

**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:  $f = 375$  MHz;  $\sigma = 0.842$  S/m;  $\epsilon_r = 45.332$ ;  $\rho = 1000$  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) = 5.81 W/kg

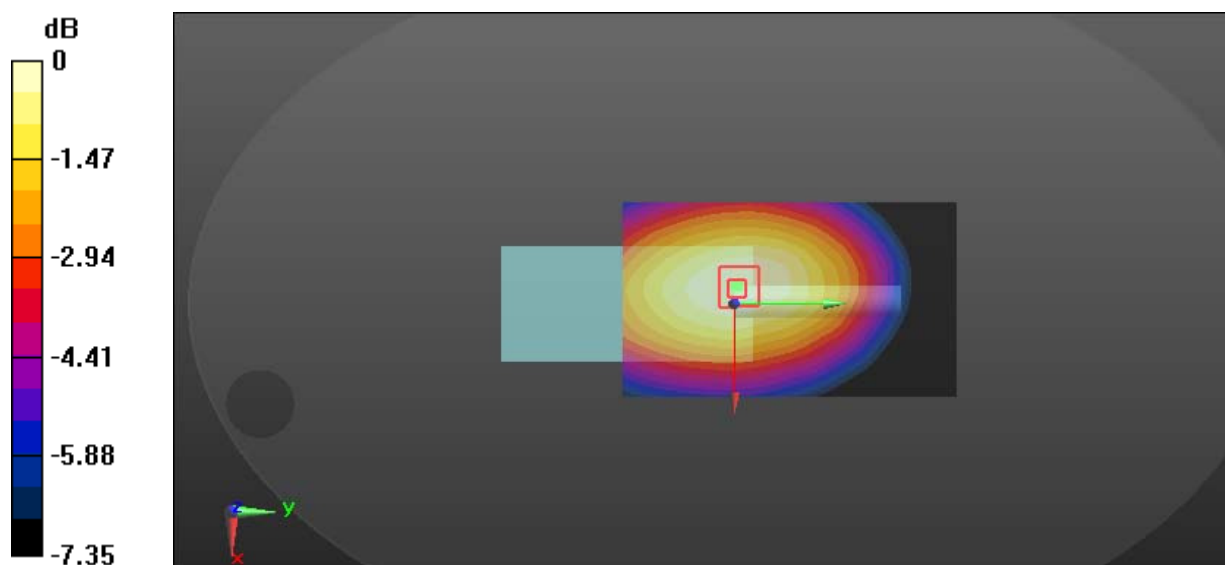
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 dB = 5.76 W/kg = 7.60 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

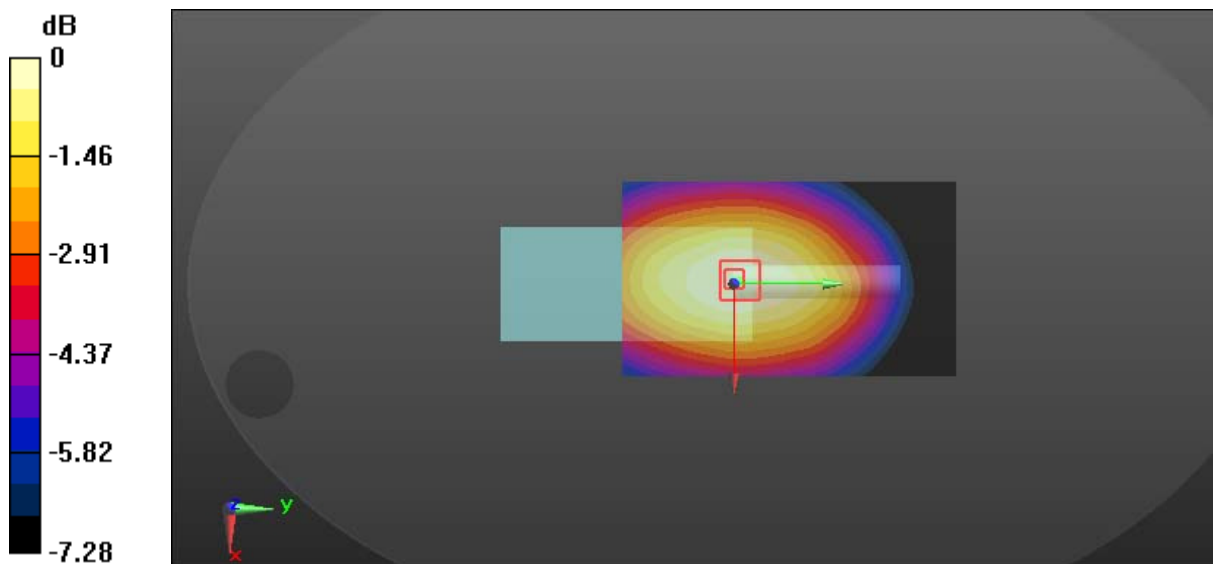
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

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 dB = 5.79 W/kg = 7.63 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

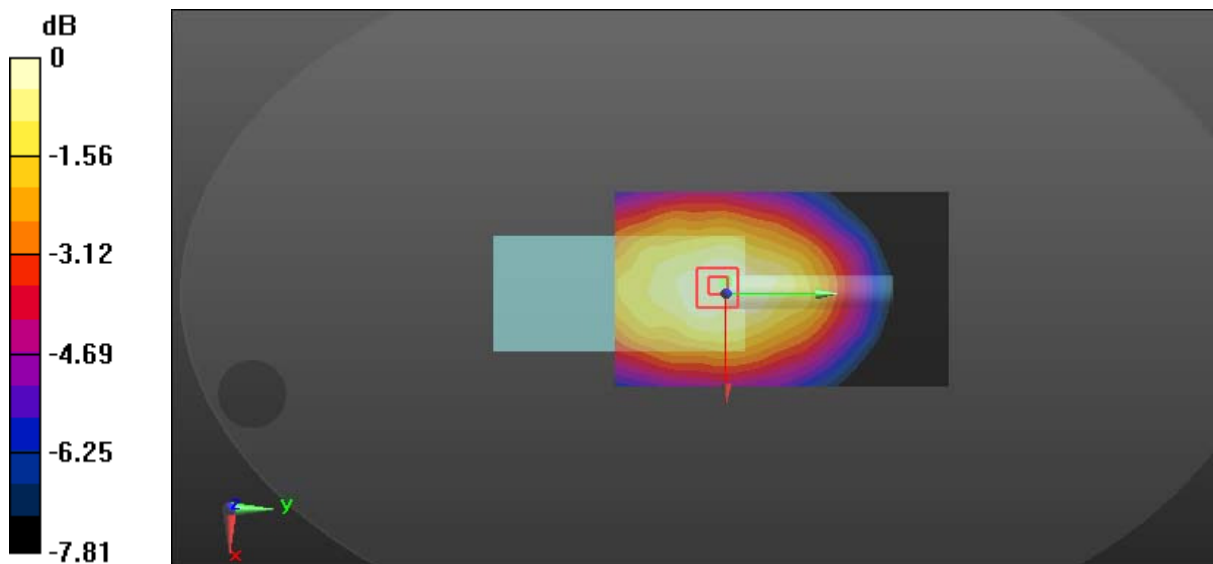
DASY5 Configuration:

- 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) =  $3.17 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $55.27 \text{ V/m}$ ; Power Drift =  $-0.18 \text{ dB}$   
 Peak SAR (extrapolated) =  $3.81 \text{ W/kg}$

**SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.84 W/kg**  
 Maximum value of SAR (measured) =  $3.23 \text{ W/kg}$



0 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

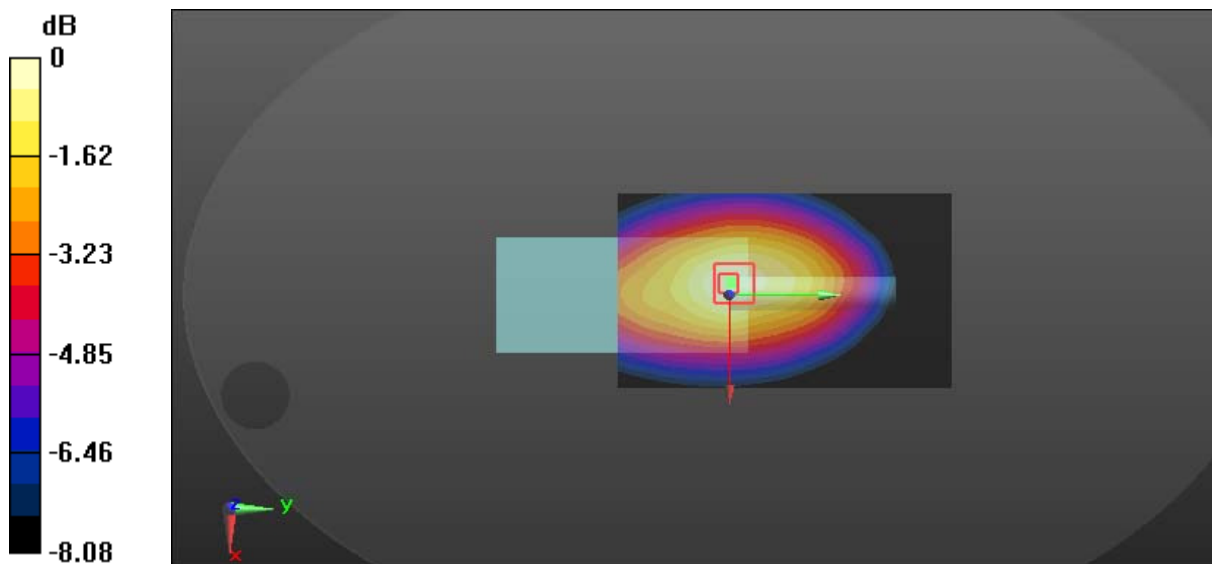
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

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 dB = 8.20 W/kg = 9.14 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/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) = 9.16 W/kg

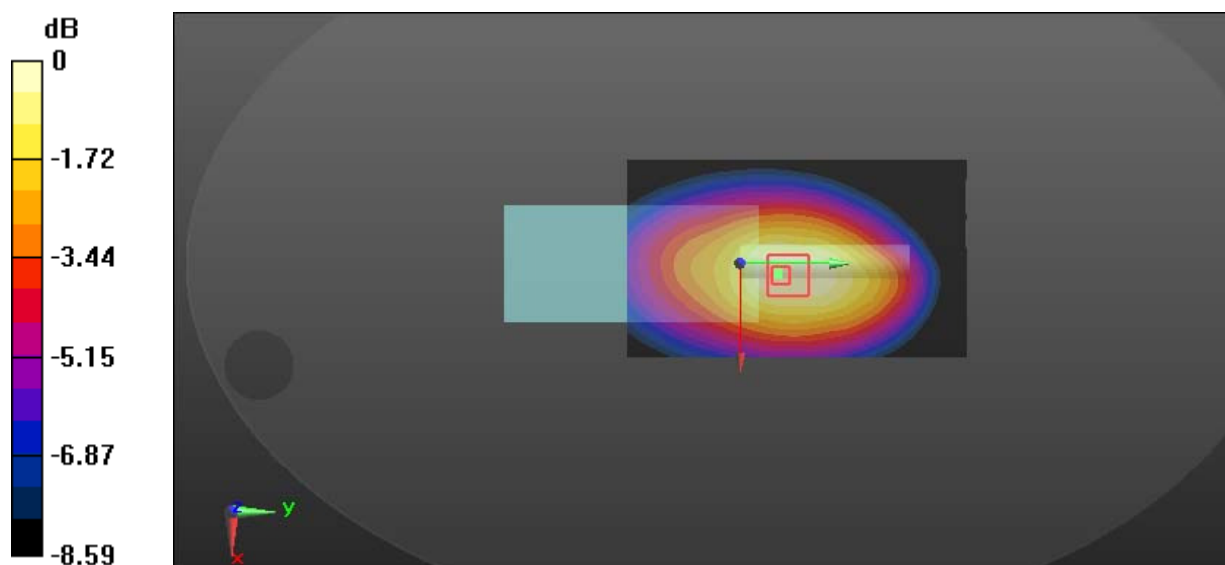
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/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) = 9.27 W/kg

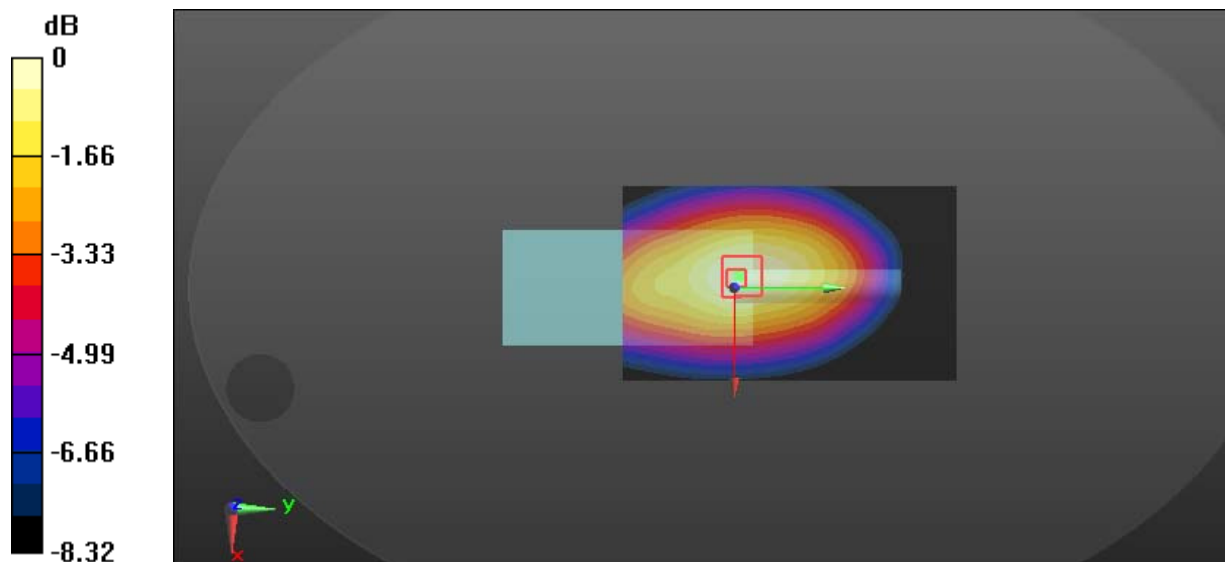
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/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) = 8.23 W/kg

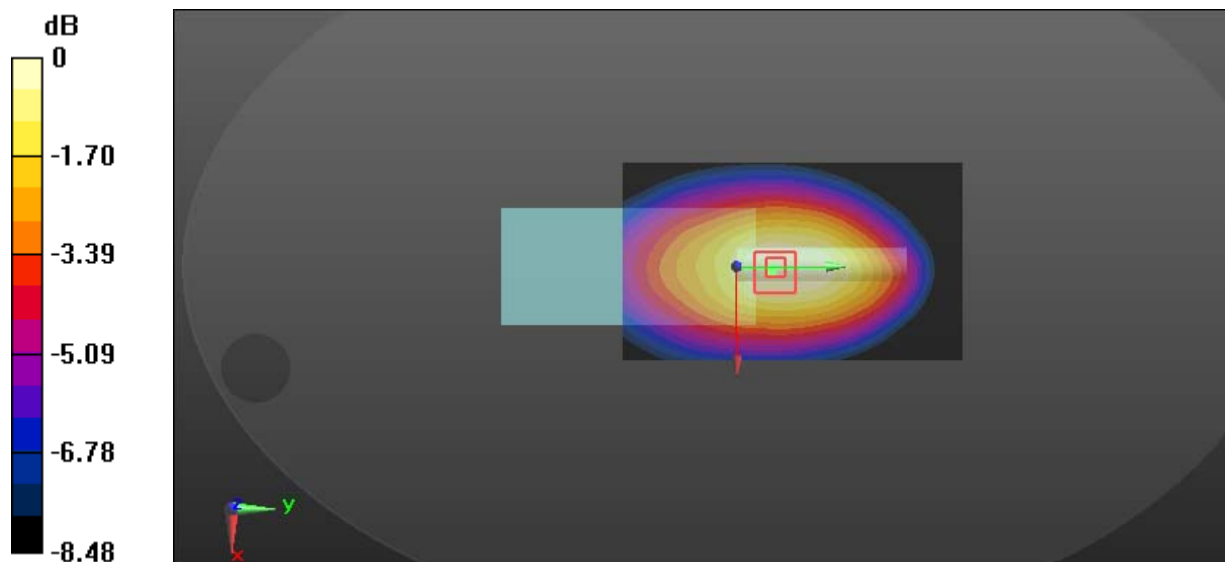
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

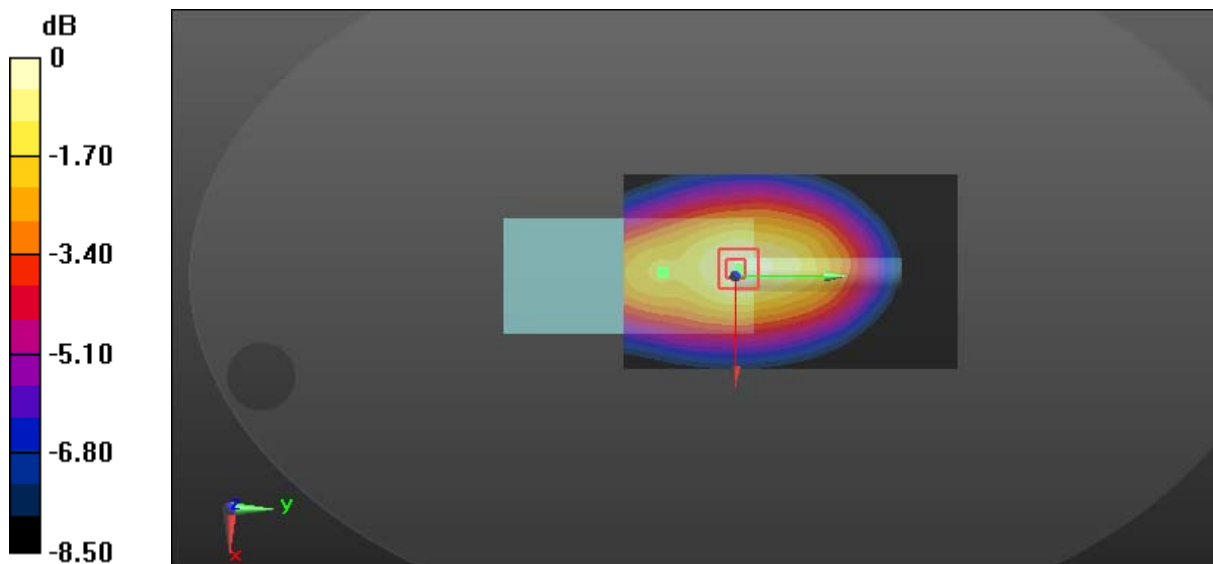
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

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 dB = 4.64 W/kg = 6.67 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/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) = 7.65 W/kg

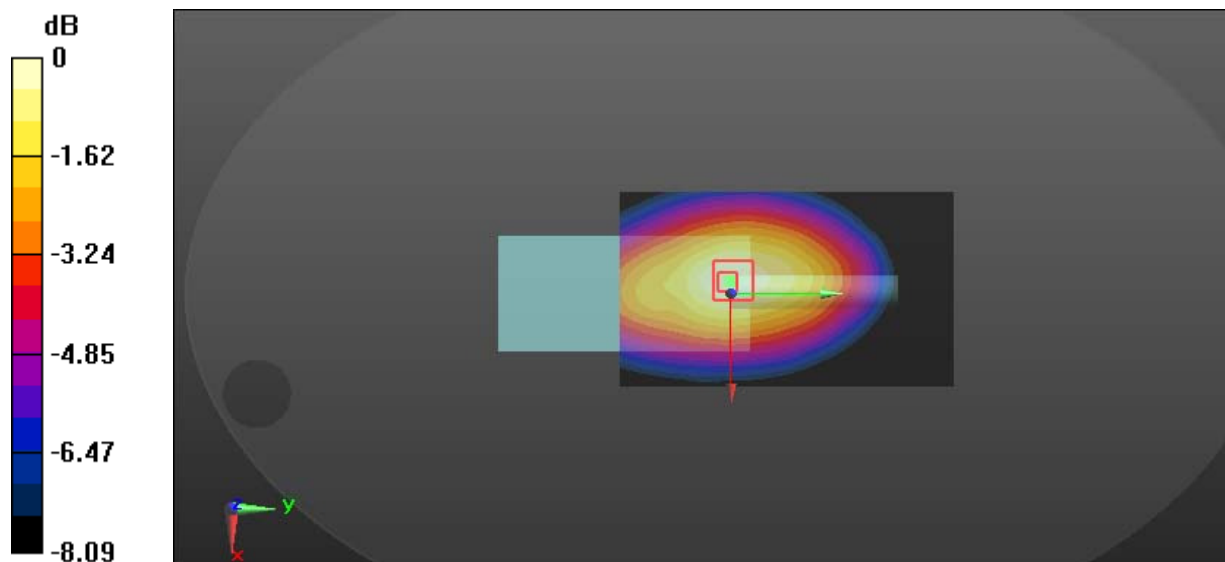
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 362.5 \text{ MHz}$ ;  $\sigma = 0.916 \text{ S/m}$ ;  $\epsilon_r = 55.967$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 8.62 W/kg

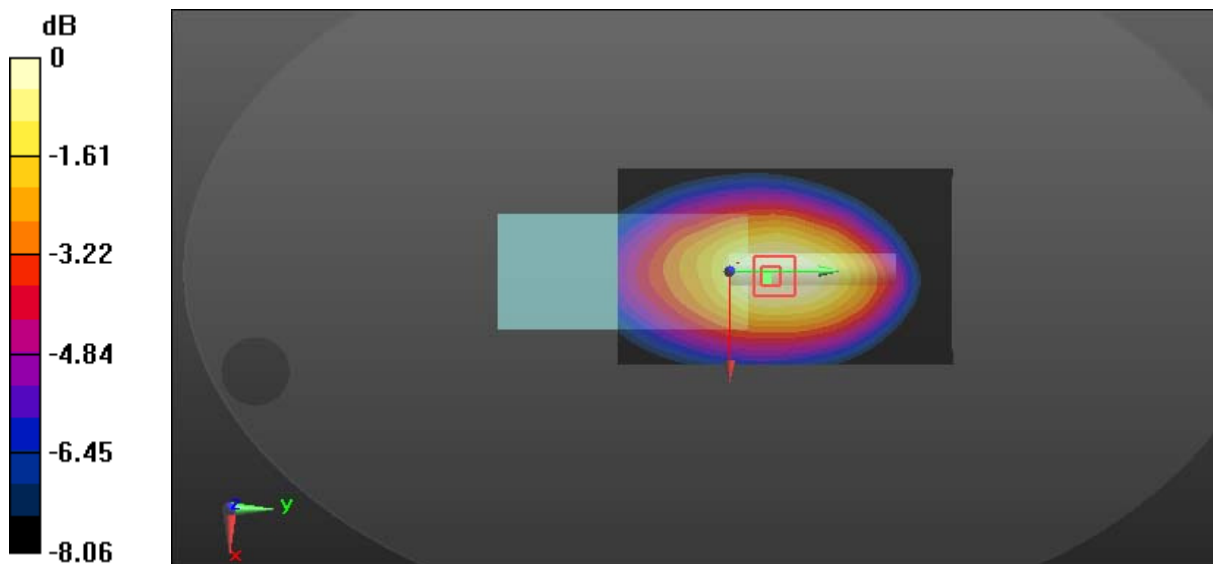
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

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:  $f = 375$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 58.057$ ;  $\rho = 1000$  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) = 8.98 W/kg

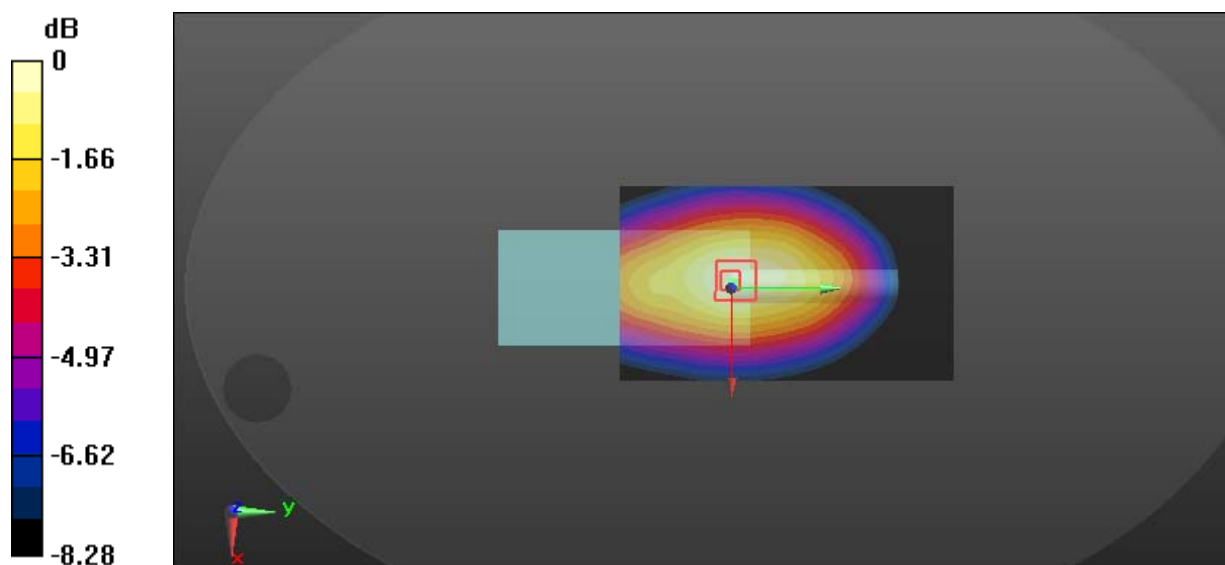
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 dB = 8.86 W/kg = 9.47 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/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) = 7.69 W/kg

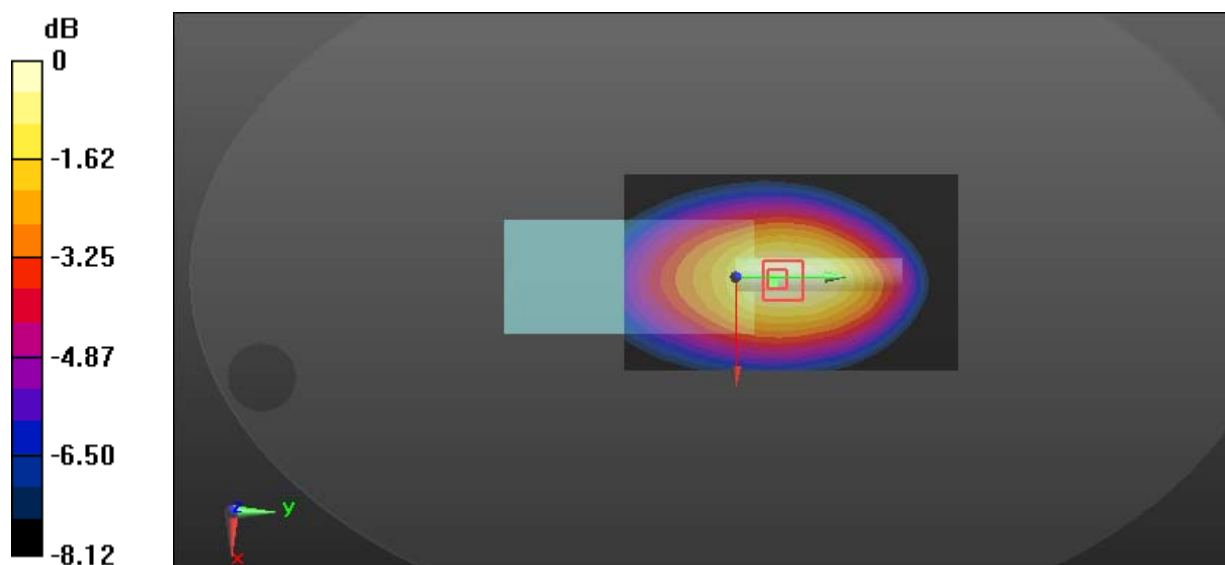
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 399.988$  MHz;  $\sigma = 0.926$  S/m;  $\epsilon_r = 57.112$ ;  $\rho = 1000$  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) = 4.57 W/kg

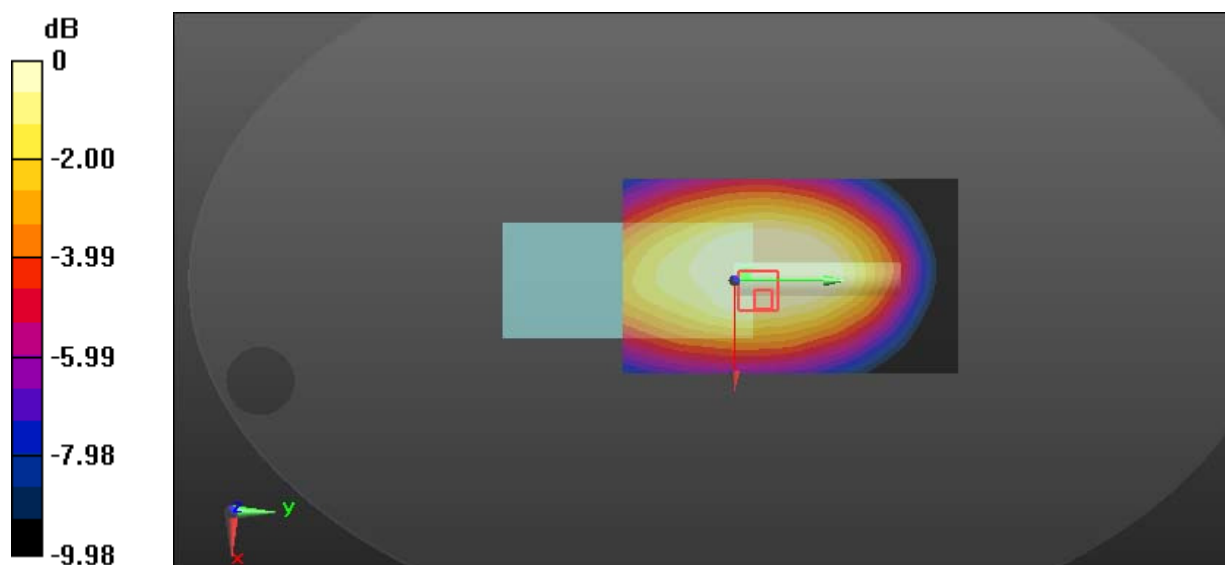
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 dB = 4.37 W/kg = 6.40 dBW/kg

**Test Plot 14#: PTT\_4FSK 12.5kHz\_Body Back\_375MHz****DUT: Digital Portable Radio; Type: PD982i Ux; Serial: 17120701520**

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

Medium parameters used:  $f = 375$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 58.057$ ;  $\rho = 1000$  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) = 4.44 W/kg

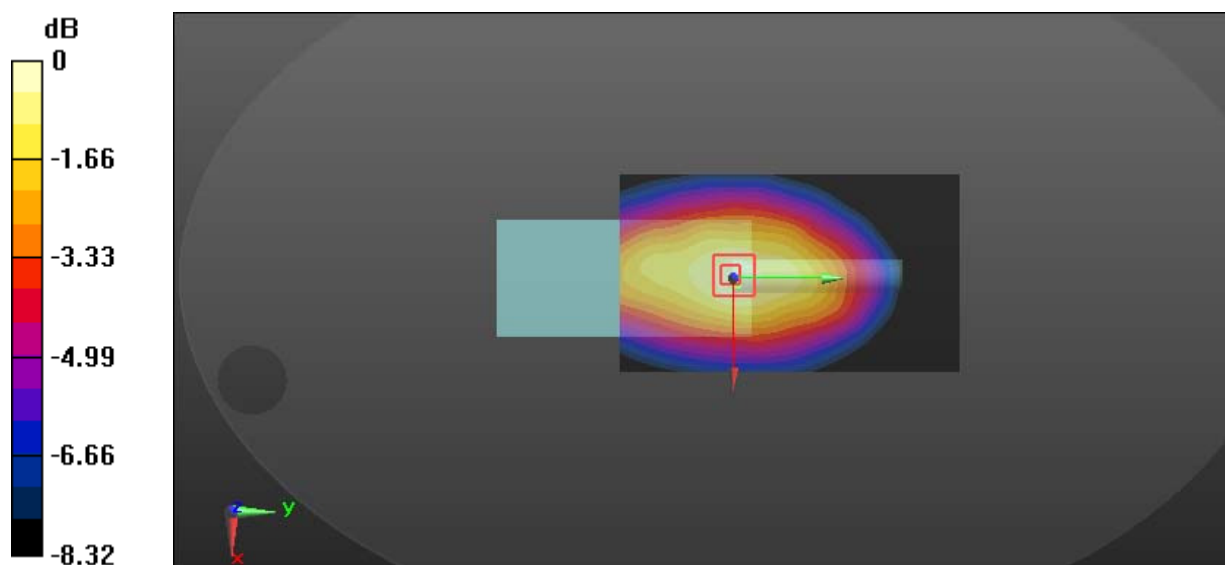
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 dB = 4.47 W/kg = 6.50 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:  $f = 435$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 44.655$ ;  $\rho = 1000$  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) = 7.78 W/kg

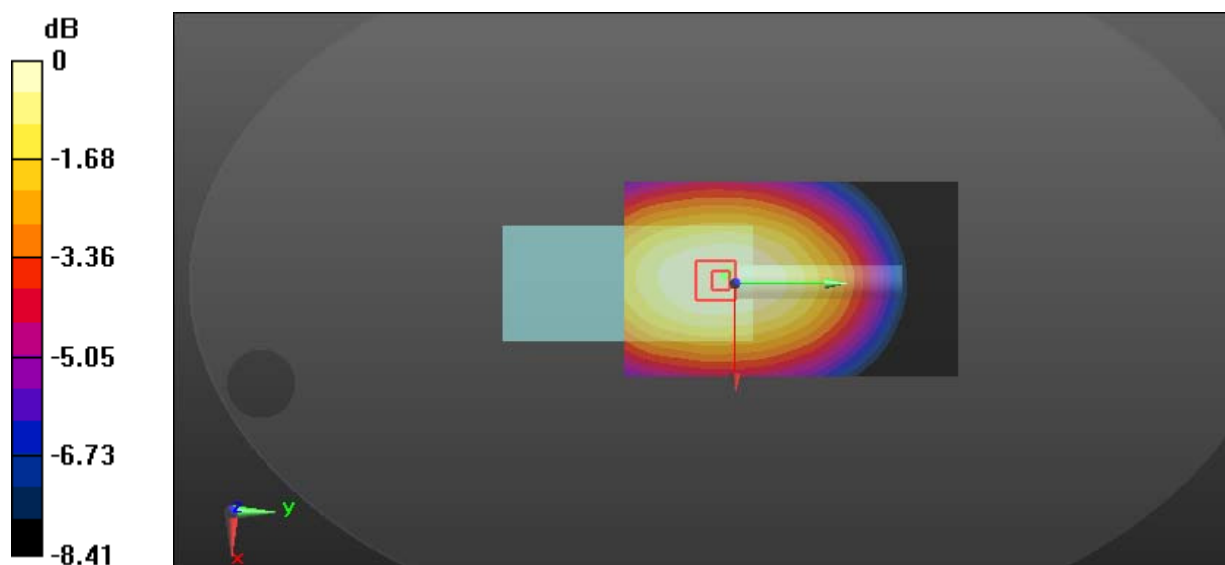
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 dB = 7.40 W/kg = 8.69 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:  $f = 435$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 44.655$ ;  $\rho = 1000$  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) = 7.12 W/kg

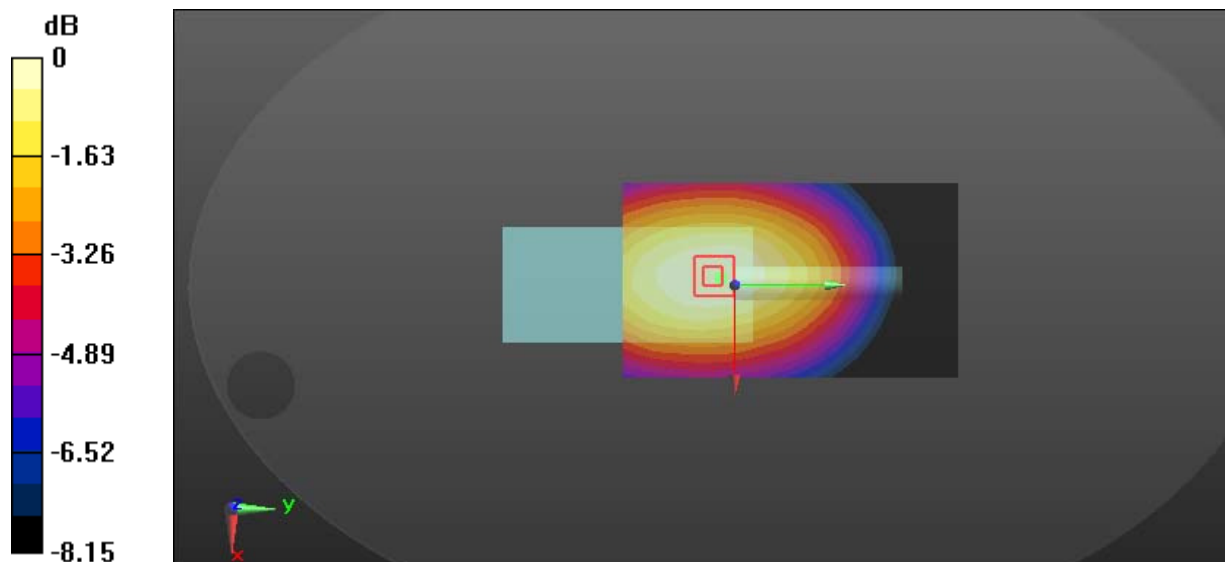
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 dB = 7.10 W/kg = 8.51 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

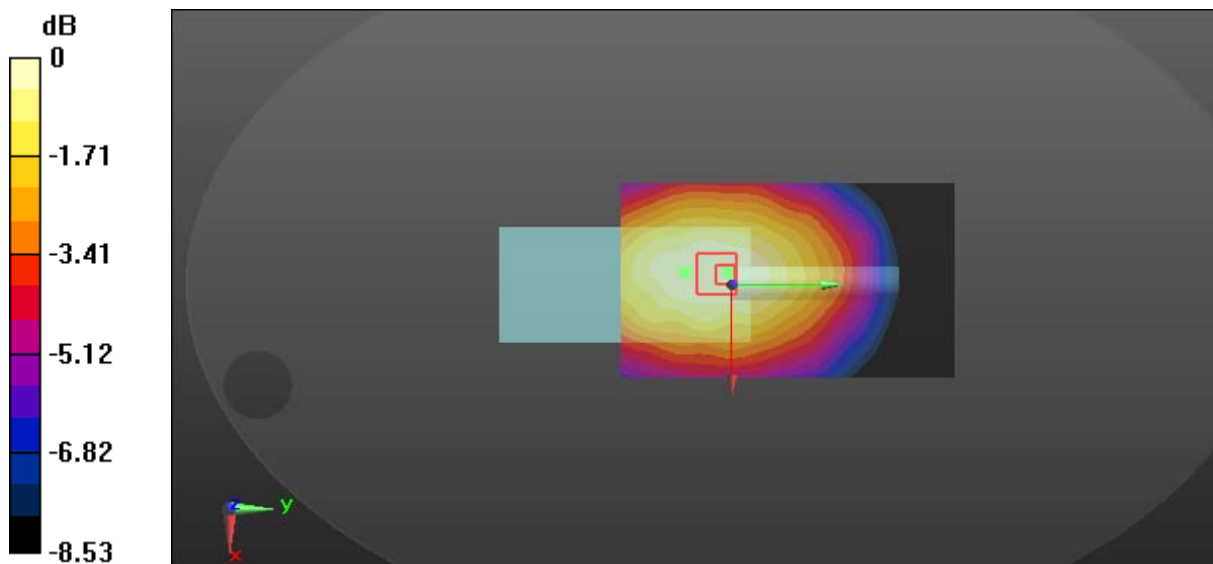
DASY5 Configuration:

- 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 dB = 3.51 W/kg = 5.45 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/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

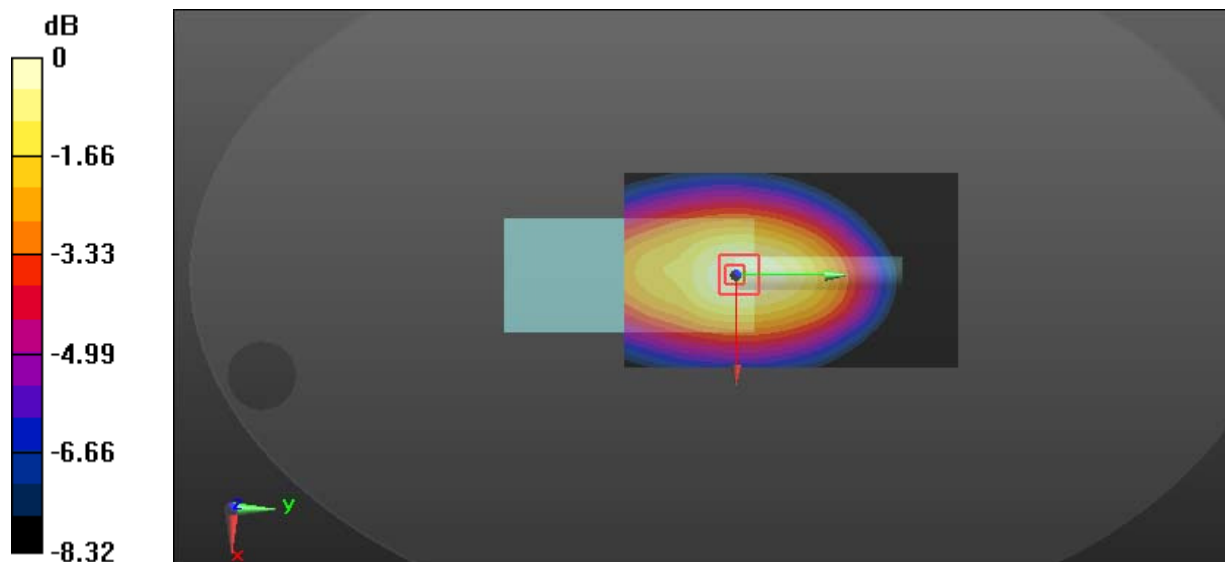
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 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/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) = 10.4 W/kg

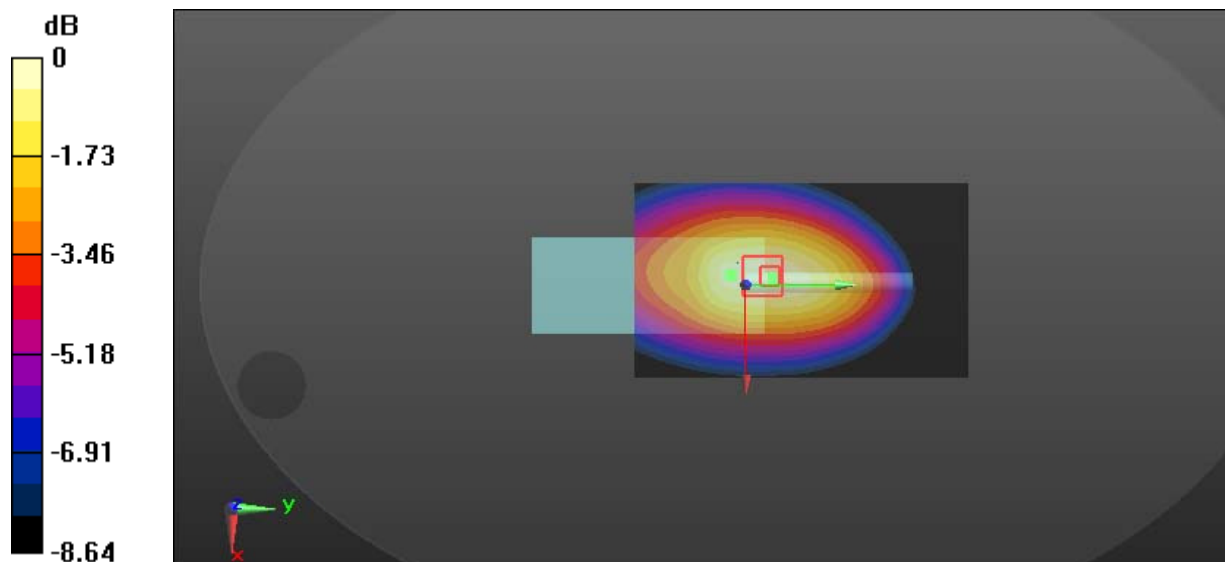
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

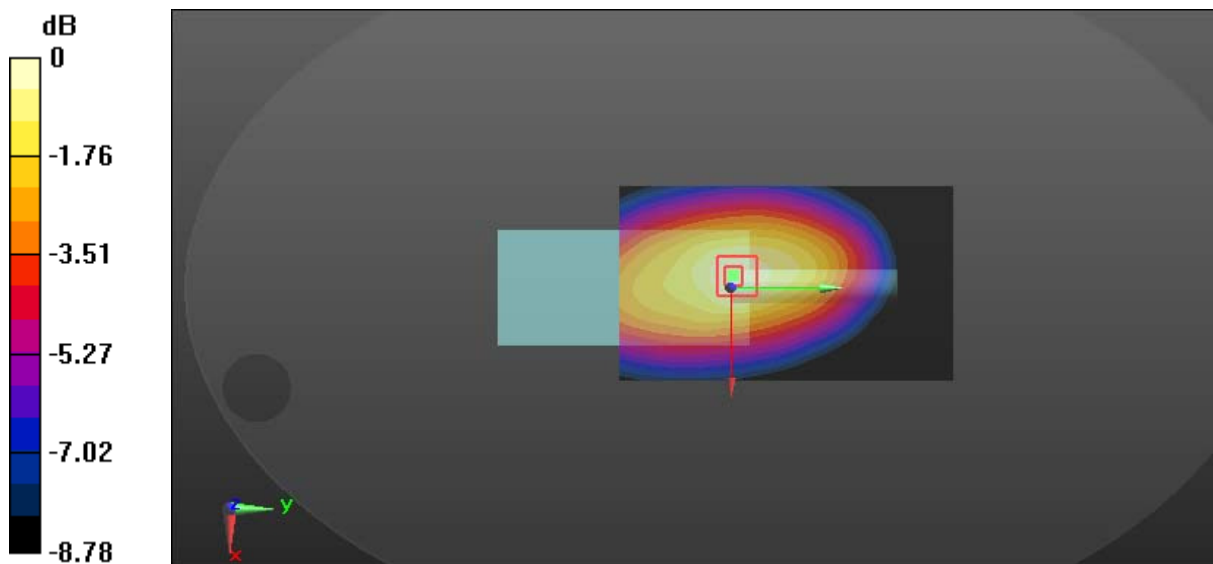
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

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 dB = 11.9 W/kg = 10.76 dBW/kg

**Test Plot 21#: PTT\_FM 12.5kHz\_Body Back\_452 MHz****DUT: Digital Poratable Radio; Type: PD682i Um; Serial: 17120701120**

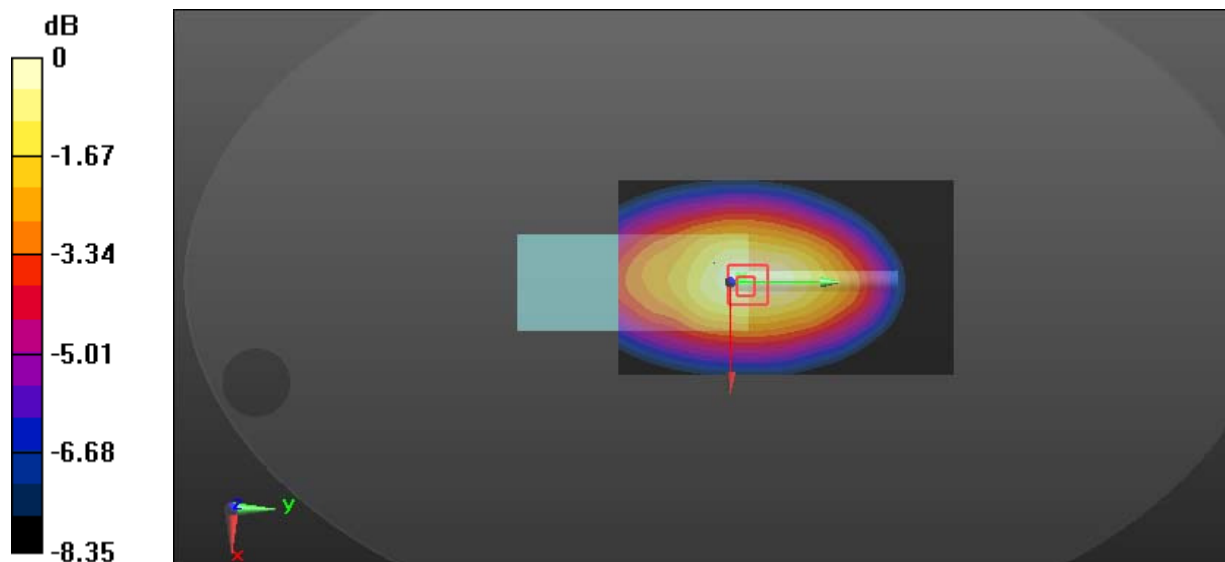
Communication System: FM; Frequency: 452 MHz; Duty Cycle: 1:1

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) =  $9.04 \text{ W/kg}$ **Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $84.78 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$ Peak SAR (extrapolated) =  $11.1 \text{ W/kg}$ **SAR(1 g) =  $7.24 \text{ W/kg}$ ; SAR(10 g) =  $5.25 \text{ W/kg}$** Maximum value of SAR (measured) =  $9.35 \text{ W/kg}$ 0 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/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) = 6.06 W/kg

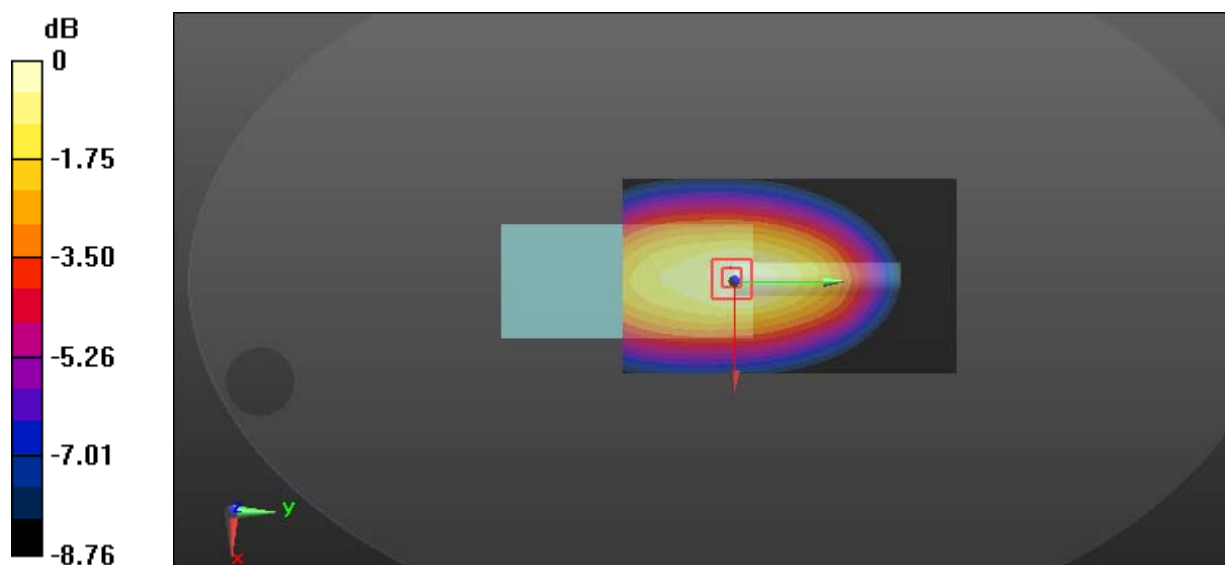
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 400.012 \text{ MHz}$ ;  $\sigma = 0.932 \text{ S/m}$ ;  $\epsilon_r = 57.147$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 12.7 W/kg

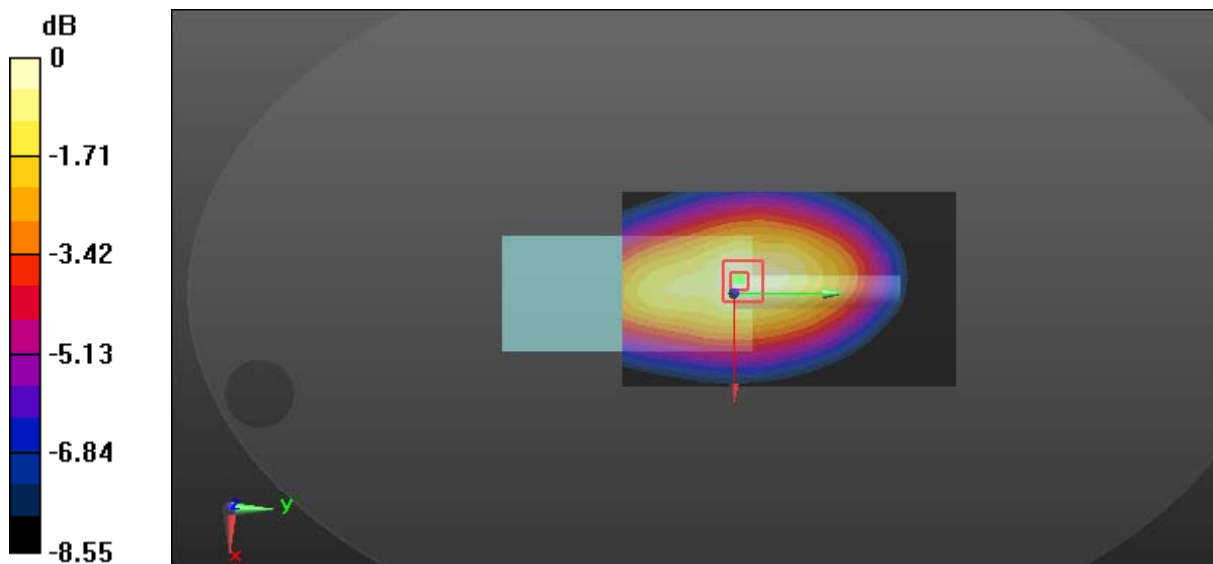
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

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 Portable 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/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) = 11.3 W/kg

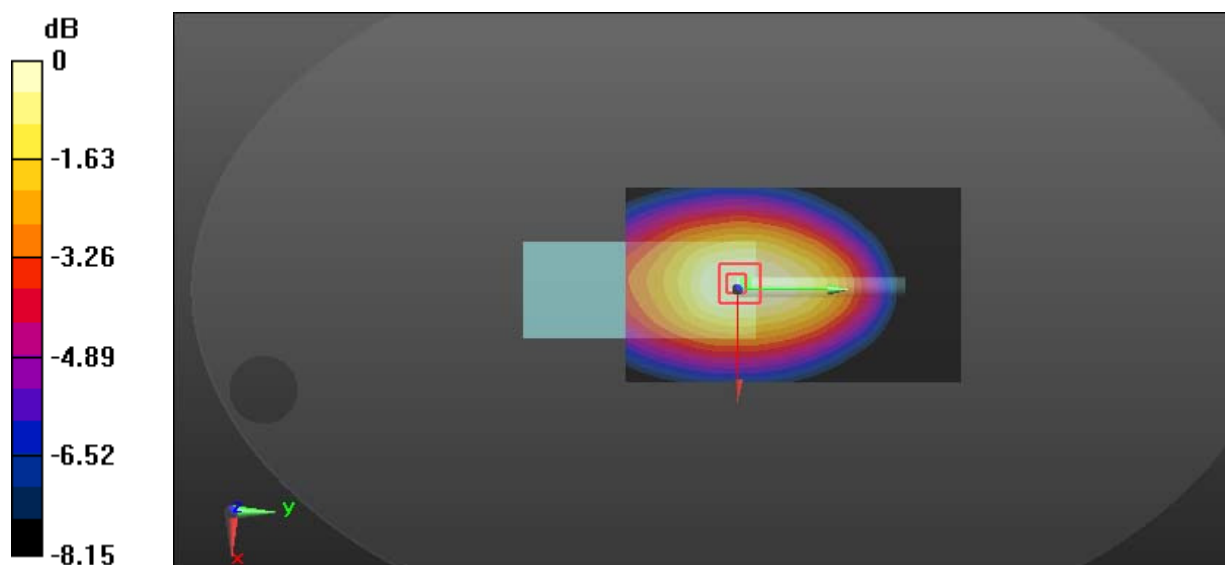
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 dB = 11.2 W/kg = 10.49 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

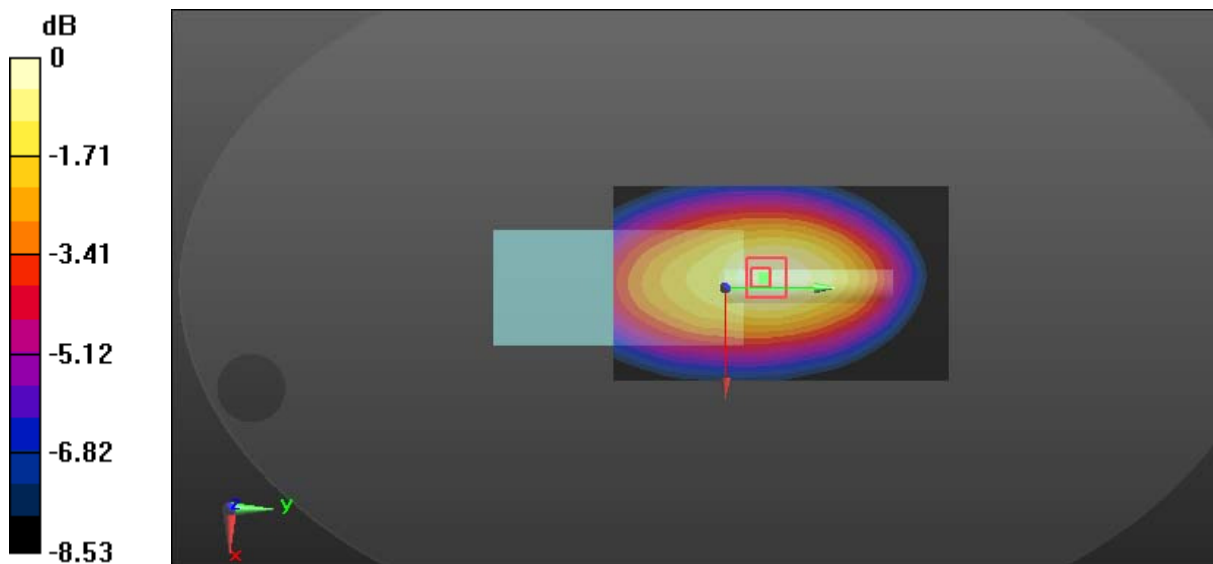
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

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 dB = 10.6 W/kg = 10.25 dBW/kg

**Test Plot 26#: PTT\_FM 25kHz\_Body Back\_452 MHz****DUT: Digital Poratable Radio; Type: PD682i Um; Serial: 17120701120**

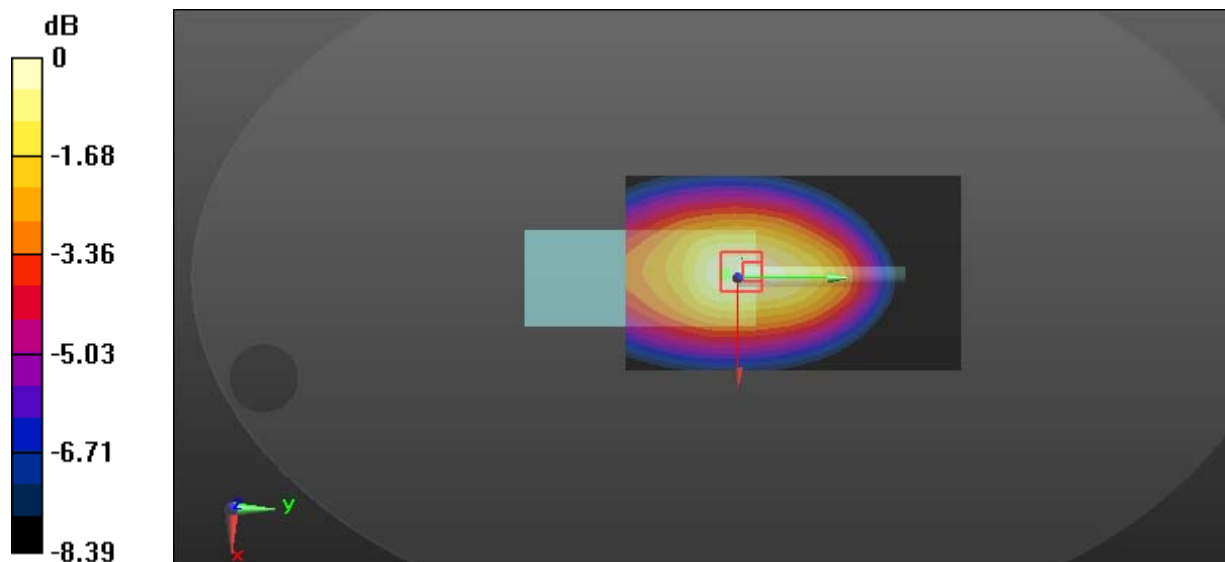
Communication System: FM; Frequency: 452 MHz; Duty Cycle: 1:1

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) =  $8.67 \text{ W/kg}$ **Zoom Scan (5x7x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $86.29 \text{ V/m}$ ; Power Drift =  $0.10 \text{ dB}$ Peak SAR (extrapolated) =  $10.3 \text{ W/kg}$ **SAR(1 g) =  $7.18 \text{ W/kg}$ ; SAR(10 g) =  $5.28 \text{ W/kg}$** Maximum value of SAR (measured) =  $9.15 \text{ W/kg}$ 0 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:  $f = 469.988$  MHz;  $\sigma = 0.968$  S/m;  $\epsilon_r = 55.288$ ;  $\rho = 1000$  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) = 5.69 W/kg

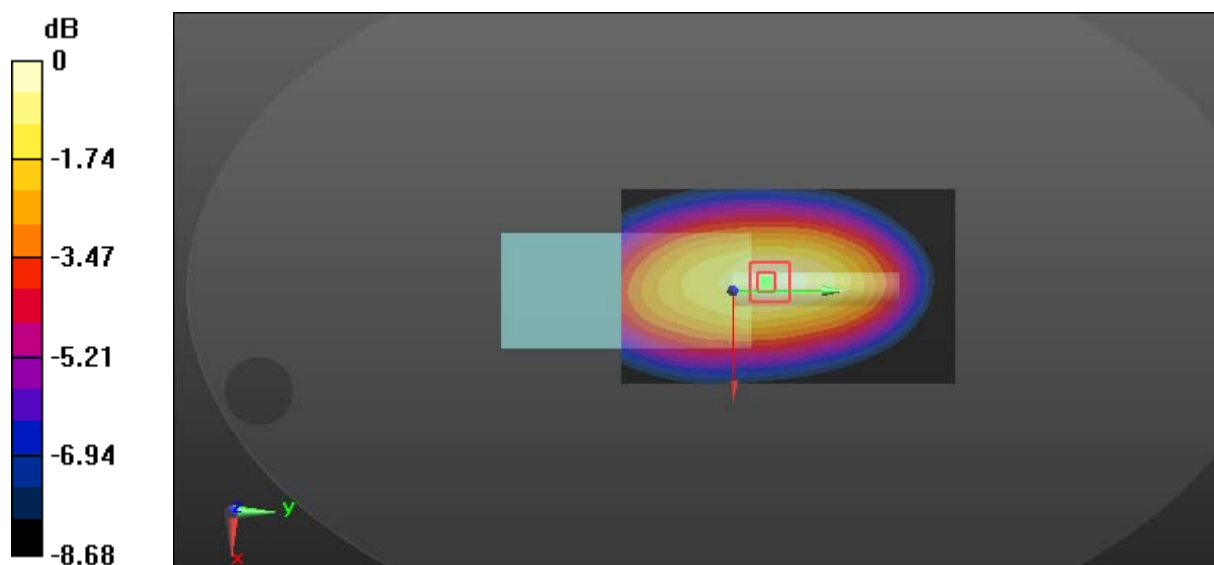
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 dB = 5.84 W/kg = 7.66 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:  $f = 400.012 \text{ MHz}$ ;  $\sigma = 0.932 \text{ S/m}$ ;  $\epsilon_r = 57.147$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 5.45 W/kg

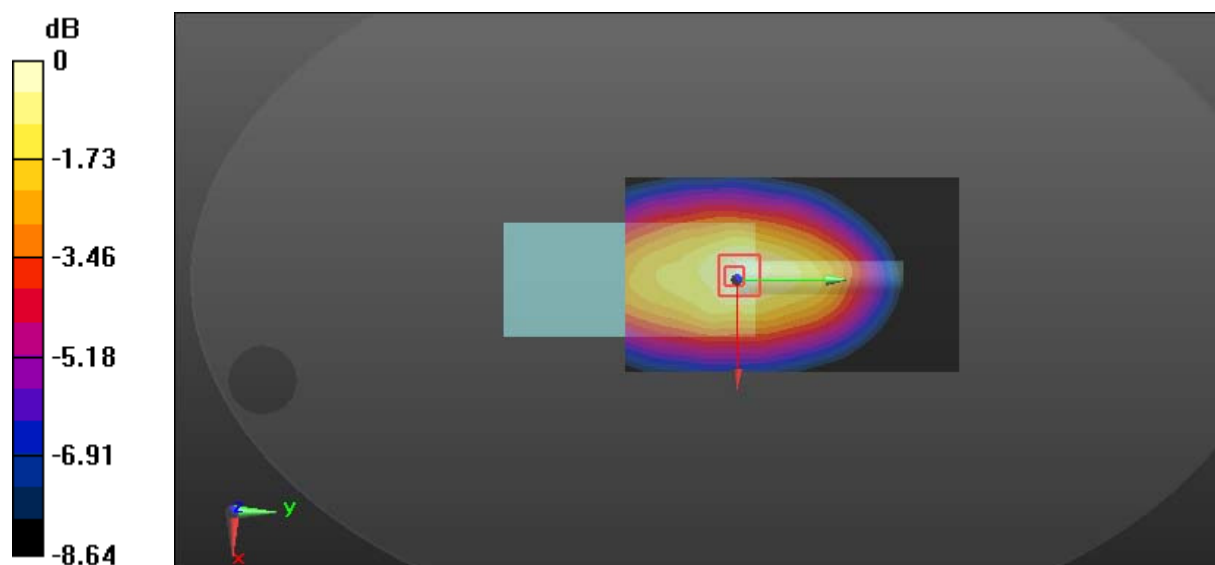
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

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/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) = 7.37 W/kg

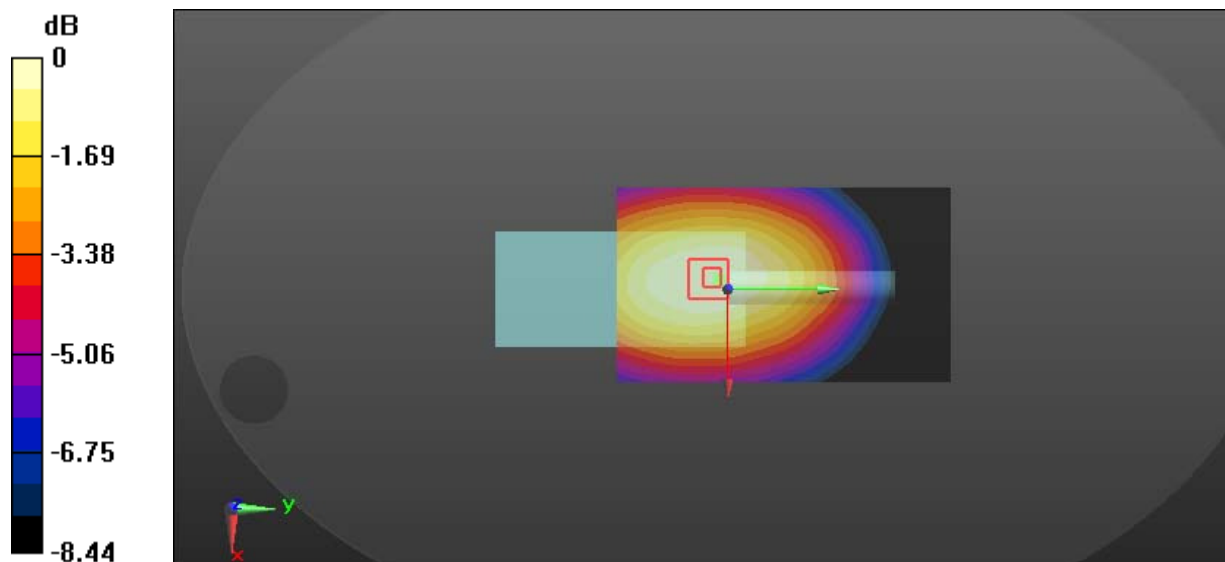
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/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) = 7.51 W/kg

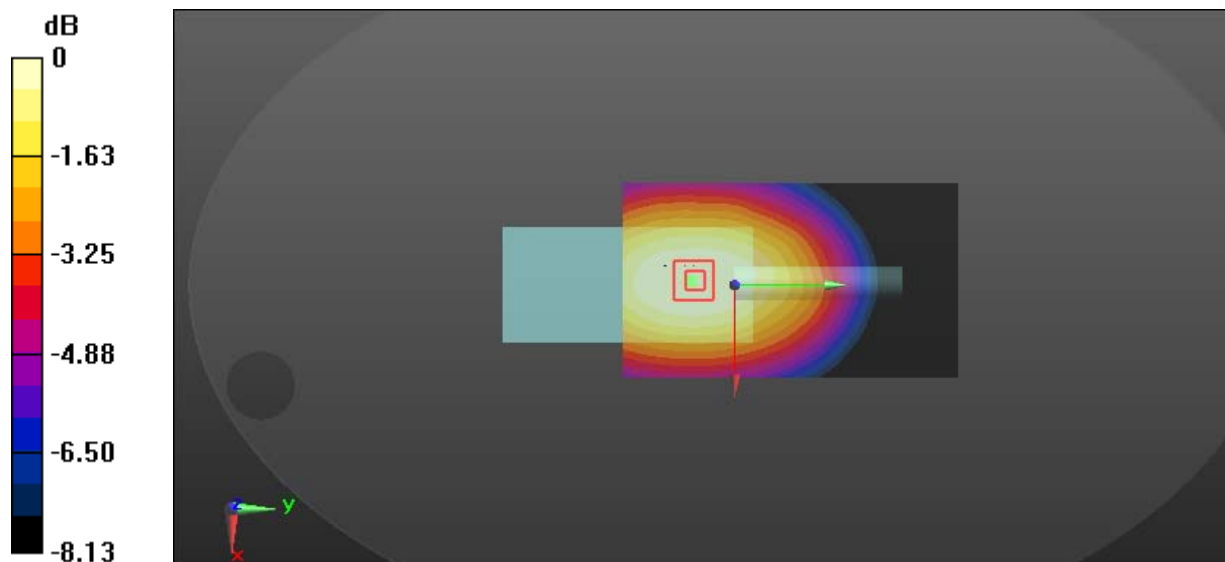
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/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) = 4.11 W/kg

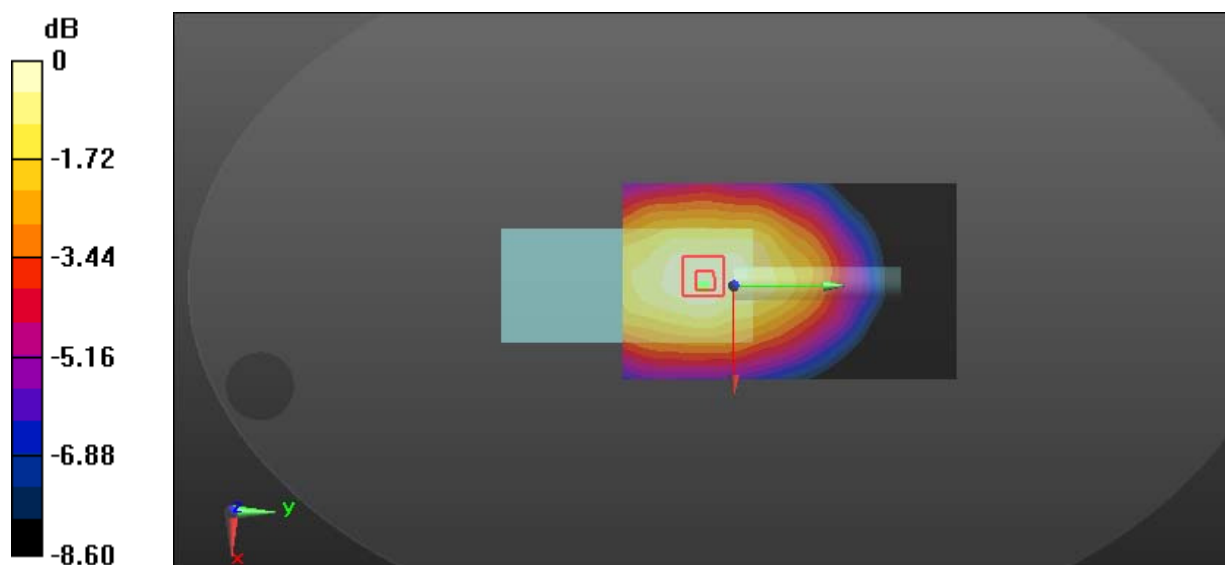
**Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/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

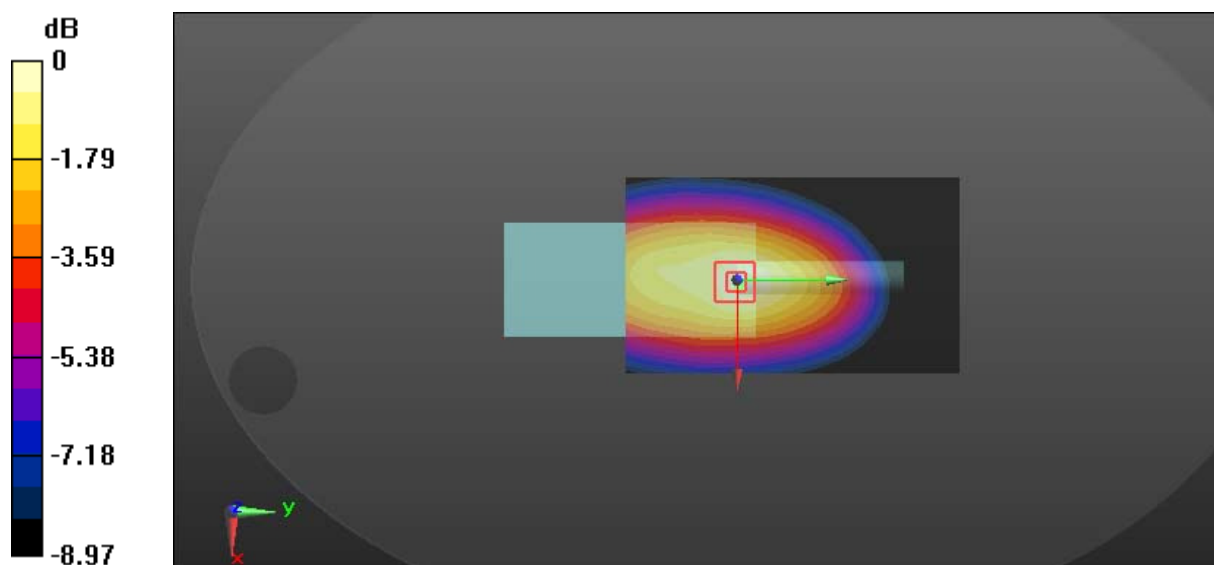
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 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:  $f = 469 \text{ MHz}$ ;  $\sigma = 0.966 \text{ S/m}$ ;  $\epsilon_r = 55.884$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 10.8 W/kg

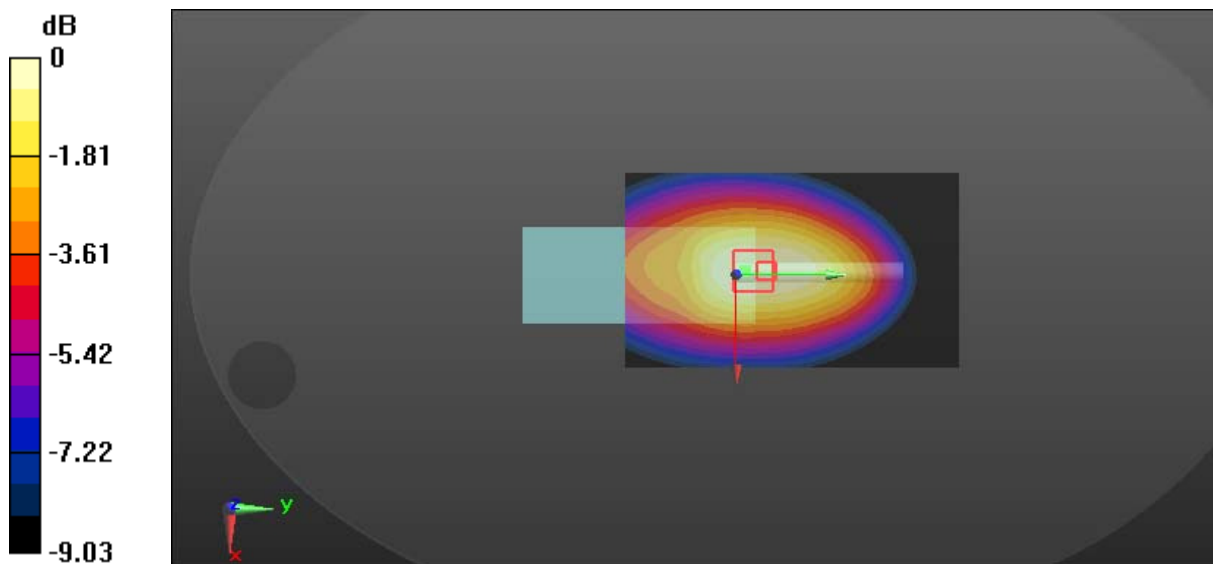
**Zoom Scan (6x7x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

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/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) = 8.58 W/kg

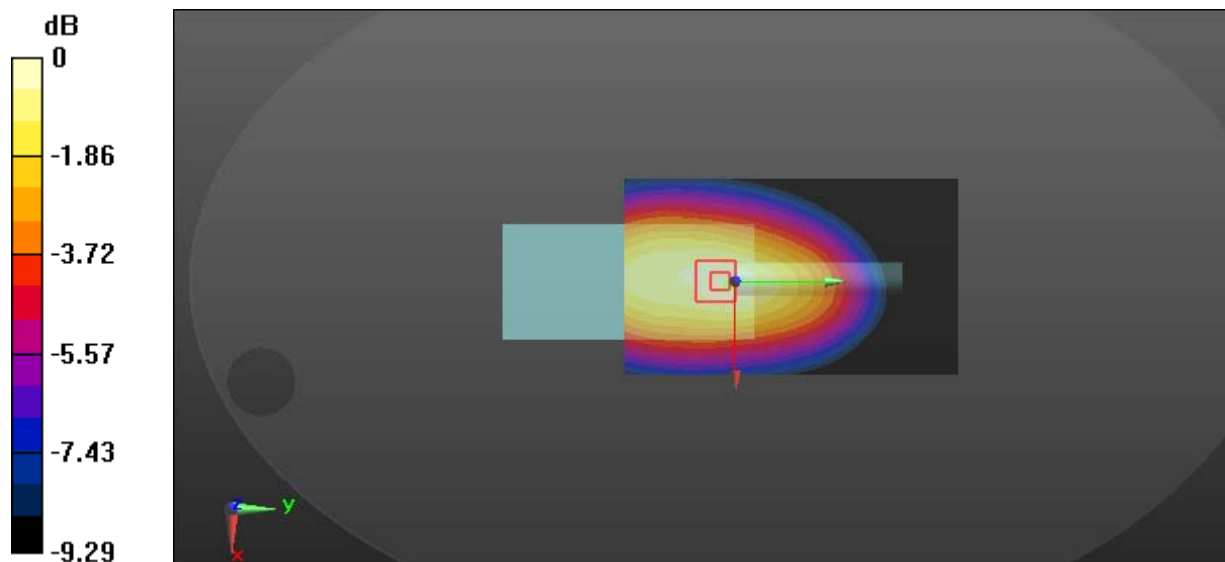
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 507$  MHz;  $\sigma = 0.961$  S/m;  $\epsilon_r = 55.194$ ;  $\rho = 1000$  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) = 8.37 W/kg

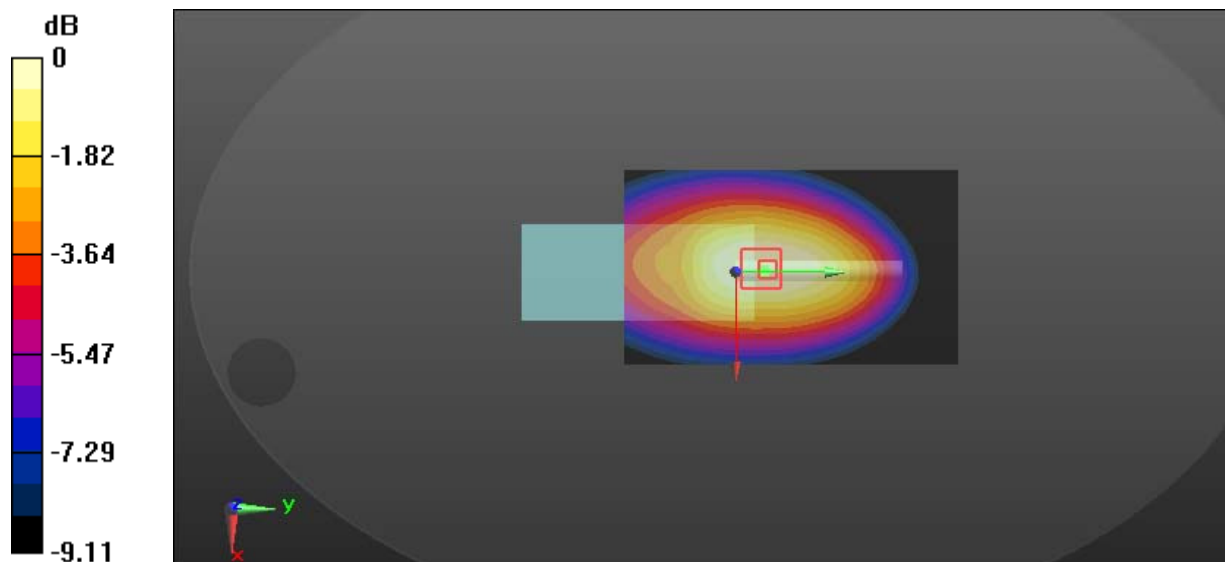
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 dB = 8.07 W/kg = 9.07 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:  $f = 511.988$  MHz;  $\sigma = 0.971$  S/m;  $\epsilon_r = 54.668$ ;  $\rho = 1000$  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) = 5.81 W/kg

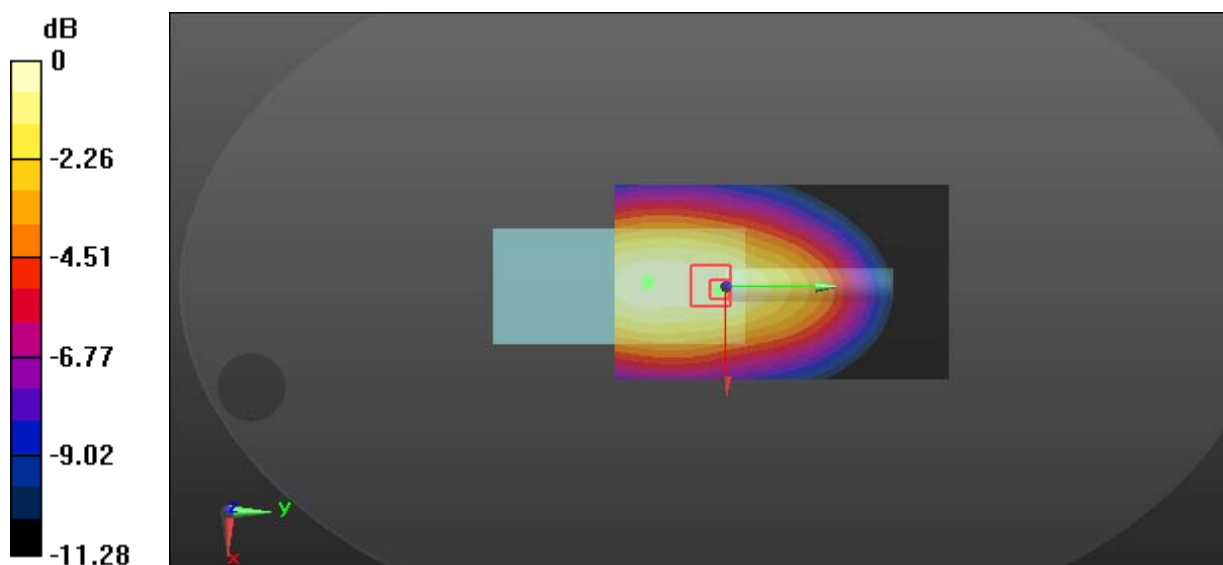
**Zoom Scan (6x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 dB = 5.89 W/kg = 7.70 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/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) = 12.5 W/kg

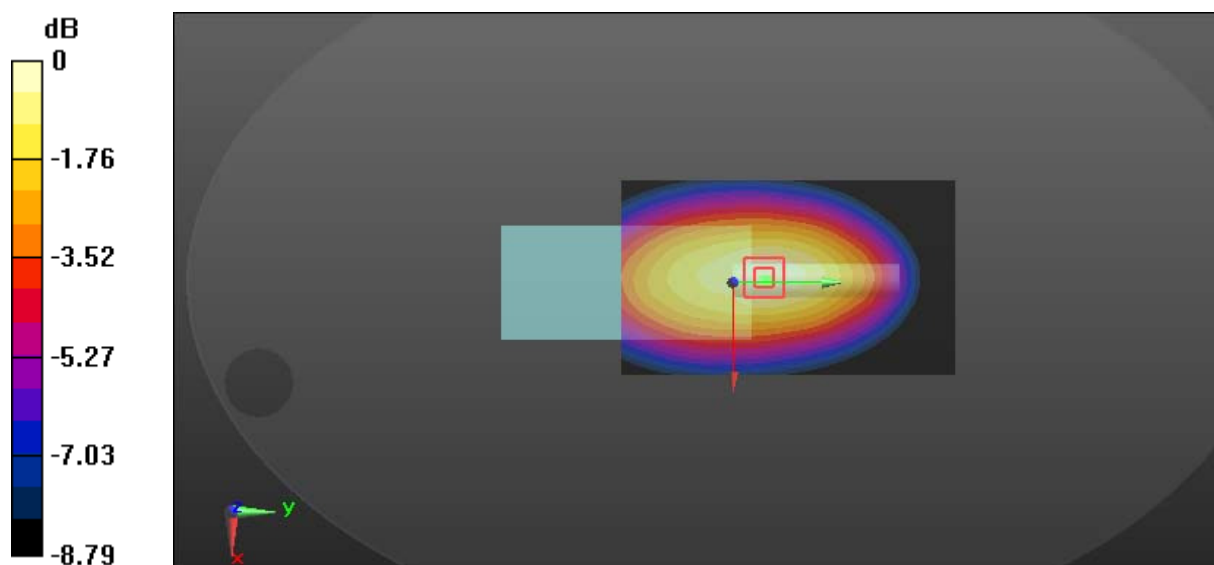
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/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

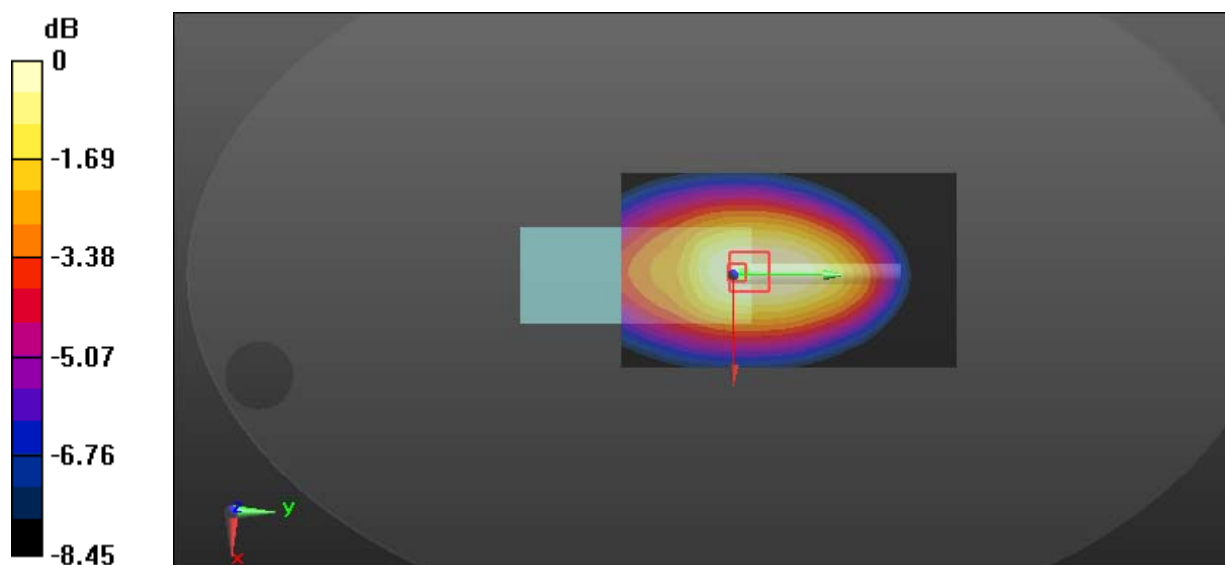
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/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) = 7.39 W/kg

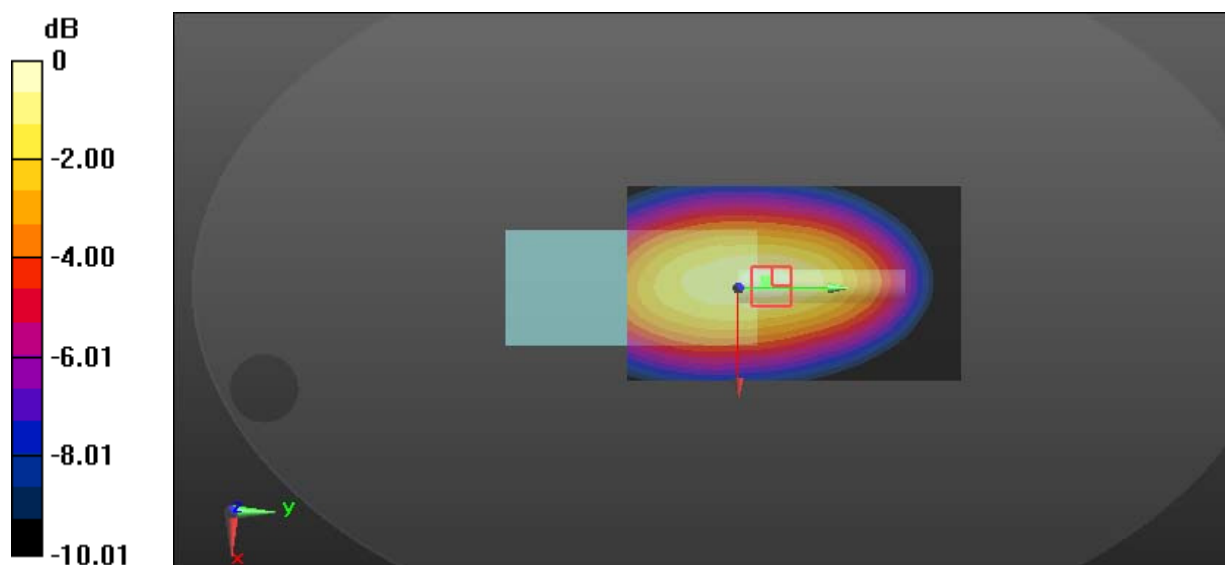
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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:  $f = 507$  MHz;  $\sigma = 0.961$  S/m;  $\epsilon_r = 55.194$ ;  $\rho = 1000$  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) = 8.34 W/kg

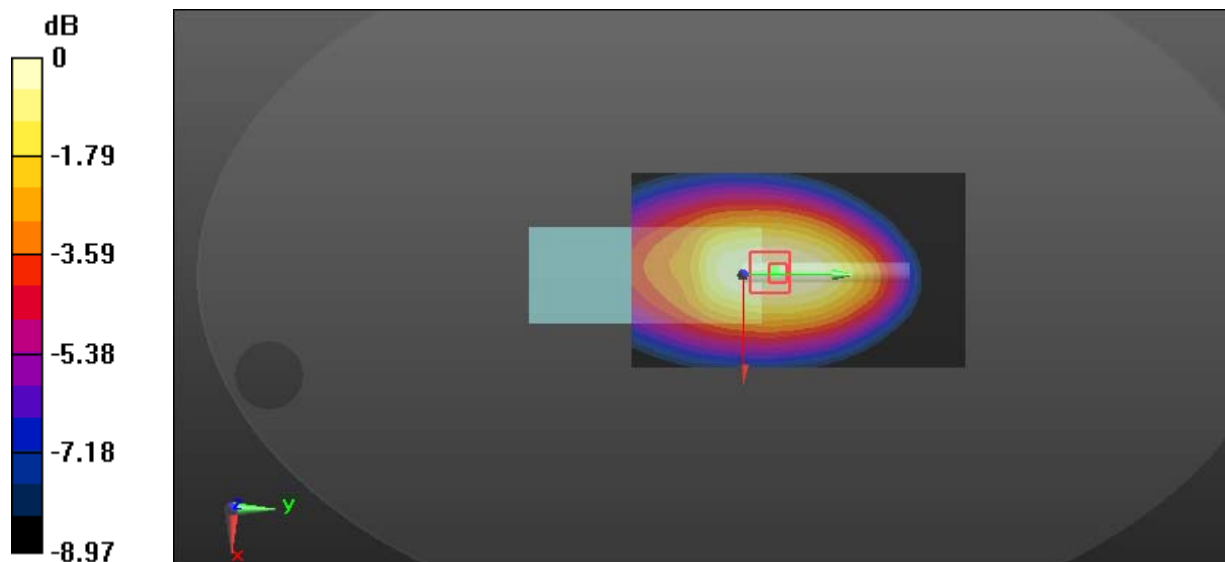
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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 dB = 8.01 W/kg = 9.04 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/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) = 5.73 W/kg

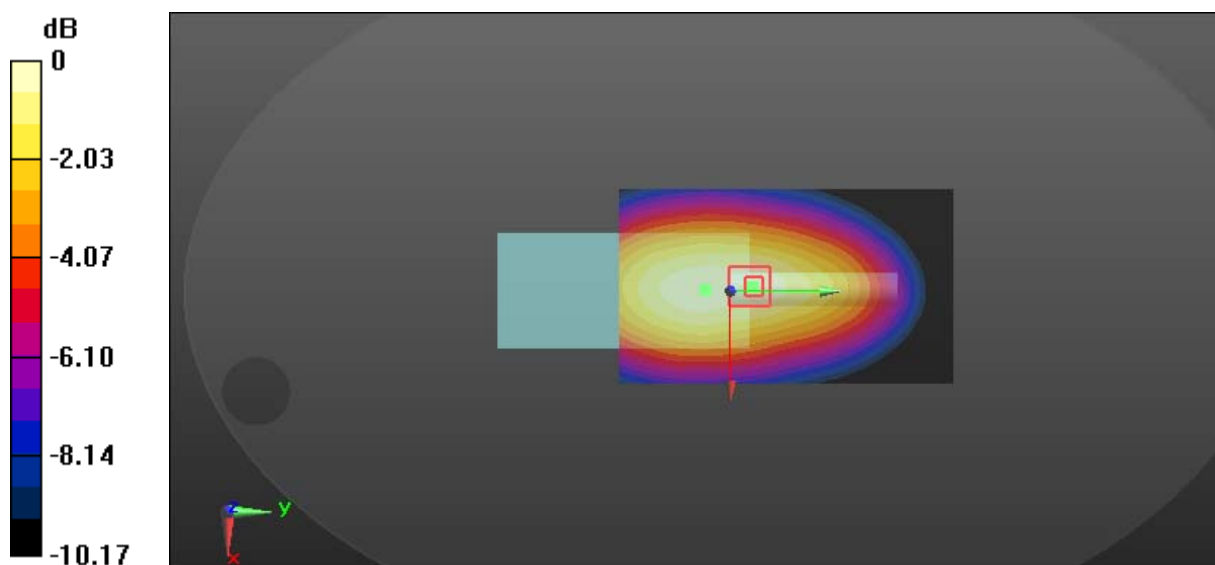
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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/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) = 5.91 W/kg

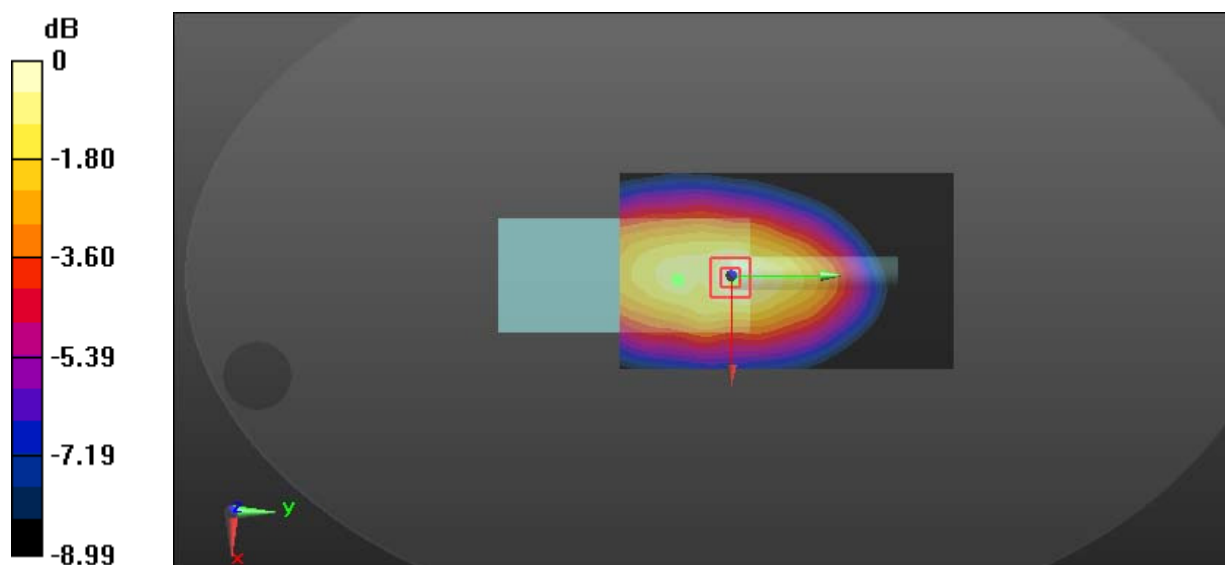
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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