

**Test Plot 1#: PTT\_FM 12.5kHz\_Face Up\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.849$  S/m;  $\epsilon_r = 44.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 3.34 W/kg

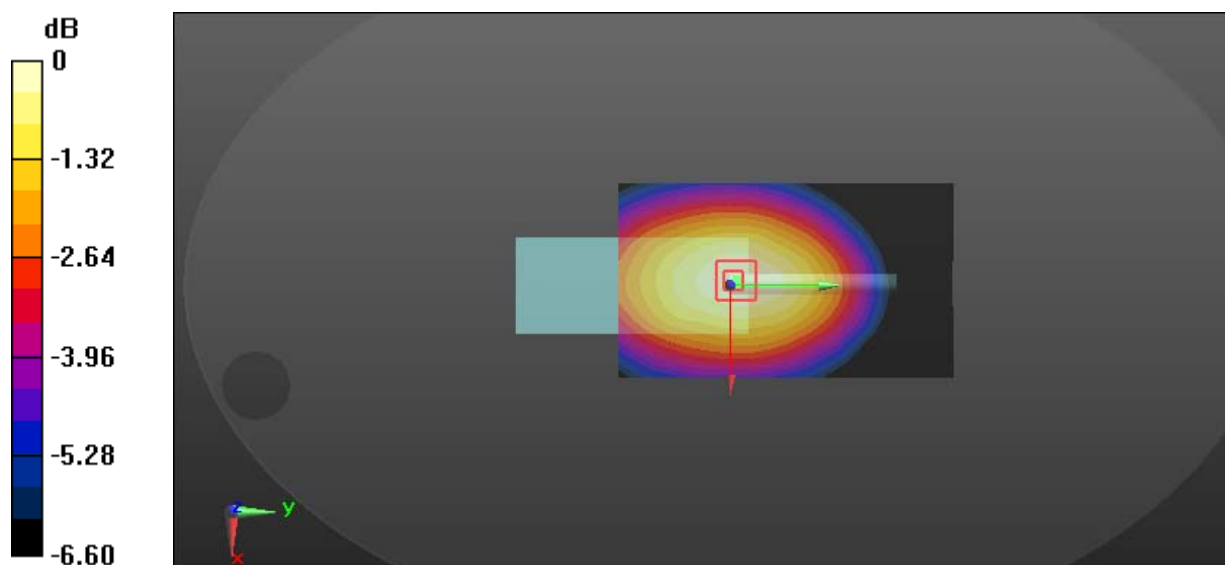
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.51 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.80 W/kg

**SAR(1 g) = 2.74 W/kg; SAR(10 g) = 2.11 W/kg**

Maximum value of SAR (measured) = 3.37 W/kg



0 dB = 3.37 W/kg = 5.28 dBW/kg

**Test Plot 2#: PTT\_FM 12.5kHz\_Face Up\_417 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 417$  MHz;  $\sigma = 0.851$  S/m;  $\epsilon_r = 44.701$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 7.52 W/kg

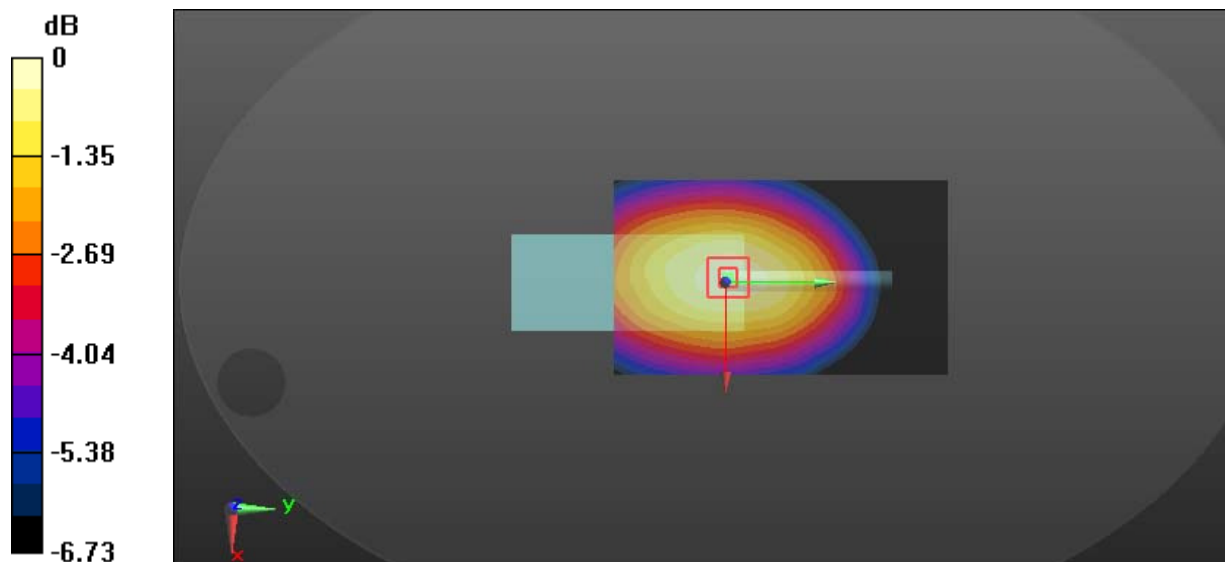
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 83.71 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 8.57 W/kg

**SAR(1 g) = 6.38 W/kg; SAR(10 g) = 4.87 W/kg**

Maximum value of SAR (measured) = 7.78 W/kg



0 dB = 7.78 W/kg = 8.91 dBW/kg

**Test Plot 3#: PTT\_FM 12.5kHz\_Face Up\_435 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

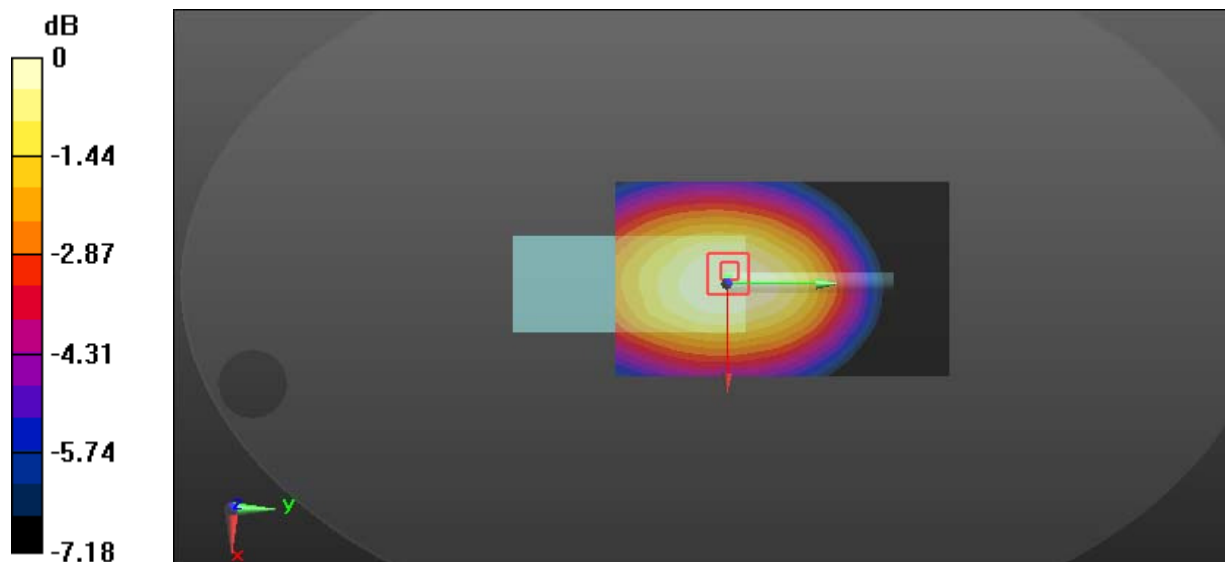
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 435 \text{ MHz}$ ;  $\sigma = 0.853 \text{ S/m}$ ;  $\epsilon_r = 44.653$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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) =  $9.29 \text{ W/kg}$ **Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $92.96 \text{ V/m}$ ; Power Drift =  $-0.11 \text{ dB}$ Peak SAR (extrapolated) =  $10.4 \text{ W/kg}$ **SAR(1 g) =  $7.21 \text{ W/kg}$ ; SAR(10 g) =  $5.52 \text{ W/kg}$** Maximum value of SAR (measured) =  $9.08 \text{ W/kg}$  $0 \text{ dB} = 9.08 \text{ W/kg} = 9.58 \text{ dBW/kg}$

**Test Plot 4#: PTT\_FM 12.5kHz\_Face Up\_452 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 452 \text{ MHz}$ ;  $\sigma = 0.856 \text{ S/m}$ ;  $\epsilon_r = 44.531$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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) = 5.41 W/kg

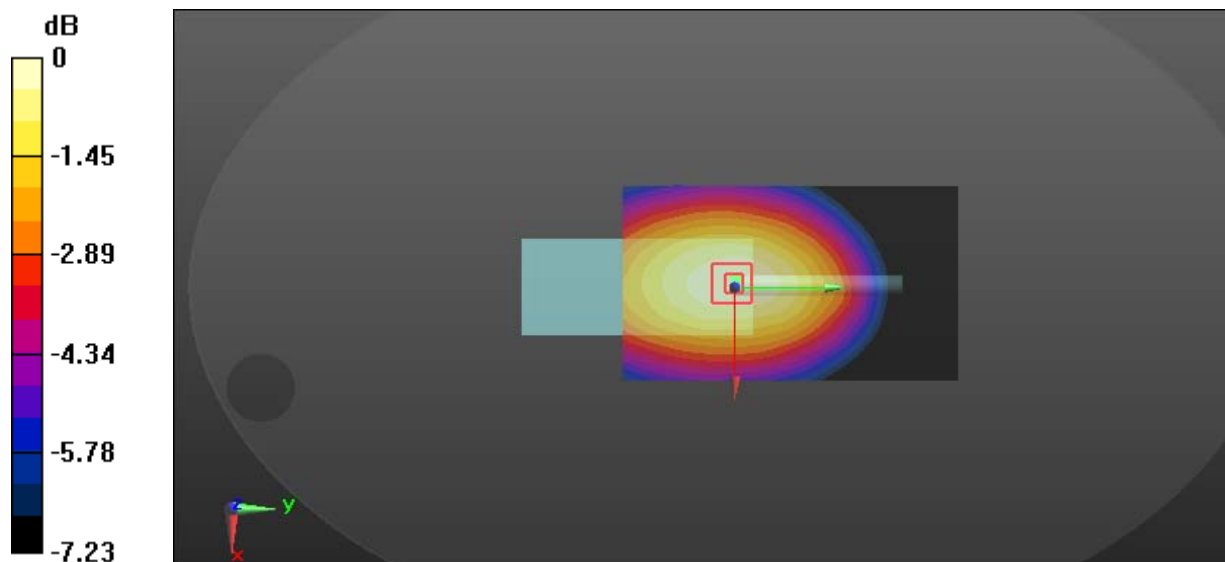
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 72.47 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 6.14 W/kg

**SAR(1 g) = 4.53 W/kg; SAR(10 g) = 3.44 W/kg**

Maximum value of SAR (measured) = 5.55 W/kg



0 dB = 5.55 W/kg = 7.44 dBW/kg

**Test Plot 5#: PTT\_FM 12.5kHz\_Face Up\_469.9875 MHz**

**DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 469.988 \text{ MHz}$ ;  $\sigma = 0.859 \text{ S/m}$ ;  $\epsilon_r = 44.162$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 6.06 W/kg

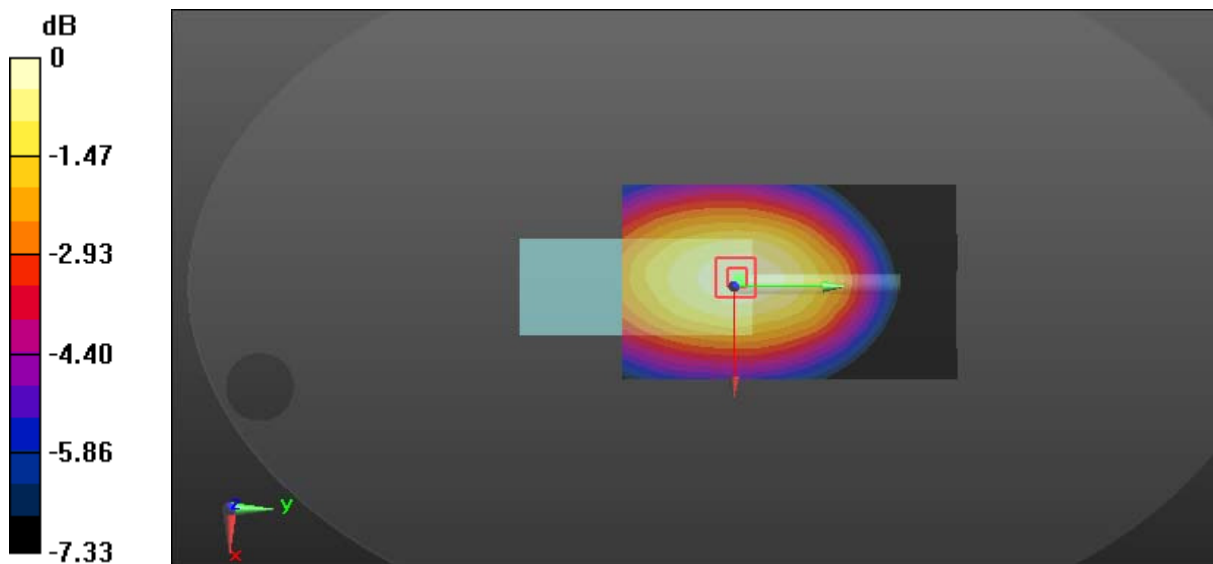
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 74.23 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 6.89 W/kg

**SAR(1 g) = 5.1 W/kg; SAR(10 g) = 3.86 W/kg**

Maximum value of SAR (measured) = 6.24 W/kg



0 dB = 6.24 W/kg = 7.95 dBW/kg

**Test Plot 6#: PTT\_FM 25kHz\_Face Up\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.849$  S/m;  $\epsilon_r = 44.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 3.78 W/kg

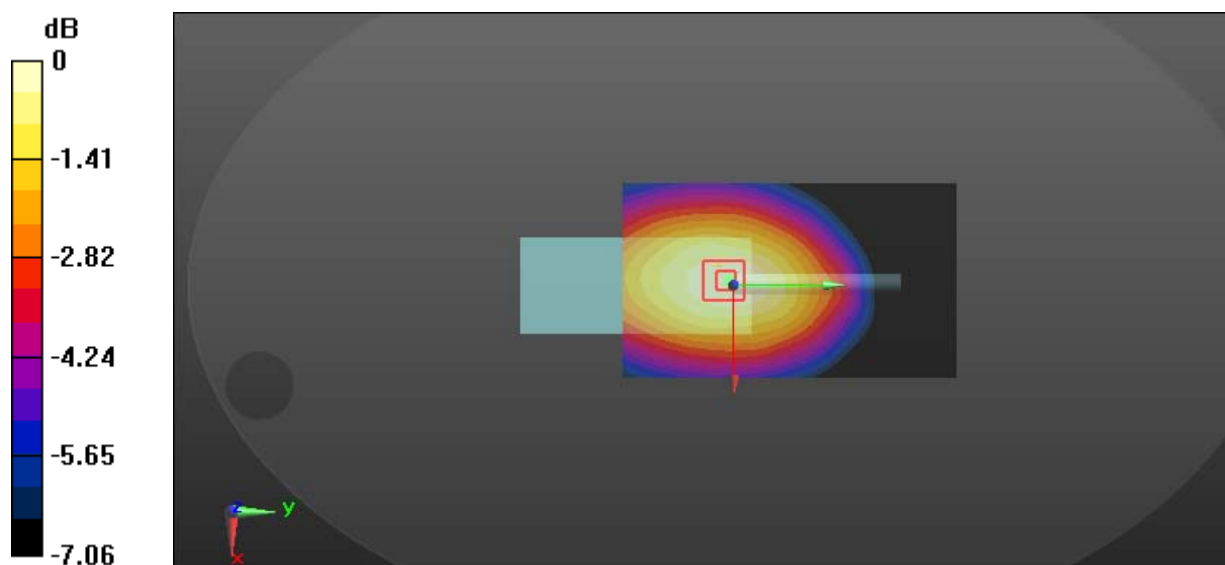
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.12 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 4.35 W/kg

**SAR(1 g) = 3.1 W/kg; SAR(10 g) = 2.36 W/kg**

Maximum value of SAR (measured) = 3.86 W/kg



0 dB = 3.86 W/kg = 5.87 dBW/kg

**Test Plot 7#: PTT\_FM 25kHz\_Face Up\_417 MHz**

**DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 417 \text{ MHz}$ ;  $\sigma = 0.851 \text{ S/m}$ ;  $\epsilon_r = 44.701$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 8.37 W/kg

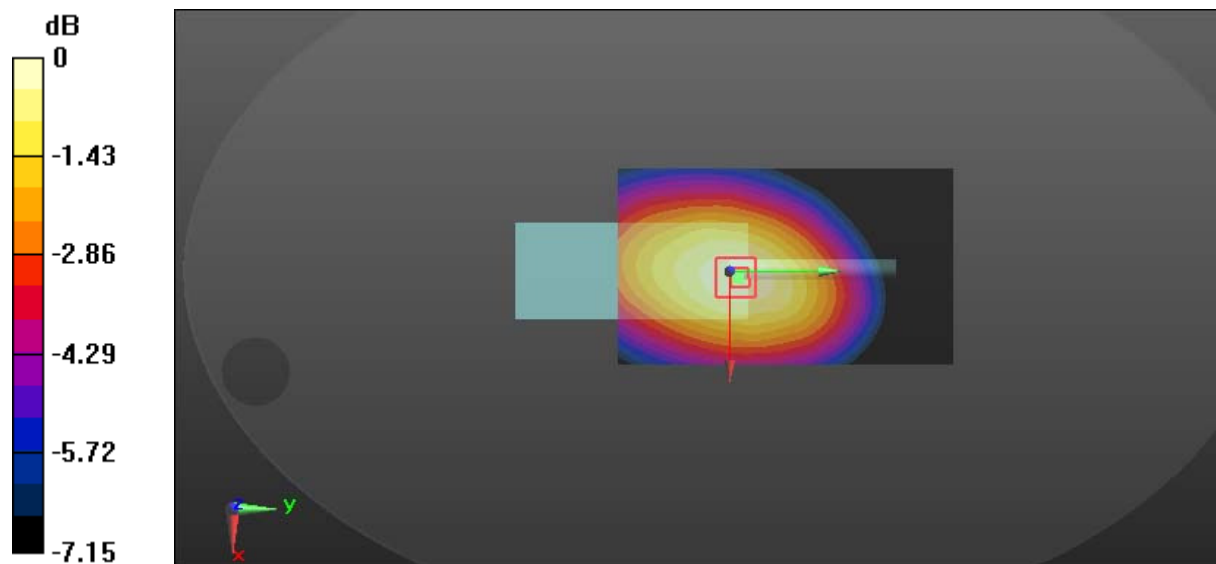
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 87.46 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 9.62 W/kg

**SAR(1 g) = 6.81 W/kg; SAR(10 g) = 5.15 W/kg**

Maximum value of SAR (measured) = 8.49 W/kg



0 dB = 8.49 W/kg = 9.29 dBW/kg

**Test Plot 8#: PTT\_FM 25kHz\_Face Up\_435 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 435$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 44.653$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 17.0 W/kg

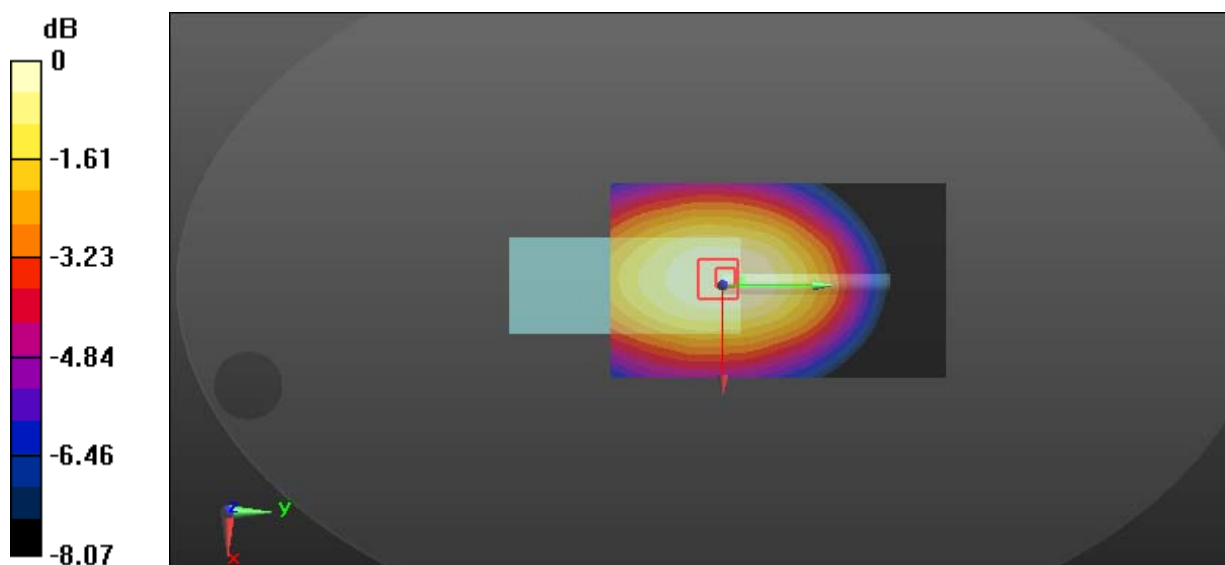
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.96 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 9.79 W/kg

**SAR(1 g) = 7.03 W/kg; SAR(10 g) = 5.35 W/kg**

Maximum value of SAR (measured) = 8.73 W/kg



0 dB = 8.73 W/kg = 9.41 dBW/kg



**Test Plot 9#: PTT\_FM 25kHz\_Face Up\_452 MHz**

**DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 452 \text{ MHz}$ ;  $\sigma = 0.856 \text{ S/m}$ ;  $\epsilon_r = 44.531$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 5.89 W/kg

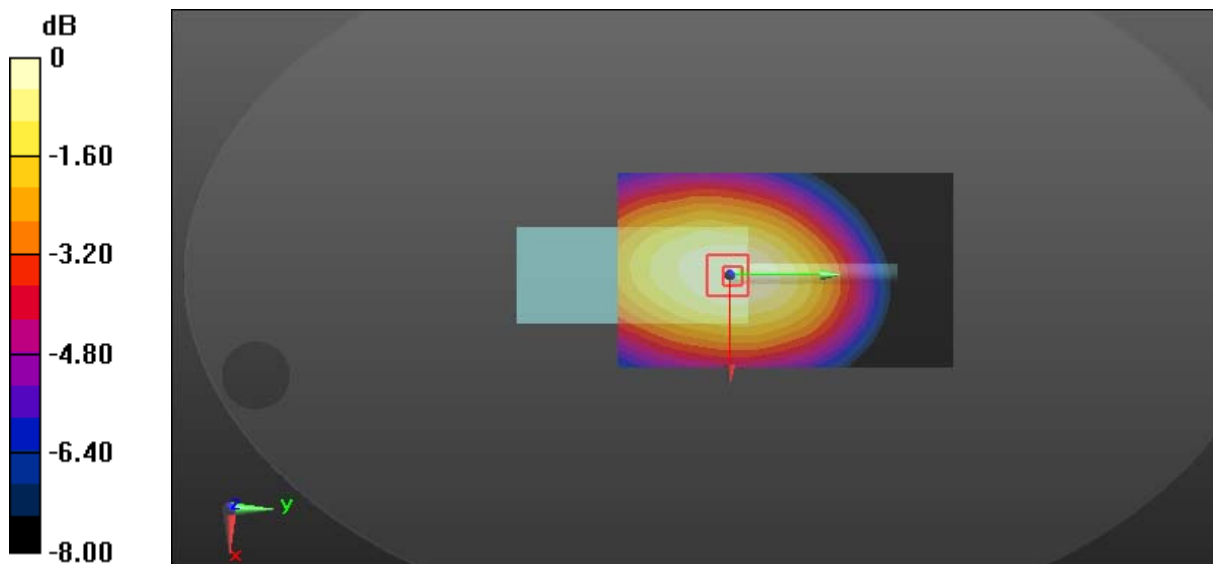
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 73.51 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 6.65 W/kg

**SAR(1 g) = 4.68 W/kg; SAR(10 g) = 3.52 W/kg**

Maximum value of SAR (measured) = 5.84 W/kg



0 dB = 5.84 W/kg = 7.66 dBW/kg

**Test Plot 10#: PTT\_FM 25kHz\_Face Up\_469.9875 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.859$  S/m;  $\epsilon_r = 44.162$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 6.43 W/kg

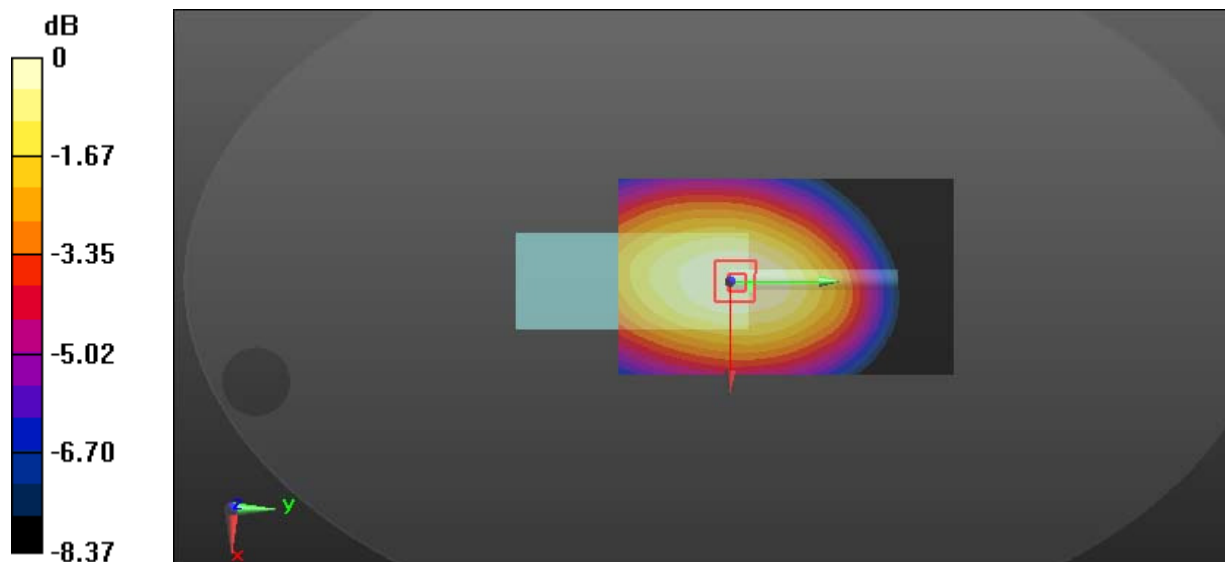
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 78.76 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 7.05 W/kg

**SAR(1 g) = 4.96 W/kg; SAR(10 g) = 3.72 W/kg**

Maximum value of SAR (measured) = 6.25 W/kg



0 dB = 6.25 W/kg = 7.96 dBW/kg

**Test Plot 11#: PTT\_4FSK 12.5kHz\_Face Up\_435 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 435$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 44.653$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 4.13 W/kg

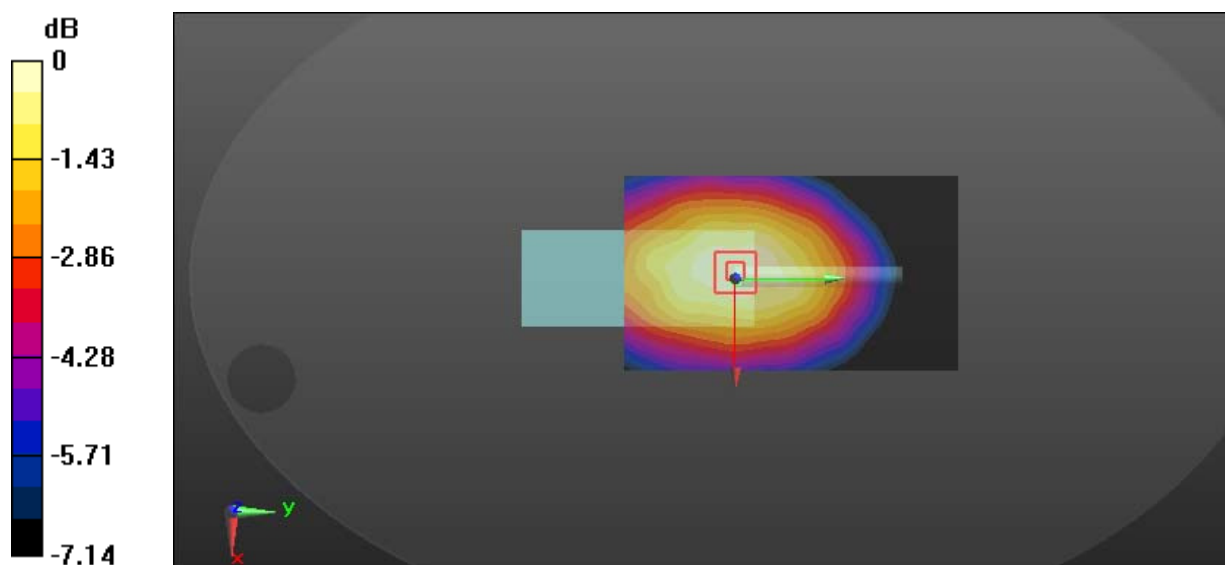
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 65.20 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.78 W/kg

**SAR(1 g) = 3.32 W/kg; SAR(10 g) = 2.52 W/kg**

Maximum value of SAR (measured) = 4.17 W/kg



0 dB = 4.17 W/kg = 6.20 dBW/kg

**Test Plot 12#: PTT\_FM 12.5kHz\_Body Back\_400.0125 MHz**

**DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 400.012 \text{ MHz}$ ;  $\sigma = 0.916 \text{ S/m}$ ;  $\epsilon_r = 57.964$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 7.27 W/kg

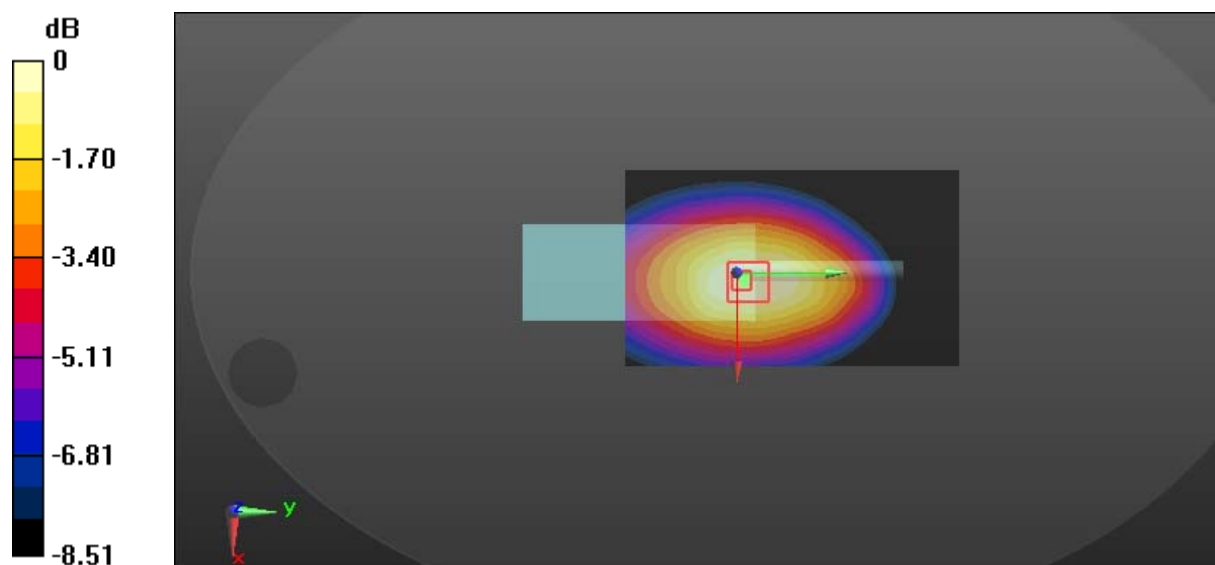
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 78.28 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 8.51 W/kg

**SAR(1 g) = 5.38 W/kg; SAR(10 g) = 3.9 W/kg**

Maximum value of SAR (measured) = 7.15 W/kg



0 dB = 7.15 W/kg = 8.54 dBW/kg

**Test Plot 13#: PTT\_FM 12.5kHz\_Body Back\_417 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 417$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 57.866$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 14.7 W/kg

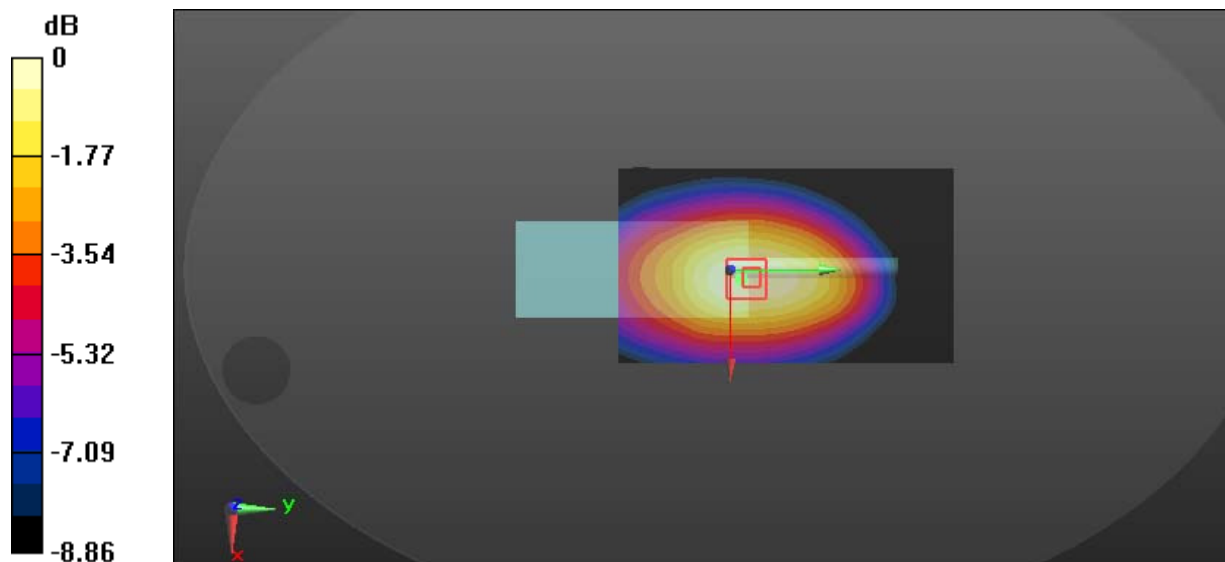
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.6 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 17.6 W/kg

**SAR(1 g) = 10.8 W/kg; SAR(10 g) = 7.71 W/kg**

Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg = 11.64 dBW/kg

**Test Plot 14#: PTT\_FM 12.5kHz\_Body Back\_435 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 435$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 57.759$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 10.2 W/kg

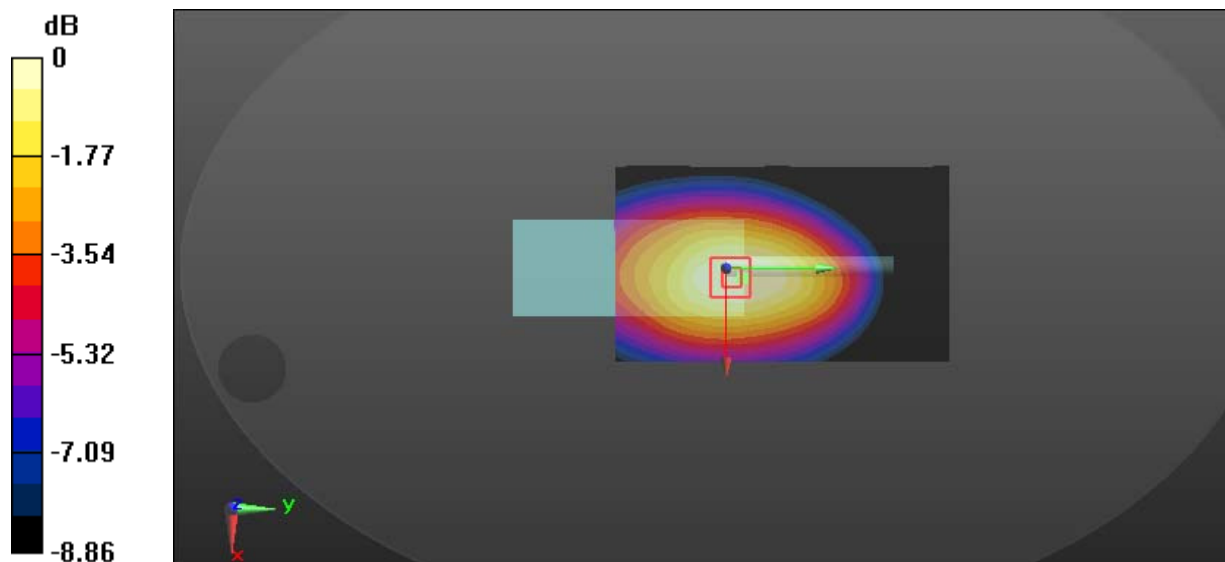
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.08 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 11.6 W/kg

**SAR(1 g) = 7.82 W/kg; SAR(10 g) = 5.7 W/kg**

Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 10.1 W/kg = 10.04 dBW/kg

**Test Plot 15#: PTT\_FM 12.5kHz\_Body Back\_452 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 452$  MHz;  $\sigma = 0.918$  S/m;  $\epsilon_r = 57.657$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 7.86 W/kg

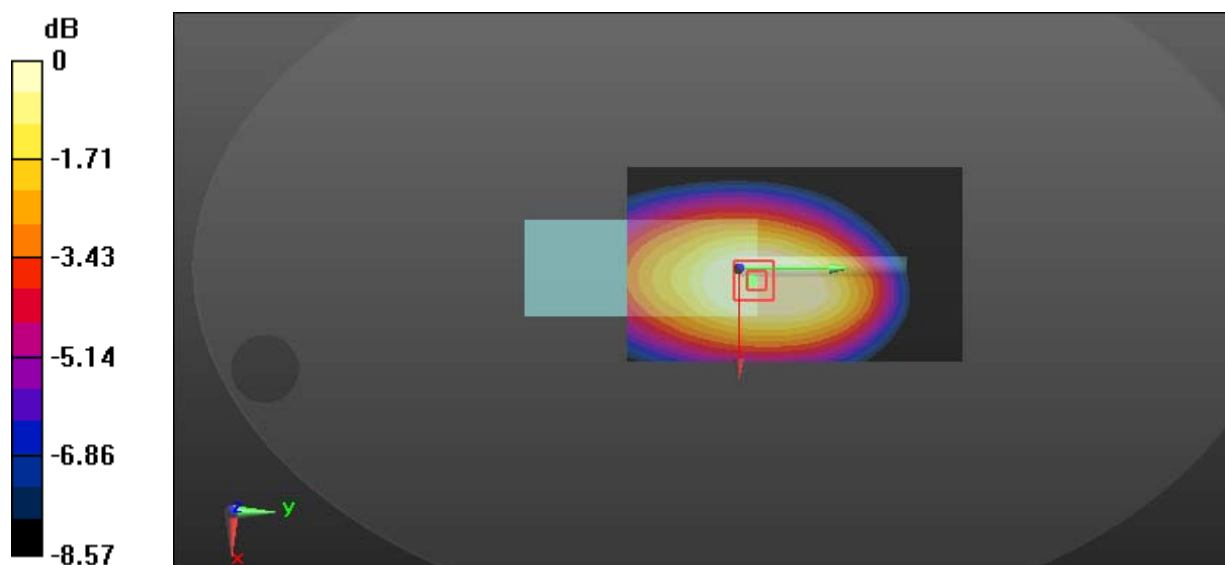
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 77.83 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 7.85 W/kg

**SAR(1 g) = 5.28 W/kg; SAR(10 g) = 3.85 W/kg**

Maximum value of SAR (measured) = 6.83 W/kg



0 dB = 6.83 W/kg = 8.34 dBW/kg

**Test Plot 16#: PTT\_FM 12.5kHz\_Body Back\_469.9875 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 57.586$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 8.55 W/kg

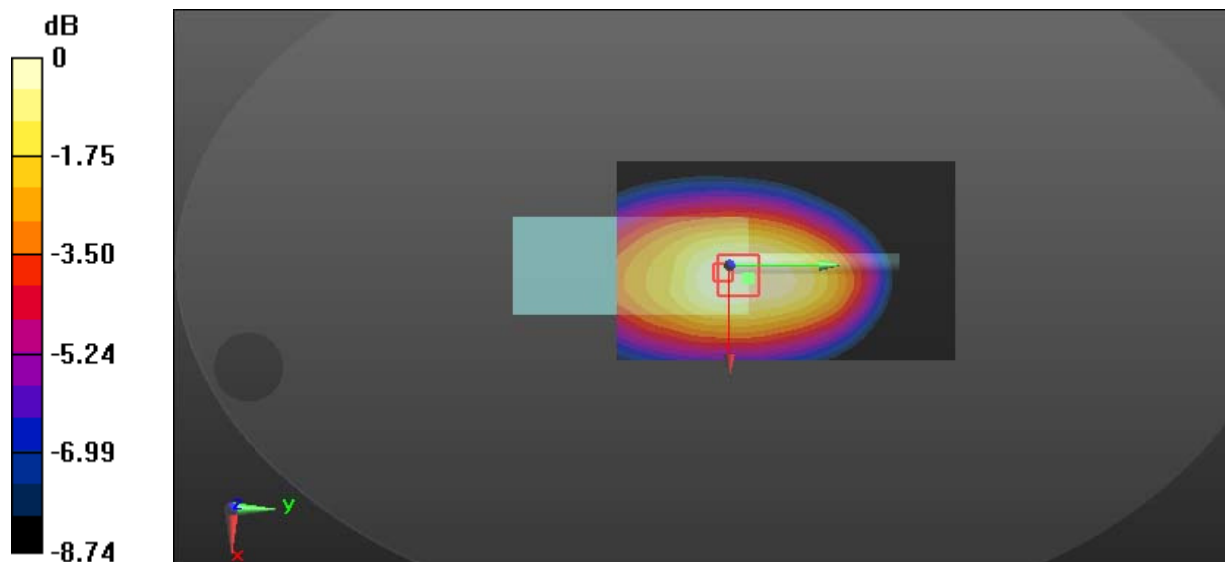
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.98 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 9.92 W/kg

**SAR(1 g) = 6.29 W/kg; SAR(10 g) = 4.61 W/kg**

Maximum value of SAR (measured) = 8.31 W/kg



0 dB = 8.31 W/kg = 9.20 dBW/kg



**Test Plot 17#: PTT\_FM 25kHz\_Body Back\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 57.964$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 10.6 W/kg

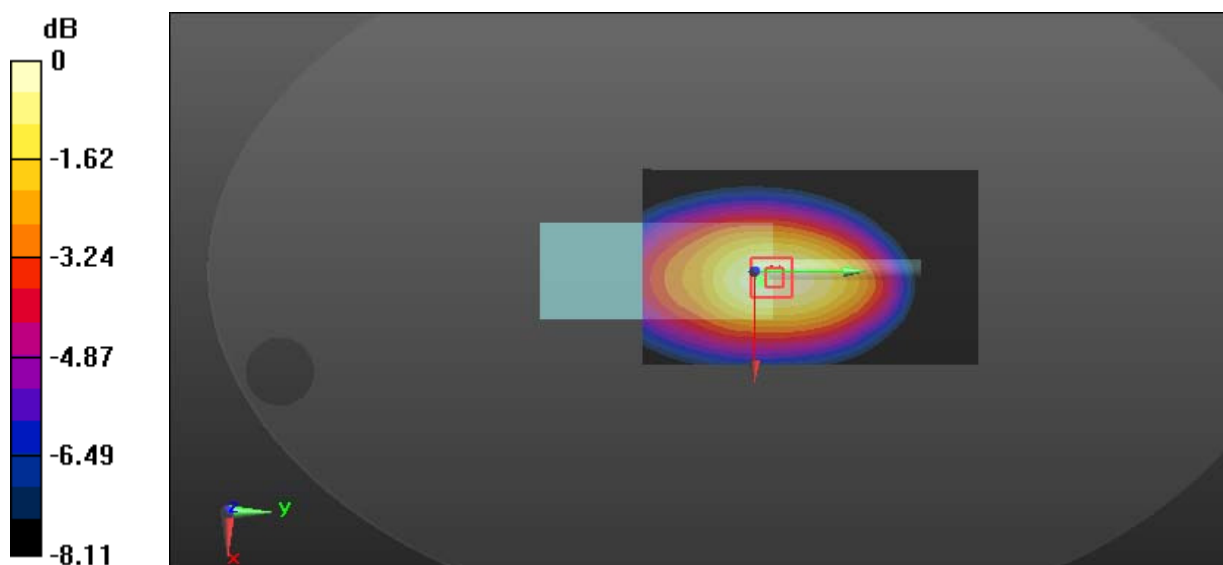
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 70.08 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 7.75 W/kg

**SAR(1 g) = 4.98 W/kg; SAR(10 g) = 3.59 W/kg**

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



0 dB = 6.58 W/kg = 8.18 dBW/kg

**Test Plot 18#: PTT\_FM 25kHz\_Body Back\_417 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 417$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 57.866$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

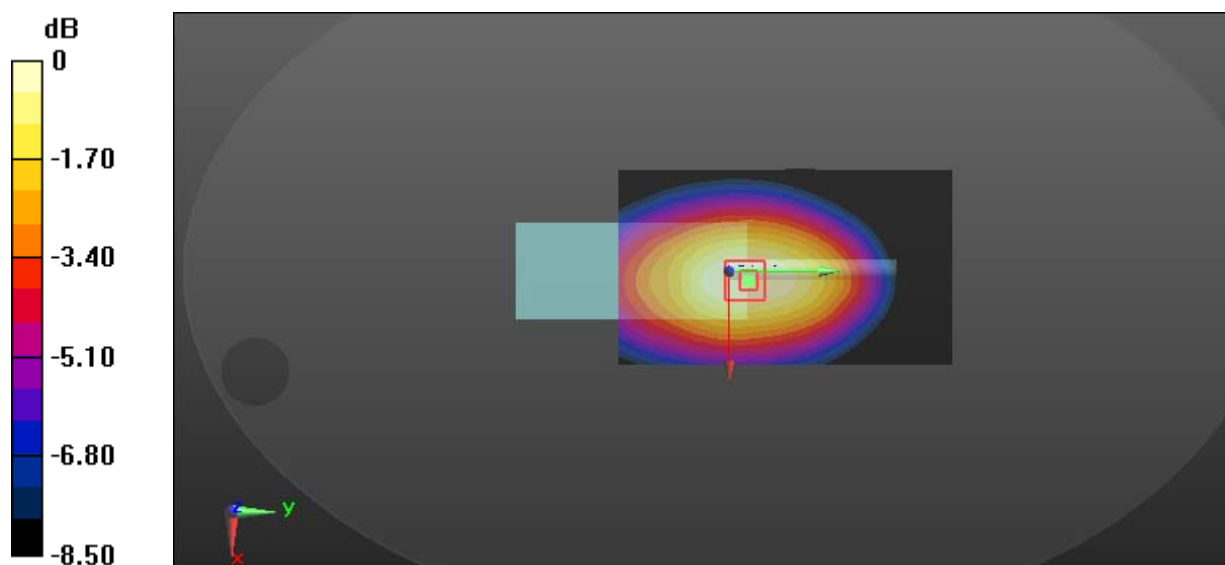
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.5 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 15.1 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.3 W/kg**

Maximum value of SAR (measured) = 13.1 W/kg



0 dB = 13.1 W/kg = 11.17 dBW/kg

**Test Plot 19#: PTT\_FM 25kHz\_Body Back\_435 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 435$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 57.759$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 10.7 W/kg

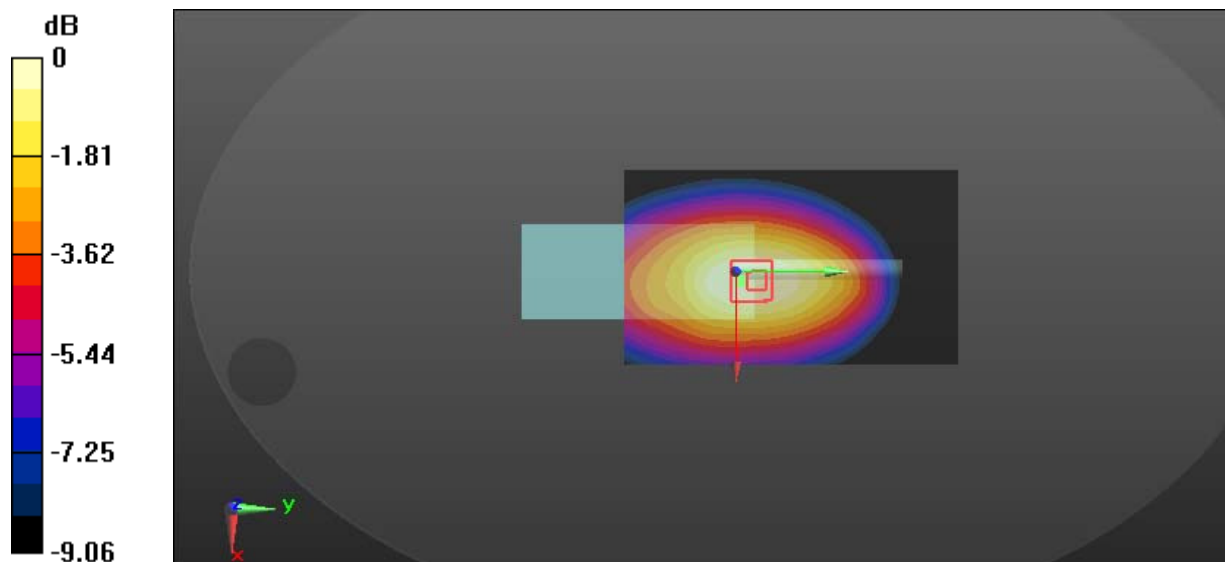
**Zoom Scan (5x7x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 91.02 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 12.4 W/kg

**SAR(1 g) = 7.87 W/kg; SAR(10 g) = 5.68 W/kg**

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



0 dB = 10.4 W/kg = 10.17 dBW/kg

**Test Plot 20#: PTT\_FM 25kHz\_Body Back\_452 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 452$  MHz;  $\sigma = 0.918$  S/m;  $\epsilon_r = 57.657$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 6.87 W/kg

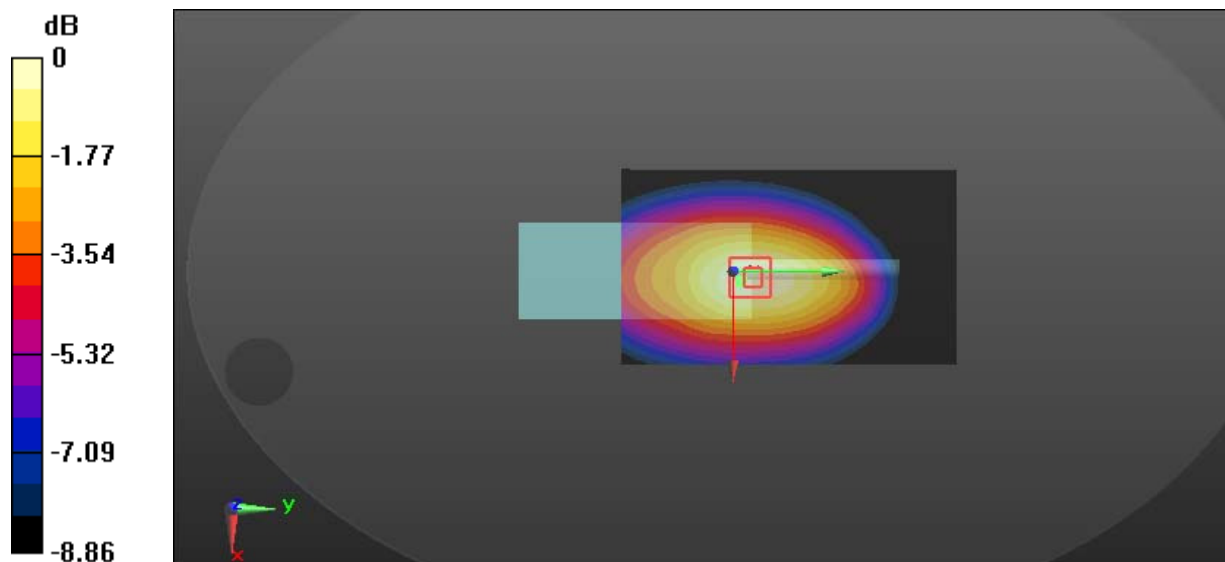
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 73.69 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 8.37 W/kg

**SAR(1 g) = 5.41 W/kg; SAR(10 g) = 3.92 W/kg**

Maximum value of SAR (measured) = 7.14 W/kg



0 dB = 7.14 W/kg = 8.54 dBW/kg

**Test Plot 21#: PTT\_FM 25kHz\_Body Back\_469.9875 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 57.586$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 9.06 W/kg

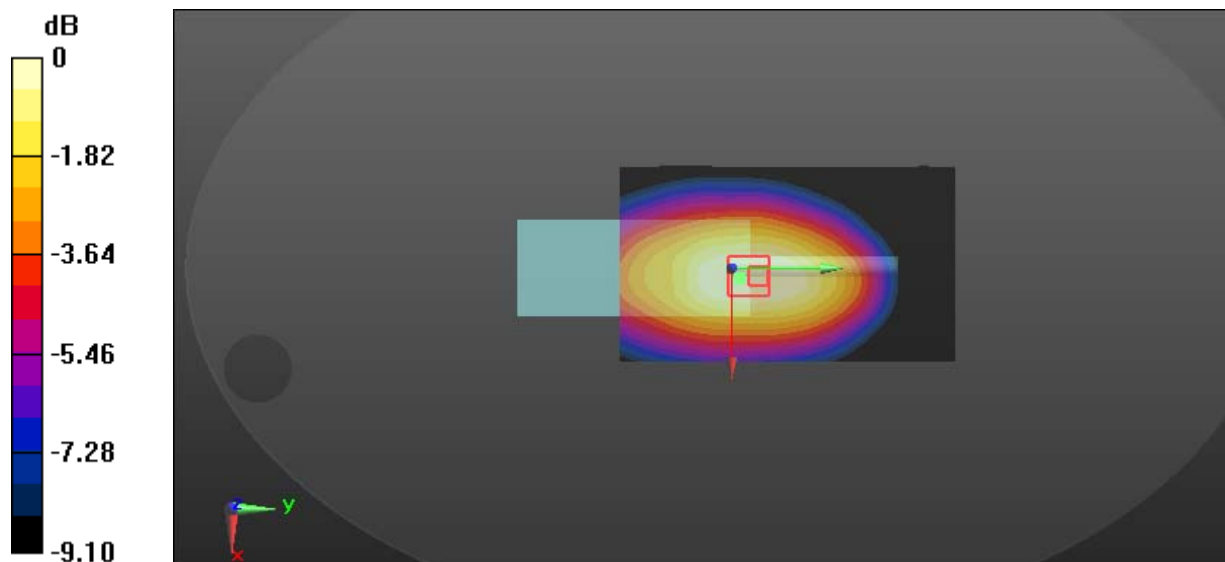
**Zoom Scan (5x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.27 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 10.2 W/kg

**SAR(1 g) = 6.29 W/kg; SAR(10 g) = 4.55 W/kg**

Maximum value of SAR (measured) = 8.49 W/kg



0 dB = 8.49 W/kg = 9.29 dBW/kg

**Test Plot 22#: PTT\_4FSK 12.5kHz\_Body Back\_417 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 417$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 57.866$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 5.35 W/kg

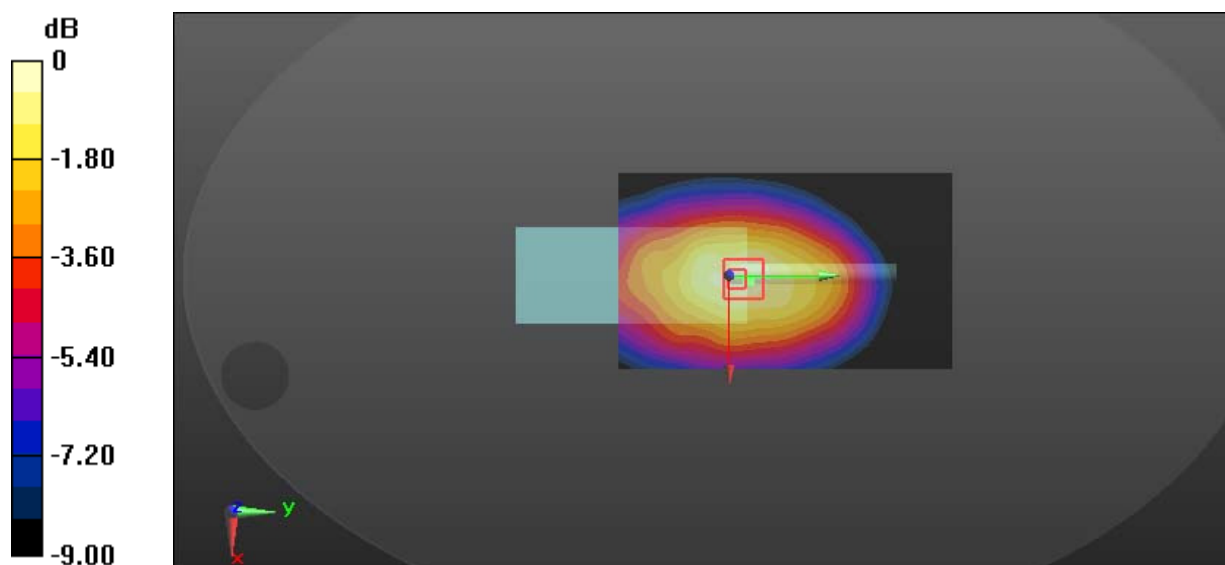
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 65.46 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 6.99 W/kg

**SAR(1 g) = 4.24 W/kg; SAR(10 g) = 3.07 W/kg**

Maximum value of SAR (measured) = 5.78 W/kg



0 dB = 5.78 W/kg = 7.62 dBW/kg

**Test Plot 23#: PTT\_FM 12.5kHz\_Face Up\_450.0125 MHz**

**DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 450.012 \text{ MHz}$ ;  $\sigma = 0.855 \text{ S/m}$ ;  $\epsilon_r = 44.532$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 6.60 W/kg

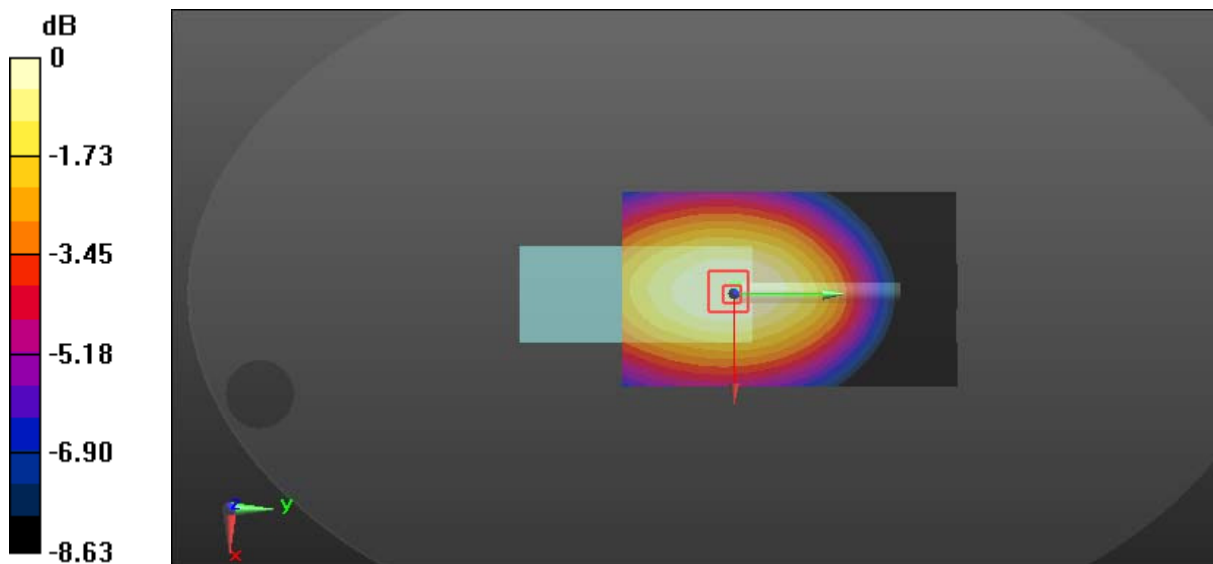
**Zoom Scan (6x7x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 94.47 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 7.19 W/kg

**SAR(1 g) = 5.12 W/kg; SAR(10 g) = 3.82 W/kg**

Maximum value of SAR (measured) = 6.41 W/kg



0 dB = 6.41 W/kg = 8.07 dBW/kg

**Test Plot 24#: PTT\_FM 12.5kHz\_Face Up\_469 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 469$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 44.164$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 6.78 W/kg

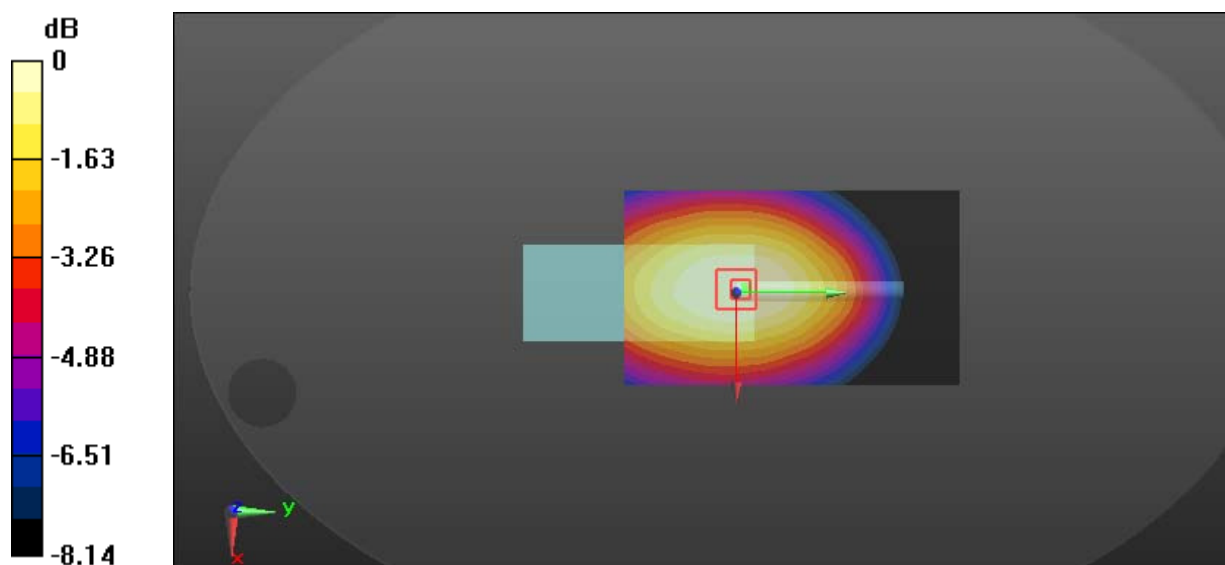
**Zoom Scan (6x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.41 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 7.13 W/kg

**SAR(1 g) = 5.22 W/kg; SAR(10 g) = 3.95 W/kg**

Maximum value of SAR (measured) = 6.43 W/kg



0 dB = 6.43 W/kg = 8.08 dBW/kg



**Test Plot 25#: PTT\_FM 12.5kHz\_Face Up\_488.5 MHz**

**DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 488.5 \text{ MHz}$ ;  $\sigma = 0.861 \text{ S/m}$ ;  $\epsilon_r = 44.067$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 8.70 W/kg

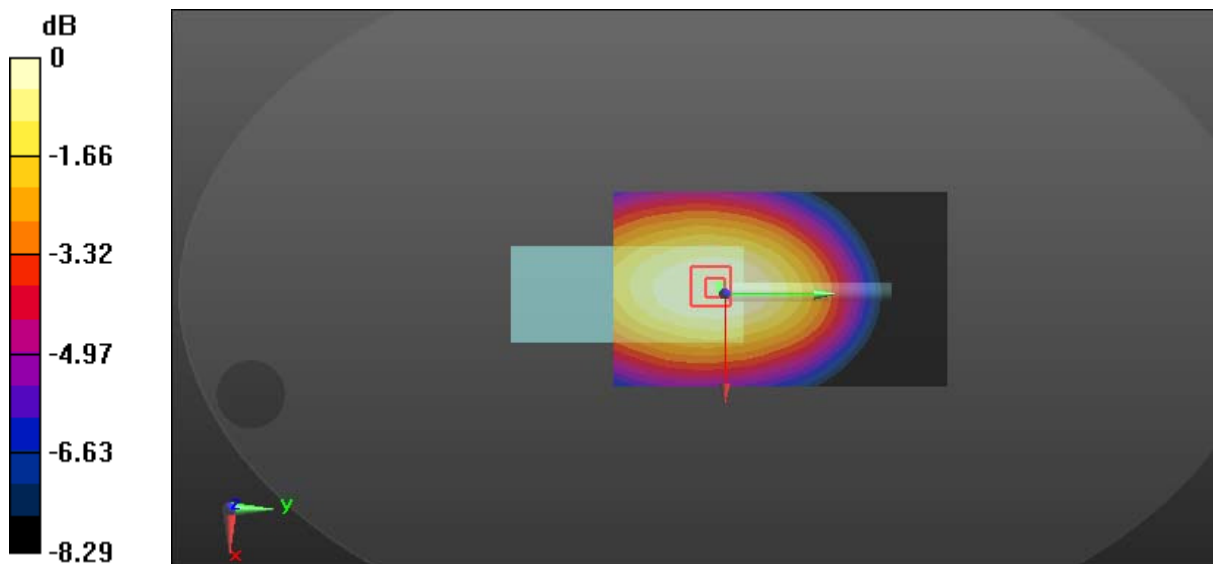
**Zoom Scan (6x7x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 91.98 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 9.45 W/kg

**SAR(1 g) = 6.89 W/kg; SAR(10 g) = 5.22 W/kg**

Maximum value of SAR (measured) = 8.48 W/kg



0 dB = 8.48 W/kg = 9.28 dBW/kg

**Test Plot 26#: PTT\_FM 12.5kHz\_Face Up\_507 MHz**

**DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 507 \text{ MHz}$ ;  $\sigma = 0.863 \text{ S/m}$ ;  $\epsilon_r = 44.024$ ;  $\rho = 1000 \text{ kg/m}^3$

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

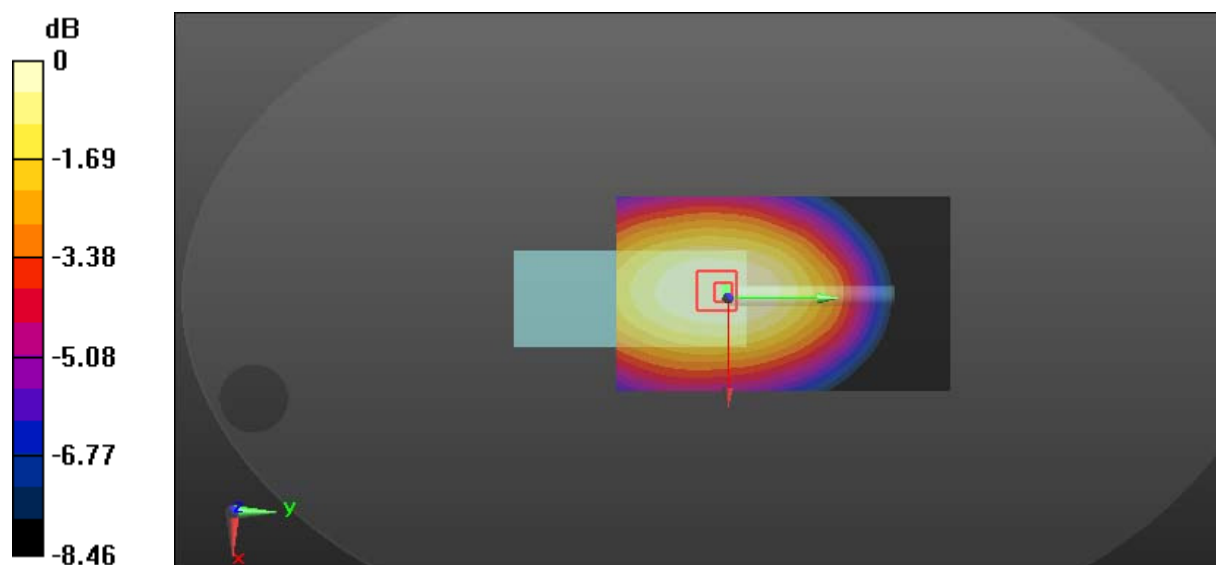
**Zoom Scan (6x7x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 91.39 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 8.38 W/kg

**SAR(1 g) = 6.18 W/kg; SAR(10 g) = 4.69 W/kg**

Maximum value of SAR (measured) = 7.58 W/kg



0 dB = 7.58 W/kg = 8.80 dBW/kg

**Test Plot 27#: PTT\_FM 12.5kHz\_Face Up\_511.9875 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 511.988 \text{ MHz}$ ;  $\sigma = 0.868 \text{ S/m}$ ;  $\epsilon_r = 43.953$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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) = 5.27 W/kg

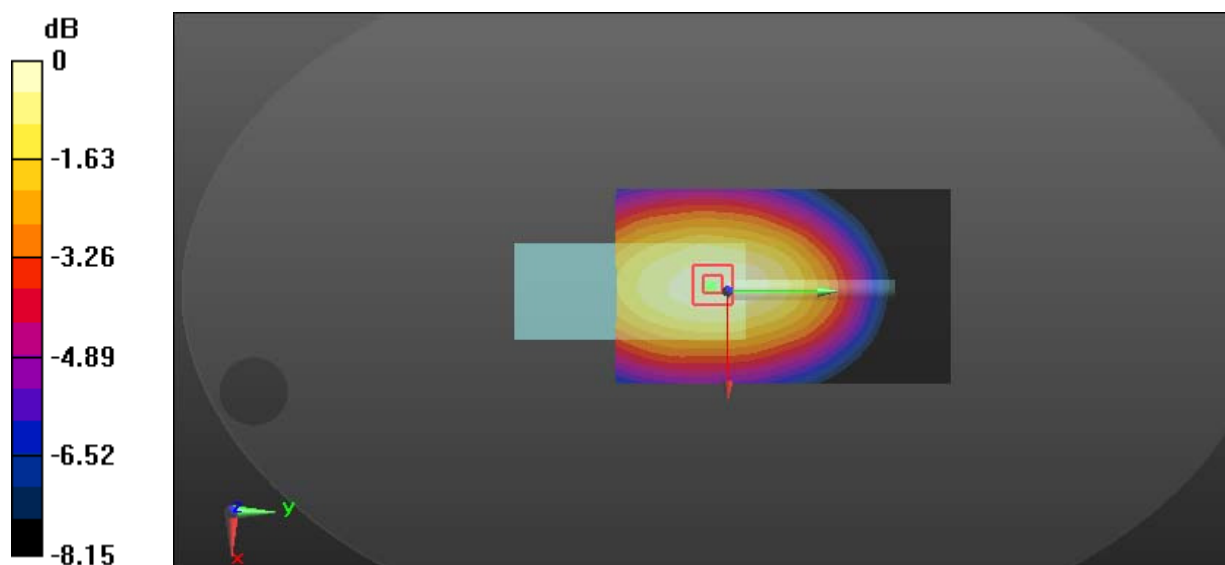
**Zoom Scan (6x7x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 67.32 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 6.13 W/kg

**SAR(1 g) = 4.42 W/kg; SAR(10 g) = 3.34 W/kg**

Maximum value of SAR (measured) = 5.51 W/kg



0 dB = 5.51 W/kg = 7.41 dBW/kg

**Test Plot 28#: PTT\_FM 25kHz\_Face Up\_488.5 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 488.5$  MHz;  $\sigma = 0.861$  S/m;  $\epsilon_r = 44.067$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 7.88 W/kg

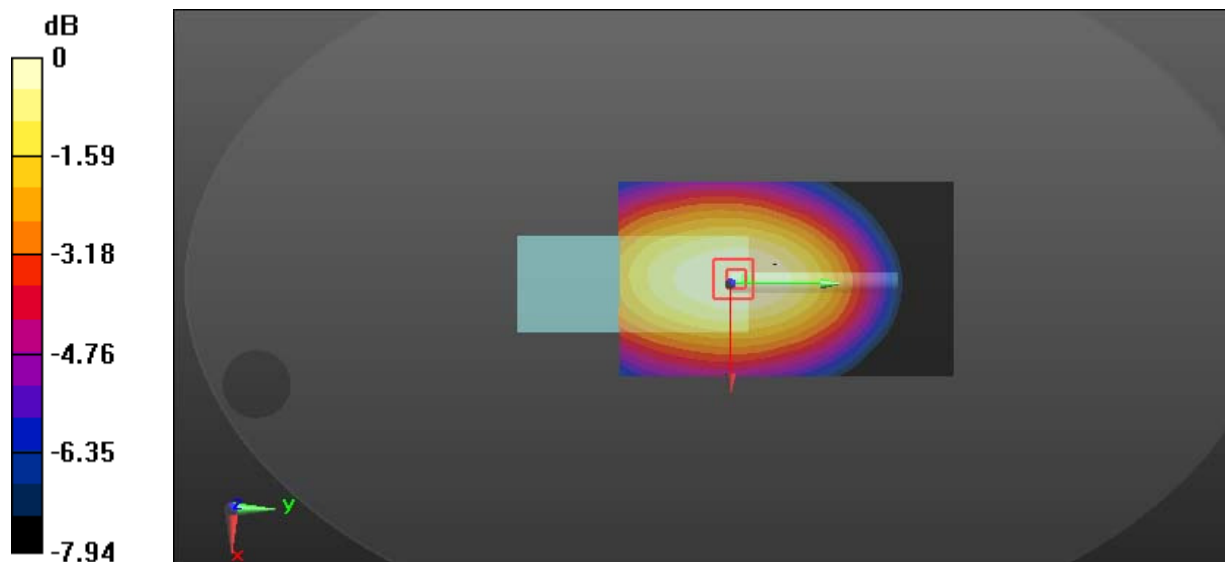
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.61 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 8.47 W/kg

**SAR(1 g) = 6.16 W/kg; SAR(10 g) = 4.66 W/kg**

Maximum value of SAR (measured) = 7.60 W/kg



0 dB = 7.60 W/kg = 8.81 dBW/kg

**Test Plot 29#: PTT\_4FSK 12.5kHz\_Face Up\_488.5 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

Communication System: 4FSK; Frequency: 488.5 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 488.5$  MHz;  $\sigma = 0.861$  S/m;  $\epsilon_r = 44.067$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 4.02 W/kg

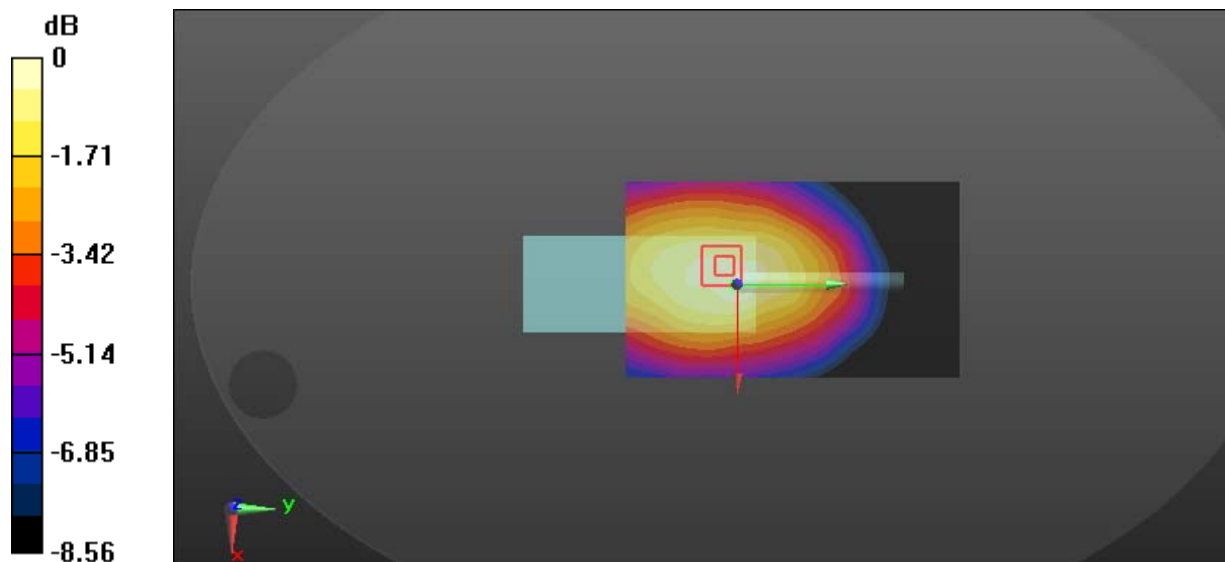
**Zoom Scan (6x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.34 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.77 W/kg

**SAR(1 g) = 3.26 W/kg; SAR(10 g) = 2.49 W/kg**

Maximum value of SAR (measured) = 4.20 W/kg



0 dB = 4.20 W/kg = 6.23 dBW/kg

**Test Plot 30#: PTT\_FM 12.5kHz\_Body Back\_450.0125 MHz**

**DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 450.012 \text{ MHz}$ ;  $\sigma = 0.918 \text{ S/m}$ ;  $\epsilon_r = 57.659$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 13.9 W/kg

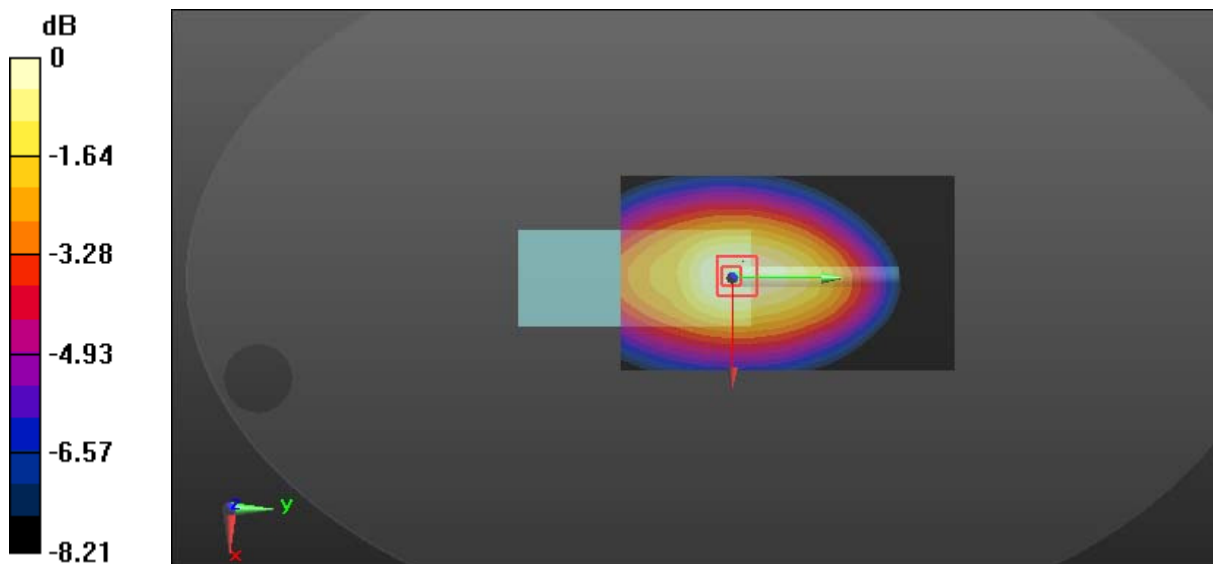
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 116.3 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 15.1 W/kg

**SAR(1 g) = 10.6 W/kg; SAR(10 g) = 7.72 W/kg**

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



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

**Test Plot 31#: PTT\_FM 12.5kHz\_Body Back\_469 MHz**

**DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 469 \text{ MHz}$ ;  $\sigma = 0.924 \text{ S/m}$ ;  $\epsilon_r = 57.587$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 14.5 W/kg

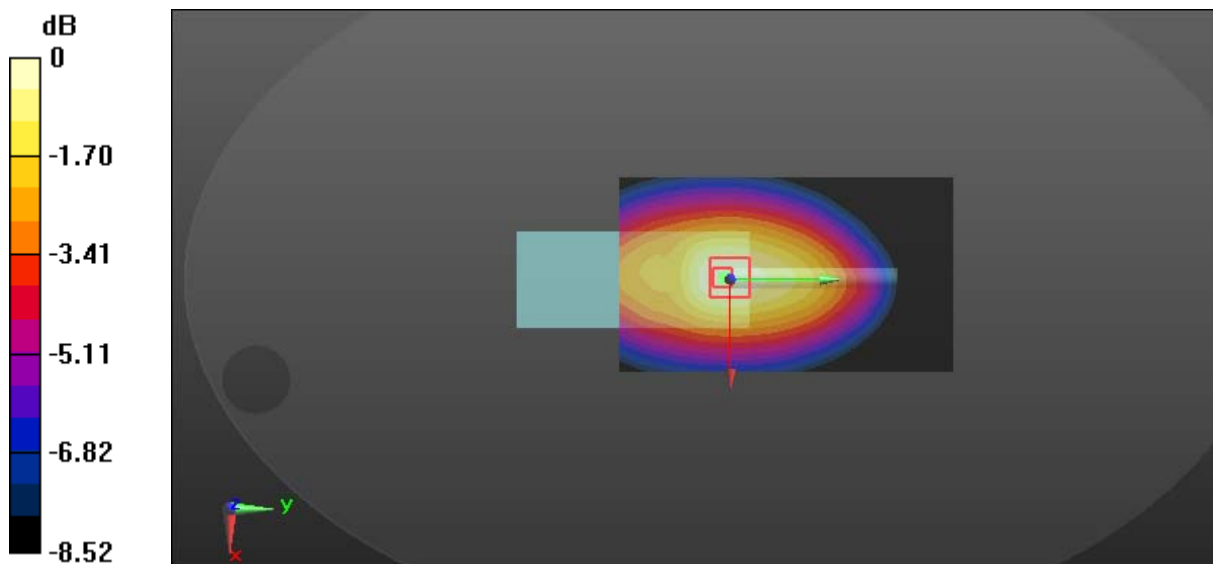
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 117.5 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 16.7 W/kg

**SAR(1 g) = 11.3 W/kg; SAR(10 g) = 8.08 W/kg**

Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg = 11.64 dBW/kg

**Test Plot 32#: PTT\_FM 12.5kHz\_Body Back\_488.5 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 488.5$  MHz;  $\sigma = 0.927$  S/m;  $\epsilon_r = 57.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

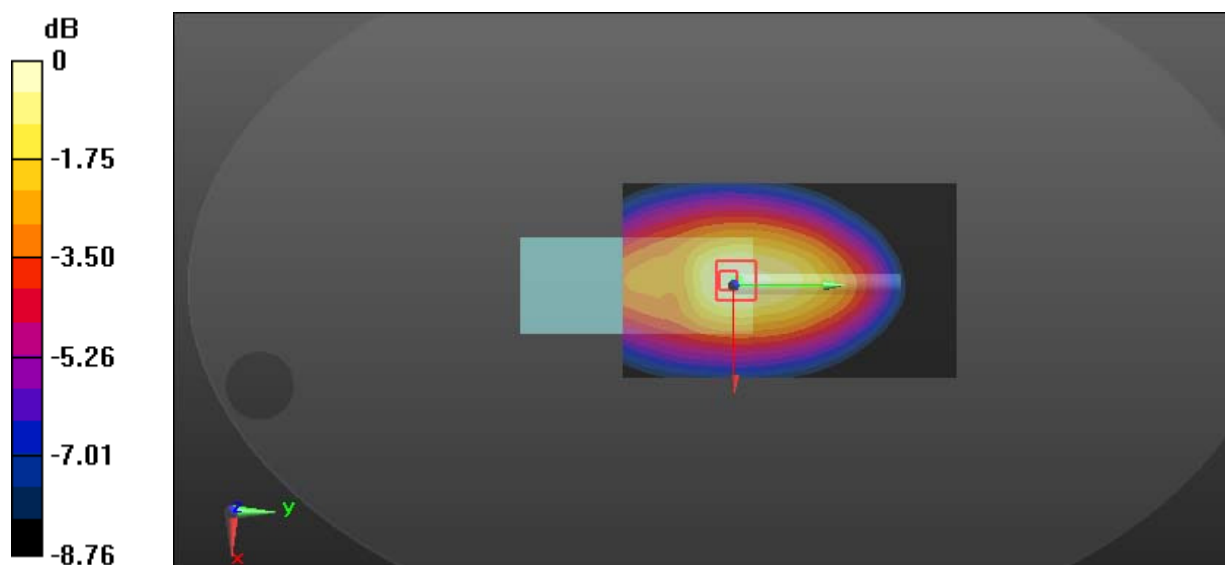
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.9 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 14.6 W/kg

**SAR(1 g) = 9.51 W/kg; SAR(10 g) = 6.71 W/kg**

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



0 dB = 12.6 W/kg = 11.00 dBW/kg



**Test Plot 33#: PTT\_FM 12.5kHz\_Body Back\_507 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 507$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 57.304$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

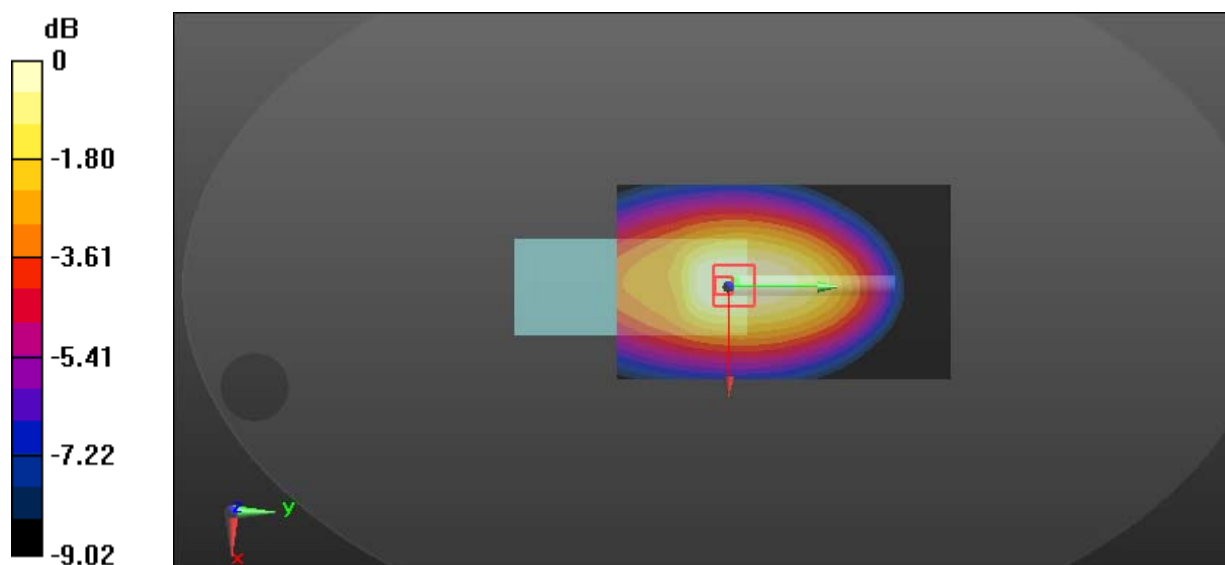
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 99.16 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 11.4 W/kg

**SAR(1 g) = 7.63 W/kg; SAR(10 g) = 5.48 W/kg**

Maximum value of SAR (measured) = 9.82 W/kg



0 dB = 9.82 W/kg = 9.92 dBW/kg

**Test Plot 34#: PTT\_FM 12.5kHz\_Body Back\_511.9875 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 511.988$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 57.094$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 9.34 W/kg

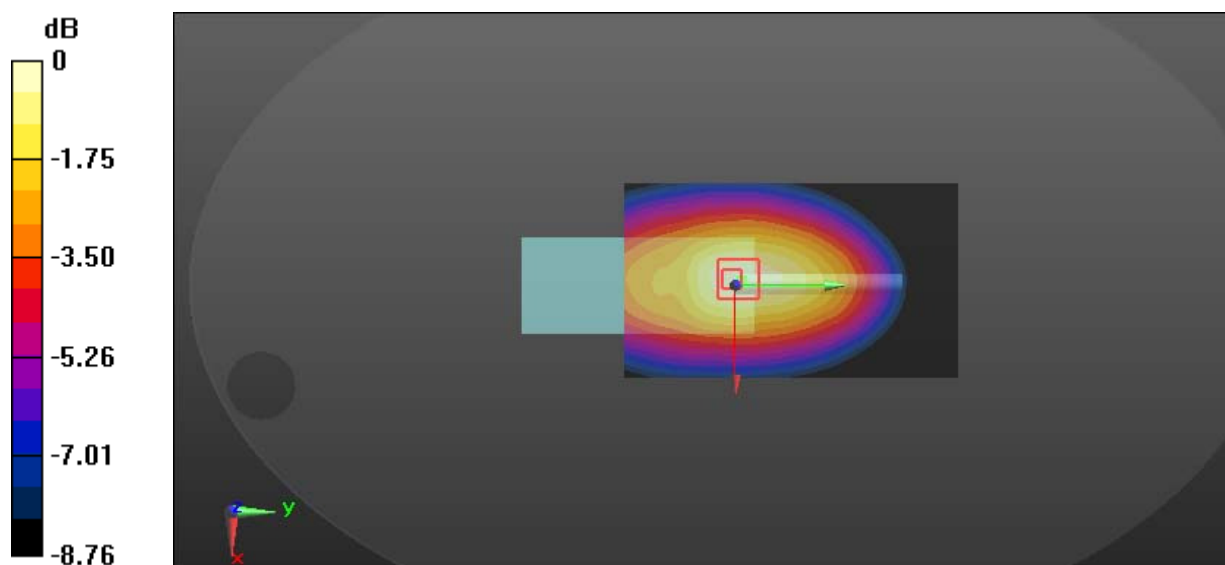
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.64 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 11.2 W/kg

**SAR(1 g) = 7.43 W/kg; SAR(10 g) = 5.33 W/kg**

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



0 dB = 9.74 W/kg = 9.89 dBW/kg

**Test Plot 35#: PTT\_FM 25kHz\_Body Back\_450.0125 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.918$  S/m;  $\epsilon_r = 57.659$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 13.4 W/kg

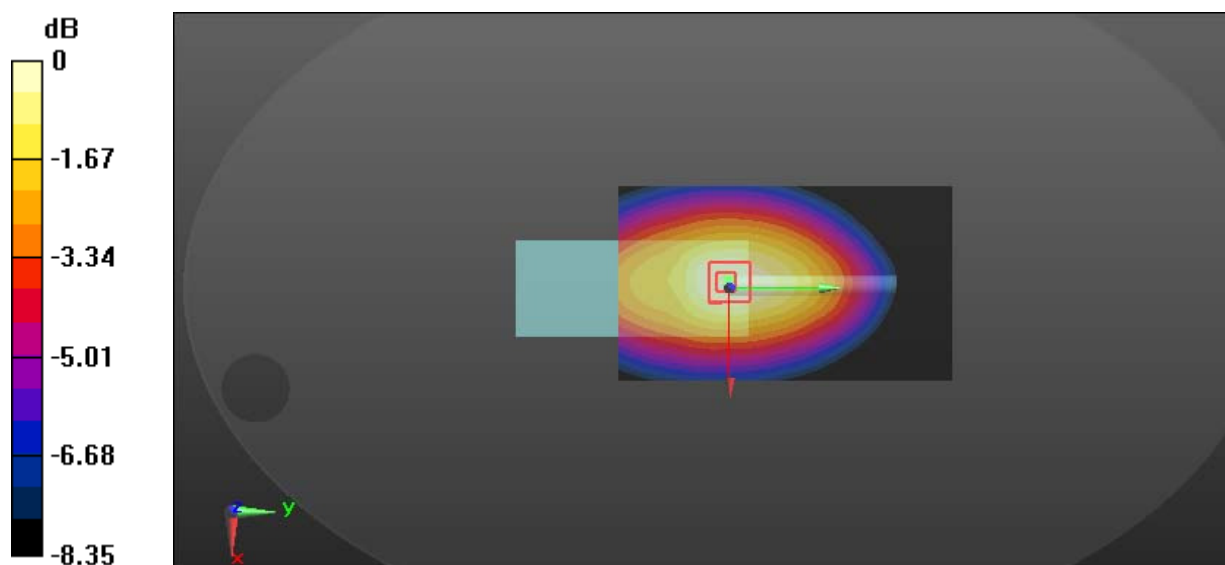
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.6 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 15.0 W/kg

**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 7.31 W/kg**

Maximum value of SAR (measured) = 13.1 W/kg



0 dB = 13.1 W/kg = 11.17 dBW/kg

**Test Plot 36#: PTT\_FM 25kHz\_Body Back\_469 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 469$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 57.587$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 14.6 W/kg

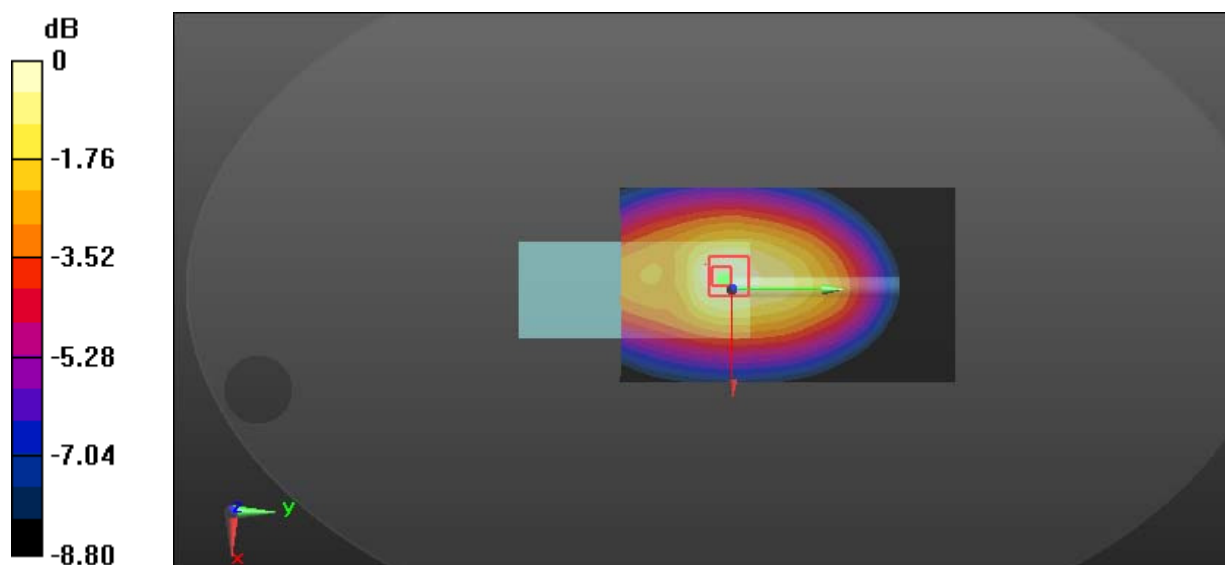
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 114.3 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 17.6 W/kg

**SAR(1 g) = 11.2 W/kg; SAR(10 g) = 7.84 W/kg**

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



0 dB = 14.7 W/kg = 11.67 dBW/kg

**Test Plot 37#: PTT\_FM 25kHz\_Body Back\_488.5 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 488.5$  MHz;  $\sigma = 0.927$  S/m;  $\epsilon_r = 57.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 13.1 W/kg

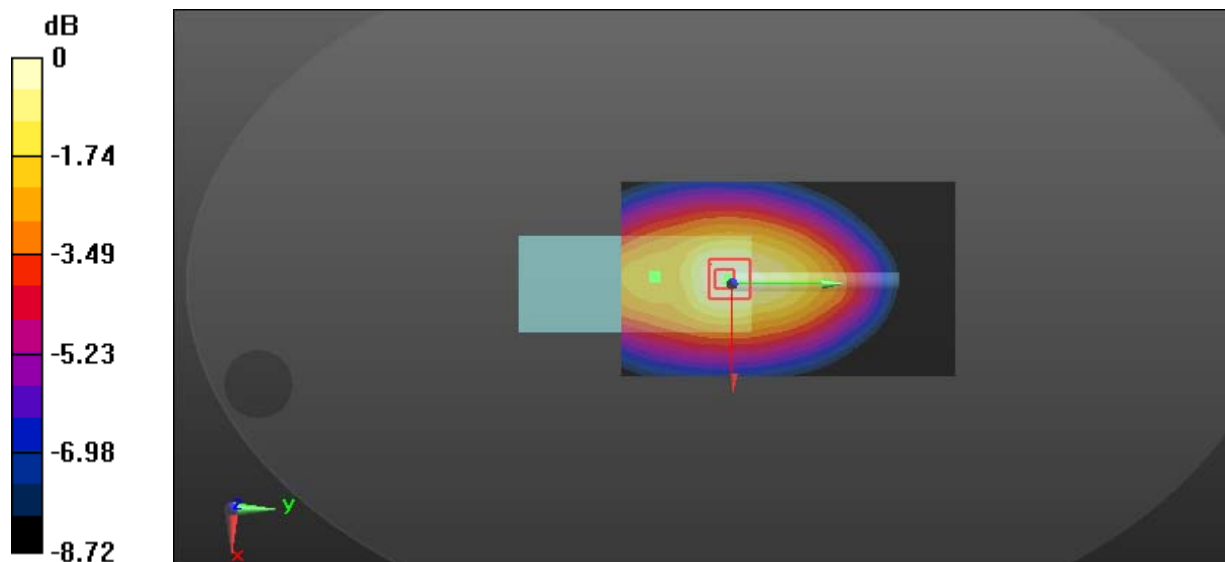
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.5 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 15.7 W/kg

**SAR(1 g) = 10 W/kg; SAR(10 g) = 7.08 W/kg**

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



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

**Test Plot 38#: PTT\_FM 25kHz\_Body Back\_507 MHz**

**DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 507 \text{ MHz}$ ;  $\sigma = 0.932 \text{ S/m}$ ;  $\epsilon_r = 57.304$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 12.5 W/kg

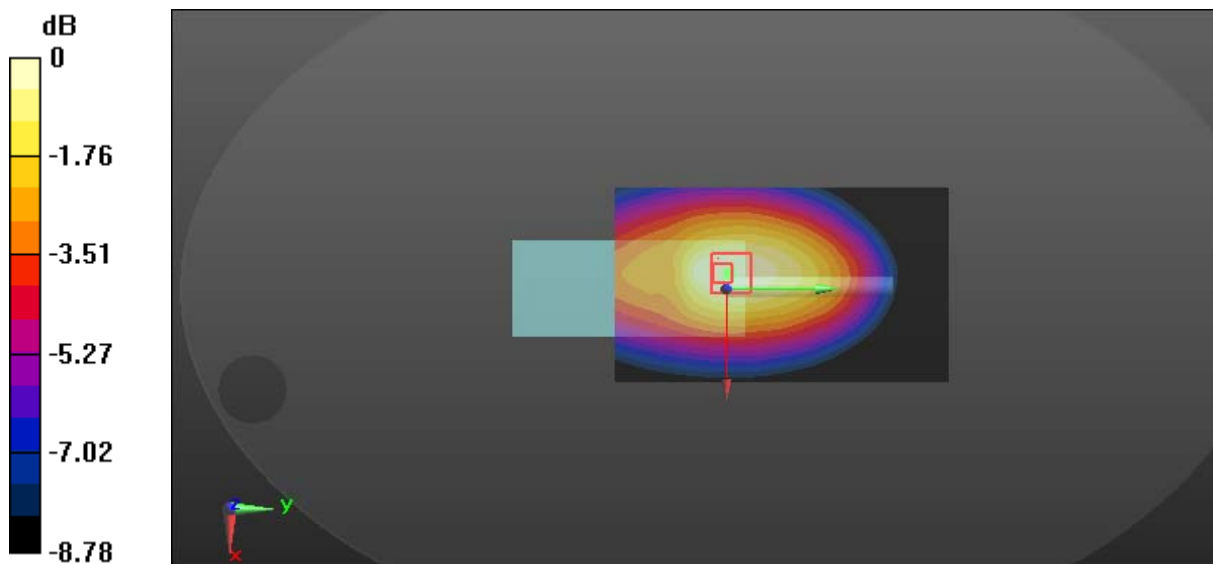
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 104.3 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 14.0 W/kg

**SAR(1 g) = 9.28 W/kg; SAR(10 g) = 6.62 W/kg**

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



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

**Test Plot 39#: PTT\_FM 25kHz\_Body Back\_511.9875 MHz****DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

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

Medium parameters used:  $f = 511.988$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 57.094$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 9.83 W/kg

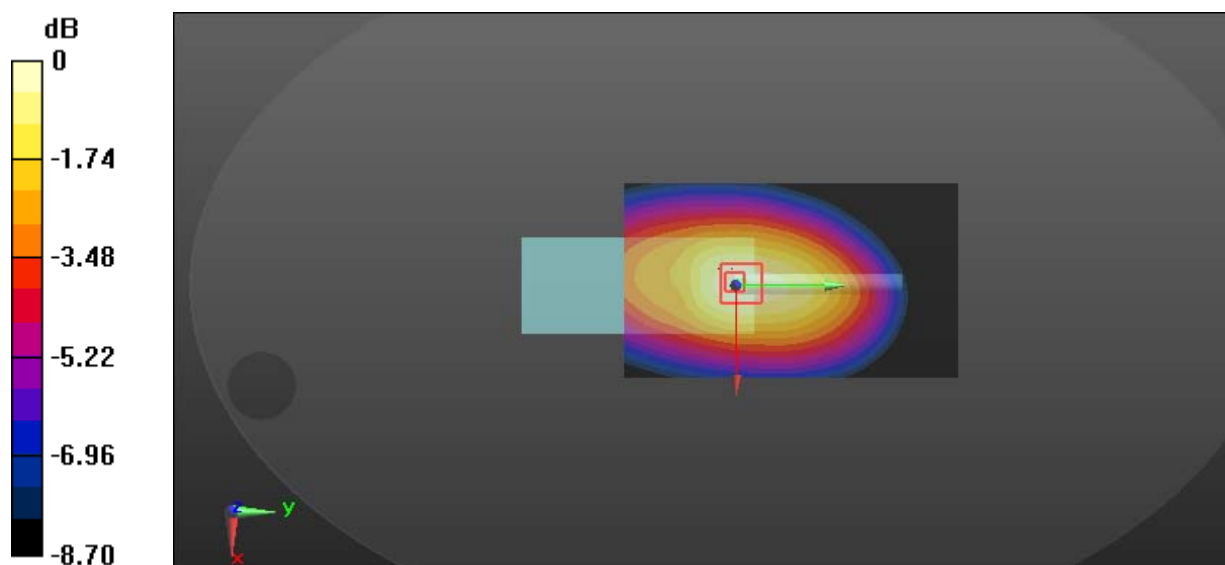
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.26 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 11.5 W/kg

**SAR(1 g) = 7.66 W/kg; SAR(10 g) = 5.51 W/kg**

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



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

**Test Plot 40#: PTT\_4FSK 12.5kHz\_Body Back\_469 MHz**

**DUT: Digital Portable Radio; Type: PD602i Um; Serial: 17120700920**

Communication System: 4FSK; Frequency: 469 MHz; Duty Cycle: 1:2  
 Medium parameters used:  $f = 469 \text{ MHz}$ ;  $\sigma = 0.924 \text{ S/m}$ ;  $\epsilon_r = 57.587$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

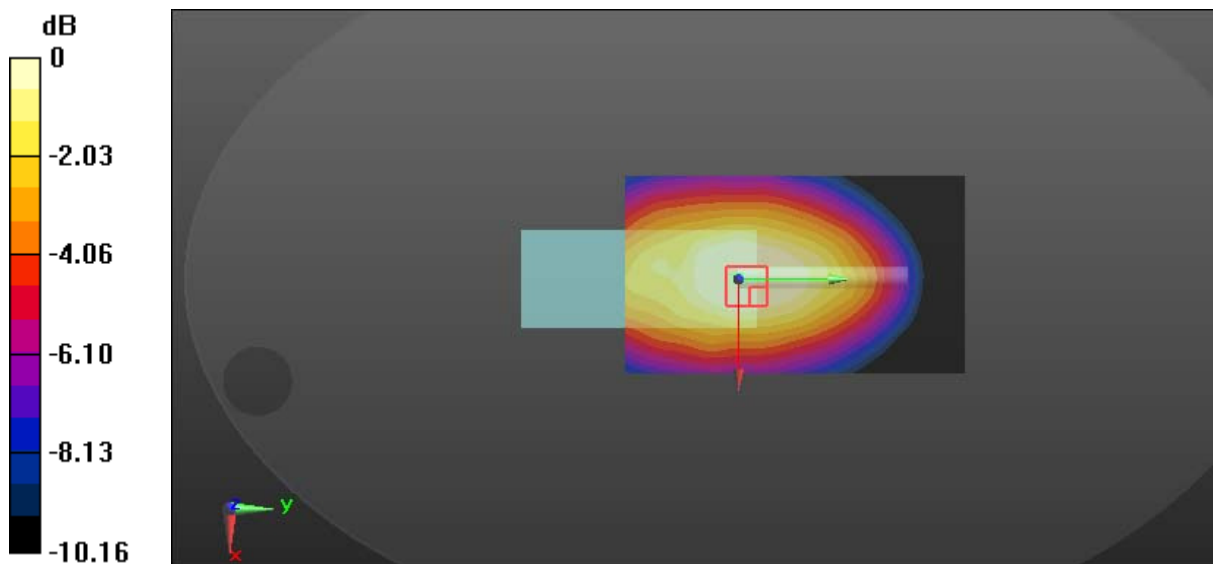
DASY5 Configuration:

- 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) =  $5.97 \text{ W/kg}$

**Zoom Scan (7x8x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $71.75 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$   
 Peak SAR (extrapolated) =  $12.1 \text{ W/kg}$

**SAR(1 g) =  $5.58 \text{ W/kg}$ ; SAR(10 g) =  $3.21 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $5.00 \text{ W/kg}$



0 dB =  $5.00 \text{ W/kg}$  =  $6.99 \text{ dBW/kg}$