

Test Plot 1#: PTT_FM 12.5kHz_Face Up_435 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

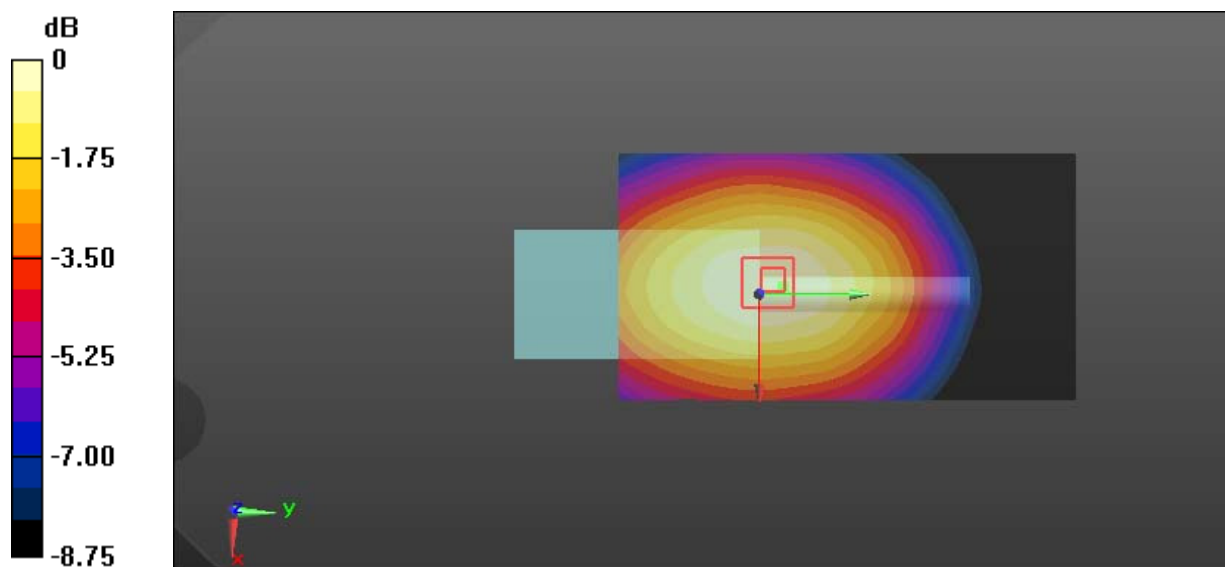
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

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

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 (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.84 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 74.63 V/m ; Power Drift = -0.20 dB Peak SAR (extrapolated) = 6.76 W/kg **SAR(1 g) = 4.44 W/kg ; SAR(10 g) = 3.27 W/kg** Maximum value of SAR (measured) = 5.73 W/kg  $0 \text{ dB} = 5.73 \text{ W/kg} = 7.58 \text{ dBW/kg}$

Test Plot 2#: PTT_FM 25kHz_Face Up_435 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

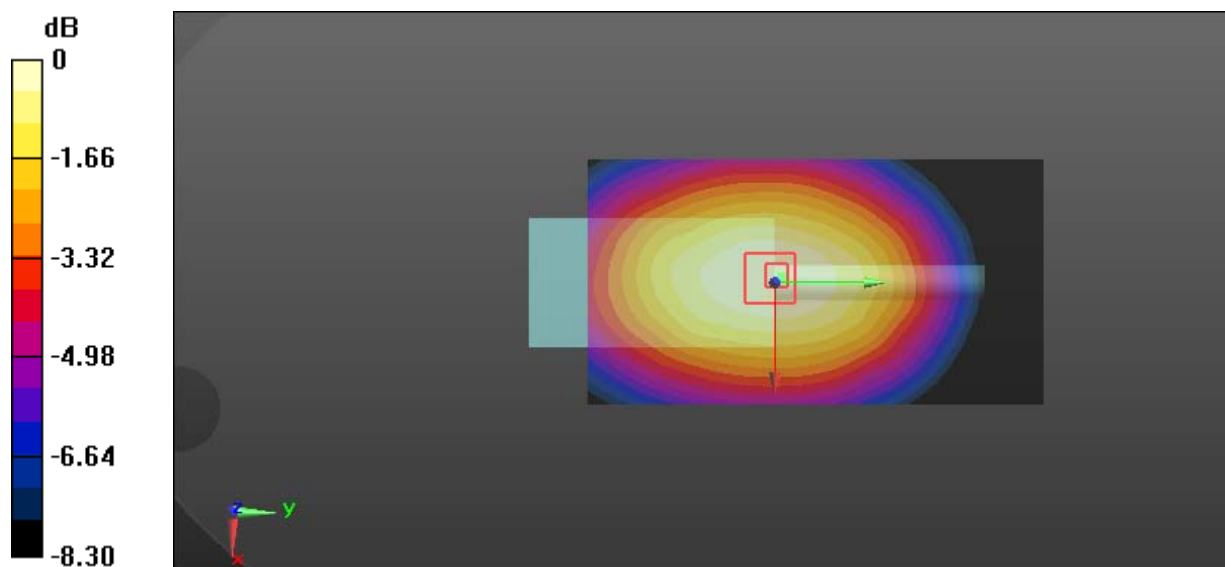
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

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

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 (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.80 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 79.57 V/m ; Power Drift = -0.05 dB Peak SAR (extrapolated) = 7.54 W/kg **SAR(1 g) = 5.11 W/kg ; SAR(10 g) = 3.82 W/kg** Maximum value of SAR (measured) = 6.52 W/kg  $0 \text{ dB} = 6.52 \text{ W/kg} = 8.14 \text{ dBW/kg}$

Test Plot 3#: PTT_4FSK 12.5kHz_Face Up_435 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

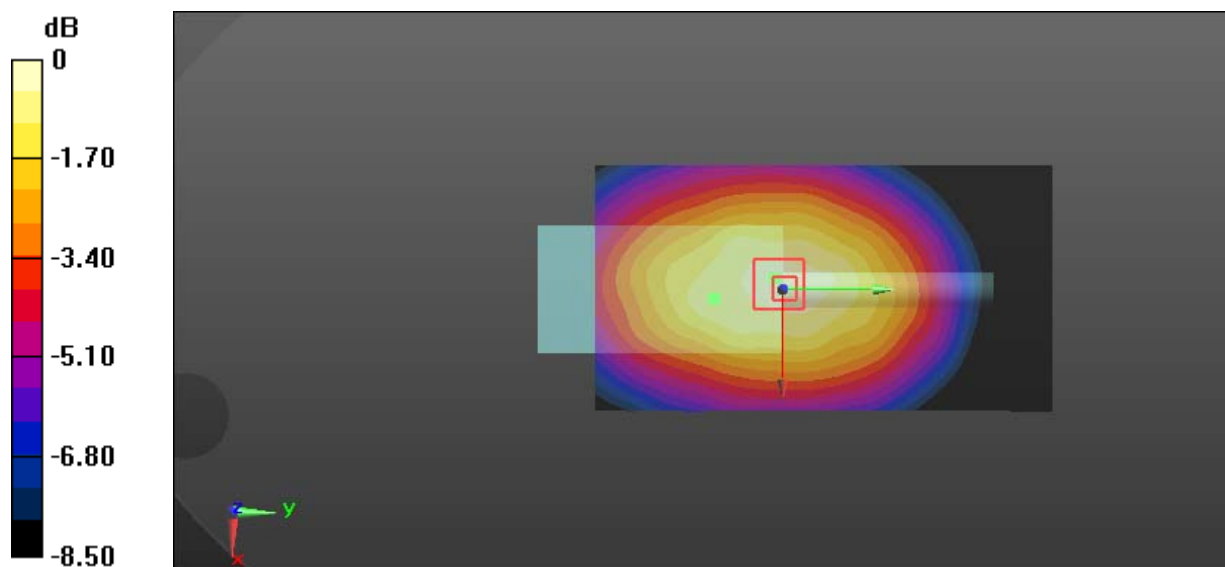
Communication System: 4FSK; Frequency: 435 MHz; Duty Cycle: 1:2

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

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 (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.15 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 56.61 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 3.88 W/kg **SAR(1 g) = 2.57 W/kg ; SAR(10 g) = 1.9 W/kg** Maximum value of SAR (measured) = 3.33 W/kg  $0 \text{ dB} = 3.33 \text{ W/kg} = 5.22 \text{ dBW/kg}$

Test Plot 4#: PTT_FM 12.5kHz_Body Back_400.0125 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 55.671$; $\rho = 1000$ 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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

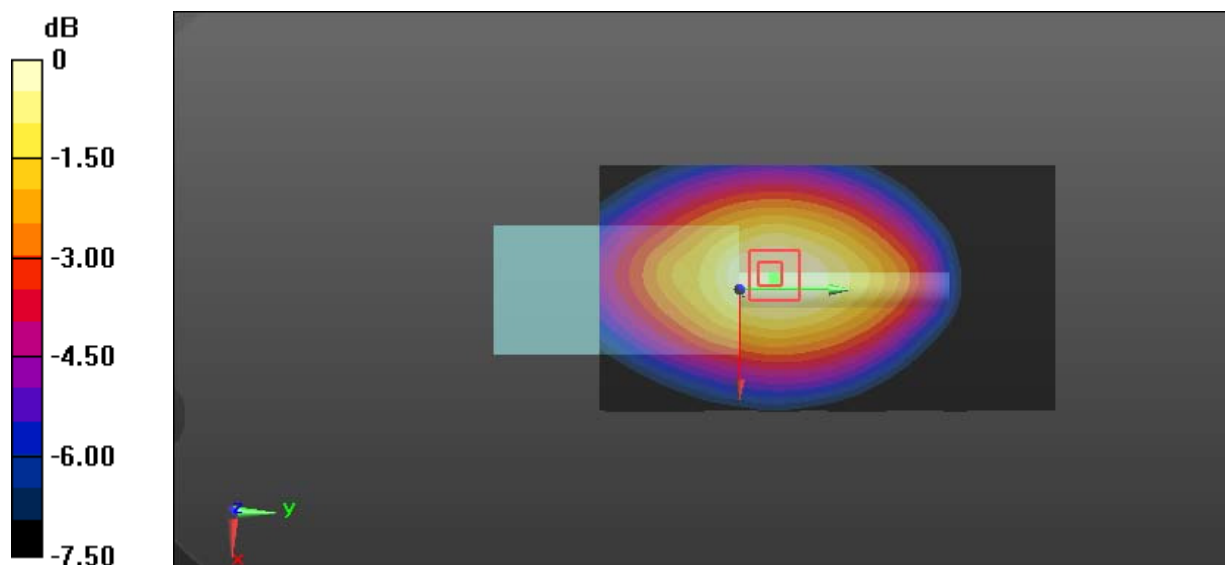
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.89 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 8.77 W/kg; SAR(10 g) = 6.8 W/kg

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



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

Test Plot 5#: PTT_FM 12.5kHz_Body Back_417 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

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

Medium parameters used: $f = 417$ MHz; $\sigma = 0.949$ S/m; $\epsilon_r = 55.406$; $\rho = 1000$ 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 (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 13.9 W/kg

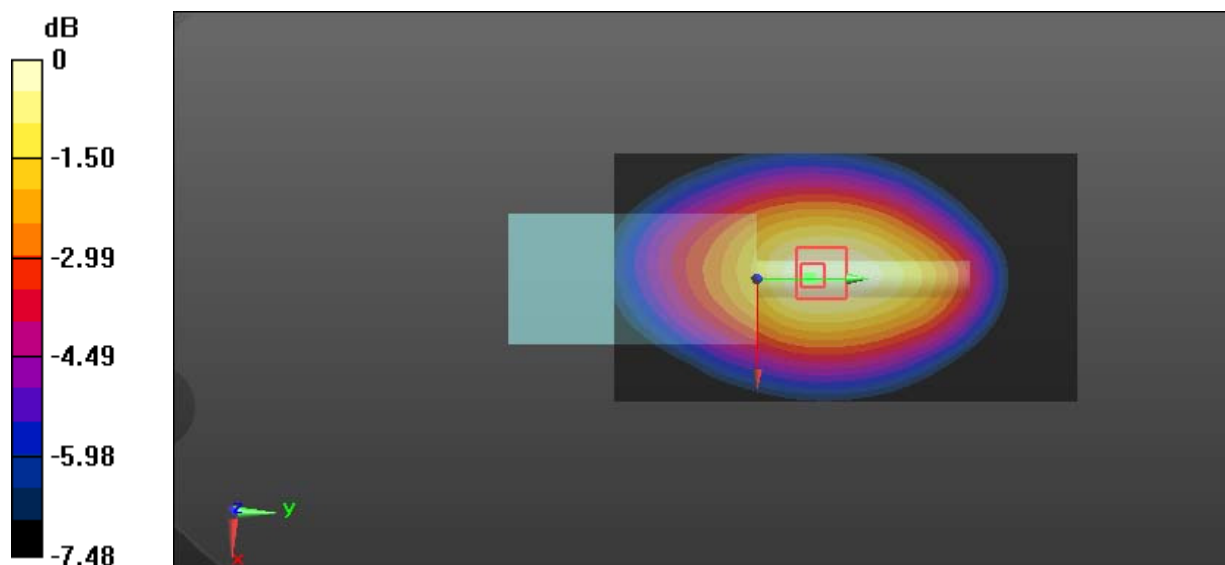
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 95.93 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 15.9 W/kg

SAR(1 g) = 11.4 W/kg; SAR(10 g) = 8.93 W/kg

Maximum value of SAR (measured) = 14.2 W/kg



0 dB = 14.2 W/kg = 11.52 dBW/kg

Test Plot 6#: PTT_FM 12.5kHz_Body Back_435 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

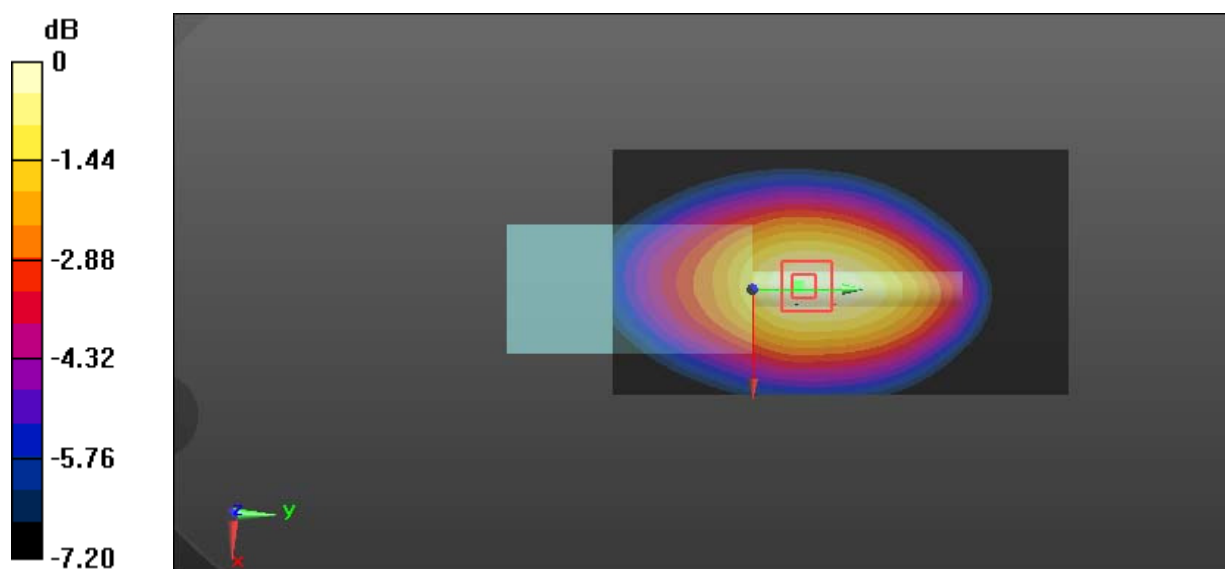
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 435 \text{ MHz}$; $\sigma = 0.935 \text{ S/m}$; $\epsilon_r = 54.981$; $\rho = 1000 \text{ kg/m}^3$

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) = 12.1 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 91.18 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 13.5 W/kg **SAR(1 g) = 9.6 W/kg ; SAR(10 g) = 7.5 W/kg** Maximum value of SAR (measured) = 11.9 W/kg 0 dB = 11.9 W/kg = 10.76 dBW/kg

Test Plot 7#: PTT_FM 12.5kHz_Body Back_452 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

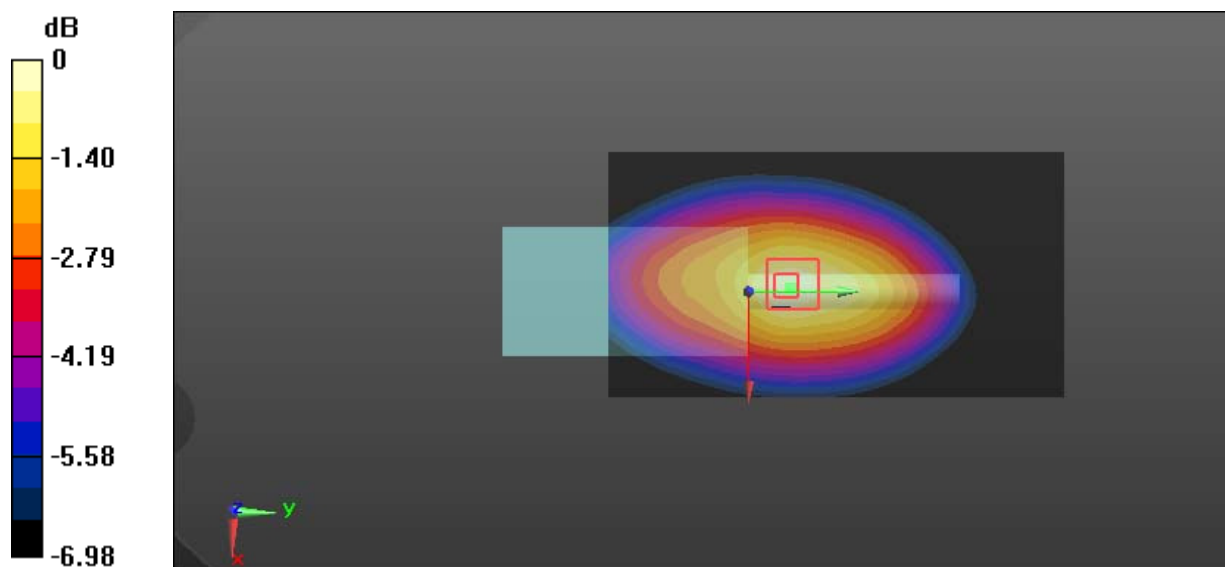
Communication System: FM; Frequency: 452 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 452 \text{ MHz}$; $\sigma = 0.947 \text{ S/m}$; $\epsilon_r = 54.575$; $\rho = 1000 \text{ kg/m}^3$

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) = 9.01 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 80.66 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 10.3 W/kg **SAR(1 g) = 7.23 W/kg ; SAR(10 g) = 5.66 W/kg** Maximum value of SAR (measured) = 9.04 W/kg  $0 \text{ dB} = 9.04 \text{ W/kg} = 9.56 \text{ dBW/kg}$

Test Plot 8#: PTT_FM 12.5kHz_Body Back_469.9875 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

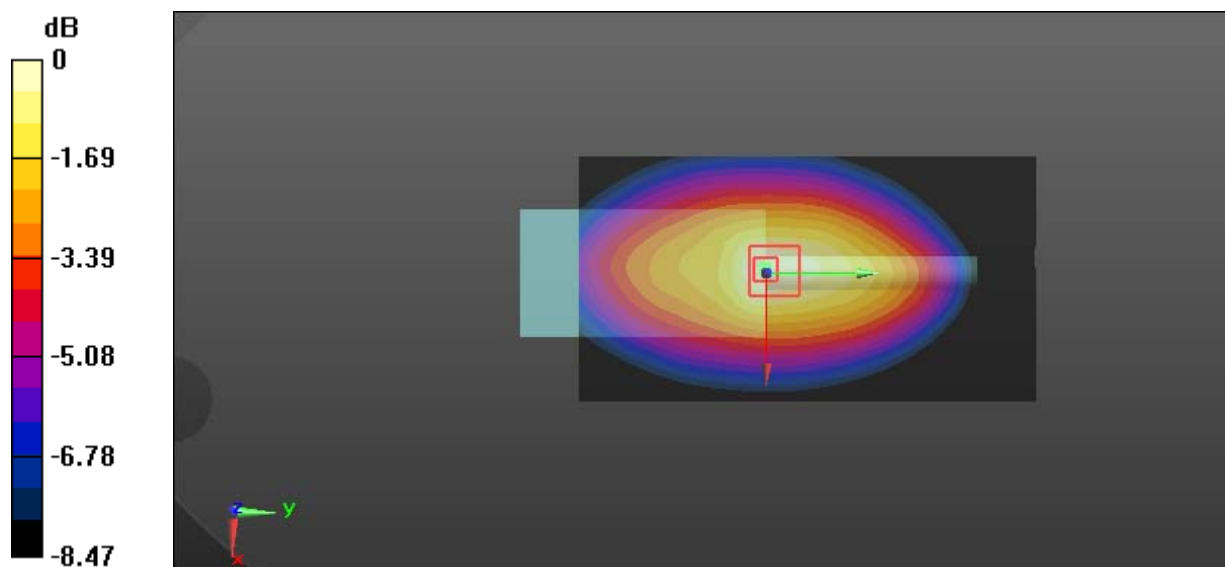
Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988 \text{ MHz}$; $\sigma = 0.961 \text{ S/m}$; $\epsilon_r = 53.976$; $\rho = 1000 \text{ kg/m}^3$

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) = 6.05 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 70.27 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 6.94 W/kg **SAR(1 g) = 4.6 W/kg ; SAR(10 g) = 3.27 W/kg** Maximum value of SAR (measured) = 6.07 W/kg  $0 \text{ dB} = 6.07 \text{ W/kg} = 7.83 \text{ dBW/kg}$

Test Plot 9#: PTT_FM 25kHz_Body Back_400.0125 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 55.671$; $\rho = 1000$ 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 (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

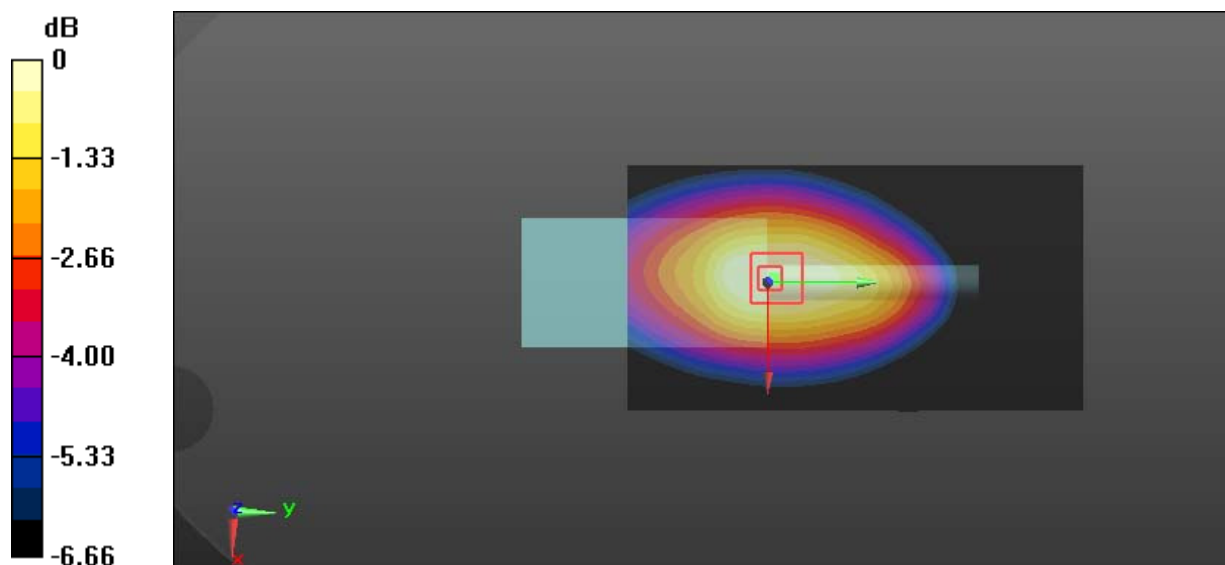
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 96.76 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 8.62 W/kg; SAR(10 g) = 6.51 W/kg

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



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

Test Plot 10#: PTT_FM 25kHz_Body Back_417 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

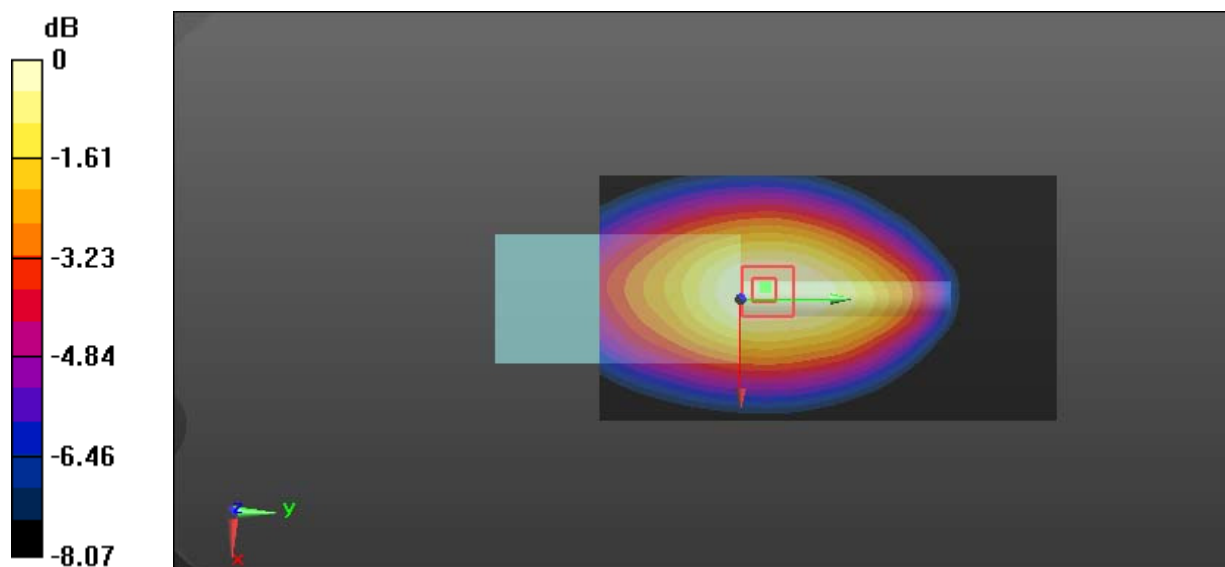
Communication System: FM; Frequency: 417 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 417 \text{ MHz}$; $\sigma = 0.949 \text{ S/m}$; $\epsilon_r = 55.406$; $\rho = 1000 \text{ kg/m}^3$

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) = 12.6 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 108.7 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 15.5 W/kg **SAR(1 g) = 10.9 W/kg ; SAR(10 g) = 8.06 W/kg** Maximum value of SAR (measured) = 13.7 W/kg  $0 \text{ dB} = 13.7 \text{ W/kg} = 11.37 \text{ dBW/kg}$

Test Plot 11#: PTT_FM 25kHz_Body Back_435 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

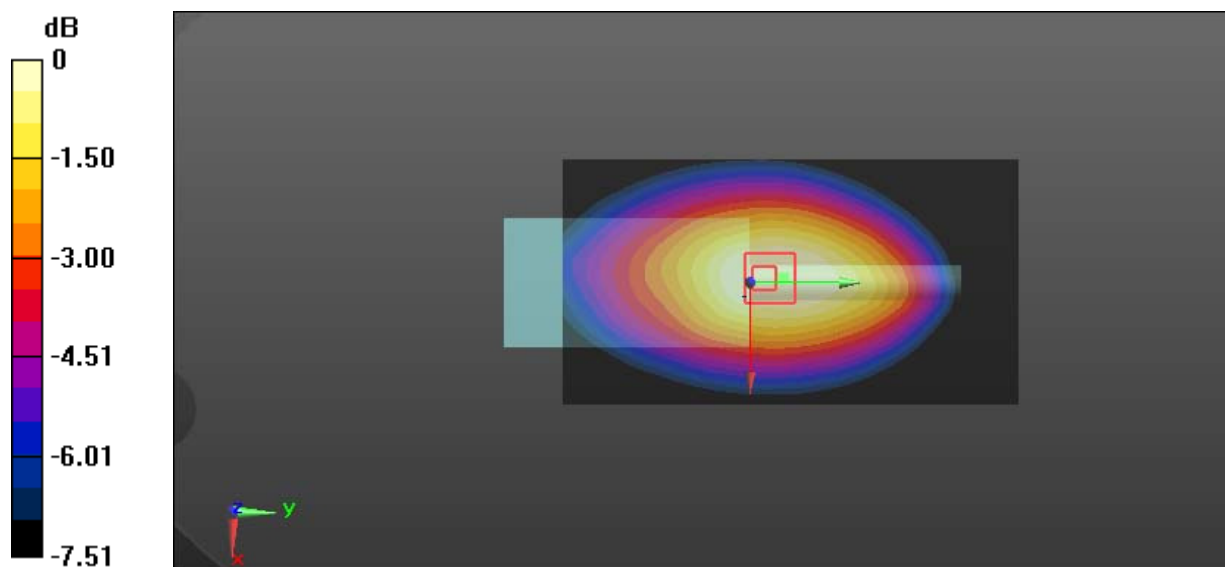
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 435 \text{ MHz}$; $\sigma = 0.935 \text{ S/m}$; $\epsilon_r = 54.981$; $\rho = 1000 \text{ kg/m}^3$

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) = 12.1 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 101.3 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 13.0 W/kg **SAR(1 g) = 9.23 W/kg ; SAR(10 g) = 6.81 W/kg** Maximum value of SAR (measured) = 11.6 W/kg  $0 \text{ dB} = 11.6 \text{ W/kg} = 10.64 \text{ dBW/kg}$

Test Plot 12#: PTT_FM 25kHz_Body Back_452 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

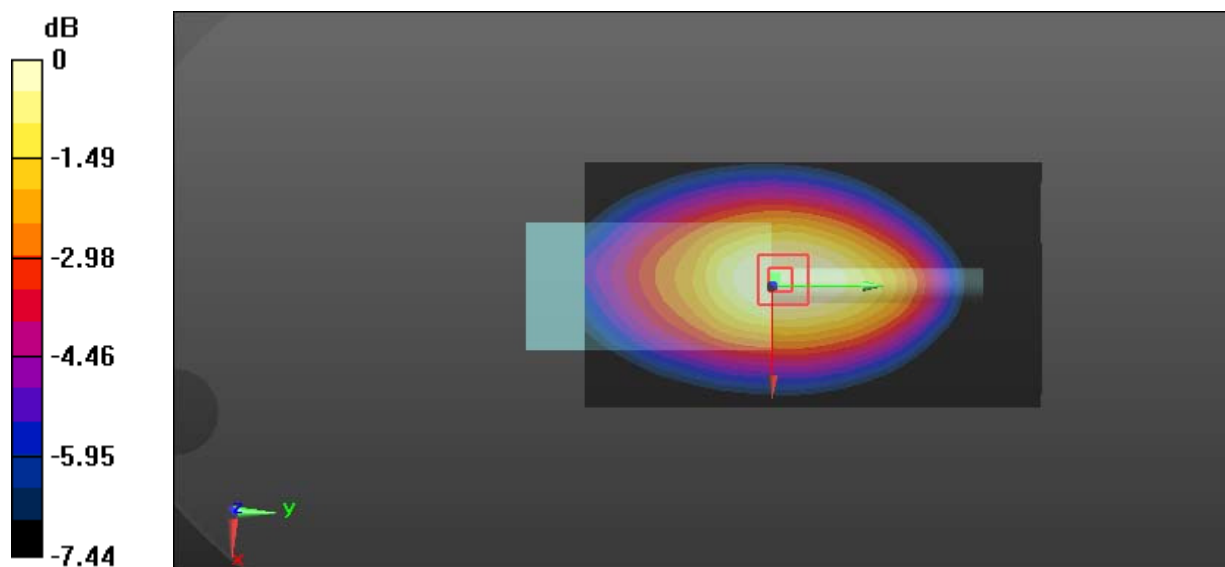
Communication System: FM; Frequency: 452 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 452 \text{ MHz}$; $\sigma = 0.947 \text{ S/m}$; $\epsilon_r = 54.575$; $\rho = 1000 \text{ kg/m}^3$

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) = 9.12 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 87.22 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 9.84 W/kg **SAR(1 g) = 7.03 W/kg ; SAR(10 g) = 5.15 W/kg** Maximum value of SAR (measured) = 8.83 W/kg  $0 \text{ dB} = 8.83 \text{ W/kg} = 9.46 \text{ dBW/kg}$

Test Plot 13#: PTT_FM 25kHz_Body Back_469.9875 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.961$ S/m; $\epsilon_r = 53.976$; $\rho = 1000$ 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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.82 W/kg

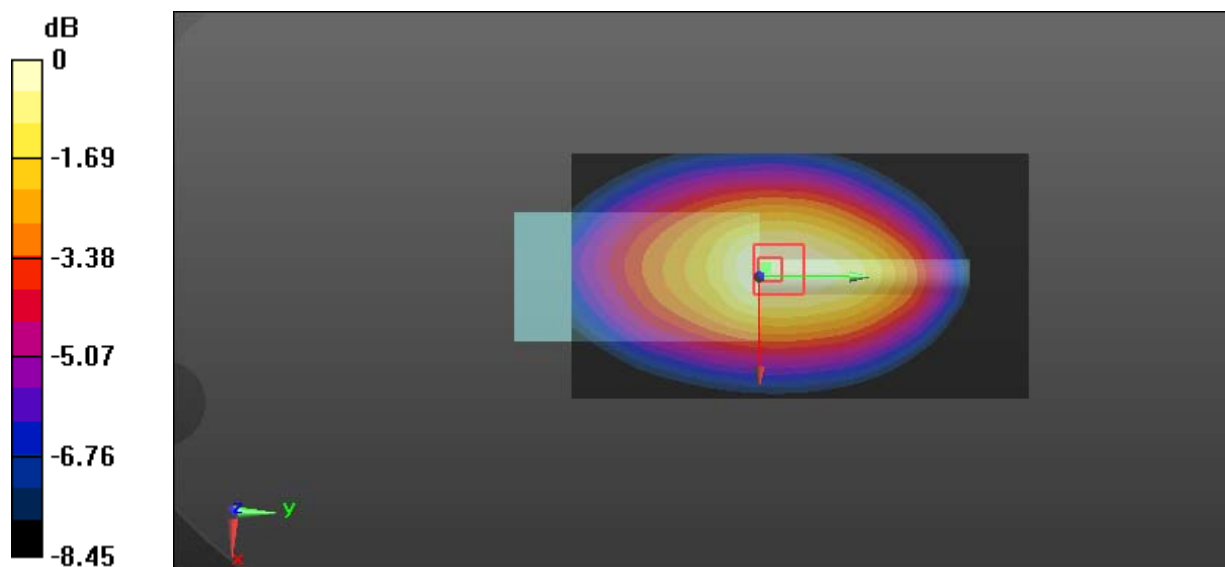
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 69.40 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.50 W/kg

SAR(1 g) = 4.56 W/kg; SAR(10 g) = 3.3 W/kg

Maximum value of SAR (measured) = 5.81 W/kg



0 dB = 5.81 W/kg = 7.64 dBW/kg

Test Plot 14#: PTT_4FSK 12.5kHz_Body Back_417 MHz**DUT: Digital Poratable Radio; Type: PD562i U(1); Serial: 17122000820**

Communication System: 4FSK; Frequency: 417 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 417$ MHz; $\sigma = 0.949$ S/m; $\epsilon_r = 55.406$; $\rho = 1000$ 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 (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 8.10 W/kg

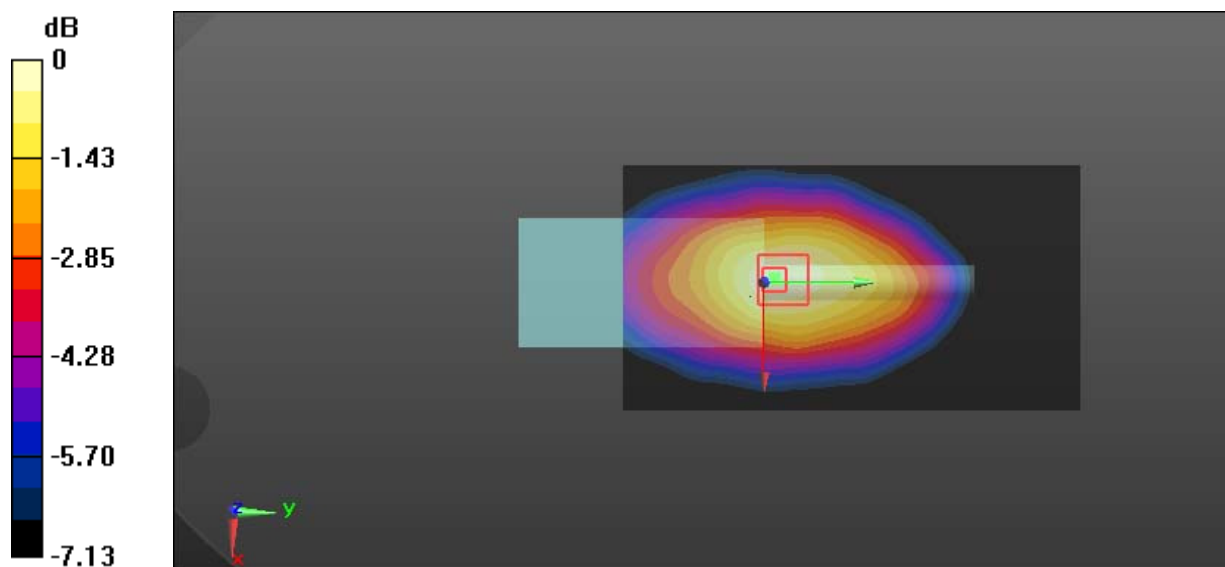
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 83.51 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 9.36 W/kg

SAR(1 g) = 6.38 W/kg; SAR(10 g) = 4.76 W/kg

Maximum value of SAR (measured) = 8.25 W/kg



0 dB = 8.25 W/kg = 9.16 dBW/kg