

Test Plot 1#: PTT_FM 12.5kHz_Face Up_417 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 417$ MHz; $\sigma = 0.851$ S/m; $\epsilon_r = 44.702$; $\rho = 1000$ 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

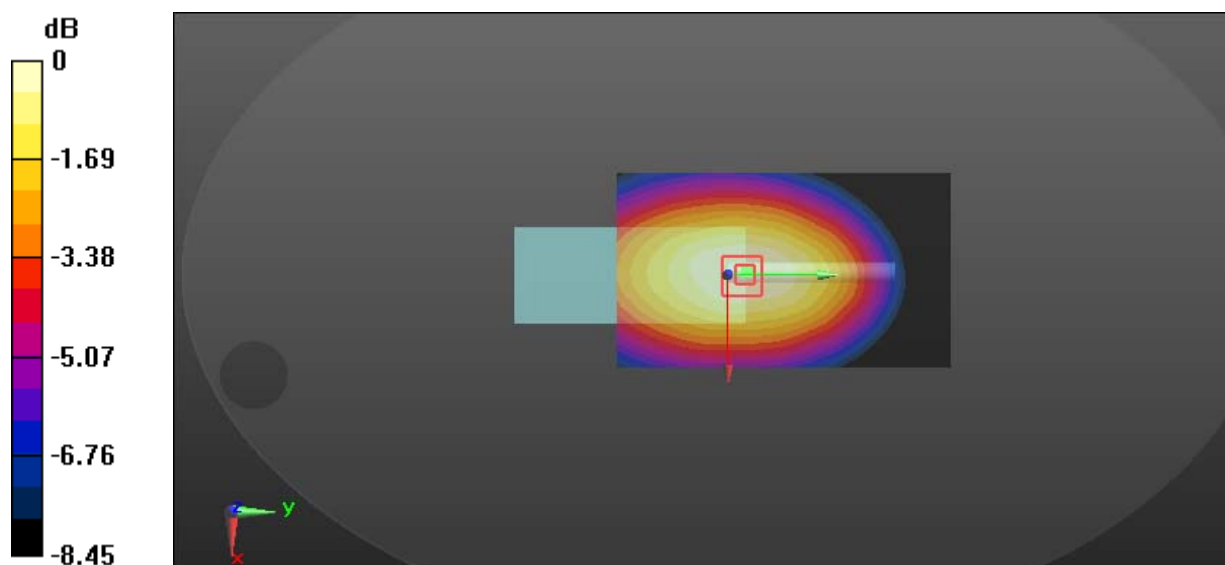
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.77 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 8.37 W/kg

SAR(1 g) = 5.67 W/kg; SAR(10 g) = 4.27 W/kg

Maximum value of SAR (measured) = 7.24 W/kg



0 dB = 7.24 W/kg = 8.60 dBW/kg

Test Plot 2#: PTT_FM 25kHz_Face Up_417 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 417$ MHz; $\sigma = 0.851$ S/m; $\epsilon_r = 44.702$; $\rho = 1000$ 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) = 7.36 W/kg

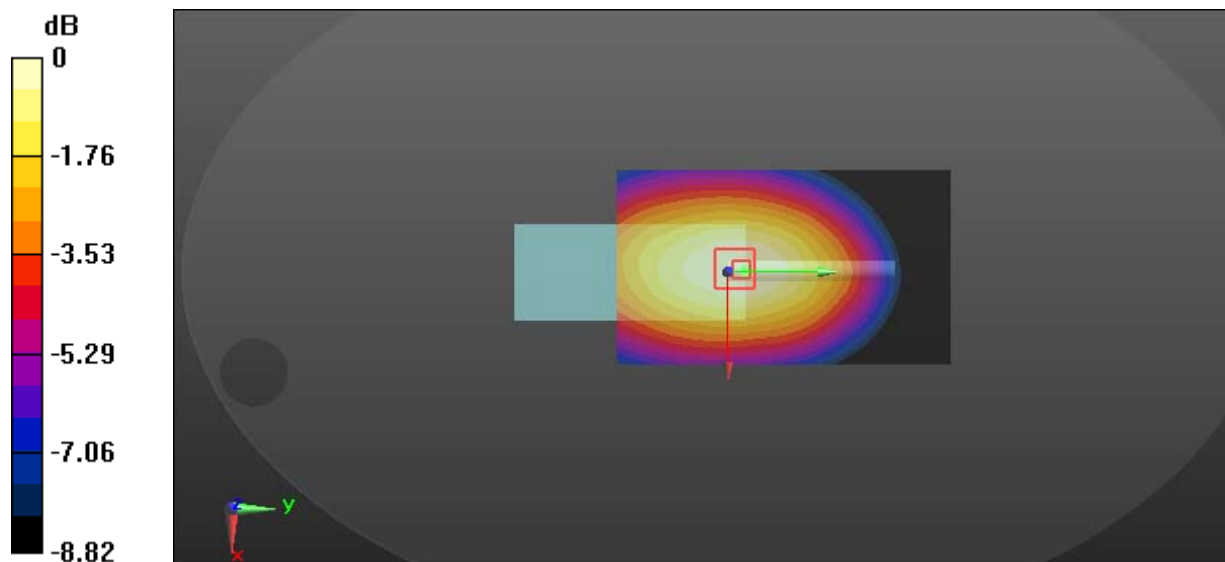
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 81.91 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 8.33 W/kg

SAR(1 g) = 5.53 W/kg; SAR(10 g) = 4.14 W/kg

Maximum value of SAR (measured) = 7.19 W/kg



0 dB = 7.19 W/kg = 8.57 dBW/kg

Test Plot 3#: PTT_4FSK 12.5kHz_Face Up_417 MHz**DUT: Digital Poratable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used: $f = 417$ MHz; $\sigma = 0.851$ S/m; $\epsilon_r = 44.702$; $\rho = 1000$ 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) = 4.71 W/kg

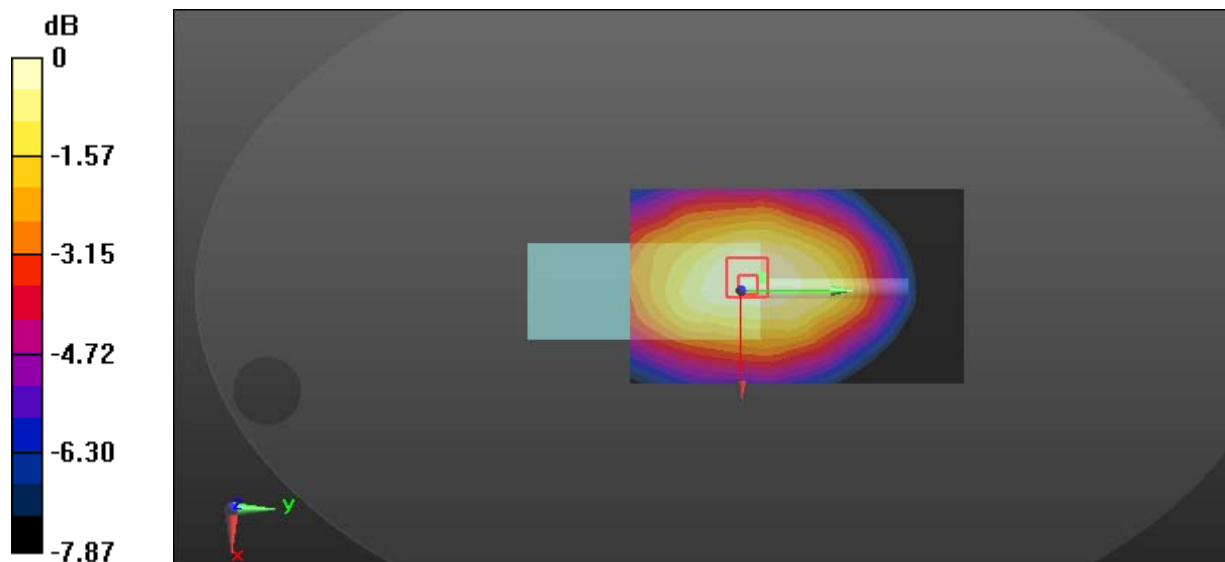
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 63.72 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 5.22 W/kg

SAR(1 g) = 3.54 W/kg; SAR(10 g) = 2.68 W/kg

Maximum value of SAR (measured) = 4.49 W/kg



0 dB = 4.49 W/kg = 6.52 dBW/kg

Test Plot 4#: PTT_FM 12.5kHz_Body Back_400.0125 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 57.741$; $\rho = 1000$ 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) = 7.52 W/kg

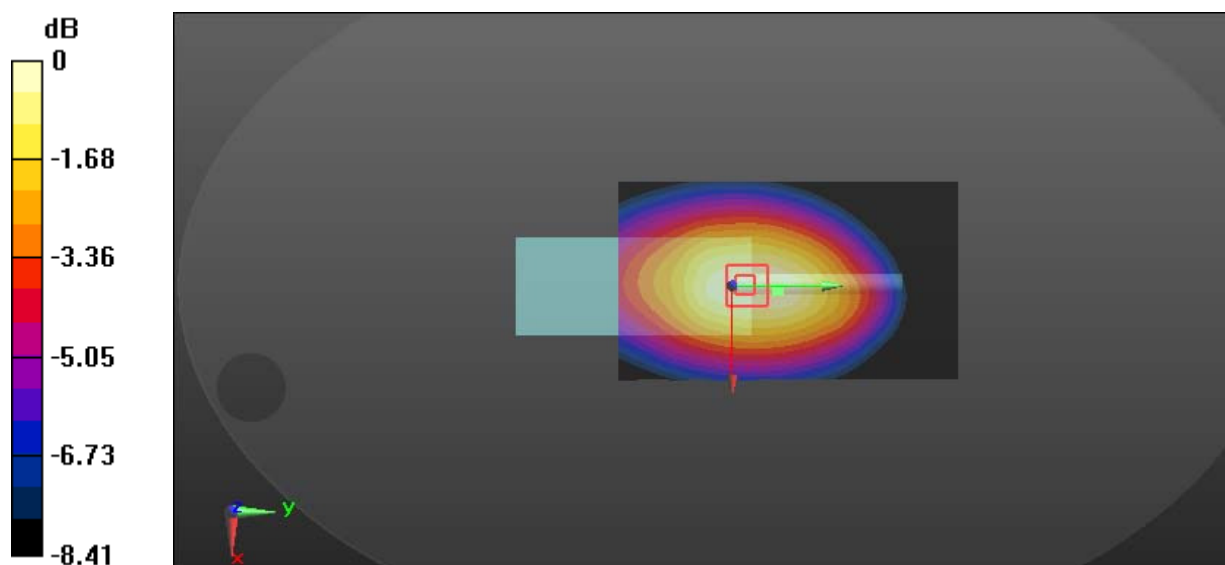
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 79.53 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 8.63 W/kg

SAR(1 g) = 5.94 W/kg; SAR(10 g) = 4.39 W/kg

Maximum value of SAR (measured) = 7.56 W/kg



0 dB = 7.56 W/kg = 8.79 dBW/kg

Test Plot 5#: PTT_FM 12.5kHz_Body Back_417 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 417$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 57.639$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 14.5 W/kg

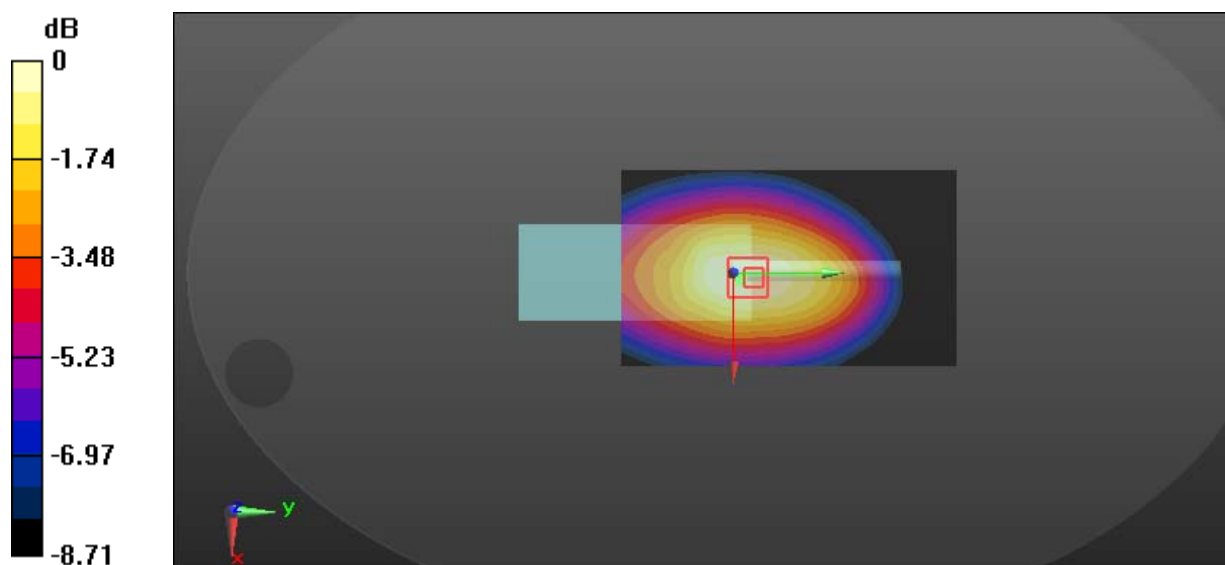
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 107.9 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 10.7 W/kg; SAR(10 g) = 7.79 W/kg

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



0 dB = 14.1 W/kg = 11.49 dBW/kg

Test Plot 6#: PTT_FM 12.5kHz_Body Back_435 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

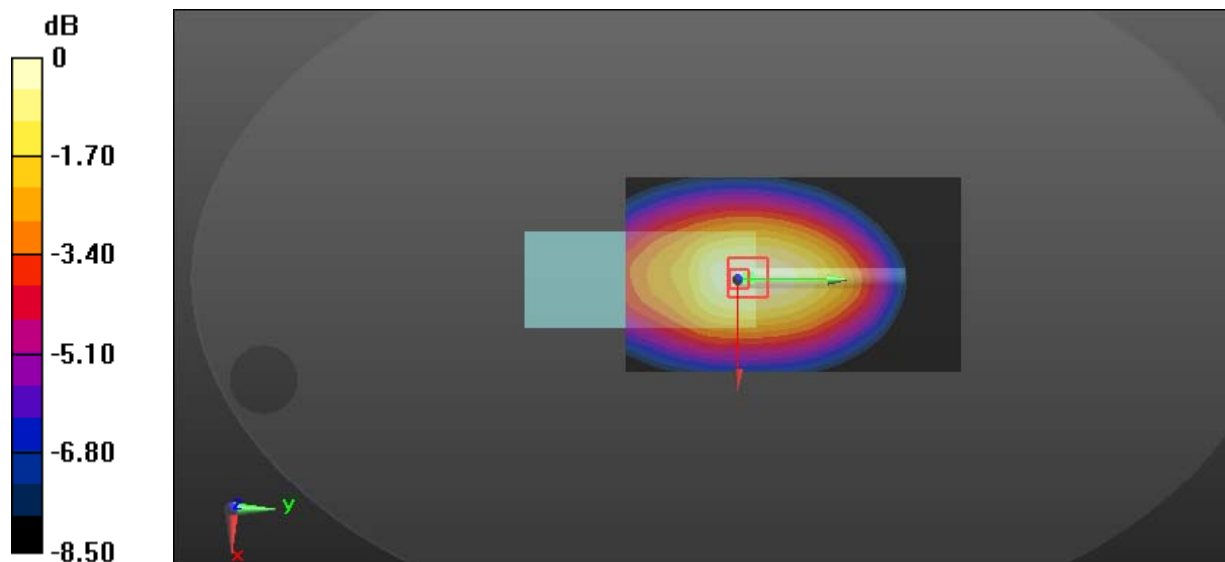
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 435 \text{ MHz}$; $\sigma = 0.949 \text{ S/m}$; $\epsilon_r = 57.54$; $\rho = 1000 \text{ kg/m}^3$

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) = 11.2 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 98.46 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 13.8 W/kg **SAR(1 g) = 8.93 W/kg ; SAR(10 g) = 6.52 W/kg** Maximum value of SAR (measured) = 11.7 W/kg 0 dB = 11.7 W/kg = 10.68 dBW/kg

Test Plot 7#: PTT_FM 12.5kHz_Body Back_452 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

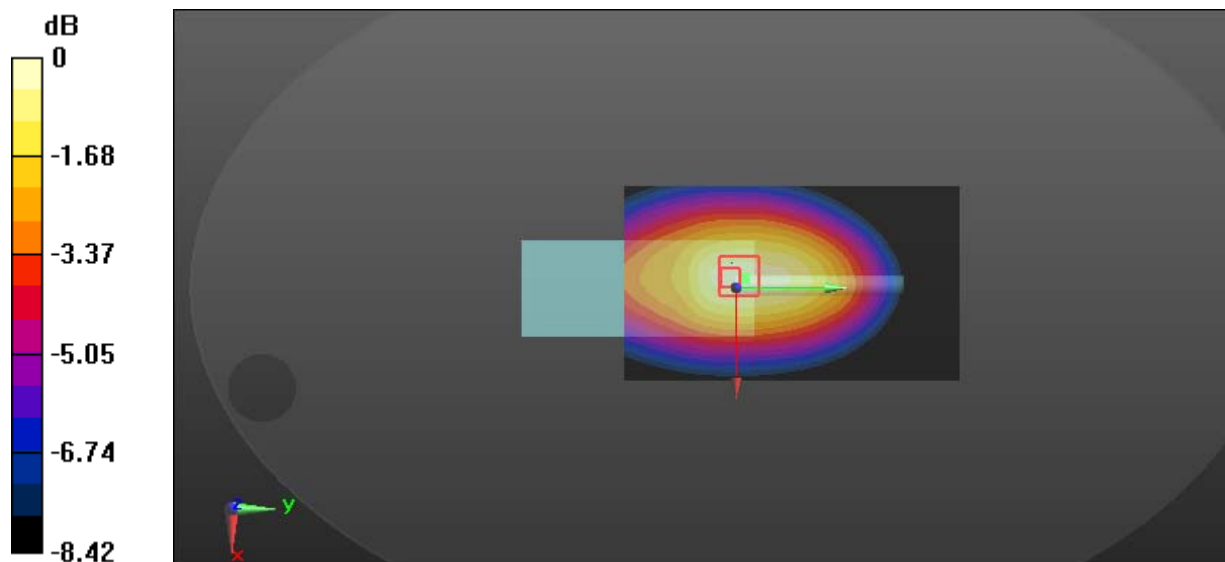
Communication System: FM; Frequency: 452 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 452 \text{ MHz}$; $\sigma = 0.954 \text{ S/m}$; $\epsilon_r = 57.389$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

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

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.75 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 80.18 V/m ; Power Drift = 0.15 dB Peak SAR (extrapolated) = 9.40 W/kg **SAR(1 g) = 6.43 W/kg ; SAR(10 g) = 4.72 W/kg** Maximum value of SAR (measured) = 8.28 W/kg  $0 \text{ dB} = 8.28 \text{ W/kg} = 9.18 \text{ dBW/kg}$

Test Plot 8#: PTT_FM 12.5kHz_Body Back_469.9875 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

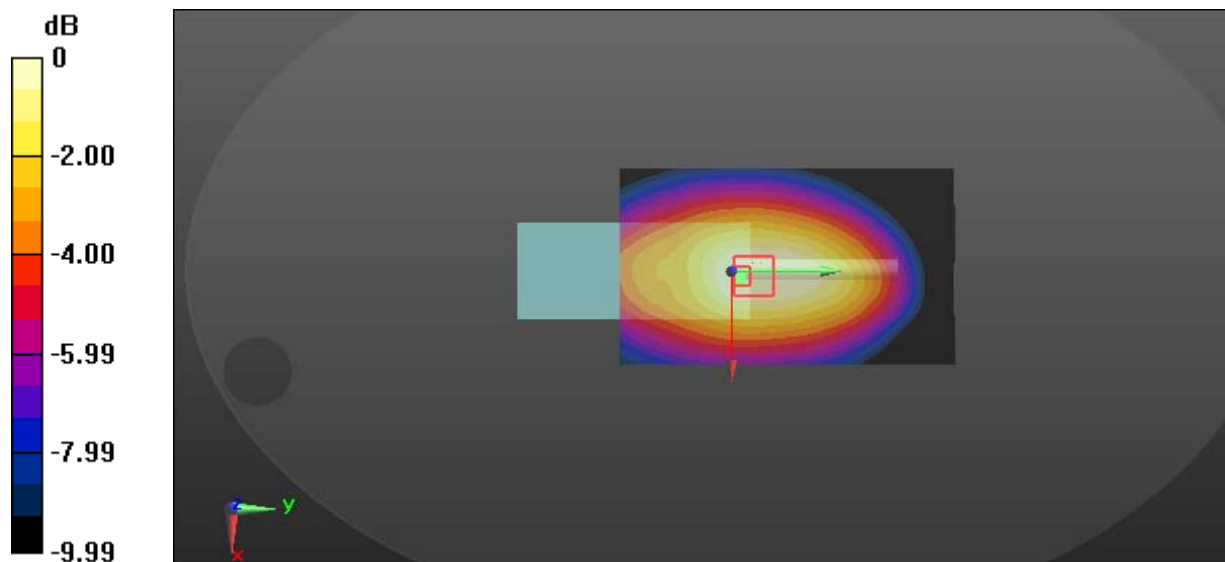
Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988 \text{ MHz}$; $\sigma = 0.959 \text{ S/m}$; $\epsilon_r = 57.321$; $\rho = 1000 \text{ kg/m}^3$

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) = 8.43 W/kg **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 88.20 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 9.47 W/kg **SAR(1 g) = 5.97 W/kg ; SAR(10 g) = 4.35 W/kg** Maximum value of SAR (measured) = 8.05 W/kg  $0 \text{ dB} = 8.05 \text{ W/kg} = 9.06 \text{ dBW/kg}$

Test Plot 9#: PTT_FM 25kHz_Body Back_400.0125 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 57.741$; $\rho = 1000$ 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) = 8.46 W/kg

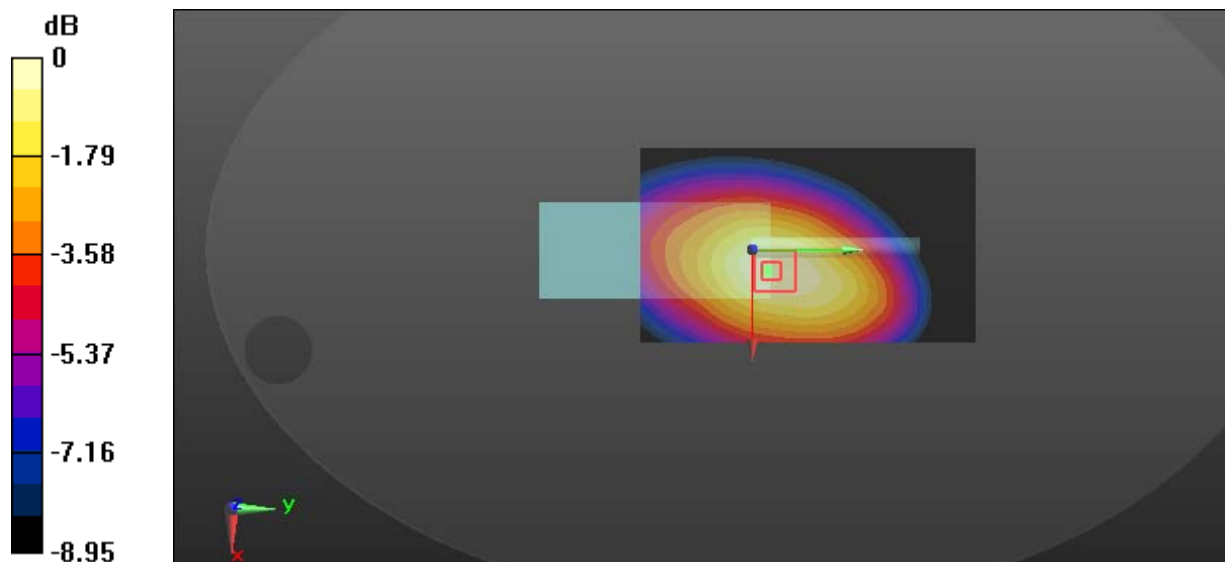
Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 80.21 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 6.55 W/kg; SAR(10 g) = 4.79 W/kg

Maximum value of SAR (measured) = 8.61 W/kg



0 dB = 8.61 W/kg = 9.35 dBW/kg

Test Plot 10#: PTT_FM 25kHz_Body Back_417 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 417$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 57.639$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 13.5 W/kg

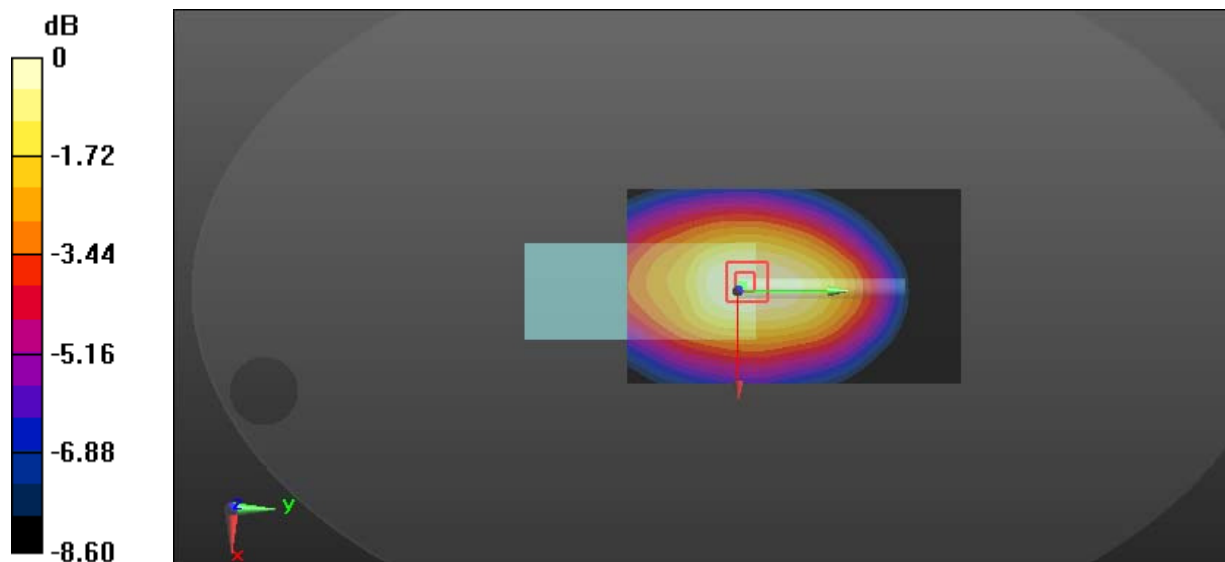
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 110.2 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 8.62 W/kg

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



0 dB = 13.0 W/kg = 11.14 dBW/kg

Test Plot 11#: PTT_FM 25kHz_Body Back_435 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

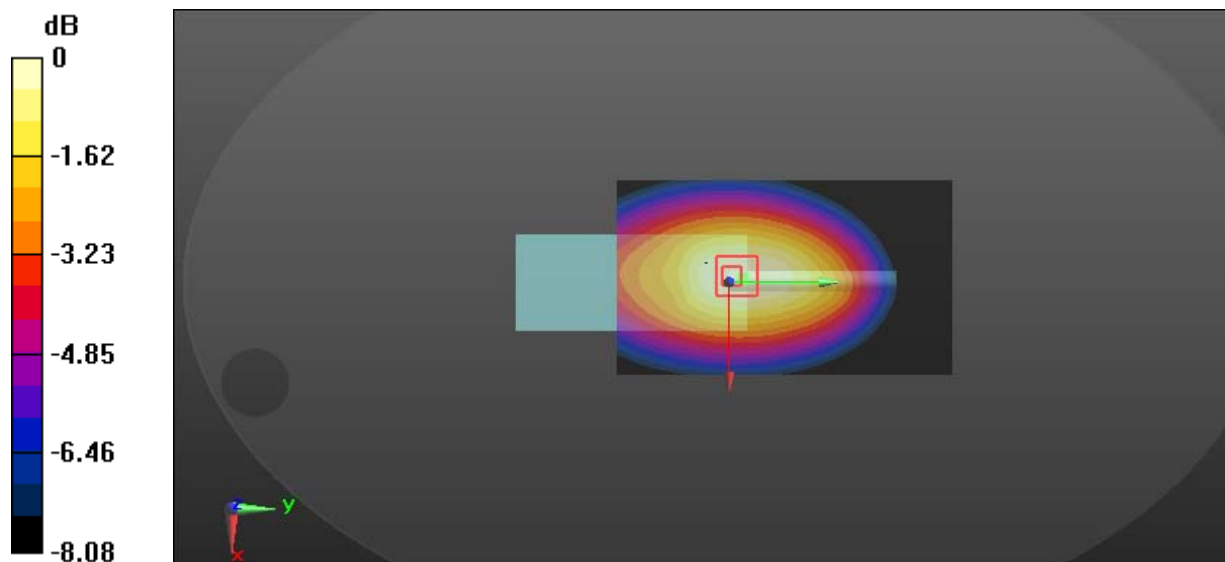
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 435 \text{ MHz}$; $\sigma = 0.949 \text{ S/m}$; $\epsilon_r = 57.54$; $\rho = 1000 \text{ kg/m}^3$

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) = 11.5 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 98.86 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 12.8 W/kg **SAR(1 g) = 8.92 W/kg ; SAR(10 g) = 6.58 W/kg** Maximum value of SAR (measured) = 11.3 W/kg  $0 \text{ dB} = 11.3 \text{ W/kg} = 10.53 \text{ dBW/kg}$

Test Plot 12#: PTT_FM 25kHz_Body Back_452 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

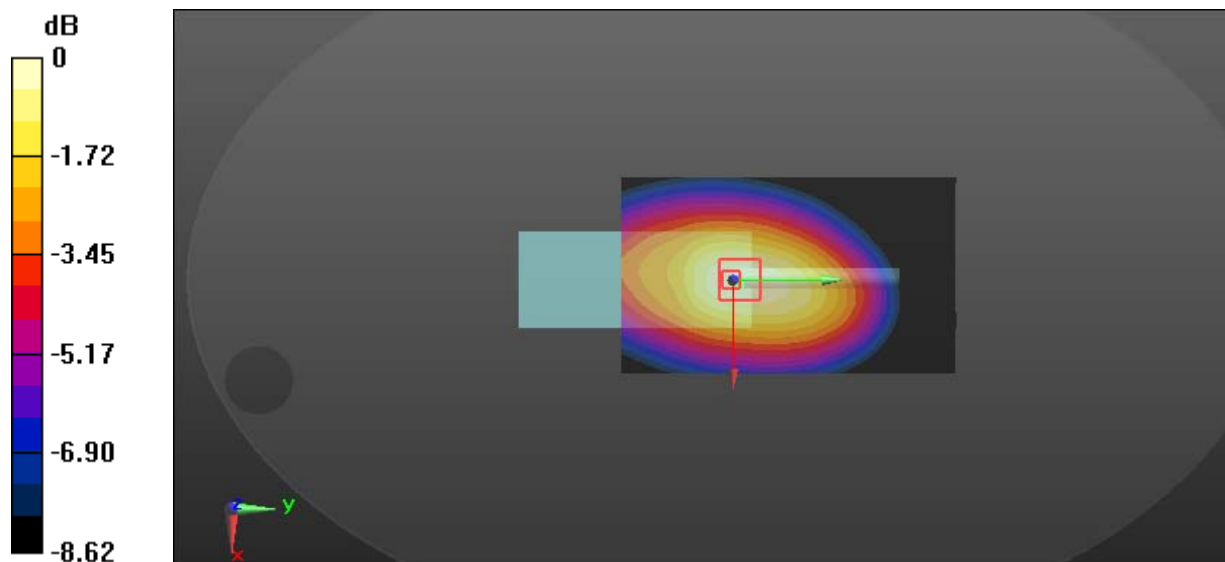
Communication System: FM; Frequency: 452 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 452 \text{ MHz}$; $\sigma = 0.954 \text{ S/m}$; $\epsilon_r = 57.389$; $\rho = 1000 \text{ kg/m}^3$

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) = 8.30 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 83.17 V/m ; Power Drift = 0.12 dB Peak SAR (extrapolated) = 9.73 W/kg **SAR(1 g) = 6.69 W/kg ; SAR(10 g) = 4.92 W/kg** Maximum value of SAR (measured) = 8.47 W/kg  $0 \text{ dB} = 8.47 \text{ W/kg} = 9.28 \text{ dBW/kg}$

Test Plot 13#: PTT_FM 25kHz_Body Back_469.9875 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

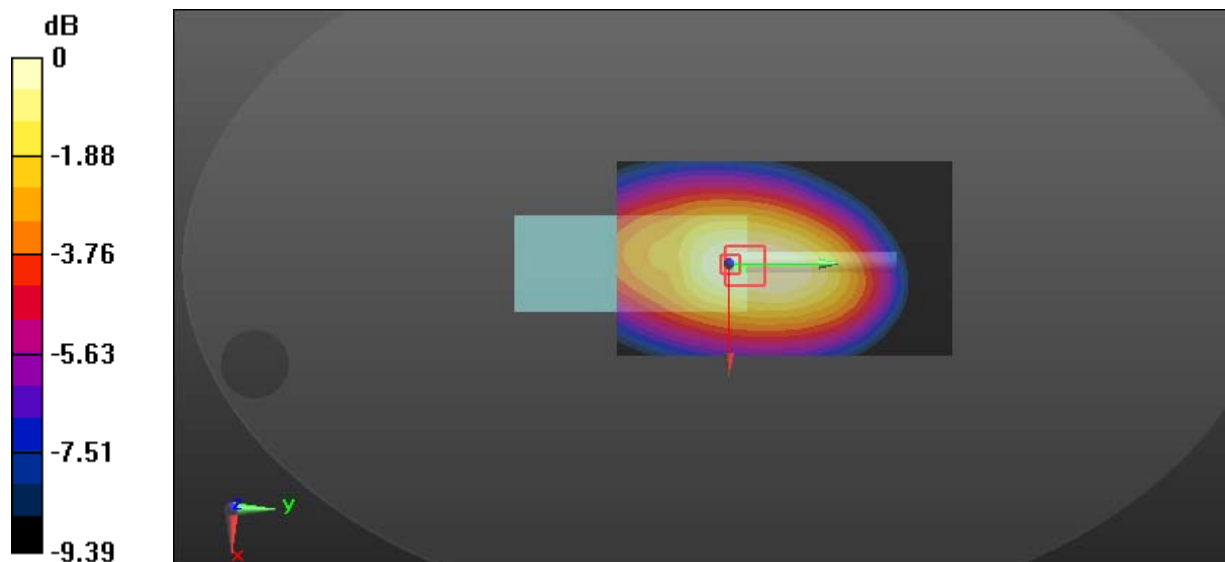
Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988 \text{ MHz}$; $\sigma = 0.959 \text{ S/m}$; $\epsilon_r = 57.321$; $\rho = 1000 \text{ kg/m}^3$

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) = 8.63 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 85.41 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 9.55 W/kg **SAR(1 g) = 6.6 W/kg ; SAR(10 g) = 4.9 W/kg** Maximum value of SAR (measured) = 8.42 W/kg  $0 \text{ dB} = 8.42 \text{ W/kg} = 9.25 \text{ dBW/kg}$

Test Plot 14#: PTT_4FSK 12.5kHz_Body Back_417 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 417$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 57.639$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 6.94 W/kg

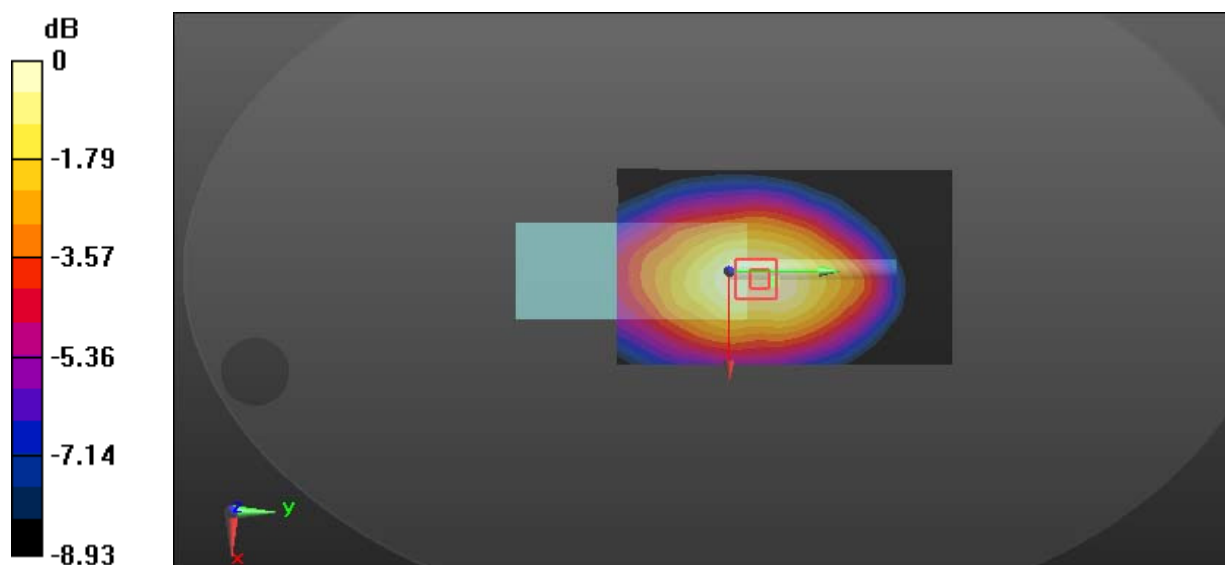
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 73.92 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 8.47 W/kg

SAR(1 g) = 5.26 W/kg; SAR(10 g) = 3.83 W/kg

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



0 dB = 7.03 W/kg = 8.47 dBW/kg

Test Plot 15#: PTT_FM 12.5kHz_Face Up_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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) = 6.03 W/kg

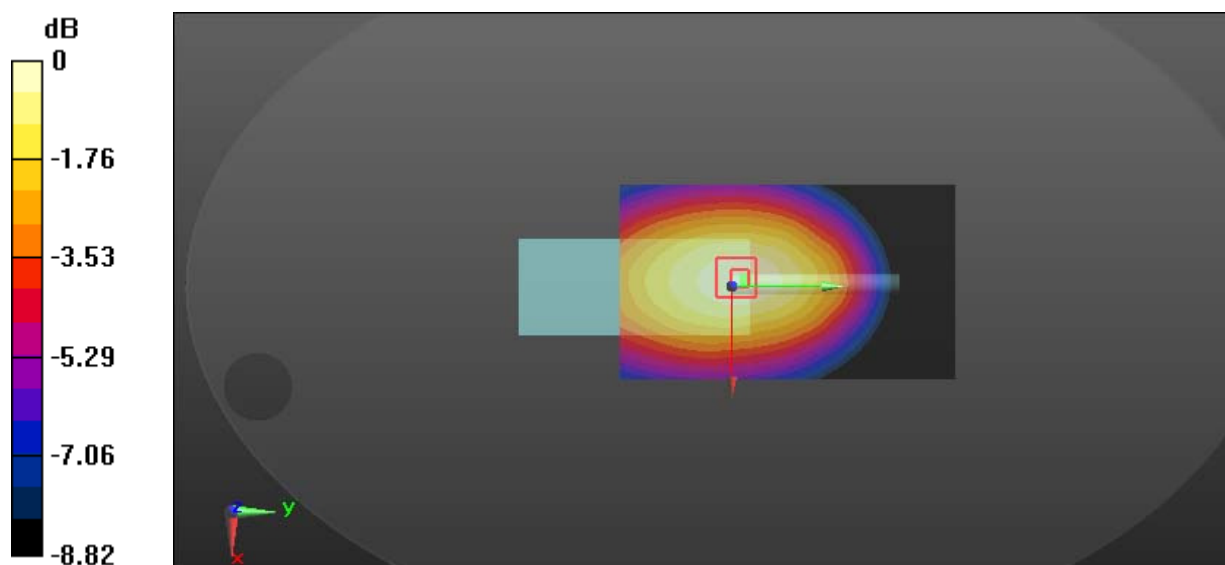
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.65 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 7.08 W/kg

SAR(1 g) = 4.74 W/kg; SAR(10 g) = 3.53 W/kg

Maximum value of SAR (measured) = 6.12 W/kg



0 dB = 6.12 W/kg = 7.87 dBW/kg

Test Plot 16#: PTT_FM 25kHz_Face Up_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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) = 5.88 W/kg

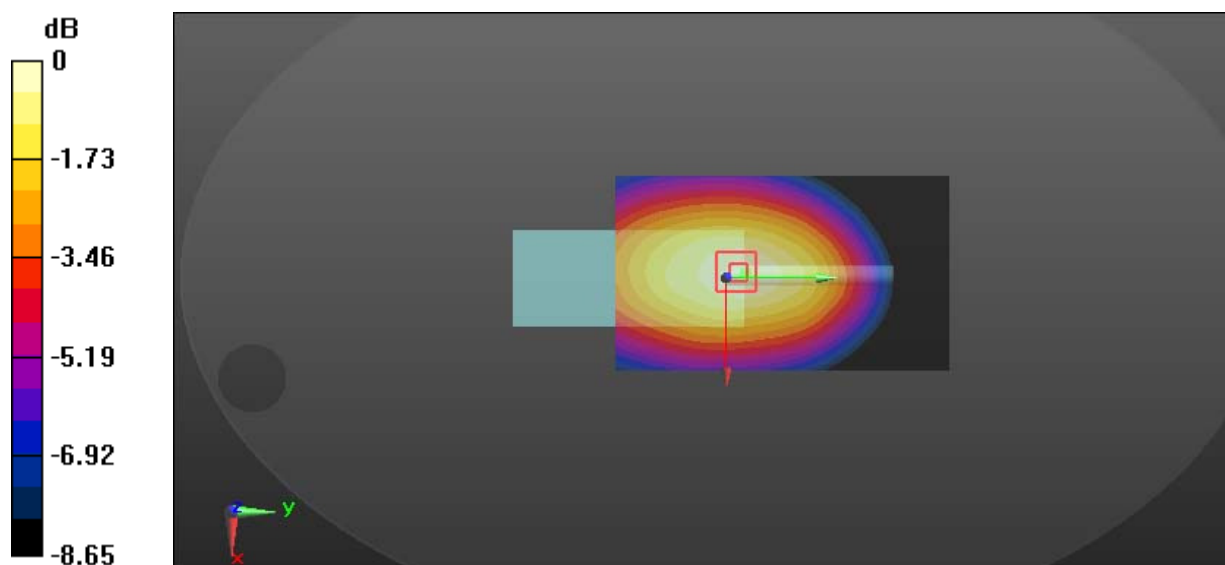
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 73.11 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 6.86 W/kg

SAR(1 g) = 4.62 W/kg; SAR(10 g) = 3.44 W/kg

Maximum value of SAR (measured) = 5.92 W/kg



0 dB = 5.92 W/kg = 7.72 dBW/kg

Test Plot 17#: PTT_4FSK 12.5kHz_Face Up_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD602i Um; Serial: 17120700920**

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) = 3.74 W/kg

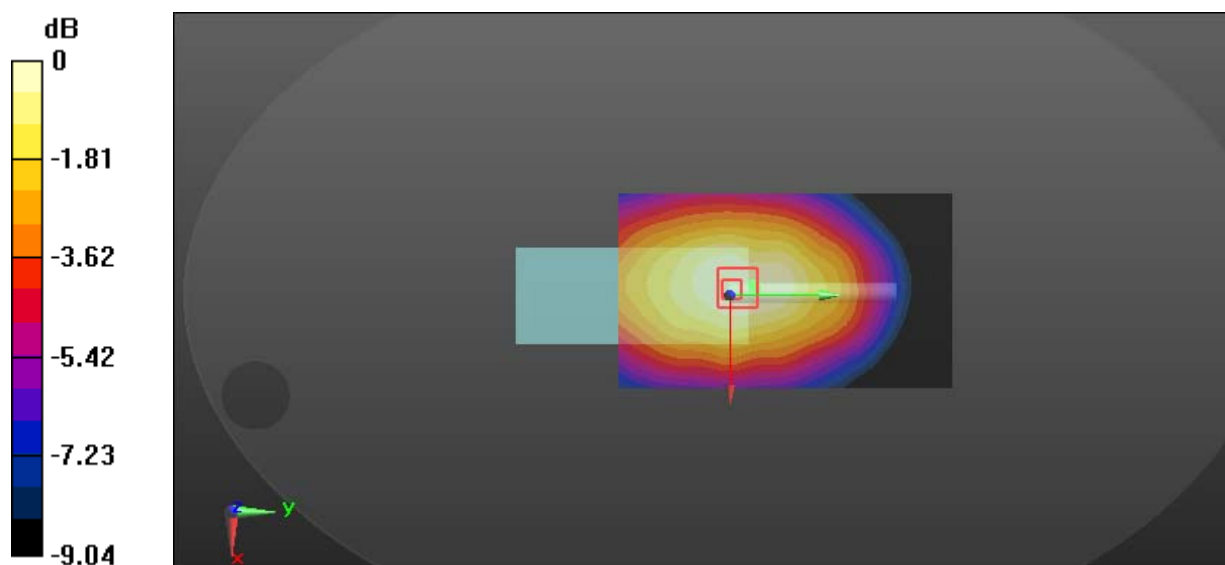
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.62 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.34 W/kg

SAR(1 g) = 2.84 W/kg; SAR(10 g) = 2.1 W/kg

Maximum value of SAR (measured) = 3.74 W/kg



0 dB = 3.74 W/kg = 5.73 dBW/kg

Test Plot 18#: PTT_FM 12.5kHz_Body Back_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.952$ S/m; $\epsilon_r = 57.437$; $\rho = 1000$ 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) = 14.1 W/kg

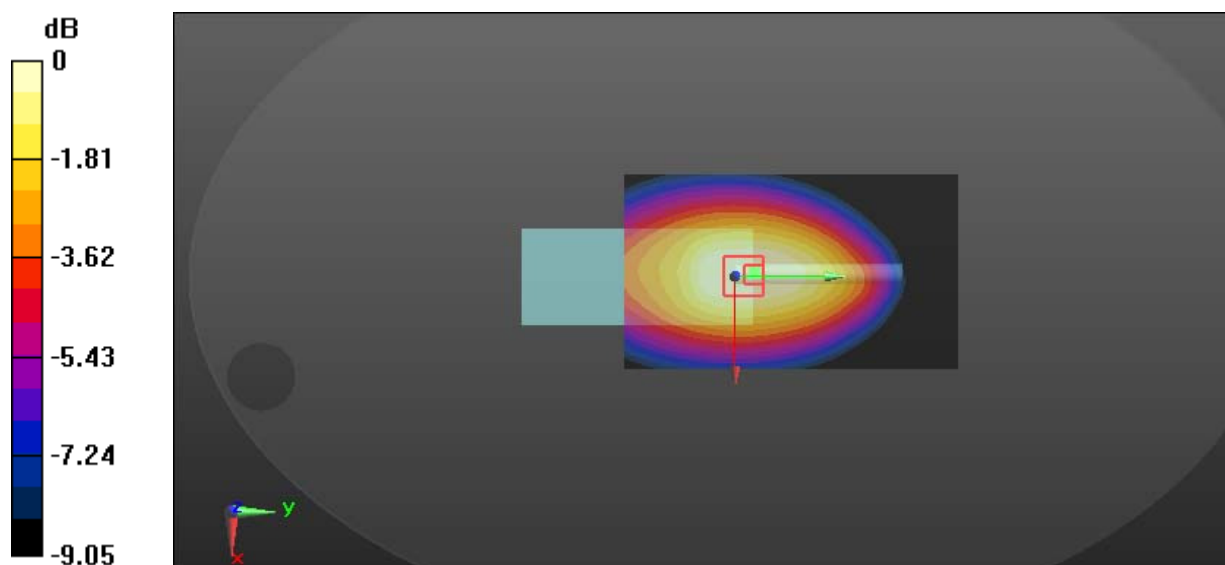
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.8 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 15.6 W/kg

SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.68 W/kg

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



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

Test Plot 19#: PTT_FM 12.5kHz_Body Back_469 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 469$ MHz; $\sigma = 0.956$ S/m; $\epsilon_r = 57.33$; $\rho = 1000$ 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

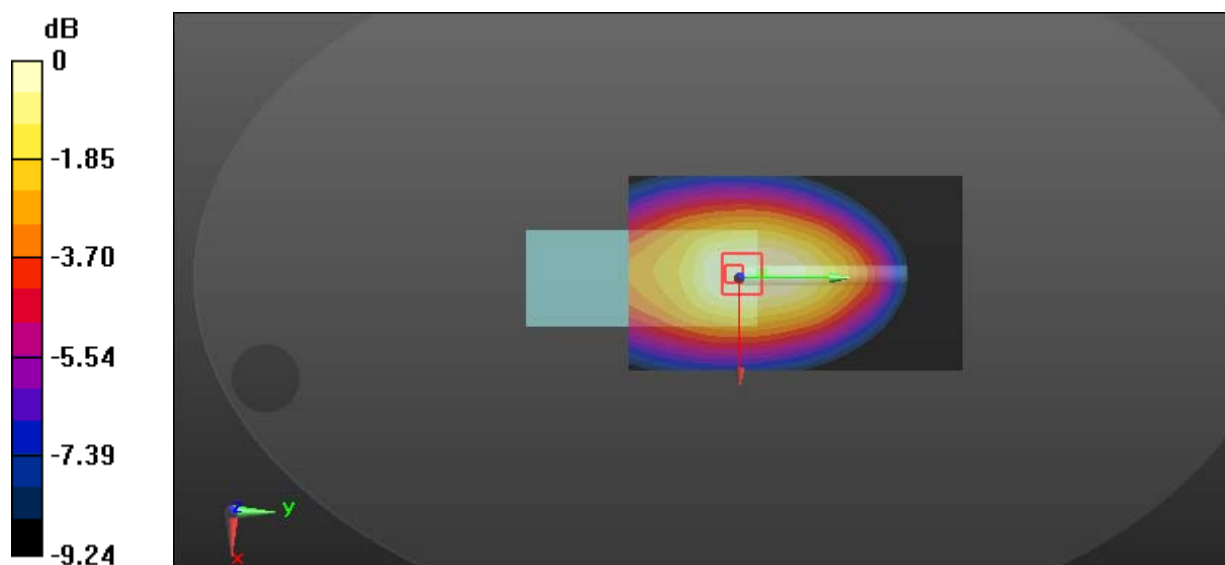
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 102.9 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 13.9 W/kg

SAR(1 g) = 9.6 W/kg; SAR(10 g) = 7.07 W/kg

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



0 dB = 12.2 W/kg = 10.86 dBW/kg

Test Plot 20#: PTT_FM 12.5kHz_Body Back_488.5 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 488.5$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 57.21$; $\rho = 1000$ 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) = 11.8 W/kg

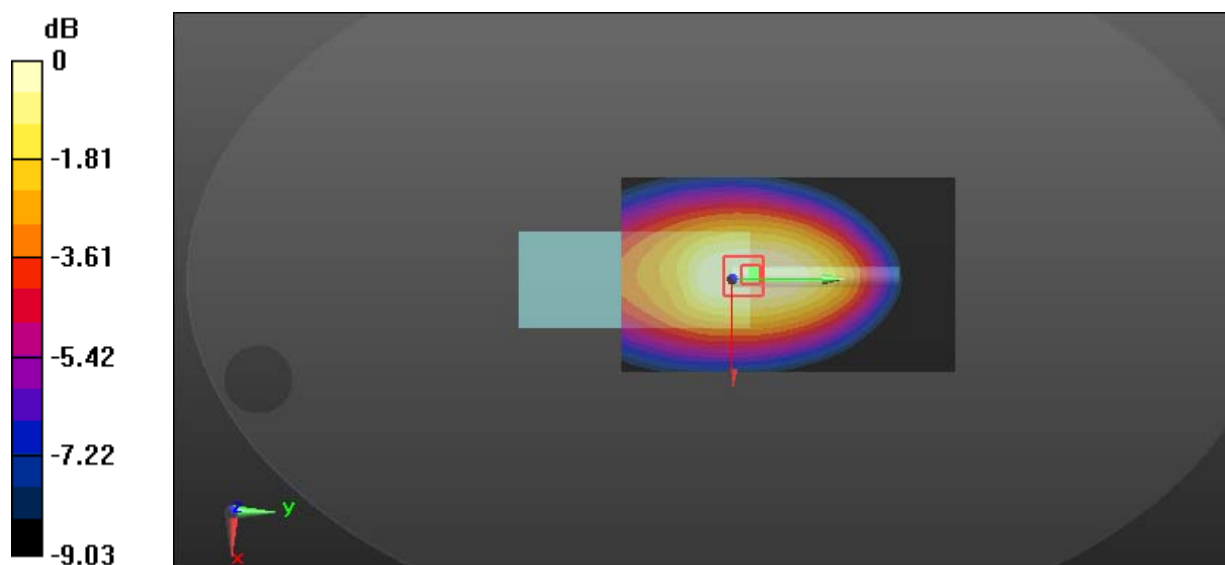
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 96.12 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 13.0 W/kg

SAR(1 g) = 8.85 W/kg; SAR(10 g) = 6.52 W/kg

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



0 dB = 11.3 W/kg = 10.53 dBW/kg

Test Plot 21#: PTT_FM 12.5kHz_Body Back_507 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

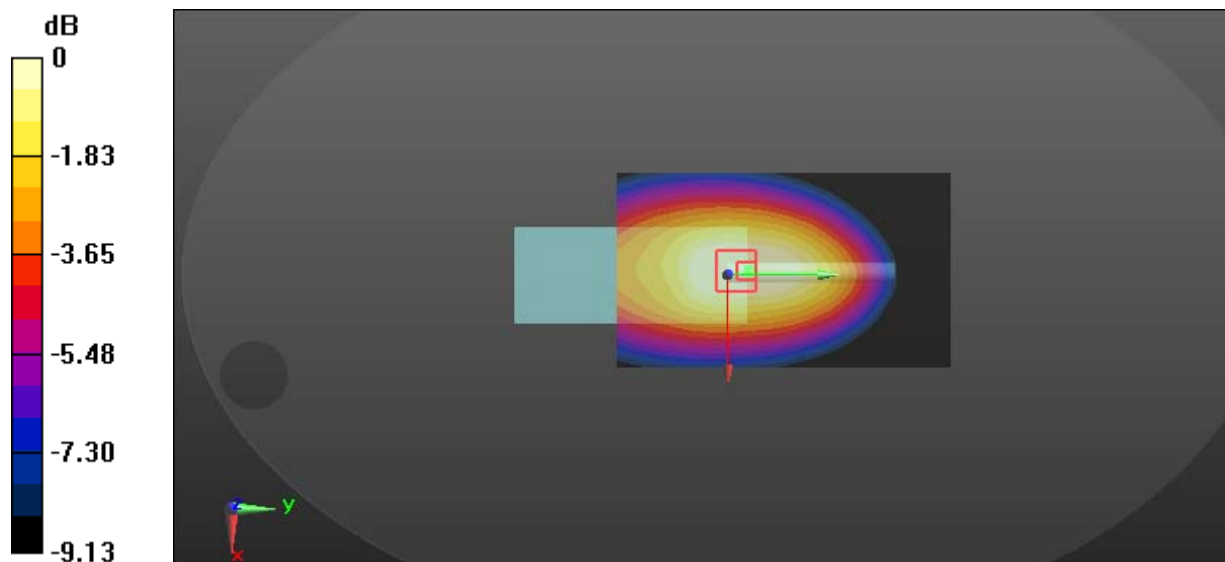
Communication System: FM; Frequency: 507 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 507 \text{ MHz}$; $\sigma = 0.962 \text{ S/m}$; $\epsilon_r = 57.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

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

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.93 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 84.66 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 8.73 W/kg **SAR(1 g) = 5.9 W/kg ; SAR(10 g) = 4.37 W/kg** Maximum value of SAR (measured) = 7.58 W/kg  $0 \text{ dB} = 7.58 \text{ W/kg} = 8.80 \text{ dBW/kg}$

Test Plot 22#: PTT_FM 12.5kHz_Body Back_511.9875 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

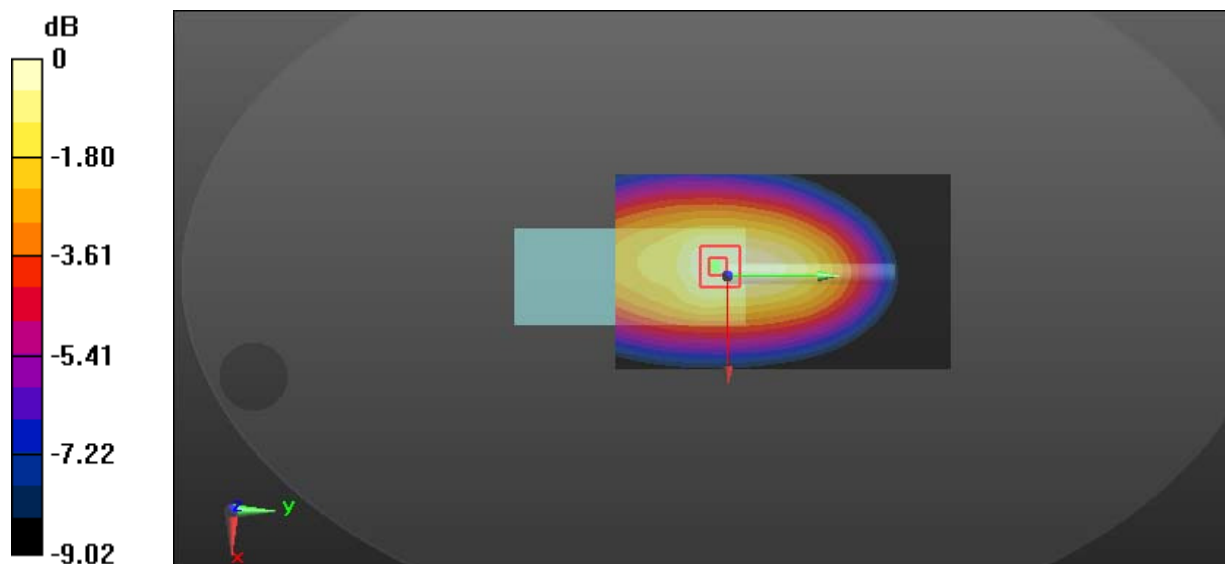
Communication System: FM; Frequency: 511.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 511.988 \text{ MHz}$; $\sigma = 0.963 \text{ S/m}$; $\epsilon_r = 56.899$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

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

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.30 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 79.22 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 8.52 W/kg **SAR(1 g) = 5.84 W/kg ; SAR(10 g) = 4.3 W/kg** Maximum value of SAR (measured) = 7.43 W/kg 0 dB = 7.43 W/kg = 8.71 dBW/kg

Test Plot 23#: PTT_FM 25kHz_Body Back_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.952$ S/m; $\epsilon_r = 57.437$; $\rho = 1000$ 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) = 13.9 W/kg

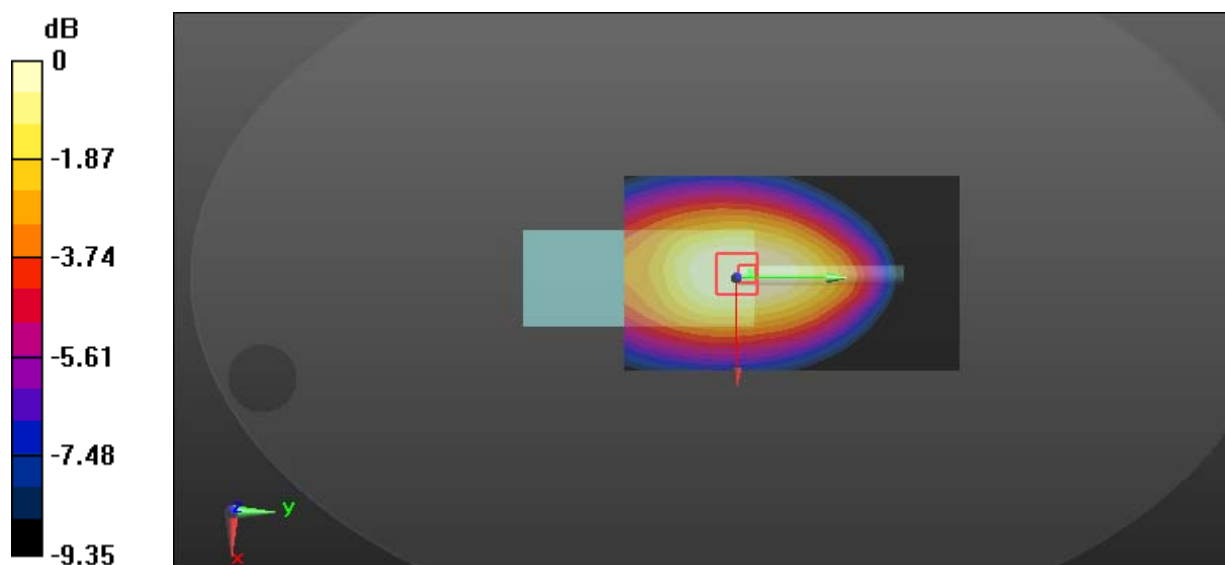
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 111.0 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 15.2 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 7.54 W/kg

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



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

Test Plot 24#: PTT_FM 25kHz_Body Back_469 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 469$ MHz; $\sigma = 0.956$ S/m; $\epsilon_r = 57.33$; $\rho = 1000$ 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) = 12.4 W/kg

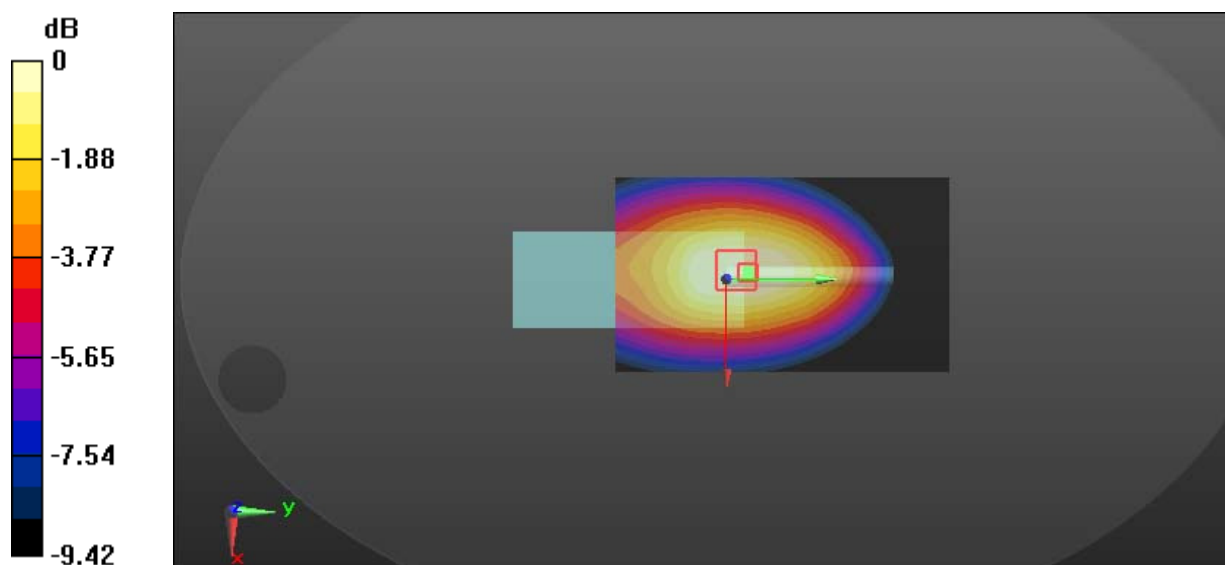
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 101.4 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 13.9 W/kg

SAR(1 g) = 9.39 W/kg; SAR(10 g) = 6.87 W/kg

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



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

Test Plot 25#: PTT_FM 25kHz_Body Back_488.5 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 488.5$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 57.21$; $\rho = 1000$ 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) = 11.1 W/kg

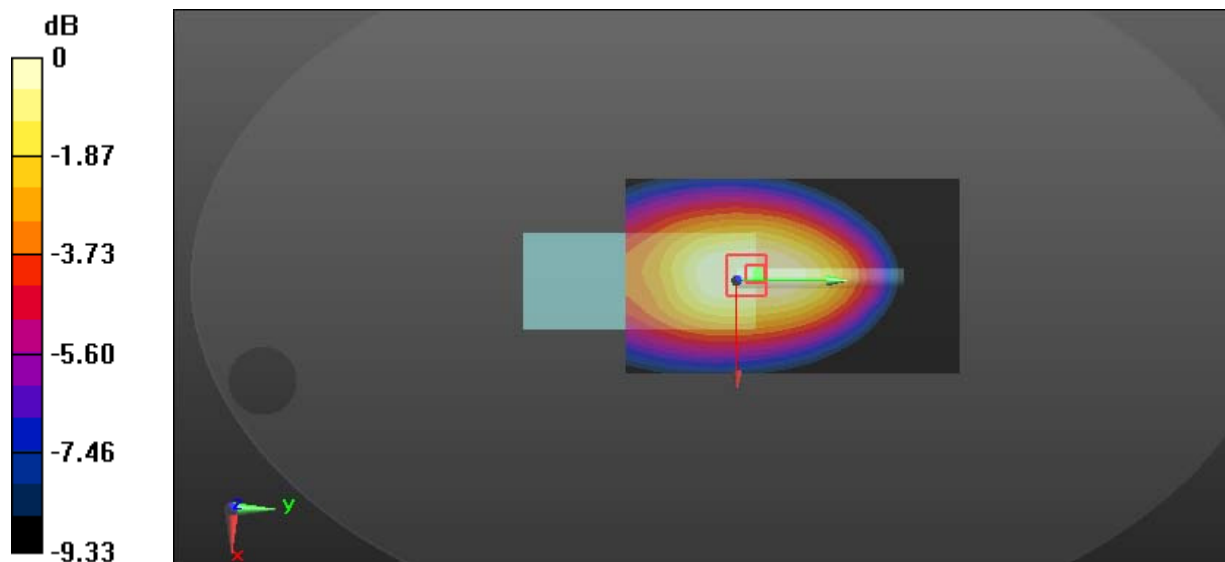
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.41 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 8.27 W/kg; SAR(10 g) = 6.07 W/kg

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



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

Test Plot 26#: PTT_FM 25kHz_Body Back_507 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

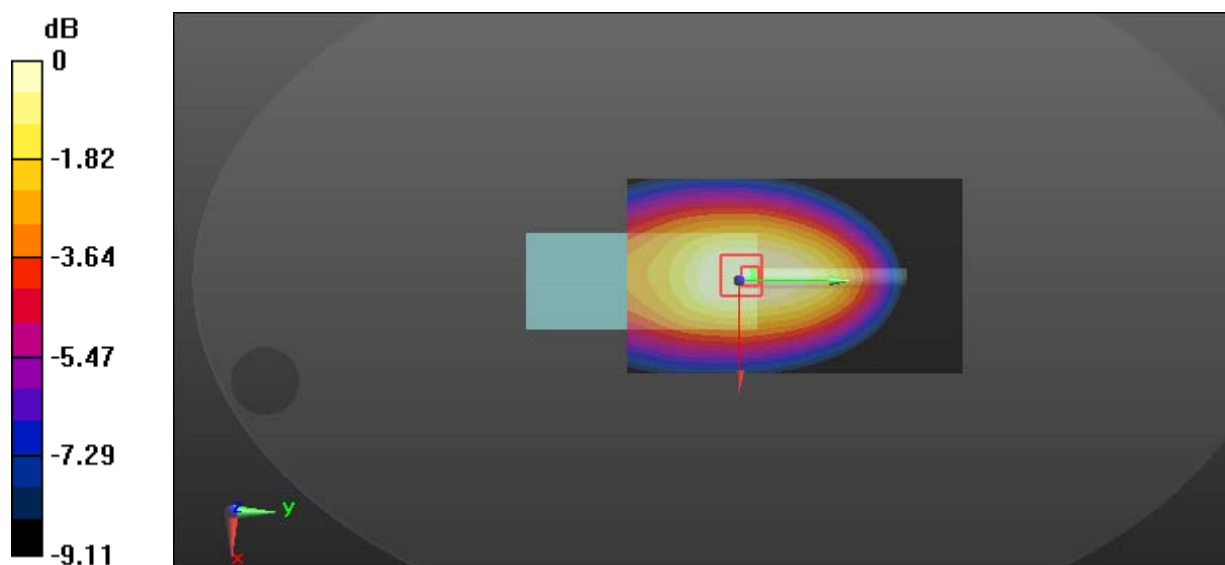
Communication System: FM; Frequency: 507 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 507 \text{ MHz}$; $\sigma = 0.962 \text{ S/m}$; $\epsilon_r = 57.1$; $\rho = 1000 \text{ kg/m}^3$

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) = 9.90 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 90.72 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 10.8 W/kg **SAR(1 g) = 7.32 W/kg ; SAR(10 g) = 5.4 W/kg** Maximum value of SAR (measured) = 9.44 W/kg  $0 \text{ dB} = 9.44 \text{ W/kg} = 9.75 \text{ dBW/kg}$

Test Plot 27#: PTT_FM 25kHz_Body Back_511.9875 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

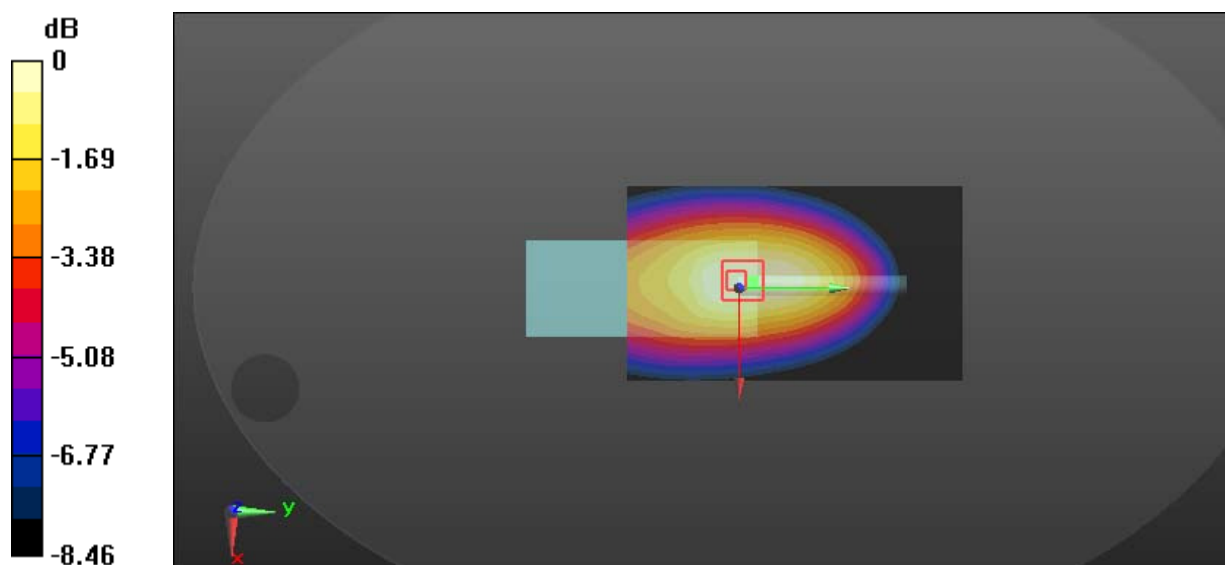
Communication System: FM; Frequency: 511.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 511.988 \text{ MHz}$; $\sigma = 0.963 \text{ S/m}$; $\epsilon_r = 56.899$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

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

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.33 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 76.94 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 8.43 W/kg **SAR(1 g) = 5.77 W/kg ; SAR(10 g) = 4.26 W/kg** Maximum value of SAR (measured) = 7.37 W/kg  $0 \text{ dB} = 7.37 \text{ W/kg} = 8.67 \text{ dBW/kg}$

Test Plot 28#: PTT_4FSK 12.5kHz_Body Back_450.0125 MHz**DUT: Digital Poratable Radio; Type: PD662i Um; Serial: 17120701020**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.952$ S/m; $\epsilon_r = 57.437$; $\rho = 1000$ 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) = 6.76 W/kg

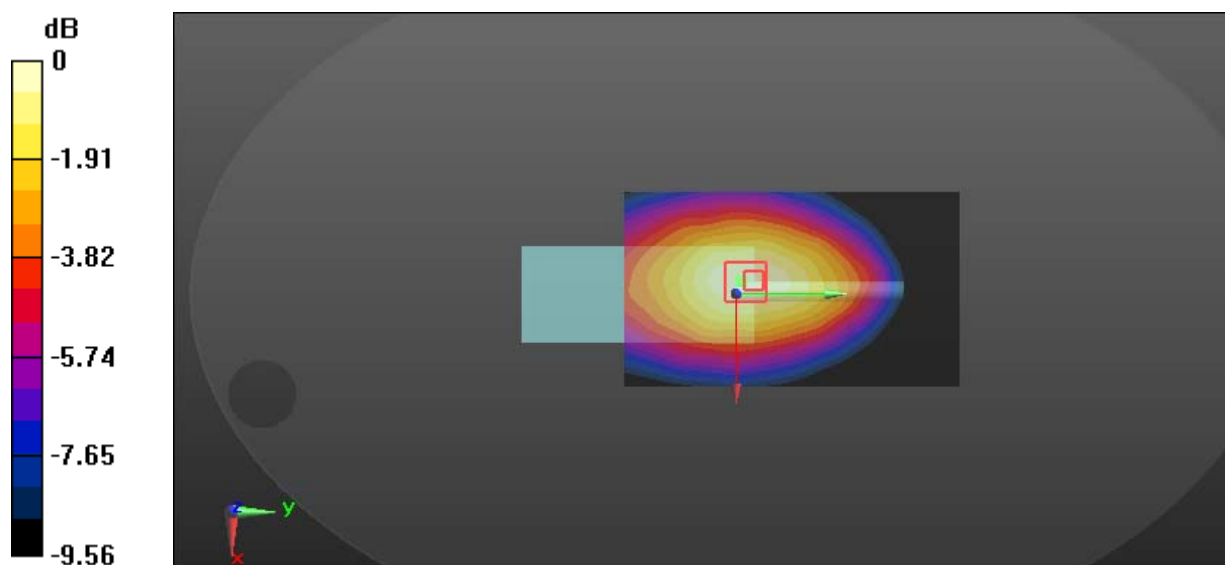
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 73.61 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 7.95 W/kg

SAR(1 g) = 5.22 W/kg; SAR(10 g) = 3.8 W/kg

Maximum value of SAR (measured) = 6.80 W/kg



0 dB = 6.80 W/kg = 8.33 dBW/kg