

Test Plot 1#: PTT_FM 12.5KHz_Face Up_164 MHz_DM-5R**DUT: VHF/UHF Two Way Radio; Type: DM-5R; Serial: 16091805221**

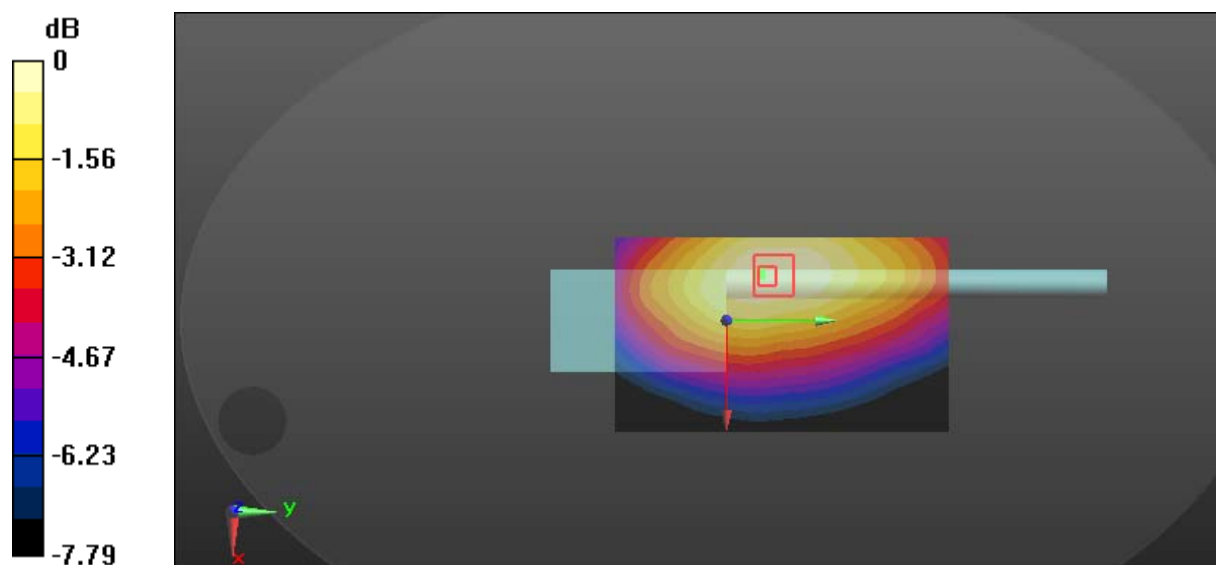
Communication System: FM; Frequency: 164 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 51.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 2.54 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 47.04 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 3.10 W/kg **SAR(1 g) = 1.94 W/kg ; SAR(10 g) = 1.45 W/kg** Maximum value of SAR (measured) = 2.57 W/kg  $0 \text{ dB} = 2.57 \text{ W/kg} = 4.10 \text{ dBW/kg}$

Test Plot 2#: PTT_FM 12.5KHz_Face Up_164 MHz_DMR-5RA**DUT: VHF/UHF Two Way Radio; Type: DMR-5RA; Serial: 16091805222**

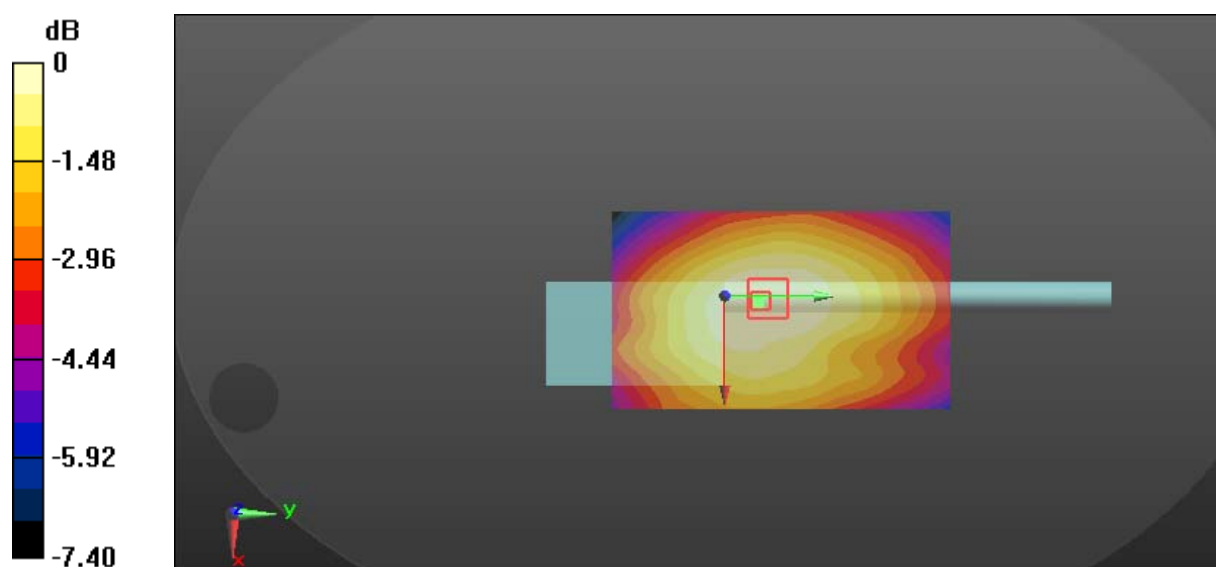
Communication System: FM; Frequency: 164 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 51.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 2.40 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 58.24 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 2.73 W/kg **SAR(1 g) = 1.73 W/kg ; SAR(10 g) = 1.32 W/kg** Maximum value of SAR (measured) = 2.29 W/kg  $0 \text{ dB} = 2.29 \text{ W/kg} = 3.60 \text{ dBW/kg}$

Test Plot 3#: PTT_FM 12.5KHz_Face Up_164 MHz_DMR-5RB**DUT: VHF/UHF Two Way Radio; Type: DMR-5RB; Serial: 16091805223**

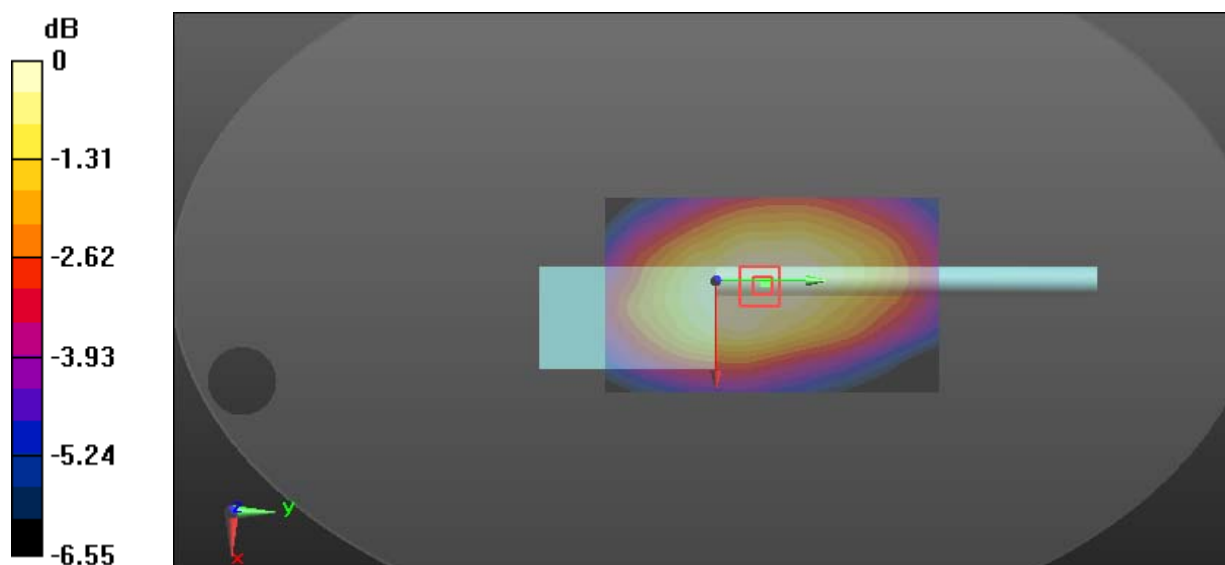
Communication System: FM; Frequency: 164 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 51.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 3.39 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 48.65 V/m ; Power Drift = 0.03 dB Peak SAR (extrapolated) = 3.93 W/kg **SAR(1 g) = 2.52 W/kg ; SAR(10 g) = 1.96 W/kg** Maximum value of SAR (measured) = 3.26 W/kg  $0 \text{ dB} = 3.26 \text{ W/kg} = 5.13 \text{ dBW/kg}$

Test Plot 4#: PTT_FM 12.5KHz_Face Up_164 MHz_DMR-5RC**DUT: VHF/UHF Two Way Radio; Type: DMR-5RC; Serial: 16091805224**

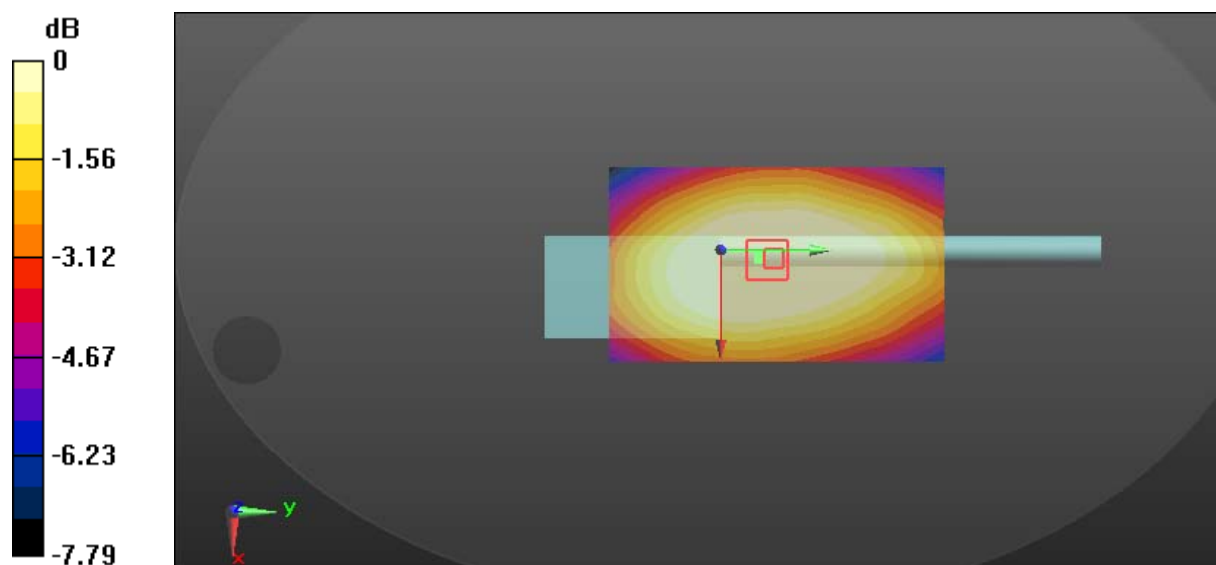
Communication System: FM; Frequency: 164 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 51.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 2.71 W/kg **Zoom Scan (8x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 58.56 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 3.32 W/kg **SAR(1 g) = 2.14 W/kg ; SAR(10 g) = 1.62 W/kg** Maximum value of SAR (measured) = 2.83 W/kg  $0 \text{ dB} = 2.83 \text{ W/kg} = 4.52 \text{ dBW/kg}$

Test Plot 5#: PTT_FM 12.5KHz_Face Up_136.0125 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.772$ S/m; $\epsilon_r = 52.55$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 0.730 W/kg

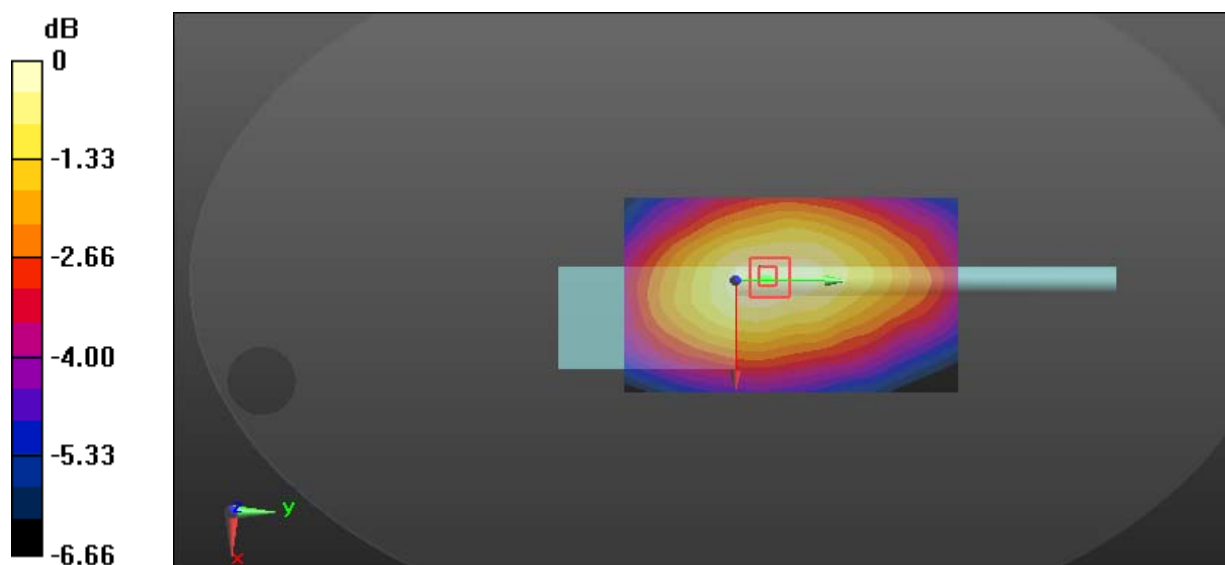
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.48 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.890 W/kg

SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.430 W/kg

Maximum value of SAR (measured) = 0.736 W/kg



0 dB = 0.736 W/kg = -1.33 dBW/kg

Test Plot 6#: PTT_FM 12.5KHz_Face Up_144 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

Communication System: FM; Frequency: 144 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144$ MHz; $\sigma = 0.769$ S/m; $\epsilon_r = 52.516$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 1.76 W/kg

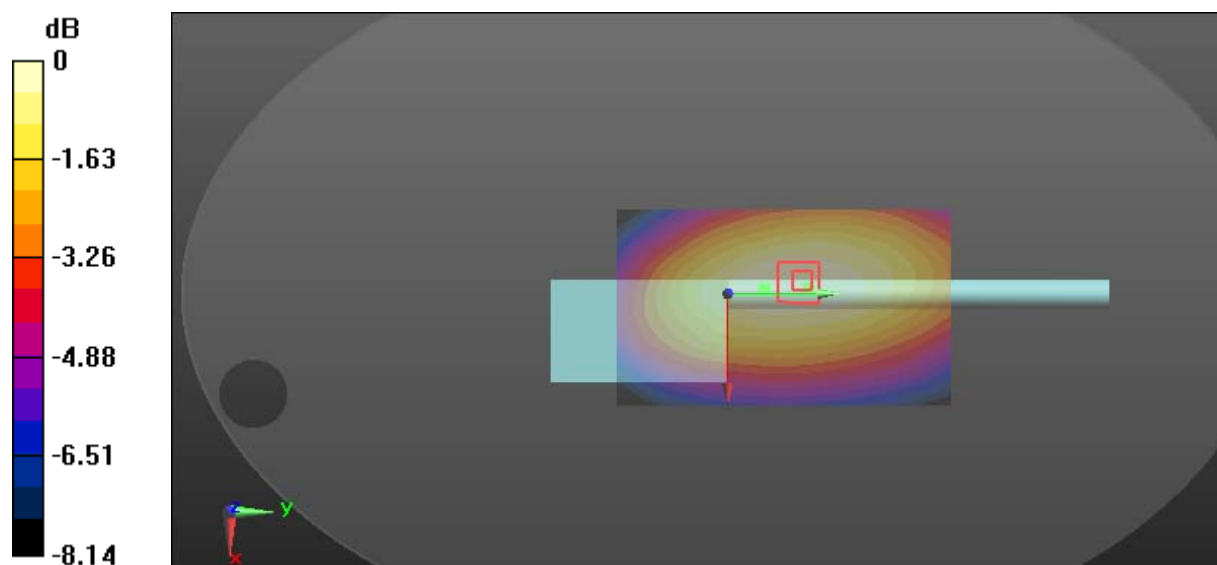
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.13 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 4.29 W/kg

SAR(1 g) = 1.56 W/kg; SAR(10 g) = 0.880 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.73 W/kg = 2.38 dBW/kg

Test Plot 7#: PTT_FM 12.5KHz_Face Up_155 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

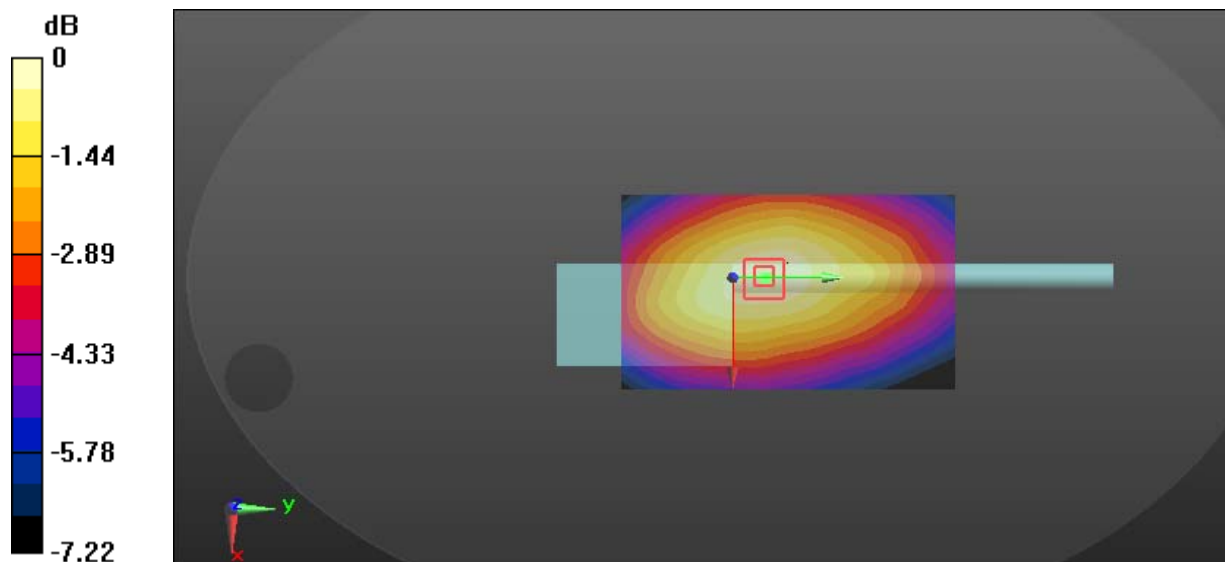
Communication System: FM; Frequency: 155 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 155 \text{ MHz}$; $\sigma = 0.774 \text{ S/m}$; $\epsilon_r = 52.301$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 2.97 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 61.89 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 3.54 W/kg **SAR(1 g) = 2.23 W/kg ; SAR(10 g) = 1.68 W/kg** Maximum value of SAR (measured) = 2.94 W/kg  $0 \text{ dB} = 2.94 \text{ W/kg} = 4.68 \text{ dBW/kg}$

Test Plot 8#: PTT_FM 12.5KHz_Face Up_164 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

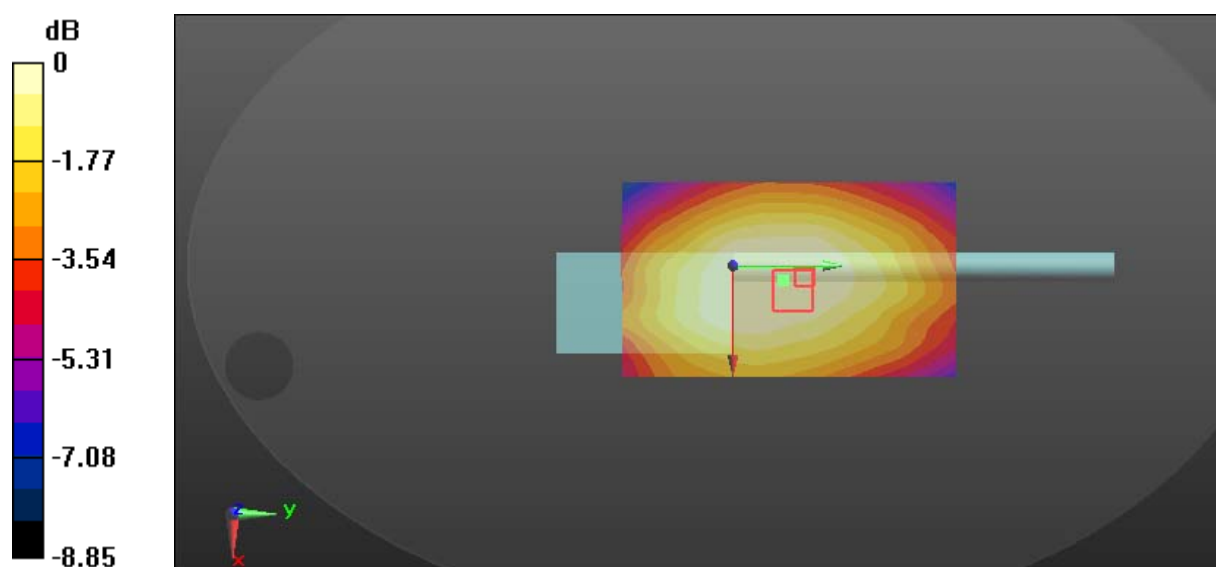
Communication System: FM; Frequency: 164 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 51.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 3.63 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 56.83 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 8.78 W/kg **SAR(1 g) = 2.75 W/kg ; SAR(10 g) = 1.57 W/kg** Maximum value of SAR (measured) = 3.42 W/kg  $0 \text{ dB} = 3.42 \text{ W/kg} = 5.34 \text{ dBW/kg}$

Test Plot 9#: PTT_FM 12.5KHz_Face Up_173.9875 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

Communication System: FM; Frequency: 173.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 173.988 \text{ MHz}$; $\sigma = 0.793 \text{ S/m}$; $\epsilon_r = 50.501$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 1.86 W/kg

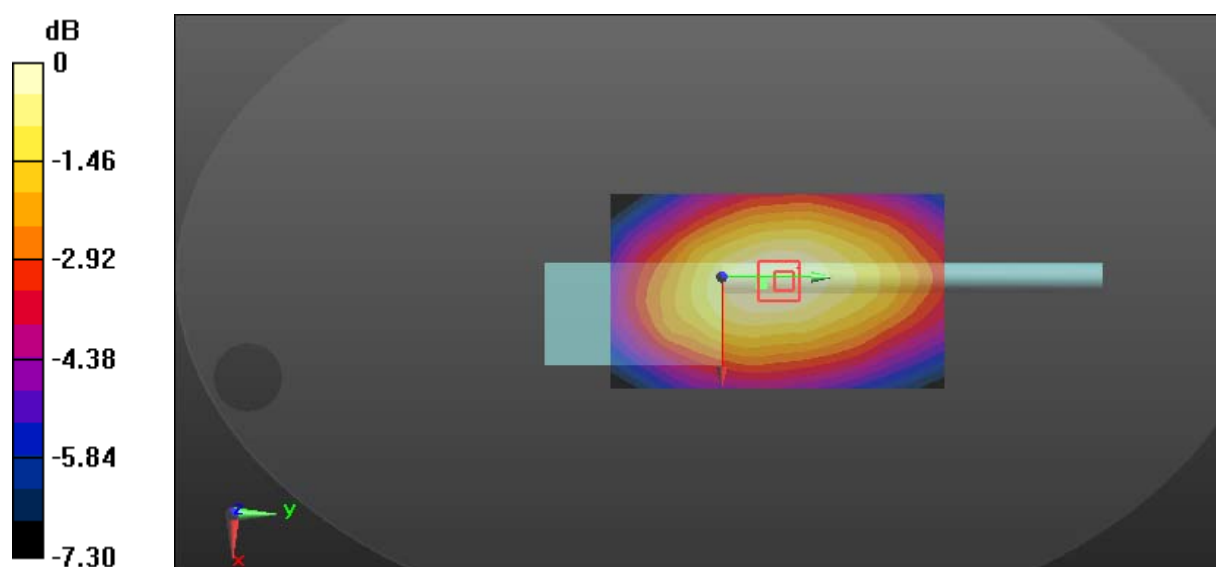
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 43.48 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 1.39 W/kg; SAR(10 g) = 1.05 W/kg

Maximum value of SAR (measured) = 1.82 W/kg

 $0 \text{ dB} = 1.82 \text{ W/kg} = 2.60 \text{ dBW/kg}$

Test Plot 10#: PTT_FM 12.5KHz_Face Up_164 MHz_GT-3 DMR**DUT: VHF/UHF Two Way Radio; Type: GT-3 DMR; Serial: 16091805226**

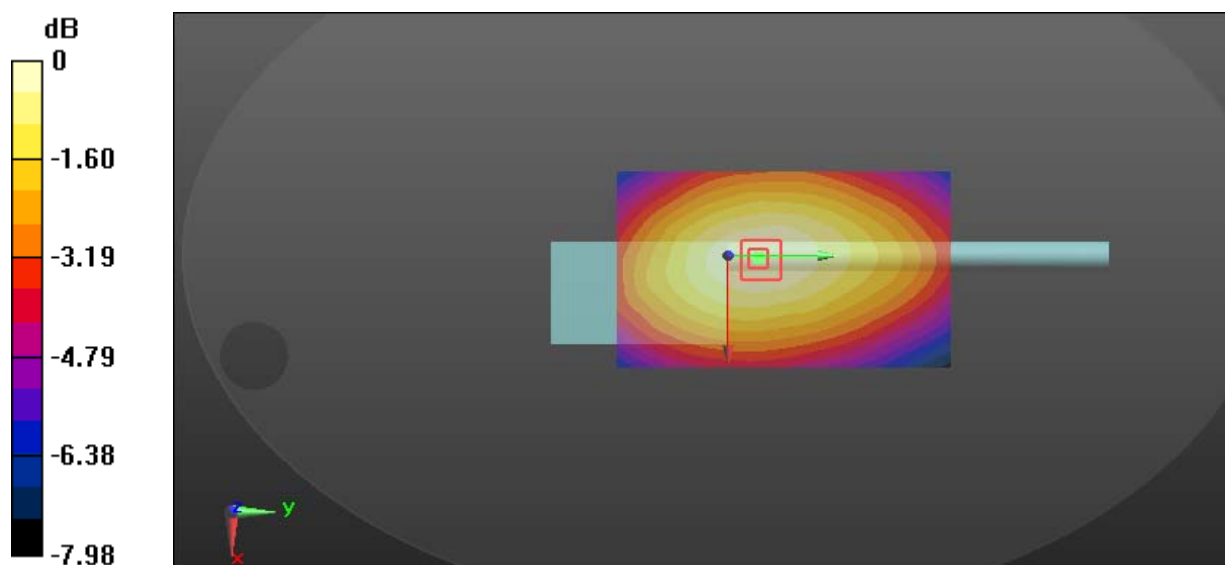
Communication System: FM; Frequency: 164 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 51.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 3.50 W/kg **Zoom Scan (8x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 55.34 V/m ; Power Drift = -0.19 dB Peak SAR (extrapolated) = 4.04 W/kg **SAR(1 g) = 2.57 W/kg ; SAR(10 g) = 1.96 W/kg** Maximum value of SAR (measured) = 3.39 W/kg  $0 \text{ dB} = 3.39 \text{ W/kg} = 5.30 \text{ dBW/kg}$

Test Plot 11#: PTT_FM 12.5KHz_Body Back_155 MHz_DM-5R**DUT: VHF/UHF Two Way Radio; Type: DM-5R; Serial: 16091805221**

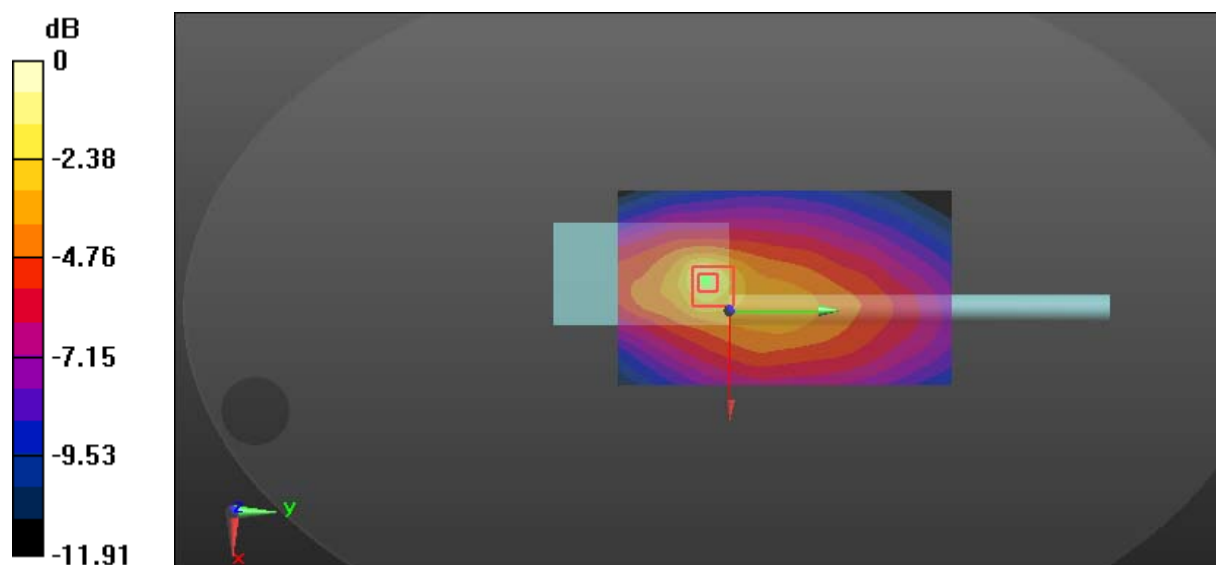
Communication System: FM; Frequency: 155 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 155 \text{ MHz}$; $\sigma = 0.824 \text{ S/m}$; $\epsilon_r = 60.326$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 3.22 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 41.50 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 6.45 W/kg **SAR(1 g) = 2.04 W/kg ; SAR(10 g) = 1.21 W/kg** Maximum value of SAR (measured) = 3.95 W/kg  $0 \text{ dB} = 3.95 \text{ W/kg} = 5.97 \text{ dBW/kg}$

Test Plot 12#: PTT_FM 12.5KHz_Body Back_155 MHz_DMR-5RA**DUT: VHF/UHF Two Way Radio; Type: DMR-5RA; Serial: 16091805222**

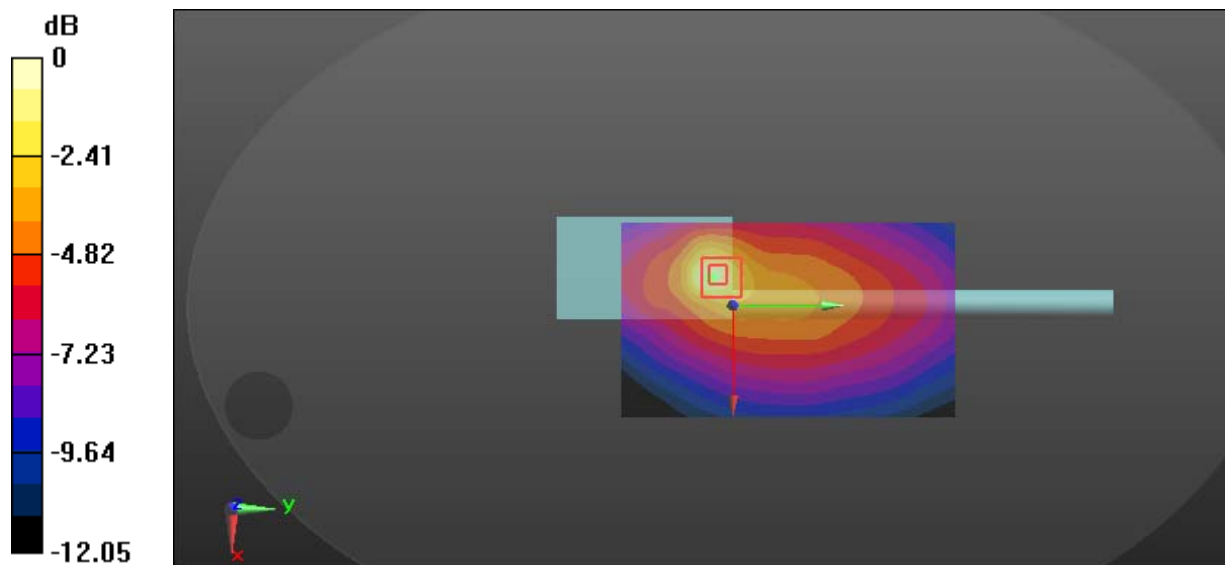
Communication System: FM; Frequency: 155 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 155 \text{ MHz}$; $\sigma = 0.824 \text{ S/m}$; $\epsilon_r = 60.326$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 4.43 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 45.35 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 8.71 W/kg **SAR(1 g) = 2.61 W/kg ; SAR(10 g) = 1.46 W/kg** Maximum value of SAR (measured) = 4.62 W/kg 0 dB = 4.62 W/kg = 6.65 dBW/kg

Test Plot 13#: PTT_FM 12.5KHz_Body Back_155 MHz_DMR-5RB**DUT: VHF/UHF Two Way Radio; Type: DMR-5RB; Serial: 16091805223**

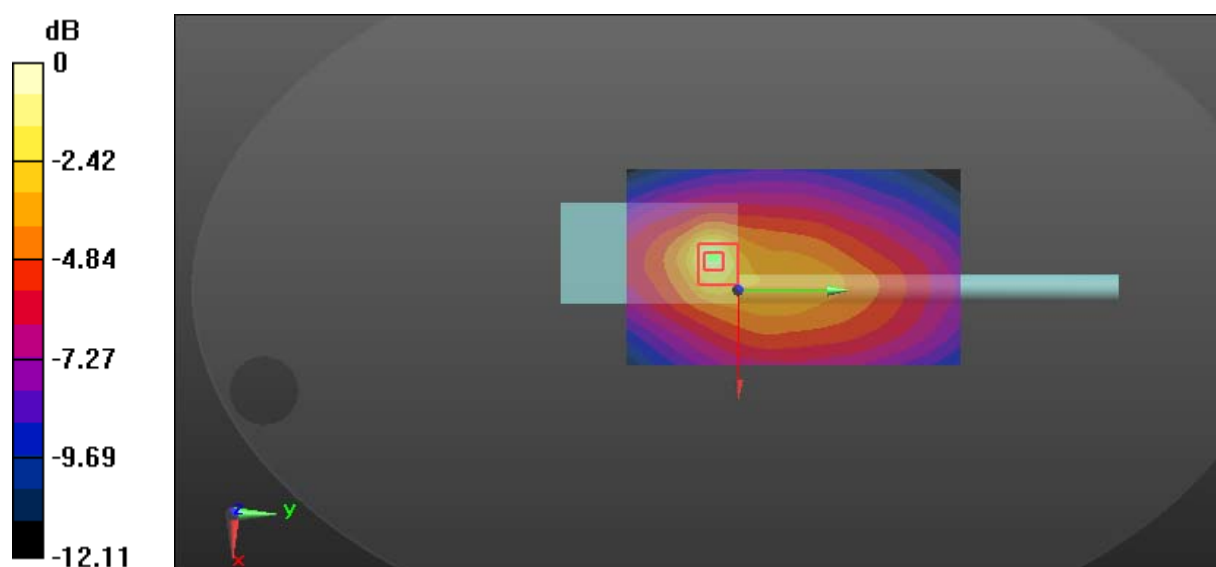
Communication System: FM; Frequency: 155 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 155 \text{ MHz}$; $\sigma = 0.824 \text{ S/m}$; $\epsilon_r = 60.326$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 4.01 W/kg **Zoom Scan (8x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 44.74 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 6.17 W/kg **SAR(1 g) = 2.31 W/kg ; SAR(10 g) = 1.36 W/kg** Maximum value of SAR (measured) = 4.14 W/kg  $0 \text{ dB} = 4.14 \text{ W/kg} = 6.17 \text{ dBW/kg}$

Test Plot 14#: PTT_FM 12.5KHz_Body Back_155 MHz_DMR-5RC**DUT: VHF/UHF Two Way Radio; Type: DMR-5RC; Serial: 16091805224**

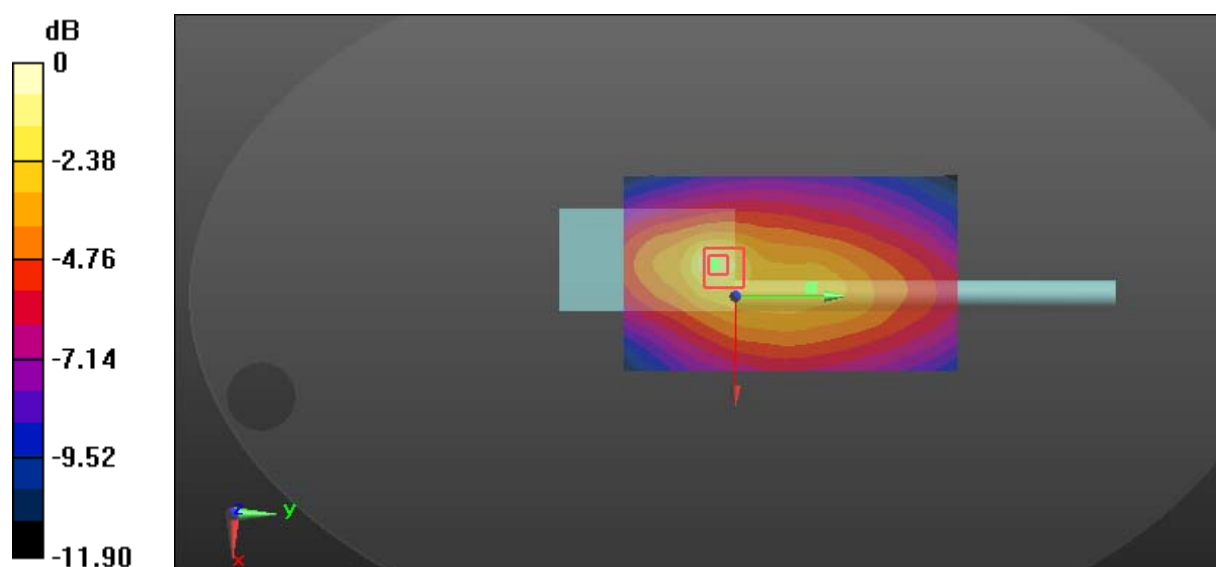
Communication System: FM; Frequency: 155 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 155 \text{ MHz}$; $\sigma = 0.824 \text{ S/m}$; $\epsilon_r = 60.326$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 2.61 W/kg **Zoom Scan (8x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 39.77 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 4.93 W/kg **SAR(1 g) = 1.78 W/kg ; SAR(10 g) = 1.07 W/kg** Maximum value of SAR (measured) = 3.13 W/kg  $0 \text{ dB} = 3.13 \text{ W/kg} = 4.96 \text{ dBW/kg}$

Test Plot 15#: PTT_FM 12.5KHz_Body Back_155 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

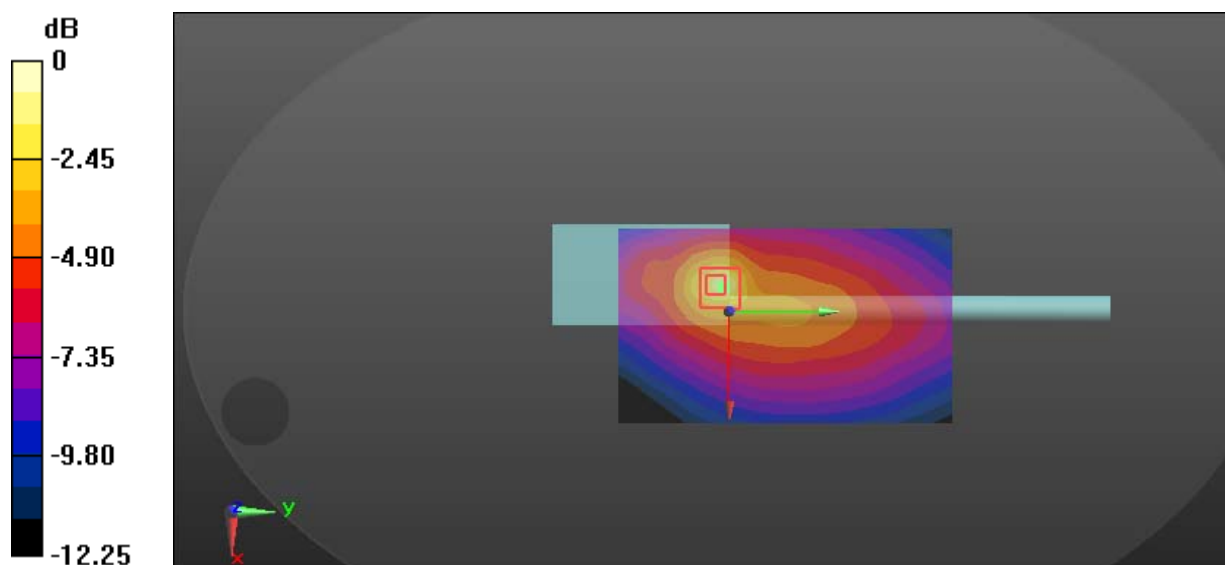
Communication System: FM; Frequency: 155 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 155 \text{ MHz}$; $\sigma = 0.824 \text{ S/m}$; $\epsilon_r = 60.326$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 4.15 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 47.38 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 10.1 W/kg **SAR(1 g) = 2.78 W/kg ; SAR(10 g) = 1.55 W/kg** Maximum value of SAR (measured) = 5.38 W/kg  $0 \text{ dB} = 5.38 \text{ W/kg} = 7.31 \text{ dBW/kg}$

Test Plot 16#: PTT_FM 12.5KHz_Body Back_136.0125 MHz_GT-3 DMR**DUT: VHF/UHF Two Way Radio; Type: GT-3 DMR; Serial: 16091805226**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.82$ S/m; $\epsilon_r = 61.832$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 2.59 W/kg

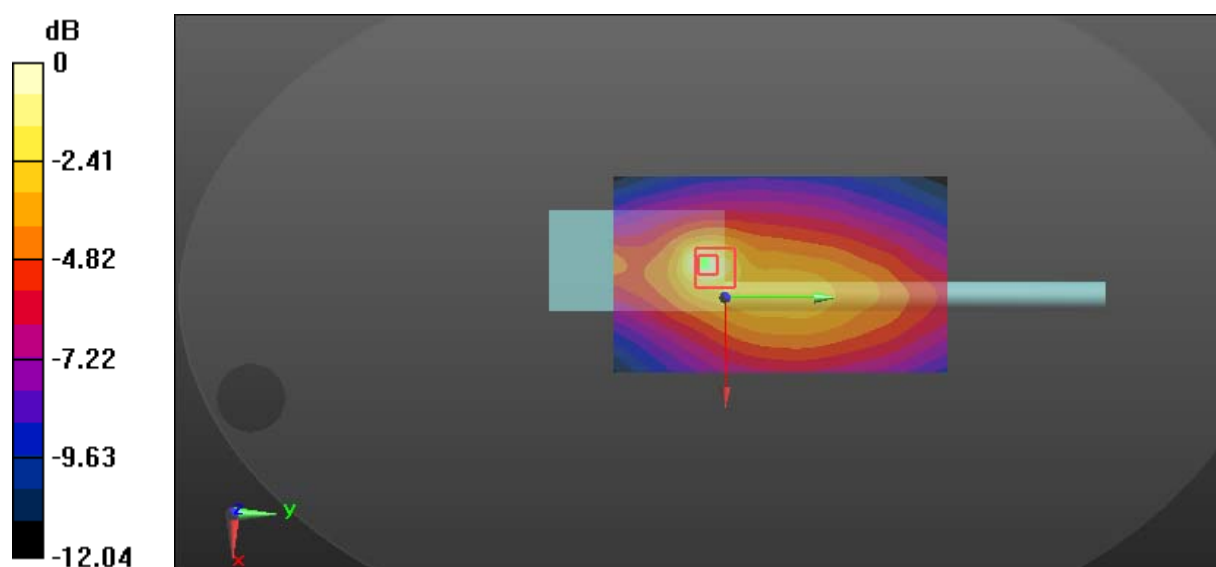
Zoom Scan (8x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.04 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.25 W/kg

SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.843 W/kg

Maximum value of SAR (measured) = 2.61 W/kg



Test Plot 17#: PTT_FM 12.5KHz_Body Back_144 MHz_GT-3 DMR**DUT: VHF/UHF Two Way Radio; Type: GT-3 DMR; Serial: 16091805226**

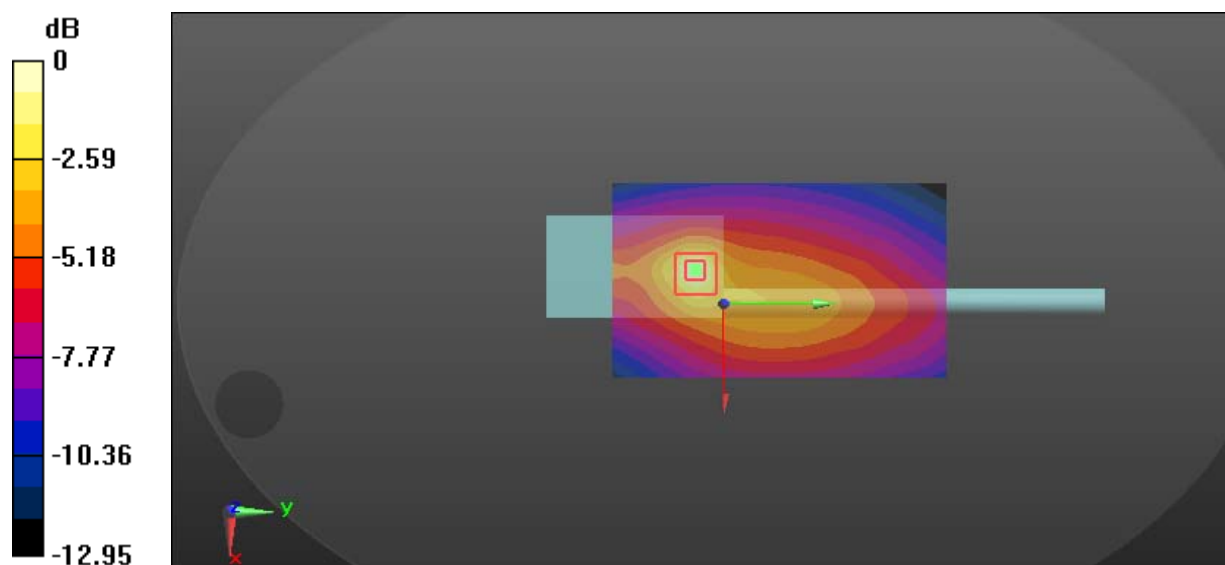
Communication System: FM; Frequency: 144 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144 \text{ MHz}$; $\sigma = 0.821 \text{ S/m}$; $\epsilon_r = 60.813$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 3.38 W/kg **Zoom Scan (9x7x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 43.48 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 6.04 W/kg **SAR(1 g) = 2.06 W/kg ; SAR(10 g) = 1.19 W/kg** Maximum value of SAR (measured) = 3.28 W/kg  $0 \text{ dB} = 3.28 \text{ W/kg} = 5.16 \text{ dBW/kg}$

Test Plot 18#: PTT_FM 12.5KHz_Body Back_155 MHz_GT-3 DMR**DUT: VHF/UHF Two Way Radio; Type: GT-3 DMR; Serial: 16091805226**

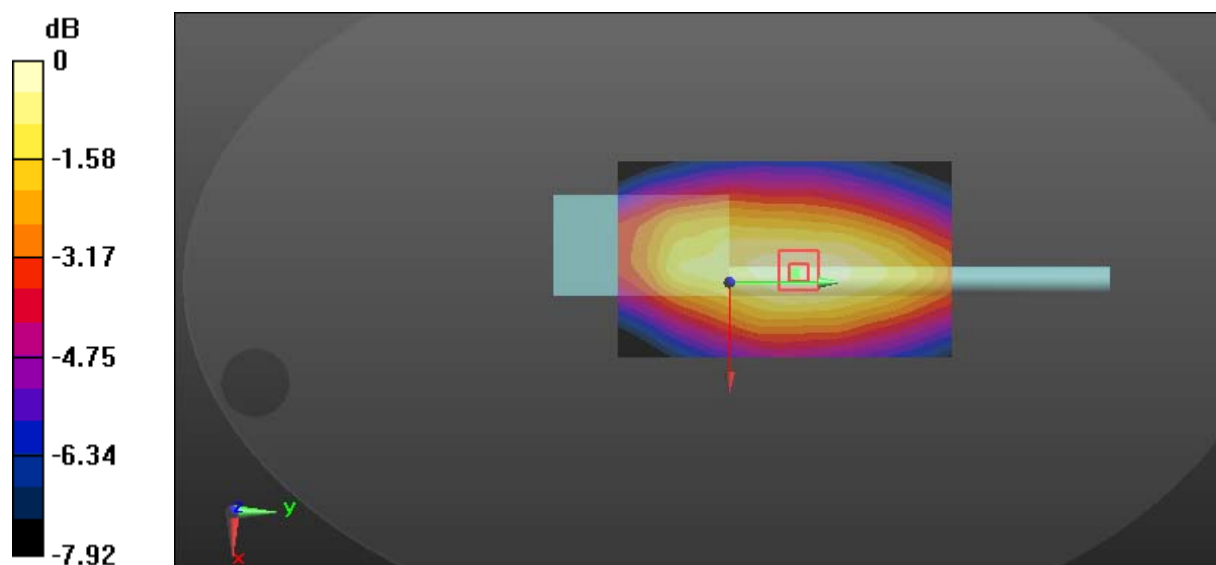
Communication System: FM; Frequency: 155 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 155 \text{ MHz}$; $\sigma = 0.824 \text{ S/m}$; $\epsilon_r = 60.326$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 4.23 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 55.92 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 5.18 W/kg **SAR(1 g) = 3.18 W/kg ; SAR(10 g) = 2.38 W/kg** Maximum value of SAR (measured) = 4.26 W/kg  $0 \text{ dB} = 4.26 \text{ W/kg} = 6.29 \text{ dBW/kg}$

Test Plot 19#: PTT_FM 12.5KHz_Body Back_164 MHz_GT-3 DMR**DUT: VHF/UHF Two Way Radio; Type: GT-3 DMR; Serial: 16091805226**

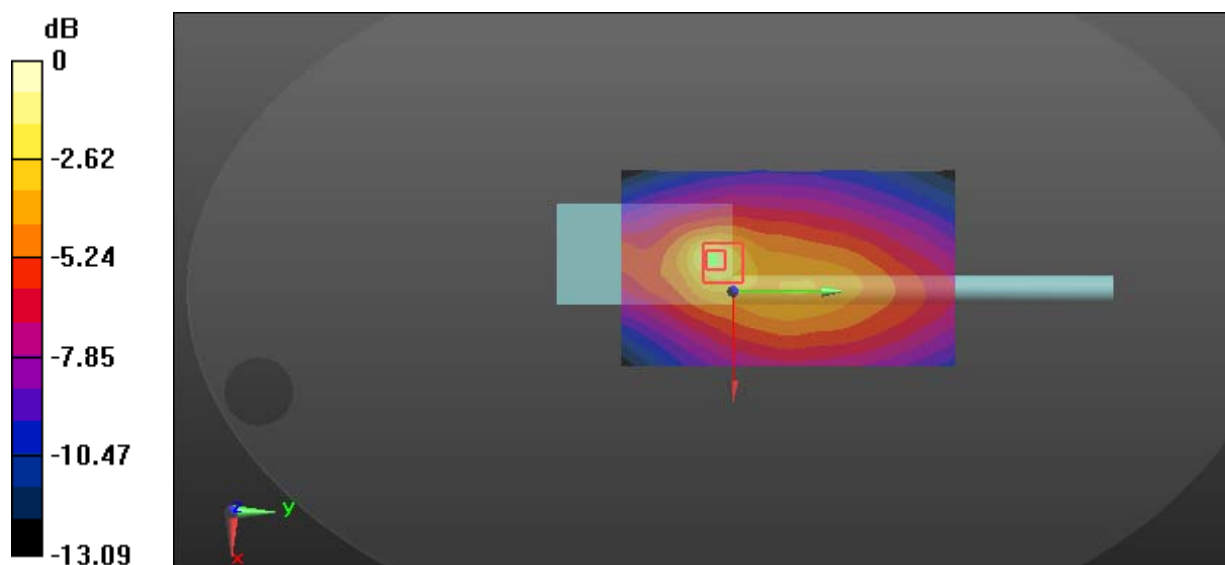
Communication System: FM; Frequency: 164 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.841 \text{ S/m}$; $\epsilon_r = 59.777$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 3.97 W/kg **Zoom Scan (8x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 45.49 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 9.04 W/kg **SAR(1 g) = 2.63 W/kg ; SAR(10 g) = 1.5 W/kg** Maximum value of SAR (measured) = 5.25 W/kg  $0 \text{ dB} = 5.25 \text{ W/kg} = 7.20 \text{ dBW/kg}$

Test Plot 20#: PTT_FM 12.5KHz_Body Back_173.9875 MHz_GT-3 DMR**DUT: VHF/UHF Two Way Radio; Type: GT-3 DMR; Serial: 16091805226**

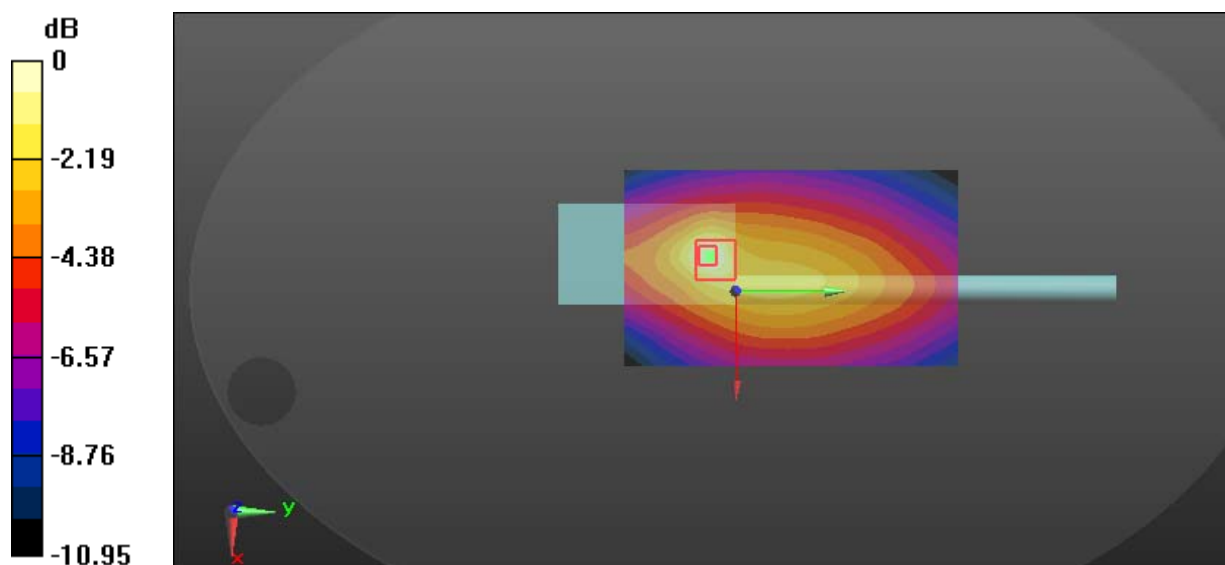
Communication System: FM; Frequency: 173.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 173.988 \text{ MHz}$; $\sigma = 0.85 \text{ S/m}$; $\epsilon_r = 59.803$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 2.96 W/kg **Zoom Scan (8x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 38.32 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 4.00 W/kg **SAR(1 g) = 1.62 W/kg ; SAR(10 g) = 1.04 W/kg** Maximum value of SAR (measured) = 2.56 W/kg  $0 \text{ dB} = 2.56 \text{ W/kg} = 4.08 \text{ dBW/kg}$

Test Plot 21#: PTT_4FSK 12.5KHz_Face Up_164 MHz_DM-5R**DUT: VHF/UHF Two Way Radio; Type: DM-5R; Serial: 16091805221**

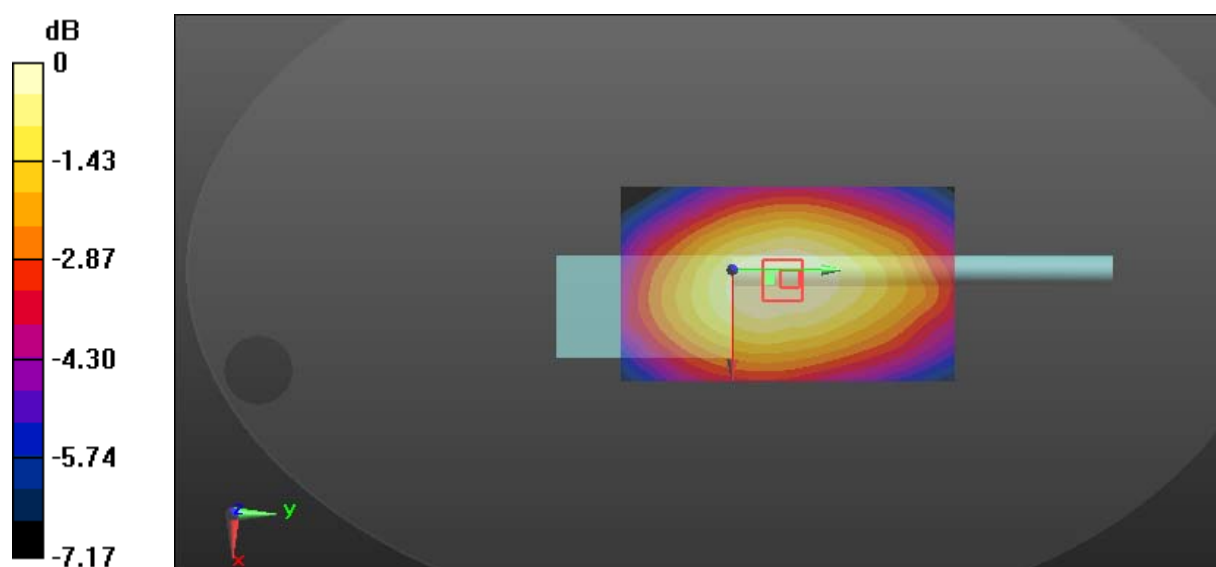
Communication System: 4FSK; Frequency: 164 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 51.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 1.26 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 33.69 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 1.46 W/kg **SAR(1 g) = 0.911 W/kg ; SAR(10 g) = 0.688 W/kg** Maximum value of SAR (measured) = 1.21 W/kg  $0 \text{ dB} = 1.21 \text{ W/kg} = 0.83 \text{ dBW/kg}$

Test Plot 22#: PTT_4FSK 12.5KHz_Face Up_164 MHz_DMR-5RA**DUT: VHF/UHF Two Way Radio; Type: DMR-5RA; Serial: 16091805222**

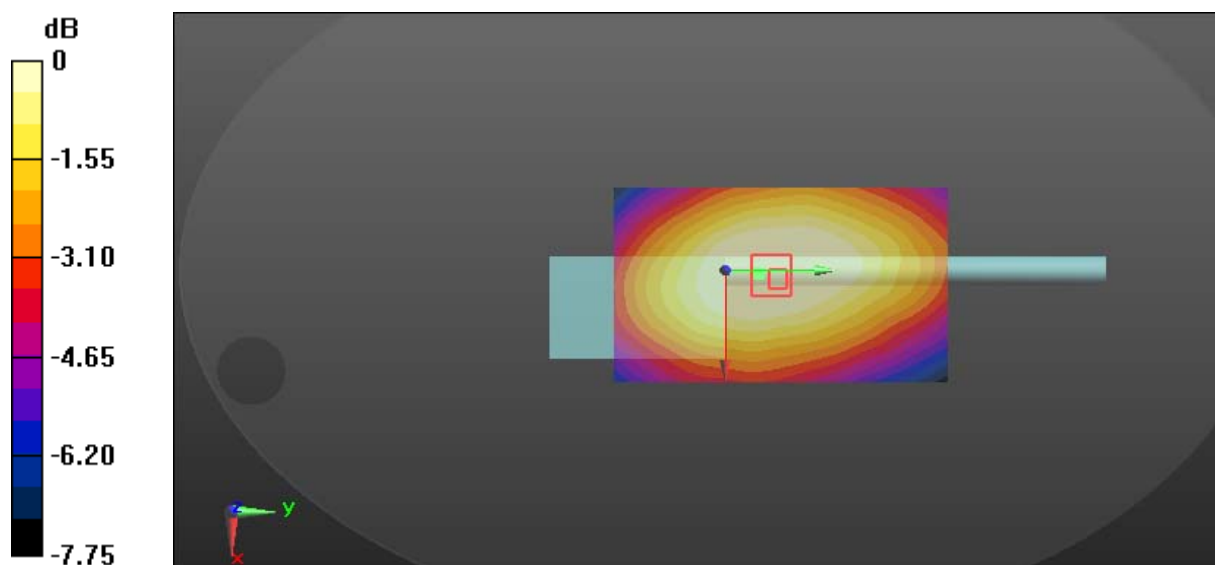
Communication System: 4FSK; Frequency: 164 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 51.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 1.45 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 40.03 V/m ; Power Drift = -0.05 dB Peak SAR (extrapolated) = 1.72 W/kg **SAR(1 g) = 1.08 W/kg ; SAR(10 g) = 0.821 W/kg** Maximum value of SAR (measured) = 1.41 W/kg  $0 \text{ dB} = 1.41 \text{ W/kg} = 1.49 \text{ dBW/kg}$

Test Plot 23#: PTT_4FSK 12.5KHz_Face Up_164 MHz_DMR-5RB**DUT: VHF/UHF Two Way Radio; Type: DMR-5RB; Serial: 16091805223**

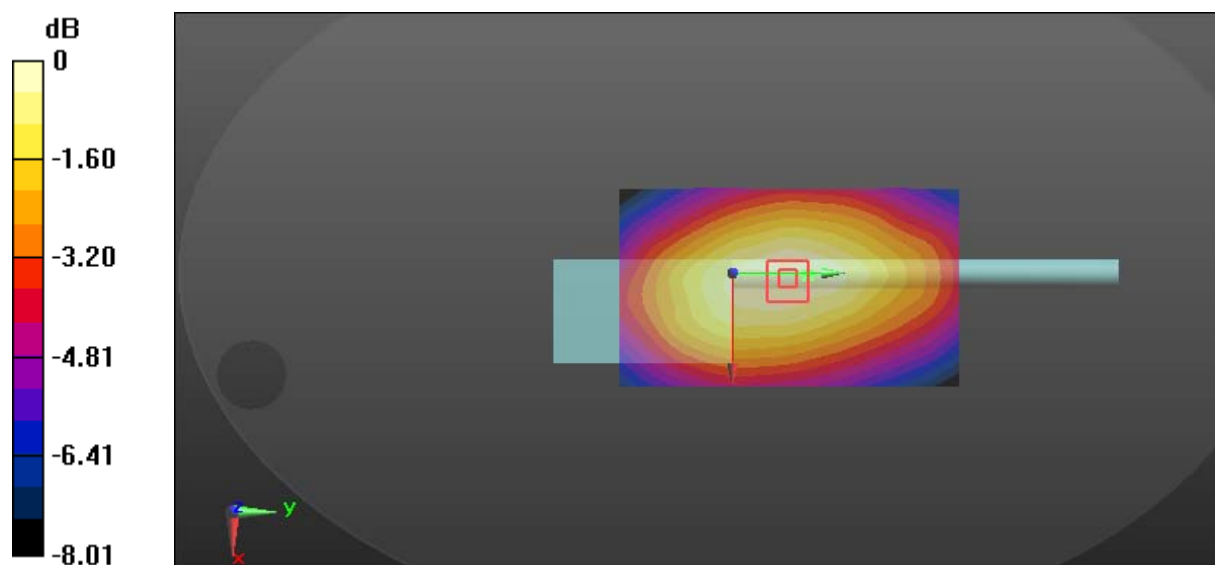
Communication System: 4FSK; Frequency: 164 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 51.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 1.78 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 38.16 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 2.13 W/kg **SAR(1 g) = 1.32 W/kg ; SAR(10 g) = 0.985 W/kg** Maximum value of SAR (measured) = 1.78 W/kg  $0 \text{ dB} = 1.78 \text{ W/kg} = 2.50 \text{ dBW/kg}$

Test Plot 24#: PTT_4FSK 12.5KHz_Face Up_164 MHz_DMR-5RC**DUT: VHF/UHF Two Way Radio; Type: DMR-5RC; Serial: 16091805224**

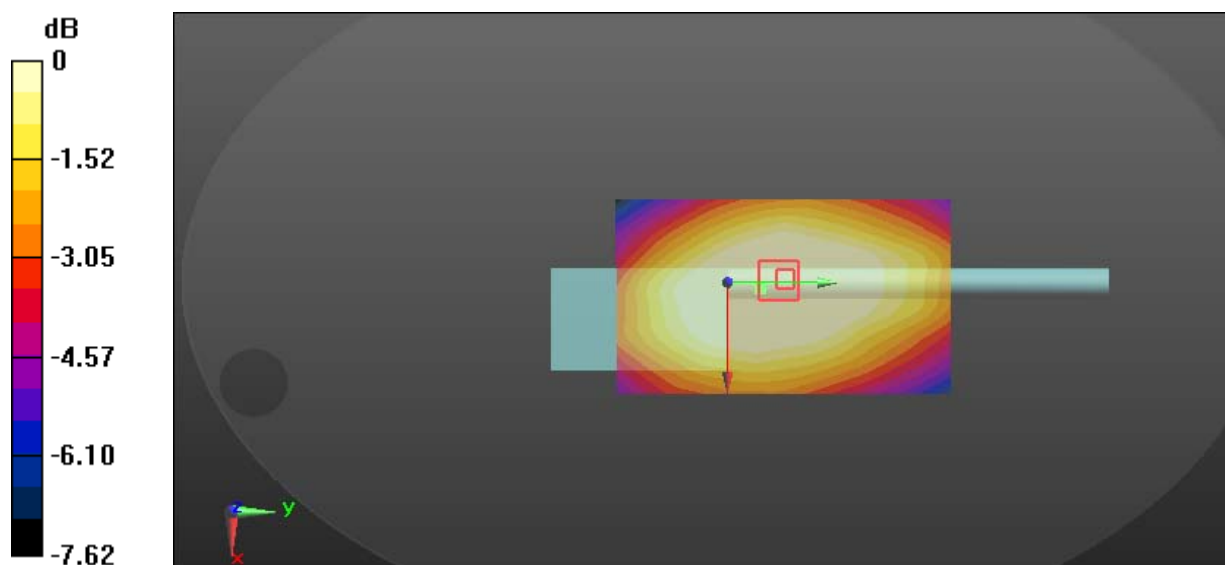
Communication System: 4FSK; Frequency: 164 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 51.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 1.66 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 47.89 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 1.81 W/kg **SAR(1 g) = 1.13 W/kg ; SAR(10 g) = 0.855 W/kg** Maximum value of SAR (measured) = 1.49 W/kg  $0 \text{ dB} = 1.49 \text{ W/kg} = 1.73 \text{ dBW/kg}$

Test Plot 25#: PTT_4FSK 12.5KHz_Face Up_164 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

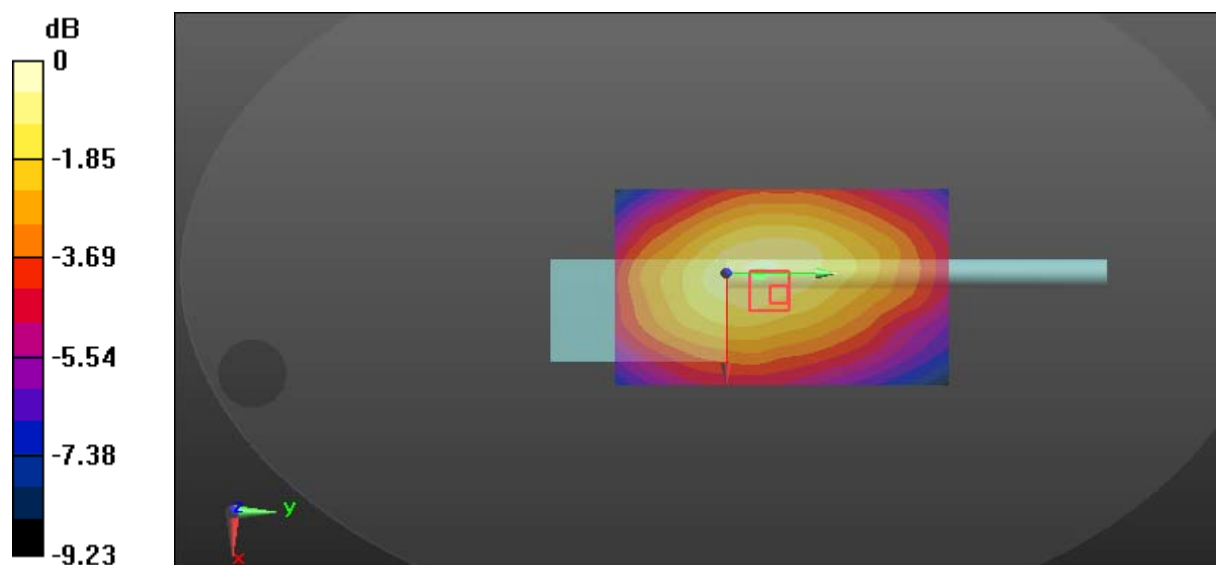
Communication System: 4FSK; Frequency: 164 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 51.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 1.64 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 39.11 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 2.37 W/kg **SAR(1 g) = 1.43 W/kg ; SAR(10 g) = 1.07 W/kg** Maximum value of SAR (measured) = 1.85 W/kg  $0 \text{ dB} = 1.85 \text{ W/kg} = 2.67 \text{ dBW/kg}$

Test Plot 26#: PTT_4FSK 12.5KHz_Face Up_164 MHz_GT-3 DMR**DUT: VHF/UHF Two Way Radio; Type: GT-3 DMR; Serial: 16091805226**

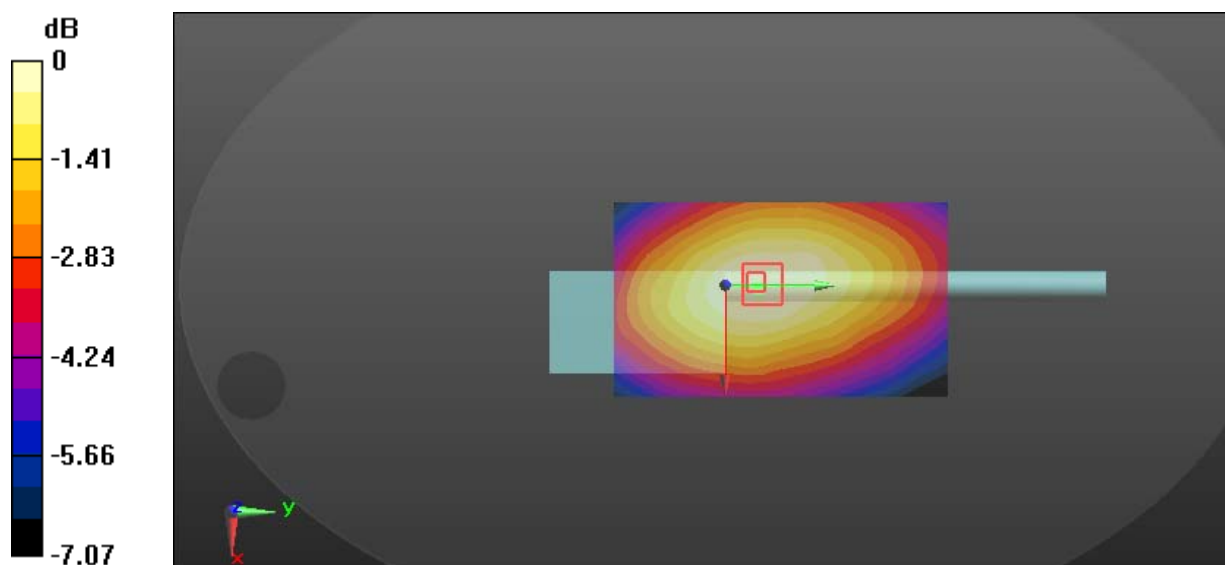
Communication System: 4FSK; Frequency: 164 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 51.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- 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) = 1.72 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 39.23 V/m ; Power Drift = -0.04 dB Peak SAR (extrapolated) = 1.99 W/kg **SAR(1 g) = 1.27 W/kg ; SAR(10 g) = 0.973 W/kg** Maximum value of SAR (measured) = 1.66 W/kg  $0 \text{ dB} = 1.66 \text{ W/kg} = 2.20 \text{ dBW/kg}$

Test Plot 27#: PTT_4FSK 12.5KHz_Body Back_155 MHz_DM-5R**DUT: VHF/UHF Two Way Radio; Type: DM-5R; Serial: 16091805221**

Communication System: 4FSK; Frequency: 155 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 155$ MHz; $\sigma = 0.824$ S/m; $\epsilon_r = 60.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 2.03 W/kg

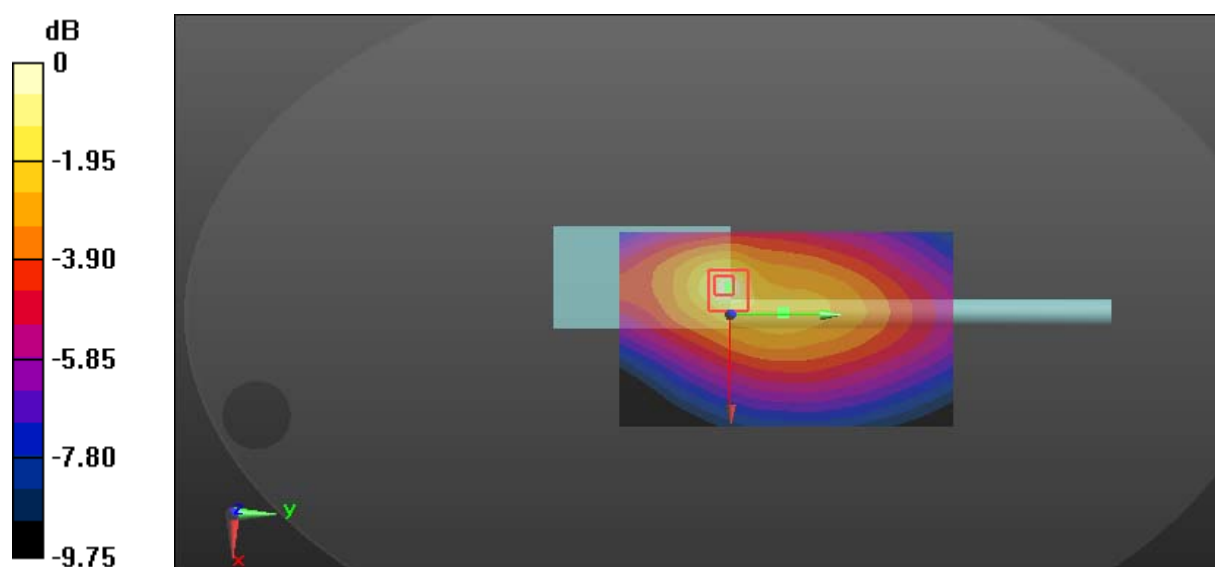
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 35.23 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.12 W/kg

SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.863 W/kg

Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 2.10 W/kg = 3.22 dBW/kg

Test Plot 28#: PTT_4FSK 12.5KHz_Body Back_155 MHz_DMR-5RA**DUT: VHF/UHF Two Way Radio; Type: DMR-5RA; Serial: 16091805222**

Communication System: 4FSK; Frequency: 155 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 155$ MHz; $\sigma = 0.824$ S/m; $\epsilon_r = 60.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 2.35 W/kg

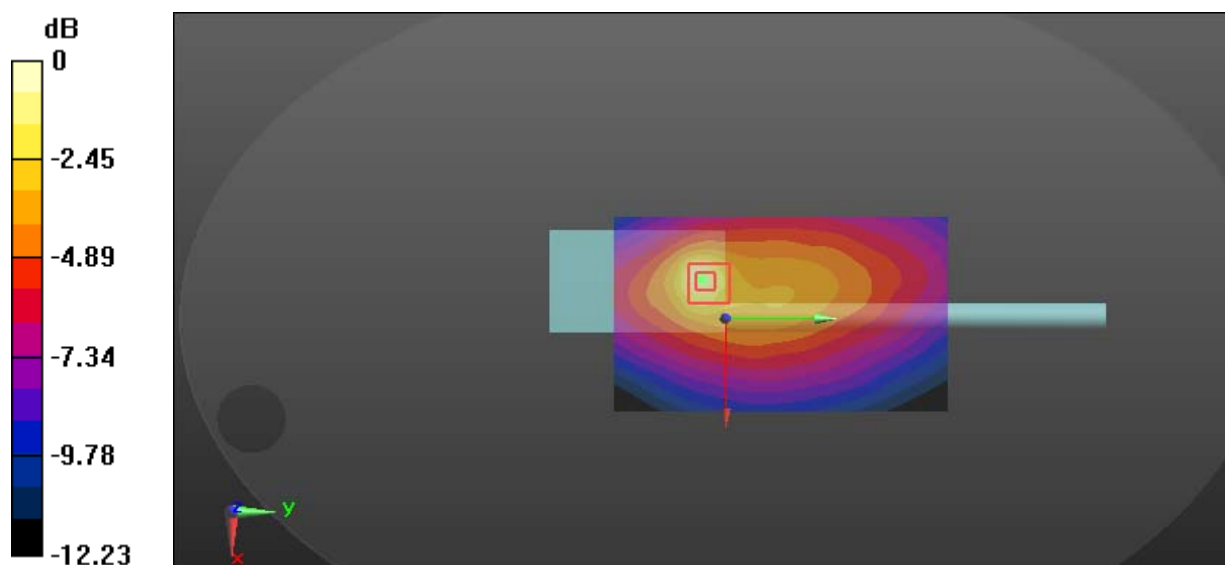
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 32.32 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 4.26 W/kg

SAR(1 g) = 1.37 W/kg; SAR(10 g) = 0.796 W/kg

Maximum value of SAR (measured) = 2.55 W/kg



0 dB = 2.55 W/kg = 4.07 dBW/kg

Test Plot 29#: PTT_4FSK 12.5KHz_Body Back_155 MHz_DMR-5RB**DUT: VHF/UHF Two Way Radio; Type: DMR-5RB; Serial: 16091805223**

Communication System: 4FSK; Frequency: 155 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 155$ MHz; $\sigma = 0.824$ S/m; $\epsilon_r = 60.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 2.03 W/kg

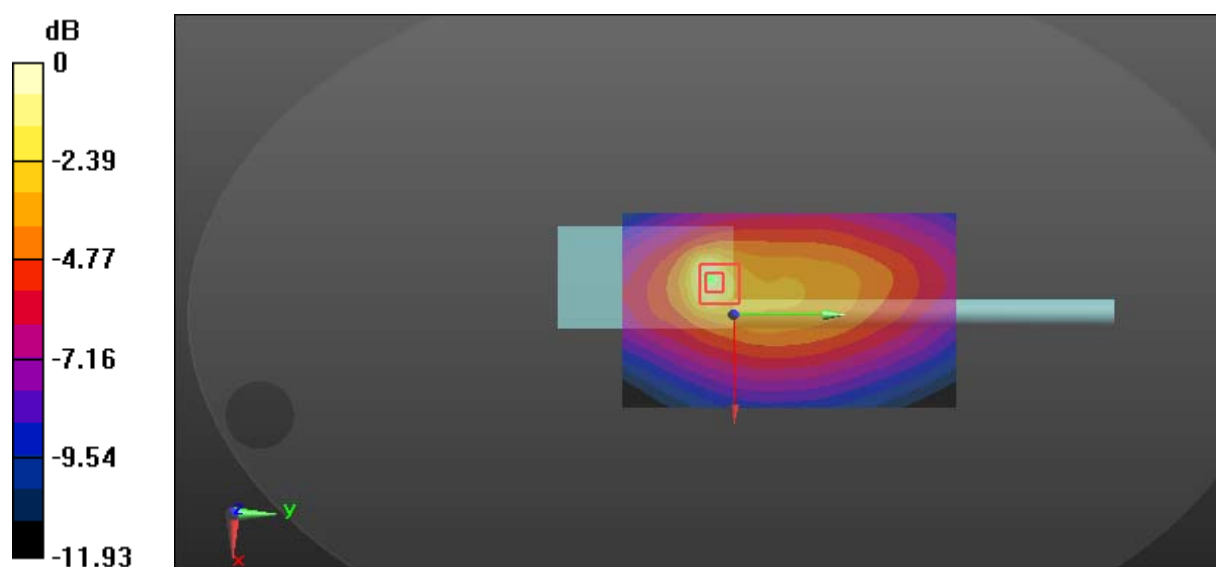
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.93 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.745 W/kg

Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 2.21 W/kg = 3.44 dBW/kg

Test Plot 30#: PTT_4FSK 12.5KHz_Body Back_155 MHz_DMR-5RC**DUT: VHF/UHF Two Way Radio; Type: DMR-5RC; Serial: 16091805224**

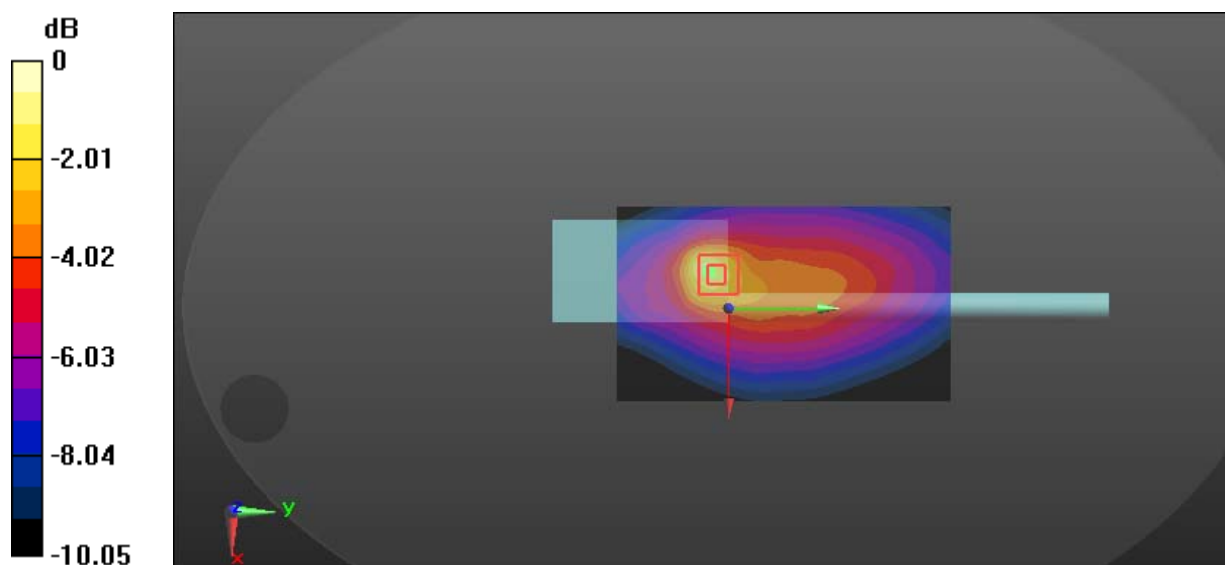
Communication System: 4FSK; Frequency: 155 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 155 \text{ MHz}$; $\sigma = 0.824 \text{ S/m}$; $\epsilon_r = 60.326$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 1.88 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 30.87 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 3.75 W/kg **SAR(1 g) = 1.26 W/kg ; SAR(10 g) = 0.740 W/kg** Maximum value of SAR (measured) = 2.38 W/kg  $0 \text{ dB} = 2.38 \text{ W/kg} = 3.77 \text{ dBW/kg}$

Test Plot 31#: PTT_4FSK 12.5KHz_Body Back_155 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

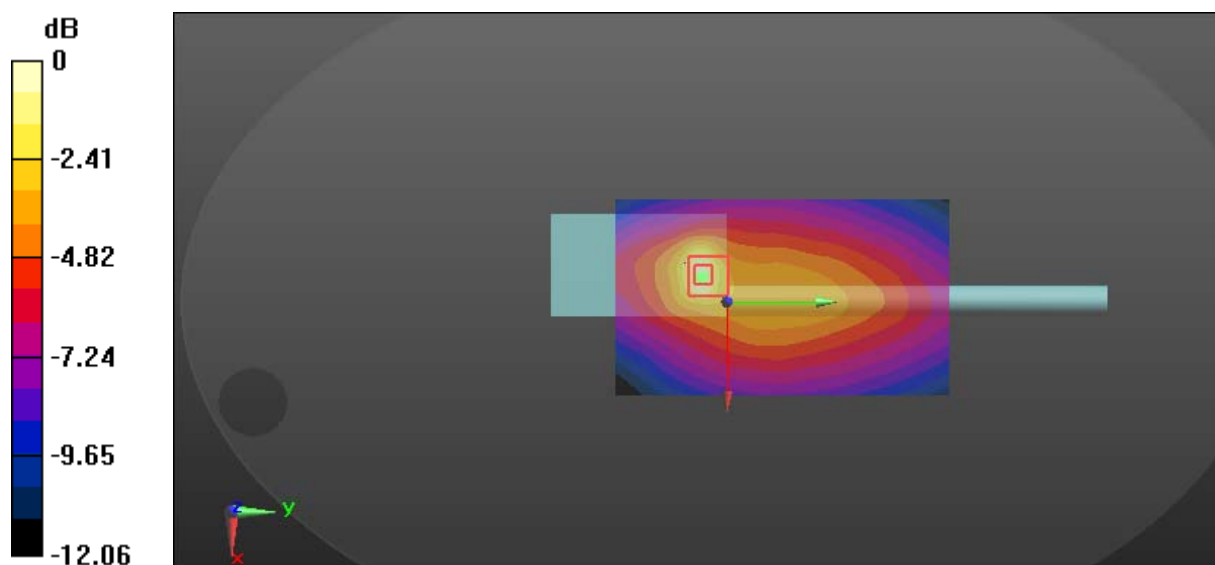
Communication System: 4FSK; Frequency: 155 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 155 \text{ MHz}$; $\sigma = 0.824 \text{ S/m}$; $\epsilon_r = 60.326$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 2.68 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 36.06 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 4.96 W/kg **SAR(1 g) = 1.54 W/kg ; SAR(10 g) = 0.89 W/kg** Maximum value of SAR (measured) = 2.91 W/kg  $0 \text{ dB} = 2.91 \text{ W/kg} = 4.64 \text{ dBW/kg}$

Test Plot 32#: PTT_4FSK 12.5KHz_Body Back_155 MHz_GT-3 DMR**DUT: VHF/UHF Two Way Radio; Type: GT-3 DMR; Serial: 16091805226**

Communication System: 4FSK; Frequency: 155 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 155$ MHz; $\sigma = 0.824$ S/m; $\epsilon_r = 60.326$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- 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) = 1.75 W/kg

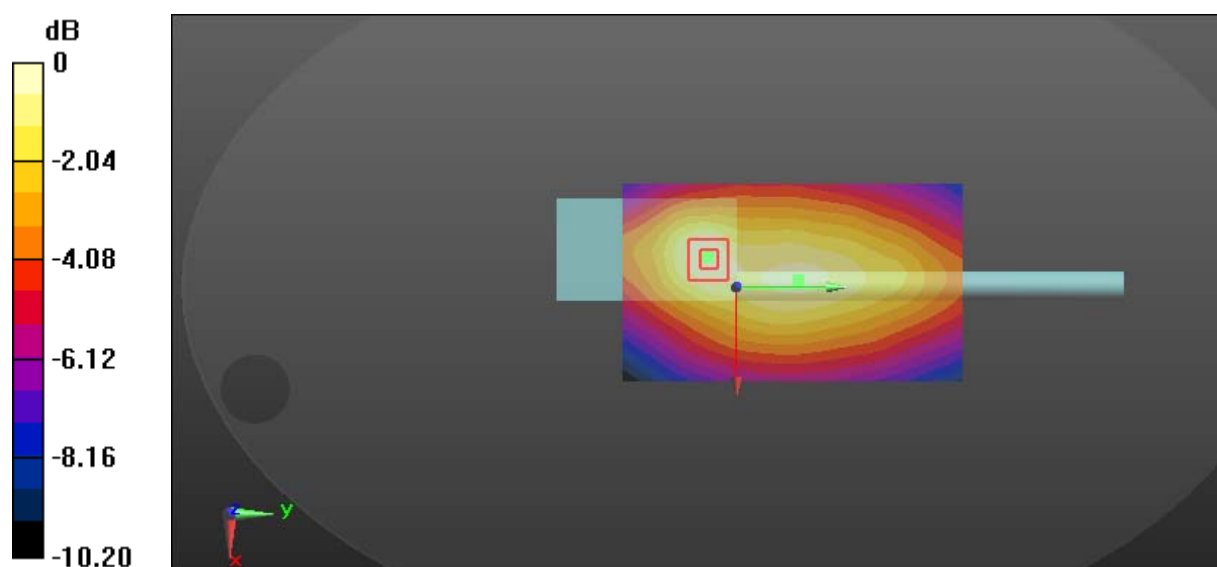
Zoom Scan (7x10x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.71 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.884 W/kg

Maximum value of SAR (measured) = 1.97 W/kg



0 dB = 1.97 W/kg = 2.94 dBW/kg

Test Plot 33#: PTT_FM 12.5KHz_Face Up_420 MHz_DM-5R**DUT: VHF/UHF Two Way Radio; Type: DM-5R; Serial: 16091805221**

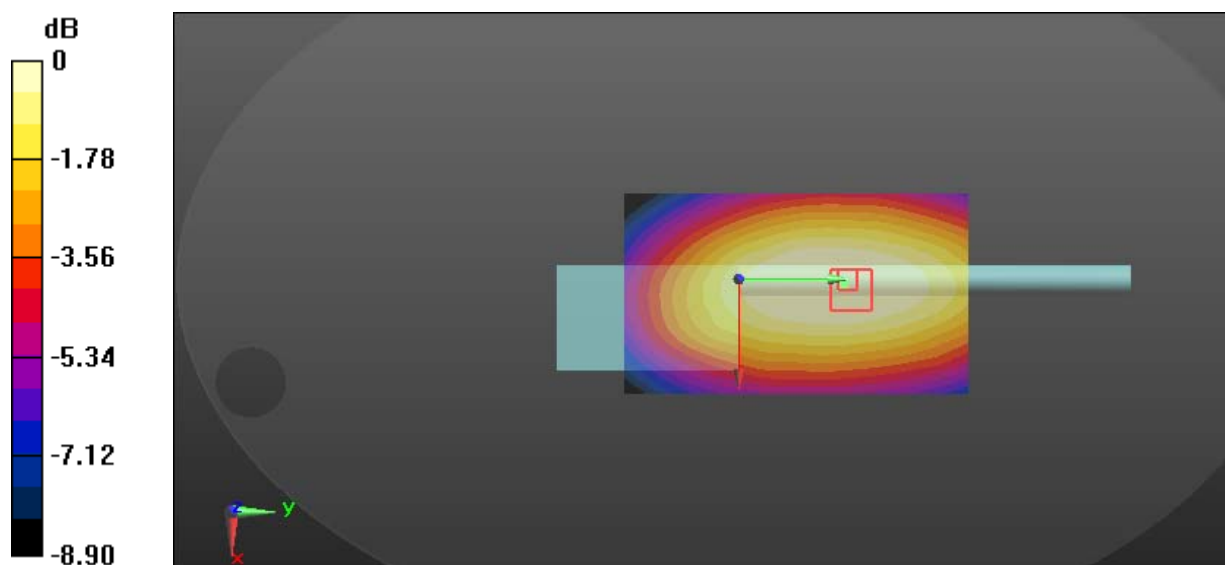
Communication System: FM; Frequency: 420 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 420 \text{ MHz}$; $\sigma = 0.862 \text{ S/m}$; $\epsilon_r = 43.587$; $\rho = 1000 \text{ kg/m}^3$

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) = 4.44 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 53.88 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 7.68 W/kg **SAR(1 g) = 3.73 W/kg ; SAR(10 g) = 2.47 W/kg** Maximum value of SAR (measured) = 3.97 W/kg  $0 \text{ dB} = 3.97 \text{ W/kg} = 5.99 \text{ dBW/kg}$

Test Plot 34#: PTT_FM 12.5KHz_Face Up_400.0125 MHz_DMR-5RA**DUT: VHF/UHF Two Way Radio; Type: DMR-5RA; Serial: 16091805222**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.84$ S/m; $\epsilon_r = 44.049$; $\rho = 1000$ kg/m³

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) = 4.35 W/kg

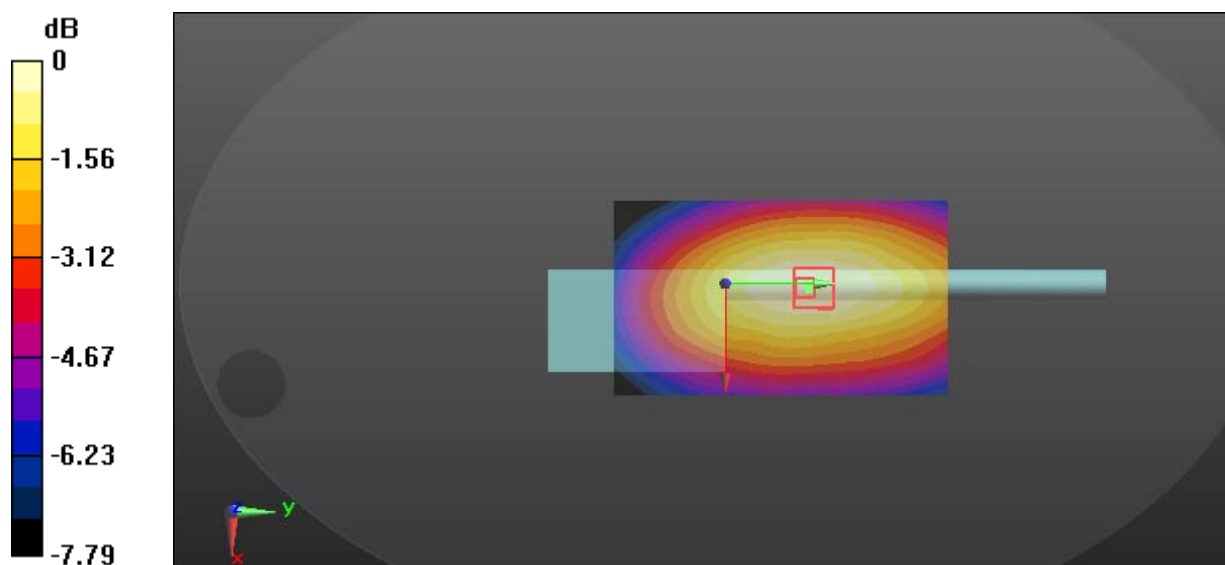
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 57.98 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.93 W/kg

SAR(1 g) = 3.32 W/kg; SAR(10 g) = 2.48 W/kg

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



0 dB = 4.28 W/kg = 6.31 dBW/kg

Test Plot 35#: PTT_FM 12.5KHz_Face Up_420 MHz_DMR-5RA**DUT: VHF/UHF Two Way Radio; Type: DMR-5RA; Serial: 16091805222**

Communication System: FM; Frequency: 420 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 420$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 43.587$; $\rho = 1000$ kg/m³

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) = 6.10 W/kg

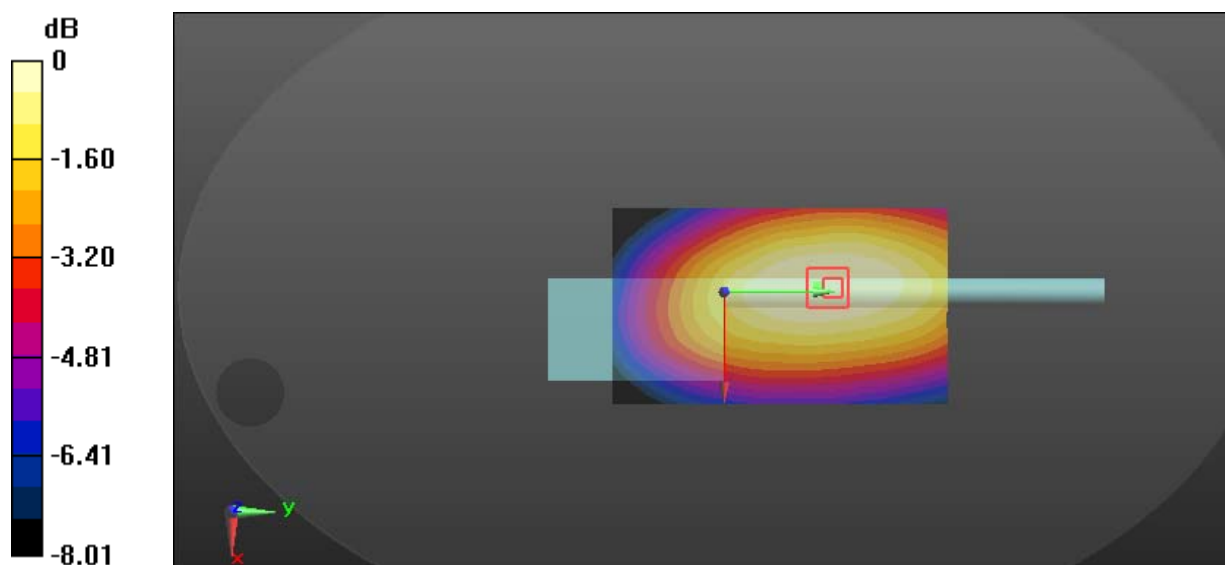
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 65.79 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 6.56 W/kg

SAR(1 g) = 4.46 W/kg; SAR(10 g) = 3.32 W/kg

Maximum value of SAR (measured) = 5.72 W/kg



0 dB = 5.72 W/kg = 7.57 dBW/kg

Test Plot 36#: PTT_FM 12.5KHz_Face Up_440 MHz_DMR-5RA**DUT: VHF/UHF Two Way Radio; Type: DMR-5RA; Serial: 16091805222**

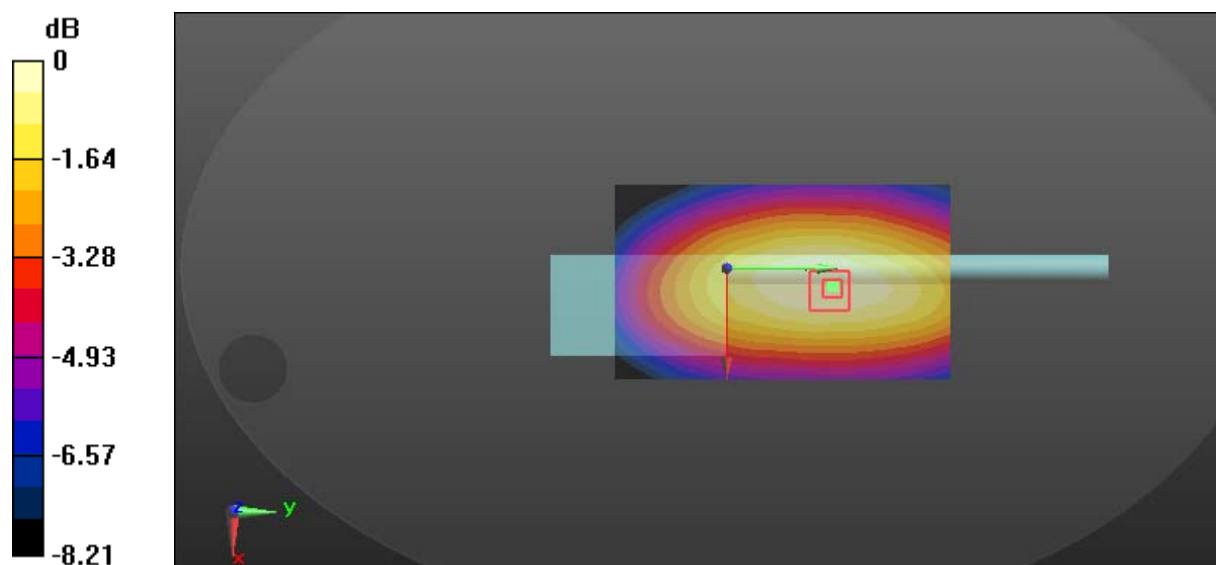
Communication System: FM; Frequency: 440 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 440 \text{ MHz}$; $\sigma = 0.866 \text{ S/m}$; $\epsilon_r = 42.968$; $\rho = 1000 \text{ kg/m}^3$

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) = 3.52 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 50.92 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 3.99 W/kg **SAR(1 g) = 2.64 W/kg ; SAR(10 g) = 1.95 W/kg** Maximum value of SAR (measured) = 3.46 W/kg  $0 \text{ dB} = 3.46 \text{ W/kg} = 5.39 \text{ dBW/kg}$

Test Plot 37#: PTT_FM 12.5KHz_Face Up_460 MHz_DMR-5RA**DUT: VHF/UHF Two Way Radio; Type: DMR-5RA; Serial: 16091805222**

Communication System: FM; Frequency: 460 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 460$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 42.287$; $\rho = 1000$ kg/m³

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) = 2.72 W/kg

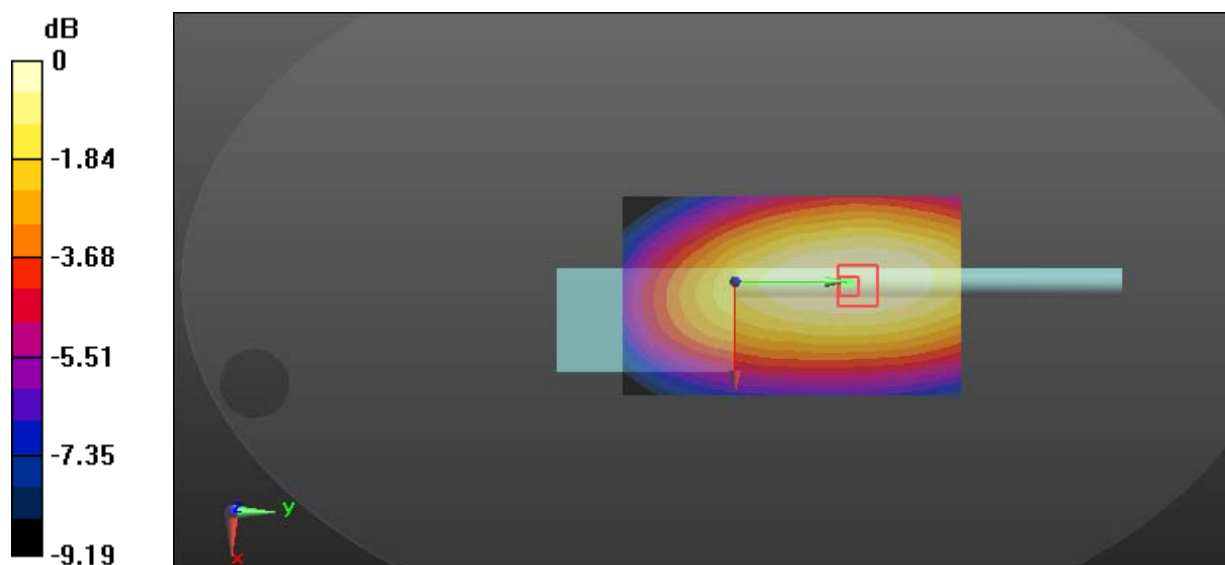
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 42.65 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.05 W/kg

SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.5 W/kg

Maximum value of SAR (measured) = 2.63 W/kg



0 dB = 2.63 W/kg = 4.20 dBW/kg

Test Plot 38#: PTT_FM 12.5KHz_Face Up_479.9875 MHz_DMR-5RA**DUT: VHF/UHF Two Way Radio; Type: DMR-5RA; Serial: 16091805222**

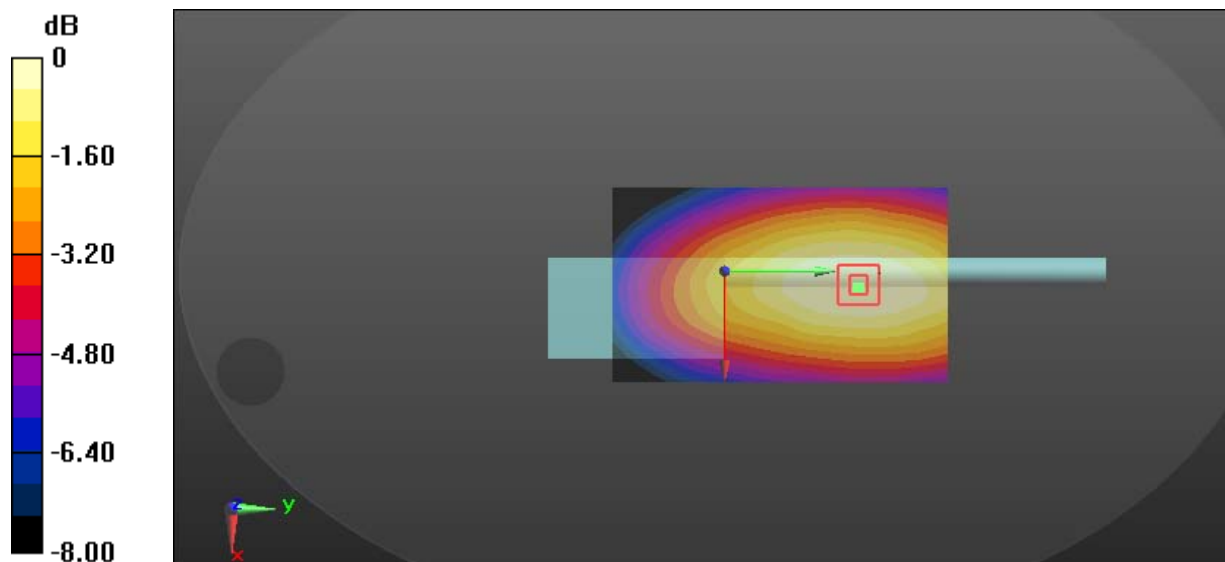
Communication System: FM; Frequency: 479.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 479.988 \text{ MHz}$; $\sigma = 0.878 \text{ S/m}$; $\epsilon_r = 42.331$; $\rho = 1000 \text{ kg/m}^3$

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) = 1.85 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 33.22 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 2.11 W/kg **SAR(1 g) = 1.43 W/kg ; SAR(10 g) = 1.05 W/kg** Maximum value of SAR (measured) = 1.83 W/kg  $0 \text{ dB} = 1.83 \text{ W/kg} = 2.62 \text{ dBW/kg}$

Test Plot 39#: PTT_FM 12.5KHz_Face Up_420 MHz_DMR-5RB**DUT: VHF/UHF Two Way Radio; Type: DMR-5RB; Serial: 16091805223**

Communication System: FM; Frequency: 420 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 420$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 43.587$; $\rho = 1000$ kg/m³

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) = 5.46 W/kg

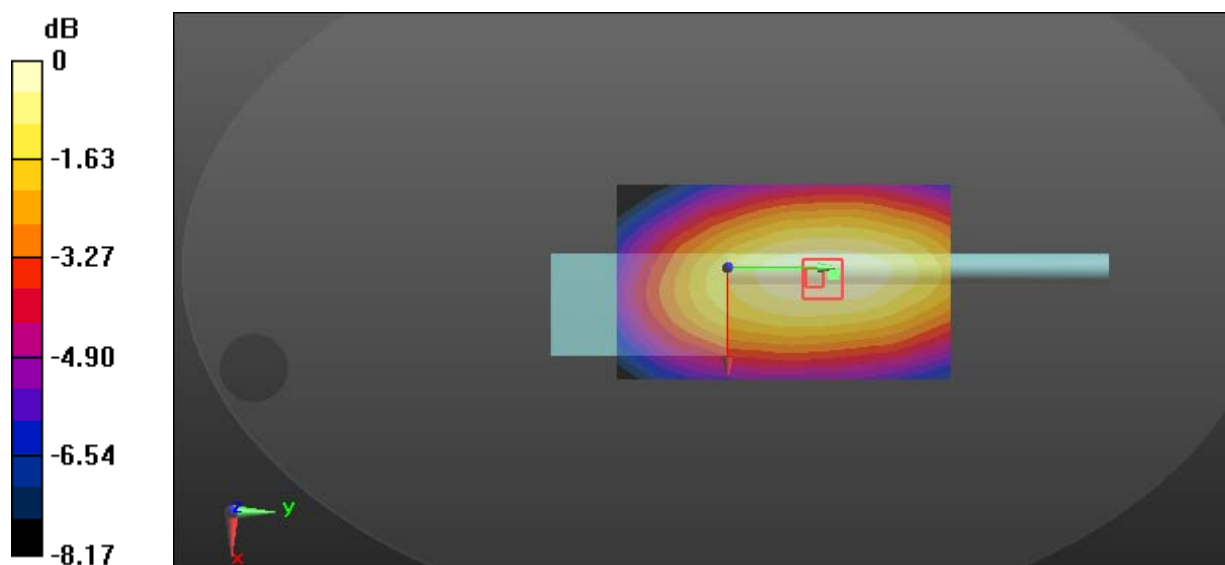
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 63.69 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 6.29 W/kg

SAR(1 g) = 4.24 W/kg; SAR(10 g) = 3.16 W/kg

Maximum value of SAR (measured) = 5.47 W/kg



0 dB = 5.47 W/kg = 7.38 dBW/kg

Test Plot 40#: PTT_FM 12.5KHz_Face Up_420 MHz_DMR-5RC**DUT: VHF/UHF Two Way Radio; Type: DMR-5RC; Serial: 16091805224**

Communication System: FM; Frequency: 420 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 420$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 43.587$; $\rho = 1000$ kg/m³

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) = 4.74 W/kg

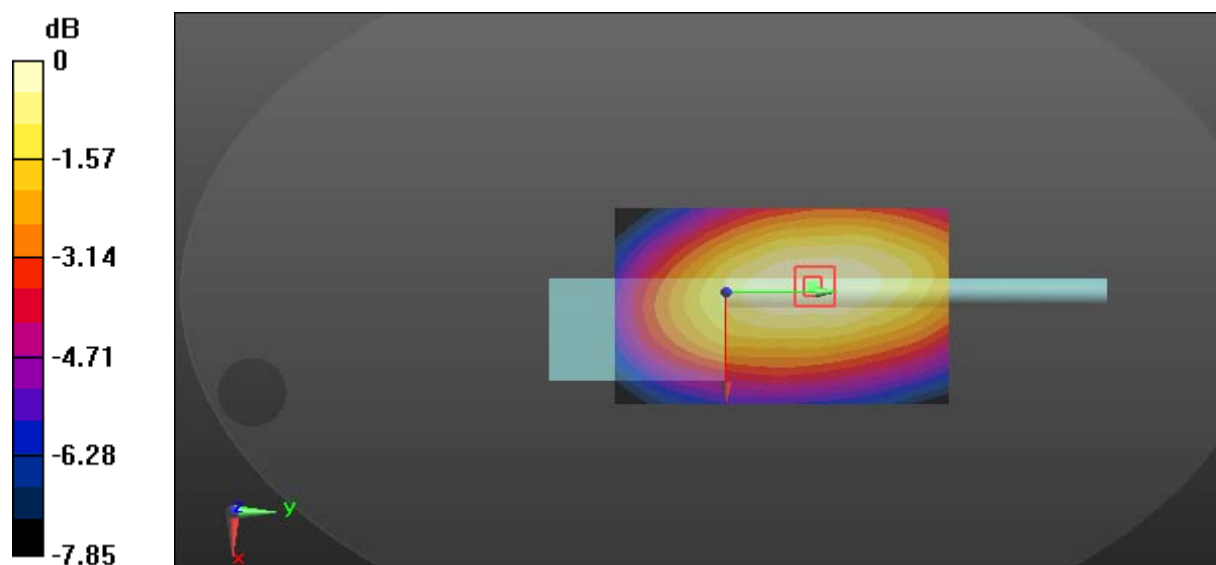
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 61.49 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 5.39 W/kg

SAR(1 g) = 3.6 W/kg; SAR(10 g) = 2.68 W/kg

Maximum value of SAR (measured) = 4.68 W/kg



0 dB = 4.68 W/kg = 6.70 dBW/kg

Test Plot 41#: PTT_FM 12.5KHz_Face Up_420 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

Communication System: FM; Frequency: 420 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 420$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 43.587$; $\rho = 1000$ kg/m³

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) = 4.66 W/kg

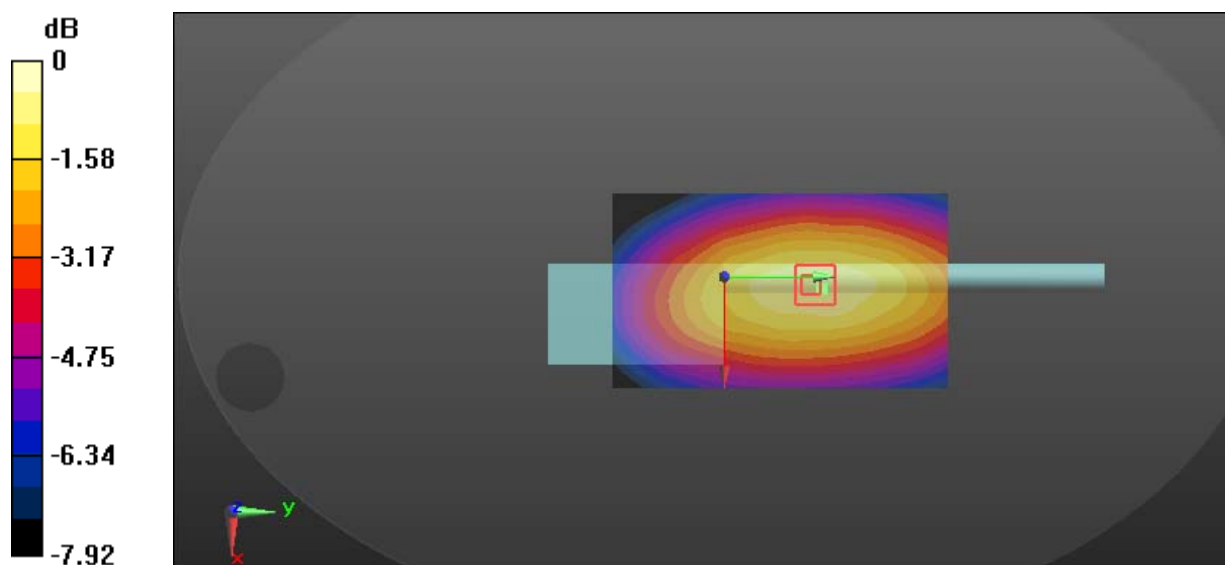
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 61.20 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 6.13 W/kg

SAR(1 g) = 4.15 W/kg; SAR(10 g) = 3.09 W/kg

Maximum value of SAR (measured) = 5.32 W/kg



0 dB = 5.32 W/kg = 7.26 dBW/kg

Test Plot 42#: PTT_FM 12.5KHz_Face Up_420 MHz_GT-3 DMR**DUT: VHF/UHF Two Way Radio; Type: GT-3 DMR; Serial: 16091805226**

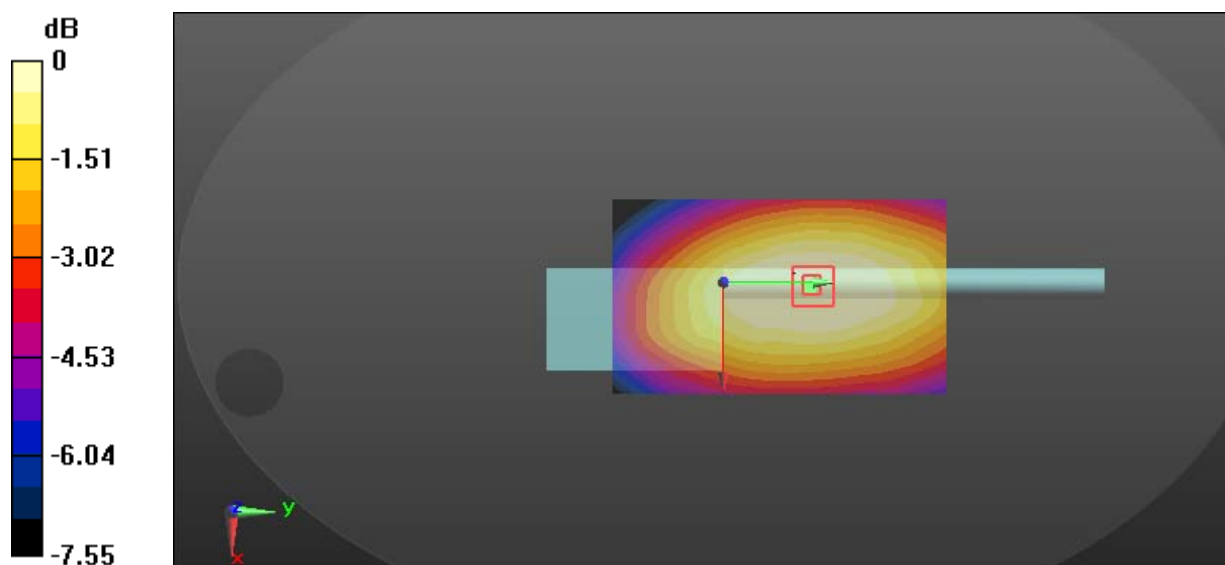
Communication System: FM; Frequency: 420 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 420 \text{ MHz}$; $\sigma = 0.862 \text{ S/m}$; $\epsilon_r = 43.587$; $\rho = 1000 \text{ kg/m}^3$

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) = 4.16 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 58.80 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 4.34 W/kg **SAR(1 g) = 2.98 W/kg ; SAR(10 g) = 2.25 W/kg** Maximum value of SAR (measured) = 3.79 W/kg  $0 \text{ dB} = 3.79 \text{ W/kg} = 5.79 \text{ dBW/kg}$

Test Plot 43#: PTT_FM 12.5KHz_Body Back_420 MHz_DM-5R**DUT: VHF/UHF Two Way Radio; Type: DM-5R; Serial: 16091805221**

Communication System: FM; Frequency: 420 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 420$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 54.892$; $\rho = 1000$ 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) = 8.08 W/kg

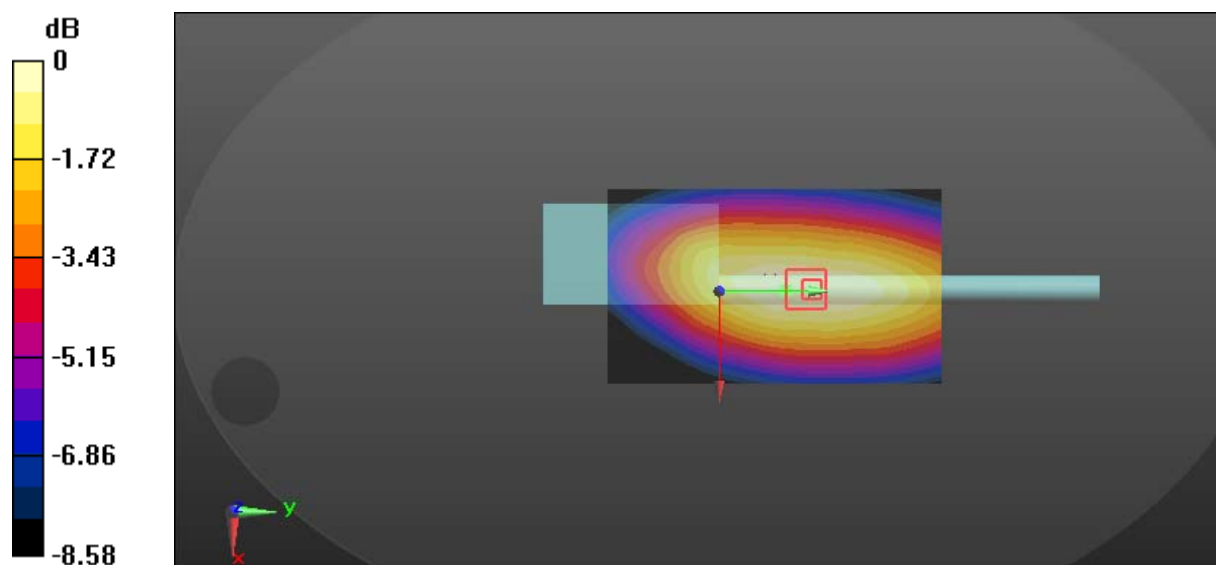
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 70.52 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 9.47 W/kg

SAR(1 g) = 6.19 W/kg; SAR(10 g) = 4.55 W/kg

Maximum value of SAR (measured) = 8.06 W/kg



0 dB = 8.06 W/kg = 9.06 dBW/kg

Test Plot 44#: PTT_FM 12.5KHz_Body Back_420 MHz_DMR-5RA**DUT: VHF/UHF Two Way Radio; Type: DMR-5RA; Serial: 16091805222**

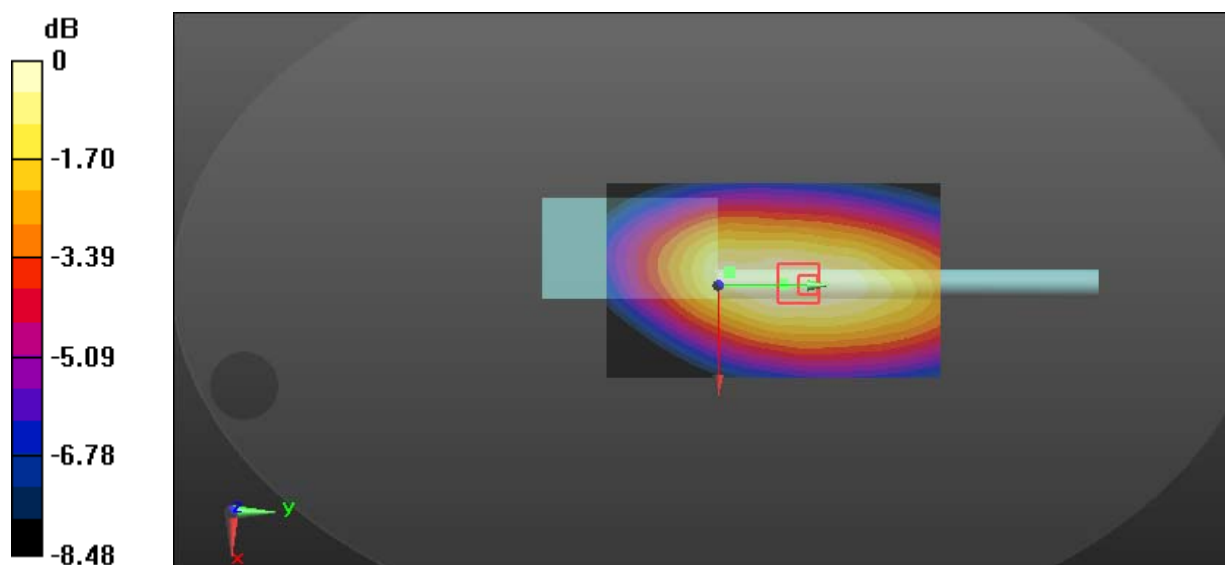
Communication System: FM; Frequency: 420 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 420 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 54.892$; $\rho = 1000 \text{ kg/m}^3$

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) = 8.44 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 72.73 V/m ; Power Drift = 0.01 dB Peak SAR (extrapolated) = 9.59 W/kg **SAR(1 g) = 6.32 W/kg ; SAR(10 g) = 4.66 W/kg** Maximum value of SAR (measured) = 8.26 W/kg  $0 \text{ dB} = 8.26 \text{ W/kg} = 9.17 \text{ dBW/kg}$

Test Plot 45#: PTT_FM 12.5KHz_Body Back_420 MHz_DMR-5RB**DUT: VHF/UHF Two Way Radio; Type: DMR-5RB; Serial: 16091805223**

Communication System: FM; Frequency: 420 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 420$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 54.892$; $\rho = 1000$ 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) = 8.60 W/kg

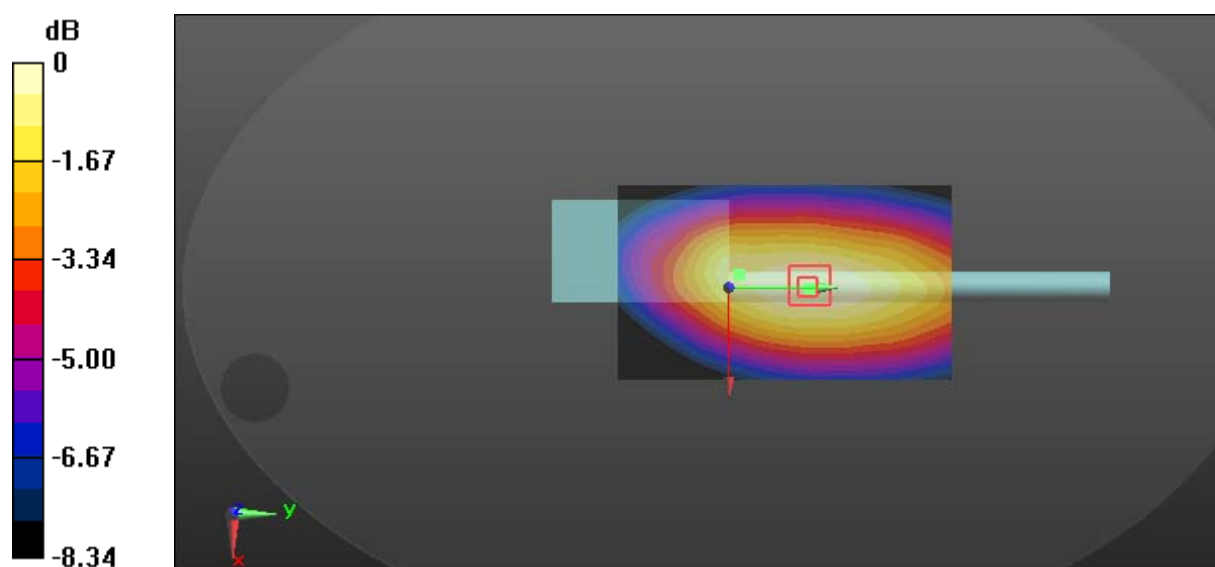
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 73.99 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 9.99 W/kg

SAR(1 g) = 6.59 W/kg; SAR(10 g) = 4.85 W/kg

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



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

Test Plot 46#: PTT_FM 12.5KHz_Body Back_420 MHz_DMR-5RC**DUT: VHF/UHF Two Way Radio; Type: DMR-5RC; Serial: 16091805224**

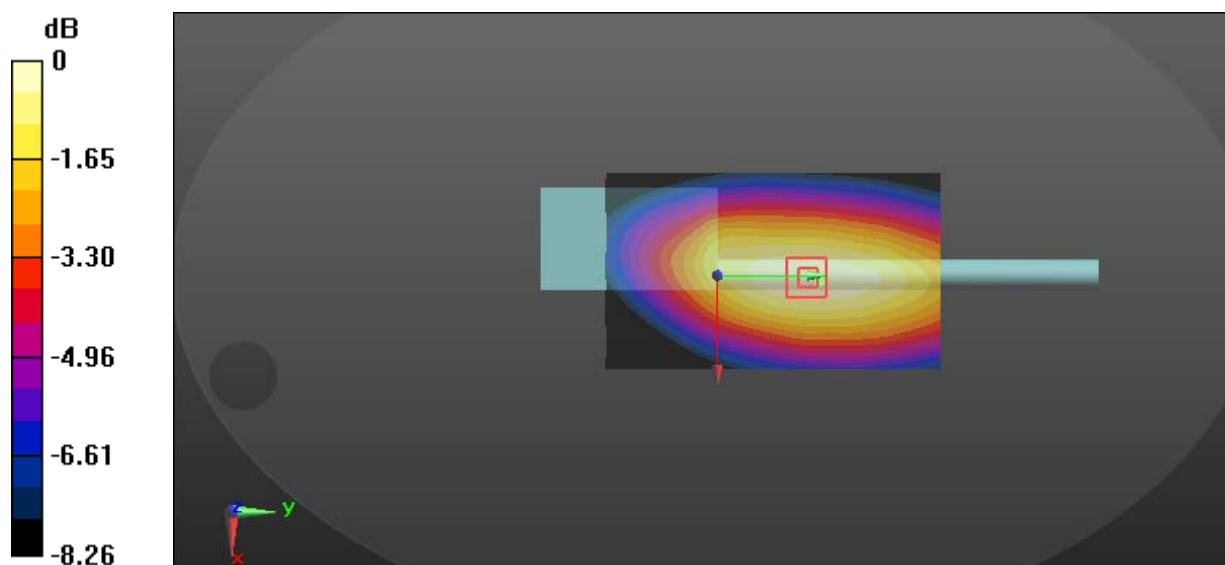
Communication System: FM; Frequency: 420 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 420 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 54.892$; $\rho = 1000 \text{ kg/m}^3$

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) = 7.99 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 72.29 V/m ; Power Drift = -0.19 dB Peak SAR (extrapolated) = 9.29 W/kg **SAR(1 g) = 6.36 W/kg ; SAR(10 g) = 4.7 W/kg** Maximum value of SAR (measured) = 8.15 W/kg  $0 \text{ dB} = 8.15 \text{ W/kg} = 9.11 \text{ dBW/kg}$

Test Plot 47#: PTT_FM 12.5KHz_Body Back_400.0125 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 55.036$; $\rho = 1000$ 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) = 7.15 W/kg

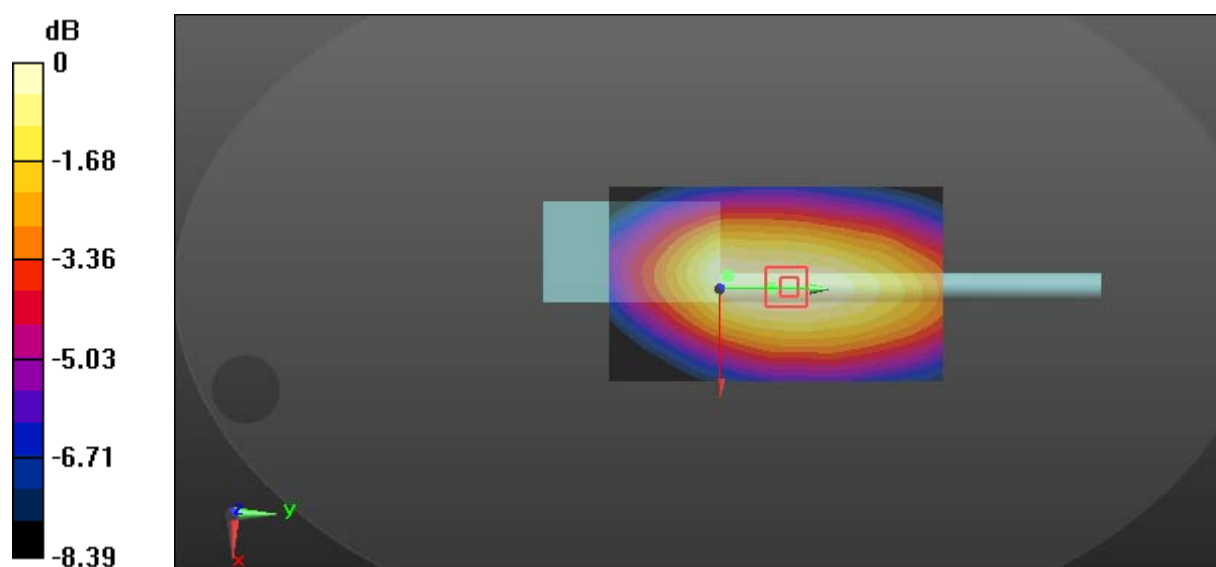
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 70.94 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 8.41 W/kg

SAR(1 g) = 5.4 W/kg; SAR(10 g) = 3.96 W/kg

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



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

Test Plot 48#: PTT_FM 12.5KHz_Body Back_420 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

Communication System: FM; Frequency: 420 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 420$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 54.892$; $\rho = 1000$ 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) = 8.96 W/kg

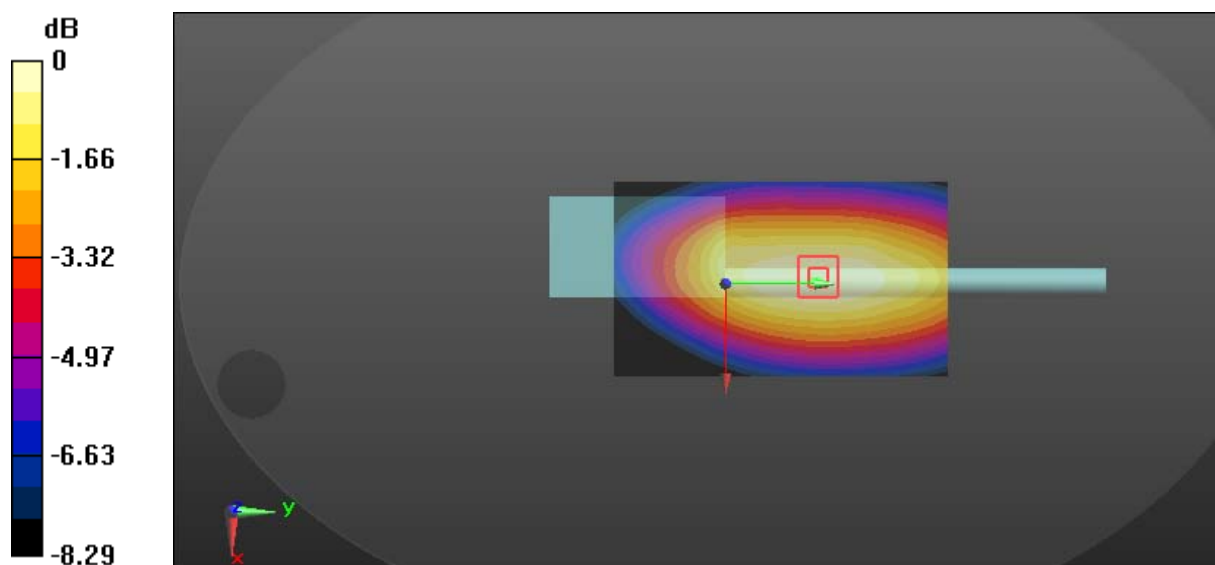
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 75.19 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 6.92 W/kg; SAR(10 g) = 5.12 W/kg

Maximum value of SAR (measured) = 8.83 W/kg



0 dB = 8.83 W/kg = 9.46 dBW/kg

Test Plot 49#: PTT_FM 12.5KHz_Body Back_440 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

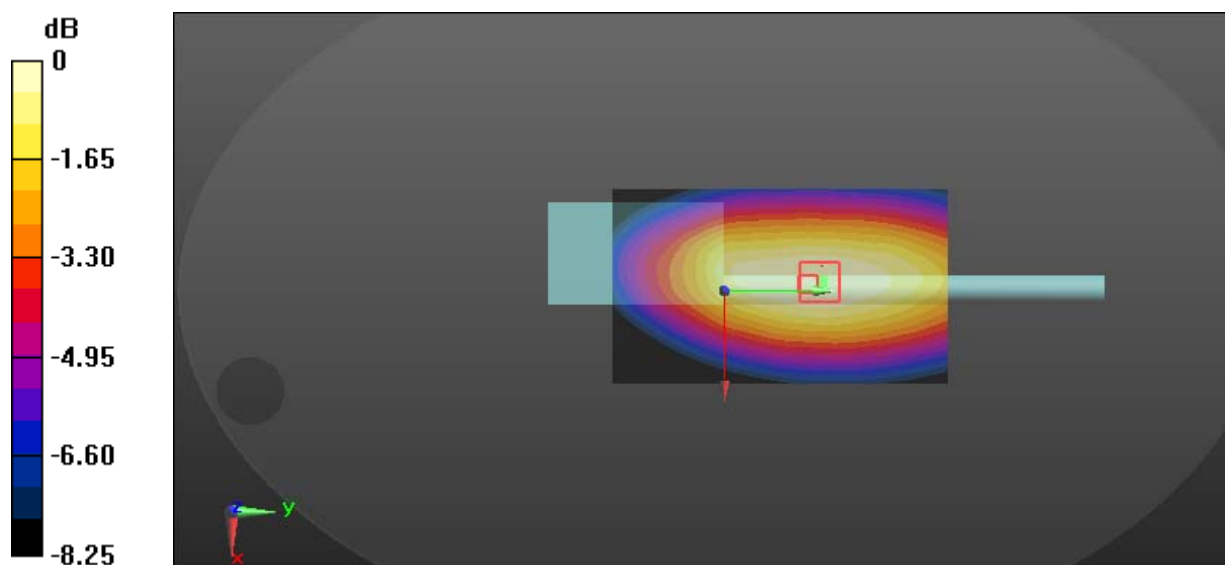
Communication System: FM; Frequency: 440 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 440 \text{ MHz}$; $\sigma = 0.954 \text{ S/m}$; $\epsilon_r = 54.771$; $\rho = 1000 \text{ kg/m}^3$

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) = 6.19 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 60.72 V/m ; Power Drift = 0.01 dB Peak SAR (extrapolated) = 6.97 W/kg **SAR(1 g) = 4.55 W/kg ; SAR(10 g) = 3.35 W/kg** Maximum value of SAR (measured) = 5.96 W/kg  $0 \text{ dB} = 5.96 \text{ W/kg} = 7.75 \text{ dBW/kg}$

Test Plot 50#: PTT_FM 12.5KHz_Body Back_460 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

Communication System: FM; Frequency: 460 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 460$ MHz; $\sigma = 0.968$ S/m; $\epsilon_r = 54.628$; $\rho = 1000$ 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) = 4.21 W/kg

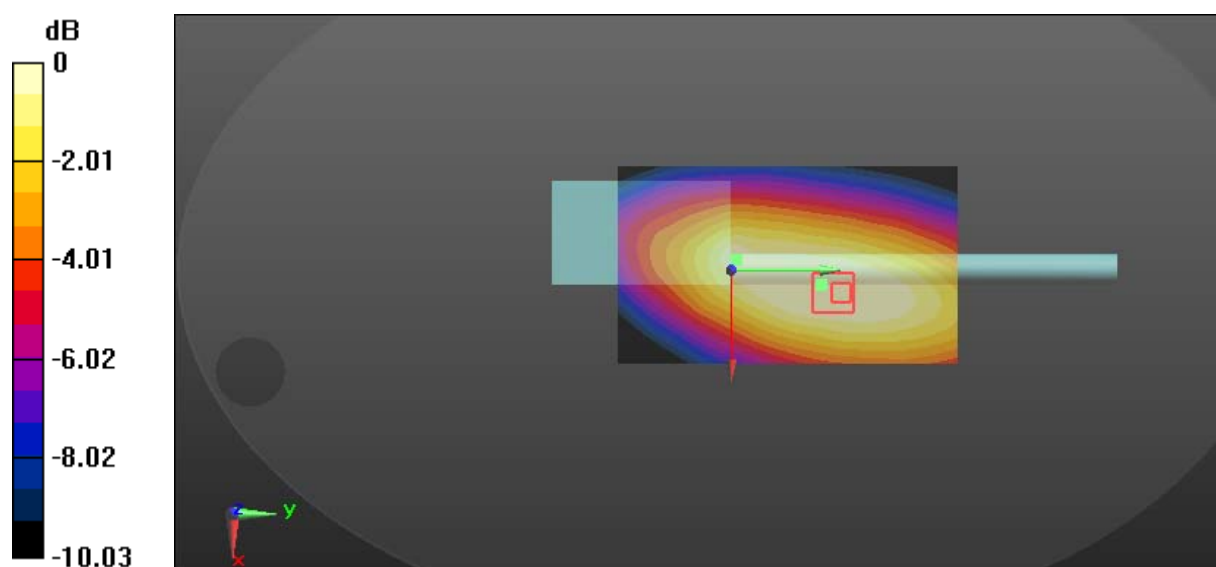
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 52.08 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.58 W/kg

SAR(1 g) = 3.01 W/kg; SAR(10 g) = 2.21 W/kg

Maximum value of SAR (measured) = 3.85 W/kg



0 dB = 3.85 W/kg = 5.85 dBW/kg

Test Plot 51#: PTT_FM 12.5KHz_Body Back_479.9875 MHz_DMR-5RE

DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225

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

Medium parameters used: $f = 479.988$ MHz; $\sigma = 0.961$ S/m; $\epsilon_r = 54.639$; $\rho = 1000$ 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) = 2.31 W/kg

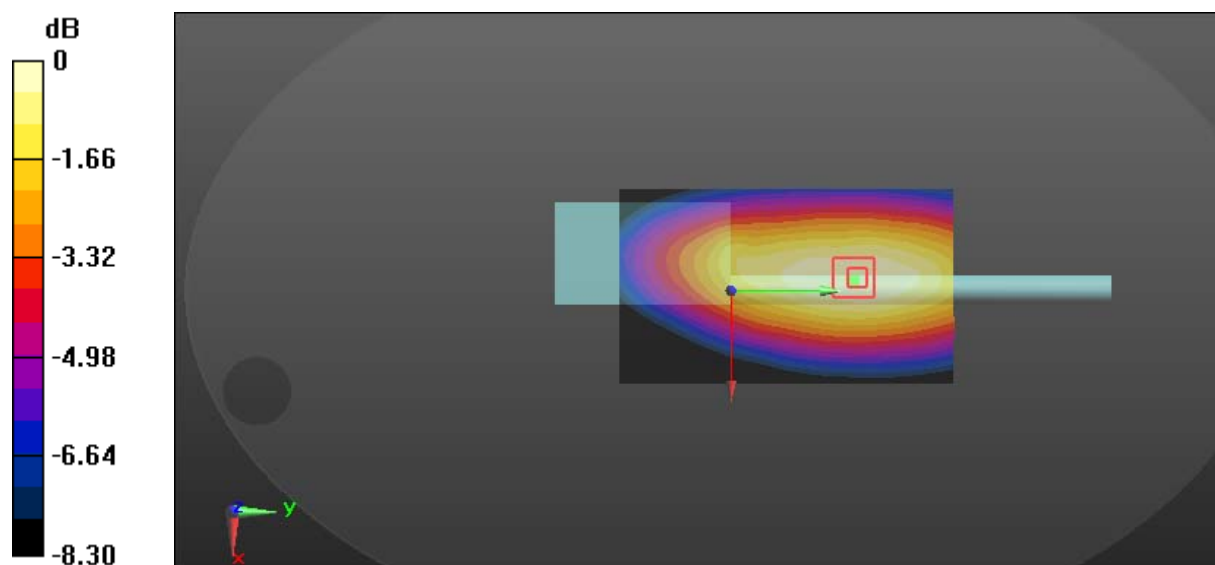
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 35.10 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 1.77 W/kg; SAR(10 g) = 1.3 W/kg

Maximum value of SAR (measured) = 2.33 W/kg



0 dB = 2.33 W/kg = 3.67 dBW/kg

Test Plot 52#: PTT_FM 12.5KHz_Body Back_420 MHz_GT-3 DMR**DUT: VHF/UHF Two Way Radio; Type: GT-3 DMR; Serial: 16091805226**

Communication System: FM; Frequency: 420 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 420$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 54.892$; $\rho = 1000$ 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) = 9.09 W/kg

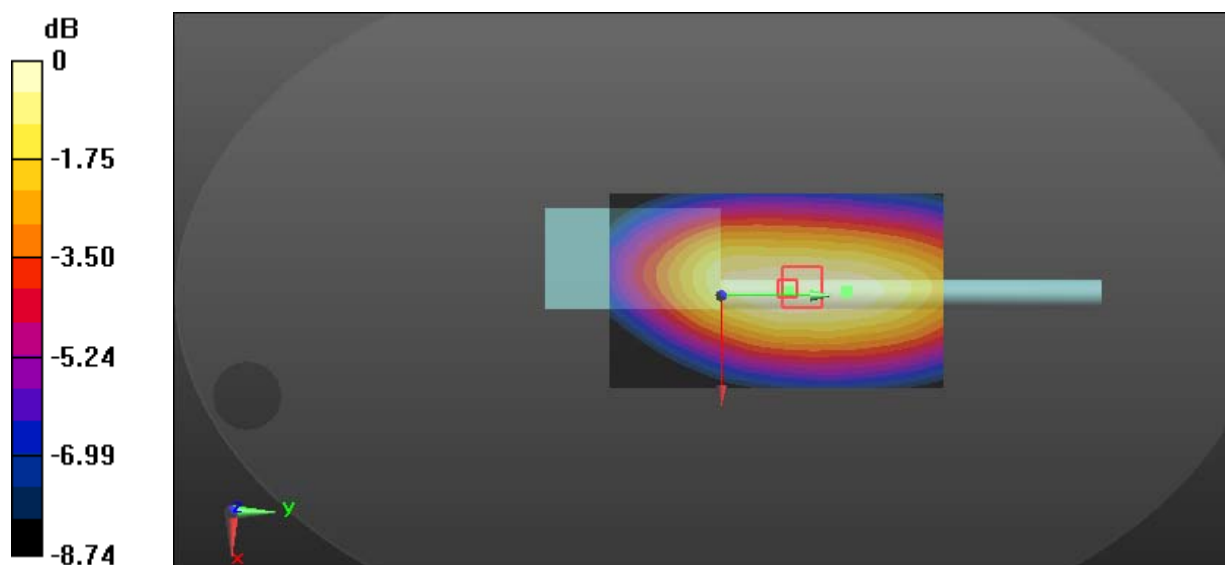
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 76.28 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 6.85 W/kg; SAR(10 g) = 5.01 W/kg

Maximum value of SAR (measured) = 9.04 W/kg



0 dB = 9.04 W/kg = 9.56 dBW/kg

Test Plot 53#: PTT_4FSK 12.5KHz_Face Up_420 MHz_DM-5R**DUT: VHF/UHF Two Way Radio; Type: DM-5R; Serial: 16091805221**

Communication System: 4FSK; Frequency: 420 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 420$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 43.587$; $\rho = 1000$ kg/m³

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) = 2.07 W/kg

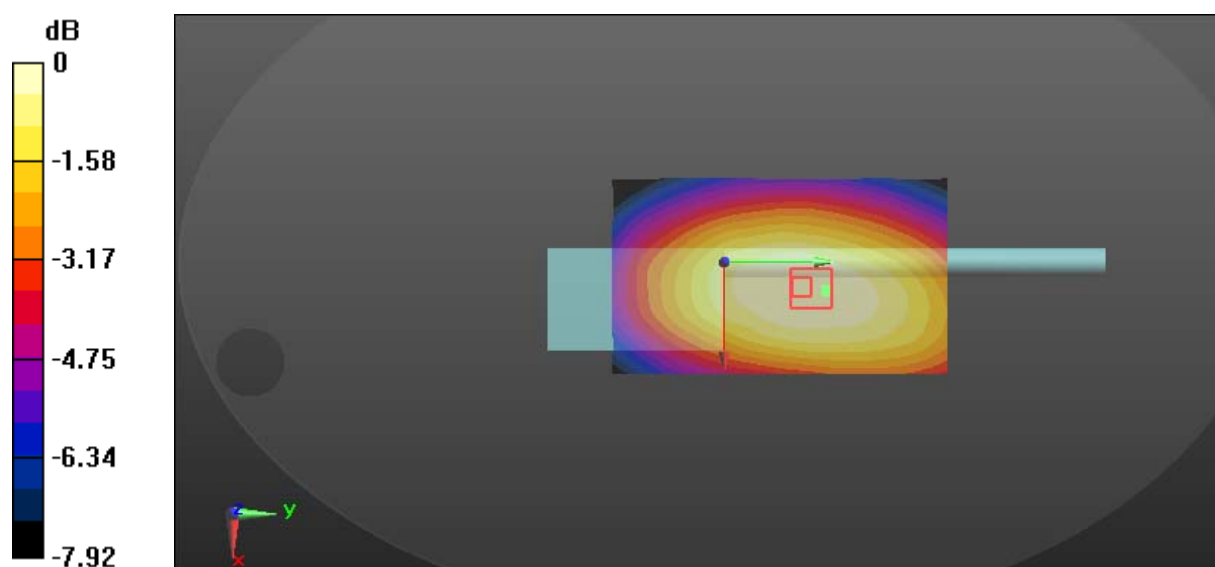
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 40.03 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 1.53 W/kg; SAR(10 g) = 1.14 W/kg

Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 1.98 W/kg = 2.97 dBW/kg

Test Plot 54#: PTT_4FSK 12.5KHz_Face Up_420 MHz_DMR-5RA**DUT: VHF/UHF Two Way Radio; Type: DMR-5RA; Serial: 16091805222**

Communication System: 4FSK; Frequency: 420 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 420$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 43.587$; $\rho = 1000$ kg/m³

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) = 2.81 W/kg

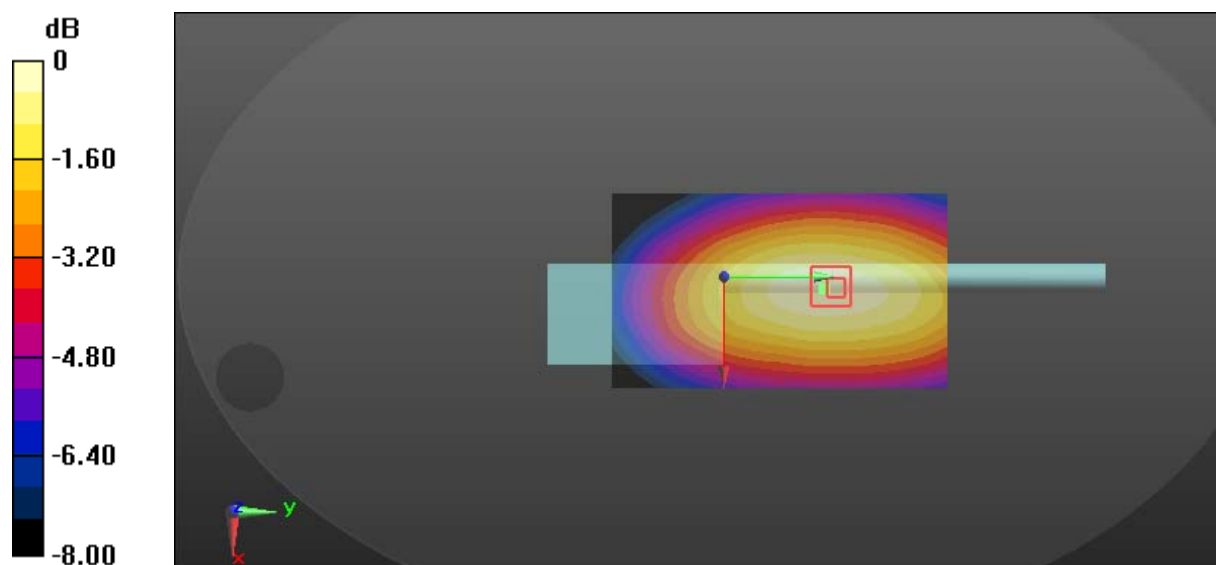
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 43.48 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.36 W/kg

SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.63 W/kg

Maximum value of SAR (measured) = 2.89 W/kg



0 dB = 2.89 W/kg = 4.61 dBW/kg

Test Plot 55#: PTT_4FSK 12.5KHz_Face Up_420 MHz_DMR-5RB**DUT: VHF/UHF Two Way Radio; Type: DMR-5RB; Serial: 16091805223**

Communication System: 4FSK; Frequency: 420 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 420$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 43.587$; $\rho = 1000$ kg/m³

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) = 2.91 W/kg

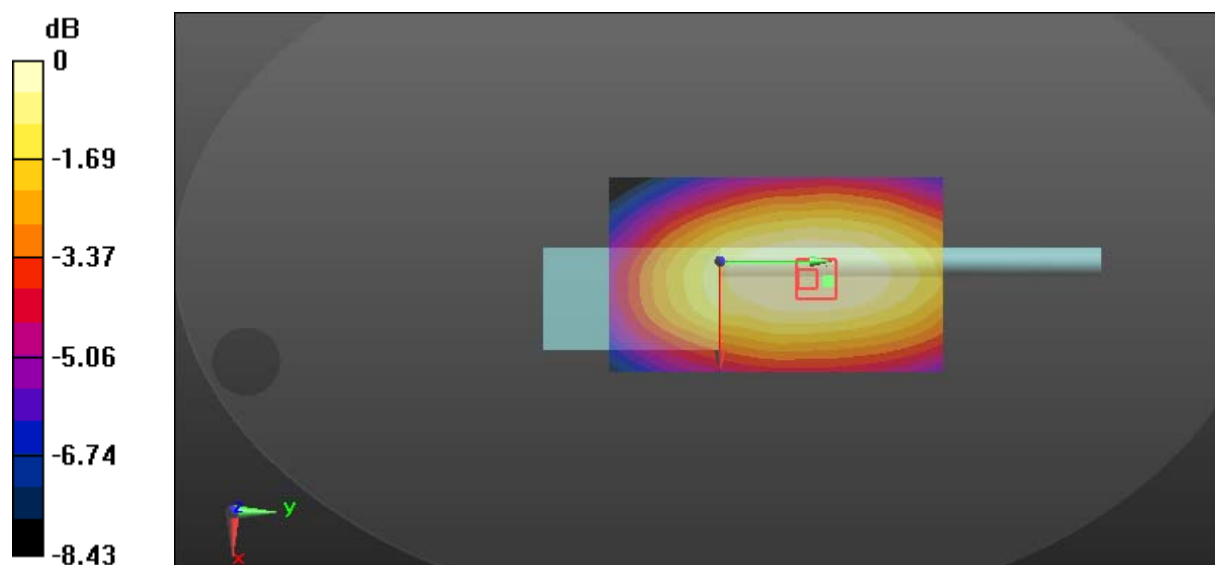
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 48.11 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.22 W/kg

SAR(1 g) = 2.12 W/kg; SAR(10 g) = 1.56 W/kg

Maximum value of SAR (measured) = 2.75 W/kg



0 dB = 2.75 W/kg = 4.39 dBW/kg

Test Plot 56#: PTT_4FSK 12.5KHz_Face Up_420 MHz_DMR-5RC**DUT: VHF/UHF Two Way Radio; Type: DMR-5RC; Serial: 16091805224**

Communication System: 4FSK; Frequency: 420 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 420$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 43.587$; $\rho = 1000$ kg/m³

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) = 2.64 W/kg

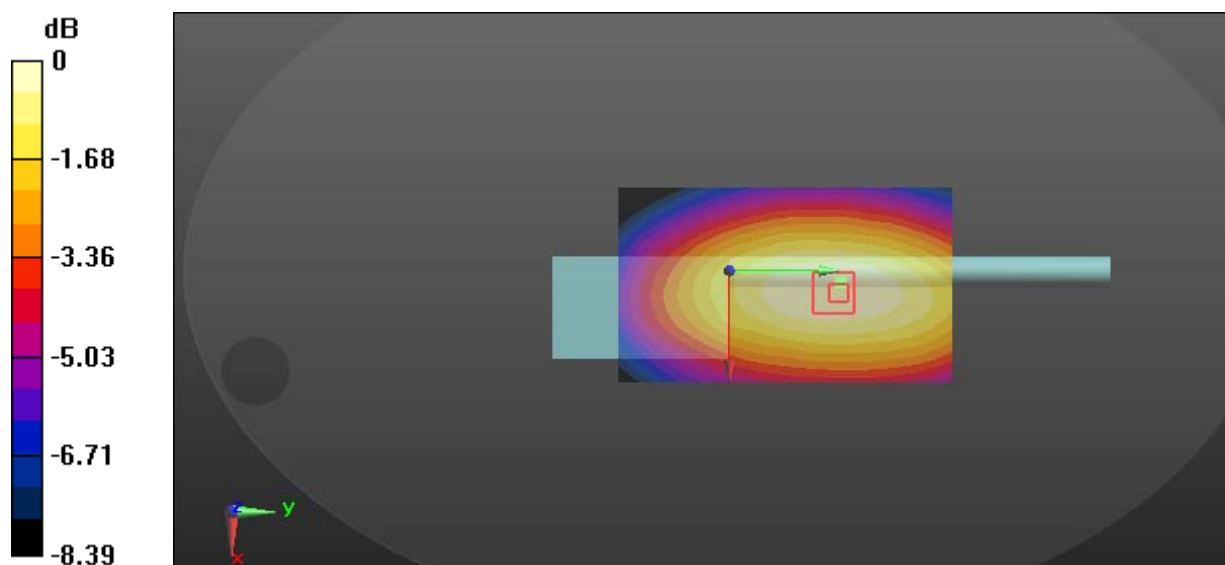
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 42.97 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.08 W/kg

SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.51 W/kg

Maximum value of SAR (measured) = 2.64 W/kg



0 dB = 2.64 W/kg = 4.22 dBW/kg

Test Plot 57#: PTT_4FSK 12.5KHz_Face Up_420 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

Communication System: 4FSK; Frequency: 420 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 420$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 43.587$; $\rho = 1000$ kg/m³

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) = 2.52 W/kg

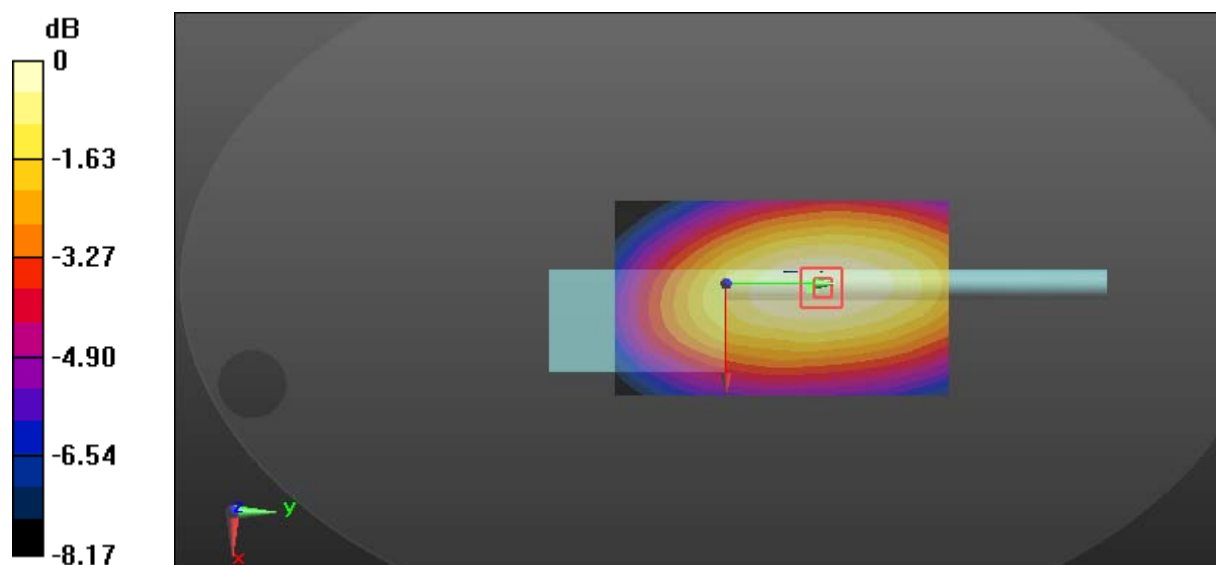
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 42.89 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 1.84 W/kg; SAR(10 g) = 1.36 W/kg

Maximum value of SAR (measured) = 2.39 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

Test Plot 58#: PTT_4FSK 12.5KHz_Face Up_420 MHz_GT-3 DMR**DUT: VHF/UHF Two Way Radio; Type: GT-3 DMR; Serial: 16091805226**

Communication System: 4FSK; Frequency: 420 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 420$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 43.587$; $\rho = 1000$ kg/m³

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) = 2.52 W/kg

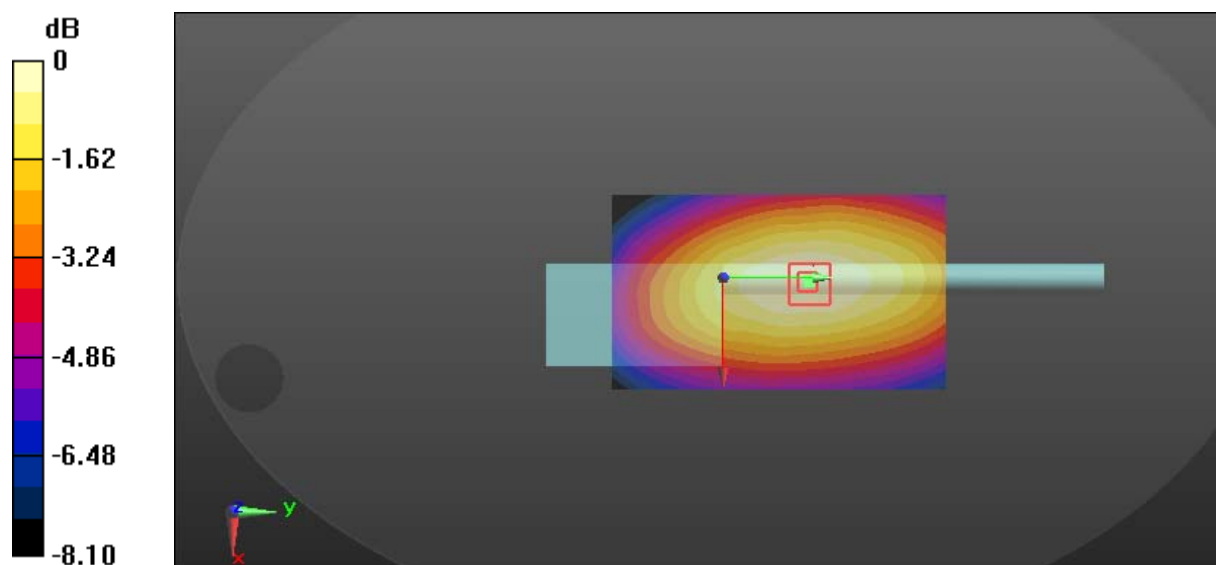
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 44.37 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.87 W/kg

SAR(1 g) = 1.88 W/kg; SAR(10 g) = 1.39 W/kg

Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.46 W/kg = 3.91 dBW/kg

Test Plot 59#: PTT_4FSK 12.5KHz_Body Back_420 MHz_DM-5R**DUT: VHF/UHF Two Way Radio; Type: DM-5R; Serial: 16091805221**

Communication System: 4FSK; Frequency: 420 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 420$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 54.892$; $\rho = 1000$ 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) = 4.28 W/kg

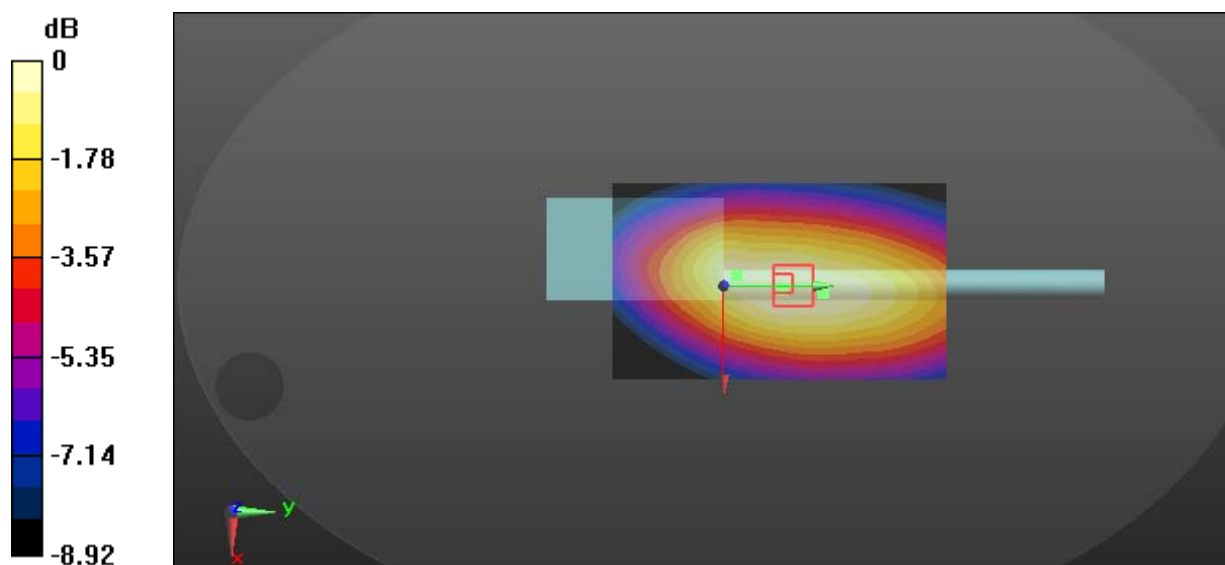
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 52.02 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 4.87 W/kg

SAR(1 g) = 3 W/kg; SAR(10 g) = 2.16 W/kg

Maximum value of SAR (measured) = 4.06 W/kg



0 dB = 4.06 W/kg = 6.09 dBW/kg

Test Plot 60#: PTT_4FSK 12.5KHz_Body Back_420 MHz_DMR-5RA**DUT: VHF/UHF Two Way Radio; Type: DMR-5RA; Serial: 16091805222**

Communication System: 4FSK; Frequency: 420 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 420$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 54.892$; $\rho = 1000$ 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) = 4.93 W/kg

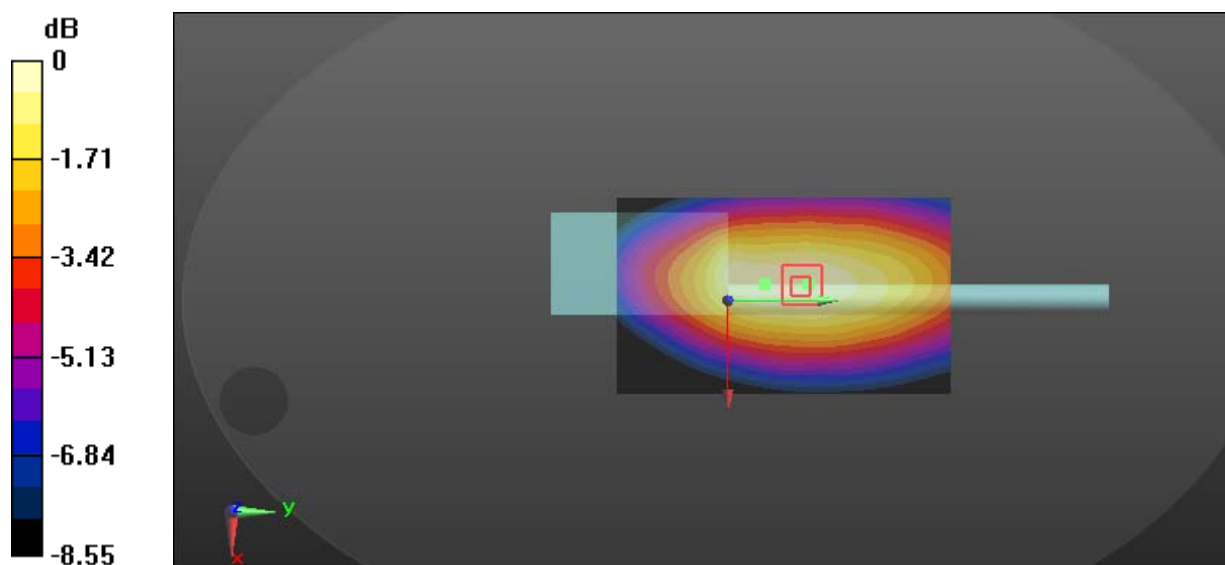
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 54.01 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 5.76 W/kg

SAR(1 g) = 3.64 W/kg; SAR(10 g) = 2.64 W/kg

Maximum value of SAR (measured) = 4.85 W/kg



0 dB = 4.85 W/kg = 6.86 dBW/kg

Test Plot 61#: PTT_4FSK 12.5KHz_Body Back_420 MHz_DMR-5RB**DUT: VHF/UHF Two Way Radio; Type: DMR-5RB; Serial: 16091805223**

Communication System: 4FSK; Frequency: 420 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 420$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 54.892$; $\rho = 1000$ 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) = 4.79 W/kg

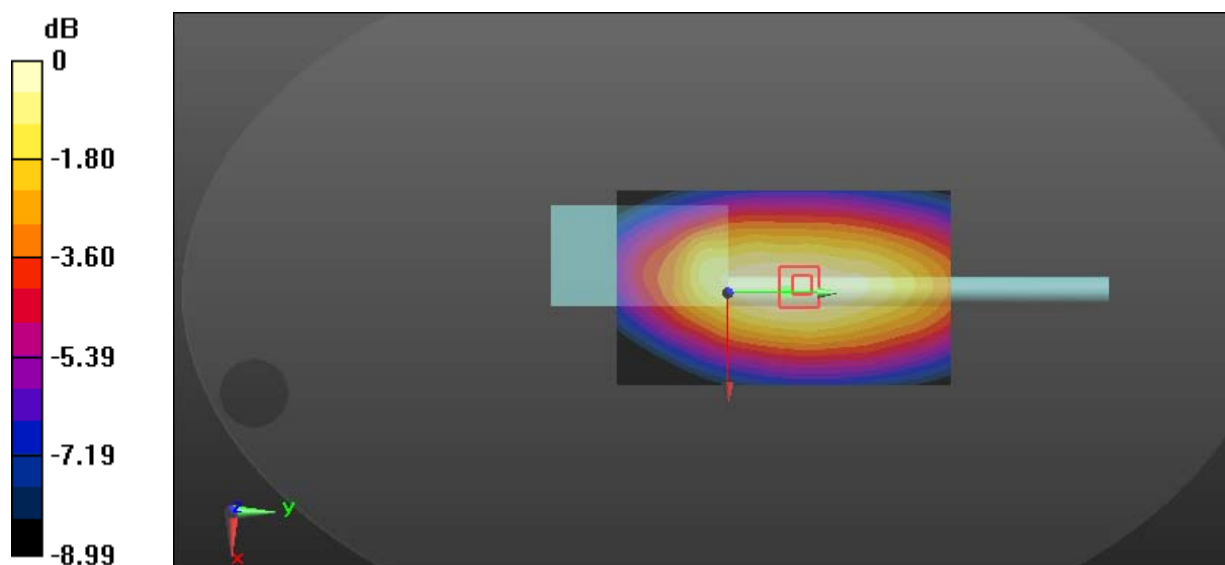
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 54.20 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 5.62 W/kg

SAR(1 g) = 3.51 W/kg; SAR(10 g) = 2.53 W/kg

Maximum value of SAR (measured) = 4.69 W/kg



0 dB = 4.69 W/kg = 6.71 dBW/kg

Test Plot 62#: PTT_4FSK 12.5KHz_Body Back_420 MHz_DMR-5RC**DUT: VHF/UHF Two Way Radio; Type: DMR-5RC; Serial: 16091805224**

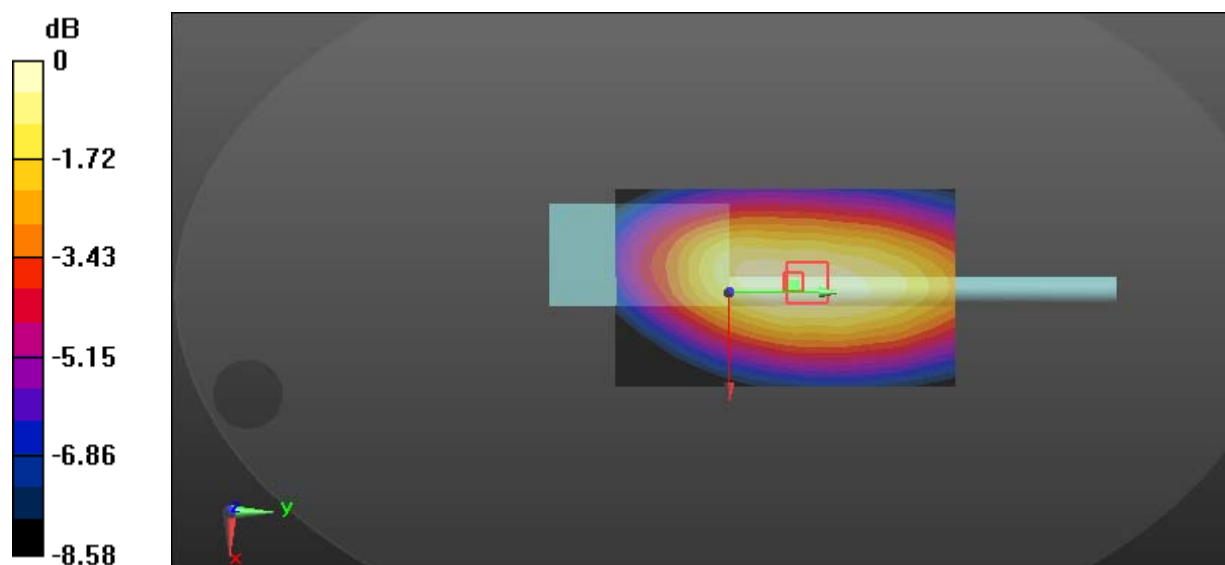
Communication System: 4FSK; Frequency: 420 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 420 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 54.892$; $\rho = 1000 \text{ kg/m}^3$

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) = 5.09 W/kg **Zoom Scan (7x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 54.06 V/m ; Power Drift = 0.07 dB Peak SAR (extrapolated) = 5.69 W/kg **SAR(1 g) = 3.7 W/kg ; SAR(10 g) = 2.65 W/kg** Maximum value of SAR (measured) = 4.88 W/kg  $0 \text{ dB} = 4.88 \text{ W/kg} = 6.88 \text{ dBW/kg}$

Test Plot 63#: PTT_4FSK 12.5KHz_Body Back_420 MHz_DMR-5RE**DUT: VHF/UHF Two Way Radio; Type: DMR-5RE; Serial: 16091805225**

Communication System: 4FSK; Frequency: 420 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 420$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 54.892$; $\rho = 1000$ 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) = 5.50 W/kg

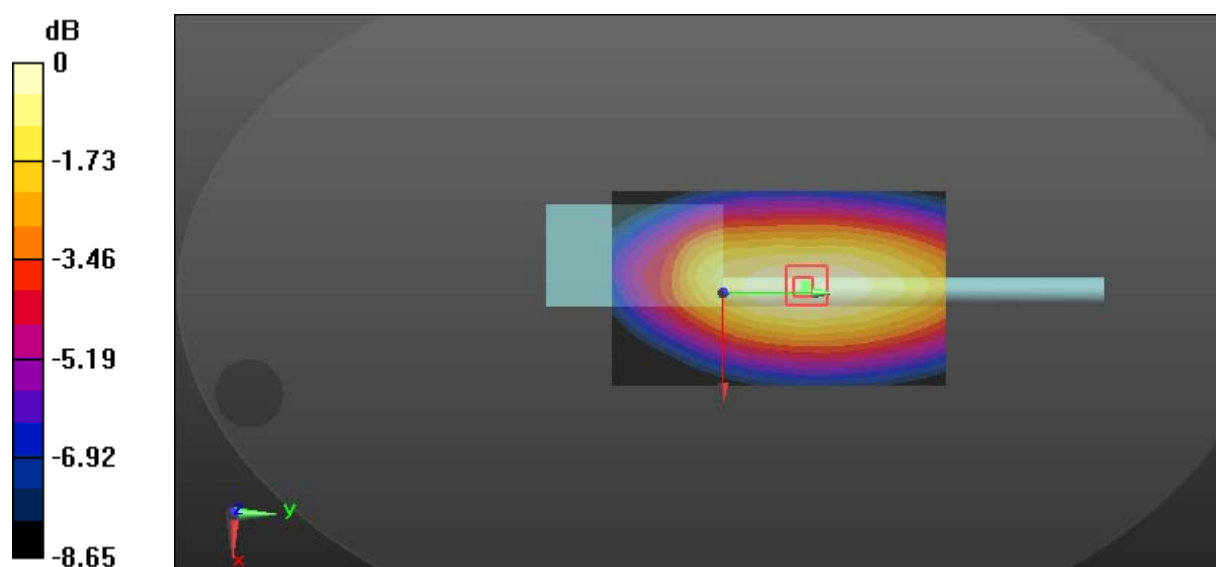
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 57.83 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 6.35 W/kg

SAR(1 g) = 4.07 W/kg; SAR(10 g) = 2.94 W/kg

Maximum value of SAR (measured) = 5.40 W/kg



0 dB = 5.40 W/kg = 7.32 dBW/kg

Test Plot 64#: PTT_4FSK 12.5KHz_Body Back_420 MHz_GT-3 DMR**DUT: VHF/UHF Two Way Radio; Type: GT-3 DMR; Serial: 16091805226**

Communication System: 4FSK; Frequency: 420 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 420$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 54.892$; $\rho = 1000$ 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) = 5.91 W/kg

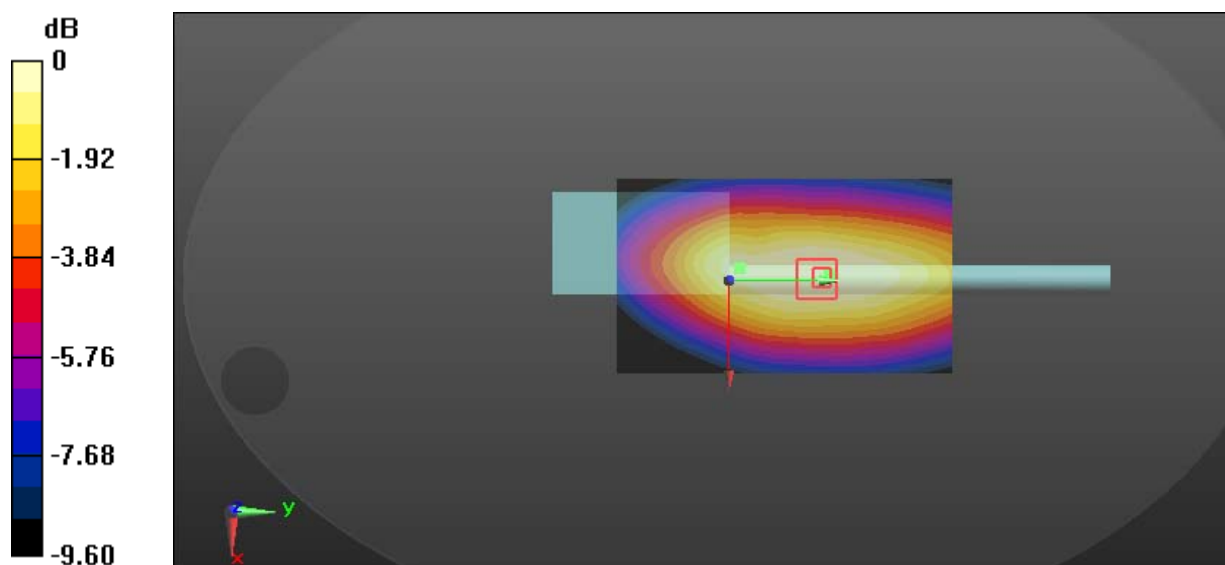
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 60.46 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 6.56 W/kg

SAR(1 g) = 4.08 W/kg; SAR(10 g) = 2.91 W/kg

Maximum value of SAR (measured) = 5.51 W/kg



0 dB = 5.51 W/kg = 7.41 dBW/kg