

Test Plot 1#: PTT_FM 12.5KHz_Face Up_136.0125 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

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

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.755$ S/m; $\epsilon_r = 51.812$; $\rho = 1000$ 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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.69 W/kg

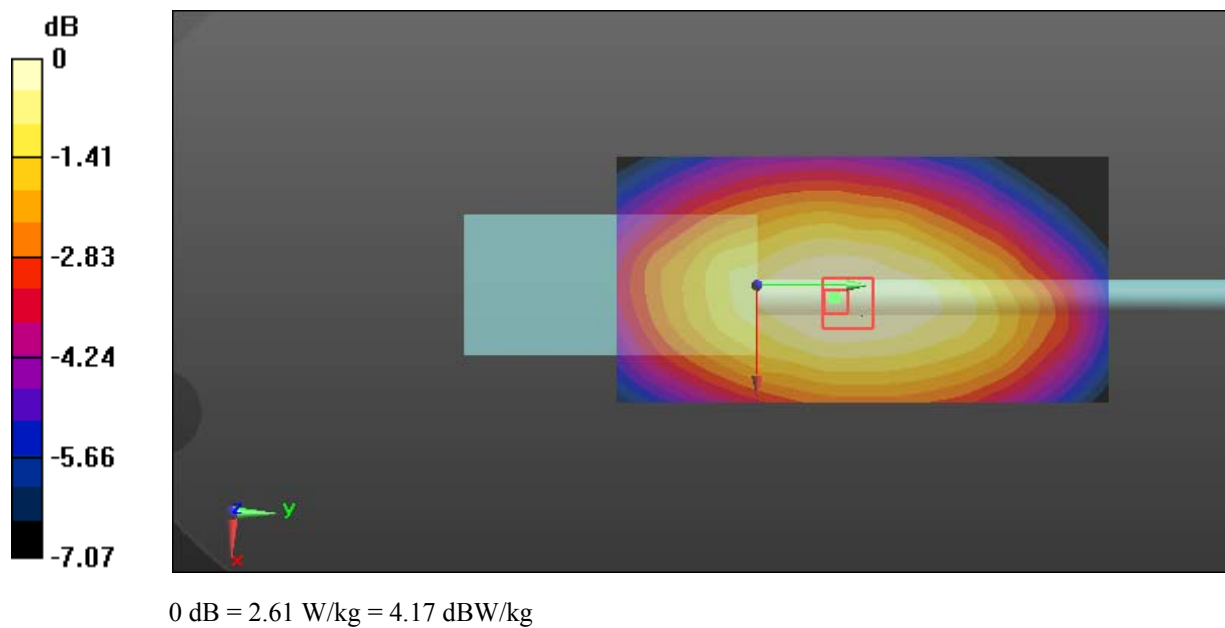
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.92 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 3.07 W/kg

SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.51 W/kg

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



Test Plot 2#: PTT_FM 12.5KHz_Body Back_136.0125 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

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

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.814$ S/m; $\epsilon_r = 60.812$; $\rho = 1000$ 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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 13.0 W/kg

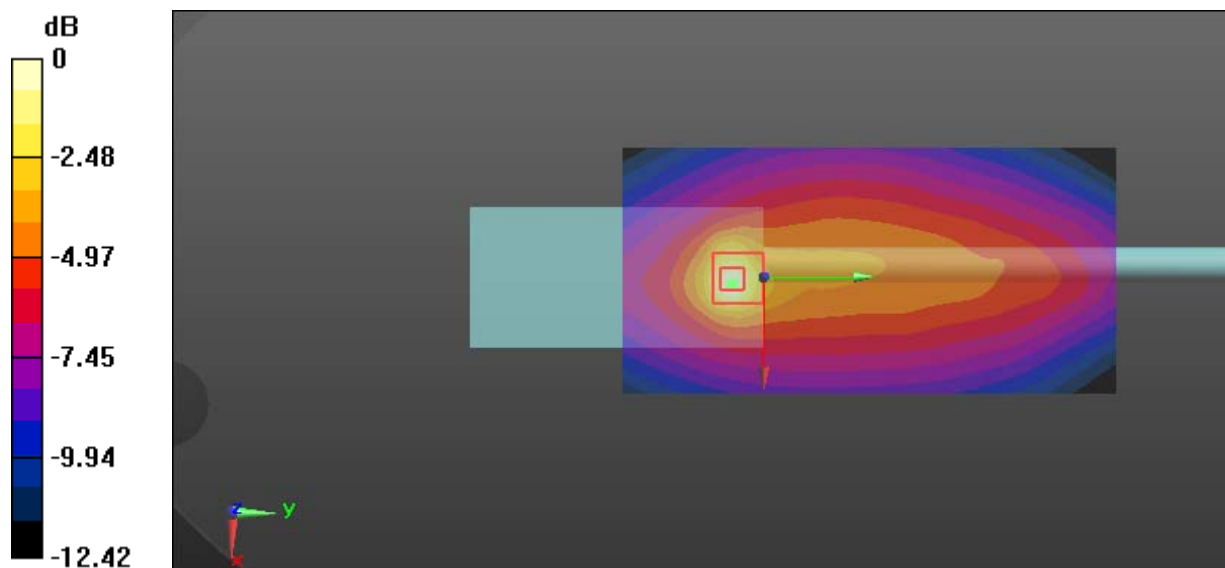
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 79.38 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 20.5 W/kg

SAR(1 g) = 7.16 W/kg; SAR(10 g) = 4.04 W/kg

Maximum value of SAR (measured) = 13.3 W/kg



0 dB = 13.3 W/kg = 11.24 dBW/kg

Test Plot 3#: PTT_FM 12.5KHz_Body Back_144 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

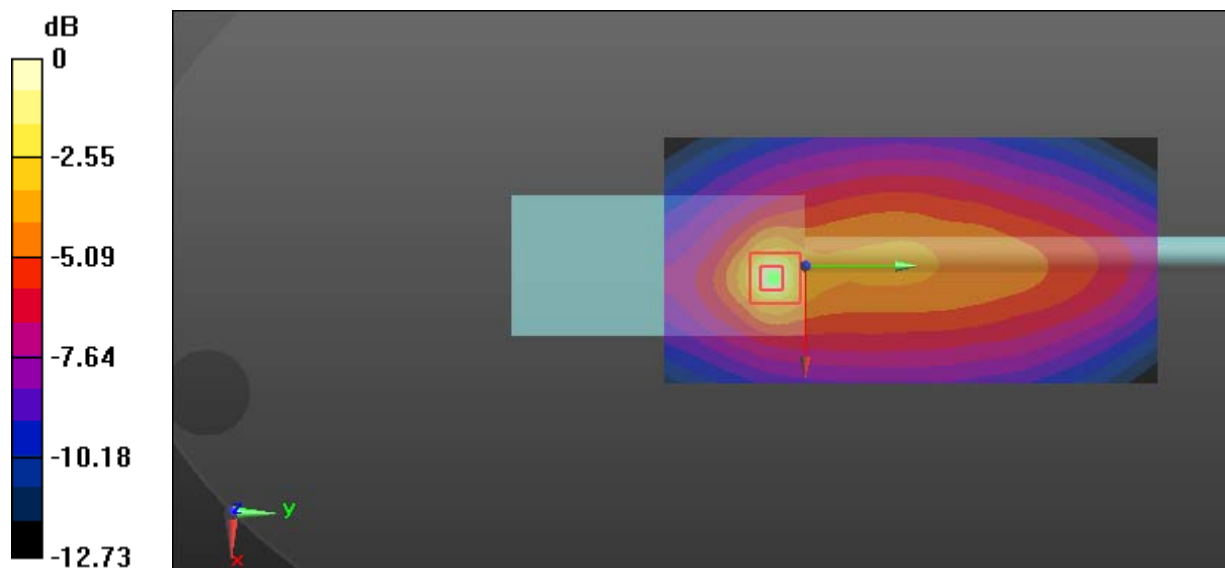
Communication System: FM; Frequency: 144 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144 \text{ MHz}$; $\sigma = 0.822 \text{ S/m}$; $\epsilon_r = 60.754$; $\rho = 1000 \text{ kg/m}^3$

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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): 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 = 69.59 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 19.9 W/kg **SAR(1 g) = 6.21 W/kg ; SAR(10 g) = 3.41 W/kg** Maximum value of SAR (measured) = 12.3 W/kg  $0 \text{ dB} = 12.3 \text{ W/kg} = 10.90 \text{ dBW/kg}$

Test Plot 4#: PTT_FM 12.5KHz_Body Back_155 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

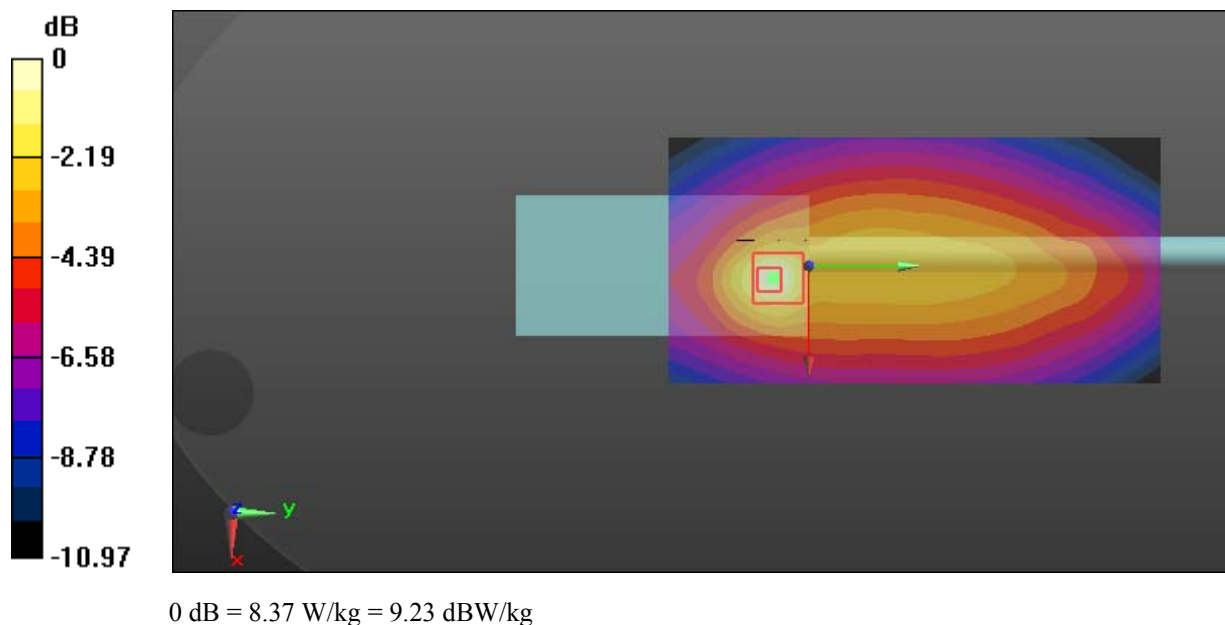
Communication System: FM; Frequency: 155 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 155 \text{ MHz}$; $\sigma = 0.834 \text{ S/m}$; $\epsilon_r = 60.707$; $\rho = 1000 \text{ kg/m}^3$

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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.64 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 67.53 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 12.1 W/kg **SAR(1 g) = 5.04 W/kg ; SAR(10 g) = 3.08 W/kg** Maximum value of SAR (measured) = 8.37 W/kg 

Test Plot 5#: PTT_FM 12.5KHz_Body Back_164 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

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

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.839 \text{ S/m}$; $\epsilon_r = 60.683$; $\rho = 1000 \text{ kg/m}^3$

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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 5.83 W/kg

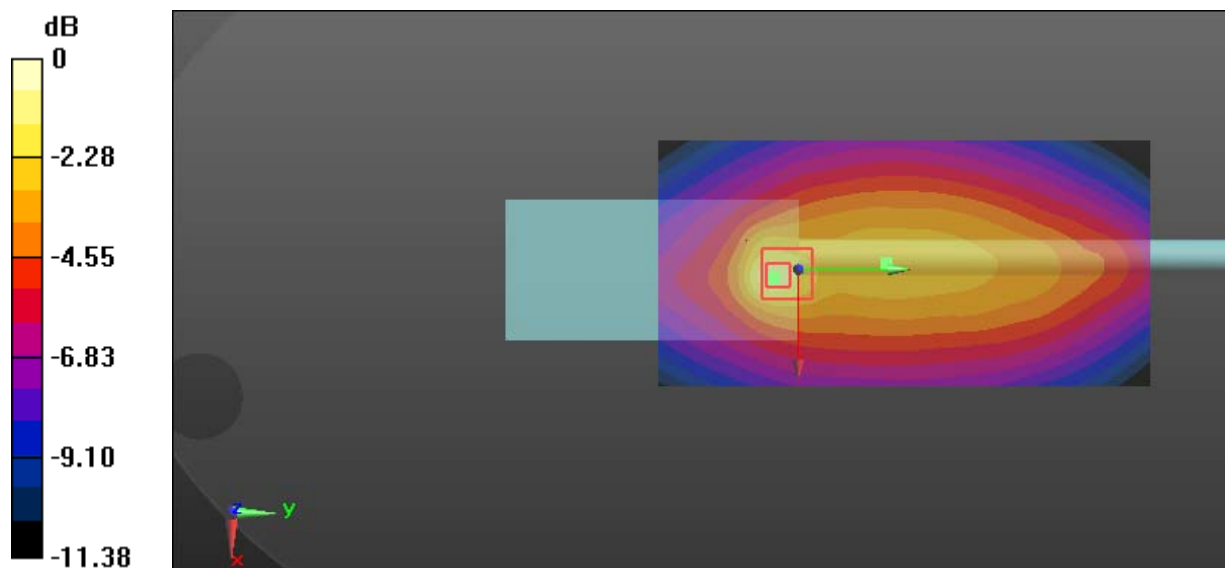
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 64.73 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 4.04 W/kg; SAR(10 g) = 2.51 W/kg

Maximum value of SAR (measured) = 7.10 W/kg

 $0 \text{ dB} = 7.10 \text{ W/kg} = 8.51 \text{ dBW/kg}$

Test Plot 6#: PTT_FM 12.5KHz_Body Back_173.9875 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

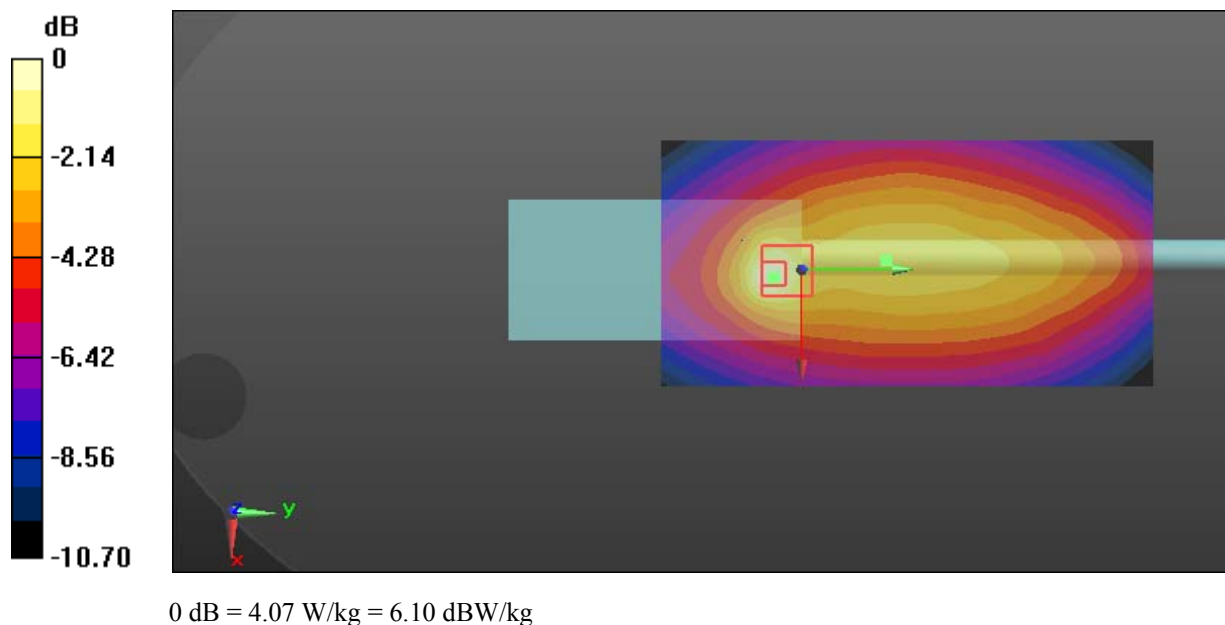
Communication System: FM; Frequency: 173.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 173.988 \text{ MHz}$; $\sigma = 0.841 \text{ S/m}$; $\epsilon_r = 60.635$; $\rho = 1000 \text{ kg/m}^3$

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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 4.08 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 50.42 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 5.61 W/kg **SAR(1 g) = 2.47 W/kg ; SAR(10 g) = 1.61 W/kg** Maximum value of SAR (measured) = 4.07 W/kg 

Test Plot 7#: PTT_FM 25KHz_Face Up_136.0125 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

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

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.755$ S/m; $\epsilon_r = 51.812$; $\rho = 1000$ 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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.59 W/kg

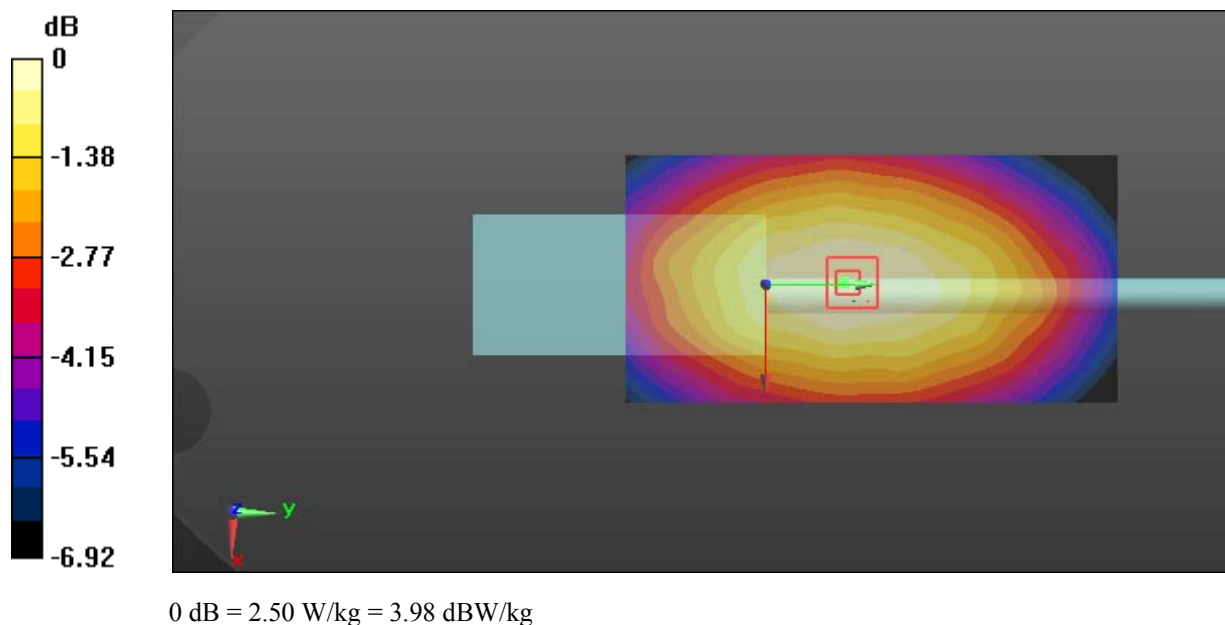
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.57 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.94 W/kg

SAR(1 g) = 1.91 W/kg; SAR(10 g) = 1.46 W/kg

Maximum value of SAR (measured) = 2.50 W/kg



Test Plot 8#: PTT_FM 25KHz_Body Back_136.0125 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

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

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.814$ S/m; $\epsilon_r = 60.812$; $\rho = 1000$ 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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 15.8 W/kg

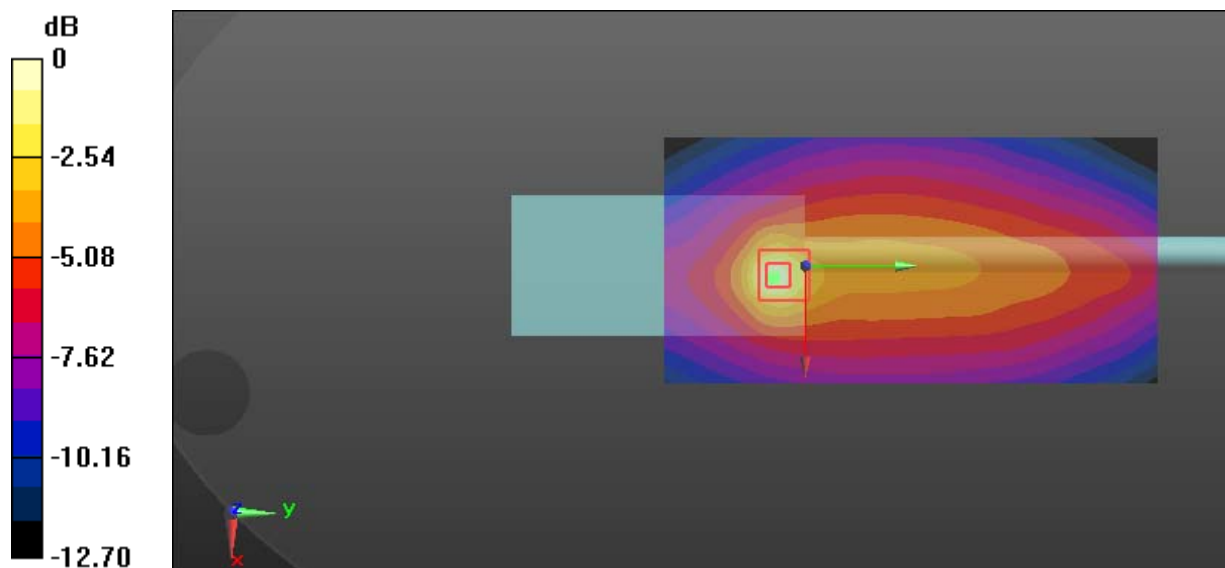
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 87.78 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 24.5 W/kg

SAR(1 g) = 8.17 W/kg; SAR(10 g) = 4.58 W/kg

Maximum value of SAR (measured) = 15.8 W/kg



0 dB = 15.8 W/kg = 11.99 dBW/kg

Test Plot 9#: PTT_FM 25KHz_Body Back_144 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

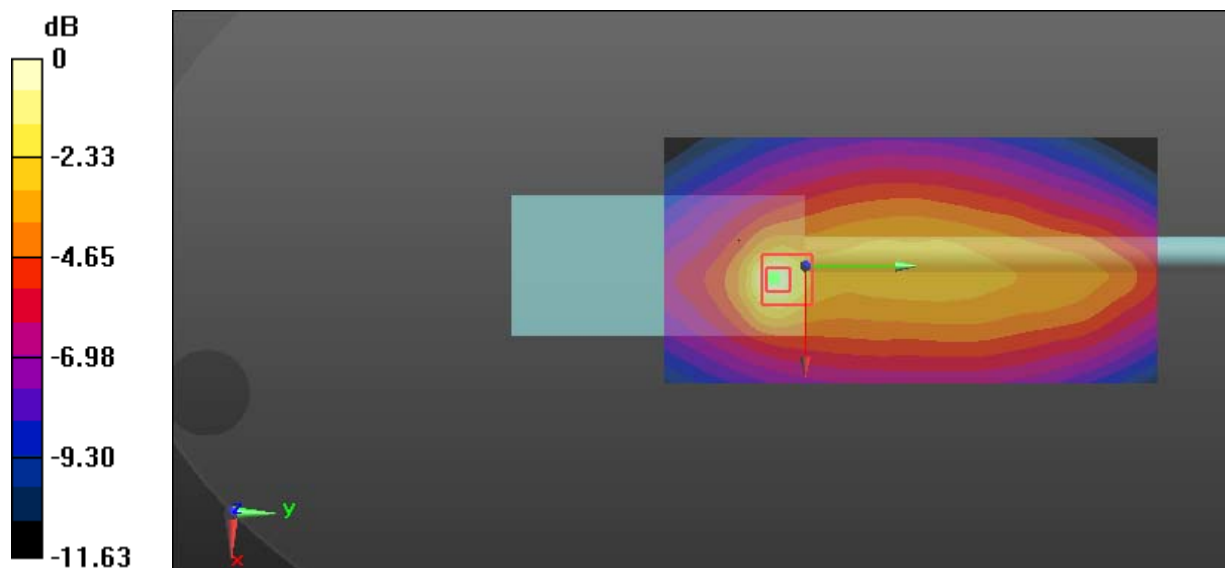
Communication System: FM; Frequency: 144 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144 \text{ MHz}$; $\sigma = 0.822 \text{ S/m}$; $\epsilon_r = 60.754$; $\rho = 1000 \text{ kg/m}^3$

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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 11.4 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 77.64 V/m ; Power Drift = -0.04 dB Peak SAR (extrapolated) = 16.8 W/kg **SAR(1 g) = 6.36 W/kg ; SAR(10 g) = 3.84 W/kg** Maximum value of SAR (measured) = 11.4 W/kg  $0 \text{ dB} = 11.4 \text{ W/kg} = 10.57 \text{ dBW/kg}$

Test Plot 10#: PTT_FM 25KHz_Body Back_155 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

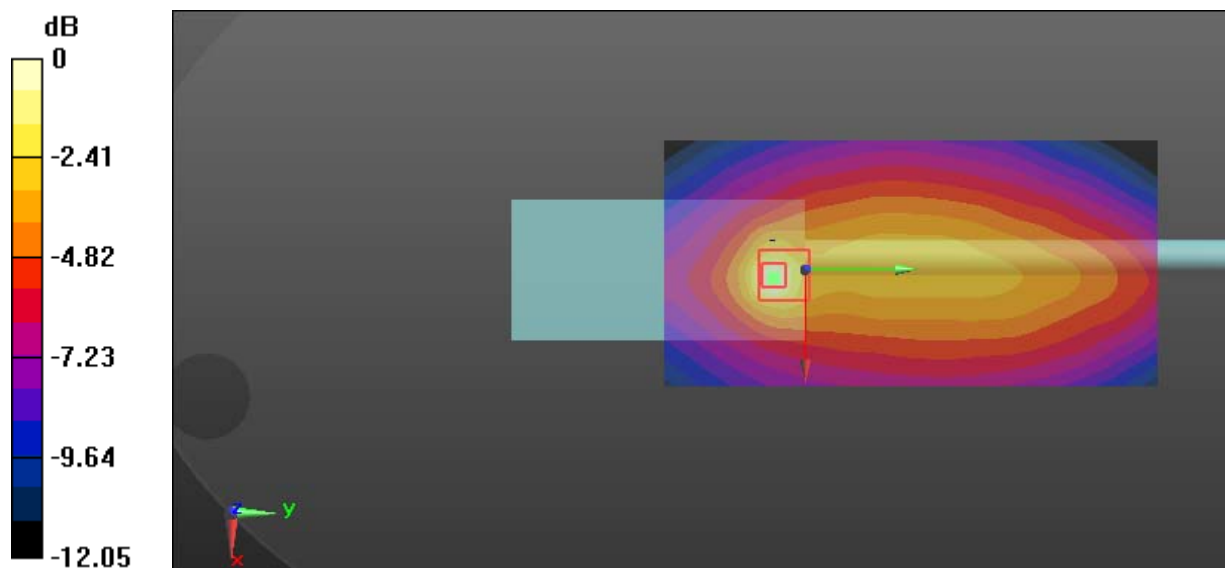
Communication System: FM; Frequency: 155 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 155 \text{ MHz}$; $\sigma = 0.834 \text{ S/m}$; $\epsilon_r = 60.707$; $\rho = 1000 \text{ kg/m}^3$

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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.99 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 72.75 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 14.5 W/kg **SAR(1 g) = 5.18 W/kg ; SAR(10 g) = 3.06 W/kg** Maximum value of SAR (measured) = 9.68 W/kg  $0 \text{ dB} = 9.68 \text{ W/kg} = 7.74 \text{ dBW/kg}$

Test Plot 11#: PTT_FM 25KHz_Body Back_164 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

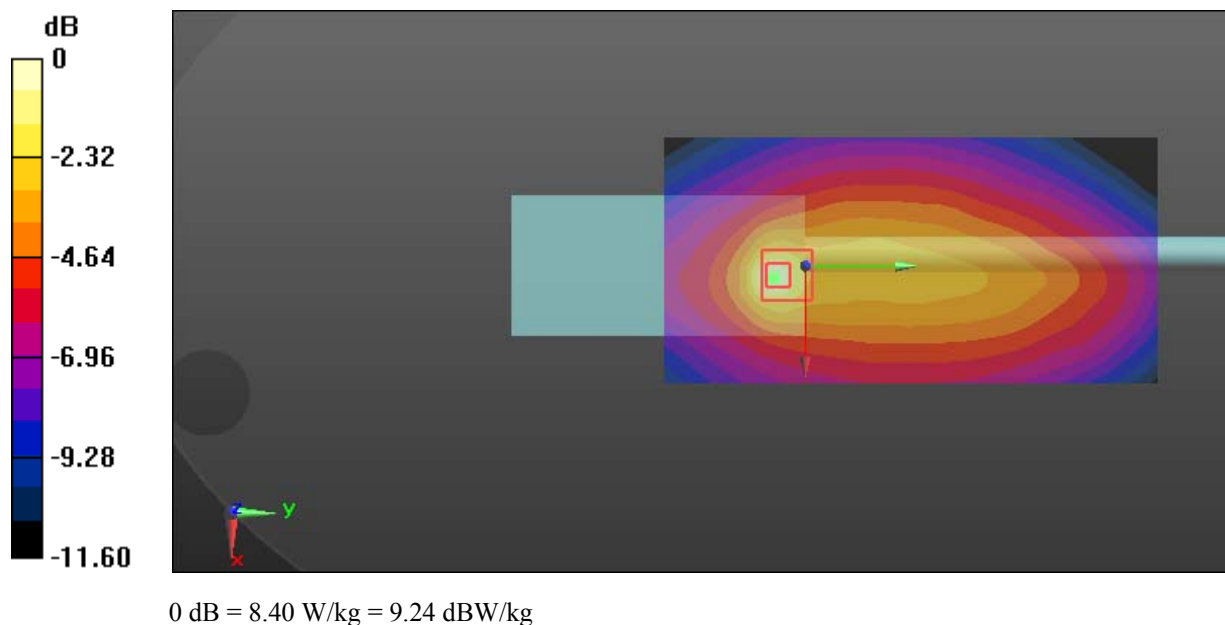
Communication System: FM; Frequency: 164 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 164 \text{ MHz}$; $\sigma = 0.839 \text{ S/m}$; $\epsilon_r = 60.683$; $\rho = 1000 \text{ kg/m}^3$

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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.36 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 74.46 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 12.2 W/kg **SAR(1 g) = 4.63 W/kg ; SAR(10 g) = 2.83 W/kg** Maximum value of SAR (measured) = 8.40 W/kg 

Test Plot 12#: PTT_FM 25KHz_Body Back_173.9875 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

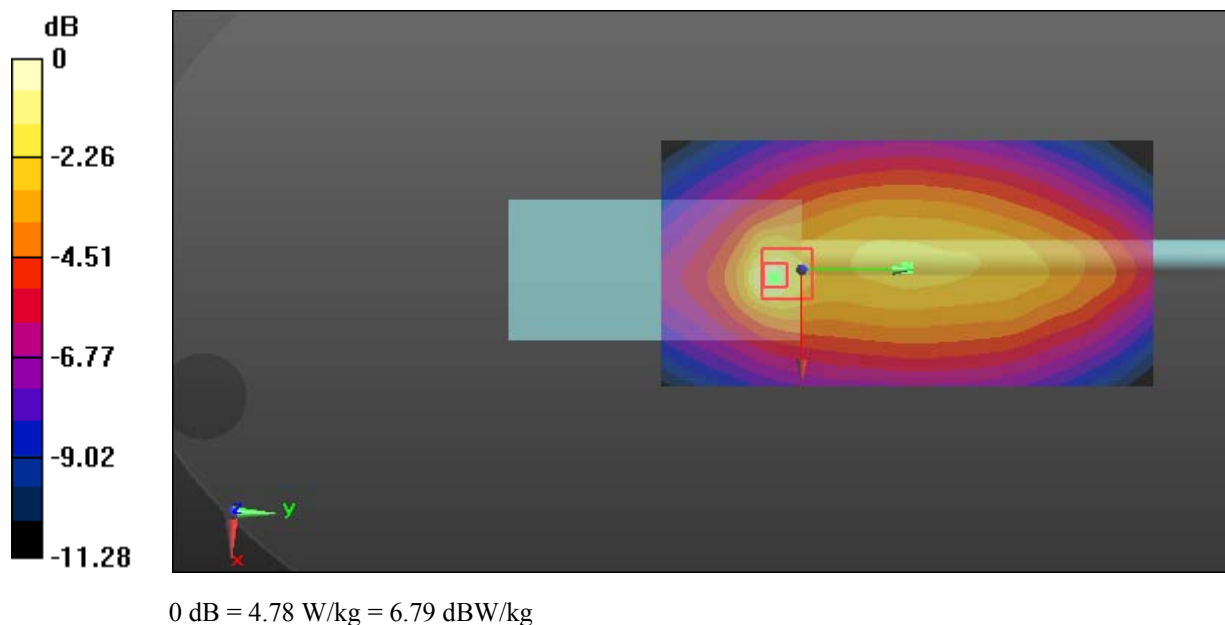
Communication System: FM; Frequency: 173.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 173.988 \text{ MHz}$; $\sigma = 0.841 \text{ S/m}$; $\epsilon_r = 60.635$; $\rho = 1000 \text{ kg/m}^3$

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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 4.59 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 51.98 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 6.86 W/kg **SAR(1 g) = 2.68 W/kg ; SAR(10 g) = 1.68 W/kg** Maximum value of SAR (measured) = 4.78 W/kg 

Test Plot 13#: PTT_4FSK 12.5KHz_Face Up_136.0125 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

Communication System: 4FSK; Frequency: 136.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.755$ S/m; $\epsilon_r = 51.812$; $\rho = 1000$ 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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

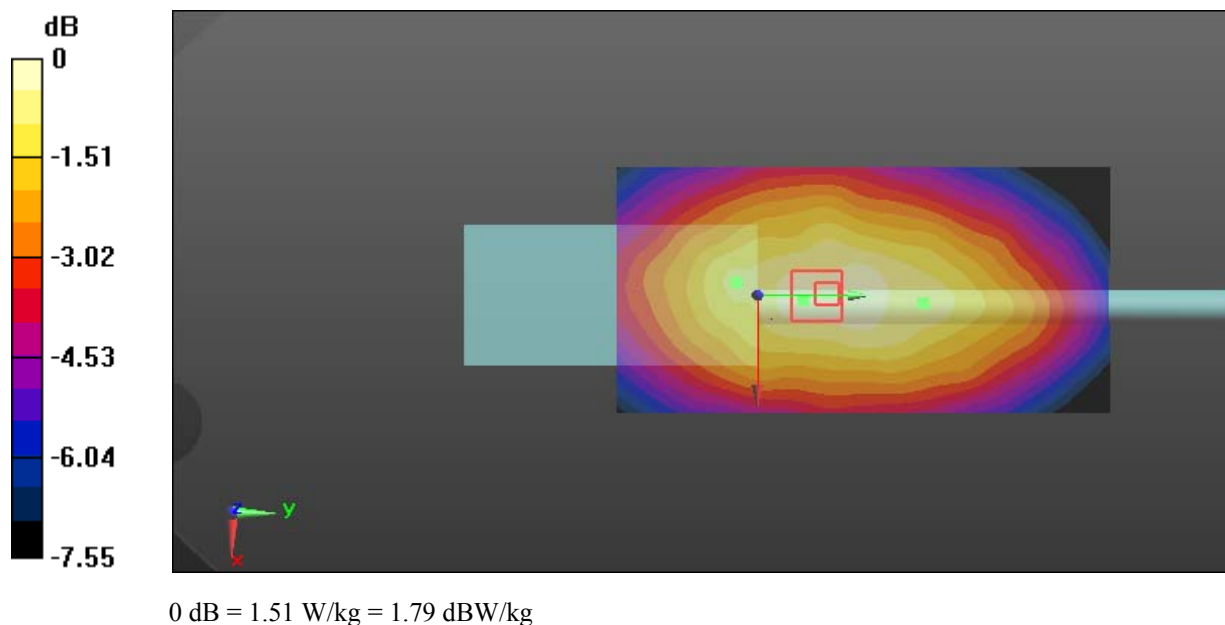
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.21 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.823 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



Test Plot 14#: PTT_4FSK 12.5KHz_Body Back_136.0125 MHz**DUT: Digital Portable Radio; Type: PD702G VHF; Serial: 17090700720**

Communication System: 4FSK; Frequency: 136.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.814$ S/m; $\epsilon_r = 60.812$; $\rho = 1000$ 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 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 8.81 W/kg

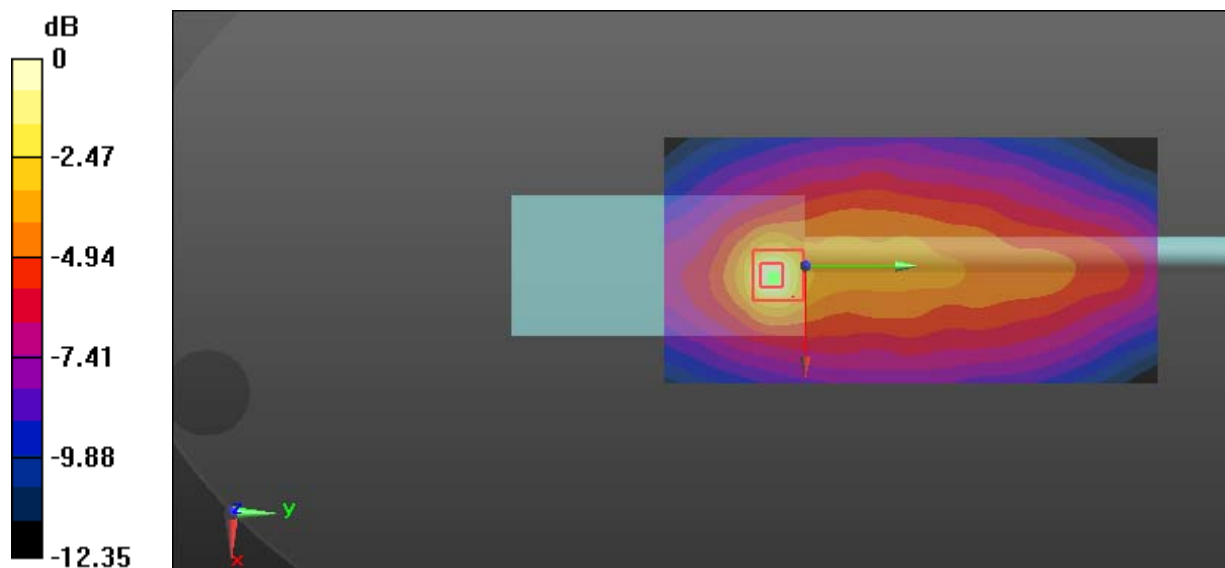
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 58.85 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 11.8 W/kg

SAR(1 g) = 4.27 W/kg; SAR(10 g) = 2.4 W/kg

Maximum value of SAR (measured) = 7.75 W/kg



0 dB = 7.75 W/kg = 8.89 dBW/kg