

Test Plot 1#: PTT_FM 12.5kHz_Face Up_375 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

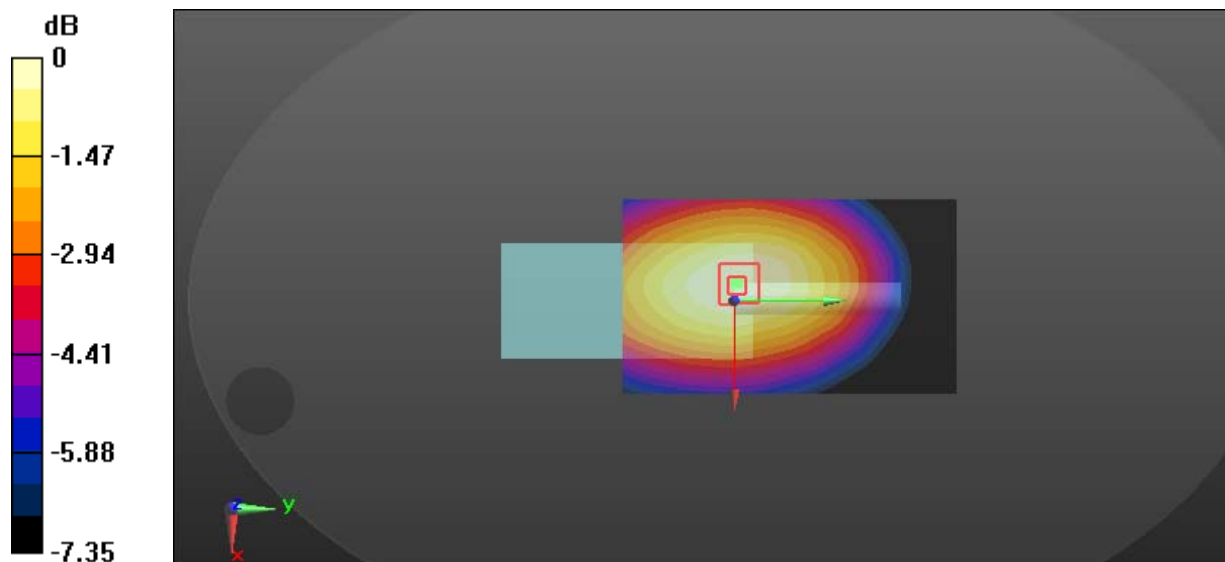
Communication System: FM; Frequency: 375 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 375 \text{ MHz}$; $\sigma = 0.842 \text{ S/m}$; $\epsilon_r = 45.332$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.81 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 72.97 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 6.73 W/kg **SAR(1 g) = 4.43 W/kg ; SAR(10 g) = 3.3 W/kg** Maximum value of SAR (measured) = 5.76 W/kg  $0 \text{ dB} = 5.76 \text{ W/kg} = 7.60 \text{ dBW/kg}$

Test Plot 2#: PTT_FM 25kHz_Face Up_375 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

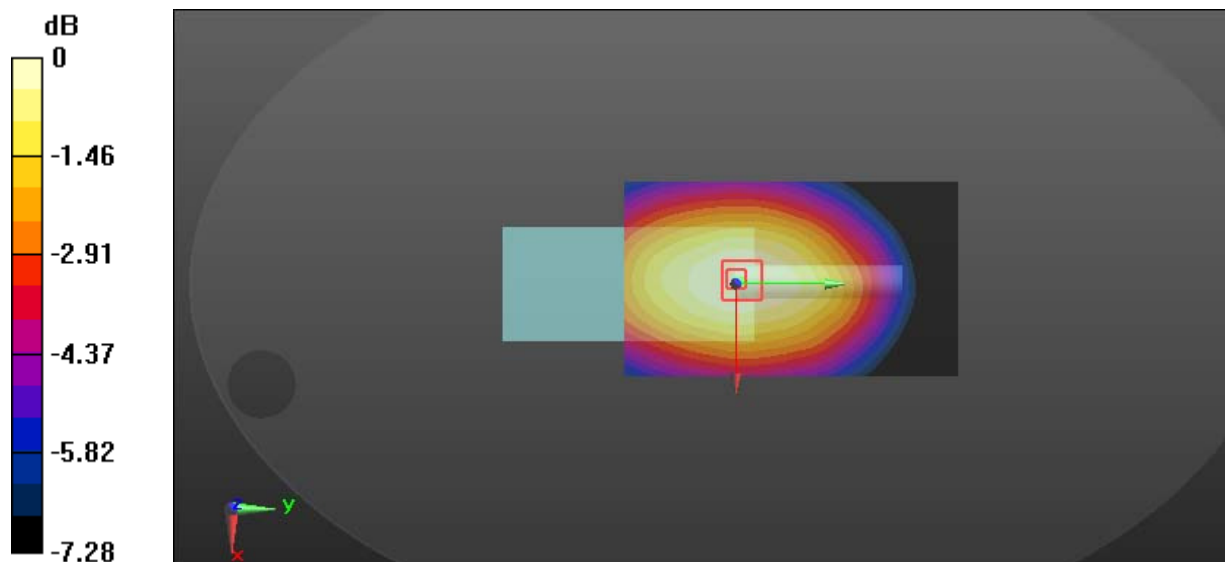
Communication System: FM; Frequency: 375 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 375 \text{ MHz}$; $\sigma = 0.842 \text{ S/m}$; $\epsilon_r = 45.332$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.87 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 74.10 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 6.71 W/kg **SAR(1 g) = 4.49 W/kg ; SAR(10 g) = 3.35 W/kg** Maximum value of SAR (measured) = 5.79 W/kg  $0 \text{ dB} = 5.79 \text{ W/kg} = 7.63 \text{ dBW/kg}$

Test Plot 3#: PTT_4FSK 12.5kHz_Face Up_375 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

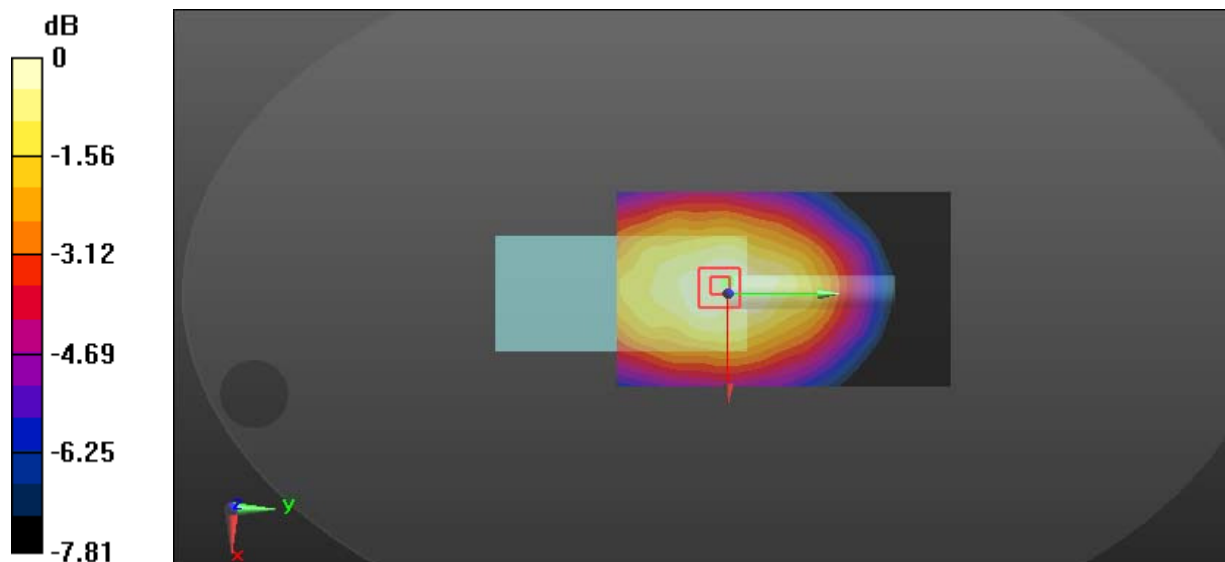
Communication System: 4FSK; Frequency: 375 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 375 \text{ MHz}$; $\sigma = 0.842 \text{ S/m}$; $\epsilon_r = 45.332$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.17 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 55.27 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 3.81 W/kg **SAR(1 g) = 2.46 W/kg ; SAR(10 g) = 1.84 W/kg** Maximum value of SAR (measured) = 3.23 W/kg  $0 \text{ dB} = 3.23 \text{ W/kg} = 5.09 \text{ dBW/kg}$

Test Plot 4#: PTT_FM 12.5kHz_Body Back_350.0125 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

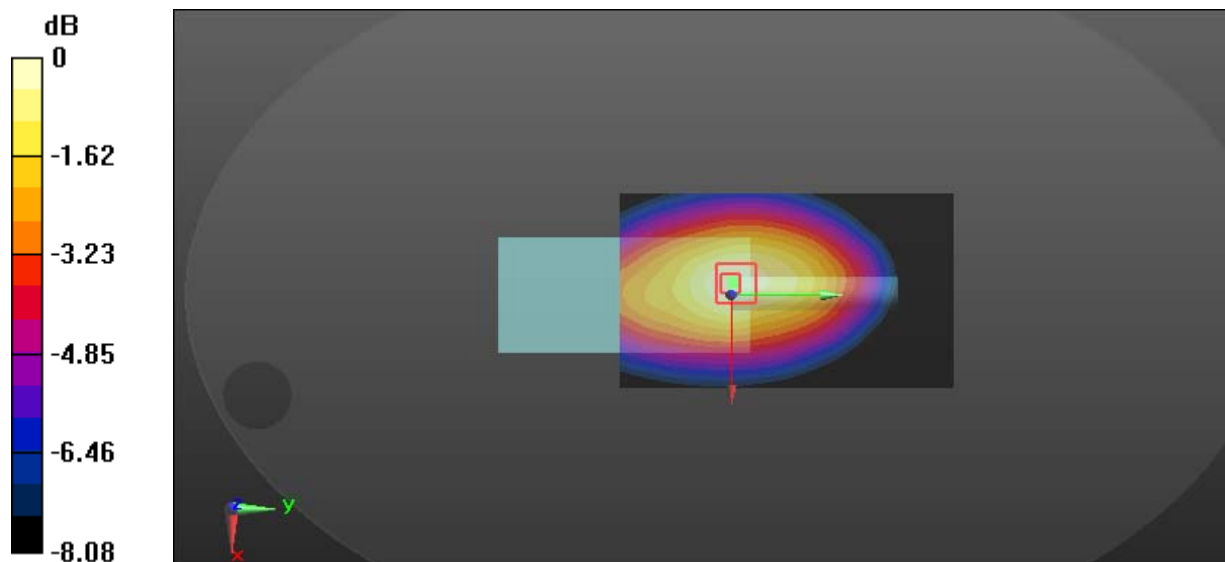
Communication System: FM; Frequency: 350.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 350.012 \text{ MHz}$; $\sigma = 0.902 \text{ S/m}$; $\epsilon_r = 58.539$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.14 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 90.22 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 9.57 W/kg **SAR(1 g) = 6.27 W/kg ; SAR(10 g) = 4.51 W/kg** Maximum value of SAR (measured) = 8.20 W/kg  $0 \text{ dB} = 8.20 \text{ W/kg} = 9.14 \text{ dBW/kg}$

Test Plot 5#: PTT_FM 12.5kHz_Body Back_362.5 MHz**DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220**

Communication System: FM; Frequency: 362.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 362.5$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 55.967$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 9.16 W/kg

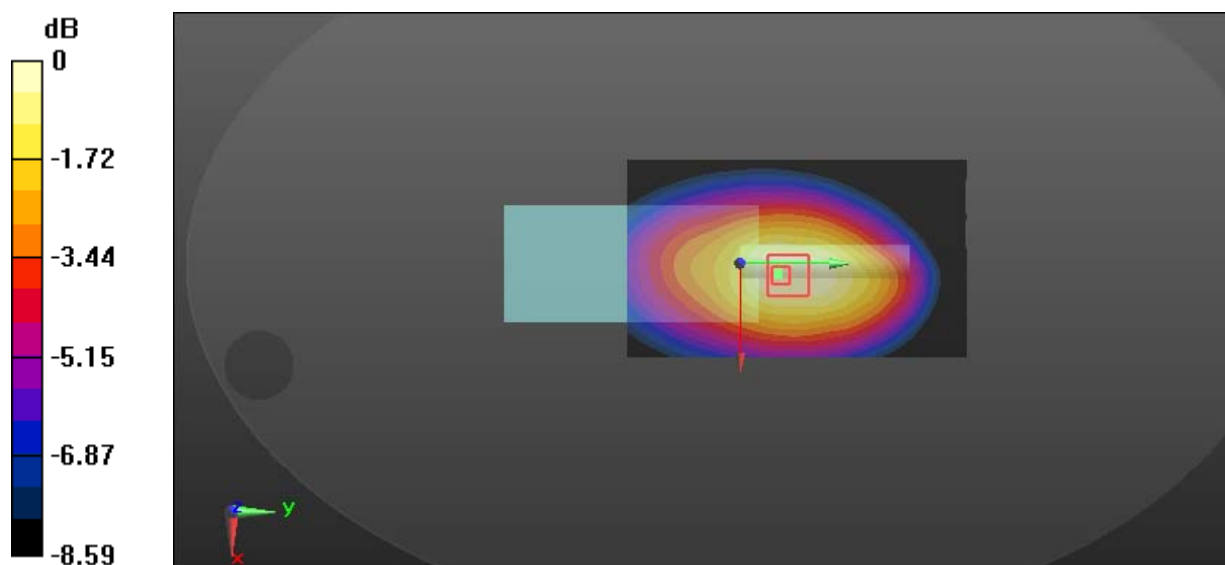
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 73.11 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 6.47 W/kg; SAR(10 g) = 4.65 W/kg

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



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

Test Plot 6#: PTT_FM 12.5kHz_Body Back_375 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

Communication System: FM; Frequency: 375 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 375$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 58.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.27 W/kg

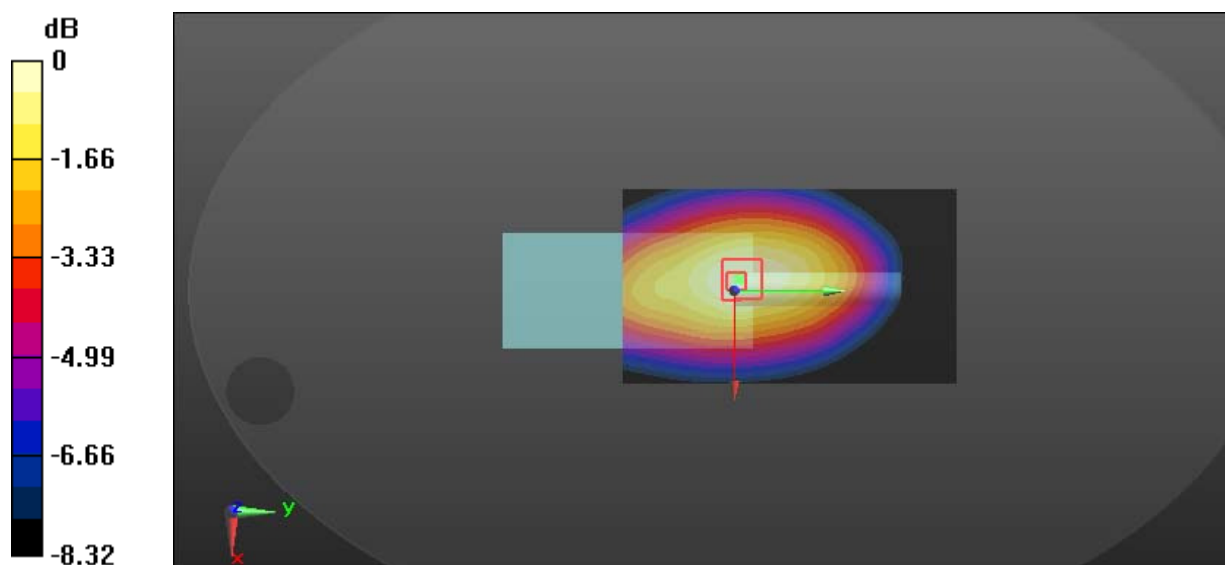
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.81 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 10.4 W/kg

SAR(1 g) = 6.82 W/kg; SAR(10 g) = 4.93 W/kg

Maximum value of SAR (measured) = 8.84 W/kg



0 dB = 8.84 W/kg = 9.46 dBW/kg

Test Plot 7#: PTT_FM 12.5kHz_Body Back_382.5 MHz**DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220**

Communication System: FM; Frequency: 382.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 382.5$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 57.585$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.23 W/kg

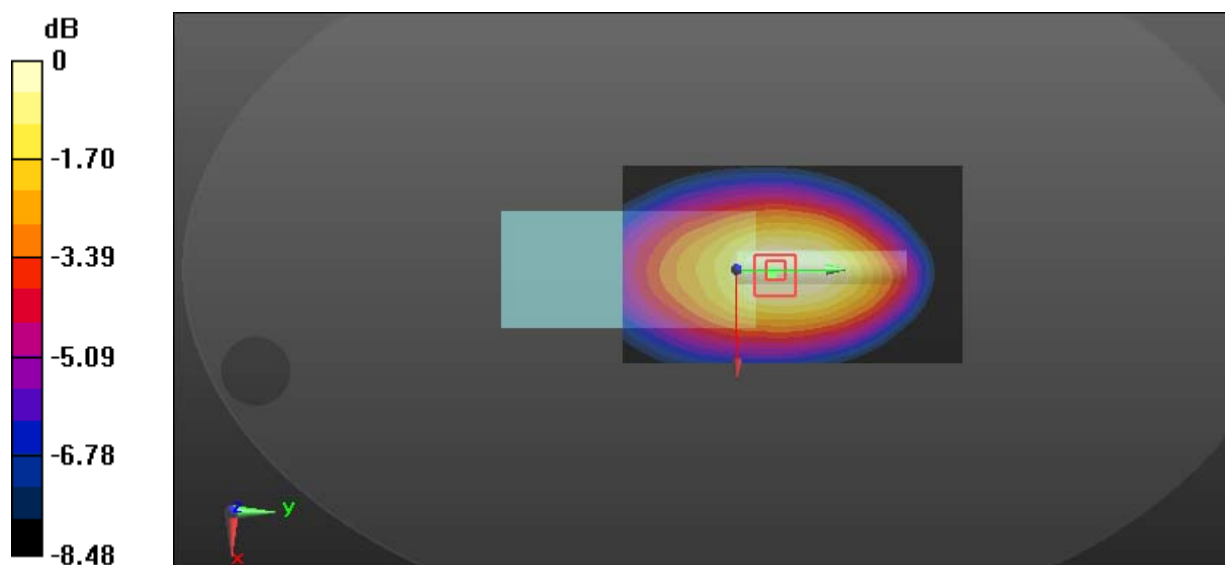
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.77 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 9.18 W/kg

SAR(1 g) = 5.86 W/kg; SAR(10 g) = 4.18 W/kg

Maximum value of SAR (measured) = 7.59 W/kg



0 dB = 7.59 W/kg = 8.80 dBW/kg

Test Plot 8#: PTT_FM 12.5kHz_Body Back_399.9875 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

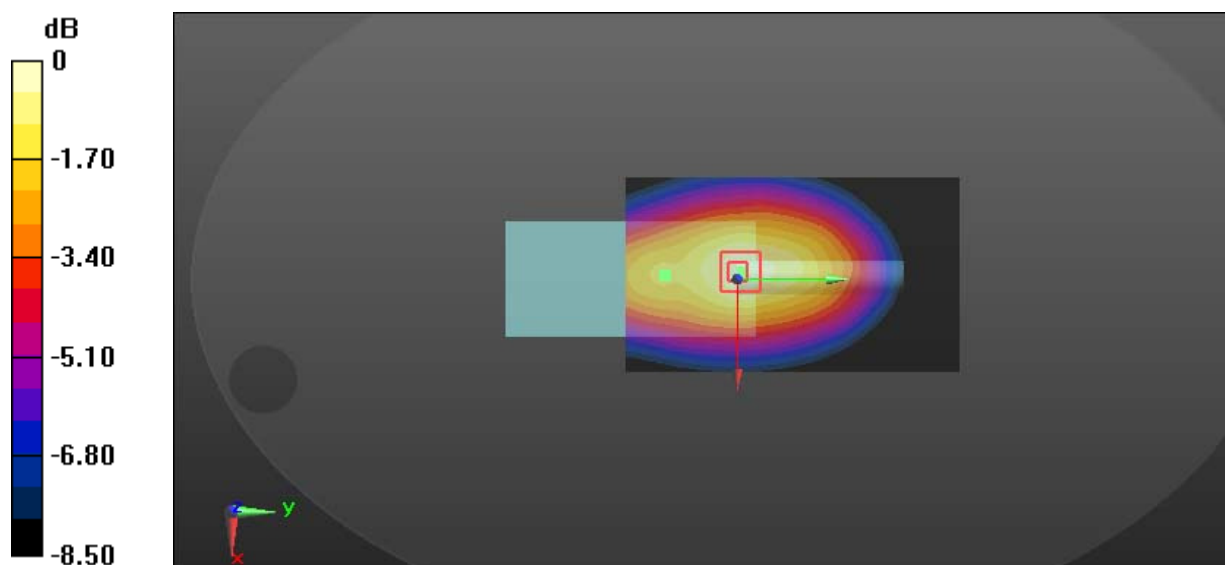
Communication System: FM; Frequency: 399.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 399.988 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 57.112$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 4.51 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 62.54 V/m ; Power Drift = 0.19 dB Peak SAR (extrapolated) = 5.46 W/kg **SAR(1 g) = 3.5 W/kg ; SAR(10 g) = 2.51 W/kg** Maximum value of SAR (measured) = 4.64 W/kg  $0 \text{ dB} = 4.64 \text{ W/kg} = 6.67 \text{ dBW/kg}$

Test Plot 9#: PTT_FM 25kHz_Body Back_350.0125 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

Communication System: FM; Frequency: 350.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 350.012$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 58.539$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 7.65 W/kg

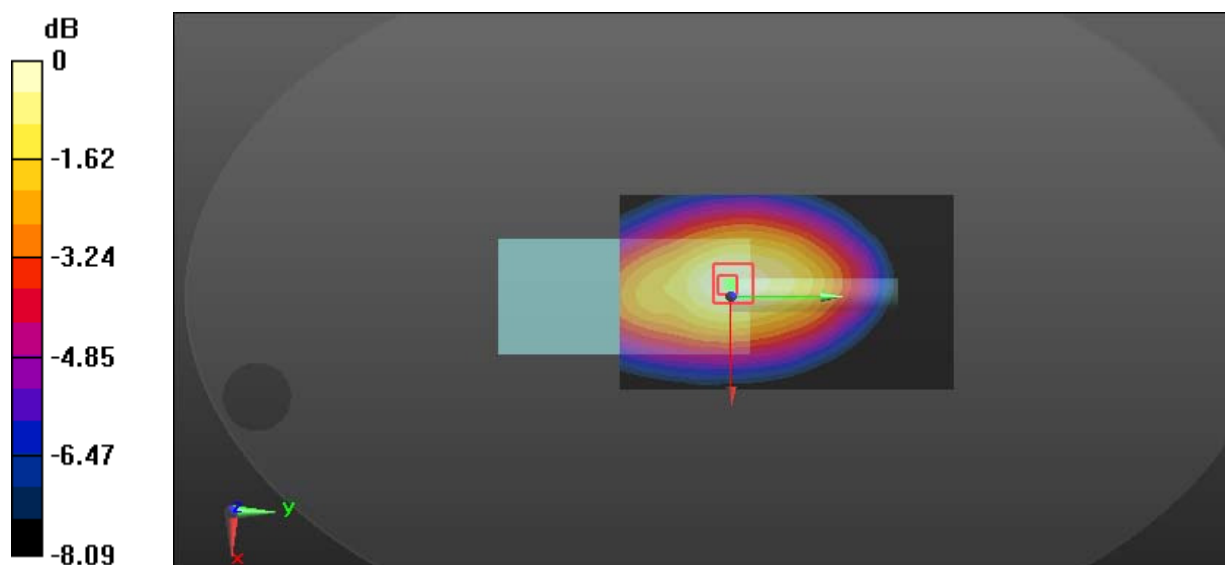
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 83.50 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 9.23 W/kg

SAR(1 g) = 5.93 W/kg; SAR(10 g) = 4.26 W/kg

Maximum value of SAR (measured) = 7.76 W/kg



0 dB = 7.76 W/kg = 8.90 dBW/kg

Test Plot 10#: PTT_FM 25kHz_Body Back_362.5MHz**DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220**

Communication System: FM; Frequency: 362.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 362.5$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 55.967$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.62 W/kg

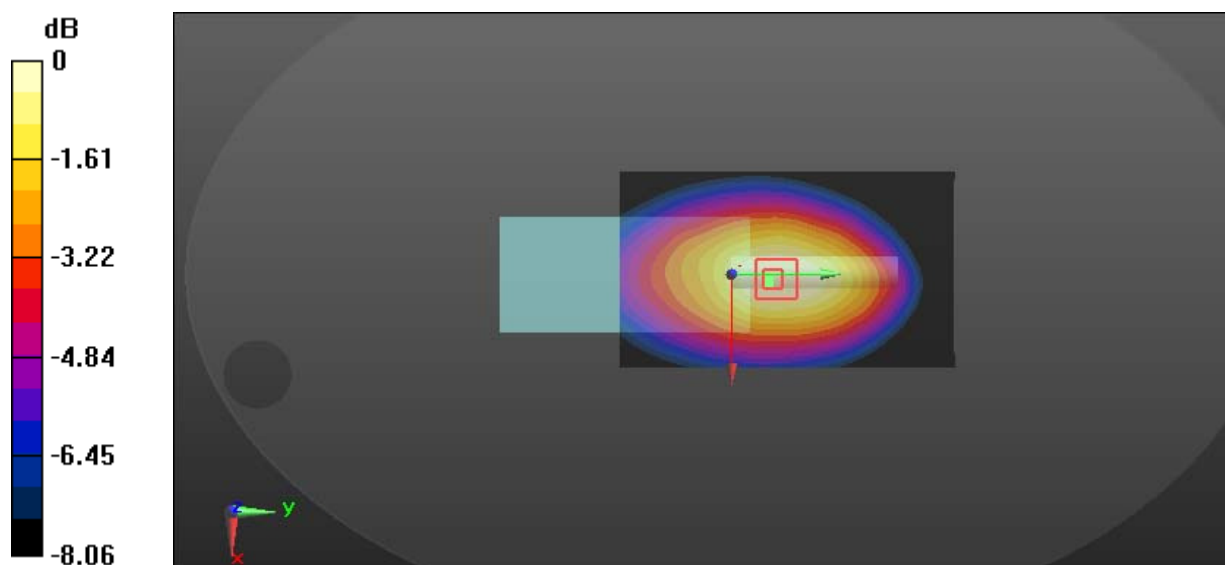
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 74.18 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 9.67 W/kg

SAR(1 g) = 6.24 W/kg; SAR(10 g) = 4.53 W/kg

Maximum value of SAR (measured) = 8.13 W/kg



0 dB = 8.13 W/kg = 9.10 dBW/kg

Test Plot 11#: PTT_FM 25kHz_Body Back_375MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

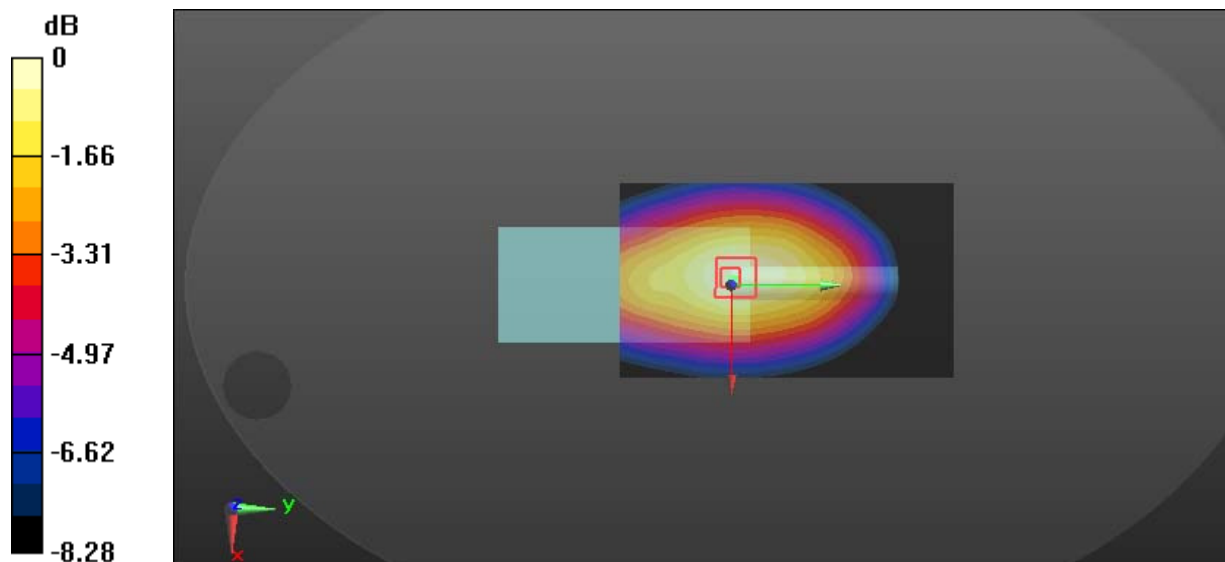
Communication System: FM; Frequency: 375 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 375 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 58.057$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.98 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 = -0.17 dB Peak SAR (extrapolated) = 10.5 W/kg **SAR(1 g) = 6.79 W/kg ; SAR(10 g) = 4.89 W/kg** Maximum value of SAR (measured) = 8.86 W/kg  $0 \text{ dB} = 8.86 \text{ W/kg} = 9.47 \text{ dBW/kg}$

Test Plot 12#: PTT_FM 25kHz_Body Back_382.5MHz**DUT: Digital Poratable Radio; Type: PD702i (1); Serial: 17120701220**

Communication System: FM; Frequency: 382.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 382.5$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 57.585$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.69 W/kg

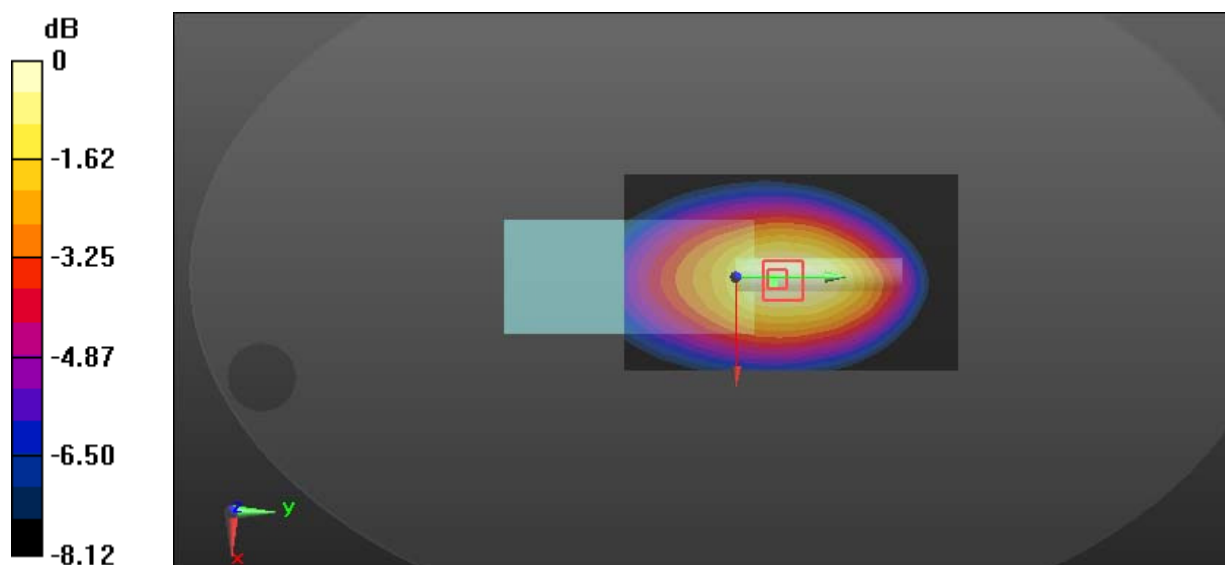
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 69.68 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 9.08 W/kg

SAR(1 g) = 5.62 W/kg; SAR(10 g) = 4.02 W/kg

Maximum value of SAR (measured) = 7.63 W/kg



0 dB = 7.63 W/kg = 8.83 dBW/kg

Test Plot 13#: PTT_FM 25kHz_Body Back_399.9875MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

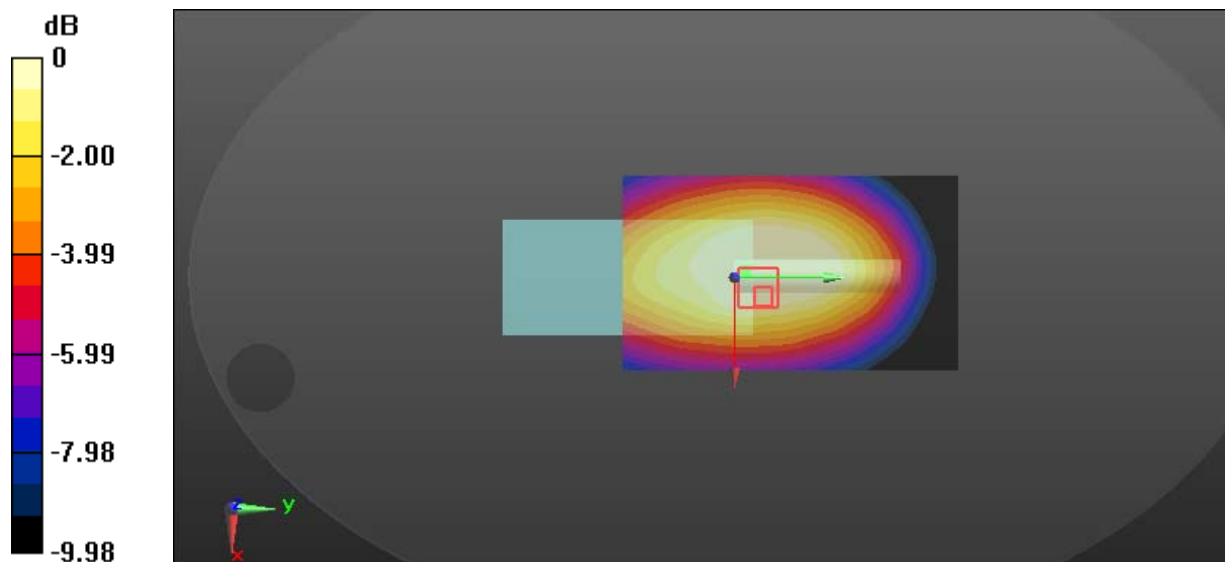
Communication System: FM; Frequency: 399.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 399.988 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 57.112$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 4.57 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 68.72 V/m ; Power Drift = 0.00 dB Peak SAR (extrapolated) = 5.25 W/kg **SAR(1 g) = 3.2 W/kg ; SAR(10 g) = 2.17 W/kg** Maximum value of SAR (measured) = 4.37 W/kg  $0 \text{ dB} = 4.37 \text{ W/kg} = 6.40 \text{ dBW/kg}$

Test Plot 14#: PTT_4FSK 12.5kHz_Body Back_375MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

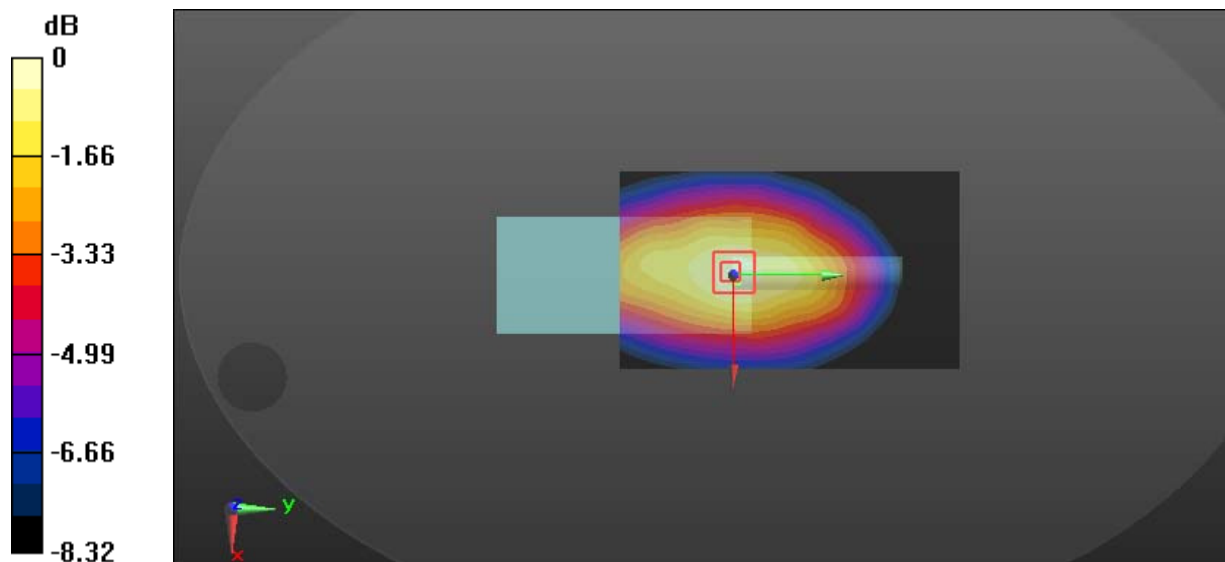
Communication System: 4FSK; Frequency: 375 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 375 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 58.057$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 4.44 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 66.49 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 5.13 W/kg **SAR(1 g) = 3.4 W/kg ; SAR(10 g) = 2.46 W/kg** Maximum value of SAR (measured) = 4.47 W/kg  $0 \text{ dB} = 4.47 \text{ W/kg} = 6.50 \text{ dBW/kg}$

Test Plot 15#: PTT_FM 12.5kHz_Face Up_435 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

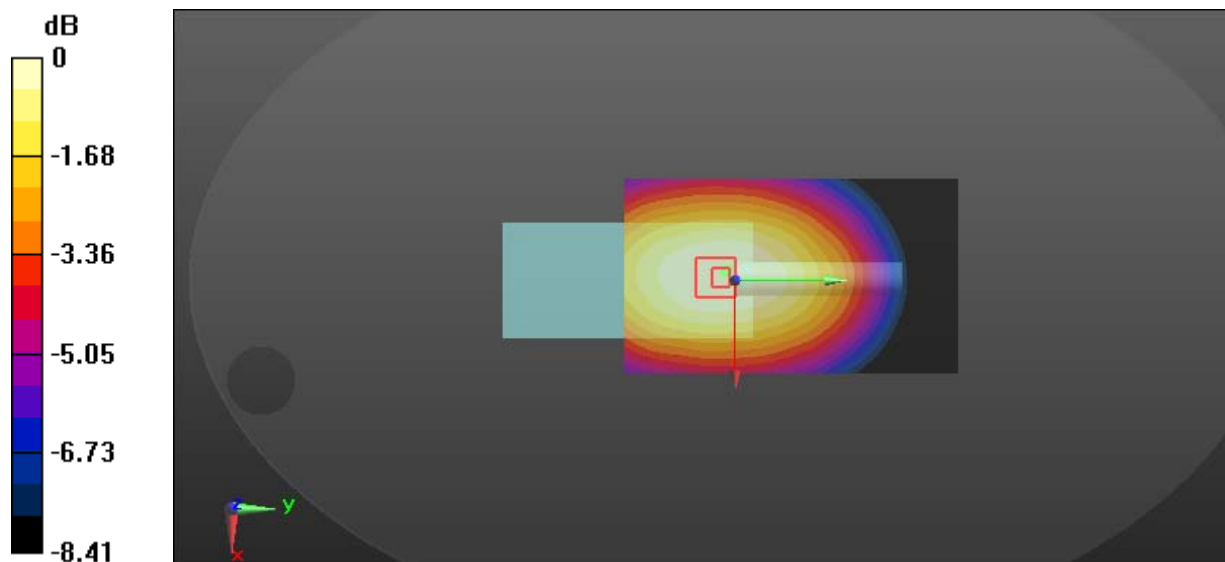
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 435 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 44.655$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.78 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 83.96 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 8.60 W/kg **SAR(1 g) = 5.78 W/kg ; SAR(10 g) = 4.27 W/kg** Maximum value of SAR (measured) = 7.40 W/kg  $0 \text{ dB} = 7.40 \text{ W/kg} = 8.69 \text{ dBW/kg}$

Test Plot 16#: PTT_FM 25kHz_Face Up_435 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

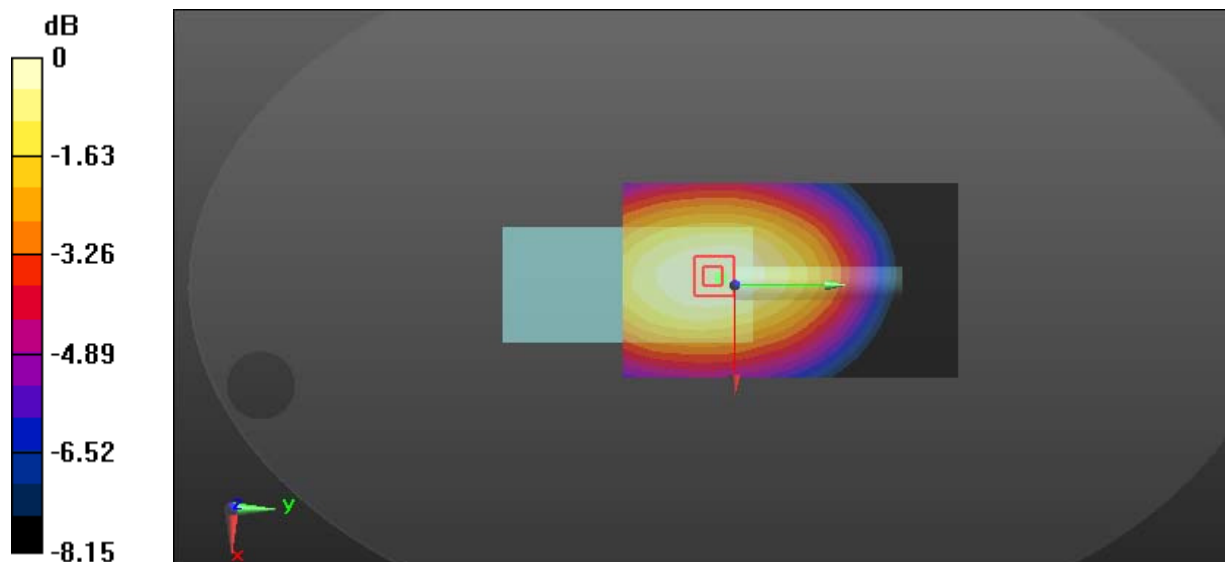
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 435 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 44.655$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.12 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 80.07 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 8.20 W/kg **SAR(1 g) = 5.49 W/kg ; SAR(10 g) = 4.05 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 17#: PTT_4FSK 12.5kHz_Face Up_435 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

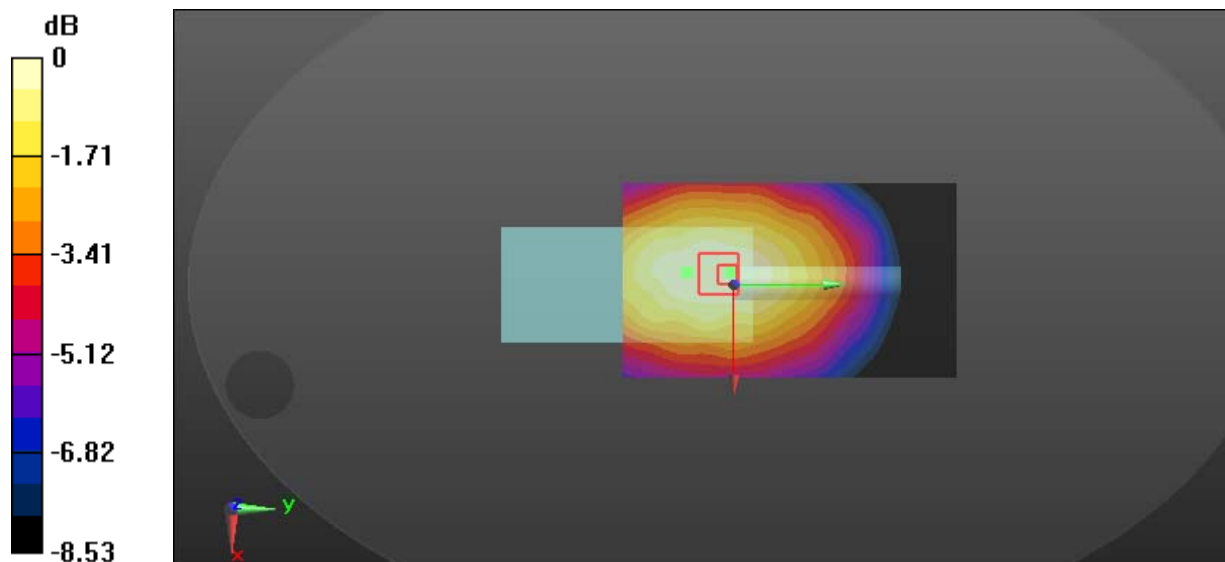
Communication System: 4FSK; Frequency: 435 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 435 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 44.655$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.49 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 57.09 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 4.11 W/kg **SAR(1 g) = 2.68 W/kg ; SAR(10 g) = 1.99 W/kg** Maximum value of SAR (measured) = 3.51 W/kg  $0 \text{ dB} = 3.51 \text{ W/kg} = 5.45 \text{ dBW/kg}$

Test Plot 18#: PTT_FM 12.5kHz_Body Back_400.0125 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 57.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

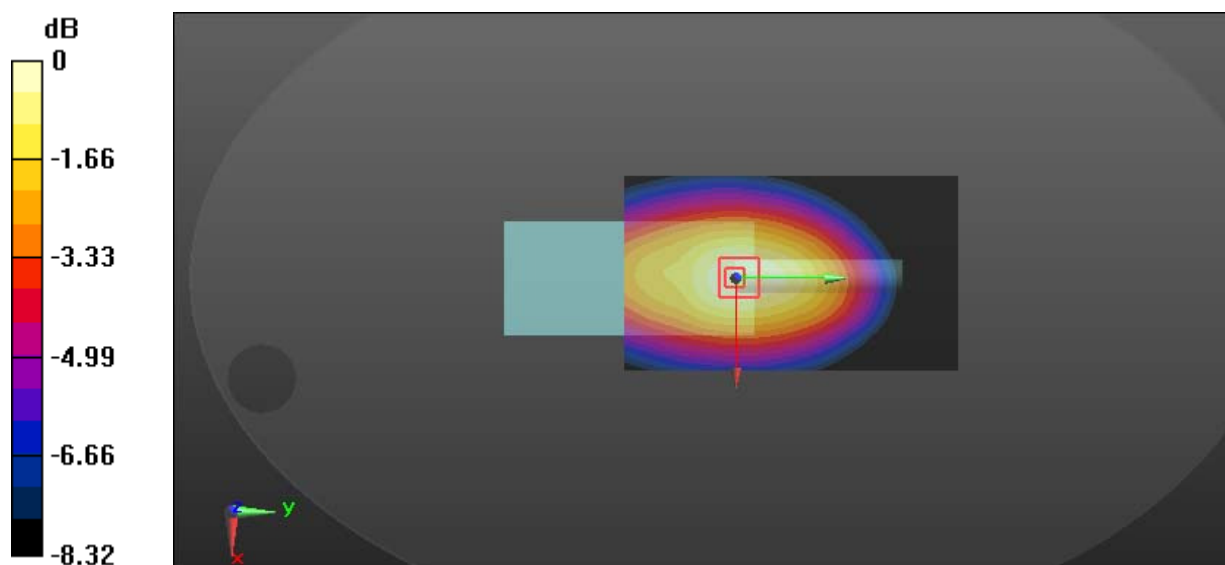
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.1 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 13.5 W/kg

SAR(1 g) = 9.29 W/kg; SAR(10 g) = 6.74 W/kg

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



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

Test Plot 19#: PTT_FM 12.5kHz_Body Back_417 MHz**DUT: Digital Poratable Radio; Type: PD682i Um; Serial: 17120701120**

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

Medium parameters used: $f = 417$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 57.393$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 10.4 W/kg

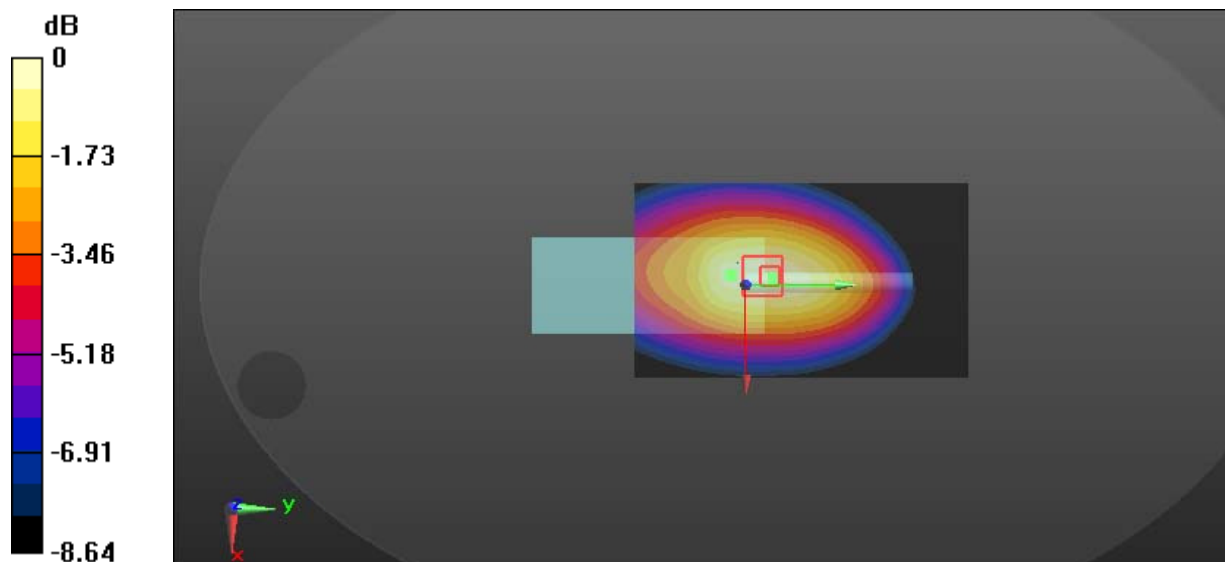
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 92.59 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 8.52 W/kg; SAR(10 g) = 6.26 W/kg

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



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

Test Plot 20#: PTT_FM 12.5kHz_Body Back_435 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

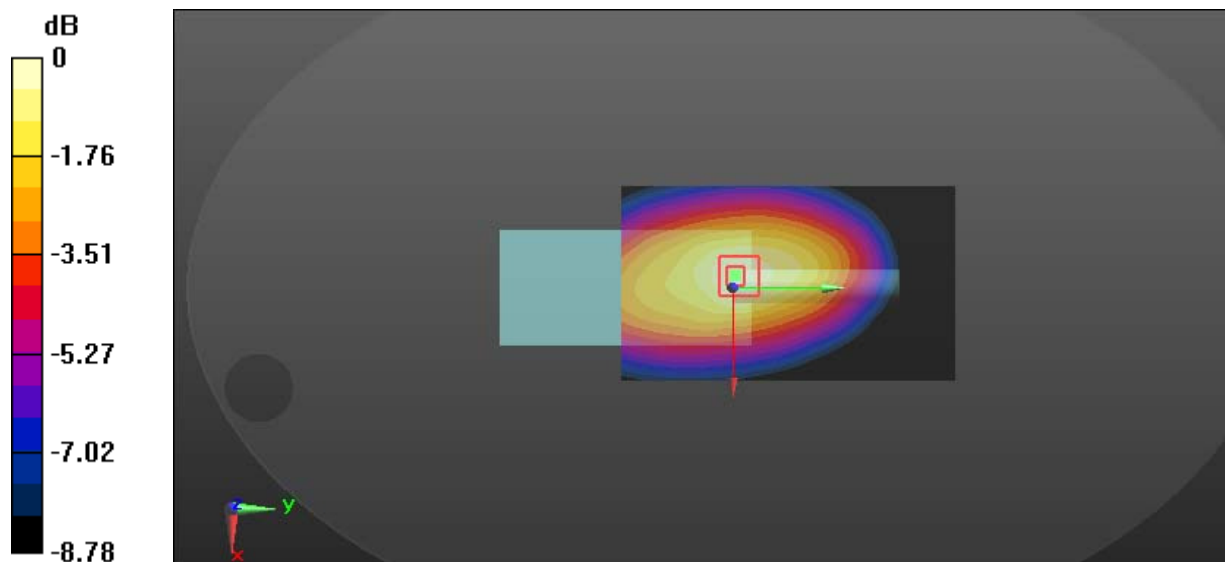
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 435 \text{ MHz}$; $\sigma = 0.942 \text{ S/m}$; $\epsilon_r = 57.146$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 12.4 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 101.4 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 14.3 W/kg **SAR(1 g) = 8.78 W/kg ; SAR(10 g) = 6.24 W/kg** Maximum value of SAR (measured) = 11.9 W/kg  $0 \text{ dB} = 11.9 \text{ W/kg} = 10.76 \text{ dBW/kg}$

Test Plot 21#: PTT_FM 12.5kHz_Body Back_452 MHz**DUT: Digital Poratable Radio; Type: PD682i Um; Serial: 17120701120**

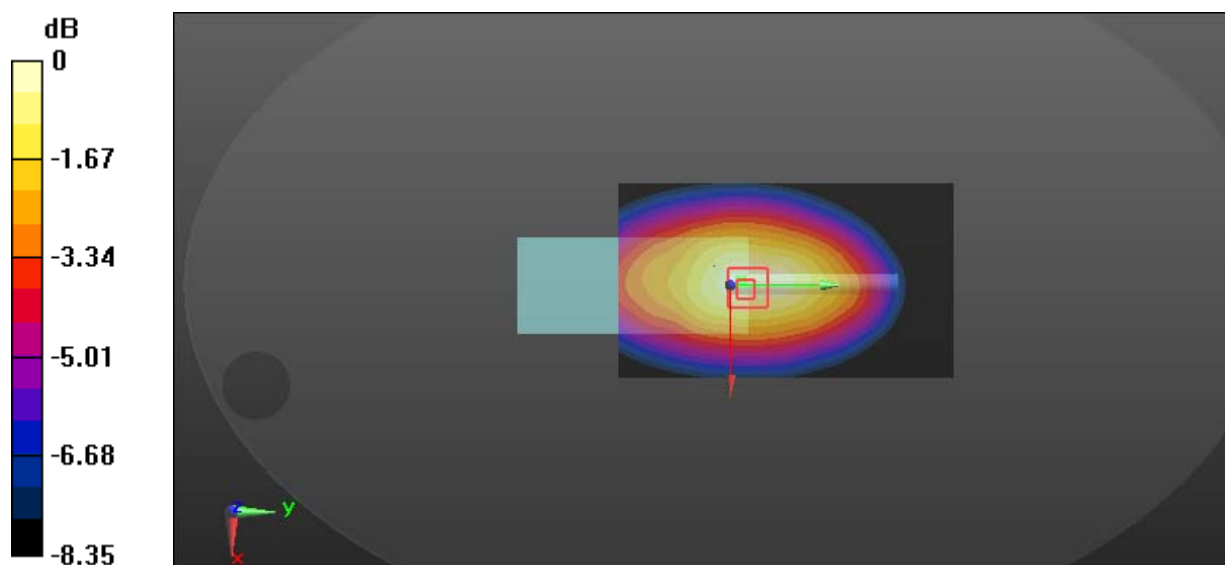
Communication System: FM; Frequency: 452 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 452 \text{ MHz}$; $\sigma = 0.949 \text{ S/m}$; $\epsilon_r = 55.884$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.04 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 84.78 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 11.1 W/kg **SAR(1 g) = 7.24 W/kg ; SAR(10 g) = 5.25 W/kg** Maximum value of SAR (measured) = 9.35 W/kg  $0 \text{ dB} = 9.35 \text{ W/kg} = 9.71 \text{ dBW/kg}$

Test Plot 22#: PTT_FM 12.5kHz_Body Back_469.9875 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.968$ S/m; $\epsilon_r = 55.288$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.06 W/kg

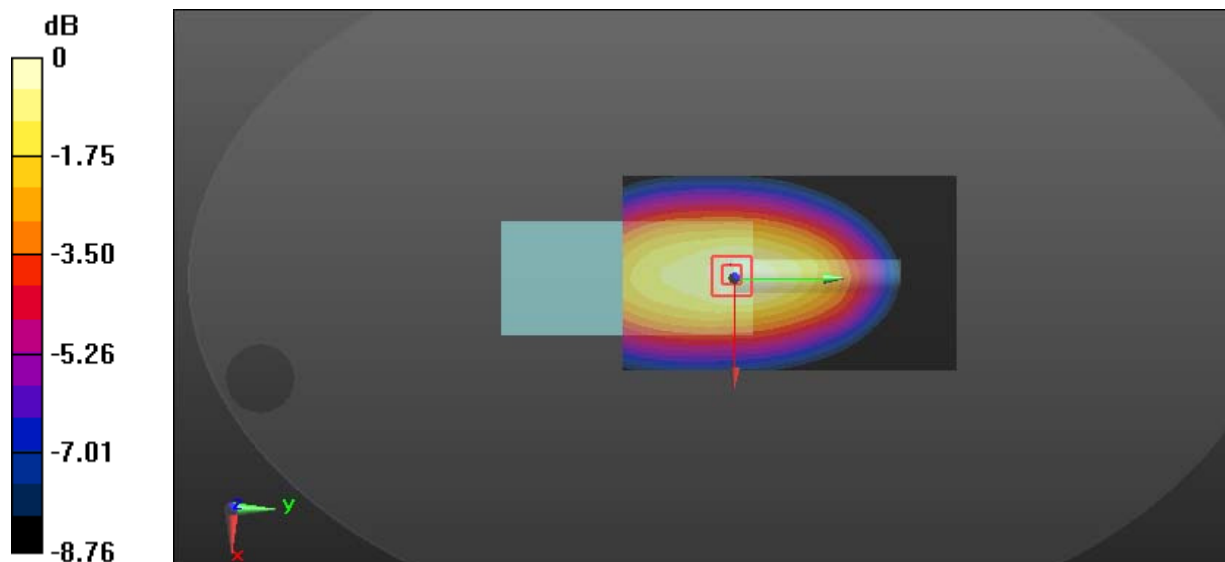
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.42 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 7.11 W/kg

SAR(1 g) = 4.46 W/kg; SAR(10 g) = 3.2 W/kg

Maximum value of SAR (measured) = 5.88 W/kg



0 dB = 5.88 W/kg = 7.69 dBW/kg

Test Plot 23#: PTT_FM 25kHz_Body Back_400.0125 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 57.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

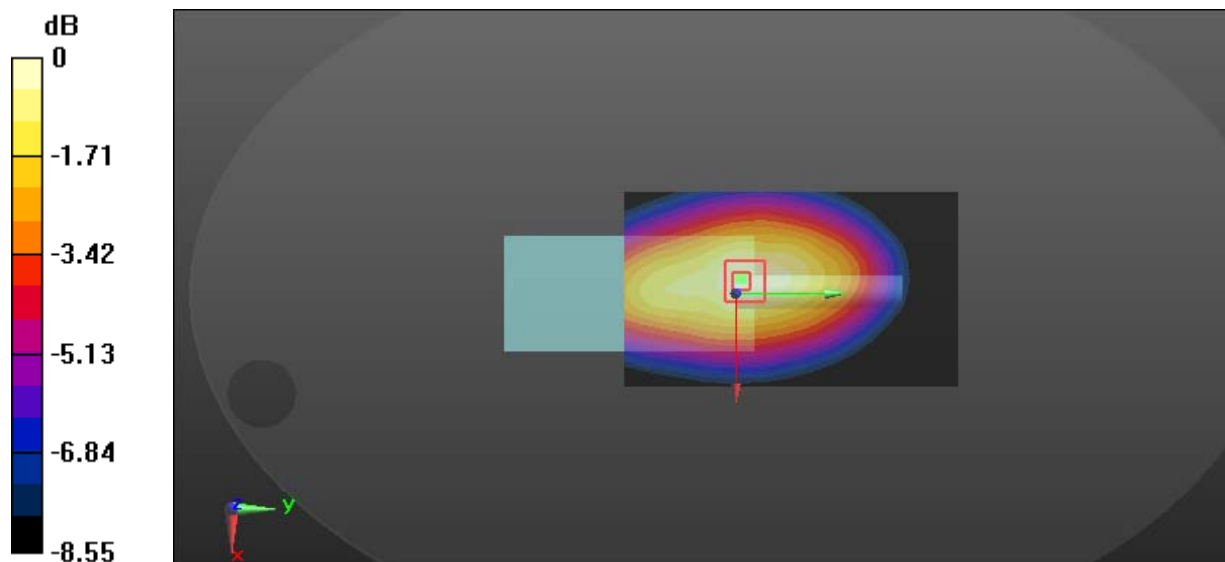
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.7 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 14.6 W/kg

SAR(1 g) = 9.41 W/kg; SAR(10 g) = 6.75 W/kg

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



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

Test Plot 24#: PTT_FM 25kHz_Body Back_417 MHz**DUT: Digital Poratable Radio; Type: PD682i Um; Serial: 17120701120**

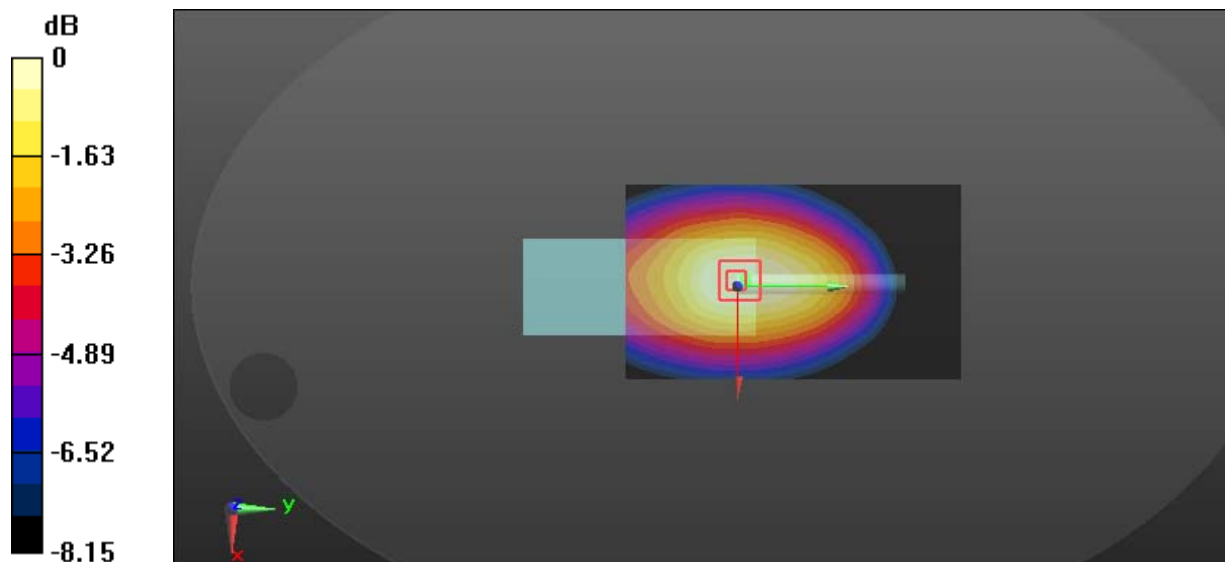
Communication System: FM; Frequency: 417 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 417 \text{ MHz}$; $\sigma = 0.933 \text{ S/m}$; $\epsilon_r = 57.393$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 11.3 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 100.1 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 12.7 W/kg **SAR(1 g) = 8.82 W/kg ; SAR(10 g) = 6.54 W/kg** Maximum value of SAR (measured) = 11.2 W/kg  $0 \text{ dB} = 11.2 \text{ W/kg} = 10.49 \text{ dBW/kg}$

Test Plot 25#: PTT_FM 25kHz_Body Back_435 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

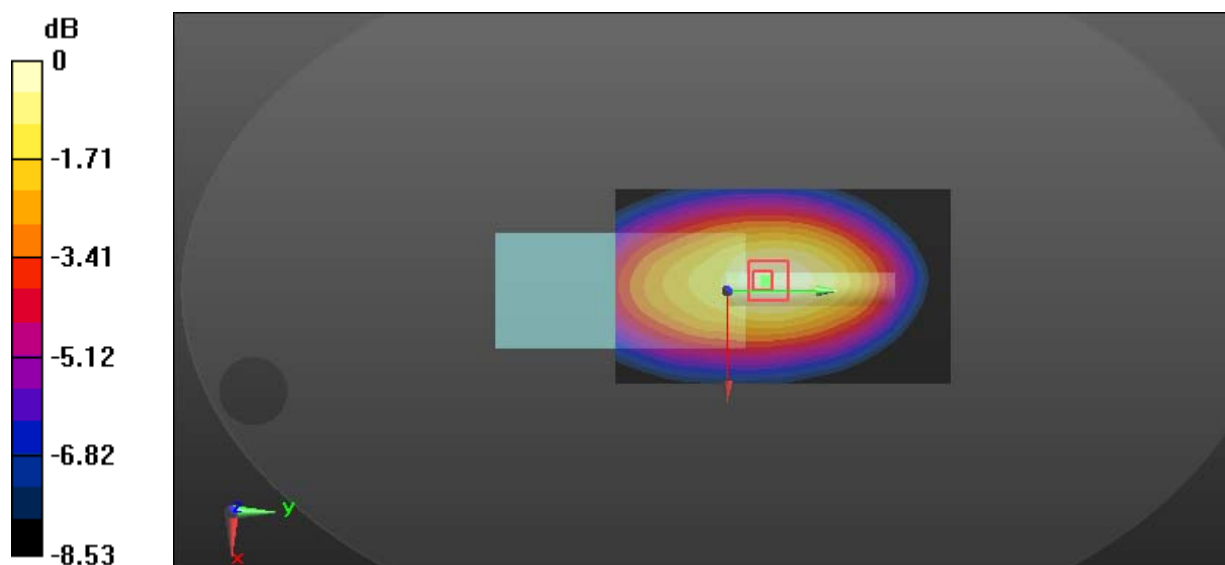
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 435 \text{ MHz}$; $\sigma = 0.942 \text{ S/m}$; $\epsilon_r = 57.146$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 10.9 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 88.93 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 12.4 W/kg **SAR(1 g) = 8.13 W/kg ; SAR(10 g) = 5.87 W/kg** Maximum value of SAR (measured) = 10.6 W/kg  $0 \text{ dB} = 10.6 \text{ W/kg} = 10.25 \text{ dBW/kg}$

Test Plot 26#: PTT_FM 25kHz_Body Back_452 MHz**DUT: Digital Poratable Radio; Type: PD682i Um; Serial: 17120701120**

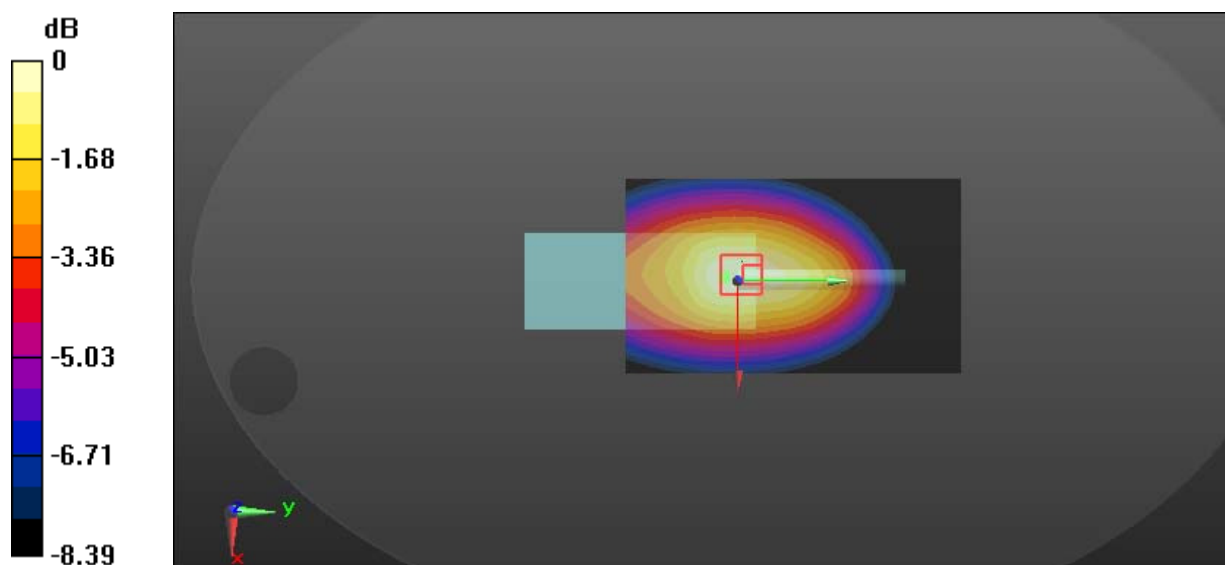
Communication System: FM; Frequency: 452 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 452 \text{ MHz}$; $\sigma = 0.949 \text{ S/m}$; $\epsilon_r = 55.884$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.67 W/kg **Zoom Scan (5x7x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 86.29 V/m ; Power Drift = 0.10 dB Peak SAR (extrapolated) = 10.3 W/kg **SAR(1 g) = 7.18 W/kg ; SAR(10 g) = 5.28 W/kg** Maximum value of SAR (measured) = 9.15 W/kg  $0 \text{ dB} = 9.15 \text{ W/kg} = 9.61 \text{ dBW/kg}$

Test Plot 27#: PTT_FM 25kHz_Body Back_469.9875 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

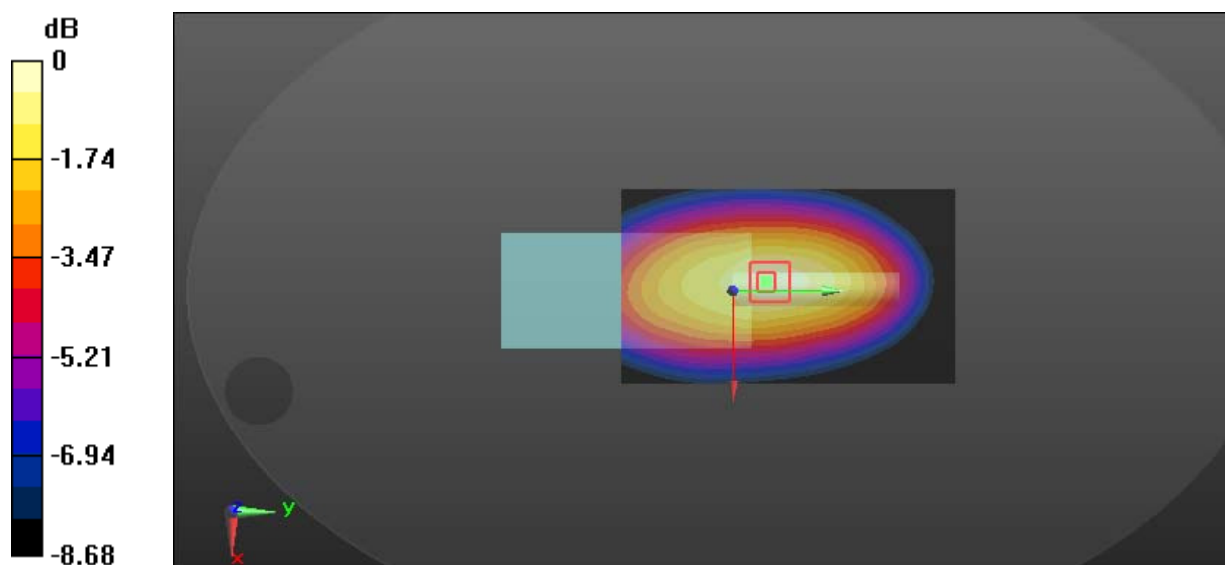
Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988 \text{ MHz}$; $\sigma = 0.968 \text{ S/m}$; $\epsilon_r = 55.288$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.69 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 64.87 V/m ; Power Drift = 0.00 dB Peak SAR (extrapolated) = 6.84 W/kg **SAR(1 g) = 4.34 W/kg ; SAR(10 g) = 3.1 W/kg** Maximum value of SAR (measured) = 5.84 W/kg  $0 \text{ dB} = 5.84 \text{ W/kg} = 7.66 \text{ dBW/kg}$

Test Plot 28#: PTT_4FSK 12.5kHz_Body Back_400.0125 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 57.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.45 W/kg

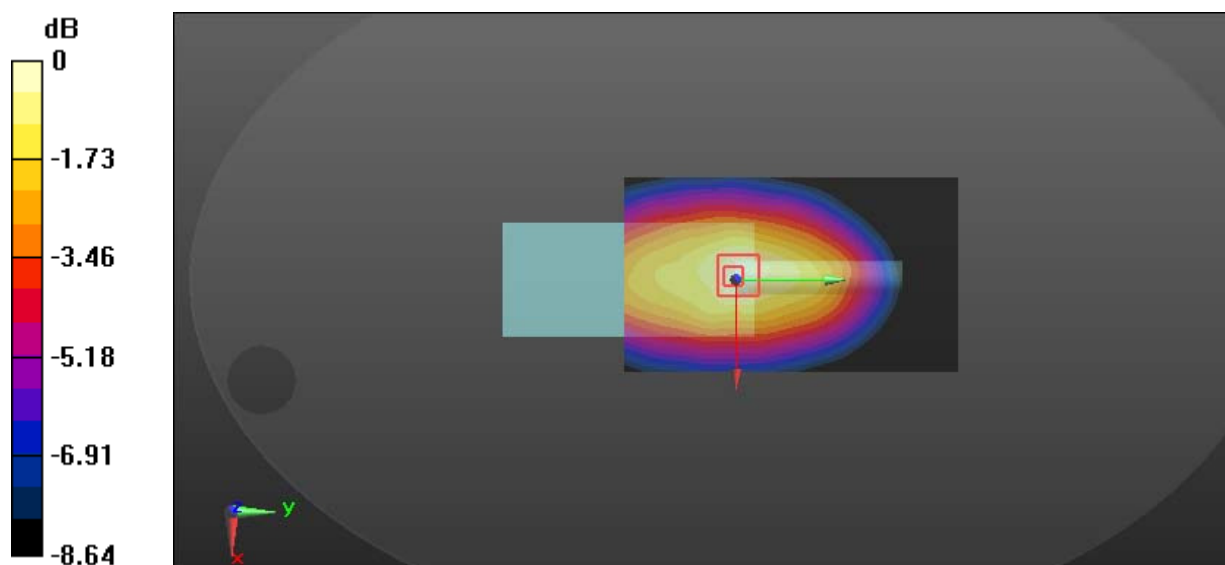
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 70.36 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 6.47 W/kg

SAR(1 g) = 4.11 W/kg; SAR(10 g) = 2.96 W/kg

Maximum value of SAR (measured) = 5.48 W/kg



0 dB = 5.48 W/kg = 7.39 dBW/kg

Test Plot 29#: PTT_FM 12.5kHz_Face Up_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.855$ S/m; $\epsilon_r = 44.535$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 7.37 W/kg

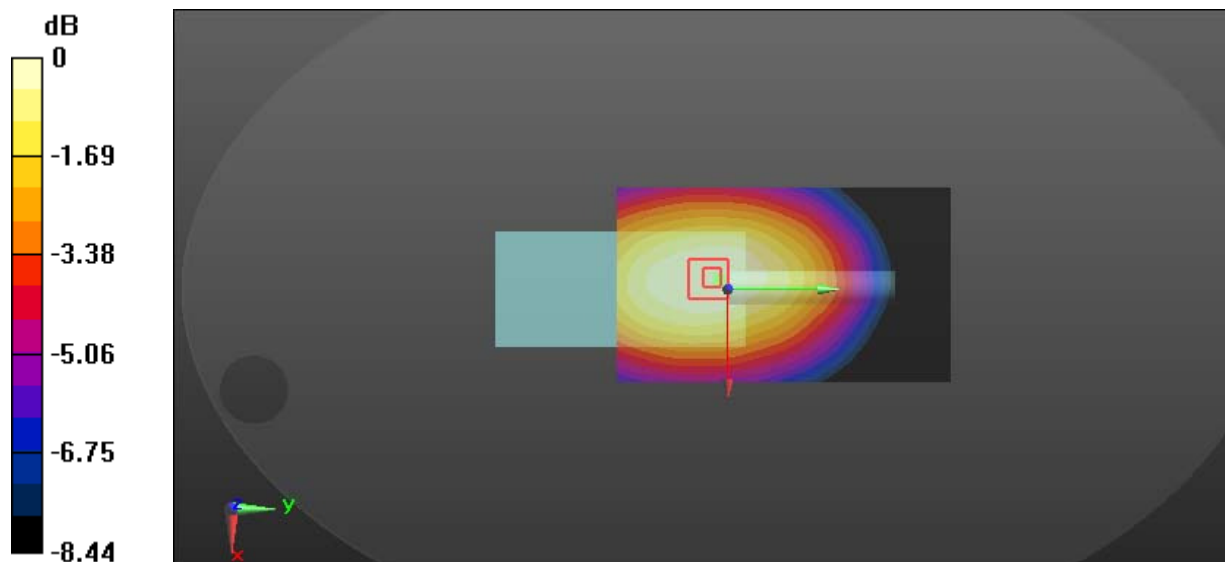
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 81.90 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 8.30 W/kg

SAR(1 g) = 5.51 W/kg; SAR(10 g) = 4.05 W/kg

Maximum value of SAR (measured) = 7.13 W/kg



0 dB = 7.13 W/kg = 8.53 dBW/kg

Test Plot 30#: PTT_FM 25kHz_Face Up_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.855$ S/m; $\epsilon_r = 44.535$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

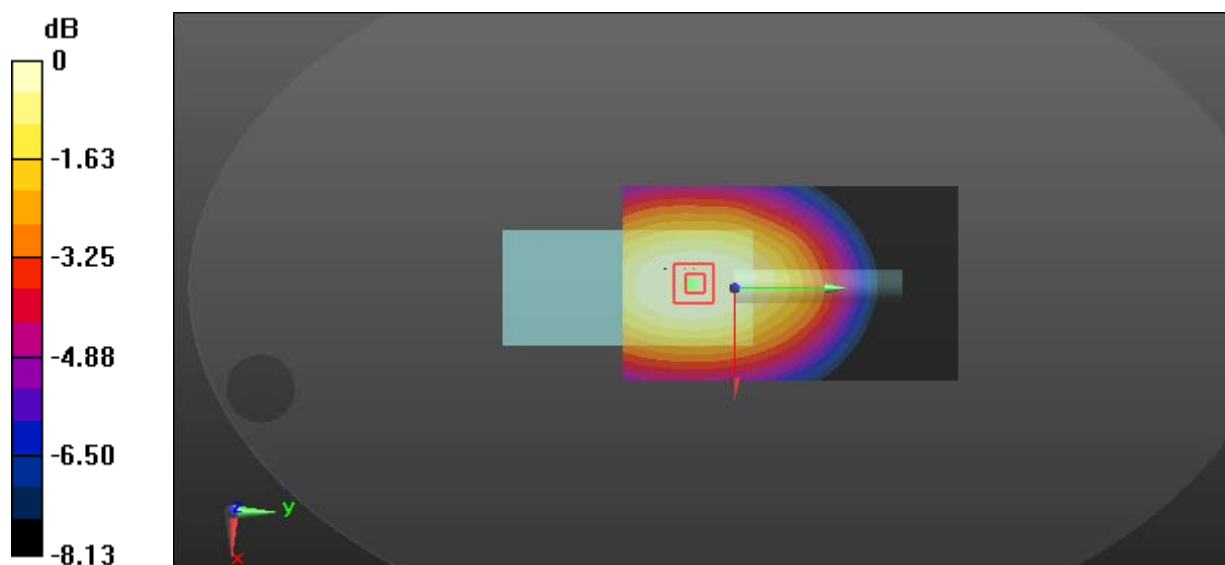
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.80 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 8.47 W/kg

SAR(1 g) = 5.75 W/kg; SAR(10 g) = 4.25 W/kg

Maximum value of SAR (measured) = 7.37 W/kg



0 dB = 7.37 W/kg = 8.67 dBW/kg

Test Plot 31#: PTT_4FSK 12.5kHz_Face Up_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

Communication System: 4FSK; Frequency: 450.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.855$ S/m; $\epsilon_r = 44.535$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.11 W/kg

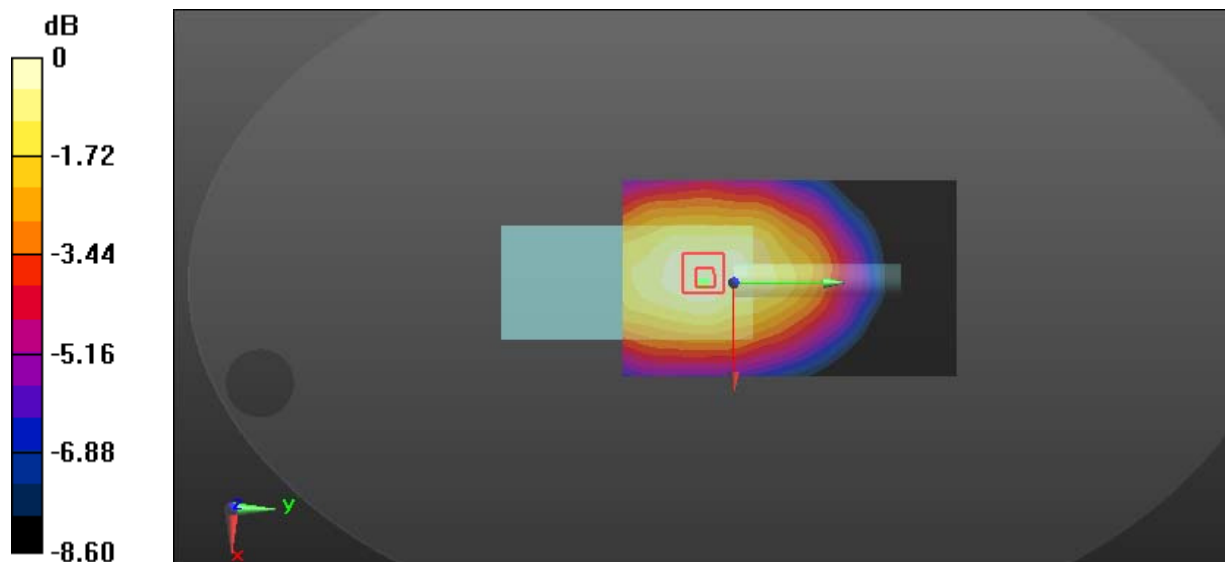
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.94 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 5.02 W/kg

SAR(1 g) = 3.23 W/kg; SAR(10 g) = 2.38 W/kg

Maximum value of SAR (measured) = 4.27 W/kg



0 dB = 4.27 W/kg = 6.30 dBW/kg

Test Plot 32#: PTT_FM 12.5kHz_Body Back_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 56.406$; $\rho = 1000$ 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

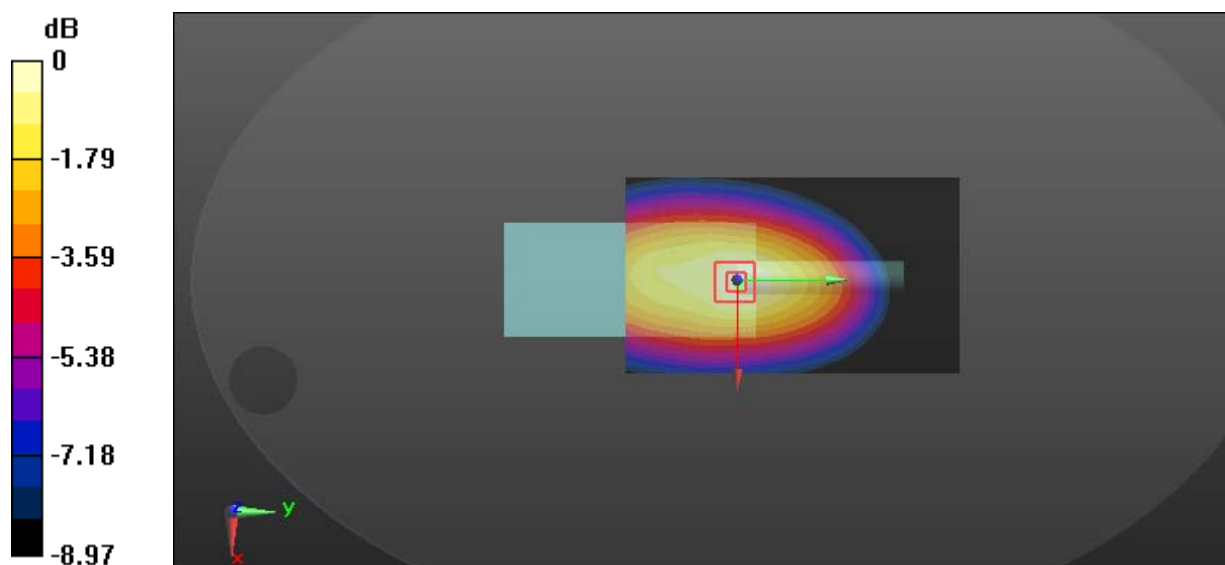
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 109.0 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 15.2 W/kg

SAR(1 g) = 9.52 W/kg; SAR(10 g) = 6.78 W/kg

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



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

Test Plot 33#: PTT_FM 12.5kHz_Body Back_469 MHz**DUT: Digital Poratable Radio; Type: PD682i Um; Serial: 17120701120**

Communication System: FM; Frequency: 469 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 55.884$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

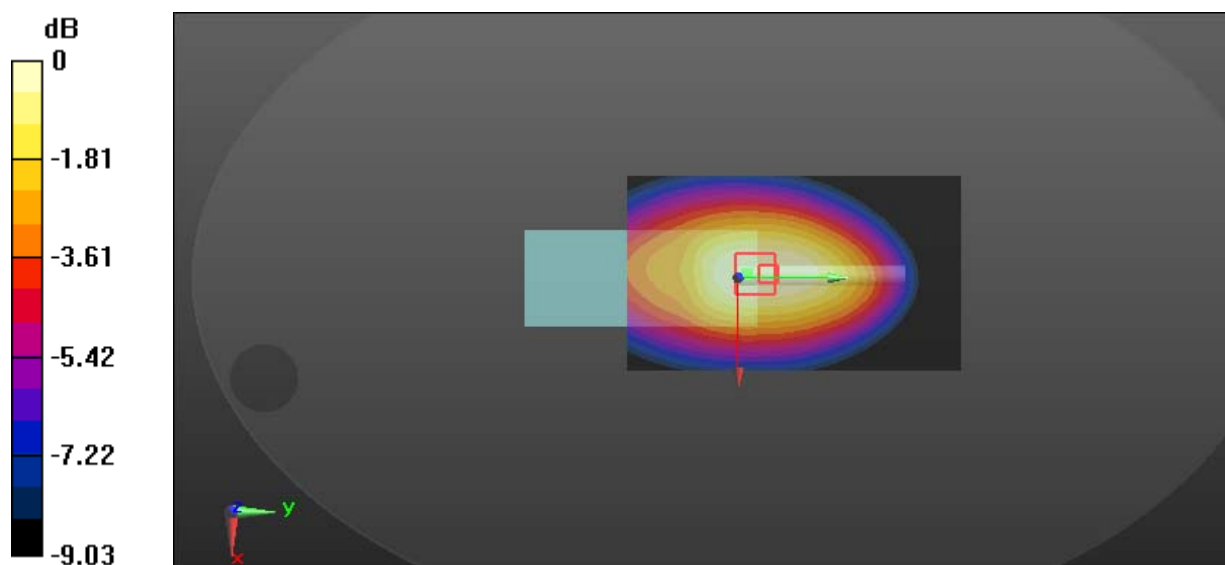
Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 97.25 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 11.9 W/kg

SAR(1 g) = 8.1 W/kg; SAR(10 g) = 5.98 W/kg

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



0 dB = 10.5 W/kg = 10.21 dBW/kg

Test Plot 34#: PTT_FM 12.5kHz_Body Back_488.5 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

Communication System: FM; Frequency: 488.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 488.5$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 55.301$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 8.58 W/kg

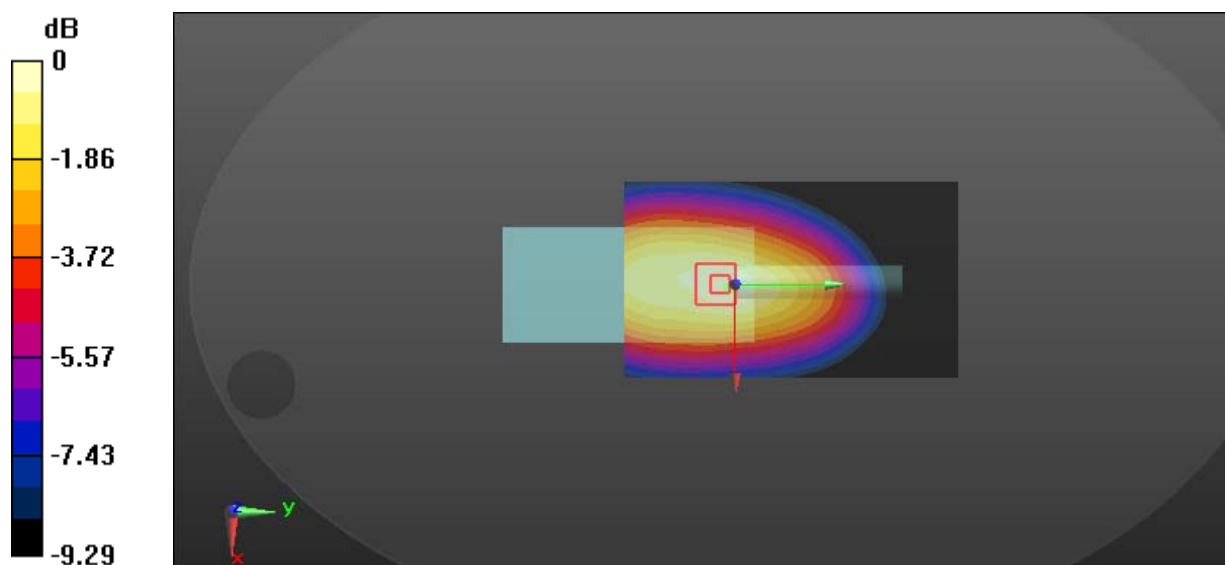
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 88.41 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 6.76 W/kg; SAR(10 g) = 4.87 W/kg

Maximum value of SAR (measured) = 8.77 W/kg



0 dB = 8.77 W/kg = 9.43 dBW/kg

Test Plot 35#: PTT_FM 12.5kHz_Body Back_507 MHz**DUT: Digital Poratable Radio; Type: PD682i Um; Serial: 17120701120**

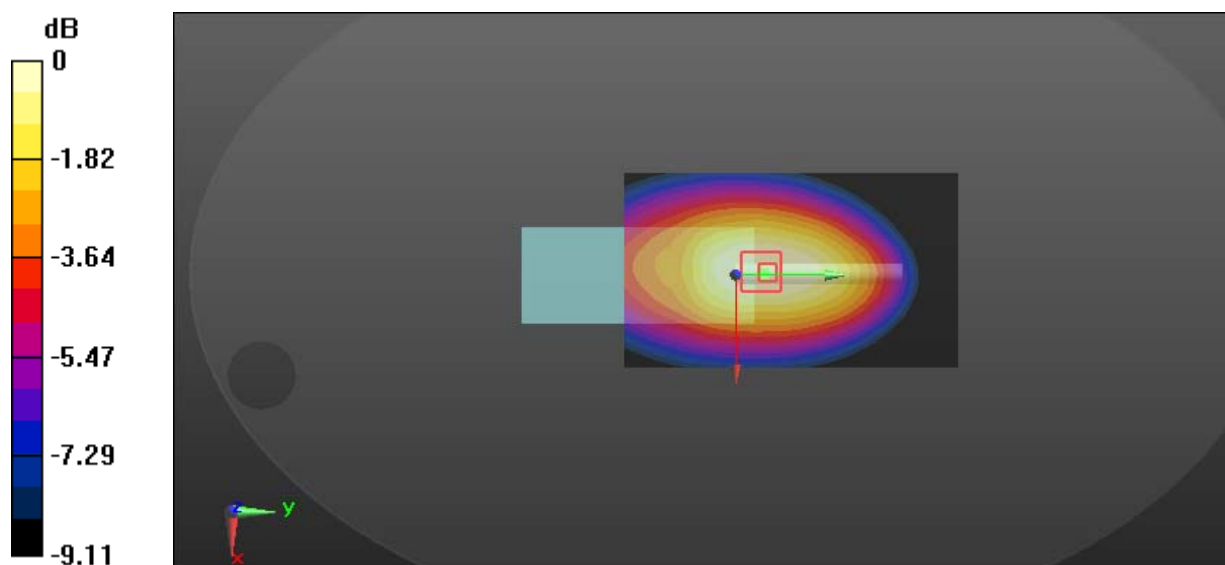
Communication System: FM; Frequency: 507 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 507 \text{ MHz}$; $\sigma = 0.961 \text{ S/m}$; $\epsilon_r = 55.194$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.37 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 84.48 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 9.16 W/kg **SAR(1 g) = 6.37 W/kg ; SAR(10 g) = 4.7 W/kg** Maximum value of SAR (measured) = 8.07 W/kg  $0 \text{ dB} = 8.07 \text{ W/kg} = 9.07 \text{ dBW/kg}$

Test Plot 36#: PTT_FM 12.5kHz_Body Back_511.9875 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

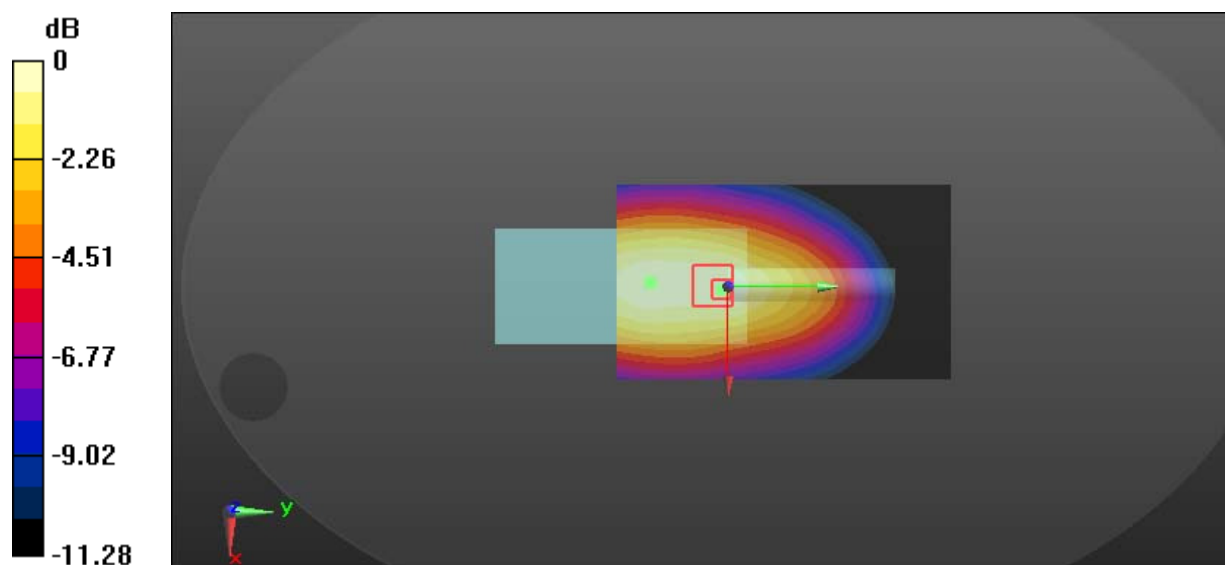
Communication System: FM; Frequency: 511.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 511.988 \text{ MHz}$; $\sigma = 0.971 \text{ S/m}$; $\epsilon_r = 54.668$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.81 W/kg **Zoom Scan (6x7x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 70.11 V/m ; Power Drift = -0.19 dB Peak SAR (extrapolated) = 7.11 W/kg **SAR(1 g) = 4.21 W/kg ; SAR(10 g) = 3.01 W/kg** Maximum value of SAR (measured) = 5.89 W/kg  $0 \text{ dB} = 5.89 \text{ W/kg} = 7.70 \text{ dBW/kg}$

Test Plot 37#: PTT_FM 25kHz_Body Back_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 56.406$; $\rho = 1000$ 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

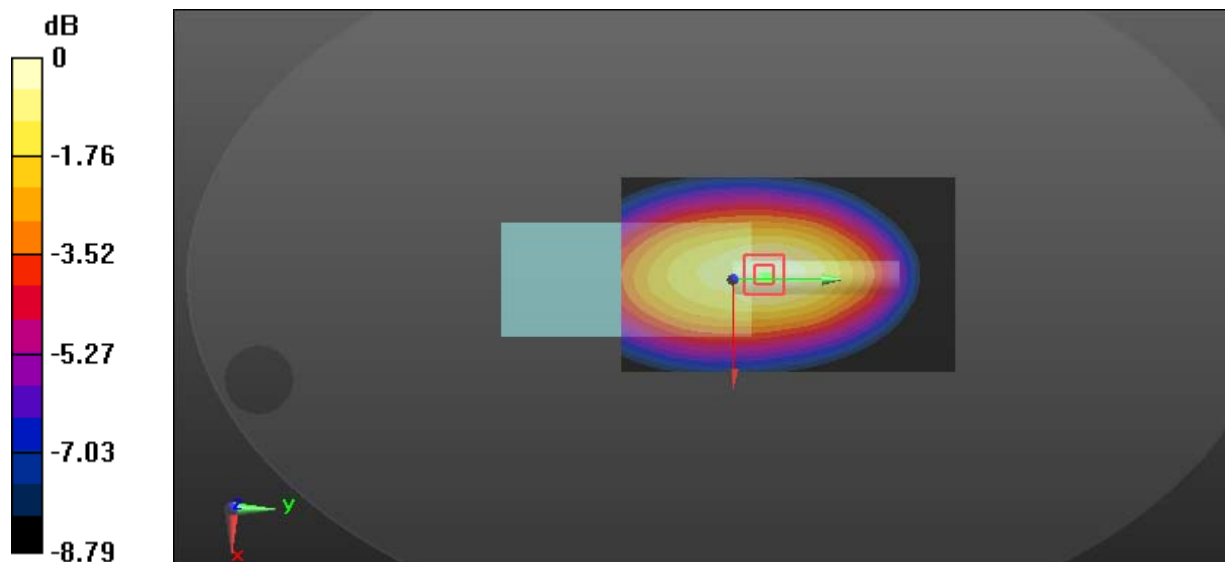
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 99.64 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 14.6 W/kg

SAR(1 g) = 9.4 W/kg; SAR(10 g) = 6.75 W/kg

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



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

Test Plot 38#: PTT_FM 25kHz_Body Back_469 MHz**DUT: Digital Poratable Radio; Type: PD682i Um; Serial: 17120701120**

Communication System: FM; Frequency: 469 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 55.884$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 10.3 W/kg

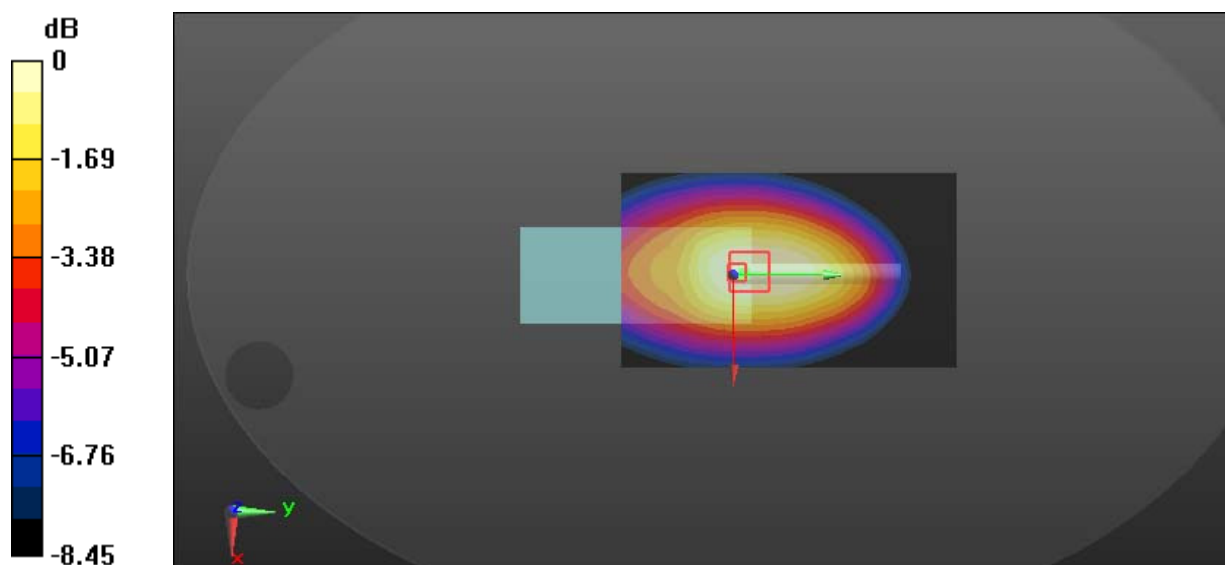
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 95.63 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 7.78 W/kg; SAR(10 g) = 5.72 W/kg

Maximum value of SAR (measured) = 9.92 W/kg



0 dB = 9.92 W/kg = 9.97 dBW/kg

Test Plot 39#: PTT_FM 25kHz_Body Back_488.5 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

Communication System: FM; Frequency: 488.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 488.5$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 55.301$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 7.39 W/kg

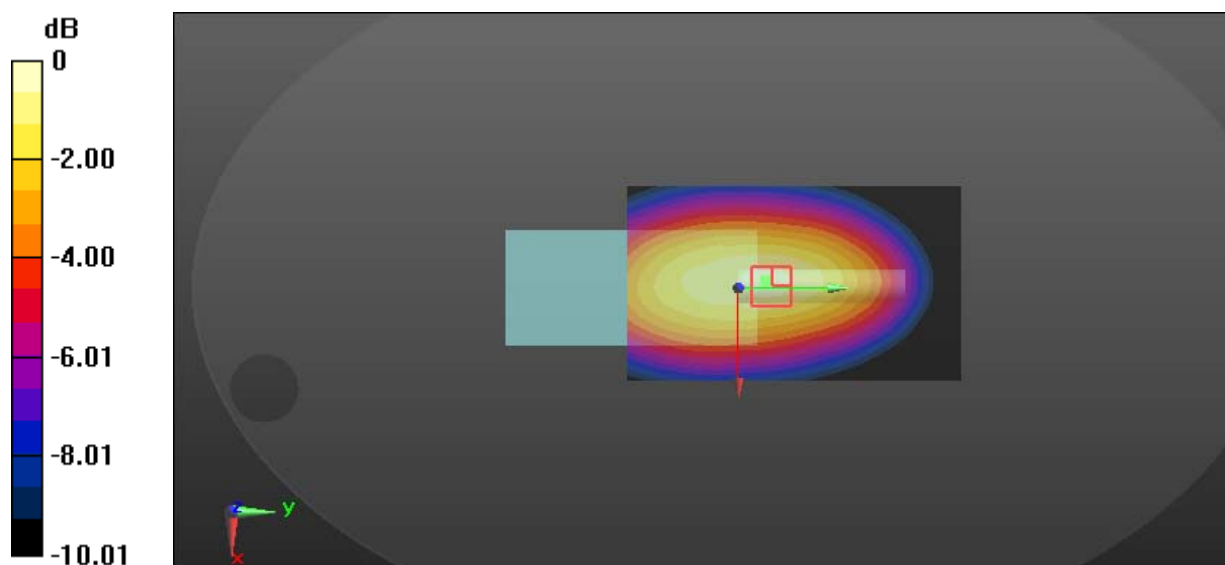
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 77.22 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 6.99 W/kg; SAR(10 g) = 4.43 W/kg

Maximum value of SAR (measured) = 7.98 W/kg



0 dB = 7.98 W/kg = 9.02 dBW/kg

Test Plot 40#: PTT_FM 25kHz_Body Back_507 MHz**DUT: Digital Poratable Radio; Type: PD682i Um; Serial: 17120701120**

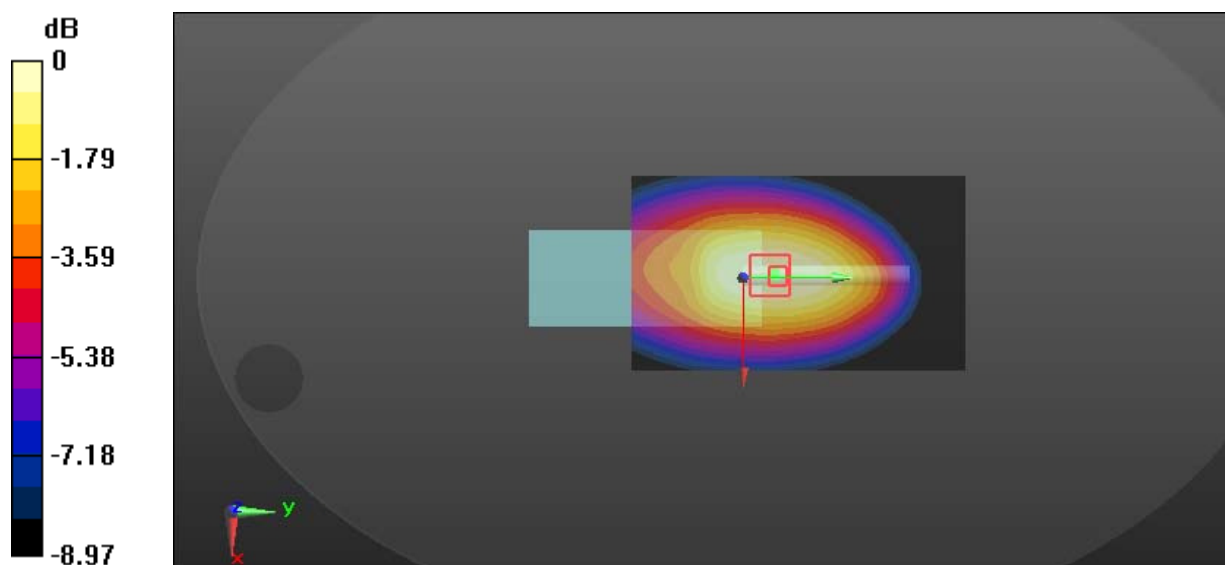
Communication System: FM; Frequency: 507 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 507 \text{ MHz}$; $\sigma = 0.961 \text{ S/m}$; $\epsilon_r = 55.194$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.34 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 84.78 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 9.13 W/kg **SAR(1 g) = 6.32 W/kg ; SAR(10 g) = 4.63 W/kg** Maximum value of SAR (measured) = 8.01 W/kg  $0 \text{ dB} = 8.01 \text{ W/kg} = 9.04 \text{ dBW/kg}$

Test Plot 41#: PTT_FM 25kHz_Body Back_511.9875 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

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

Medium parameters used: $f = 511.988$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 54.668$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.73 W/kg

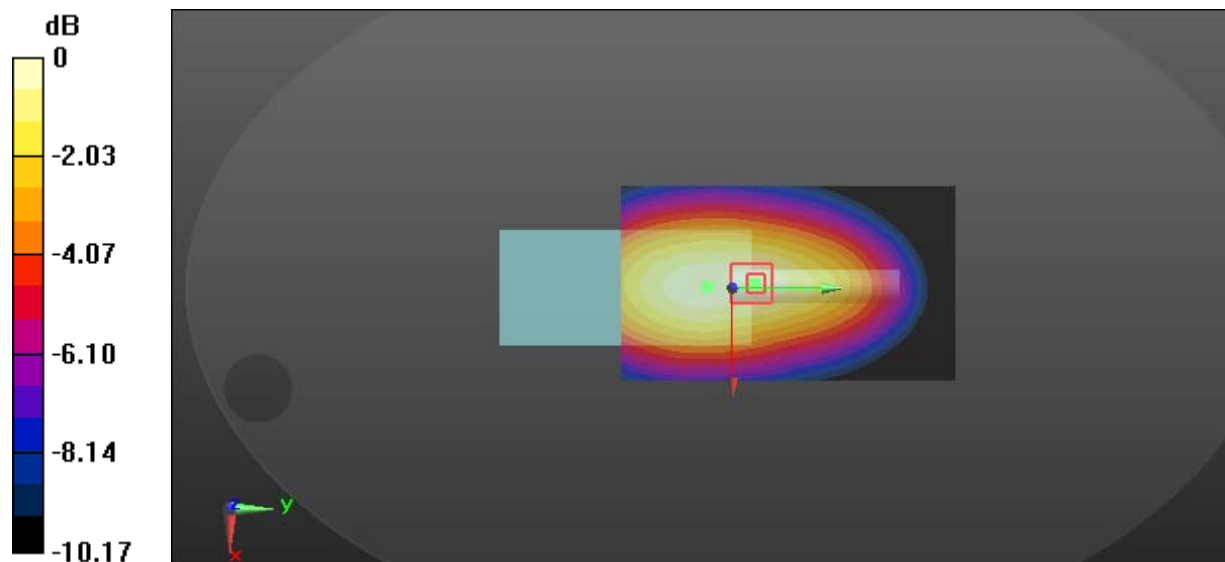
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 70.75 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 6.77 W/kg

SAR(1 g) = 4.16 W/kg; SAR(10 g) = 3.01 W/kg

Maximum value of SAR (measured) = 5.67 W/kg



0 dB = 5.67 W/kg = 7.54 dBW/kg

Test Plot 42#: PTT_4FSK 12.5kHz_Body Back_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD982i Ux; Serial: 17120701520**

Communication System: 4FSK; Frequency: 450.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 56.406$; $\rho = 1000$ 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 5.91 W/kg

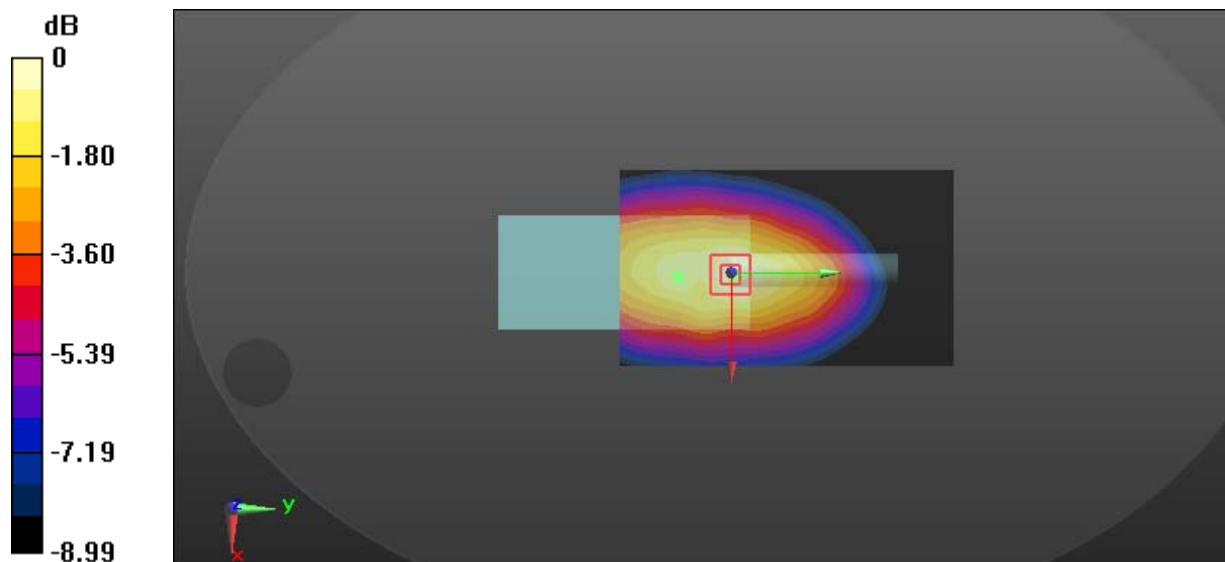
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 74.49 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.92 W/kg

SAR(1 g) = 4.48 W/kg; SAR(10 g) = 3.18 W/kg

Maximum value of SAR (measured) = 6.00 W/kg



0 dB = 6.00 W/kg = 7.78 dBW/kg