

Test Plot 1#: PTT_FM 12.5KHz_Face Up_400.0125 MHz_ T03-00302-GAAA_2017/09/23

DUT: Two way radio; Type: T03-00302-GAAA; Serial: 17081000220

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.64 W/kg

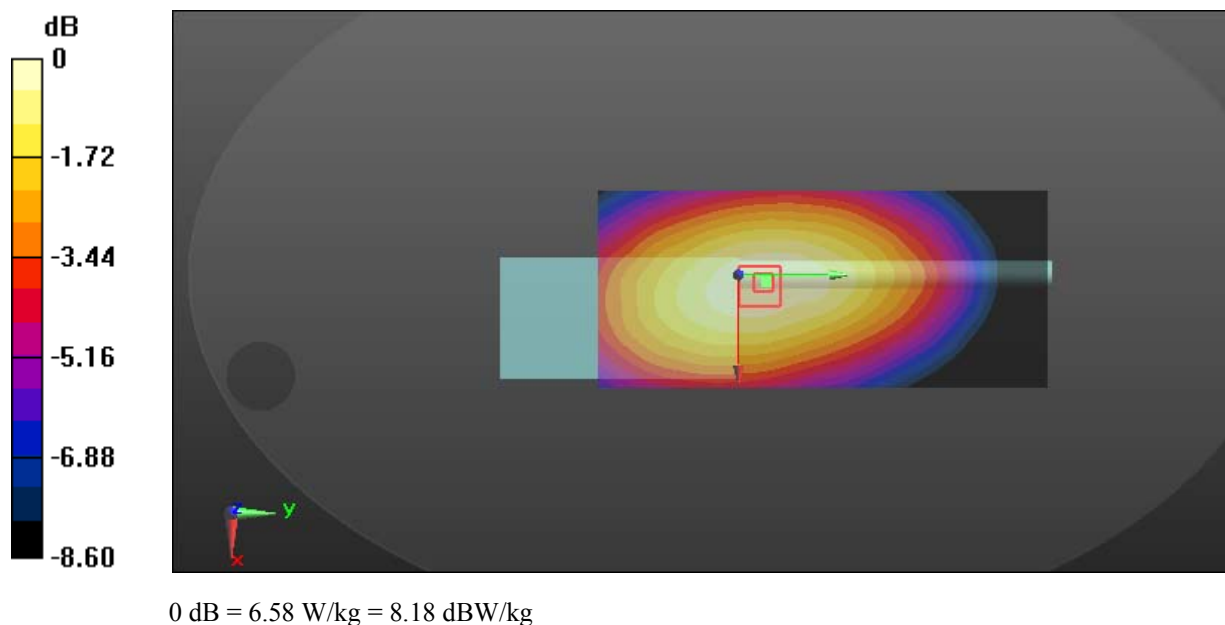
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 73.45 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 7.74 W/kg

SAR(1 g) = 4.89 W/kg; SAR(10 g) = 3.55 W/kg

Maximum value of SAR (measured) = 6.58 W/kg



Test Plot 2#: PTT_FM 12.5KHz_Body Back_400.0125 MHz_ T03-00302-GAAA_2017/09/22**DUT: Two way radio; Type: T03-00302-GAAA; Serial: 17081000220**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 55.941$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.7 W/kg

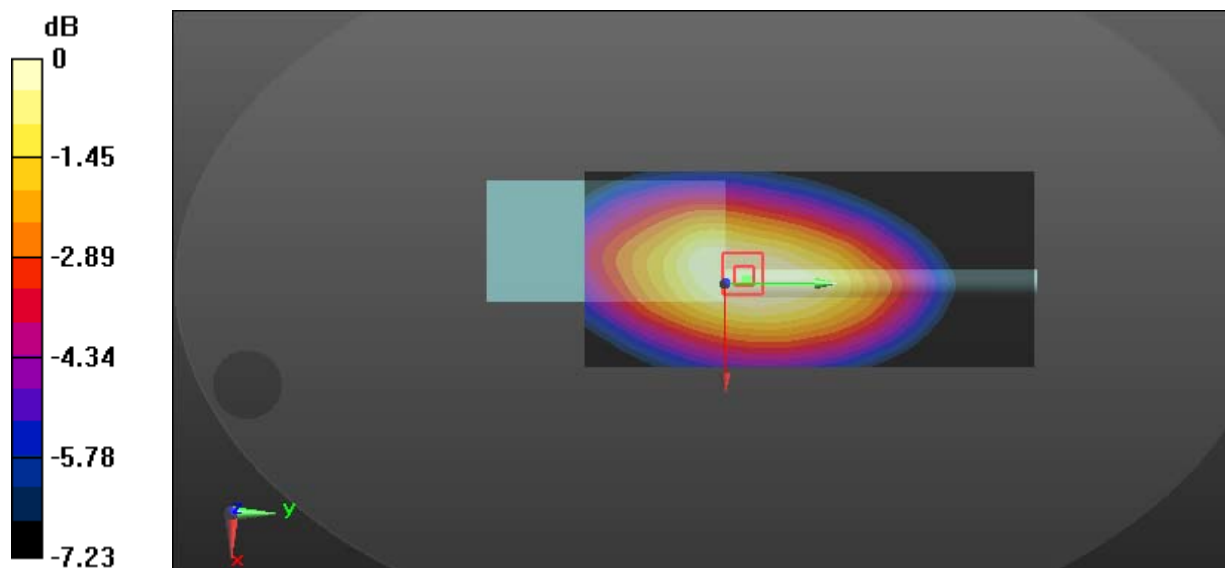
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 114.4 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 13.4 W/kg

SAR(1 g) = 9.96 W/kg; SAR(10 g) = 7.9 W/kg

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



0 dB = 12.1 W/kg = 10.83 dBW/kg

Test Plot 3#: PTT_FM 12.5KHz_Body Back_416.0125 MHz_ T03-00302-GAAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GAAA; Serial: 17081000220

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 55.798$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 11.4 W/kg

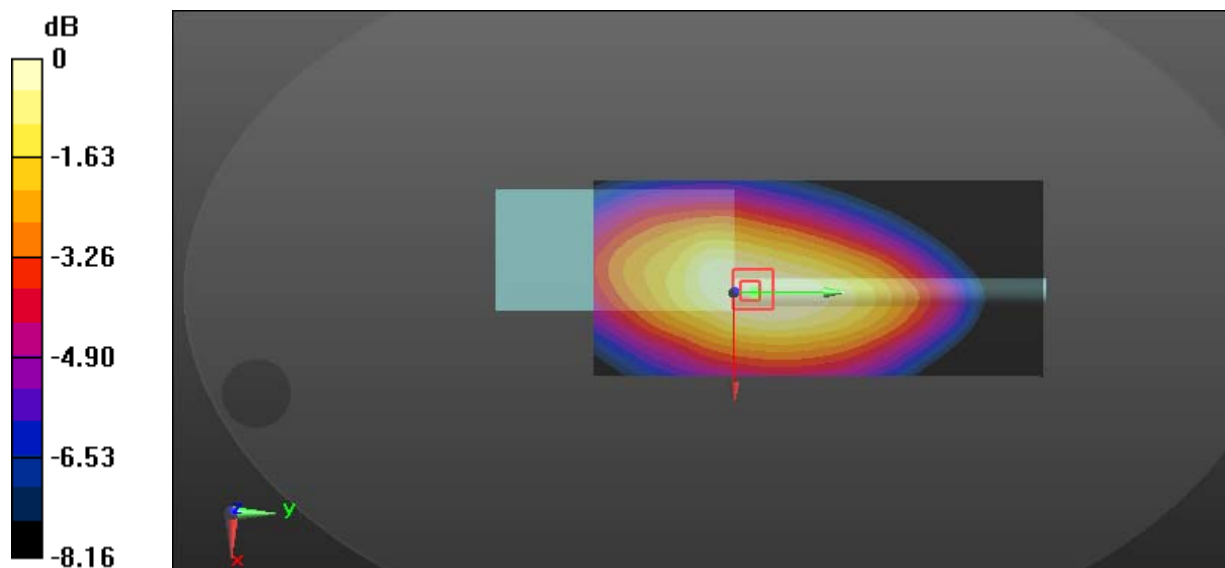
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 108.1 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 9.12 W/kg; SAR(10 g) = 7.23 W/kg

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



0 dB = 11.0 W/kg = 10.42 dBW/kg

Test Plot 4#: PTT_FM 12.5KHz_Body Back_432.0125 MHz_ T03-00302-GAAA_2017/09/22**DUT: Two way radio; Type: T03-00302-GAAA; Serial: 17081000220**

Communication System: FM; Frequency: 432.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 55.654$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.4 W/kg

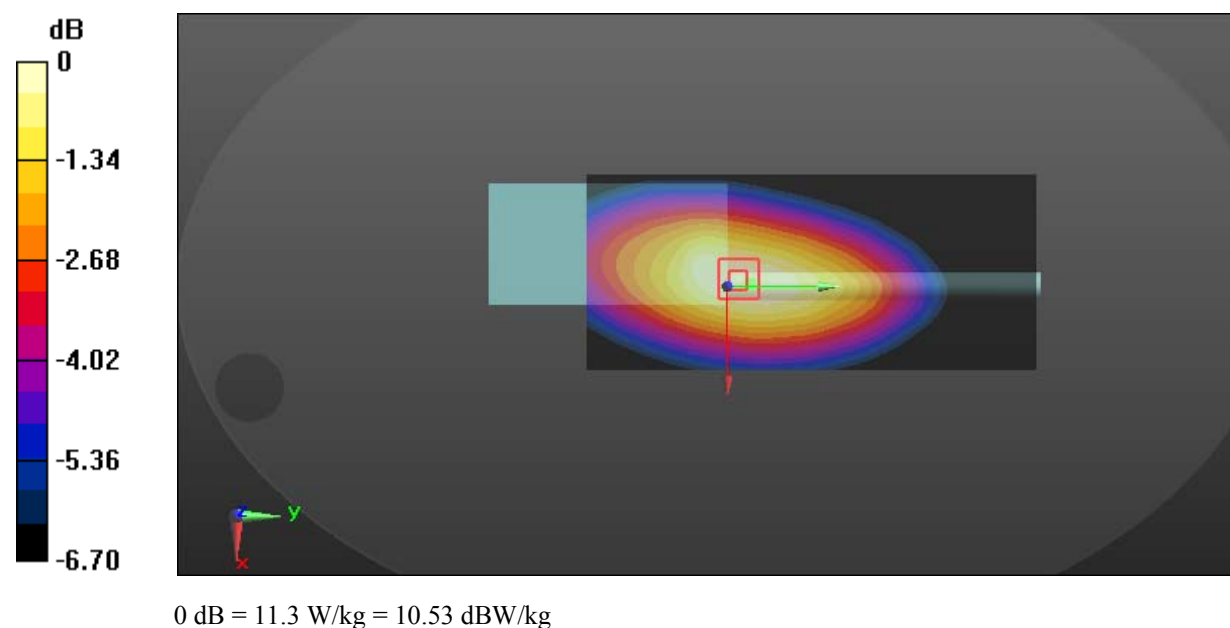
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 9.4 W/kg; SAR(10 g) = 7.5 W/kg

Maximum value of SAR (measured) = 11.3 W/kg



Test Plot 5#: PTT_FM 12.5KHz_Body Back_447.9875 MHz_ T03-00302-GAAA_2017/09/22**DUT: Two way radio; Type: T03-00302-GAAA; Serial: 17081000220**

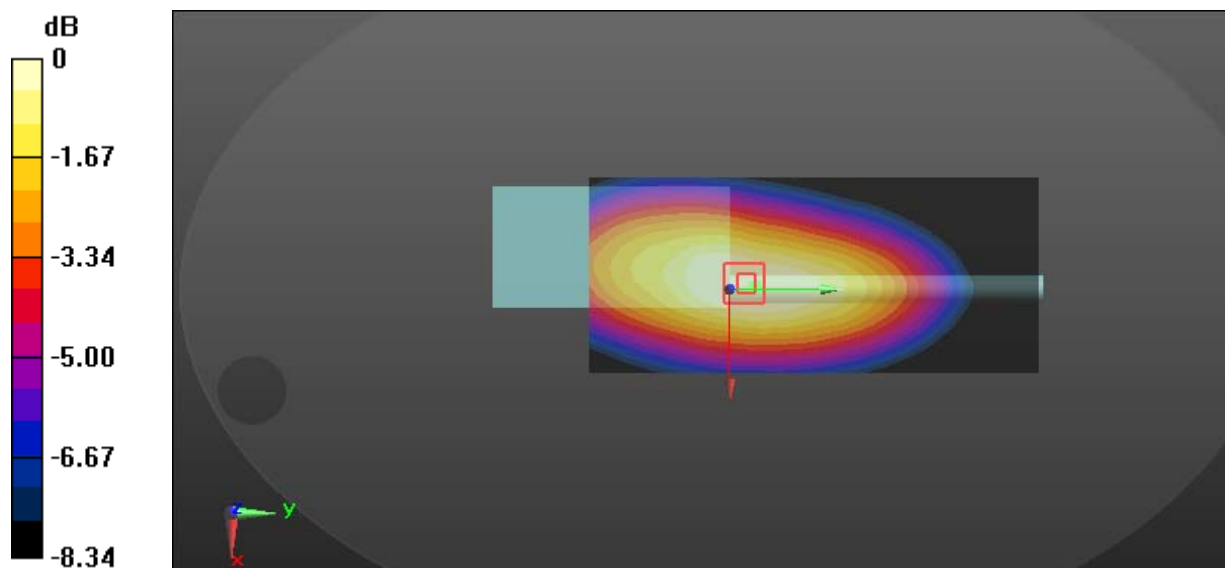
Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988 \text{ MHz}$; $\sigma = 0.944 \text{ S/m}$; $\epsilon_r = 55.511$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 13.5 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 106.8 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 14.5 W/kg **SAR(1 g) = 9.62 W/kg ; SAR(10 g) = 7.15 W/kg** Maximum value of SAR (measured) = 12.8 W/kg  $0 \text{ dB} = 12.8 \text{ W/kg} = 11.07 \text{ dBW/kg}$

Test Plot 6#: PTT_FM 12.5KHz_Body Back_463.9875 MHz_ T03-00302-GAAA_2017/09/22**DUT: Two way radio; Type: T03-00302-GAAA; Serial: 17081000220**

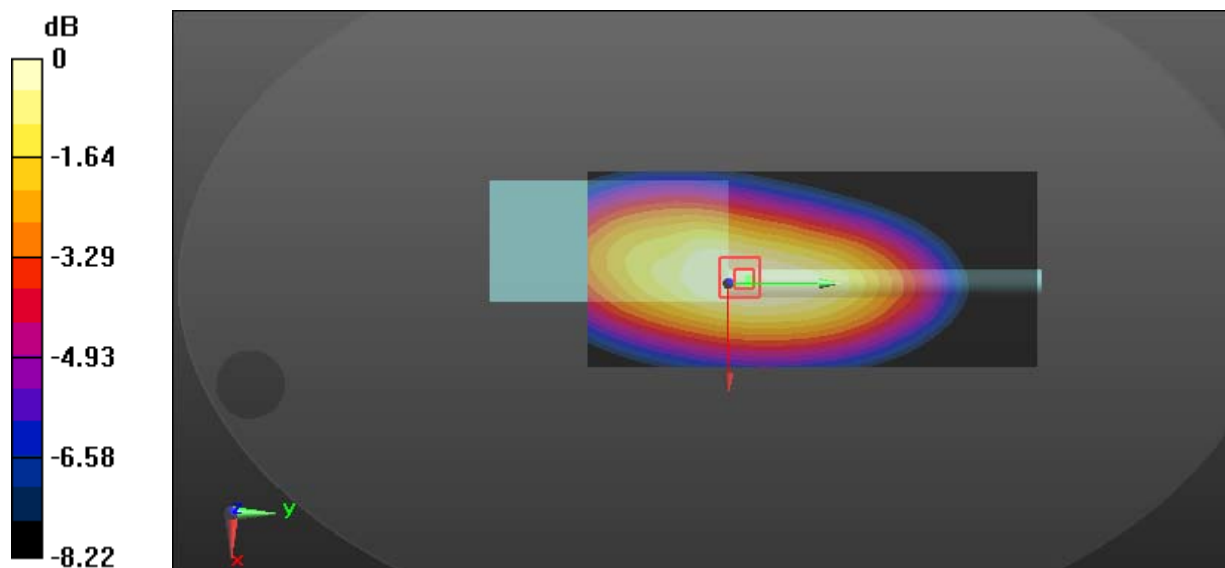
Communication System: FM; Frequency: 463.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 463.988 \text{ MHz}$; $\sigma = 0.955 \text{ S/m}$; $\epsilon_r = 55.243$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 11.9 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 102.4 V/m ; Power Drift = 0.07 dB Peak SAR (extrapolated) = 13.0 W/kg **SAR(1 g) = 8.8 W/kg ; SAR(10 g) = 6.37 W/kg** Maximum value of SAR (measured) = 11.5 W/kg  $0 \text{ dB} = 11.5 \text{ W/kg} = 10.61 \text{ dBW/kg}$

Test Plot 7#: PTT_FM 12.5KHz_Body Back_479.9875 MHz_ T03-00302-GAAA_2017/09/22**DUT: Two way radio; Type: T03-00302-GAAA; Serial: 17081000220**

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

Medium parameters used: $f = 479.988$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 55.121$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 9.74 W/kg

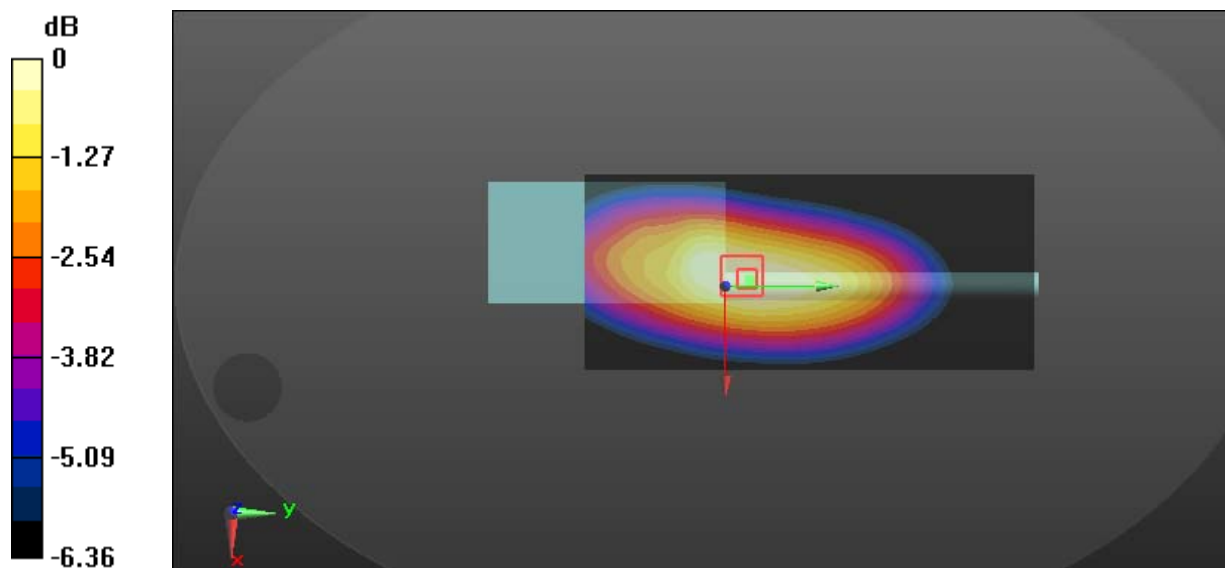
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 94.29 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 7.63 W/kg; SAR(10 g) = 6.07 W/kg

Maximum value of SAR (measured) = 9.47 W/kg



0 dB = 9.47 W/kg = 9.76 dBW/kg

Test Plot 8#: PTT_FM 25KHz_Face Up_400.0125 MHz_ T03-00302-GAAA_2017/09/23**DUT: Two way radio; Type: T03-00302-GAAA; Serial: 17081000220**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.03 W/kg

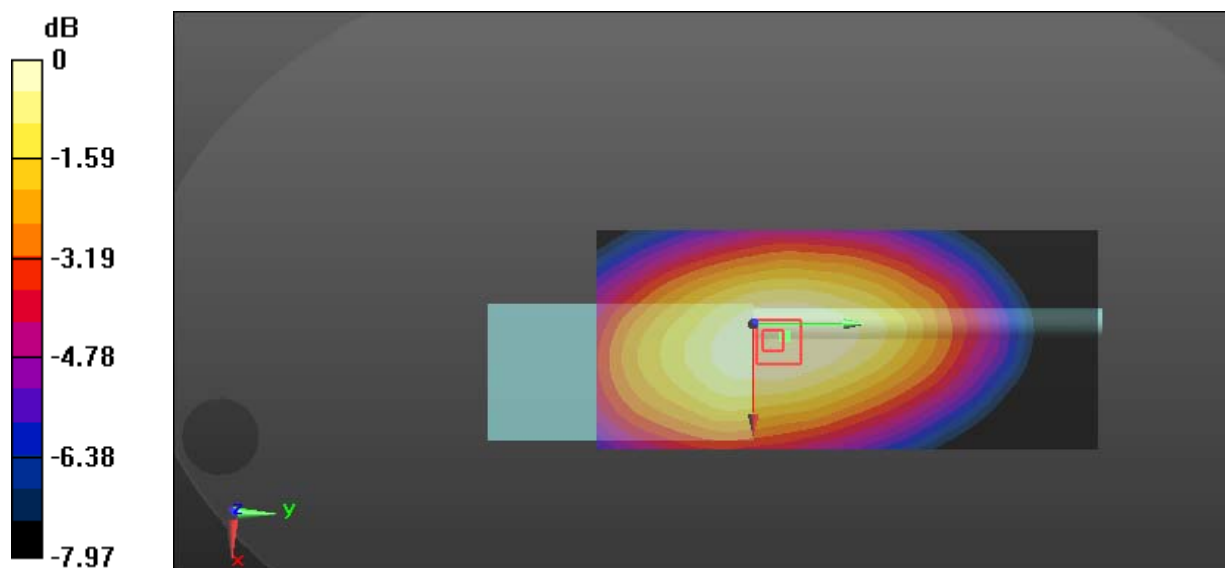
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 77.04 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 7.78 W/kg

SAR(1 g) = 5.16 W/kg; SAR(10 g) = 3.83 W/kg

Maximum value of SAR (measured) = 6.73 W/kg



0 dB = 6.73 W/kg = 8.28 dBW/kg

Test Plot 9#: PTT_FM 25KHz_Body Back_400.0125 MHz_ T03-00302-GAAA_2017/09/24**DUT: Two way radio; Type: T03-00302-GAAA; Serial: 17081000220**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.957$ S/m; $\epsilon_r = 55.756$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.2 W/kg

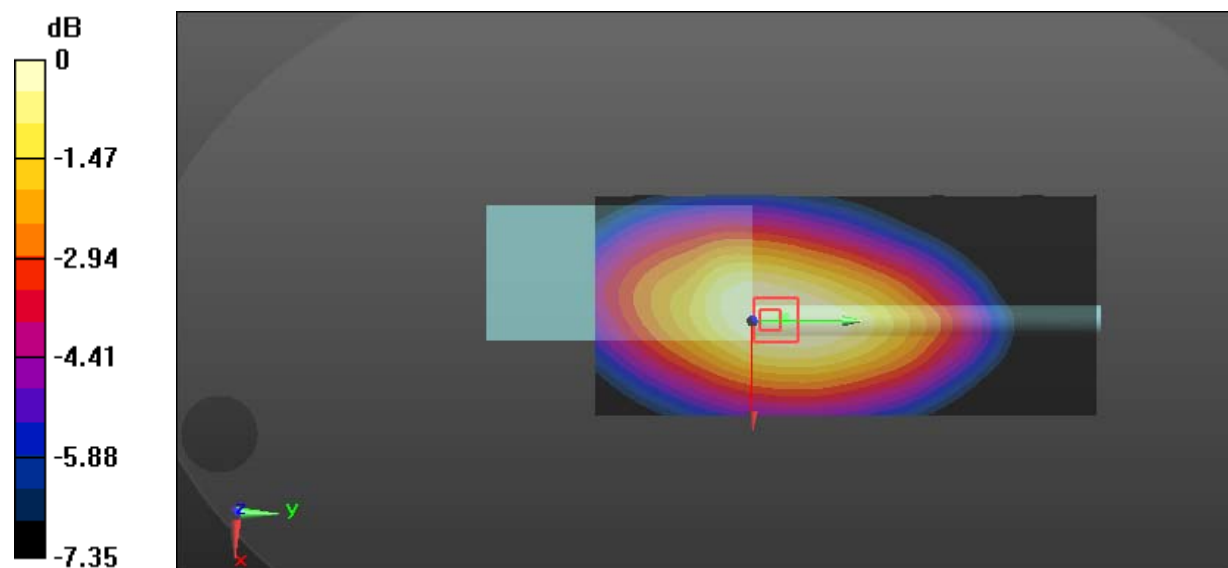
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 109.8 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 9.84 W/kg; SAR(10 g) = 7.69 W/kg

Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 11.7 W/kg = 10.68 dBW/kg

Test Plot 10#: PTT_FM 25KHz_Body Back_416.0125 MHz_ T03-00302-GAAA_2017/09/24

DUT: Two way radio; **Type:** T03-00302-GAAA; **Serial:** 17081000220

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 55.631$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.5 W/kg

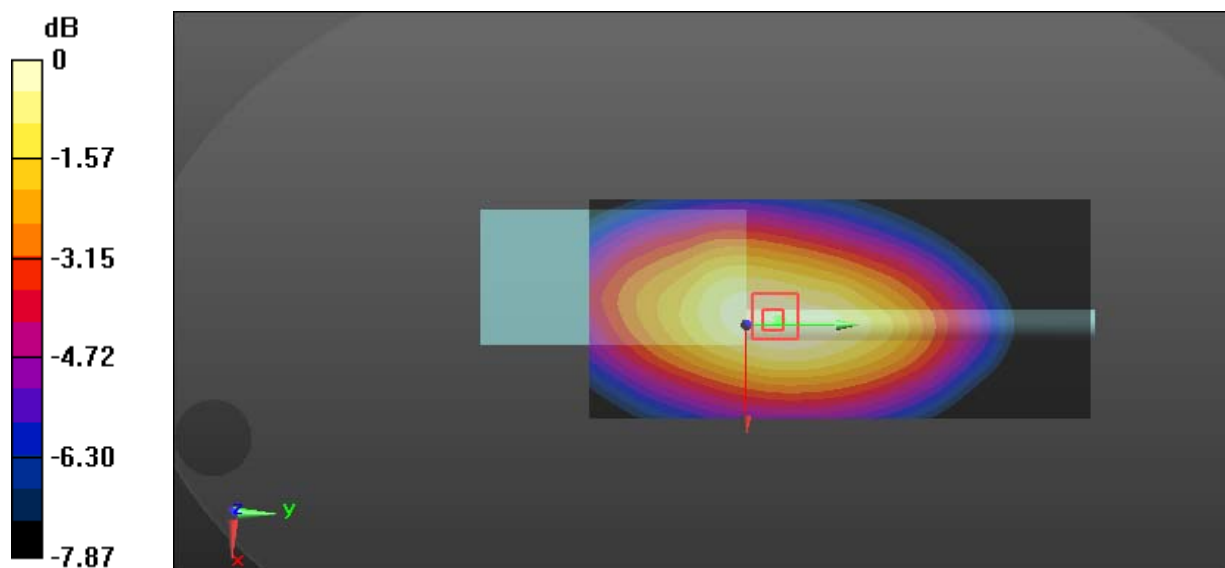
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.5 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 8.89 W/kg; SAR(10 g) = 6.89 W/kg

Maximum value of SAR (measured) = 10.7 W/kg



0 dB = 10.7 W/kg = 10.29 dBW/kg

Test Plot 11#: PTT_FM 25KHz_Body Back_432.0125 MHz_ T03-00302-GAAA_2017/09/24

DUT: Two way radio; **Type:** T03-00302-GAAA; **Serial:** 17081000220

Communication System: FM; Frequency: 432.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.608$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.5 W/kg

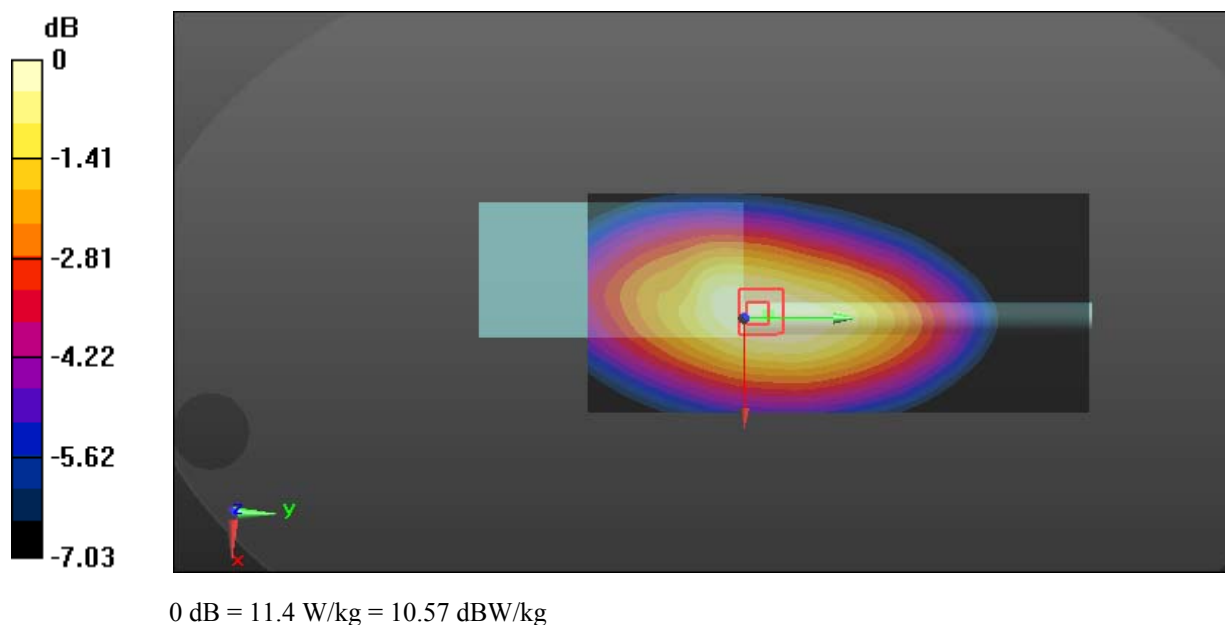
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 106.4 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 9.52 W/kg; SAR(10 g) = 7.44 W/kg

Maximum value of SAR (measured) = 11.4 W/kg



Test Plot 12#: PTT_FM 25KHz_Body Back_447.9875 MHz_ T03-00302-GAAA_2017/09/24

DUT: Two way radio; **Type:** T03-00302-GAAA; **Serial:** 17081000220

Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988$ MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 55.513$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.2 W/kg

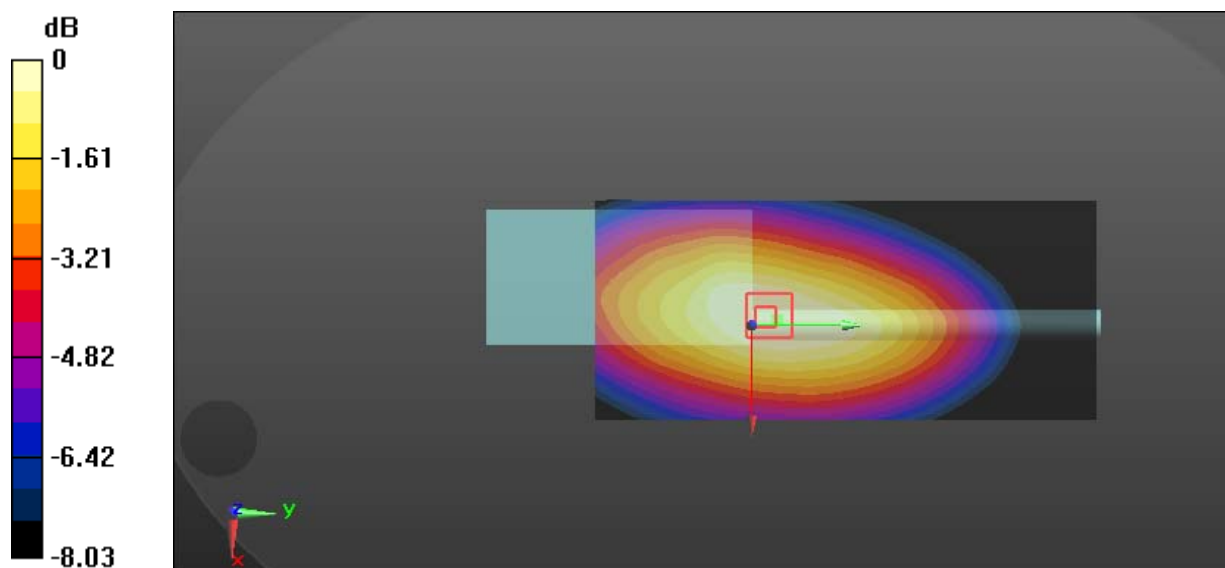
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.5 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 12.8 W/kg

SAR(1 g) = 9.7 W/kg; SAR(10 g) = 7.72 W/kg

Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 10.72 dBW/kg

Test Plot 13#: PTT_FM 25KHz_Body Back_463.9875 MHz_ T03-00302-GAAA_2017/09/24

DUT: Two way radio; Type: T03-00302-GAAA; Serial: 17081000220

Communication System: FM; Frequency: 463.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 463.988$ MHz; $\sigma = 0.973$ S/m; $\epsilon_r = 55.318$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.6 W/kg

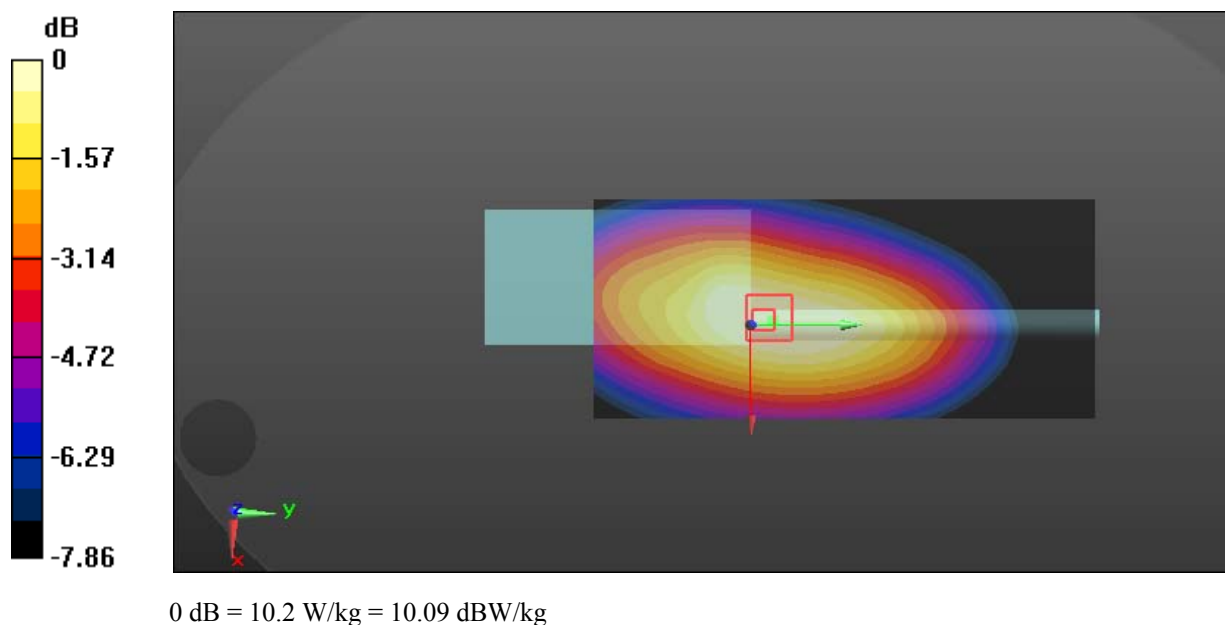
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 106.5 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 8.64 W/kg; SAR(10 g) = 6.90 W/kg

Maximum value of SAR (measured) = 10.2 W/kg



Test Plot 14#: PTT_FM 25KHz_Body Back_479.9875 MHz_ T03-00302-GAAA_2017/09/24**DUT: Two way radio; Type: T03-00302-GAAA; Serial: 17081000220**

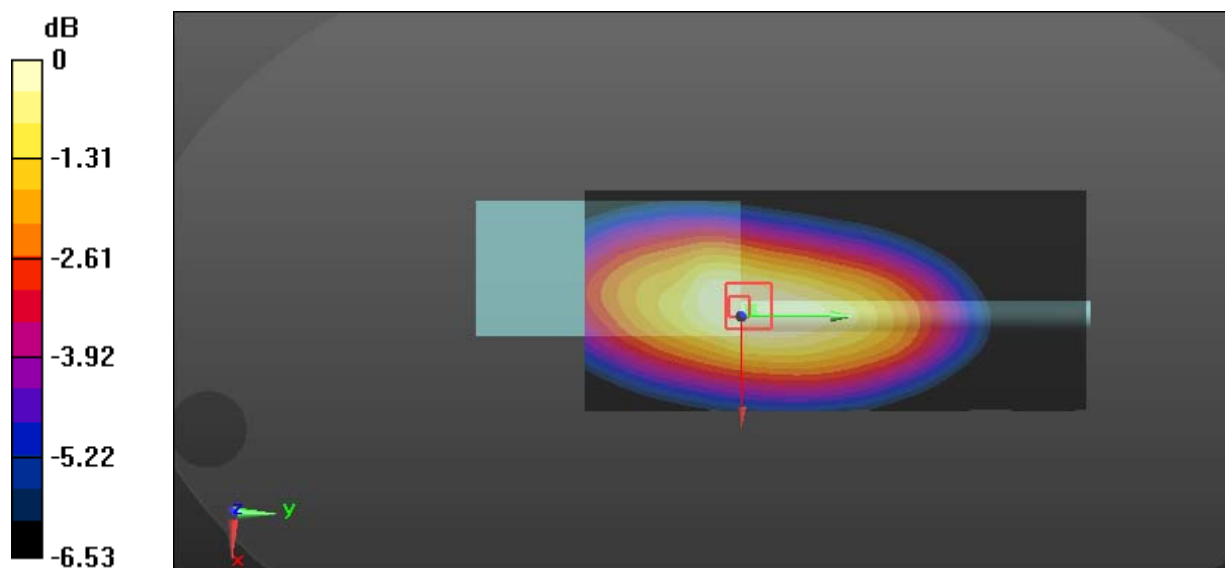
Communication System: FM; Frequency: 479.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 479.988 \text{ MHz}$; $\sigma = 0.976 \text{ S/m}$; $\epsilon_r = 55.217$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.83 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 90.84 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 9.34 W/kg **SAR(1 g) = 7.22 W/kg ; SAR(10 g) = 5.79 W/kg** Maximum value of SAR (measured) = 8.59 W/kg  $0 \text{ dB} = 8.59 \text{ W/kg} = 9.34 \text{ dBW/kg}$

Test Plot 15#: PTT_4FSK 12.5KHz_Face Up_400.0125 MHz_ T03-00302-GAAA_2017/09/23

DUT: Two way radio; **Type:** T03-00302-GAAA; **Serial:** 17081000220

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 3.53 W/kg

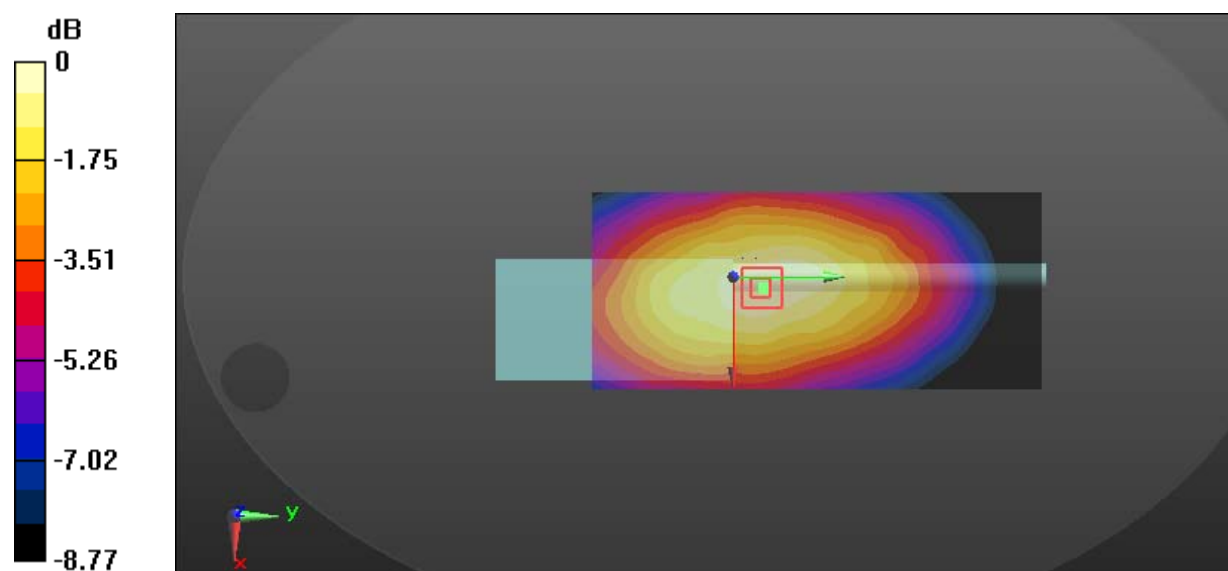
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 54.20 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.41 W/kg

SAR(1 g) = 2.61 W/kg; SAR(10 g) = 1.87 W/kg

Maximum value of SAR (measured) = 3.64 W/kg



0 dB = 3.64 W/kg = 5.61 dBW/kg

Test Plot 16#: PTT_4FSK 12.5KHz_Body Back_400.0125 MHz_ T03-00302-GAAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GAAA; Serial: 17081000220

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 55.941$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.44 W/kg

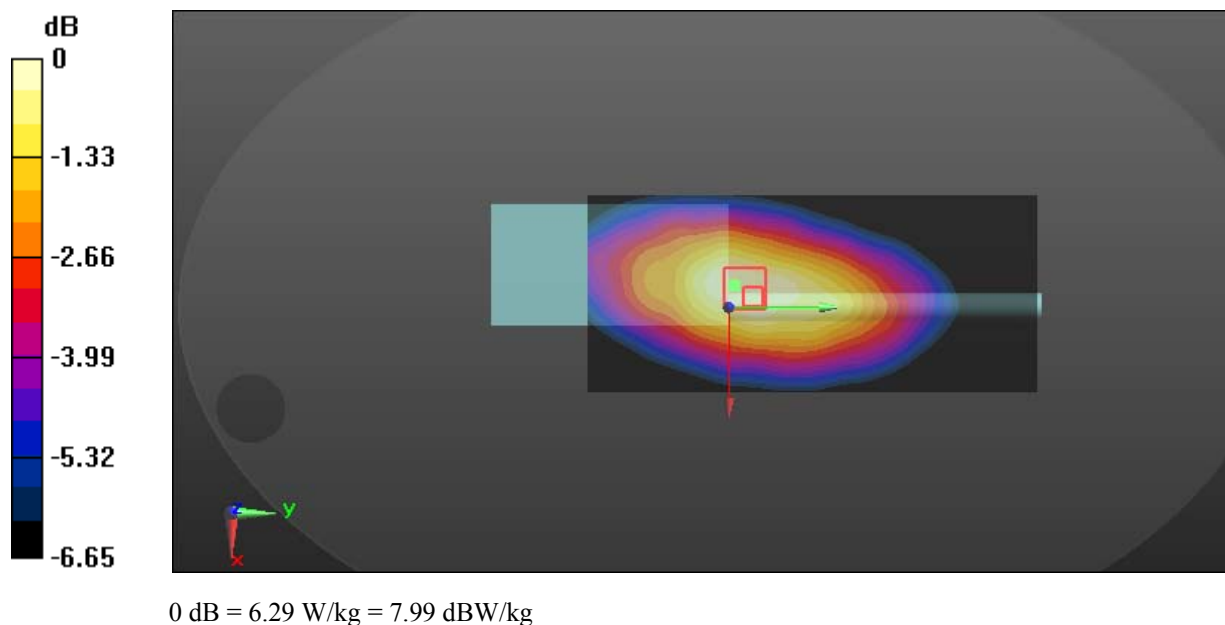
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 74.82 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 6.90 W/kg

SAR(1 g) = 5.12 W/kg; SAR(10 g) = 4.07 W/kg

Maximum value of SAR (measured) = 6.29 W/kg



Test Plot 17#: PTT_FM 12.5KHz_Face Up_400.0125 MHz_ T03-00302-GBAA_2017/09/23

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.14 W/kg

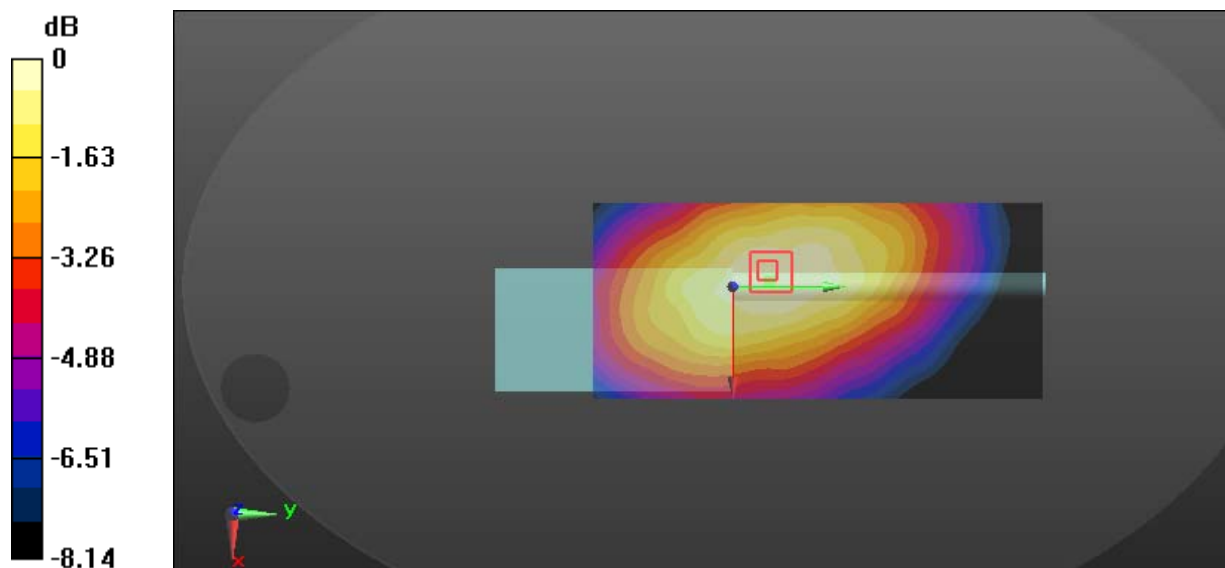
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.04 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 7.27 W/kg

SAR(1 g) = 5.46 W/kg; SAR(10 g) = 4.04 W/kg

Maximum value of SAR (measured) = 5.74 W/kg



0 dB = 5.74 W/kg = 7.59 dBW/kg

Test Plot 18#: PTT_FM 12.5KHz_Body Back_400.0125 MHz_ T03-00302-GBAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 55.941$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.7 W/kg

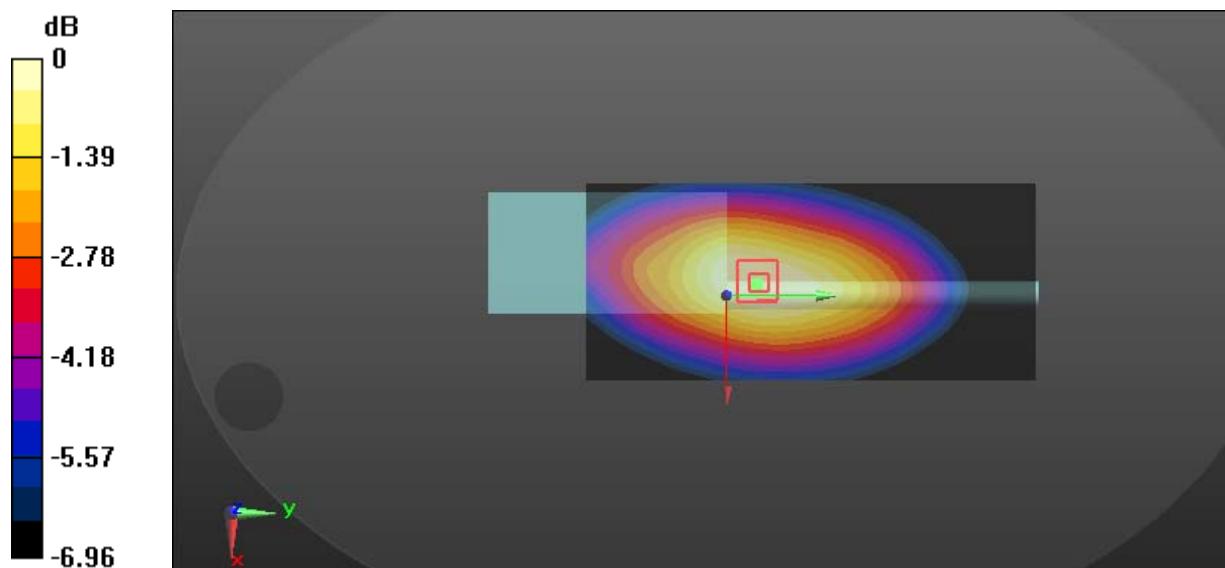
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 113.2 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 11.7 W/kg; SAR(10 g) = 9.29 W/kg

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



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

Test Plot 19#: PTT_FM 12.5KHz_Body Back_416.0125 MHz_ T03-00302-GBAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 55.798$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 12.7 W/kg

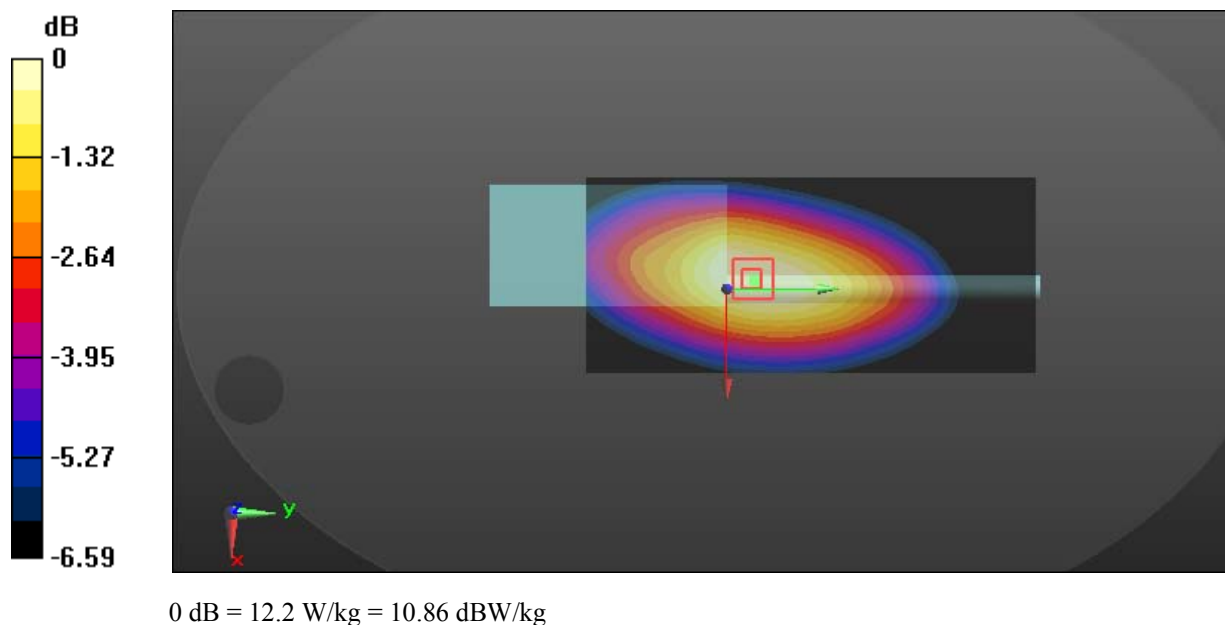
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 104.4 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 13.5 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 8.1 W/kg

Maximum value of SAR (measured) = 12.2 W/kg



Test Plot 20#: PTT_FM 12.5KHz_Body Back_432.0125 MHz_ T03-00302-GBAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

Communication System: FM; Frequency: 432.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 55.654$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

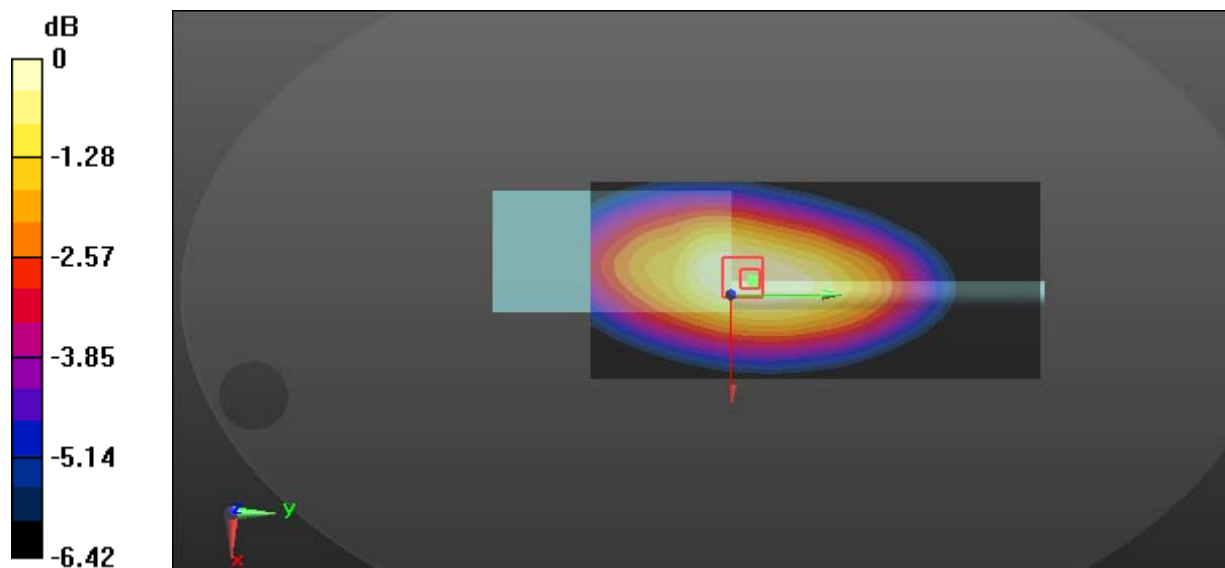
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.0 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 14.3 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 8.54 W/kg

Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg = 11.11 dBW/kg

Test Plot 21#: PTT_FM 12.5KHz_Body Back_447.9875 MHz_ T03-00302-GBAA_2017/09/22

DUT: Two way radio; **Type:** T03-00302-GBAA; **Serial:** 17081000221

Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 55.511$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

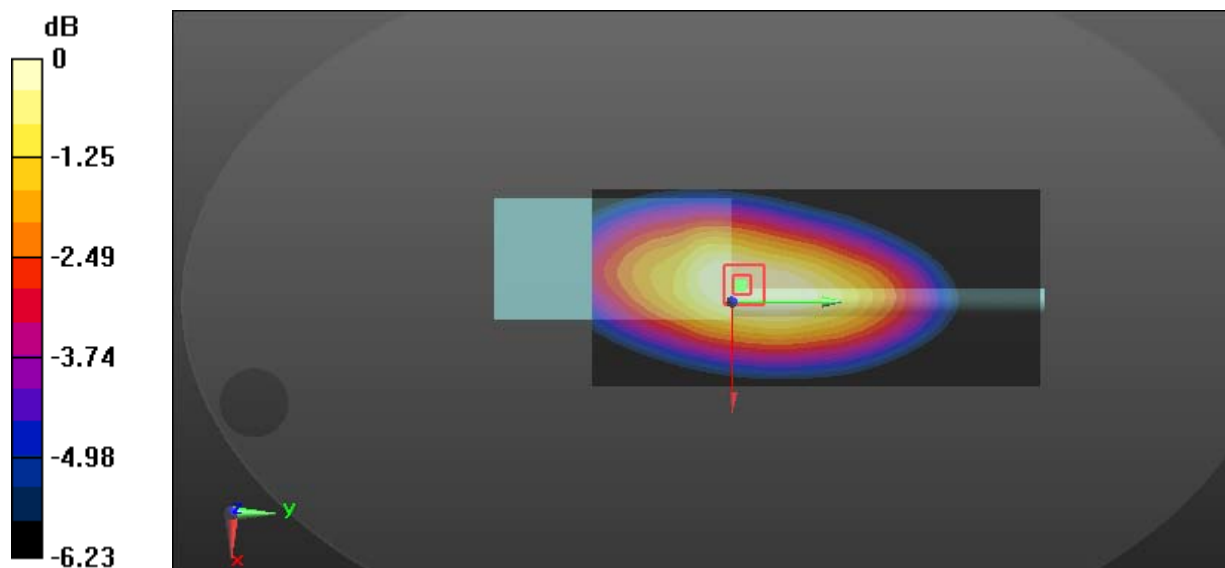
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.7 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 13.0 W/kg

SAR(1 g) = 9.77 W/kg; SAR(10 g) = 7.85 W/kg

Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 11.7 W/kg = 10.68 dBW/kg

Test Plot 22#: PTT_FM 12.5KHz_Body Back_463.9875 MHz_ T03-00302-GBAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

Communication System: FM; Frequency: 463.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 463.988$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 55.243$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 13.6 W/kg

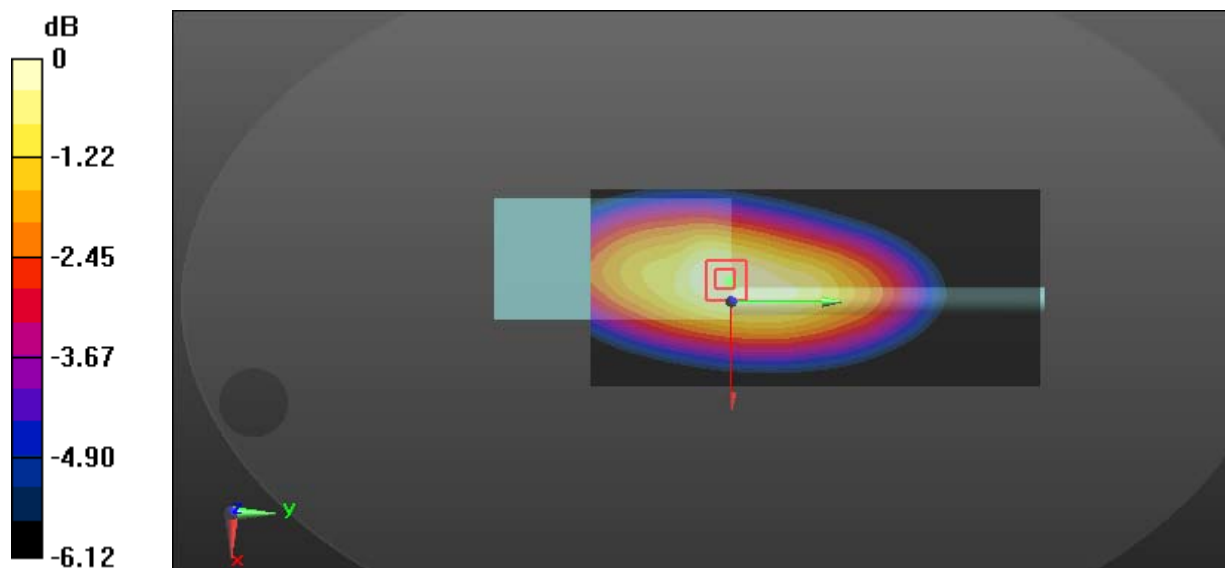
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 107.2 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 10.9 W/kg; SAR(10 g) = 8.74 W/kg

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



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

Test Plot 23#: PTT_FM 12.5KHz_Body Back_479.9875 MHz_ T03-00302-GBAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

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

Medium parameters used: $f = 479.988$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 55.121$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 7.44 W/kg

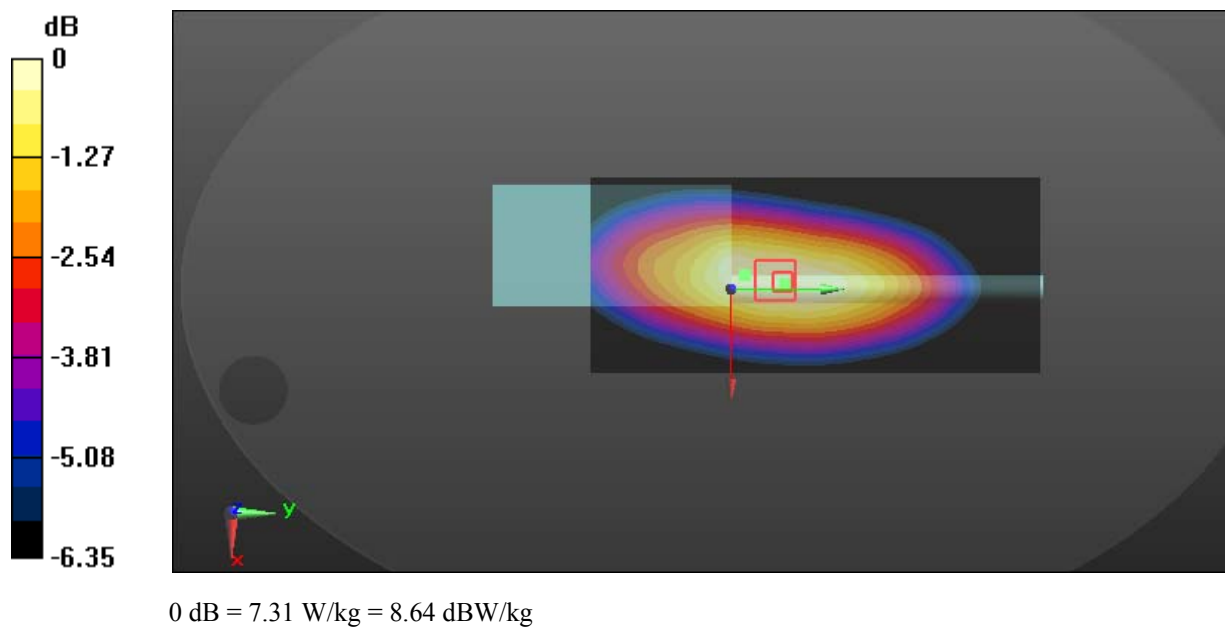
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 77.22 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 8.29 W/kg

SAR(1 g) = 5.86 W/kg; SAR(10 g) = 4.58 W/kg

Maximum value of SAR (measured) = 7.31 W/kg



Test Plot 24#: PTT_FM 25KHz_Face Up_400.0125 MHz_ T03-00302-GBAA_2017/09/23**DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.93 W/kg

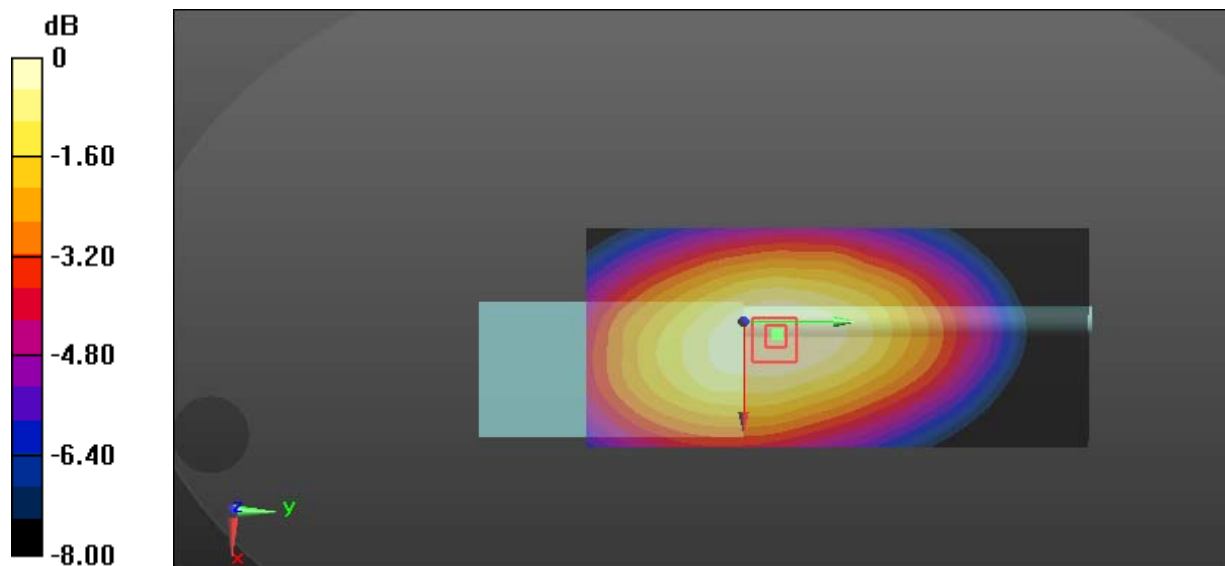
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.61 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 8.95 W/kg

SAR(1 g) = 5.76 W/kg; SAR(10 g) = 4.24 W/kg

Maximum value of SAR (measured) = 7.66 W/kg



0 dB = 7.66 W/kg = 8.84 dBW/kg

Test Plot 25#: PTT_FM 25KHz_Body Back_400.0125 MHz_ T03-00302-GBAA_2017/09/24

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.957$ S/m; $\epsilon_r = 55.756$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

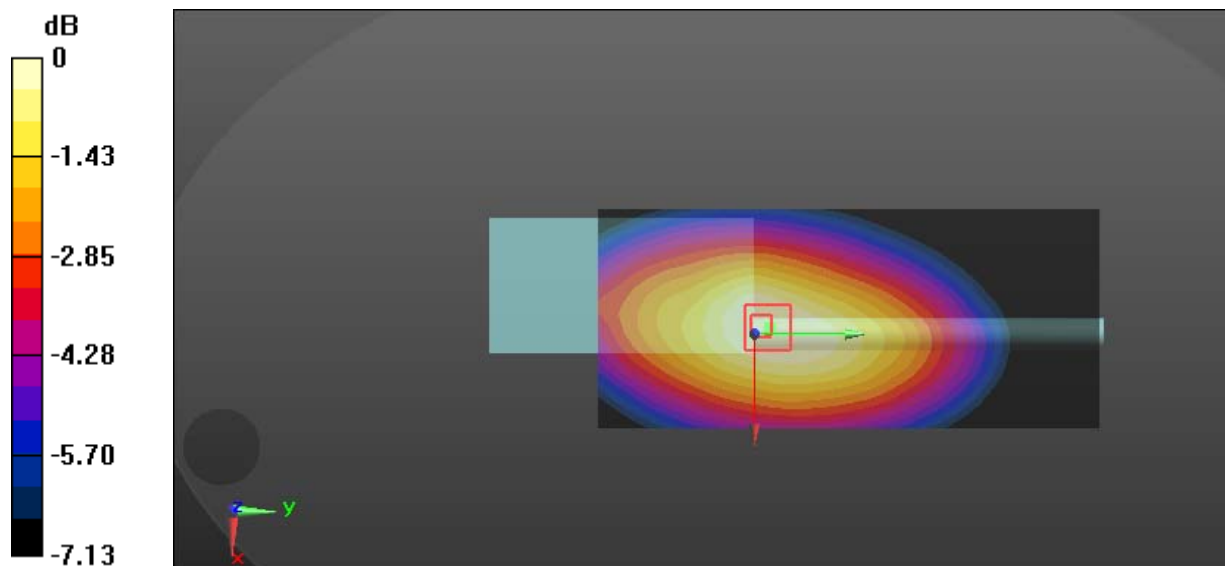
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 115.9 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 13.9 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 8.44 W/kg

Maximum value of SAR (measured) = 12.8 W/kg



0 dB = 12.8 W/kg = 11.07 dBW/kg

Test Plot 26#: PTT_FM 25KHz_Body Back_416.0125 MHz_ T03-00302-GBAA_2017/09/24

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 55.631$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 12.2 W/kg

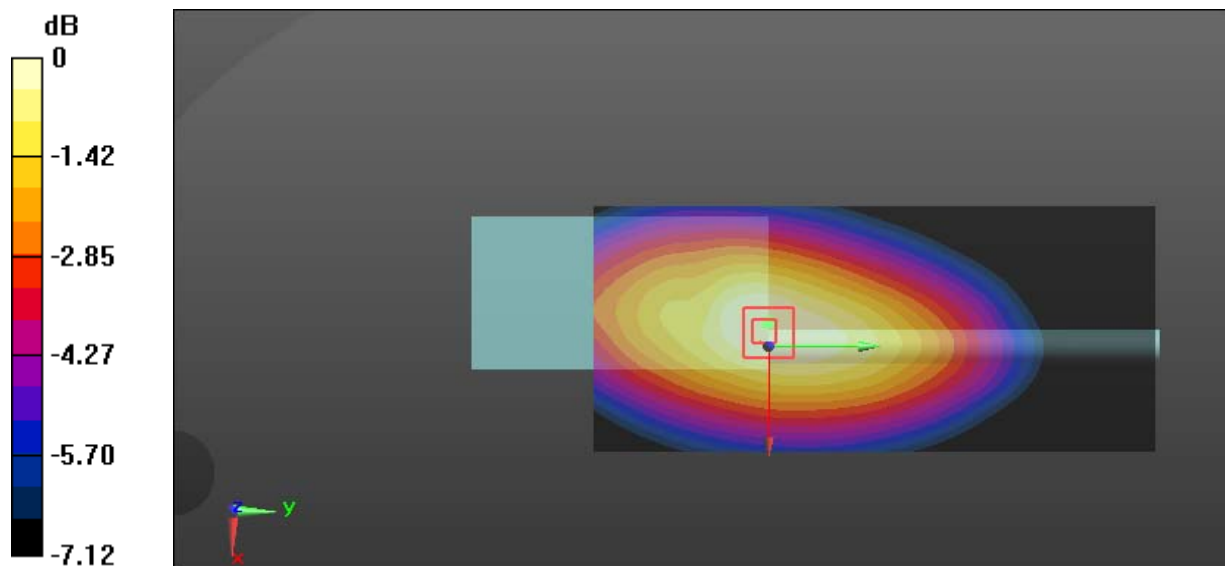
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 107.3 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 12.8 W/kg

SAR(1 g) = 9.87 W/kg; SAR(10 g) = 7.76 W/kg

Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 11.7 W/kg = 10.68 dBW/kg

Test Plot 27#: PTT_FM 25KHz_Body Back_432.0125 MHz_ T03-00302-GBAA_2017/09/24

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

Communication System: FM; Frequency: 432.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.608$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.5 W/kg

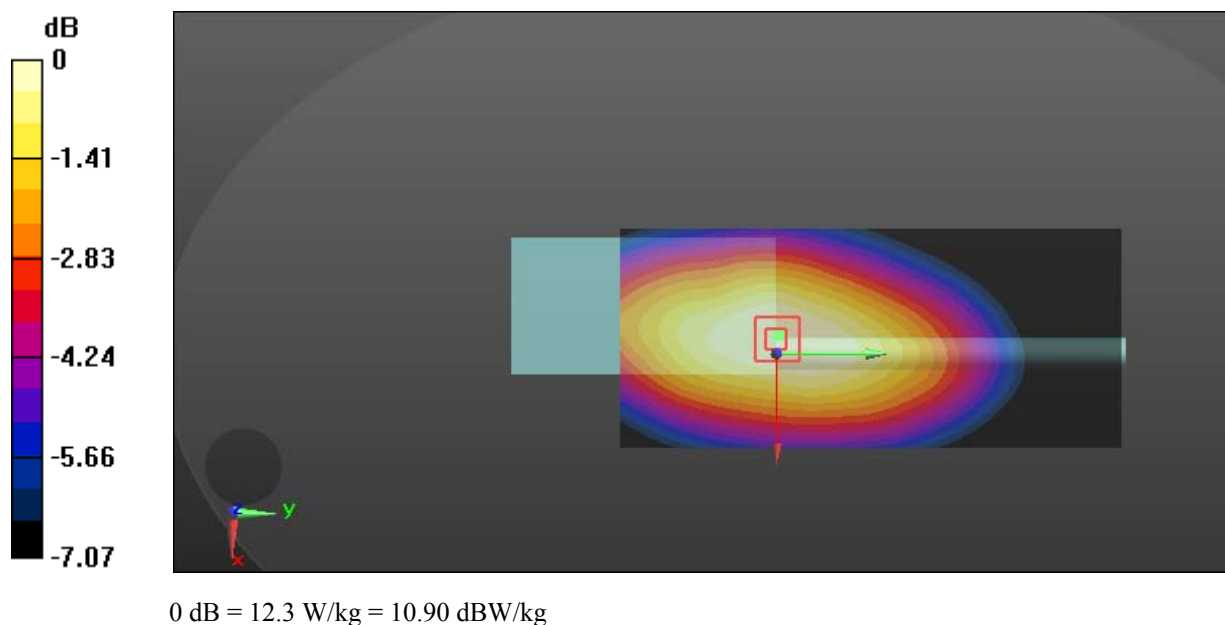
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 112.2 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 13.4 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 8.47 W/kg

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



Test Plot 28#: PTT_FM 25KHz_Body Back_447.9875 MHz_ T03-00302-GBAA_2017/09/24

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988$ MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 55.513$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.0 W/kg

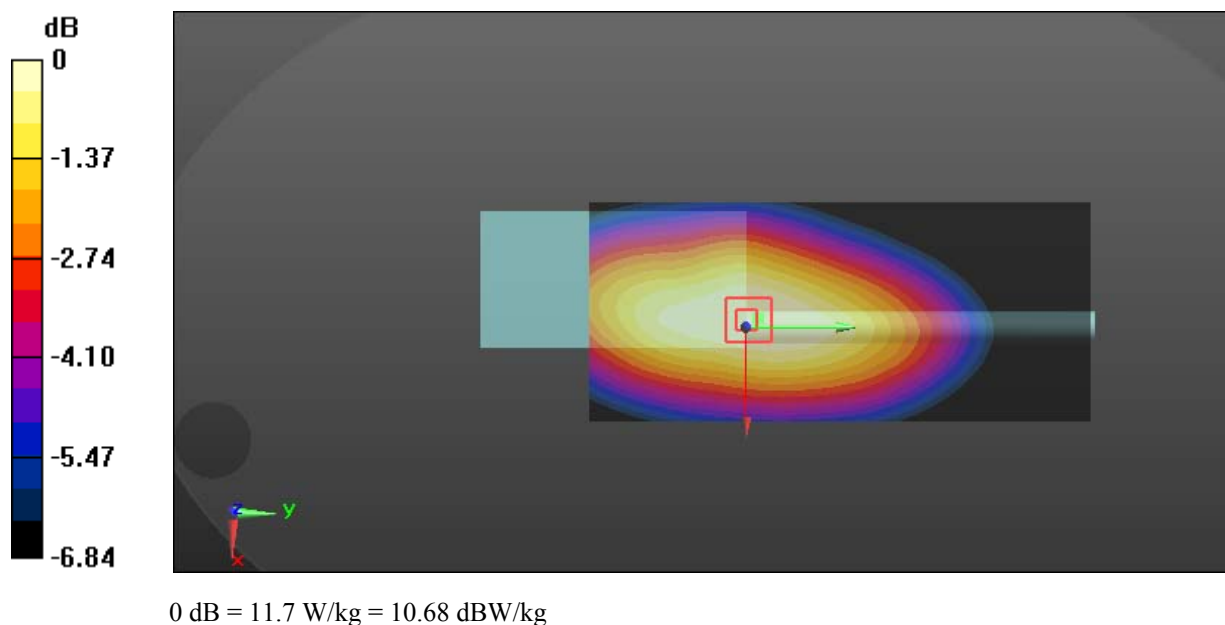
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 109.6 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 9.93 W/kg; SAR(10 g) = 8.05 W/kg

Maximum value of SAR (measured) = 11.7 W/kg



Test Plot 29#: PTT_FM 25KHz_Body Back_463.9875 MHz_ T03-00302-GBAA_2017/09/24

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

Communication System: FM; Frequency: 463.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 463.988$ MHz; $\sigma = 0.973$ S/m; $\epsilon_r = 55.318$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.8 W/kg

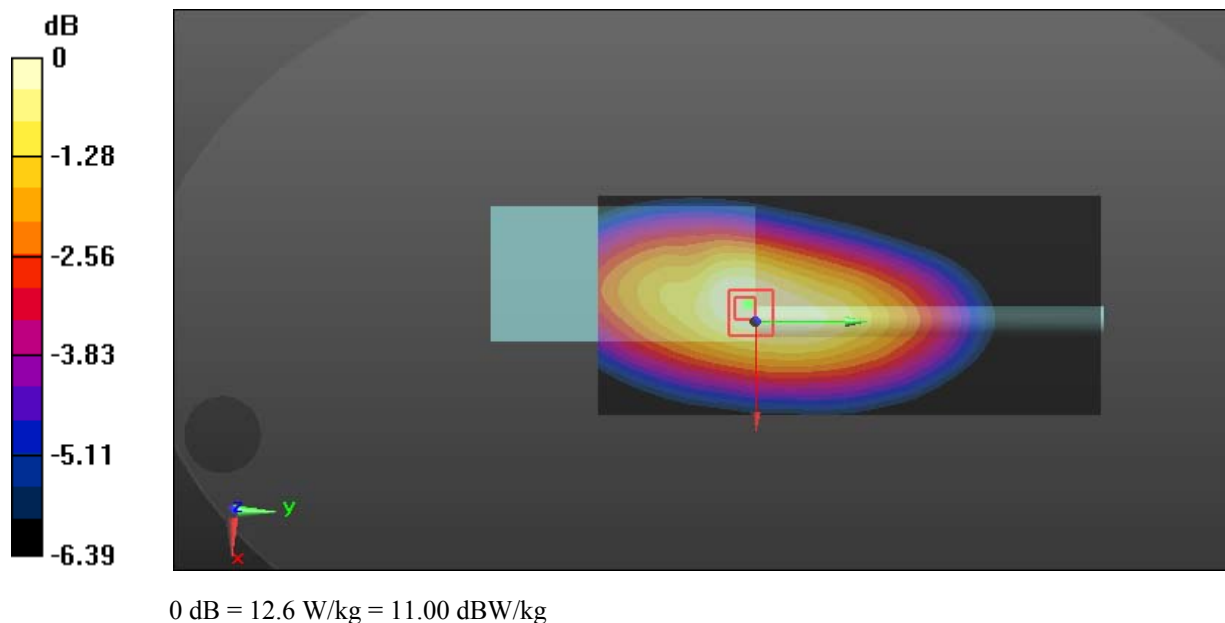
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.8 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 13.8 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 8.44 W/kg

Maximum value of SAR (measured) = 12.6 W/kg



Test Plot 30#: PTT_FM 25KHz_Body Back_479.9875 MHz_ T03-00302-GBAA_2017/09/24

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

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

Medium parameters used: $f = 479.988$ MHz; $\sigma = 0.976$ S/m; $\epsilon_r = 55.217$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.51 W/kg

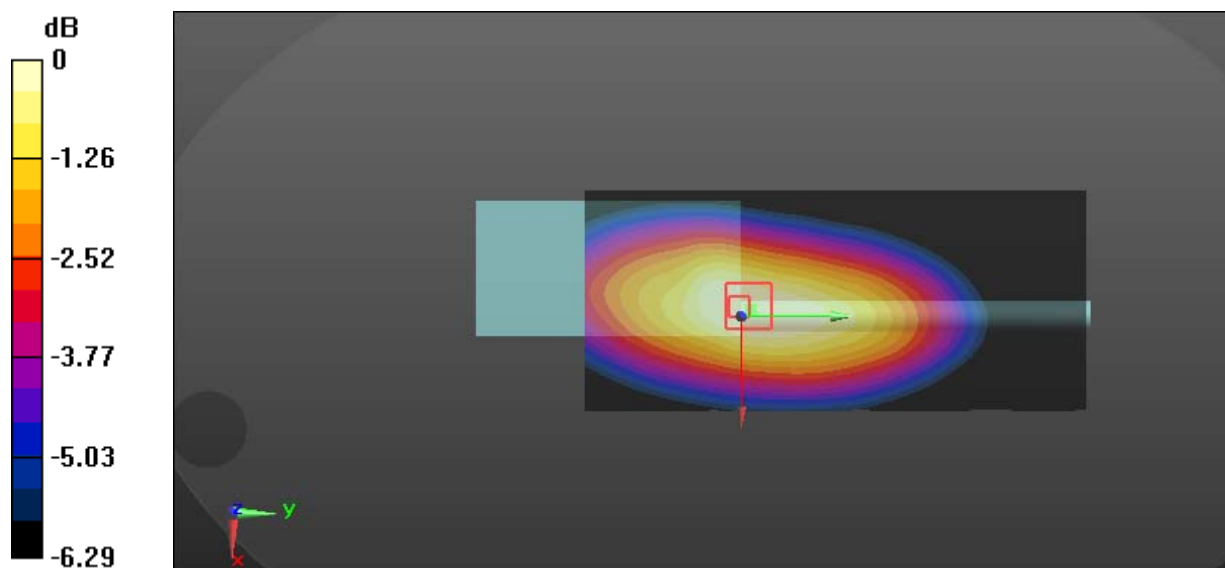
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.59 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 7.94 W/kg

SAR(1 g) = 6.14 W/kg; SAR(10 g) = 4.93 W/kg

Maximum value of SAR (measured) = 7.30 W/kg



0 dB = 7.30 W/kg = 8.63 dBW/kg

Test Plot 31#: PTT_4FSK 12.5KHz_Face Up_400.0125 MHz_ T03-00302-GBAA_2017/09/23

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.05 W/kg

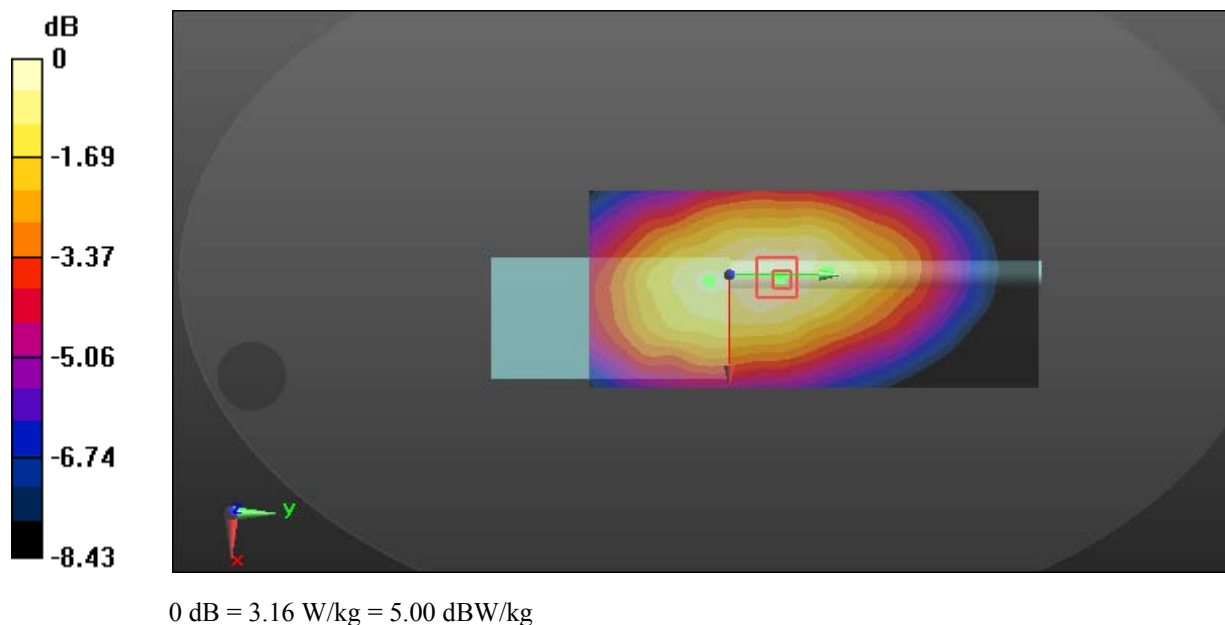
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.70 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 3.65 W/kg

SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.75 W/kg

Maximum value of SAR (measured) = 3.16 W/kg



Test Plot 32#: PTT_4FSK 12.5KHz_Body Back_400.0125 MHz_ T03-00302-GBAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GBAA; Serial: 17081000221

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 55.941$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 6.96 W/kg

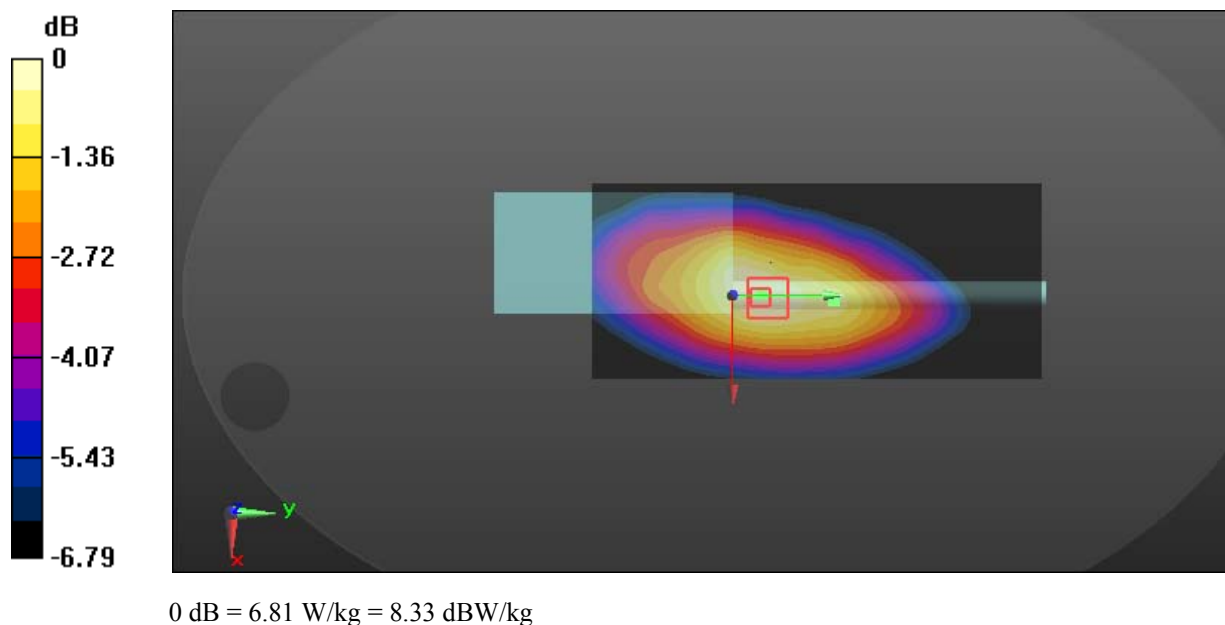
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 79.91 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 7.62 W/kg

SAR(1 g) = 5.69 W/kg; SAR(10 g) = 4.49 W/kg

Maximum value of SAR (measured) = 6.81 W/kg



Test Plot 33#: PTT_FM 12.5KHz_Face Up_400.0125 MHz_ T03-00302-GCAA_2017/09/23

DUT: Two way radio; Type: T03-00302-GCAA; Serial: 17081000222

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.20 W/kg

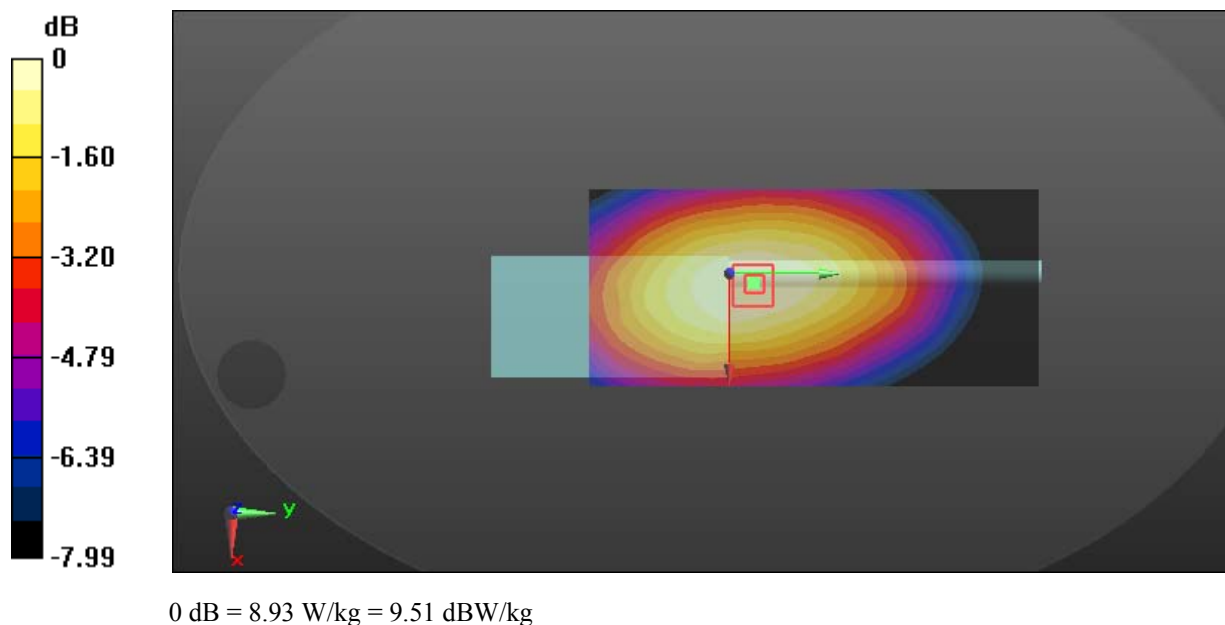
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.42 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 10.4 W/kg

SAR(1 g) = 6.77 W/kg; SAR(10 g) = 5.01 W/kg

Maximum value of SAR (measured) = 8.93 W/kg



Test Plot 34#: PTT_FM 12.5KHz_Body Back_400.0125 MHz_ T03-00302-GCAA_2017/09/22

DUT: Two way radio; **Type:** T03-00302-GCAA; **Serial:** 17081000222

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 55.941$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 13.7 W/kg

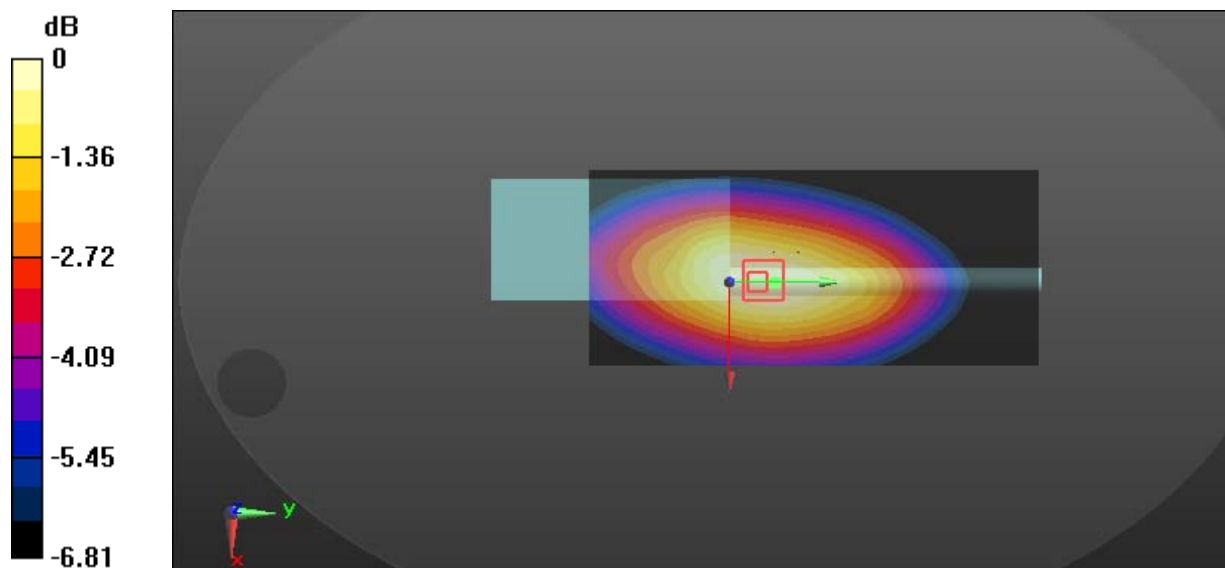
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 115.9 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 14.7 W/kg

SAR(1 g) = 11.2 W/kg; SAR(10 g) = 8.87 W/kg

Maximum value of SAR (measured) = 13.4 W/kg



0 dB = 13.4 W/kg = 11.27 dBW/kg

Test Plot 35#: PTT_FM 12.5KHz_Body Back_416.0125 MHz_ T03-00302-GCAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GCAA; Serial: 17081000222

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 55.798$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 14.1 W/kg

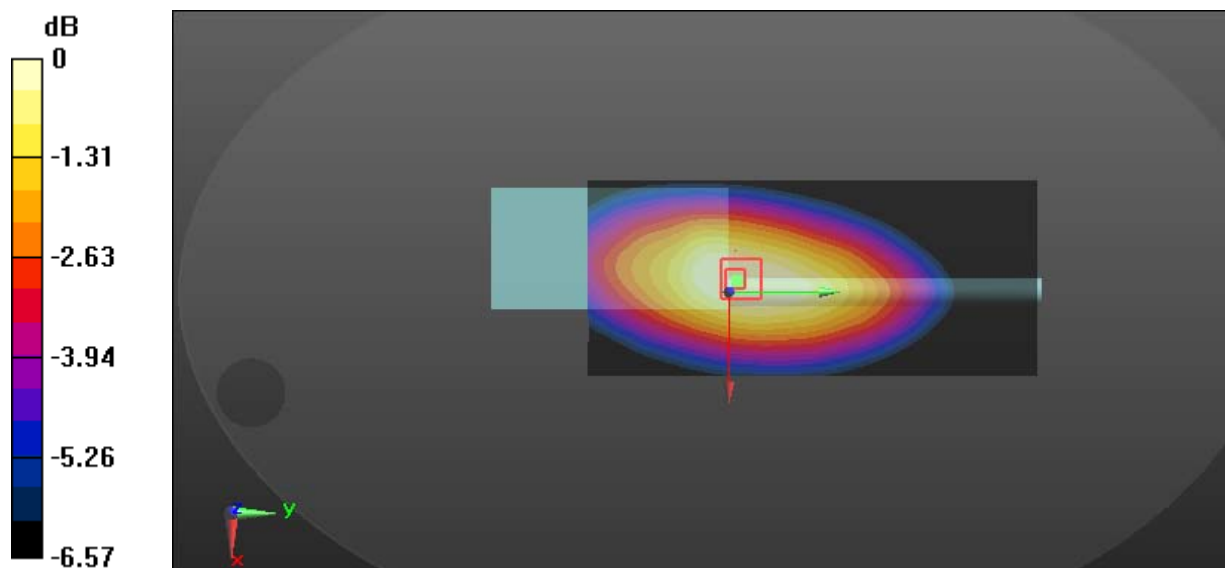
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 114.8 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 15.0 W/kg

SAR(1 g) = 11.4 W/kg; SAR(10 g) = 9.16 W/kg

Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.37 dBW/kg

Test Plot 36#: PTT_FM 12.5KHz_Body Back_432.0125 MHz_ T03-00302-GCAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GCAA; Serial: 17081000222

Communication System: FM; Frequency: 432.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 55.654$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

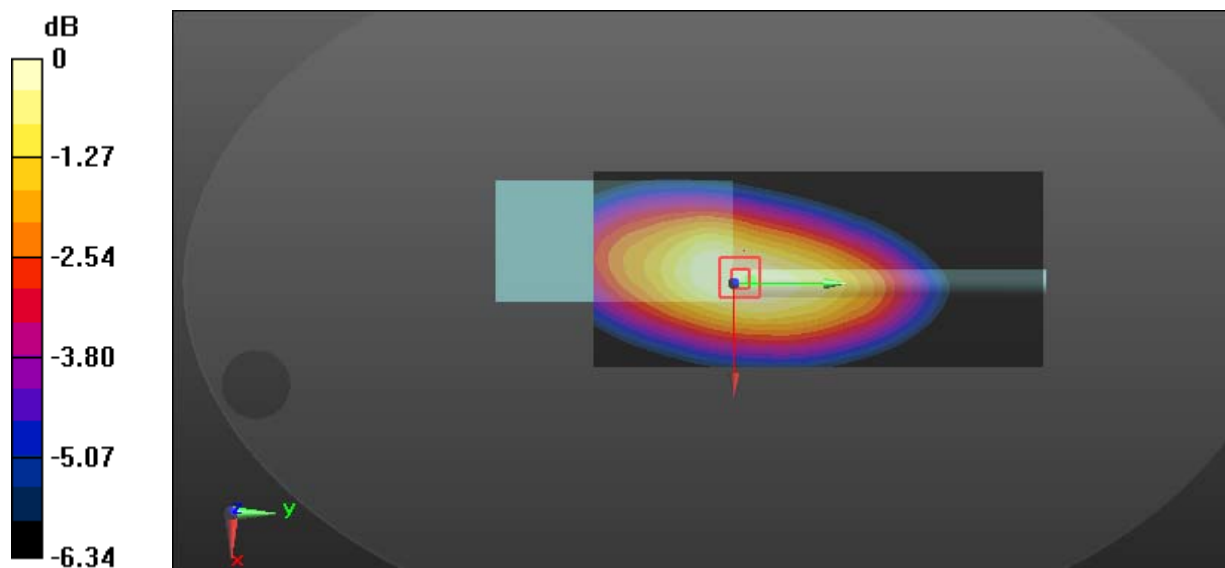
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.1 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 13.2 W/kg

SAR(1 g) = 9.79 W/kg; SAR(10 g) = 7.88 W/kg

Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg = 10.76 dBW/kg

Test Plot 37#: PTT_FM 12.5KHz_Body Back_447.9875 MHz_ T03-00302-GCAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GCAA; Serial: 17081000222

Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 55.511$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.2 W/kg

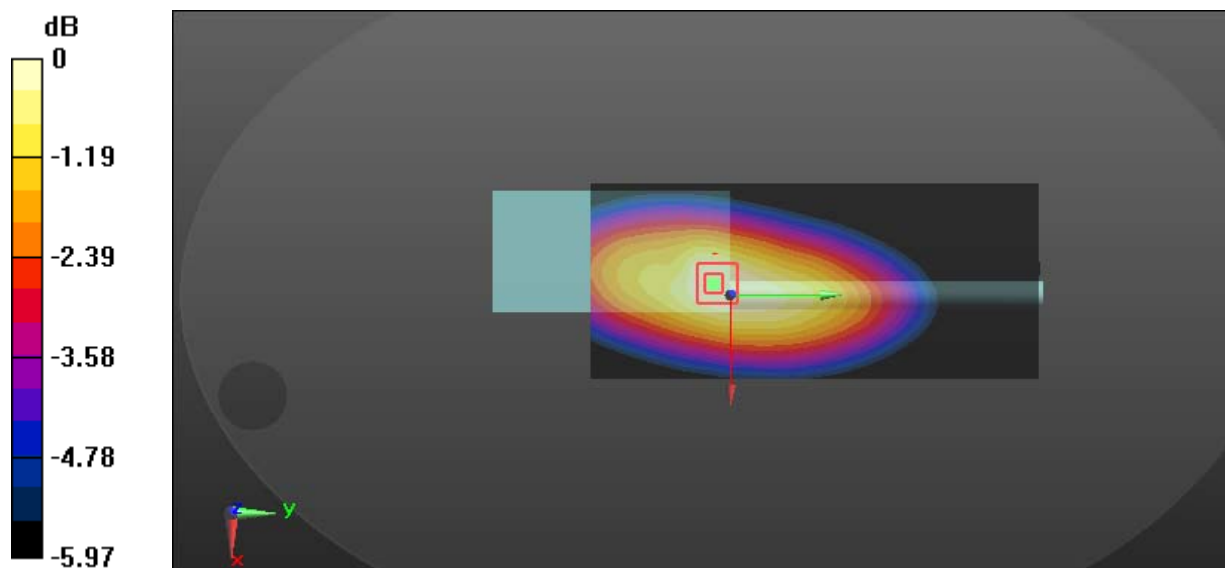
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.9 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 13.2 W/kg

SAR(1 g) = 9.91 W/kg; SAR(10 g) = 7.99 W/kg

Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg = 10.76 dBW/kg

Test Plot 38#: PTT_FM 12.5KHz_Body Back_463.9875 MHz_ T03-00302-GCAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GCAA; Serial: 17081000222

Communication System: FM; Frequency: 463.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 463.988$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 55.243$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

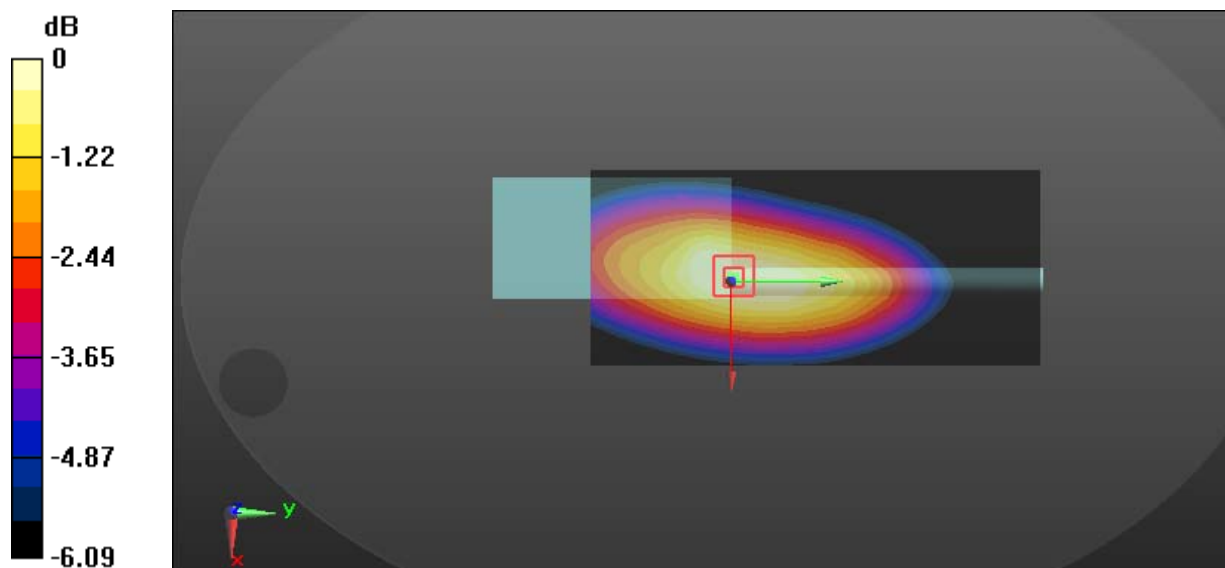
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 113.3 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 15.4 W/kg

SAR(1 g) = 11.4 W/kg; SAR(10 g) = 9.16 W/kg

Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8 W/kg = 11.40 dBW/kg

Test Plot 39#: PTT_FM 12.5KHz_Body Back_479.9875 MHz_ T03-00302-GCAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GCAA; Serial: 17081000222

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

Medium parameters used: $f = 479.988$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 55.121$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.47 W/kg

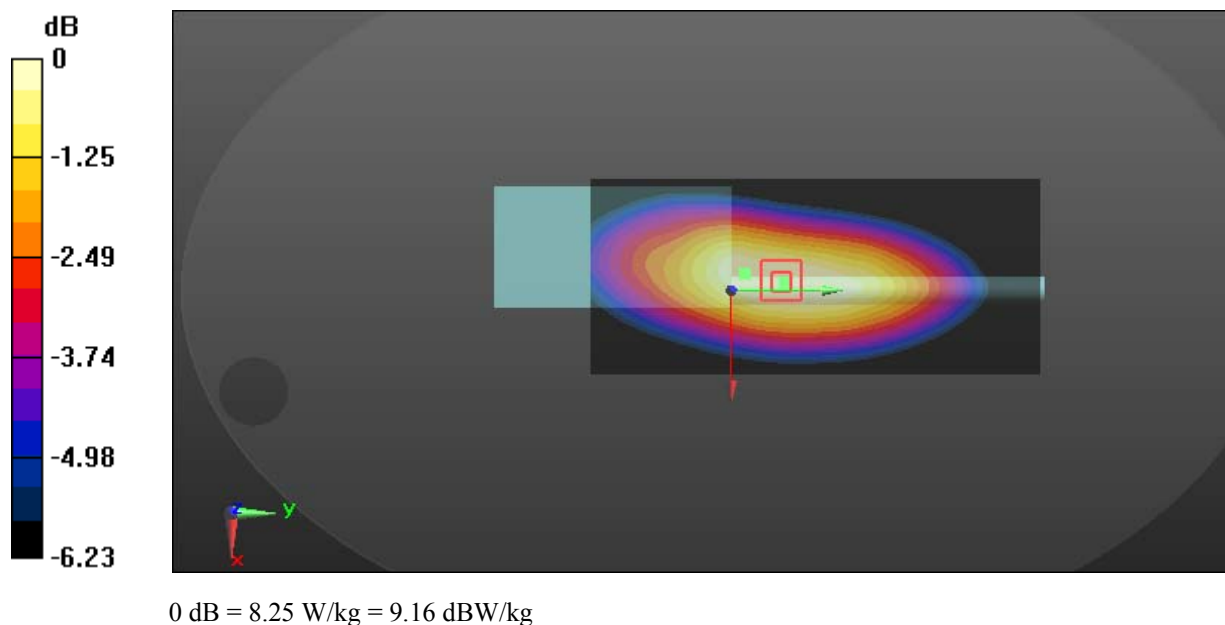
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.92 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 9.32 W/kg

SAR(1 g) = 6.65 W/kg; SAR(10 g) = 5.22 W/kg

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



Test Plot 40#: PTT_FM 25KHz_Face Up_400.0125 MHz_ T03-00302-GCAA_2017/09/23

DUT: Two way radio; **Type:** T03-00302-GCAA; **Serial:** 17081000222

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.79 W/kg

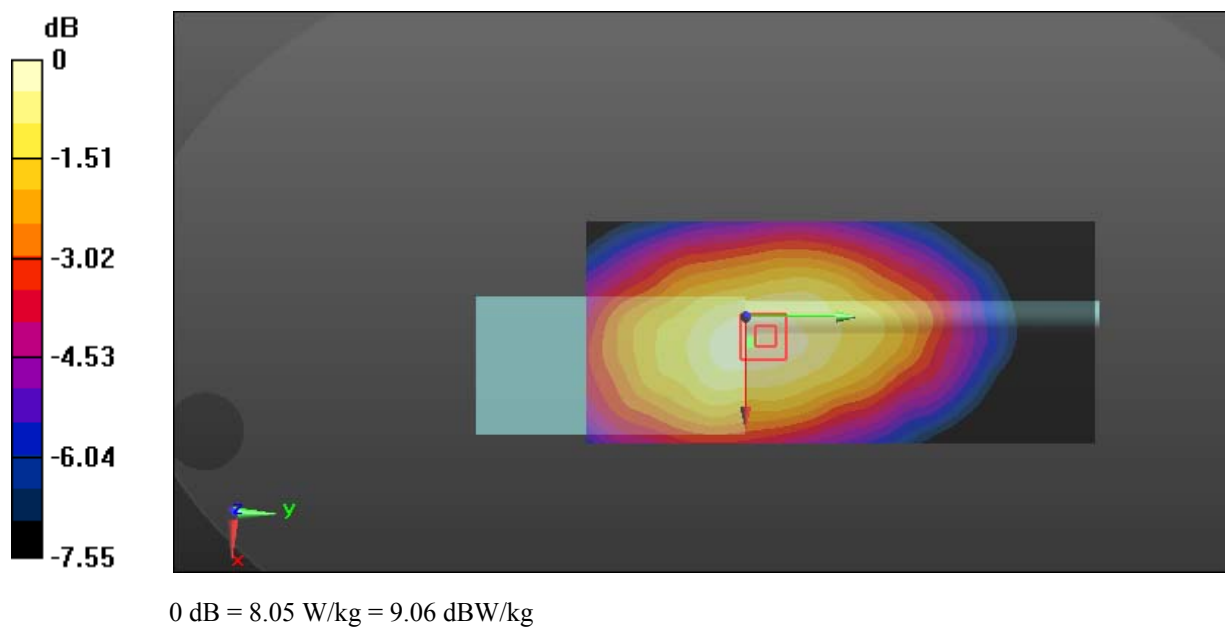
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.74 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 9.41 W/kg

SAR(1 g) = 6.04 W/kg; SAR(10 g) = 4.46 W/kg

Maximum value of SAR (measured) = 8.05 W/kg



Test Plot 41#: PTT_FM 25KHz_Body Back_400.0125 MHz_ T03-00302-GCAA_2017/09/24

DUT: Two way radio; **Type:** T03-00302-GCAA; **Serial:** 17081000222

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.957$ S/m; $\epsilon_r = 55.756$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 14.0 W/kg

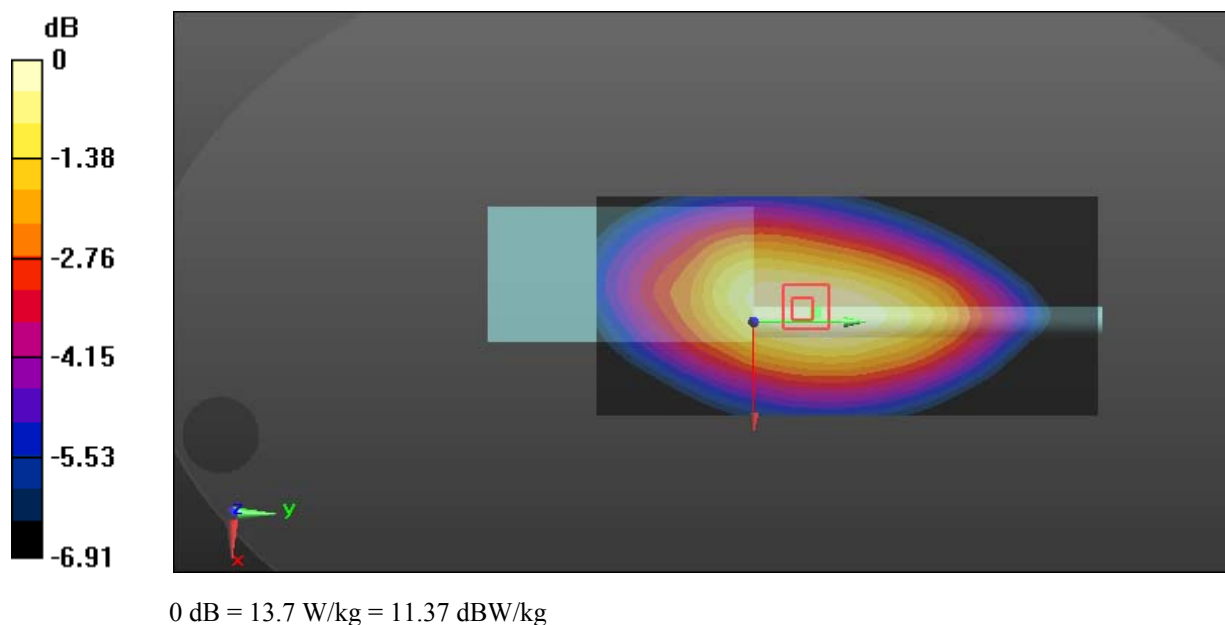
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 111.6 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 15.3 W/kg

SAR(1 g) = 11.2 W/kg; SAR(10 g) = 8.75 W/kg

Maximum value of SAR (measured) = 13.7 W/kg



Test Plot 42#: PTT_FM 25KHz_Body Back_416.0125 MHz_ T03-00302-GCAA_2017/09/24

DUT: Two way radio; Type: T03-00302-GCAA; Serial: 17081000222

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 55.631$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 13.4 W/kg

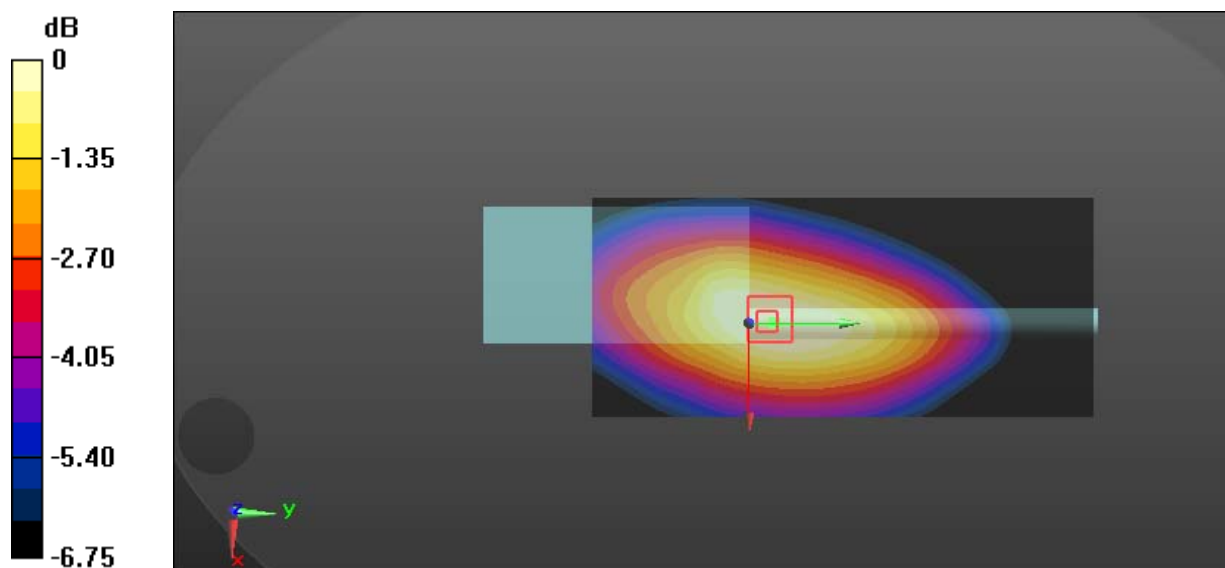
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 117.3 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 14.2 W/kg

SAR(1 g) = 10.7 W/kg; SAR(10 g) = 8.46 W/kg

Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg = 11.11 dBW/kg

Test Plot 43#: PTT_FM 25KHz_Body Back_432.0125 MHz_ T03-00302-GCAA_2017/09/24

DUT: Two way radio; Type: T03-00302-GCAA; Serial: 17081000222

Communication System: FM; Frequency: 432.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 55.608$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.6 W/kg

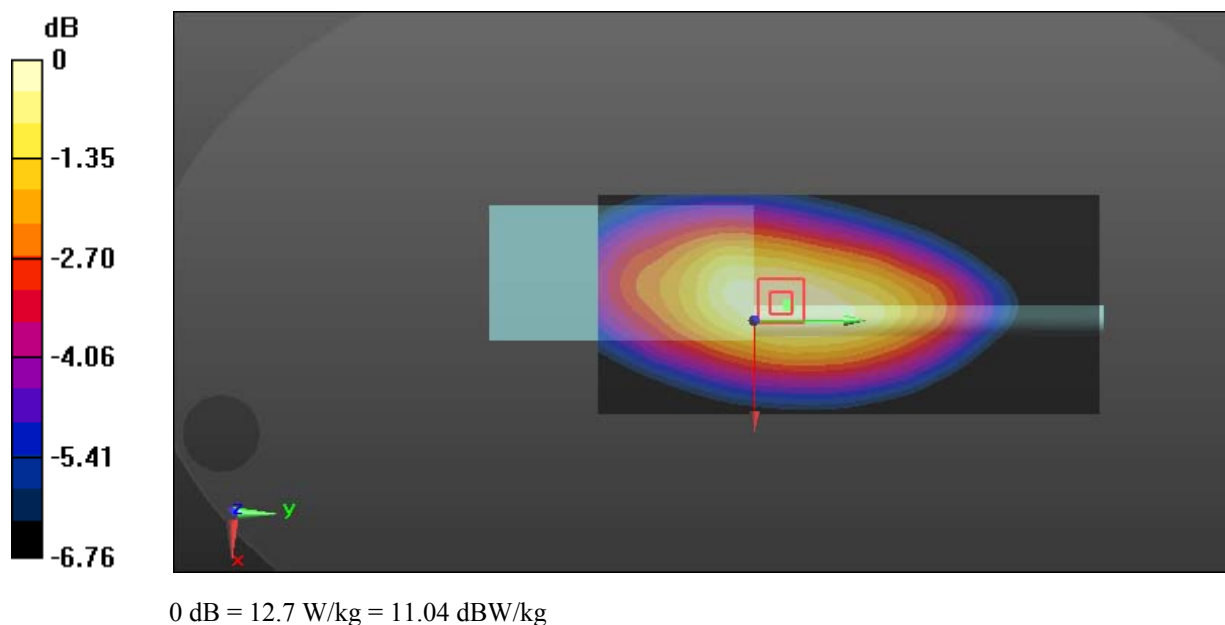
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 106.3 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 14.4 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 8.03 W/kg

Maximum value of SAR (measured) = 12.7 W/kg



Test Plot 44#: PTT_FM 25KHz_Body Back_447.9875 MHz_ T03-00302-GCAA_2017/09/24

DUT: Two way radio; **Type:** T03-00302-GCAA; **Serial:** 17081000222

Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988$ MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 55.513$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.4 W/kg

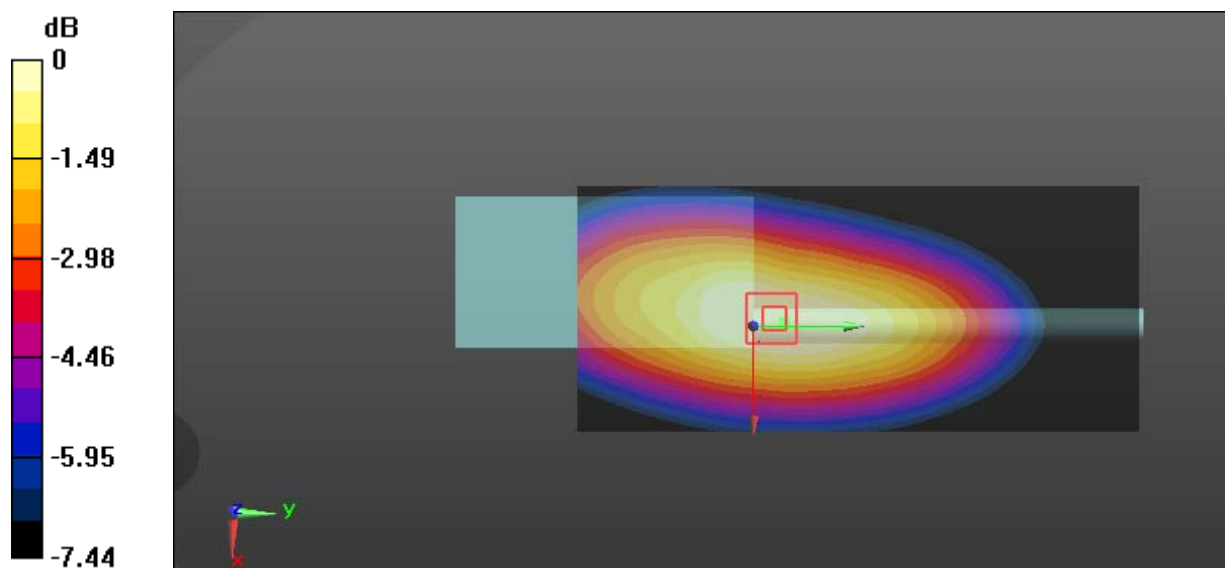
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.9 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 14.2 W/kg

SAR(1 g) = 9.62 W/kg; SAR(10 g) = 6.96 W/kg

Maximum value of SAR (measured) = 12.4 W/kg



0 dB = 12.4 W/kg = 10.93 dBW/kg

Test Plot 45#: PTT_FM 25KHz_Body Back_463.9875 MHz_ T03-00302-GCAA_2017/09/24

DUT: Two way radio; Type: T03-00302-GCAA; Serial: 17081000222

Communication System: FM; Frequency: 463.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 463.988$ MHz; $\sigma = 0.973$ S/m; $\epsilon_r = 55.318$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.1 W/kg

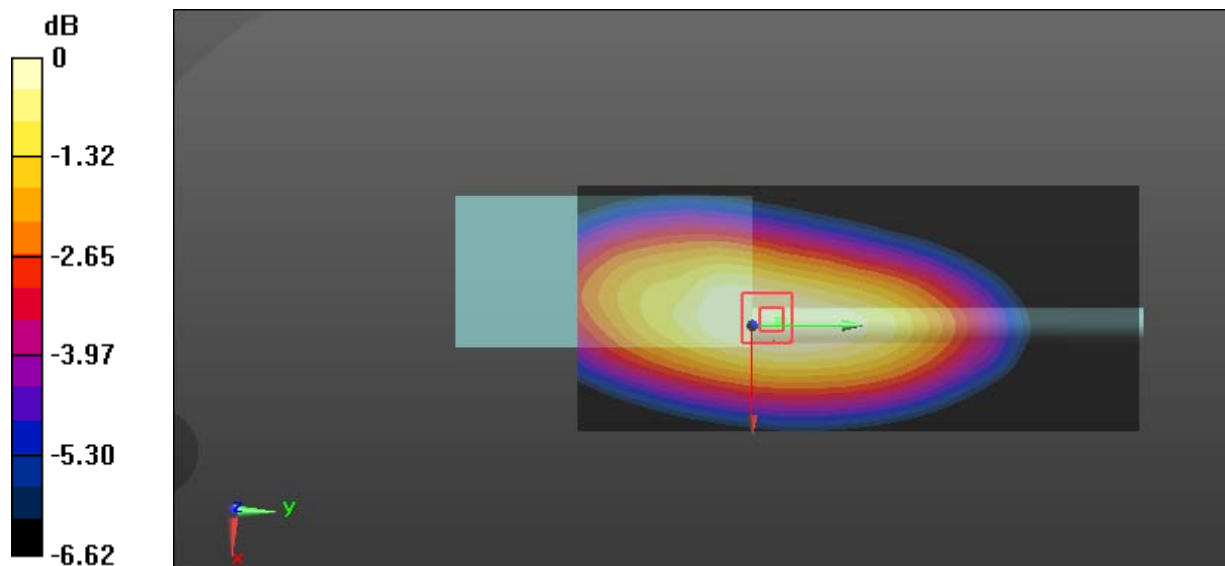
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 111.8 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.61 W/kg

Maximum value of SAR (measured) = 13.6 W/kg



0 dB = 13.6 W/kg = 11.34 dBW/kg

Test Plot 46#: PTT_FM 25KHz_Body Back_479.9875 MHz_ T03-00302-GCAA_2017/09/24

DUT: Two way radio; Type: T03-00302-GCAA; Serial: 17081000222

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

Medium parameters used: $f = 479.988$ MHz; $\sigma = 0.976$ S/m; $\epsilon_r = 55.217$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.21 W/kg

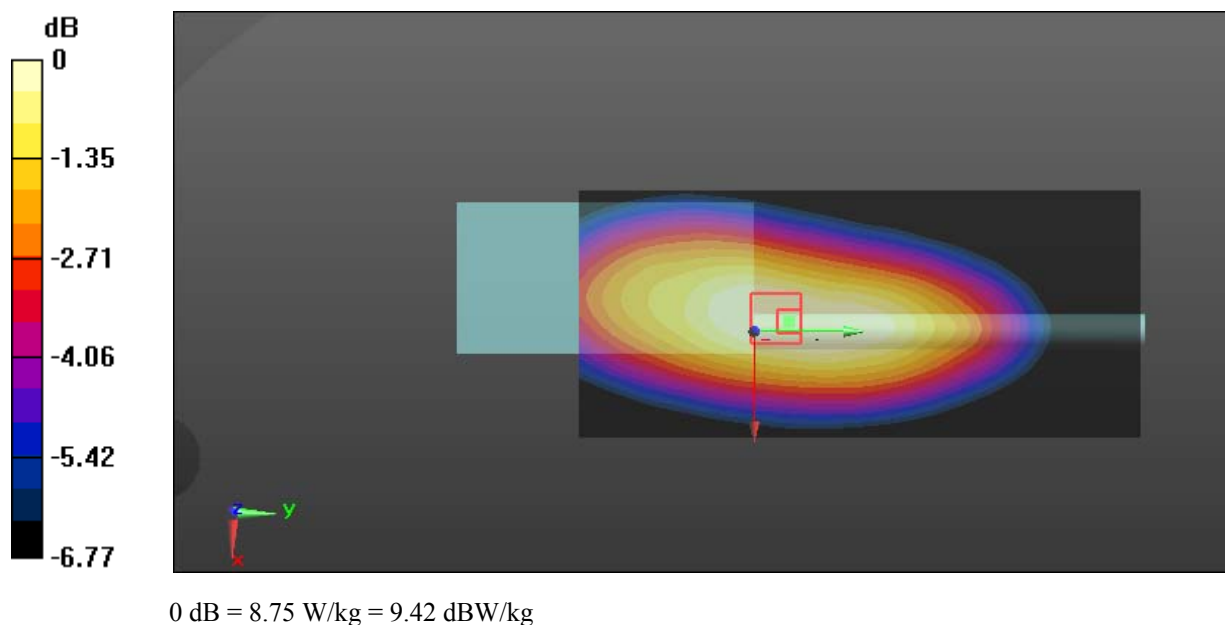
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.84 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 9.97 W/kg

SAR(1 g) = 6.77 W/kg; SAR(10 g) = 4.89 W/kg

Maximum value of SAR (measured) = 8.75 W/kg



Test Plot 47#: PTT_4FSK 12.5KHz_Face Up_400.0125 MHz_ T03-00302-GCAA_2017/09/23

DUT: Two way radio; Type: T03-00302-GCAA; Serial: 17081000222

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.53 W/kg

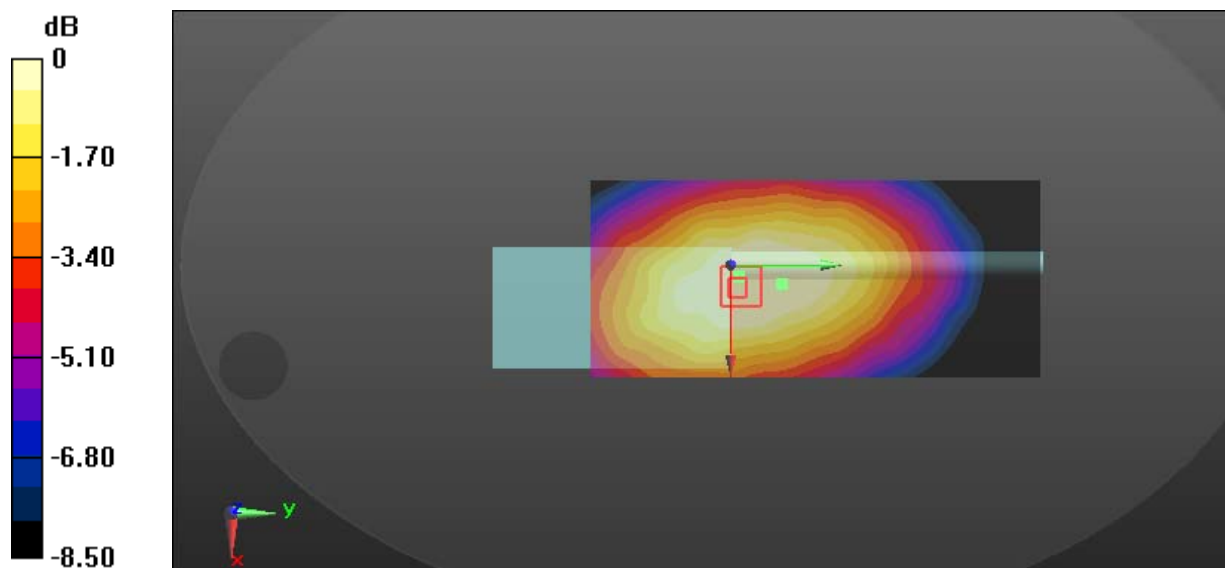
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 62.68 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 4.76 W/kg

SAR(1 g) = 3.09 W/kg; SAR(10 g) = 2.26 W/kg

Maximum value of SAR (measured) = 4.03 W/kg



0 dB = 4.03 W/kg = 6.05 dBW/kg

Test Plot 48#: PTT_4FSK 12.5KHz_Body Back_400.0125 MHz_ T03-00302-GCAA_2017/09/22

DUT: Two way radio; Type: T03-00302-GCAA; Serial: 17081000222

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 55.941$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); 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 (71x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.64 W/kg

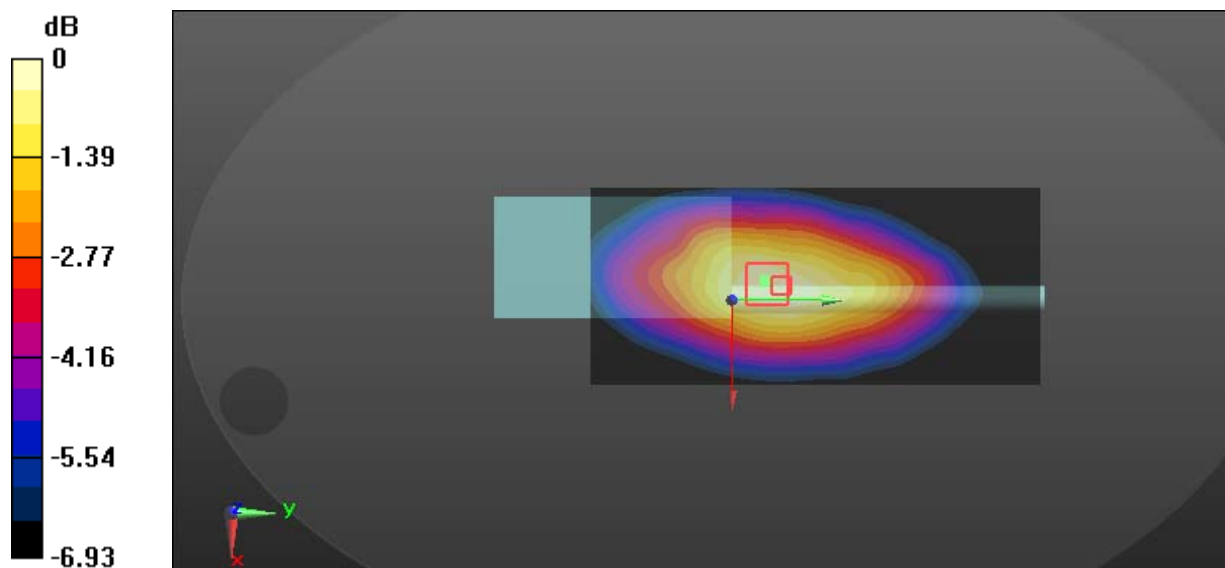
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 77.97 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 8.84 W/kg

SAR(1 g) = 6.06 W/kg; SAR(10 g) = 4.78 W/kg

Maximum value of SAR (measured) = 7.77 W/kg



0 dB = 7.77 W/kg = 8.90 dBW/kg