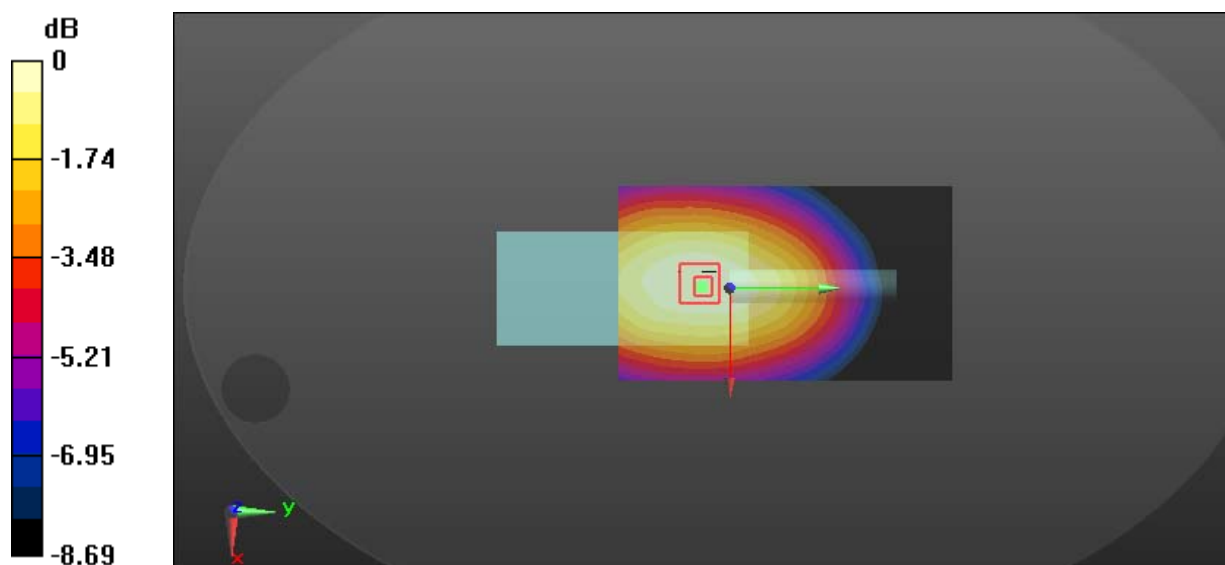
Communication System: FM; Frequency: 503 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 503 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 42.621$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.69 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 81.82 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 8.84 W/kg **SAR(1 g) = 5.73 W/kg ; SAR(10 g) = 4.18 W/kg** Maximum value of SAR (measured) = 7.56 W/kg 0 dB = 7.56 W/kg = 8.79 dBW/kg

Test Plot 2#: PTT_FM 25kHz_Face Up_503 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

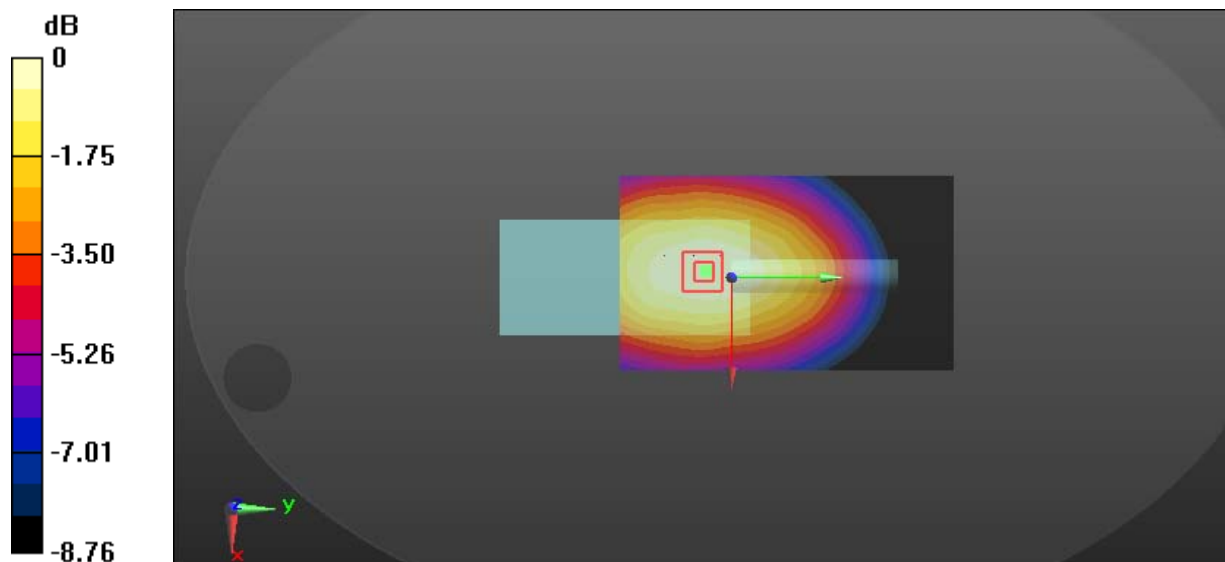
Communication System: FM; Frequency: 503 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 503 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 42.621$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.30 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 80.67 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 8.70 W/kg **SAR(1 g) = 5.64 W/kg ; SAR(10 g) = 4.11 W/kg** Maximum value of SAR (measured) = 7.44 W/kg  $0 \text{ dB} = 7.44 \text{ W/kg} = 8.72 \text{ dBW/kg}$

Test Plot 3#: PTT_4FSK 12.5kHz_Face Up_503 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

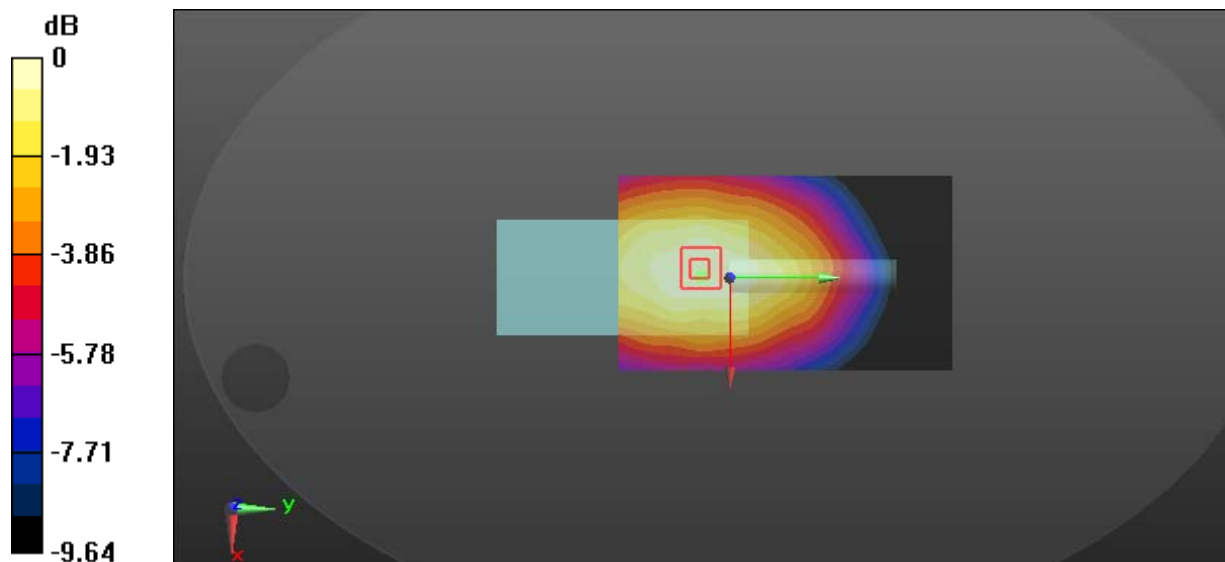
Communication System: 4FSK; Frequency: 503 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 503 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 42.621$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.56 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 54.94 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 4.21 W/kg **SAR(1 g) = 2.67 W/kg ; SAR(10 g) = 1.96 W/kg** Maximum value of SAR (measured) = 3.58 W/kg  $0 \text{ dB} = 3.58 \text{ W/kg} = 5.54 \text{ dBW/kg}$

Test Plot 4#: PTT_FM 12.5kHz_Body Back_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 56.328$; $\rho = 1000$ 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) = 10.0 W/kg

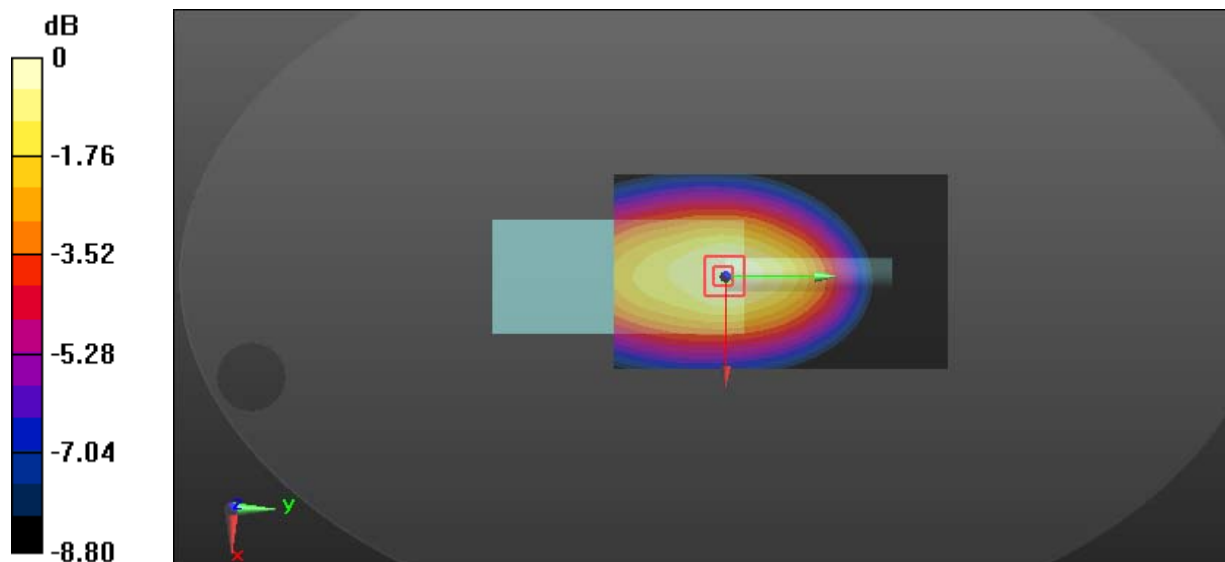
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 93.78 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 11.4 W/kg

SAR(1 g) = 7.55 W/kg; SAR(10 g) = 5.4 W/kg

Maximum value of SAR (measured) = 9.82 W/kg



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

Test Plot 5#: PTT_FM 12.5kHz_Body Back_468 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

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

Medium parameters used: $f = 468$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 56.258$; $\rho = 1000$ 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) = 9.80 W/kg

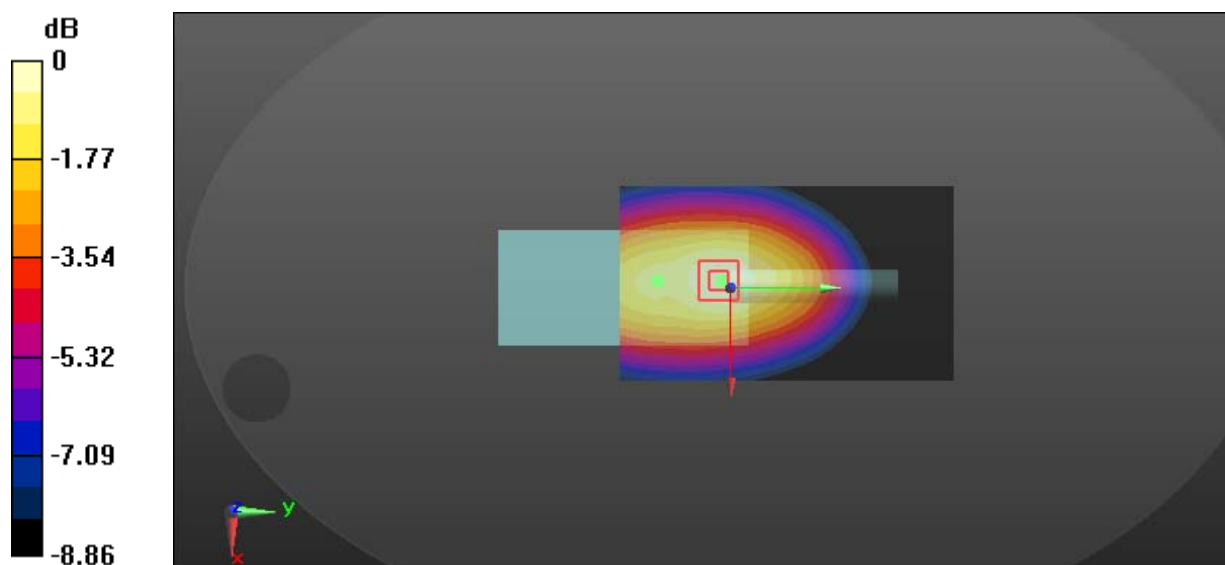
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 91.00 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 11.4 W/kg

SAR(1 g) = 7.45 W/kg; SAR(10 g) = 5.33 W/kg

Maximum value of SAR (measured) = 9.80 W/kg



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

Test Plot 6#: PTT_FM 12.5kHz_Body Back_485 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

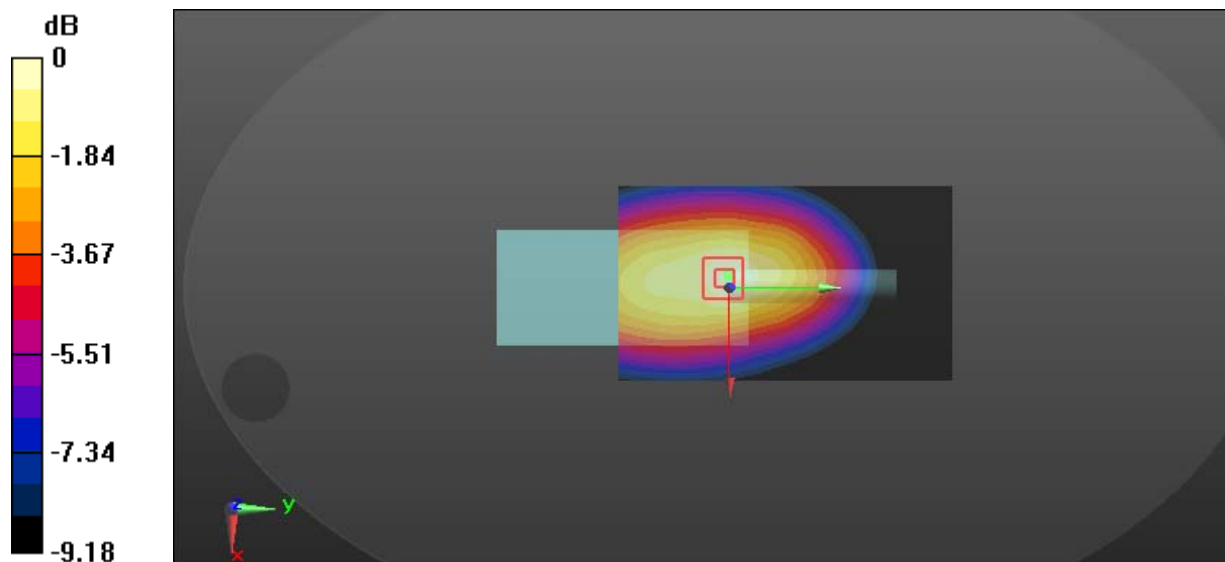
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.956 \text{ S/m}$; $\epsilon_r = 56.126$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 10.1 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 87.66 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 12.2 W/kg **SAR(1 g) = 7.47 W/kg ; SAR(10 g) = 5.27 W/kg** Maximum value of SAR (measured) = 10.1 W/kg  $0 \text{ dB} = 10.1 \text{ W/kg} = 10.04 \text{ dBW/kg}$

Test Plot 7#: PTT_FM 12.5kHz_Body Back_503 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

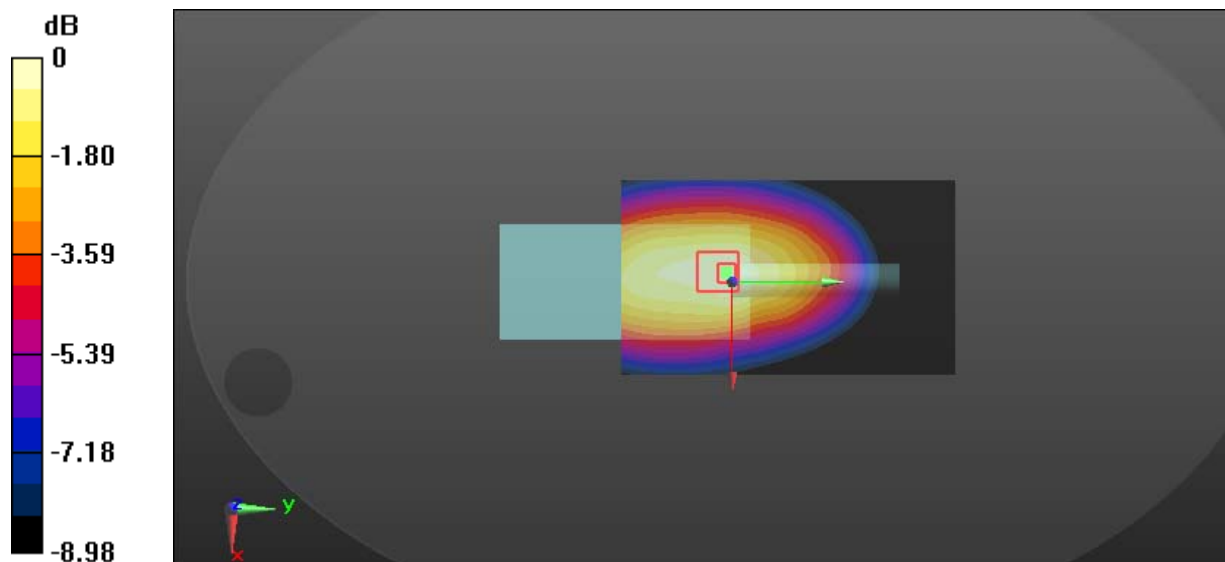
Communication System: FM; Frequency: 503 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 503 \text{ MHz}$; $\sigma = 0.963 \text{ S/m}$; $\epsilon_r = 56.031$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 10.7 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 91.57 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 12.7 W/kg **SAR(1 g) = 7.98 W/kg ; SAR(10 g) = 5.72 W/kg** Maximum value of SAR (measured) = 10.7 W/kg  $0 \text{ dB} = 10.7 \text{ W/kg} = 10.29 \text{ dBW/kg}$

Test Plot 8#: PTT_FM 12.5kHz_Body Back_511.9875 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

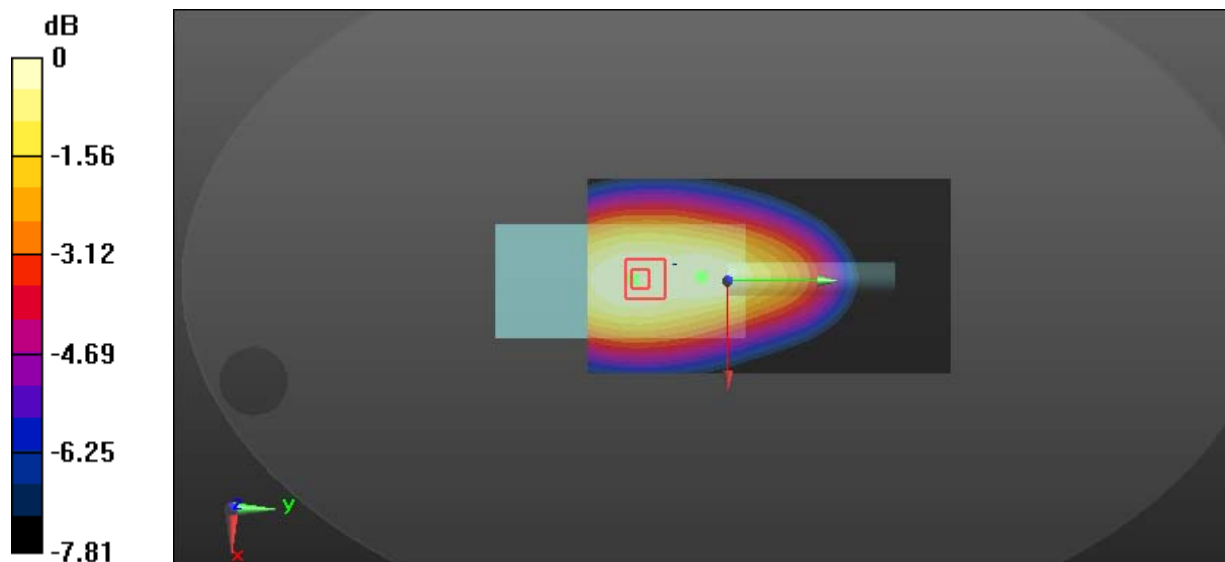
Communication System: FM; Frequency: 511.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 511.988 \text{ MHz}$; $\sigma = 0.975 \text{ S/m}$; $\epsilon_r = 55.292$; $\rho = 1000 \text{ kg/m}^3$

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 (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.98 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 71.39 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 7.73 W/kg **SAR(1 g) = 5.43 W/kg ; SAR(10 g) = 4.09 W/kg** Maximum value of SAR (measured) = 6.84 W/kg  $0 \text{ dB} = 6.84 \text{ W/kg} = 8.35 \text{ dBW/kg}$

Test Plot 9#: PTT_FM 25kHz_Body Back_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 56.328$; $\rho = 1000$ 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) = 10.4 W/kg

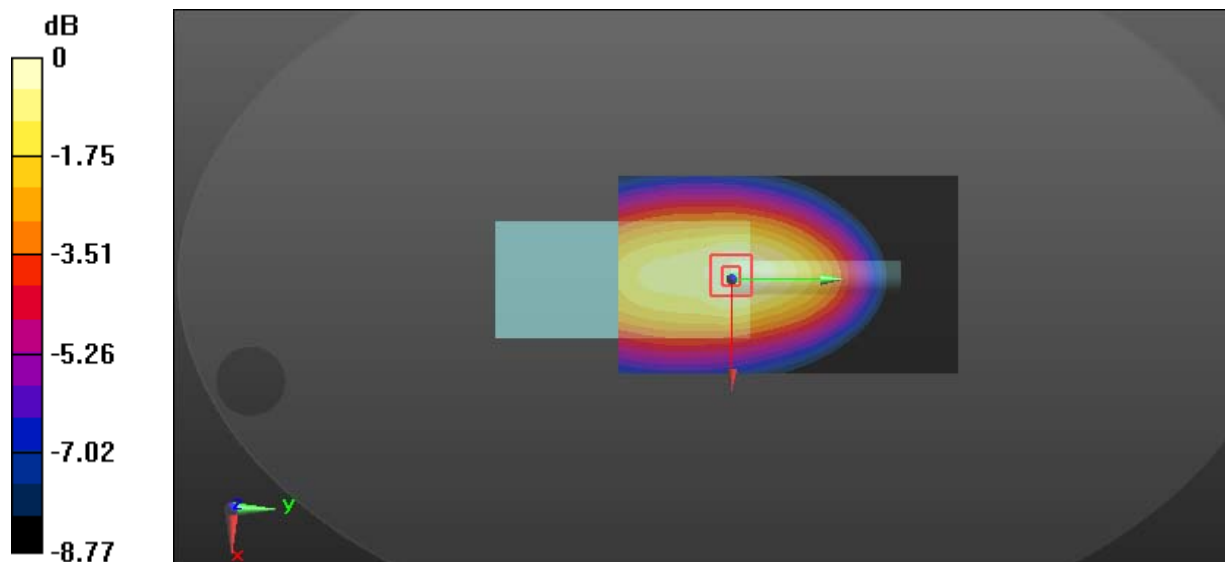
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.68 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 7.69 W/kg; SAR(10 g) = 5.52 W/kg

Maximum value of SAR (measured) = 10.0 W/kg



0 dB = 10.0 W/kg = 10.00 dBW/kg

Test Plot 10#: PTT_FM 25kHz_Body Back_468 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

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

Medium parameters used: $f = 468$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 56.258$; $\rho = 1000$ 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) = 9.96 W/kg

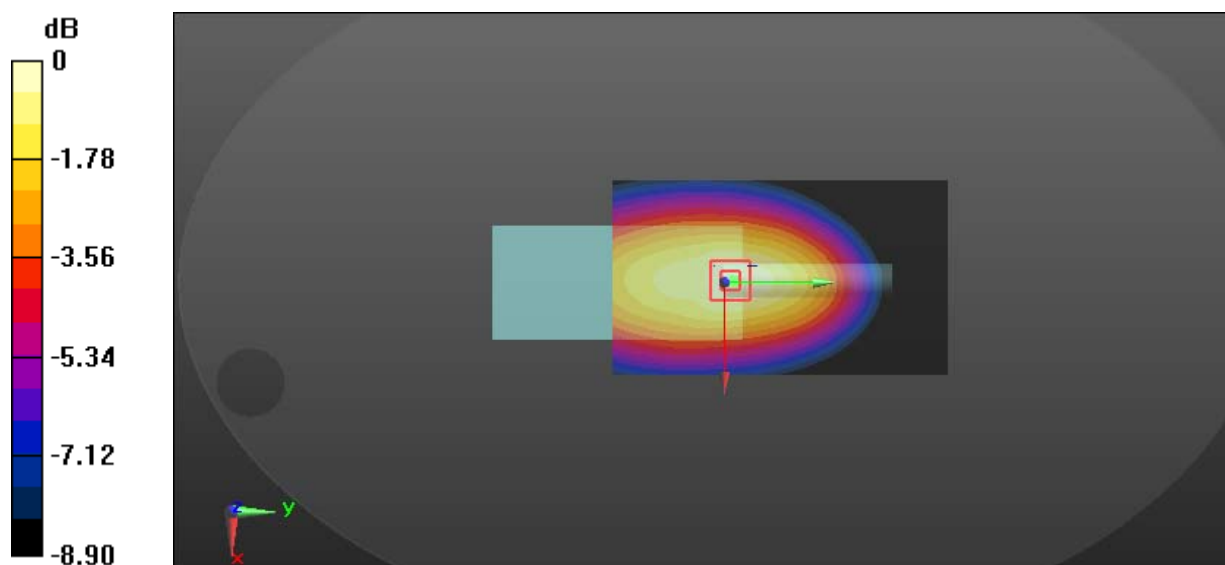
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 92.00 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 7.61 W/kg; SAR(10 g) = 5.45 W/kg

Maximum value of SAR (measured) = 10.0 W/kg



0 dB = 10.0 W/kg = 10.00 dBW/kg

Test Plot 11#: PTT_FM 25kHz_Body Back_485 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

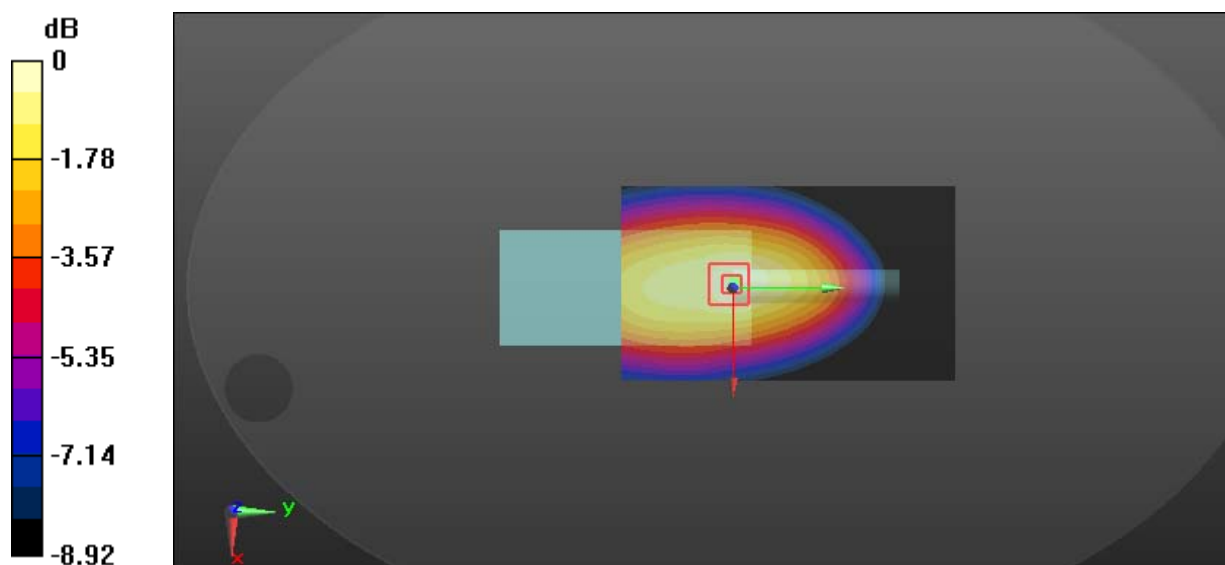
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.956 \text{ S/m}$; $\epsilon_r = 56.126$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.46 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 88.99 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 11.0 W/kg **SAR(1 g) = 7.19 W/kg ; SAR(10 g) = 5.15 W/kg** Maximum value of SAR (measured) = 9.46 W/kg  $0 \text{ dB} = 9.46 \text{ W/kg} = 9.76 \text{ dBW/kg}$

Test Plot 12#: PTT_FM 25kHz_Body Back_503 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

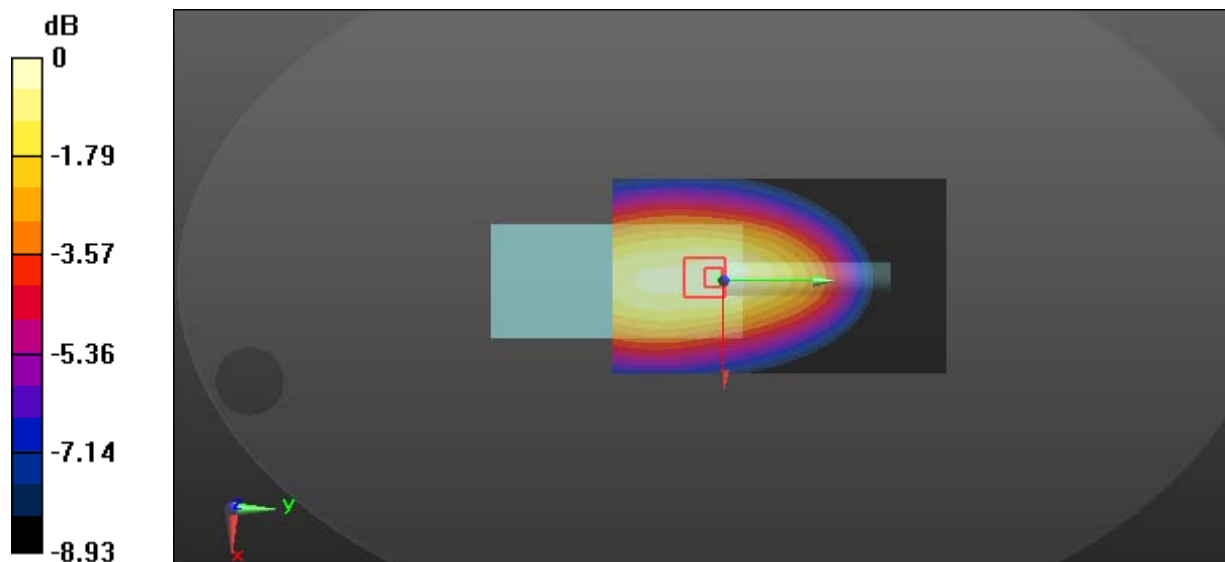
Communication System: FM; Frequency: 503 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 503 \text{ MHz}$; $\sigma = 0.963 \text{ S/m}$; $\epsilon_r = 56.031$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 10.3 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 91.89 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 12.1 W/kg **SAR(1 g) = 7.81 W/kg ; SAR(10 g) = 5.61 W/kg** Maximum value of SAR (measured) = 10.3 W/kg  $0 \text{ dB} = 10.3 \text{ W/kg} = 10.13 \text{ dBW/kg}$

Test Plot 13#: PTT_FM 25kHz_Body Back_511.9875 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

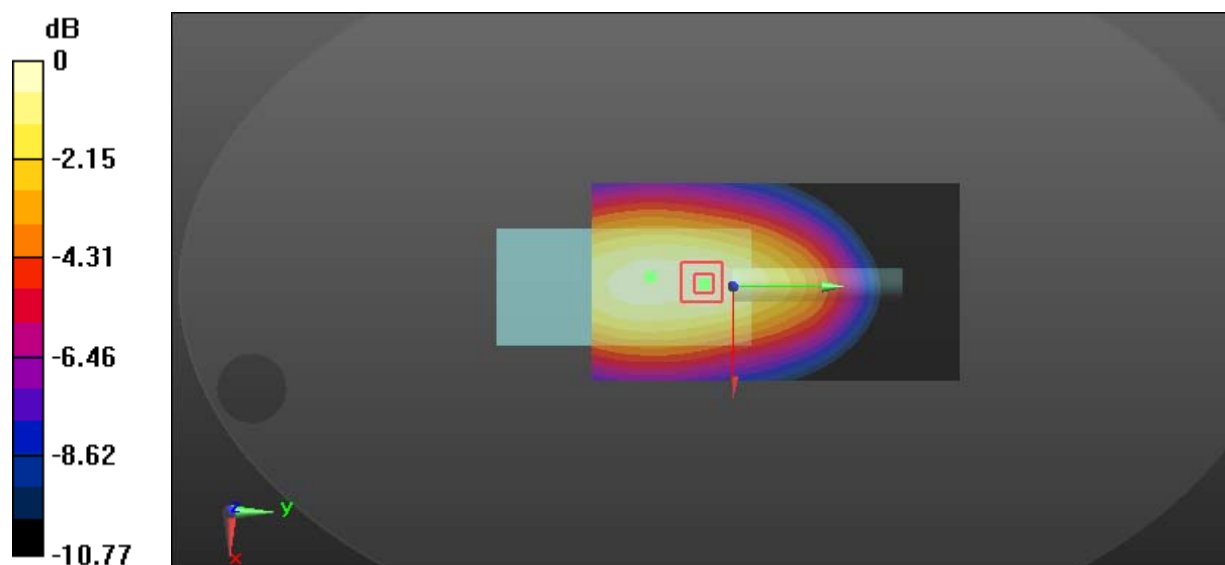
Communication System: FM; Frequency: 511.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 511.988 \text{ MHz}$; $\sigma = 0.975 \text{ S/m}$; $\epsilon_r = 55.292$; $\rho = 1000 \text{ kg/m}^3$

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 (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.63 W/kg **Zoom Scan (5x8x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 74.32 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 9.10 W/kg **SAR(1 g) = 5.71 W/kg ; SAR(10 g) = 4.12 W/kg** Maximum value of SAR (measured) = 7.73 W/kg  $0 \text{ dB} = 7.73 \text{ W/kg} = 8.88 \text{ dBW/kg}$

Test Plot 14#: PTT_4FSK 12.5kHz_Body Back_503 MHz**DUT: Digital Poratable Radio; Type: PD752I U(2); Serial: 17120701420**

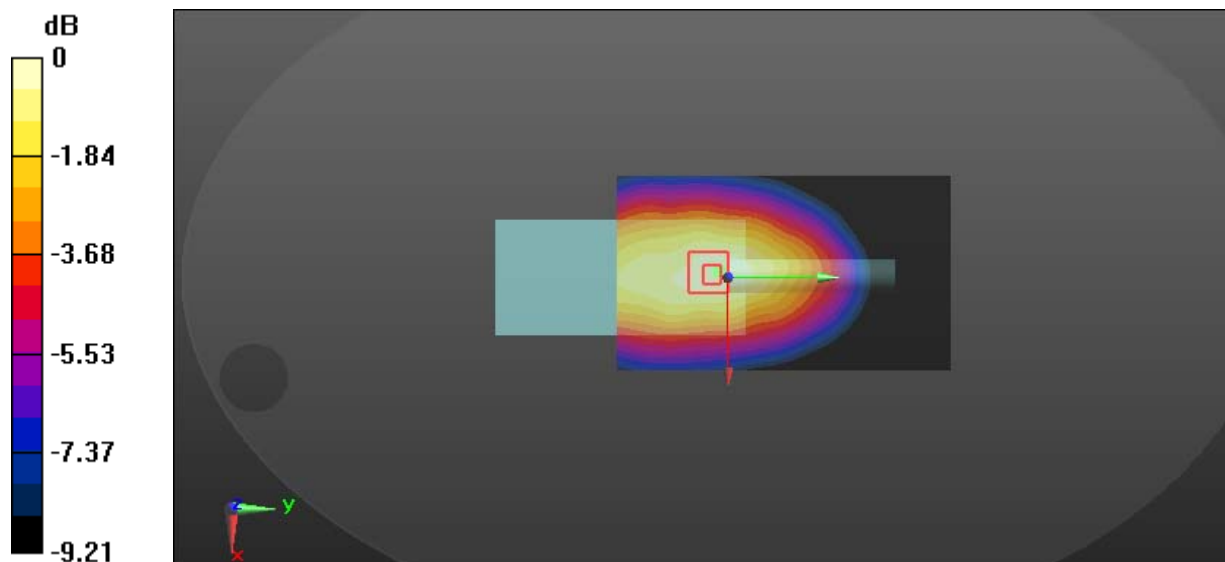
Communication System: 4FSK; Frequency: 503 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 503 \text{ MHz}$; $\sigma = 0.963 \text{ S/m}$; $\epsilon_r = 56.031$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.47 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 66.61 V/m ; Power Drift = 0.16 dB Peak SAR (extrapolated) = 6.59 W/kg **SAR(1 g) = 4.3 W/kg ; SAR(10 g) = 3.08 W/kg** Maximum value of SAR (measured) = 5.69 W/kg  $0 \text{ dB} = 5.69 \text{ W/kg} = 7.55 \text{ dBW/kg}$