

**Test Plot 1#: PTT\_FM 12.5KHz\_Face Up\_400.0125 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH700L U(1); Serial: 17090100521**

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

Medium parameters used:  $f = 400.012 \text{ MHz}$ ;  $\sigma = 0.85 \text{ S/m}$ ;  $\epsilon_r = 44.83$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.43 W/kg

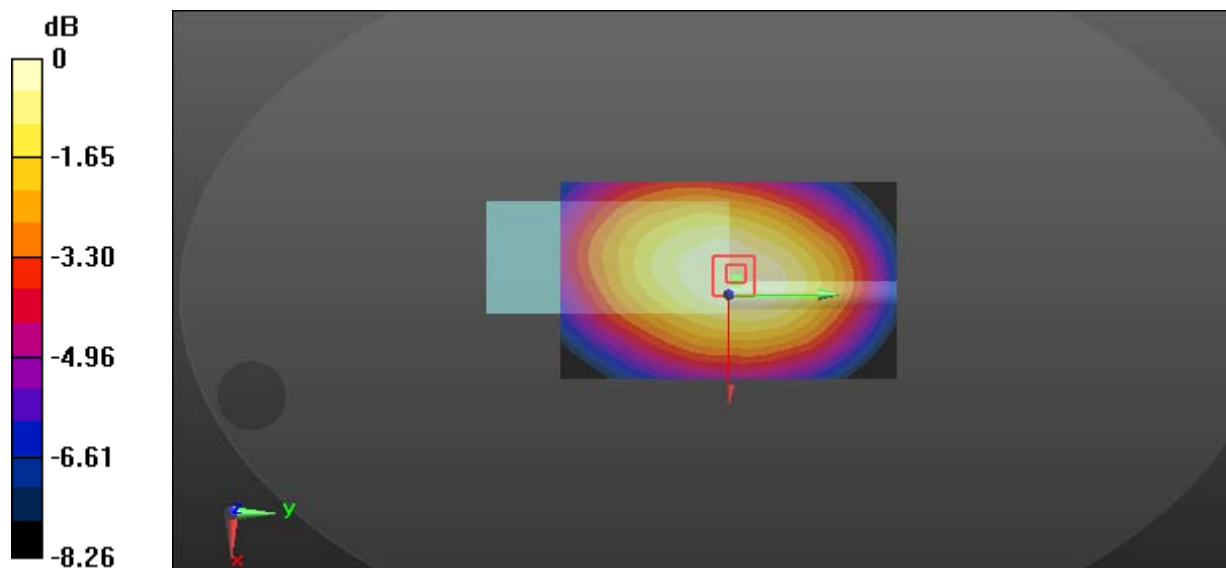
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 86.35 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 9.65 W/kg

**SAR(1 g) = 6.37 W/kg; SAR(10 g) = 4.7 W/kg**

Maximum value of SAR (measured) = 8.26 W/kg



0 dB = 8.26 W/kg = 9.17 dBW/kg

**Test Plot 2#: PTT\_FM 12.5KHz\_Body Back\_400.0125 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH700L U(1); Serial: 17090100521**

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

Medium parameters used:  $f = 400.012 \text{ MHz}$ ;  $\sigma = 0.906 \text{ S/m}$ ;  $\epsilon_r = 57.851$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 13.5 W/kg

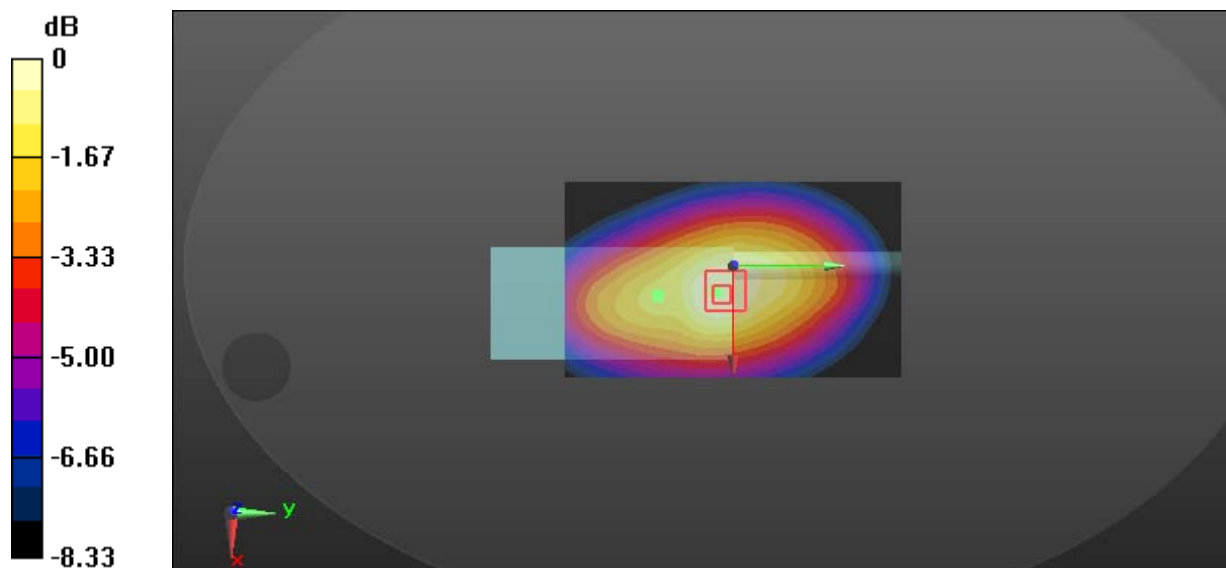
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 105.4 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 15.3 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.24 W/kg**

Maximum value of SAR (measured) = 13.2 W/kg



0 dB = 13.2 W/kg = 11.21 dBW/kg

**Test Plot 3#: PTT\_FM 12.5KHz\_Body Back\_417.5125 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH700L U(1); Serial: 17090100521**

Communication System: FM; Frequency: 417.512 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 417.512 \text{ MHz}$ ;  $\sigma = 0.911 \text{ S/m}$ ;  $\epsilon_r = 57.84$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 12.1 W/kg

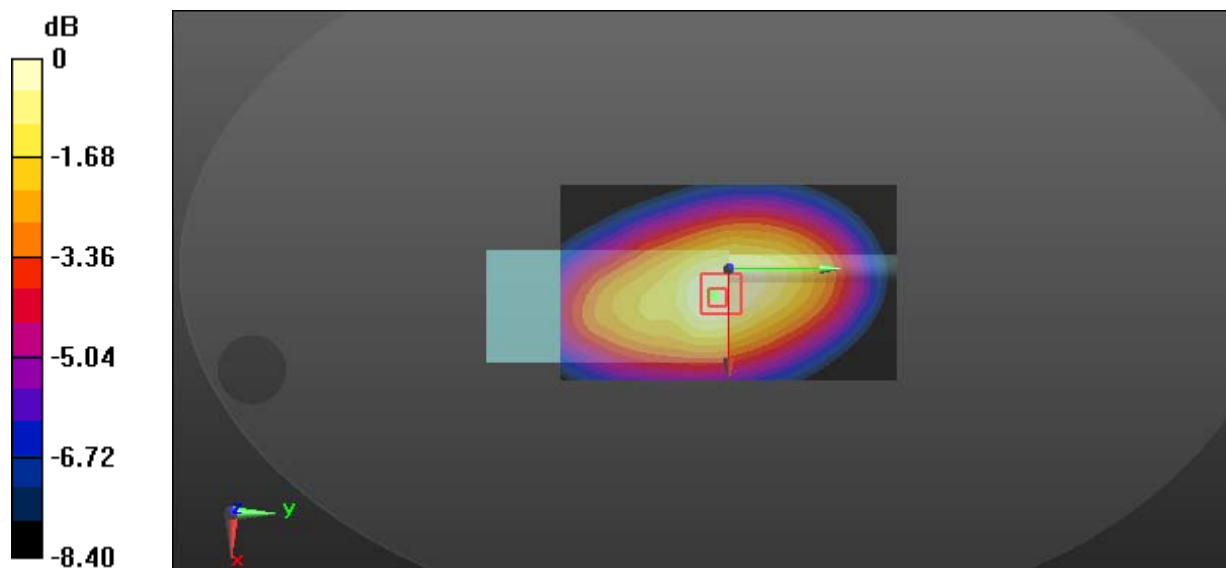
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 94.62 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 13.6 W/kg

**SAR(1 g) = 9.05 W/kg; SAR(10 g) = 6.49 W/kg**

Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 11.7 W/kg = 10.68 dBW/kg

**Test Plot 4#: PTT\_FM 12.5KHz\_Body Back\_435.0125 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH700L U(1); Serial: 17090100521**

Communication System: FM; Frequency: 435.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 435.012 \text{ MHz}$ ;  $\sigma = 0.916 \text{ S/m}$ ;  $\epsilon_r = 57.828$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 9.74 W/kg

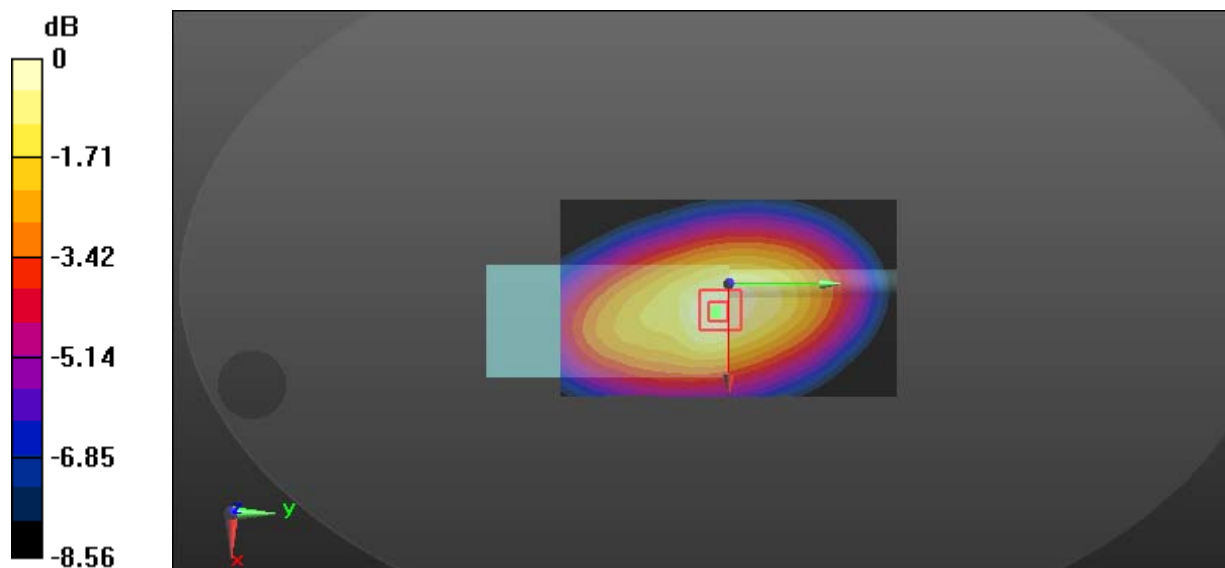
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 83.82 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 11.3 W/kg

**SAR(1 g) = 7.49 W/kg; SAR(10 g) = 5.38 W/kg**

Maximum value of SAR (measured) = 9.87 W/kg



0 dB = 9.87 W/kg = 9.94 dBW/kg

**Test Plot 5#: PTT\_FM 12.5KHz\_Body Back\_452.4875 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH700L U(1); Serial: 17090100521**

Communication System: FM; Frequency: 452.488 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 452.488 \text{ MHz}$ ;  $\sigma = 0.923 \text{ S/m}$ ;  $\epsilon_r = 57.81$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 9.22 W/kg

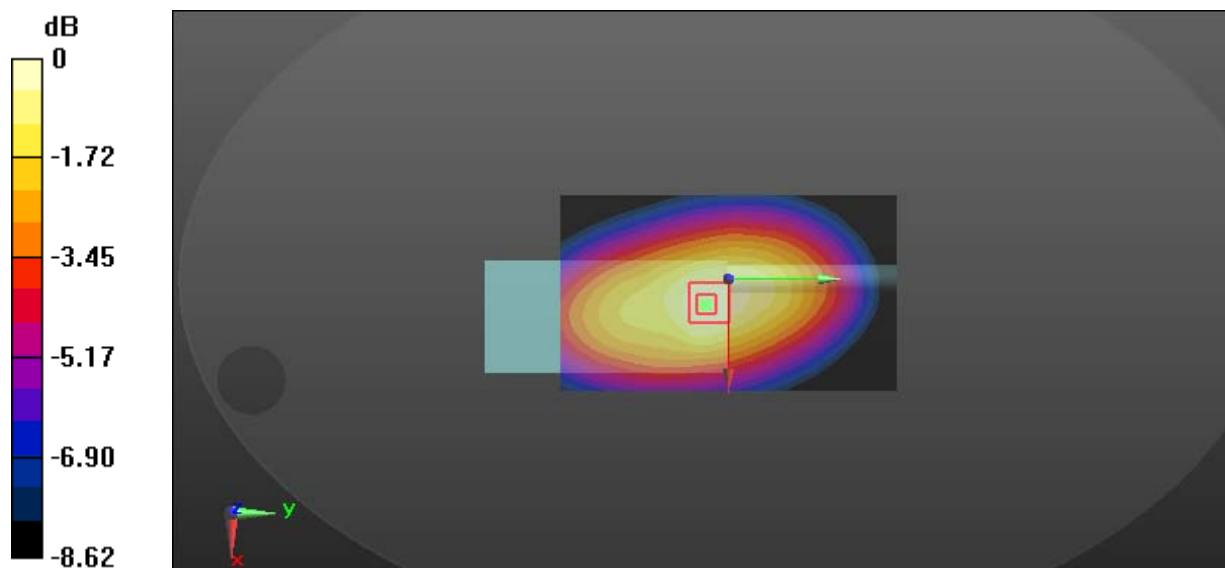
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 80.55 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 10.2 W/kg

**SAR(1 g) = 6.86 W/kg; SAR(10 g) = 4.93 W/kg**

Maximum value of SAR (measured) = 8.93 W/kg



0 dB = 8.93 W/kg = 9.51 dBW/kg

**Test Plot 6#: PTT\_FM 12.5KHz\_Body Back\_469.9875 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH700L U(1); Serial: 17090100521**

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

Medium parameters used:  $f = 469.988 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 57.795$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 5.66 W/kg

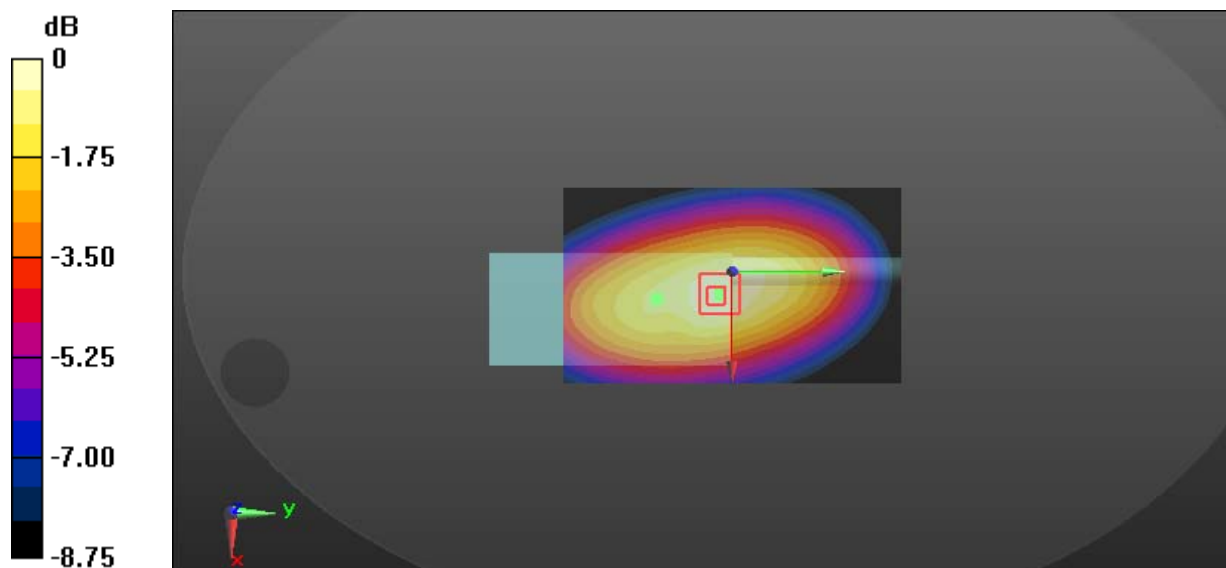
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 64.18 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 6.46 W/kg

**SAR(1 g) = 4.24 W/kg; SAR(10 g) = 3.04 W/kg**

Maximum value of SAR (measured) = 5.54 W/kg



0 dB = 5.54 W/kg = 7.44 dBW/kg

**Test Plot 7#: PTT\_4FSK 12.5KHz\_Face Up\_400.0125 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH700L U(1); Serial: 17090100521**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.85$  S/m;  $\epsilon_r = 44.83$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 4.15 W/kg

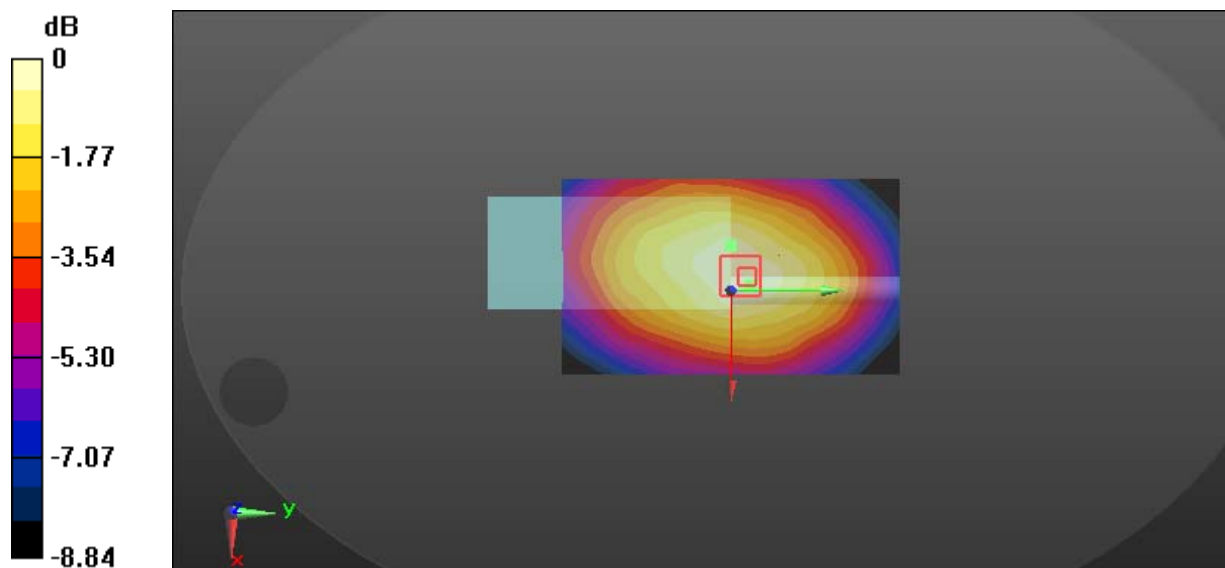
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.28 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.97 W/kg

**SAR(1 g) = 3.17 W/kg; SAR(10 g) = 2.32 W/kg**

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



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

**Test Plot 8#: PTT\_4FSK 12.5KHz\_Body Back\_400.0125 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH700L U(1); Serial: 17090100521**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.906$  S/m;  $\epsilon_r = 57.851$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 7.18 W/kg

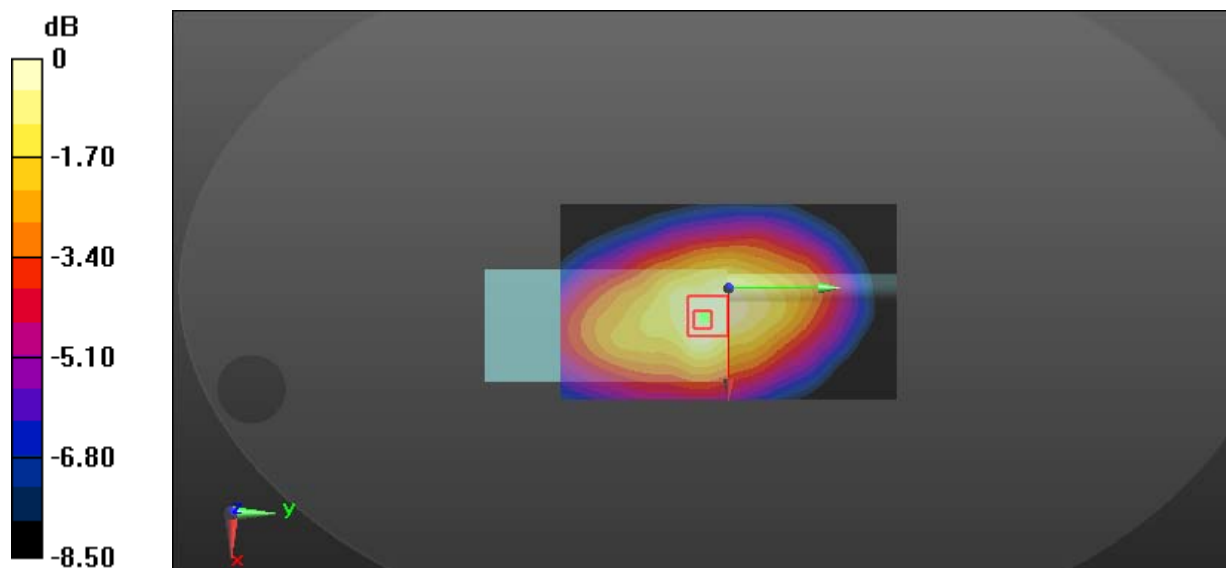
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 73.35 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 8.24 W/kg

**SAR(1 g) = 5.28 W/kg; SAR(10 g) = 3.74 W/kg**

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



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



**Test Plot 9#: PTT\_FM 12.5KHz\_Face Up\_400.0125 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH790L U(1); Serial: 17081500321**

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

Medium parameters used:  $f = 400.012 \text{ MHz}$ ;  $\sigma = 0.85 \text{ S/m}$ ;  $\epsilon_r = 44.83$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 7.99 W/kg

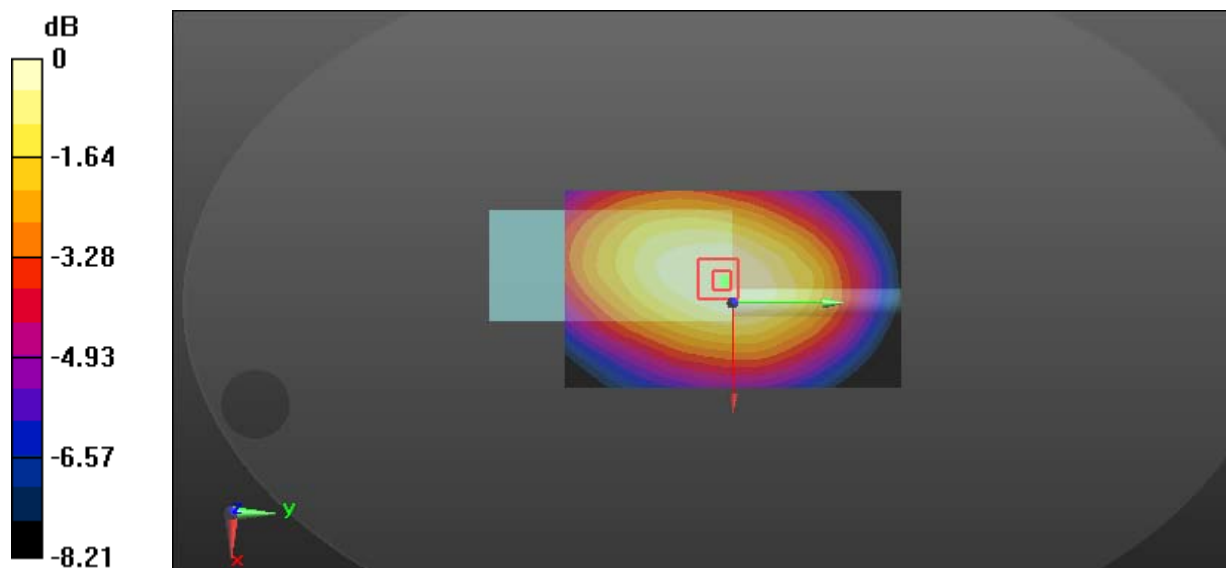
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 86.91 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 8.97 W/kg

**SAR(1 g) = 5.91 W/kg; SAR(10 g) = 4.35 W/kg**

Maximum value of SAR (measured) = 7.73 W/kg



0 dB = 7.73 W/kg = 8.88 dBW/kg

**Test Plot 10#: PTT\_FM 12.5KHz\_Body Back\_400.0125 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH790L U(1); Serial: 17081500321**

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

Medium parameters used:  $f = 400.012 \text{ MHz}$ ;  $\sigma = 0.906 \text{ S/m}$ ;  $\epsilon_r = 57.851$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 12.8 W/kg

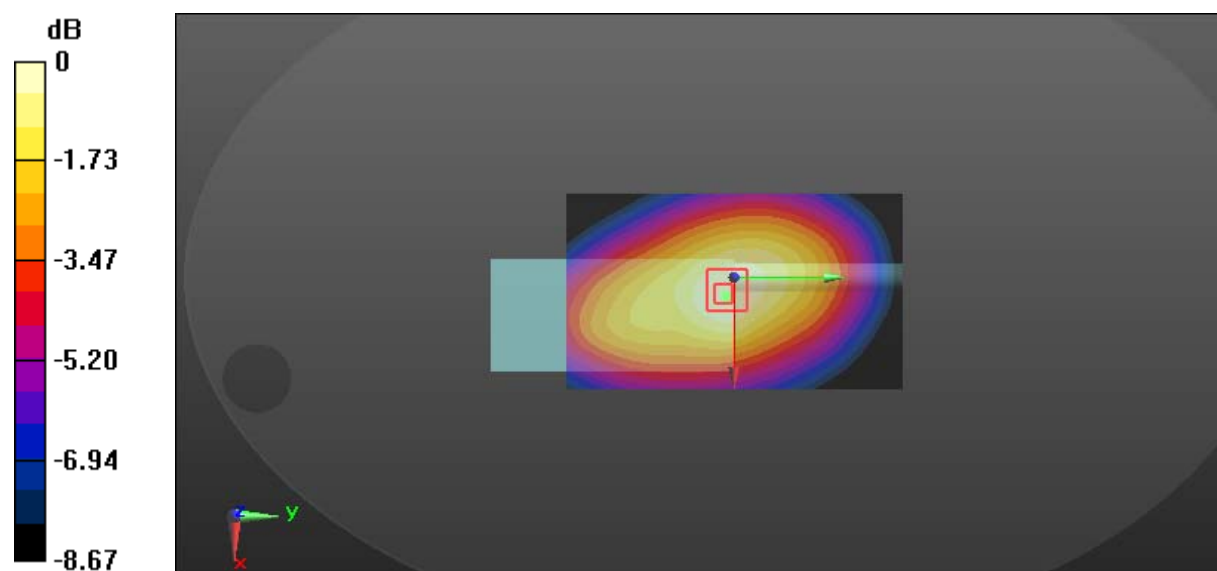
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 99.28 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 14.7 W/kg

**SAR(1 g) = 9.66 W/kg; SAR(10 g) = 6.94 W/kg**

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



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

**Test Plot 11#: PTT\_FM 12.5KHz\_Body Back\_417.5125 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH790L U(1); Serial: 17081500321**

Communication System: FM; Frequency: 417.512 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 417.512 \text{ MHz}$ ;  $\sigma = 0.911 \text{ S/m}$ ;  $\epsilon_r = 57.84$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 11.0 W/kg

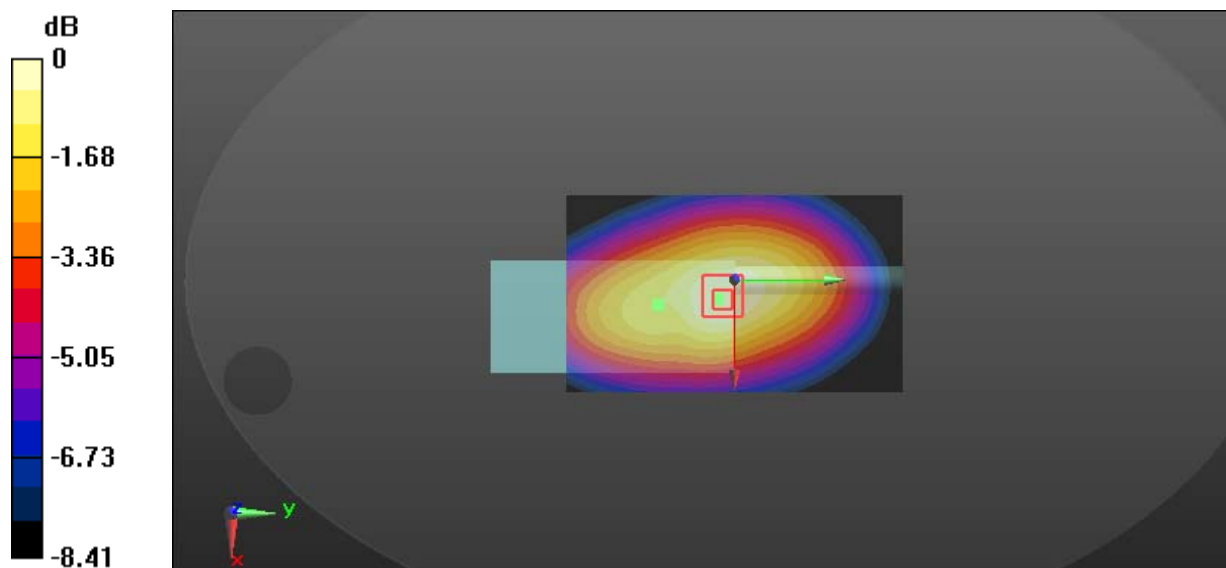
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 92.54 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 12.4 W/kg

**SAR(1 g) = 8.3 W/kg; SAR(10 g) = 5.98 W/kg**

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



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

**Test Plot 12#: PTT\_FM 12.5KHz\_Body Back\_435.0125 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH790L U(1); Serial: 17081500321**

Communication System: FM; Frequency: 435.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 435.012$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 57.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 8.42 W/kg

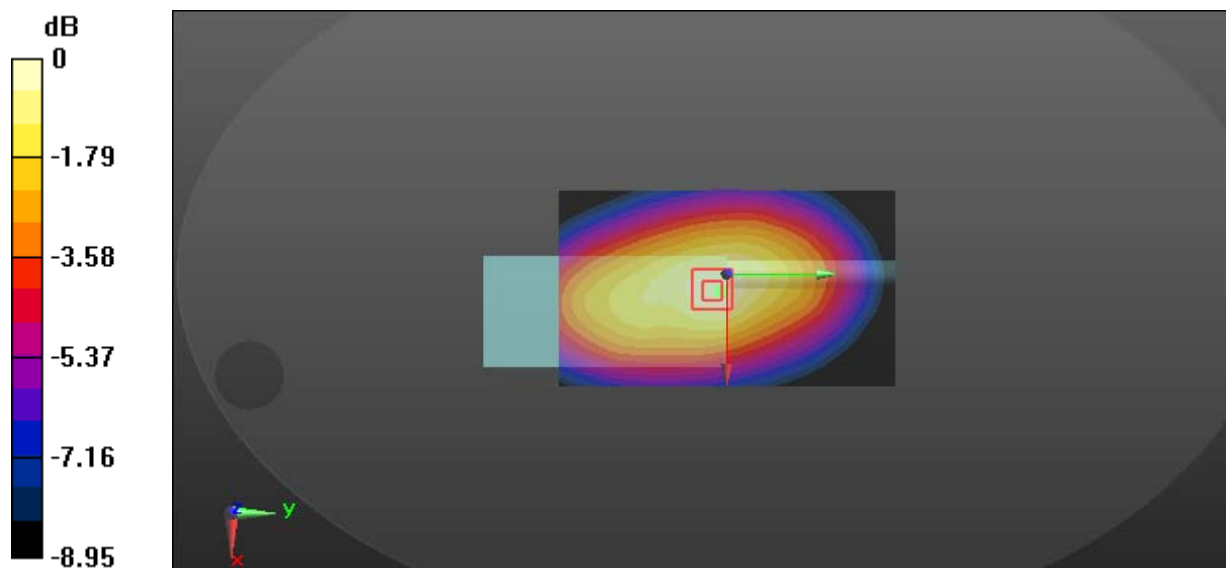
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.83 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 10.1 W/kg

**SAR(1 g) = 6.58 W/kg; SAR(10 g) = 4.7 W/kg**

Maximum value of SAR (measured) = 8.68 W/kg



0 dB = 8.68 W/kg = 9.39 dBW/kg

**Test Plot 13#: PTT\_FM 12.5KHz\_Body Back\_452.4875 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH790L U(1); Serial: 17081500321**

Communication System: FM; Frequency: 452.488 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 452.488 \text{ MHz}$ ;  $\sigma = 0.923 \text{ S/m}$ ;  $\epsilon_r = 57.81$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 8.07 W/kg

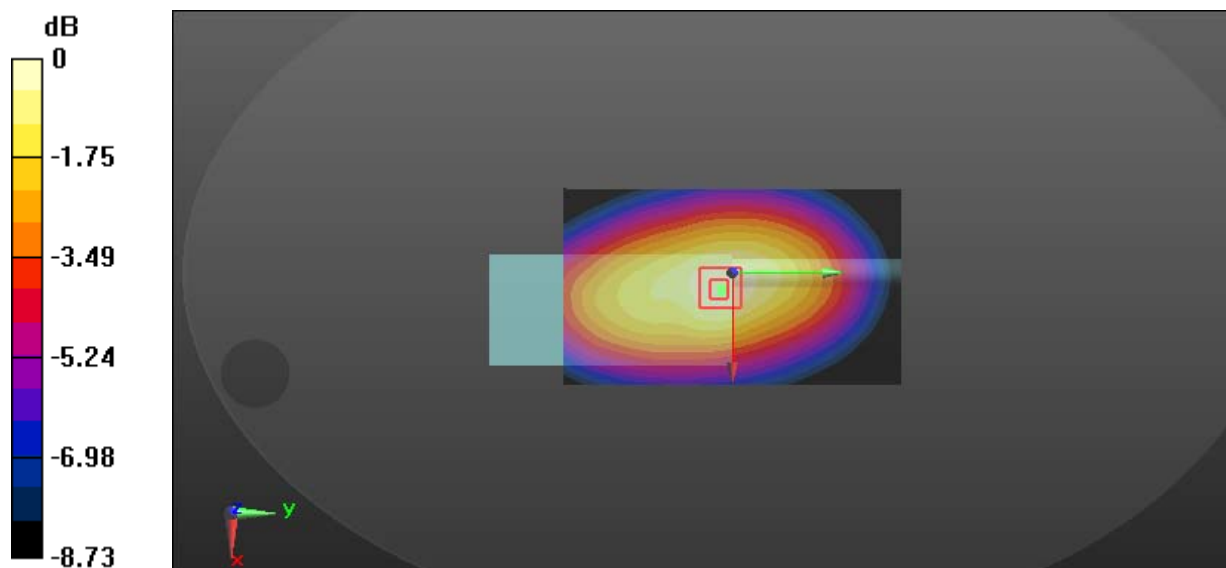
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 79.63 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 9.59 W/kg

**SAR(1 g) = 6.3 W/kg; SAR(10 g) = 4.52 W/kg**

Maximum value of SAR (measured) = 8.22 W/kg



0 dB = 8.22 W/kg = 9.15 dBW/kg

**Test Plot 14#: PTT\_FM 12.5KHz\_Body Back\_469.9875 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH790L U(1); Serial: 17081500321**

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

Medium parameters used:  $f = 469.988 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 57.795$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 5.64 W/kg

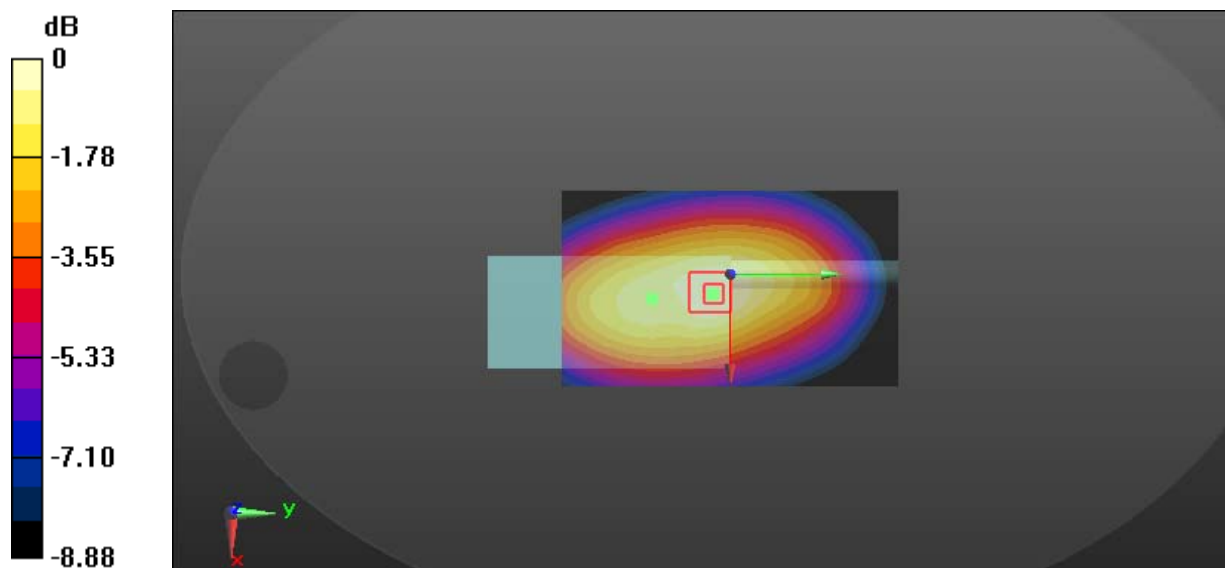
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 69.52 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 6.33 W/kg

**SAR(1 g) = 4.17 W/kg; SAR(10 g) = 3.02 W/kg**

Maximum value of SAR (measured) = 5.50 W/kg



0 dB = 5.50 W/kg = 7.40 dBW/kg

**Test Plot 15#: PTT\_4FSK 12.5KHz\_Face Up\_400.0125 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH790L U(1); Serial: 17081500321**

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

Medium parameters used:  $f = 400.012 \text{ MHz}$ ;  $\sigma = 0.85 \text{ S/m}$ ;  $\epsilon_r = 44.83$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.98, 10.98, 10.98); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 3.93 W/kg

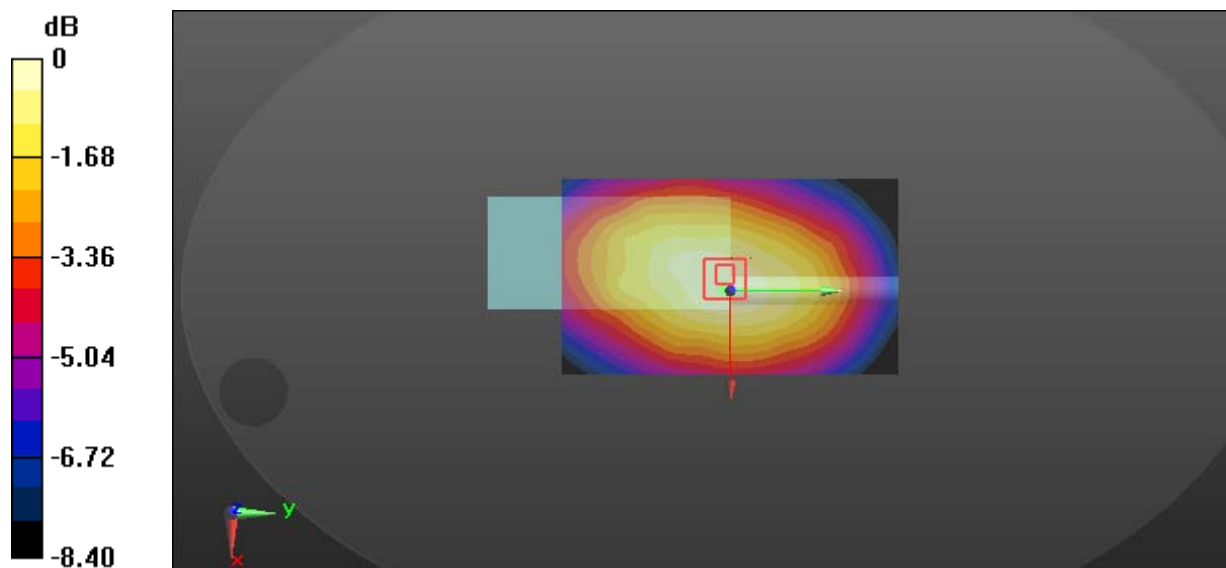
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 58.04 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 4.53 W/kg

**SAR(1 g) = 2.94 W/kg; SAR(10 g) = 2.14 W/kg**

Maximum value of SAR (measured) = 3.84 W/kg



0 dB = 3.84 W/kg = 5.84 dBW/kg

**Test Plot 16#: PTT\_4FSK 12.5KHz\_Body Back\_400.0125 MHz**

**DUT: DIGITAL PORTABLE RADIO; Type: PH790L U(1); Serial: 17081500321**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.906$  S/m;  $\epsilon_r = 57.851$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2016/10/25
- 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) = 7.34 W/kg

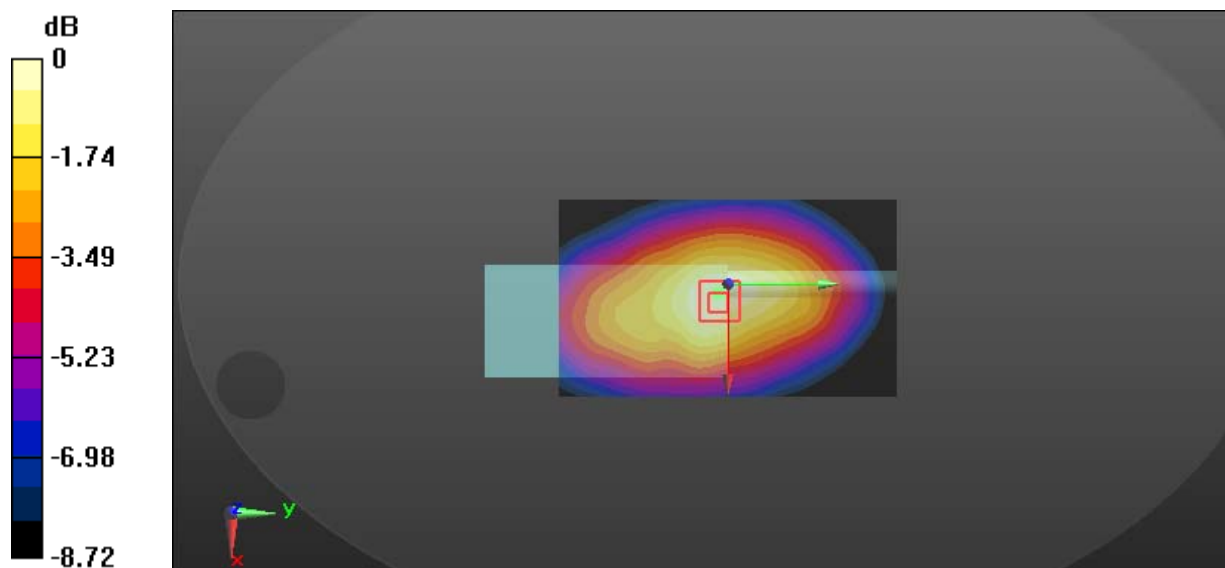
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.71 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 8.64 W/kg

**SAR(1 g) = 5.59 W/kg; SAR(10 g) = 4.05 W/kg**

Maximum value of SAR (measured) = 7.47 W/kg



0 dB = 7.47 W/kg = 8.73 dBW/kg