

**Test Plot 1#: PTT\_FM 12.5kHz\_Face Up\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.856$  S/m;  $\epsilon_r = 44.969$ ;  $\rho = 1000$  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) = 8.19 W/kg

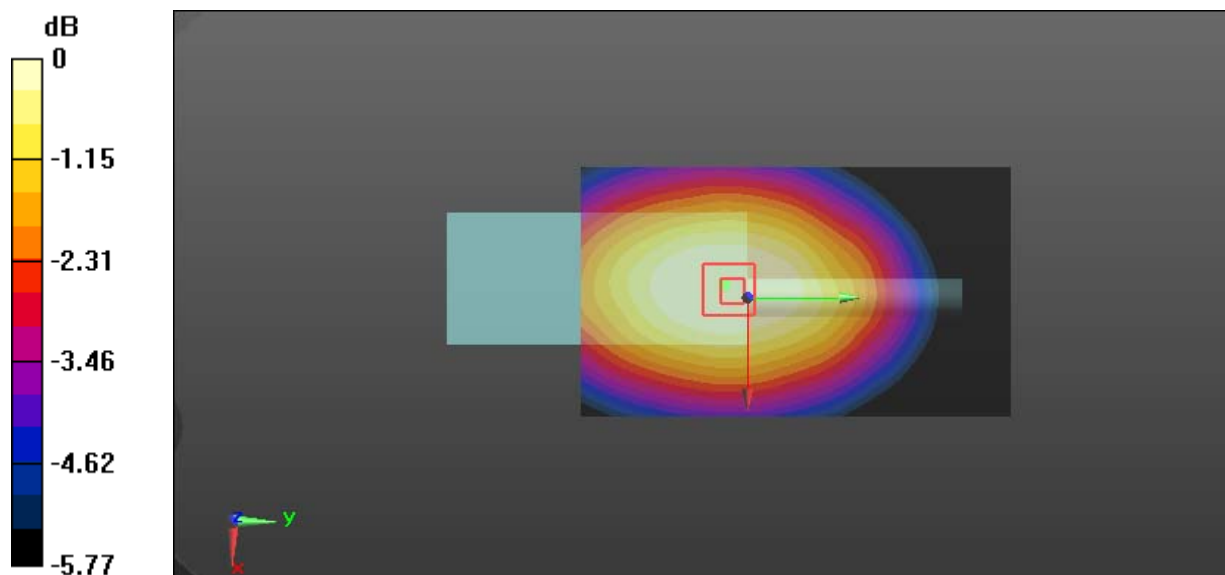
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 86.48 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 8.77 W/kg

**SAR(1 g) = 6.19 W/kg; SAR(10 g) = 4.87 W/kg**

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



0 dB = 7.65 W/kg = 8.84 dBW/kg

**Test Plot 2#: PTT\_FM 12.5kHz\_Face Up\_417 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

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

Medium parameters used:  $f = 417$  MHz;  $\sigma = 0.863$  S/m;  $\epsilon_r = 44.819$ ;  $\rho = 1000$  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) = 6.44 W/kg

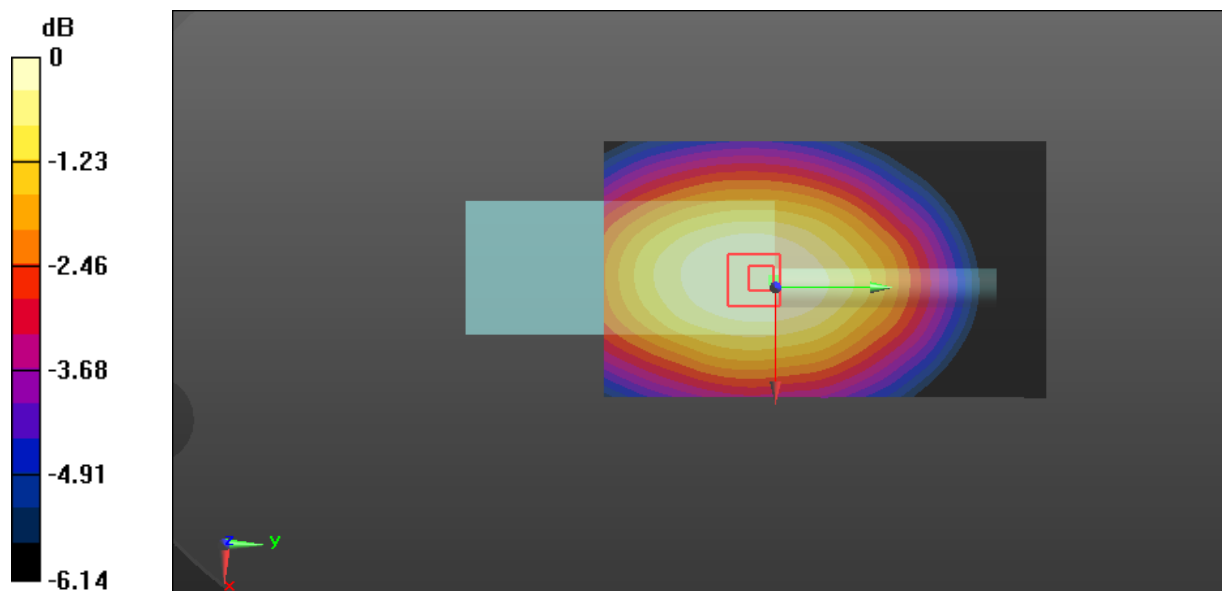
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 76.39 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 7.01 W/kg

**SAR(1 g) = 4.88 W/kg; SAR(10 g) = 3.81 W/kg**

Maximum value of SAR (measured) = 6.13 W/kg



0 dB = 6.13 W/kg = 7.87 dBW/kg

**Test Plot 3#: PTT\_FM 12.5kHz\_Face Up\_435 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

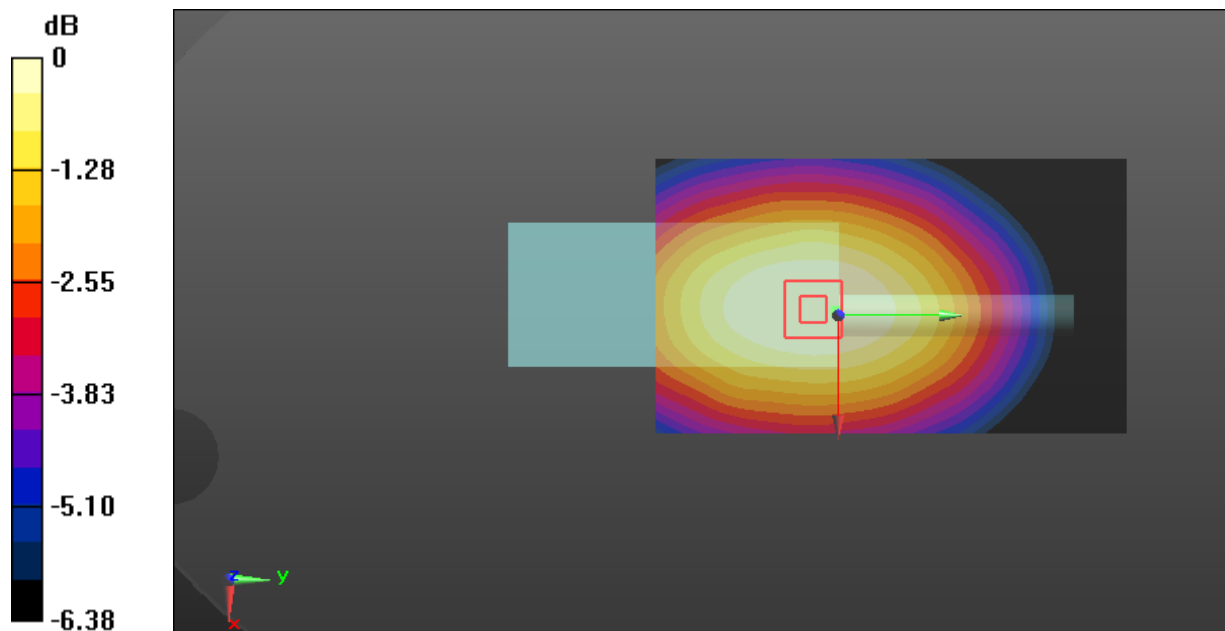
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 435 \text{ MHz}$ ;  $\sigma = 0.86 \text{ S/m}$ ;  $\epsilon_r = 43.906$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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) =  $6.95 \text{ W/kg}$ **Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $78.35 \text{ V/m}$ ; Power Drift =  $-0.11 \text{ dB}$ Peak SAR (extrapolated) =  $7.53 \text{ W/kg}$ **SAR(1 g) =  $5.27 \text{ W/kg}$ ; SAR(10 g) =  $4.08 \text{ W/kg}$** Maximum value of SAR (measured) =  $6.59 \text{ W/kg}$  $0 \text{ dB} = 6.59 \text{ W/kg} = 8.19 \text{ dBW/kg}$

**Test Plot 4#: PTT\_FM 12.5kHz\_Face Up\_452 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

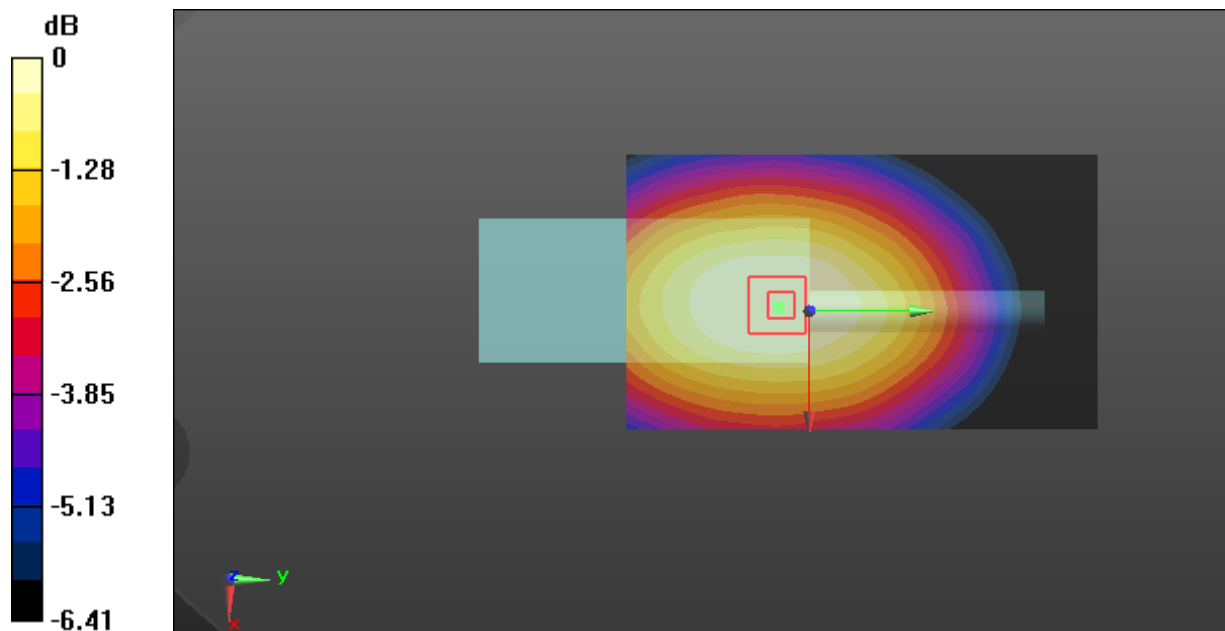
Communication System: FM; Frequency: 452 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 452 \text{ MHz}$ ;  $\sigma = 0.872 \text{ S/m}$ ;  $\epsilon_r = 43.144$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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) =  $7.35 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $82.19 \text{ V/m}$ ; Power Drift =  $-0.16 \text{ dB}$ Peak SAR (extrapolated) =  $7.84 \text{ W/kg}$ **SAR(1 g) =  $5.46 \text{ W/kg}$ ; SAR(10 g) =  $4.21 \text{ W/kg}$** Maximum value of SAR (measured) =  $6.87 \text{ W/kg}$  $0 \text{ dB} = 6.87 \text{ W/kg} = 8.37 \text{ dBW/kg}$

**Test Plot 5#: PTT\_FM 12.5kHz\_Face Up\_469.9875 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.893$  S/m;  $\epsilon_r = 42.698$ ;  $\rho = 1000$  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) = 5.00 W/kg

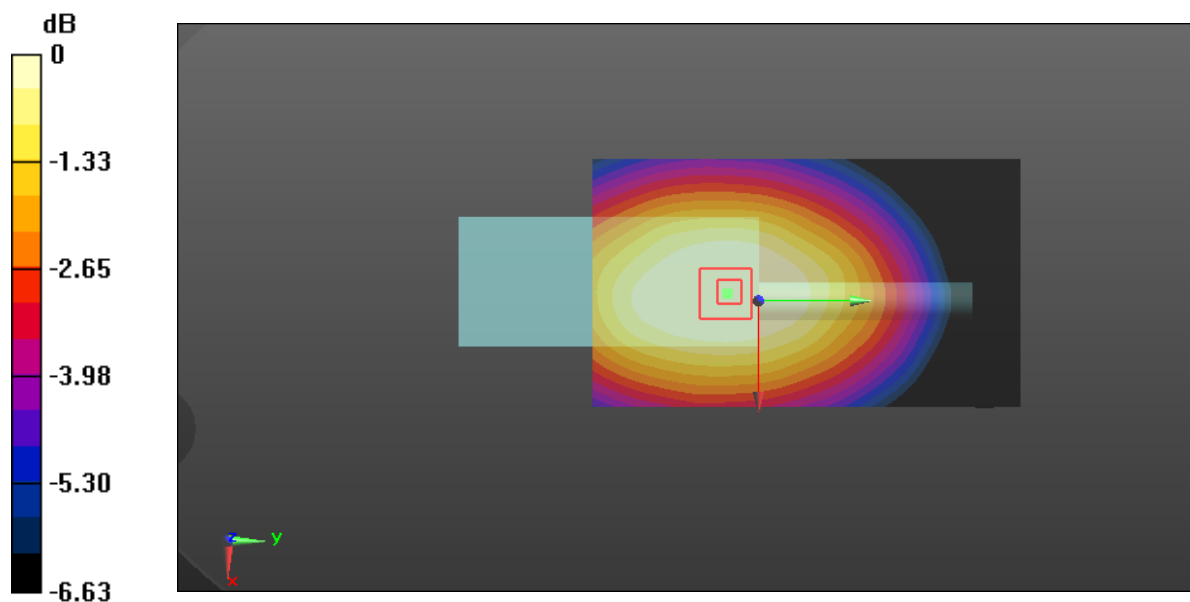
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.12 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 5.16 W/kg

**SAR(1 g) = 3.66 W/kg; SAR(10 g) = 2.82 W/kg**

Maximum value of SAR (measured) = 4.54 W/kg



0 dB = 4.54 W/kg = 6.57 dBW/kg

**Test Plot 6#: PTT\_FM 25kHz\_Face Up\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.856$  S/m;  $\epsilon_r = 44.969$ ;  $\rho = 1000$  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) = 7.59 W/kg

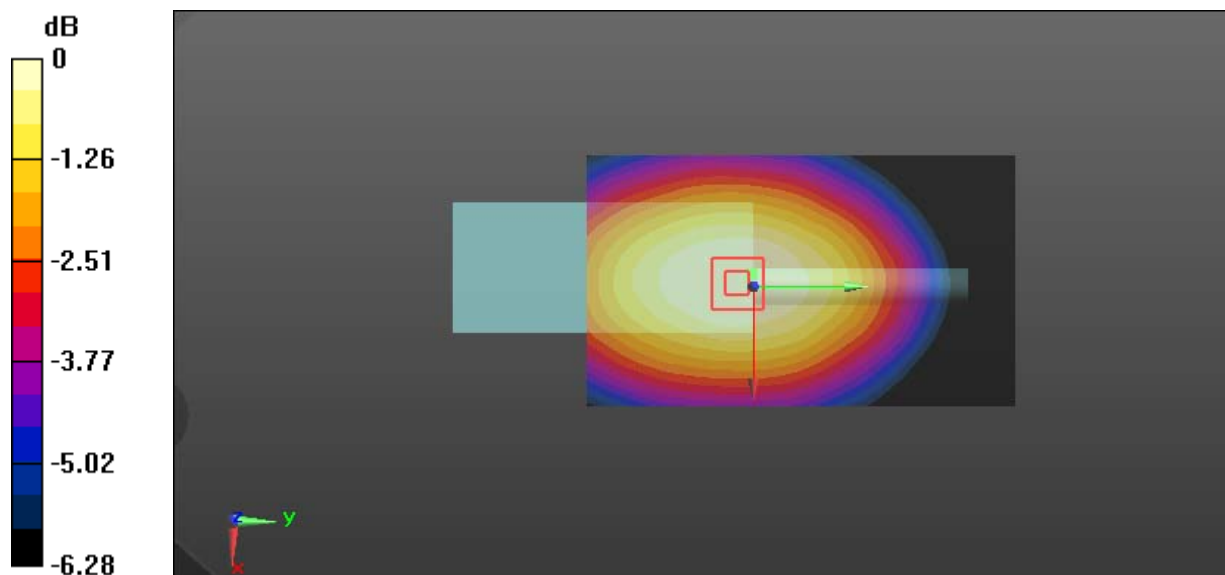
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.02 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 8.33 W/kg

**SAR(1 g) = 5.78 W/kg; SAR(10 g) = 4.52 W/kg**

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



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

**Test Plot 7#: PTT\_4FSK 12.5kHz\_Face Up\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.856$  S/m;  $\epsilon_r = 44.969$ ;  $\rho = 1000$  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) = 4.59 W/kg

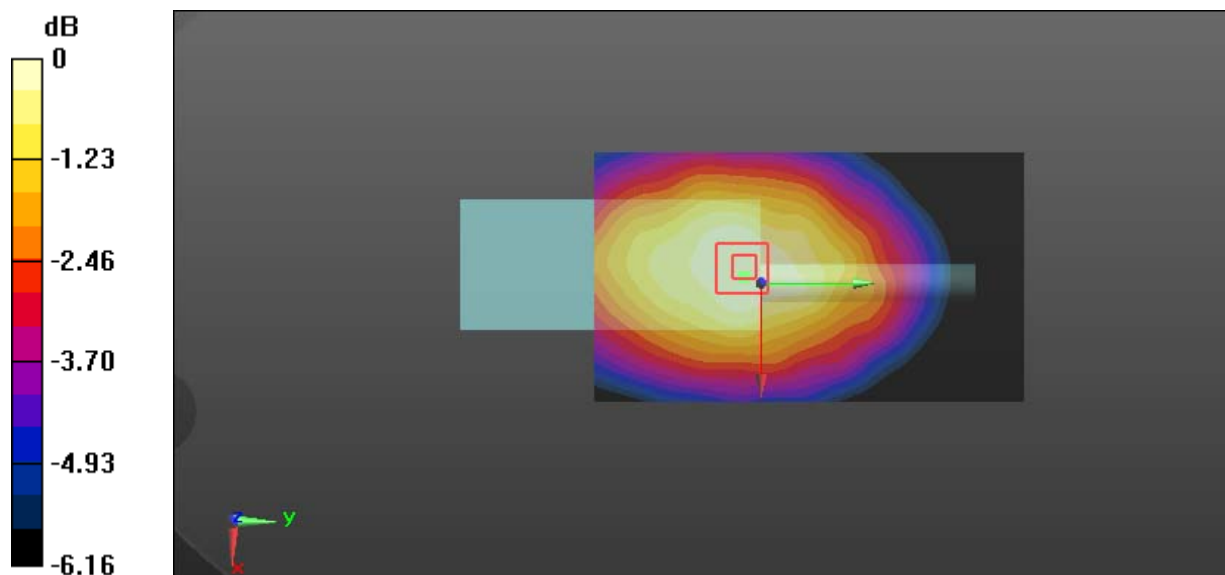
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 64.74 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.21 W/kg

**SAR(1 g) = 3.55 W/kg; SAR(10 g) = 2.77 W/kg**

Maximum value of SAR (measured) = 4.52 W/kg



0 dB = 4.52 W/kg = 6.55 dBW/kg

**Test Plot 8#: PTT\_FM 12.5kHz\_Face Up\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD752iG U(1); Serial: 18071200421**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.856$  S/m;  $\epsilon_r = 44.969$ ;  $\rho = 1000$  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) = 7.35 W/kg

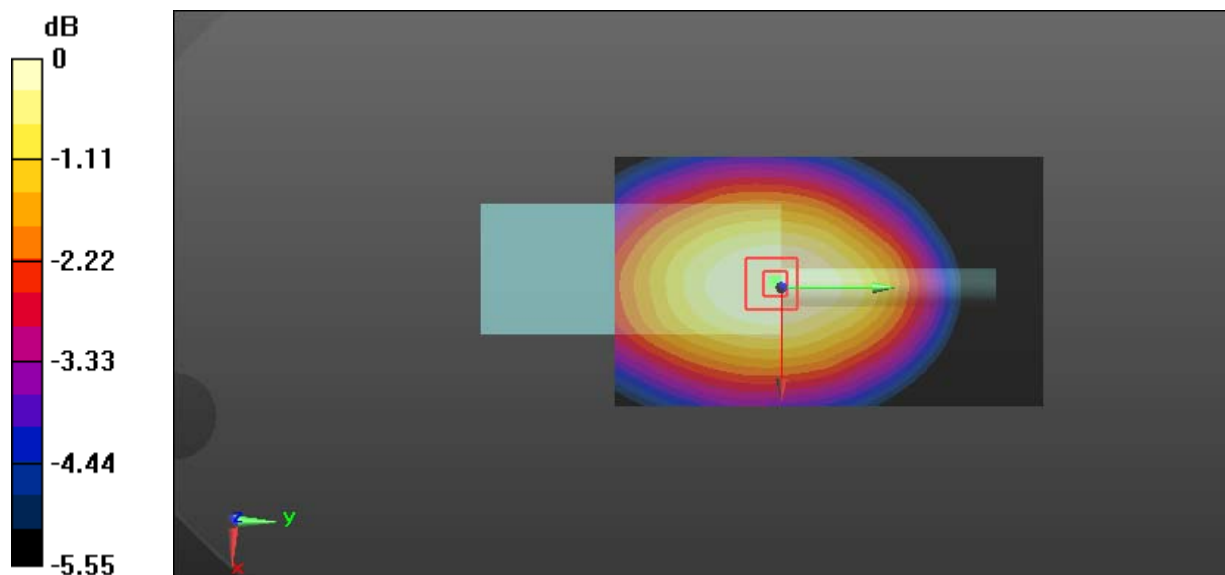
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 86.32 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 8.01 W/kg

**SAR(1 g) = 5.91 W/kg; SAR(10 g) = 4.80 W/kg**

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



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



**Test Plot 9#: PTT\_FM 12.5kHz\_Face Up\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD702iG U(1); Serial: 18071200422**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.856$  S/m;  $\epsilon_r = 44.969$ ;  $\rho = 1000$  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) = 6.52 W/kg

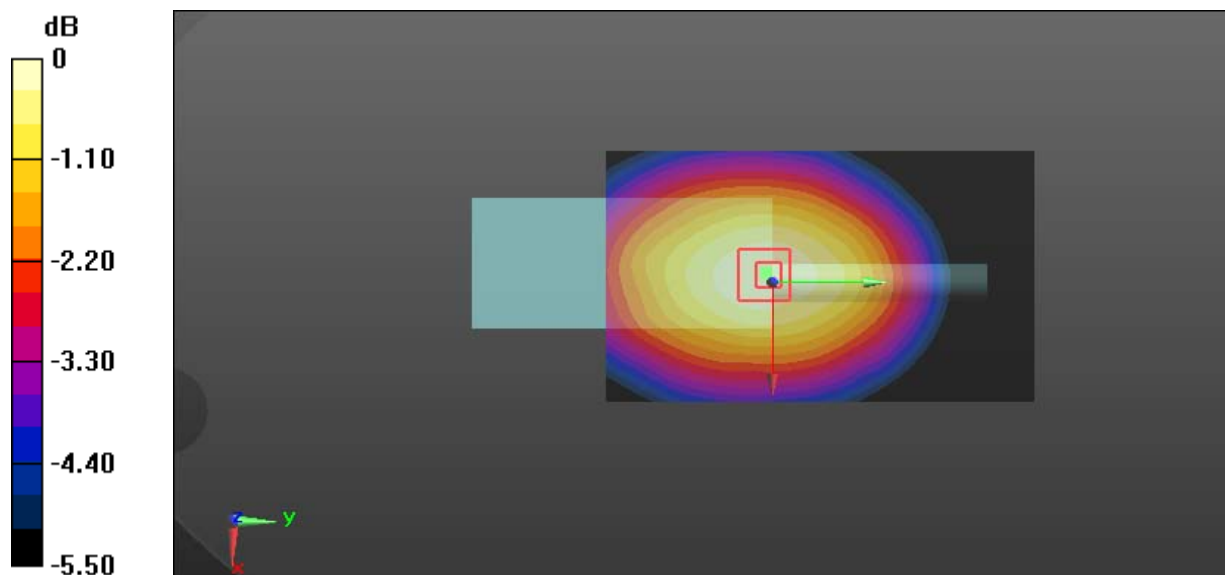
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 80.38 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 7.44 W/kg

**SAR(1 g) = 5.44 W/kg; SAR(10 g) = 4.41 W/kg**

Maximum value of SAR (measured) = 6.62 W/kg



0 dB = 6.62 W/kg = 8.21 dBW/kg

**Test Plot 10#: PTT\_FM 12.5kHz\_Body Back\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 56.486$ ;  $\rho = 1000$  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) = 14.5 W/kg

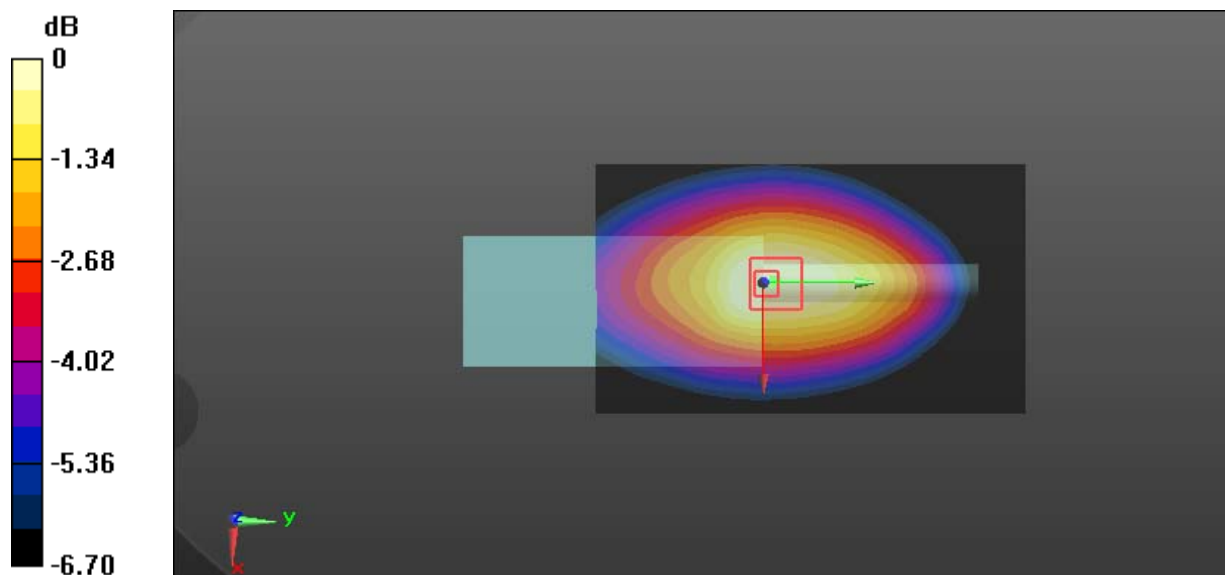
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 114.9 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 16.8 W/kg

**SAR(1 g) = 11.1 W/kg; SAR(10 g) = 8.61 W/kg**

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



0 dB = 14.0 W/kg = 11.46 dBW/kg

**Test Plot 11#: PTT\_FM 12.5kHz\_Body Back\_417 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

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

Medium parameters used:  $f = 417$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 57.042$ ;  $\rho = 1000$  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) = 10.1 W/kg

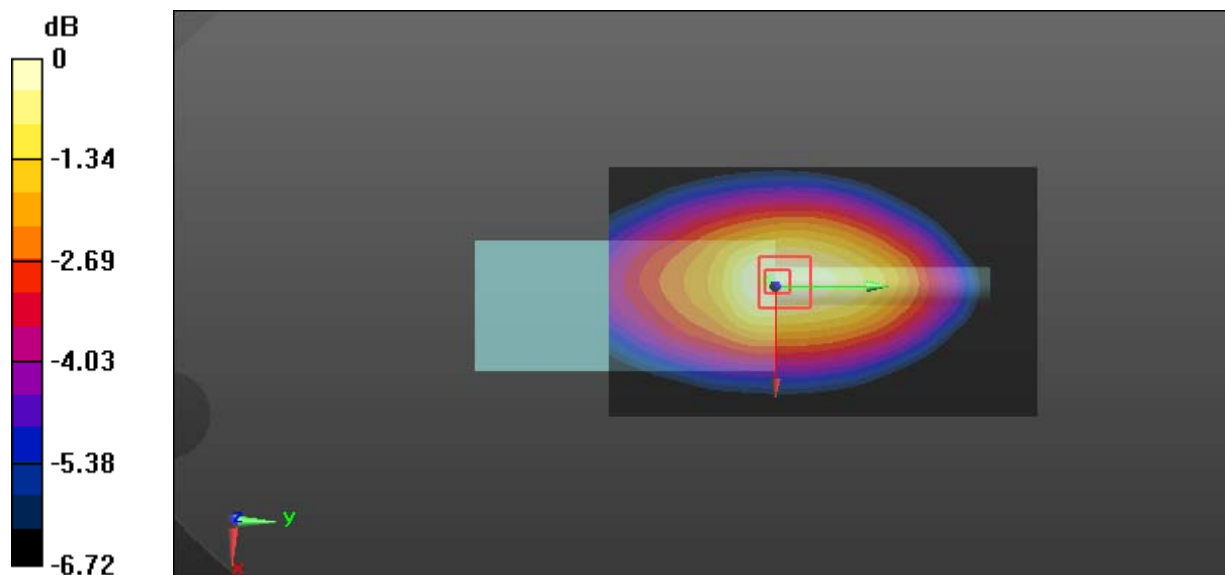
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 92.99 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 12.0 W/kg

**SAR(1 g) = 7.81 W/kg; SAR(10 g) = 6 W/kg**

Maximum value of SAR (measured) = 10.0 W/kg



0 dB = 10.0 W/kg = 10.00 dBW/kg

**Test Plot 12#: PTT\_FM 12.5kHz\_Body Back\_435 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

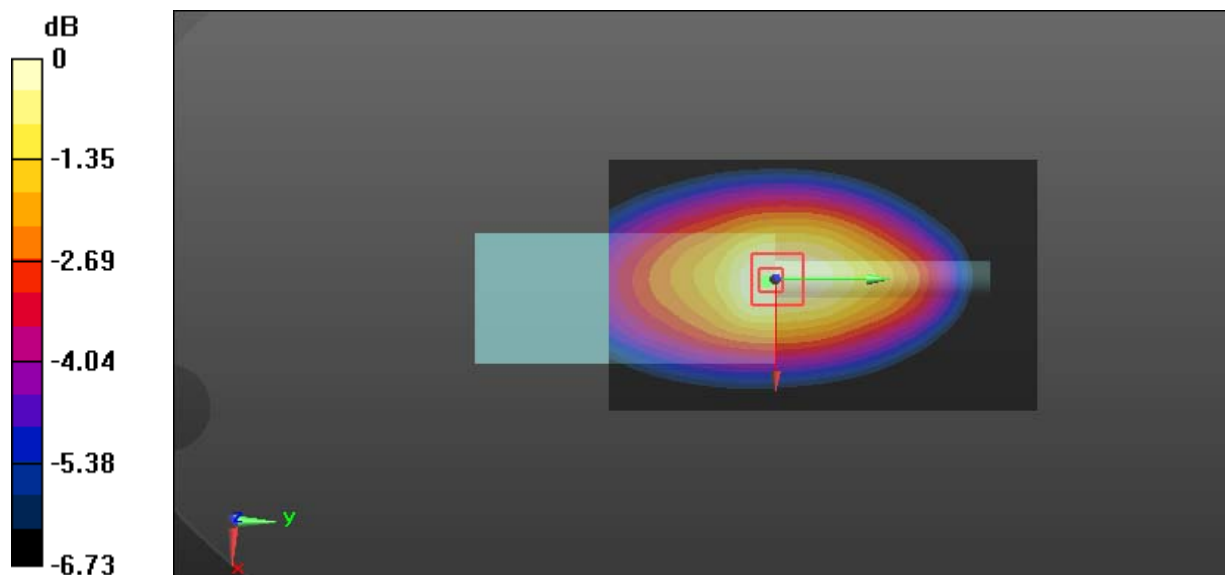
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 435 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 57.188$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

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

**Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $11.8 \text{ W/kg}$ **Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $99.52 \text{ V/m}$ ; Power Drift =  $-0.16 \text{ dB}$ Peak SAR (extrapolated) =  $14.4 \text{ W/kg}$ **SAR(1 g) =  $8.98 \text{ W/kg}$ ; SAR(10 g) =  $6.84 \text{ W/kg}$** Maximum value of SAR (measured) =  $11.7 \text{ W/kg}$  $0 \text{ dB} = 11.7 \text{ W/kg} = 10.68 \text{ dBW/kg}$

**Test Plot 13#: PTT\_FM 12.5kHz\_Body Back\_452 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

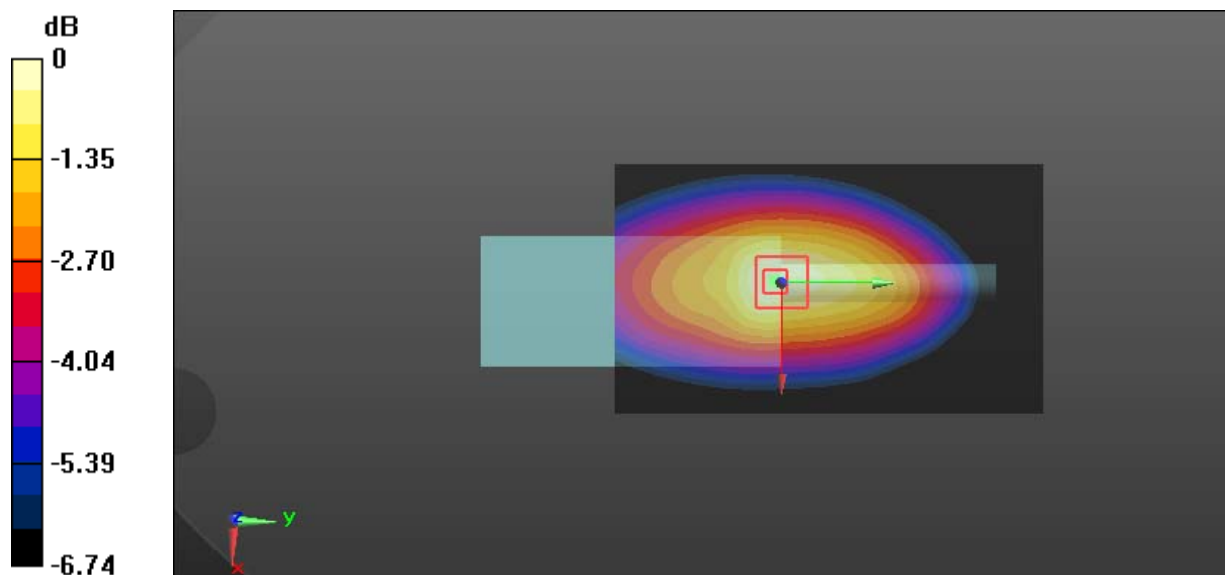
Communication System: FM; Frequency: 452 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 452 \text{ MHz}$ ;  $\sigma = 0.958 \text{ S/m}$ ;  $\epsilon_r = 57.319$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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) =  $10.3 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $94.28 \text{ V/m}$ ; Power Drift =  $-0.17 \text{ dB}$ Peak SAR (extrapolated) =  $12.6 \text{ W/kg}$ **SAR(1 g) =  $7.68 \text{ W/kg}$ ; SAR(10 g) =  $5.73 \text{ W/kg}$** Maximum value of SAR (measured) =  $10.4 \text{ W/kg}$  $0 \text{ dB} = 10.4 \text{ W/kg} = 10.17 \text{ dBW/kg}$

**Test Plot 14#: PTT\_FM 12.5kHz\_Body Back\_469.9875 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 57.157$ ;  $\rho = 1000$  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) = 7.02 W/kg

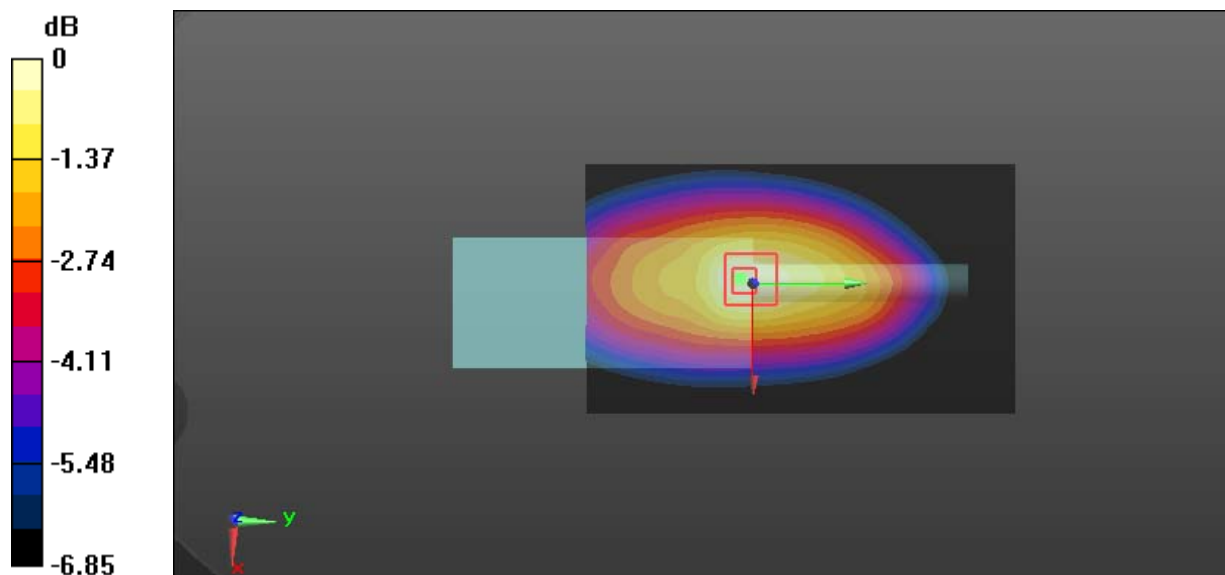
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 75.26 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 8.65 W/kg

**SAR(1 g) = 5.15 W/kg; SAR(10 g) = 3.77 W/kg**

Maximum value of SAR (measured) = 7.04 W/kg



0 dB = 7.04 W/kg = 8.48 dBW/kg

**Test Plot 15#: PTT\_FM 25kHz\_Body Back\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 56.486$ ;  $\rho = 1000$  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

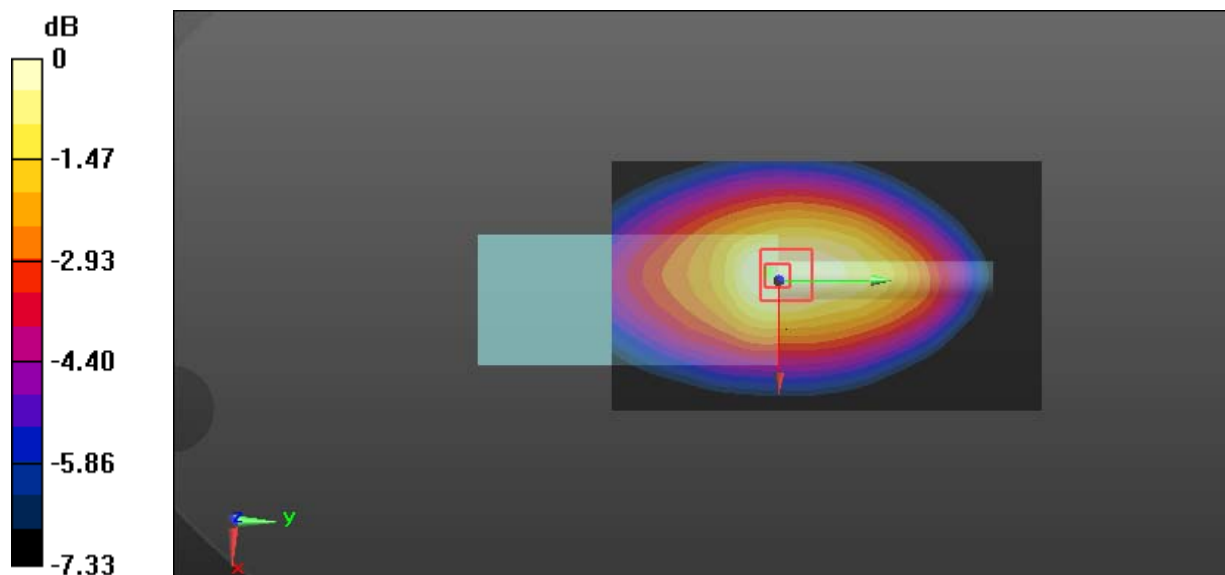
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 104.6 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 15.3 W/kg

**SAR(1 g) = 9.94 W/kg; SAR(10 g) = 7.7 W/kg**

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



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

**Test Plot 16#: PTT\_FM 25kHz\_Body Back\_417 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

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

Medium parameters used:  $f = 417$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 57.042$ ;  $\rho = 1000$  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) = 9.45 W/kg

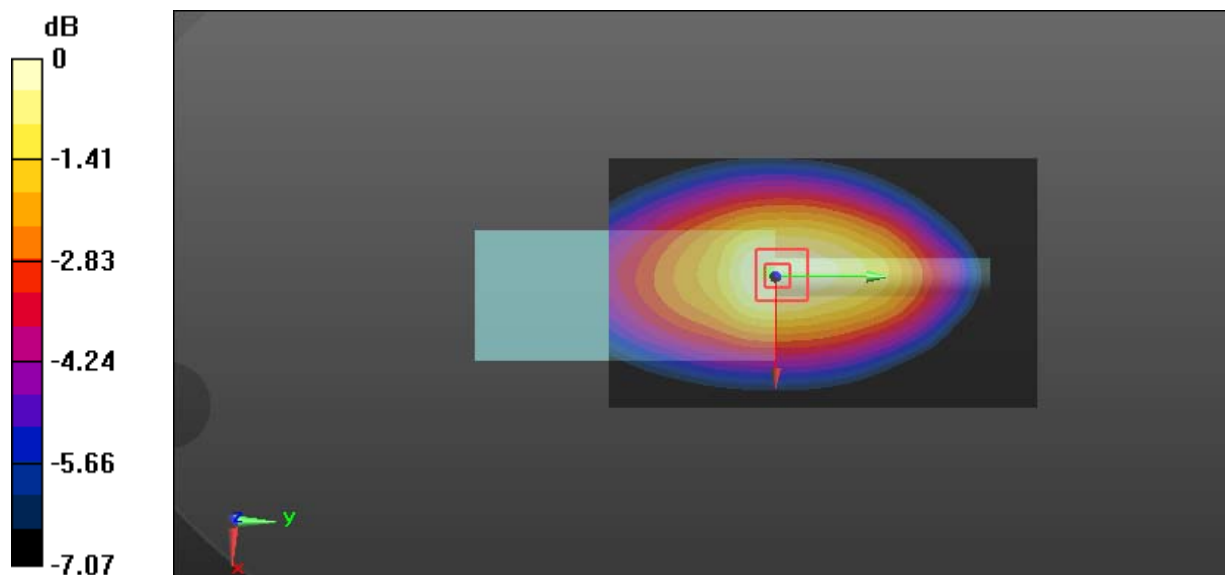
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 90.34 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 11.1 W/kg

**SAR(1 g) = 7.31 W/kg; SAR(10 g) = 5.65 W/kg**

Maximum value of SAR (measured) = 9.32 W/kg



0 dB = 9.32 W/kg = 9.69 dBW/kg



**Test Plot 17#: PTT\_FM 25kHz\_Body Back\_435 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

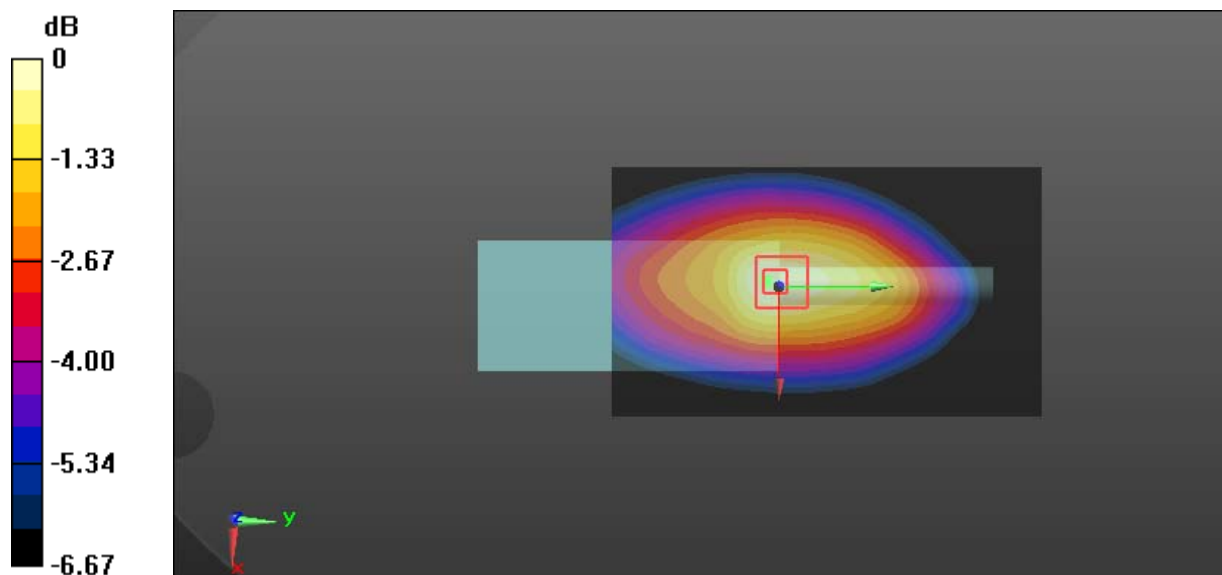
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 435 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 57.188$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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) =  $12.7 \text{ W/kg}$ **Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $106.9 \text{ V/m}$ ; Power Drift =  $-0.10 \text{ dB}$ Peak SAR (extrapolated) =  $15.3 \text{ W/kg}$ **SAR(1 g) =  $9.66 \text{ W/kg}$ ; SAR(10 g) =  $7.34 \text{ W/kg}$** Maximum value of SAR (measured) =  $12.7 \text{ W/kg}$  $0 \text{ dB} = 12.7 \text{ W/kg} = 11.04 \text{ dBW/kg}$

**Test Plot 18#: PTT\_FM 25kHz\_Body Back\_452 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

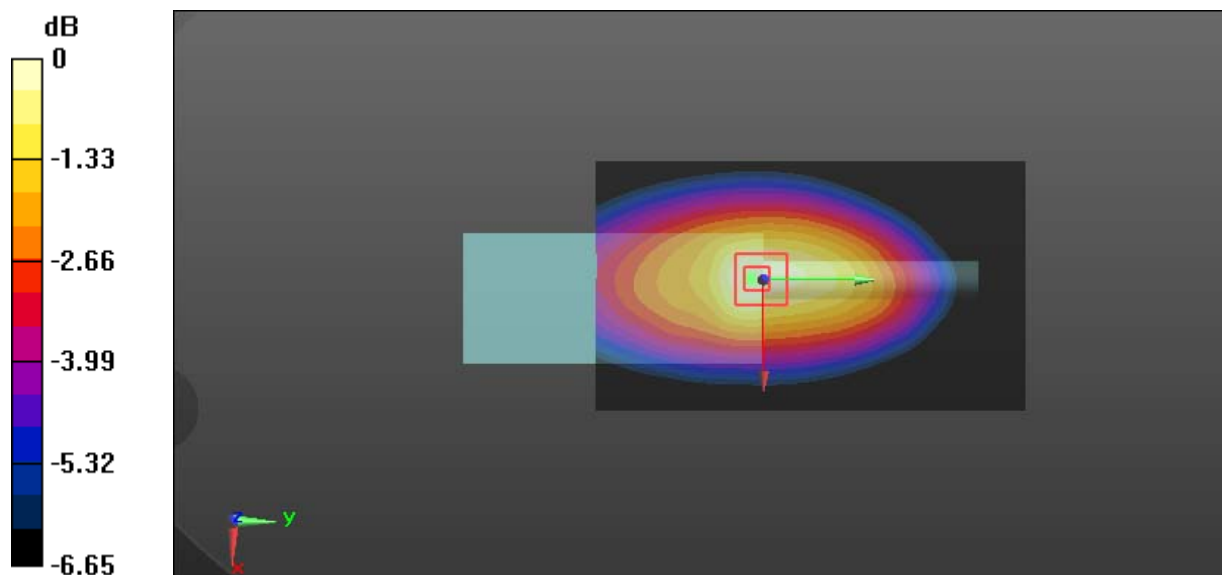
Communication System: FM; Frequency: 452 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 452 \text{ MHz}$ ;  $\sigma = 0.958 \text{ S/m}$ ;  $\epsilon_r = 57.319$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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) =  $9.52 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $88.55 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$ Peak SAR (extrapolated) =  $11.7 \text{ W/kg}$ **SAR(1 g) =  $7.15 \text{ W/kg}$ ; SAR(10 g) =  $5.33 \text{ W/kg}$** Maximum value of SAR (measured) =  $9.54 \text{ W/kg}$  $0 \text{ dB} = 9.54 \text{ W/kg} = 9.80 \text{ dBW/kg}$

**Test Plot 19#: PTT\_FM 25kHz\_Body Back\_469.9875 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 57.157$ ;  $\rho = 1000$  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) = 6.64 W/kg

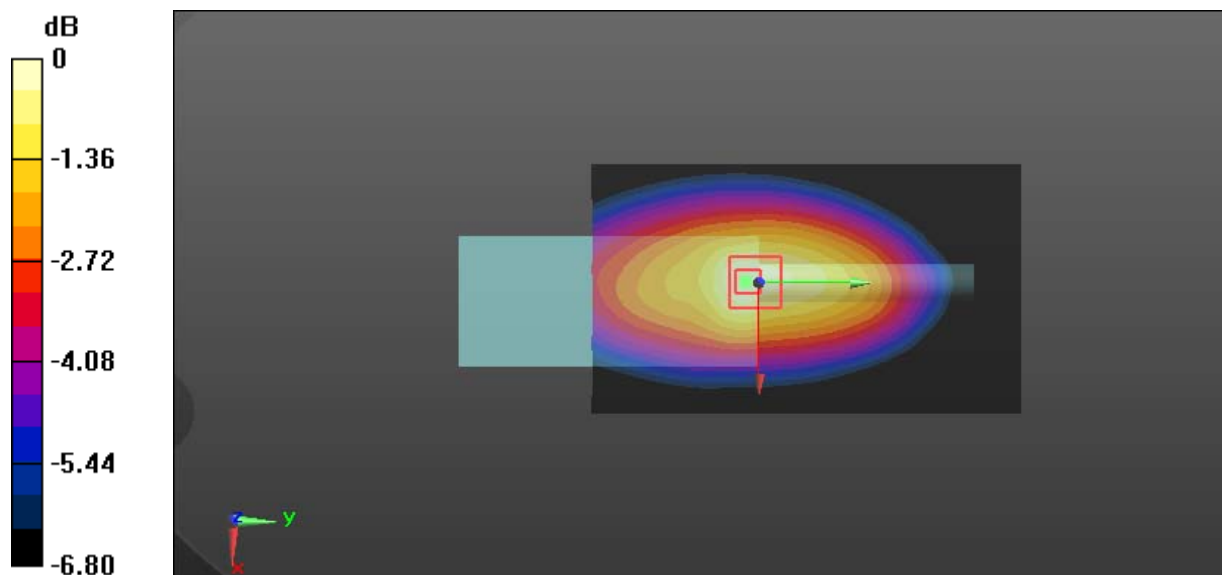
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 73.16 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 8.24 W/kg

**SAR(1 g) = 4.91 W/kg; SAR(10 g) = 3.6 W/kg**

Maximum value of SAR (measured) = 6.72 W/kg



0 dB = 6.72 W/kg = 8.27 dBW/kg

**Test Plot 20#: PTT\_4FSK 12.5kHz\_Body Back\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG U(1); Serial: 18071200420**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 56.486$ ;  $\rho = 1000$  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) = 5.79 W/kg

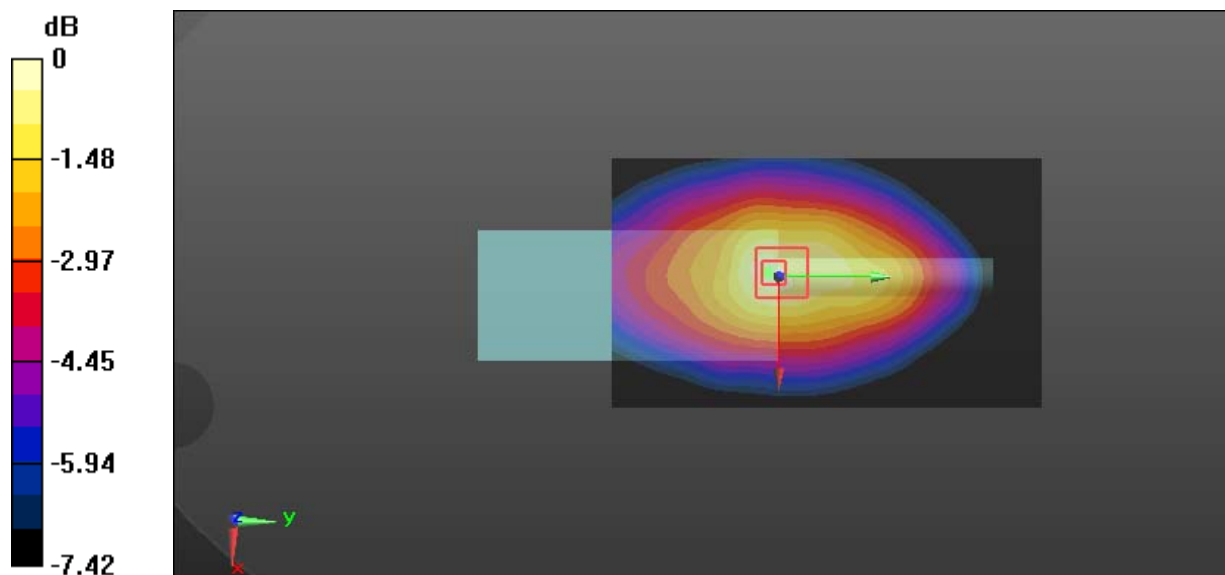
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 69.30 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 7.42 W/kg

**SAR(1 g) = 4.73 W/kg; SAR(10 g) = 3.65 W/kg**

Maximum value of SAR (measured) = 6.18 W/kg



0 dB = 6.18 W/kg = 7.91 dBW/kg

**Test Plot 21#: PTT\_FM 12.5kHz\_Body Back\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD752iG U(1); Serial: 18071200421**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 56.486$ ;  $\rho = 1000$  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) = 13.5 W/kg

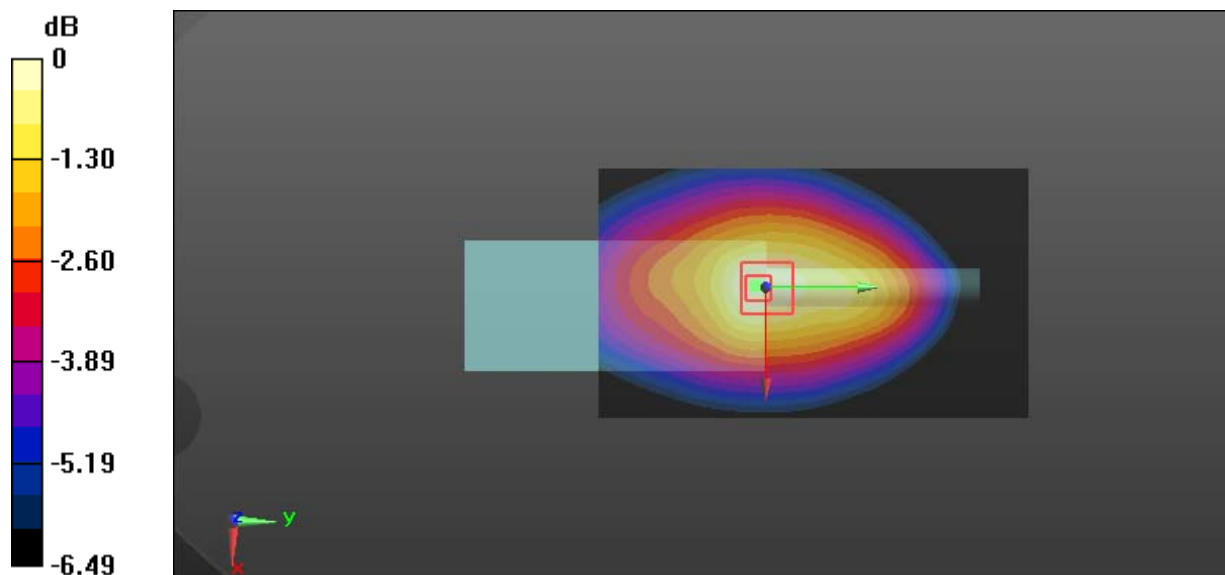
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 109.8 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 15.6 W/kg

**SAR(1 g) = 10.4 W/kg; SAR(10 g) = 7.98 W/kg**

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



0 dB = 13.5 W/kg = 11.30 dBW/kg

**Test Plot 22#: PTT\_FM 12.5kHz\_Body Back\_400.0125 MHz****DUT: Digital Portable Radio; Type: PD702iG U(1); Serial: 18071200422**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 56.486$ ;  $\rho = 1000$  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

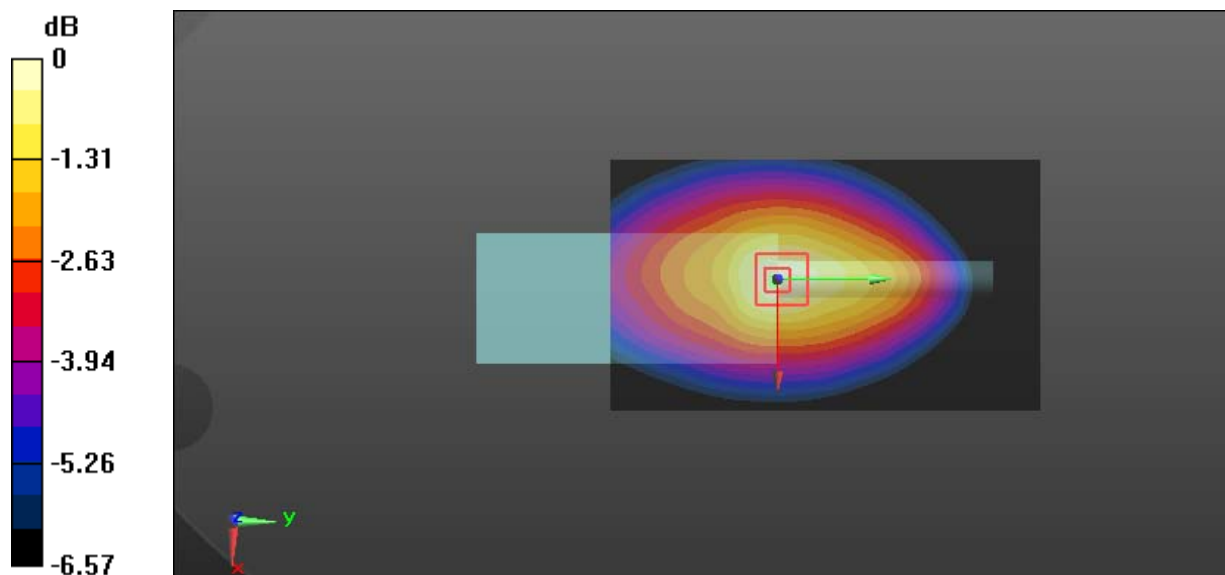
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.6 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 16.3 W/kg

**SAR(1 g) = 10.6 W/kg; SAR(10 g) = 8.08 W/kg**

Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg = 11.43 dBW/kg