

**Test Plot 1#: Antenna 1\_PTT\_FM 12.5kHz\_Face Up\_136.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System:FM; Frequency: 136.012 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 136.012$  MHz;  $\sigma = 0.748$  S/m;  $\epsilon_r = 52.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.01 W/kg

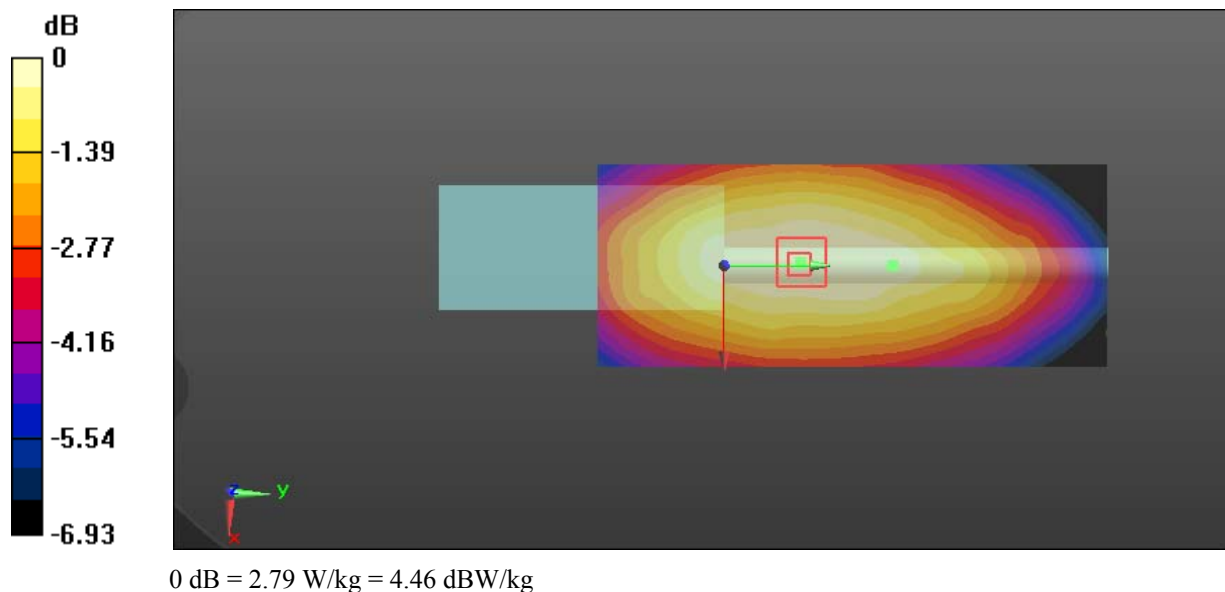
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.00 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.37 W/kg

**SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.64 W/kg**

Maximum value of SAR (measured) = 2.79 W/kg



**Test Plot 2#: Antenna 1\_PTT\_FM 12.5kHz\_Face Up\_141 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

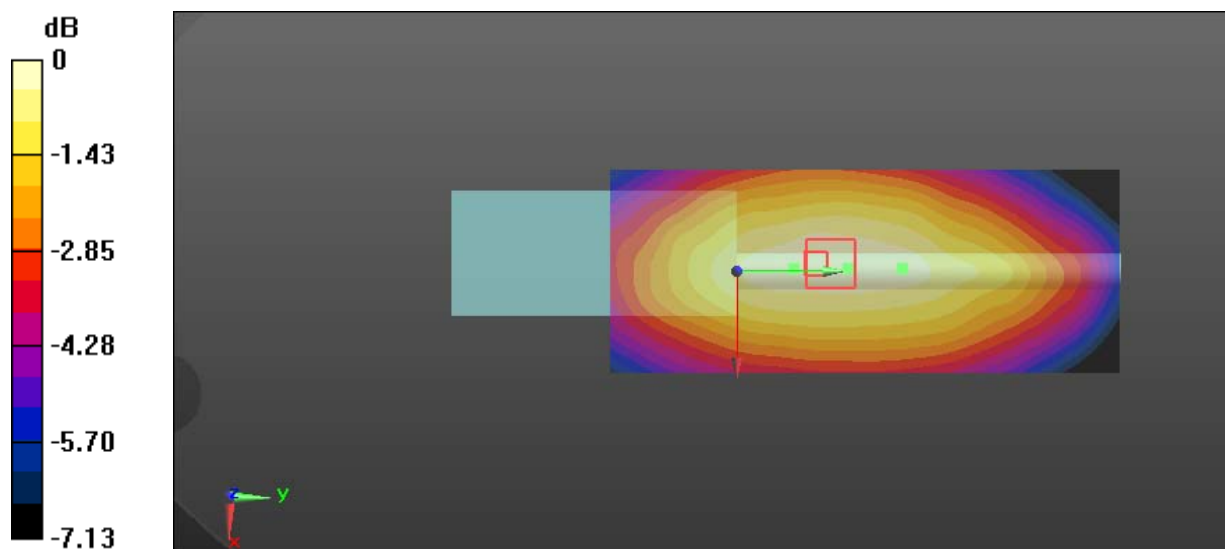
Communication System: FM; Frequency: 141 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 141 \text{ MHz}$ ;  $\sigma = 0.751 \text{ S/m}$ ;  $\epsilon_r = 53.16$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $2.63 \text{ W/kg}$ **Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $47.75 \text{ V/m}$ ; Power Drift =  $0.14 \text{ dB}$ Peak SAR (extrapolated) =  $3.15 \text{ W/kg}$ **SAR(1 g) =  $1.98 \text{ W/kg}$ ; SAR(10 g) =  $1.5 \text{ W/kg}$** Maximum value of SAR (measured) =  $2.64 \text{ W/kg}$  $0 \text{ dB} = 2.64 \text{ W/kg} = 4.22 \text{ dBW/kg}$

**Test Plot 3#: Antenna 1\_PTT\_FM 12.5kHz\_Face Up\_146.9875 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

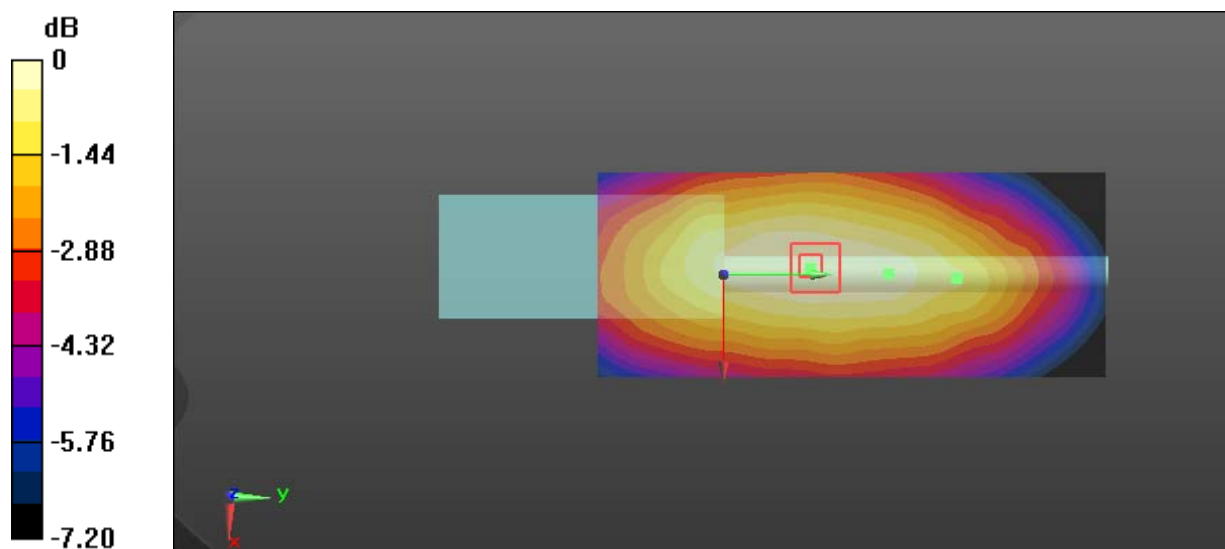
Communication System: FM; Frequency: 146.988 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 146.988 \text{ MHz}$ ;  $\sigma = 0.769 \text{ S/m}$ ;  $\epsilon_r = 51.83$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $1.15 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $33.34 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$ Peak SAR (extrapolated) =  $1.38 \text{ W/kg}$ **SAR(1 g) =  $0.850 \text{ W/kg}$ ; SAR(10 g) =  $0.641 \text{ W/kg}$** Maximum value of SAR (measured) =  $1.13 \text{ W/kg}$  $0 \text{ dB} = 1.13 \text{ W/kg} = 0.53 \text{ dBW/kg}$

**Test Plot 4#: Antenna 1\_PTT\_FM 25kHz\_Face Up\_136.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 136.012$  MHz;  $\sigma = 0.748$  S/m;  $\epsilon_r = 52.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.51 W/kg

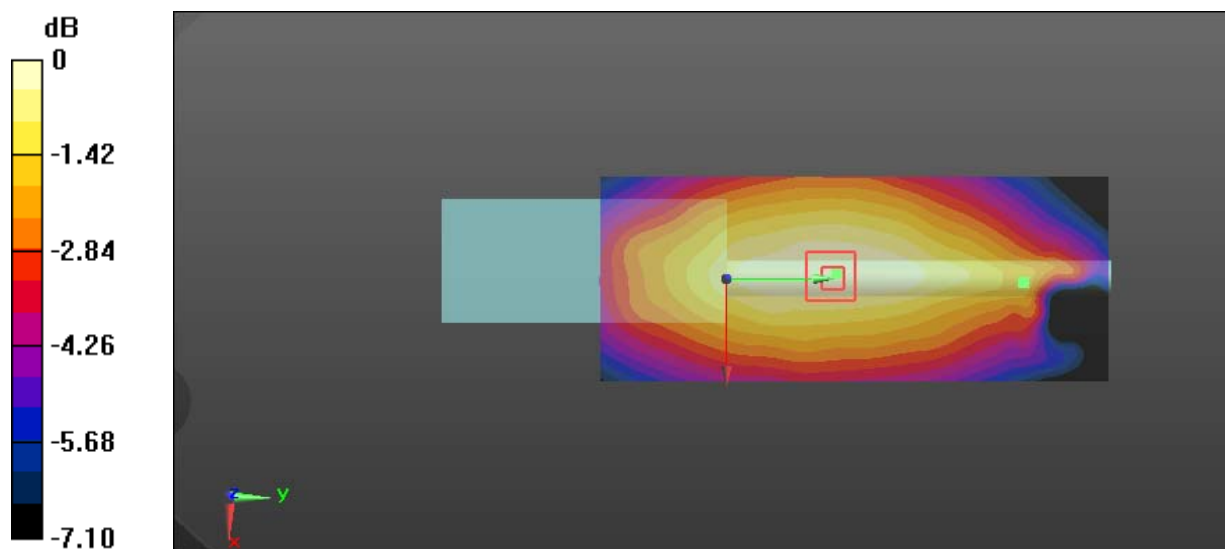
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.73 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.95 W/kg

**SAR(1 g) = 1.88 W/kg; SAR(10 g) = 1.43 W/kg**

Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.46 W/kg = 3.91 dBW/kg

**Test Plot 5#: Antenna 1\_PTT\_4FSK 12.5kHz\_Face Up\_136.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: 4FSK; Frequency: 136.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 136.012$  MHz;  $\sigma = 0.748$  S/m;  $\epsilon_r = 52.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

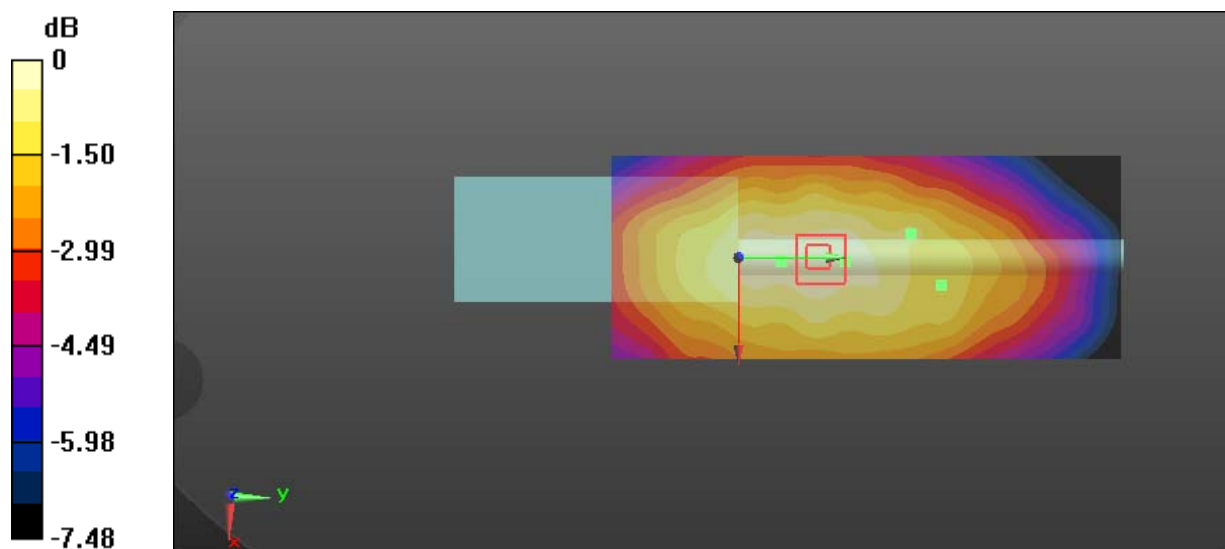
**Zoom Scan (5x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.11 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.943 W/kg; SAR(10 g) = 0.712 W/kg**

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

**Test Plot 6#: Antenna 1\_PTT\_FM 12.5kHz\_Face Up\_136.0125 MHz****DUT: Digital Portable Radio; Type: PD752iG VHF; Serial: 18081600721**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 136.012$  MHz;  $\sigma = 0.748$  S/m;  $\epsilon_r = 52.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.71 W/kg

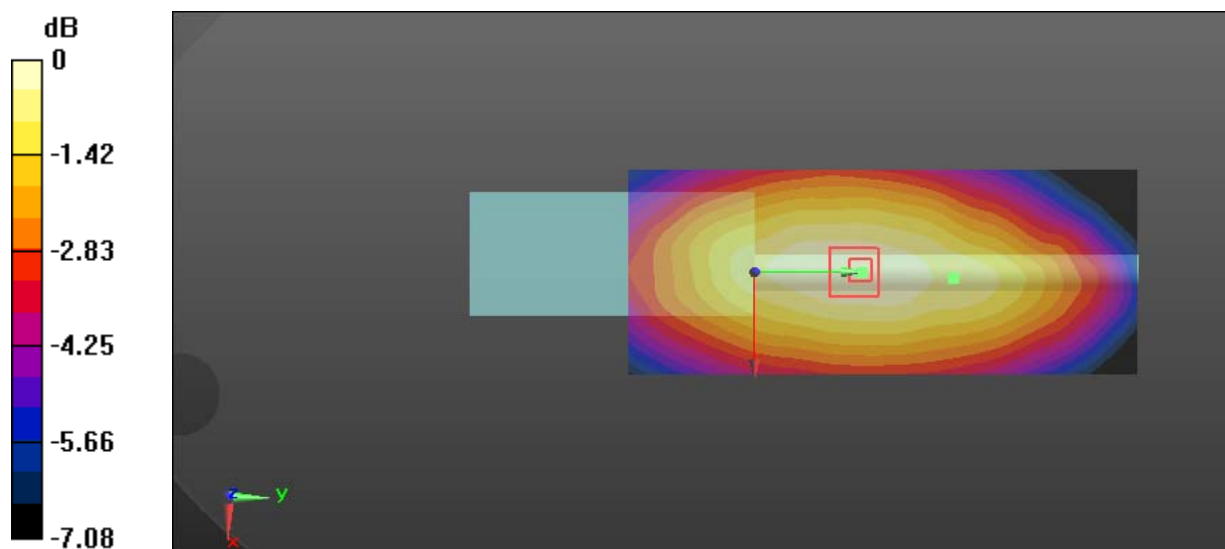
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.41 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.23 W/kg

**SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.55 W/kg**

Maximum value of SAR (measured) = 2.69 W/kg



0 dB = 2.69 W/kg = 4.30 dBW/kg

**Test Plot 7#: Antenna 1\_PTT\_FM 12.5kHz\_Face Up\_136.0125 MHz****DUT: Digital Portable Radio; Type: PD702iG VHF; Serial: 18081600722**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 136.012$  MHz;  $\sigma = 0.748$  S/m;  $\epsilon_r = 52.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.50 W/kg

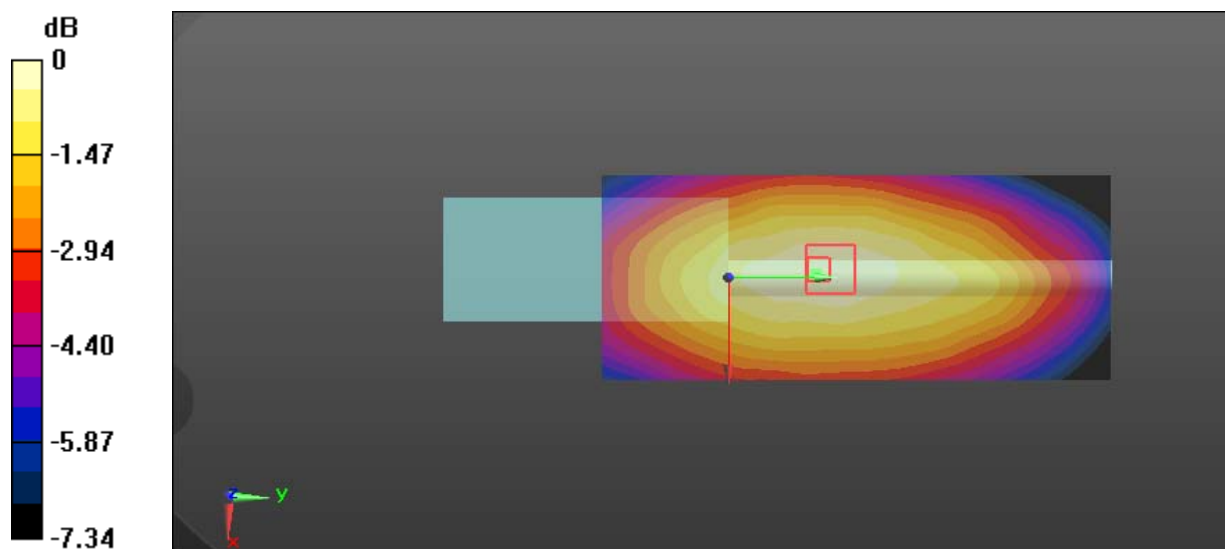
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.14 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.03 W/kg

**SAR(1 g) = 1.91 W/kg; SAR(10 g) = 1.45 W/kg**

Maximum value of SAR (measured) = 2.53 W/kg



0 dB = 2.53 W/kg = 4.03 dBW/kg

**Test Plot 8#: Antenna 1\_PTT\_FM 12.5kHz\_Body Back\_136.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 136.012$  MHz;  $\sigma = 0.81$  S/m;  $\epsilon_r = 61.89$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 8.70 W/kg

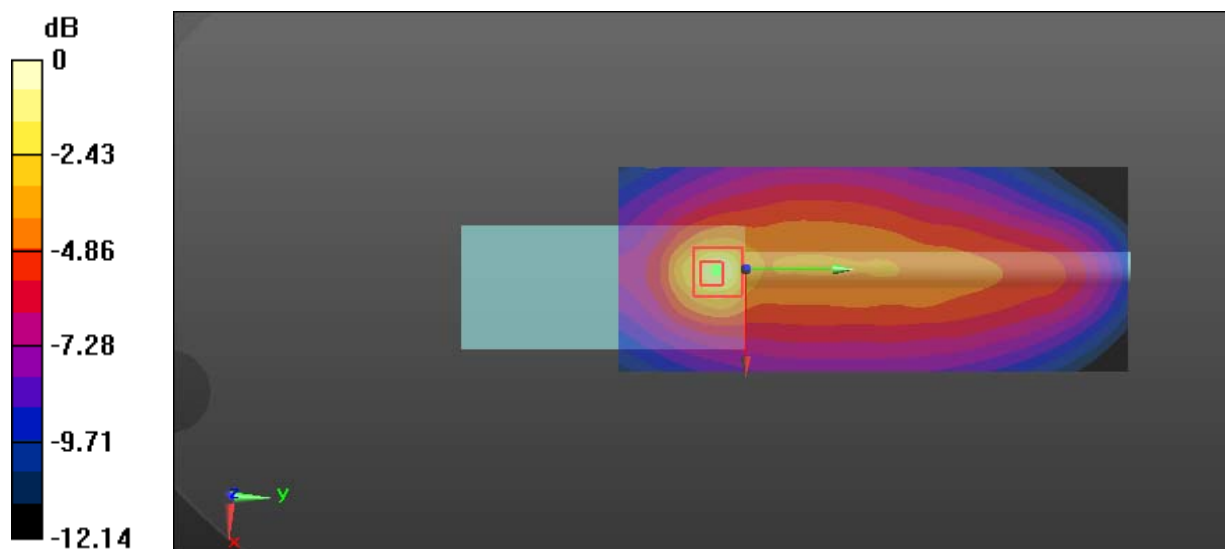
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 71.23 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 16.7 W/kg

**SAR(1 g) = 5.86 W/kg; SAR(10 g) = 3.26 W/kg**

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg



**Test Plot 9#: Antenna 1\_PTT\_FM 12.5kHz\_Body Back\_141 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

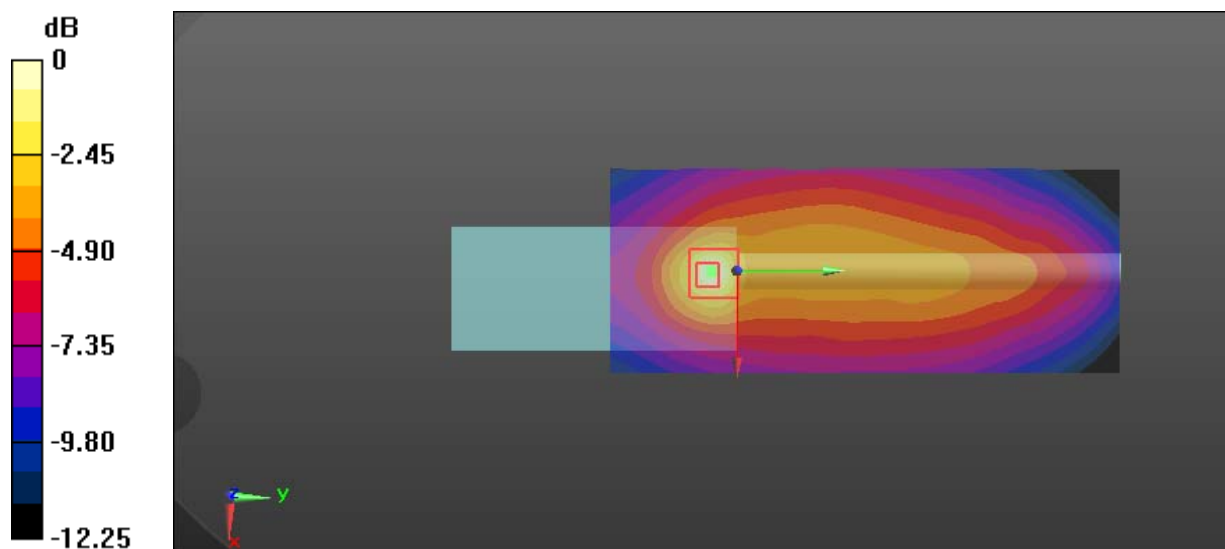
Communication System: FM; Frequency: 141 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 141 \text{ MHz}$ ;  $\sigma = 0.794 \text{ S/m}$ ;  $\epsilon_r = 61.993$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $7.52 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $62.46 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$ Peak SAR (extrapolated) =  $11.4 \text{ W/kg}$ **SAR(1 g) =  $4.16 \text{ W/kg}$ ; SAR(10 g) =  $2.36 \text{ W/kg}$** Maximum value of SAR (measured) =  $7.53 \text{ W/kg}$  $0 \text{ dB} = 7.53 \text{ W/kg} = 8.77 \text{ dBW/kg}$

**Test Plot 10#: Antenna 1\_PTT\_FM 12.5kHz\_Body Back\_146.9875 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

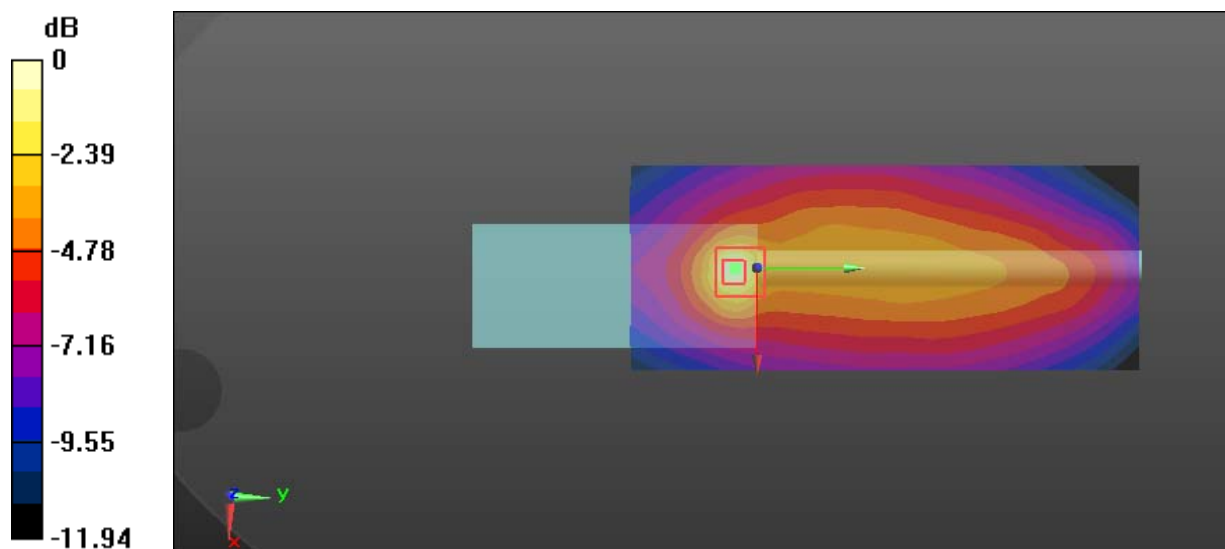
Communication System: FM; Frequency: 146.988 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 146.988 \text{ MHz}$ ;  $\sigma = 0.807 \text{ S/m}$ ;  $\epsilon_r = 61.95$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $6.54 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $47.26 \text{ V/m}$ ; Power Drift =  $0.07 \text{ dB}$ Peak SAR (extrapolated) =  $9.58 \text{ W/kg}$ **SAR(1 g) =  $3.38 \text{ W/kg}$ ; SAR(10 g) =  $1.93 \text{ W/kg}$** Maximum value of SAR (measured) =  $6.22 \text{ W/kg}$  $0 \text{ dB} = 6.22 \text{ W/kg} = 7.94 \text{ dBW/kg}$

**Test Plot 11#: Antenna 1\_PTT\_FM 25kHz\_Body Back\_136.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 136.012$  MHz;  $\sigma = 0.81$  S/m;  $\epsilon_r = 61.89$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 9.37 W/kg

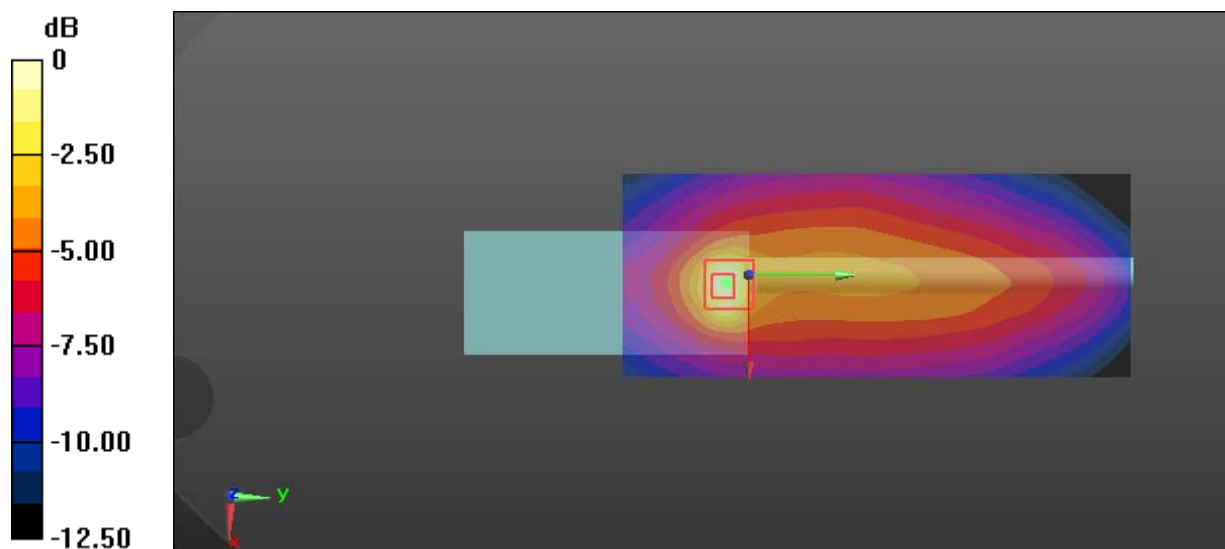
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 66.79 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 14.9 W/kg

**SAR(1 g) = 5.24 W/kg; SAR(10 g) = 2.9 W/kg**

Maximum value of SAR (measured) = 9.55 W/kg



0 dB = 9.55 W/kg = 9.80 dBW/kg

**Test Plot 12#: Antenna 1\_PTT\_4FSK 12.5kHz\_Body Back\_136.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: 4FSK; Frequency: 136.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 136.012$  MHz;  $\sigma = 0.81$  S/m;  $\epsilon_r = 61.89$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.33 W/kg

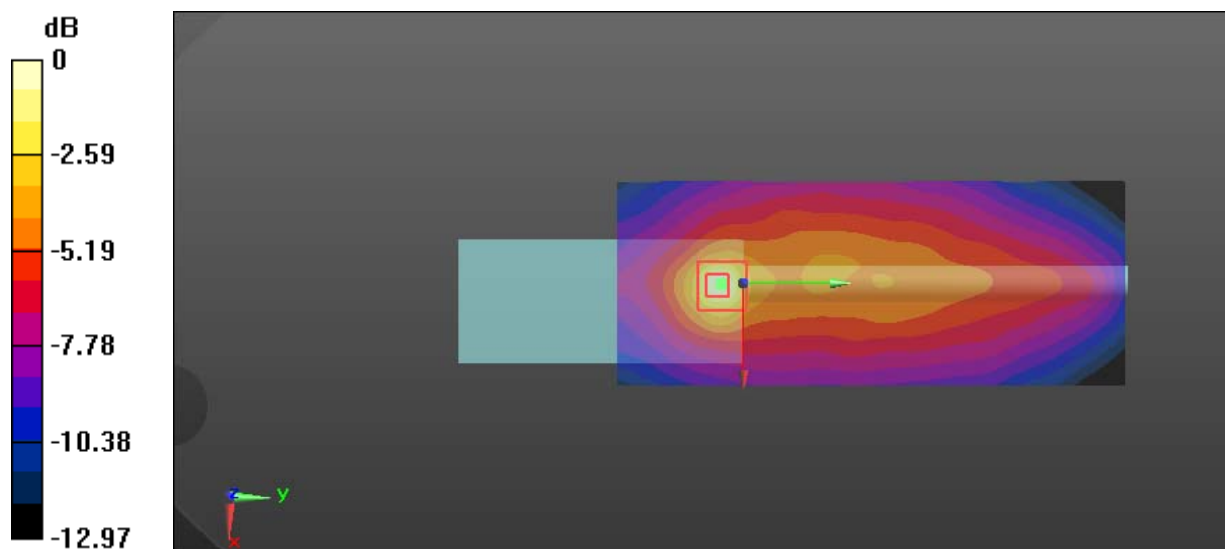
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.02 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 8.14 W/kg

**SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.47 W/kg**

Maximum value of SAR (measured) = 5.15 W/kg



0 dB = 5.15 W/kg = 7.12 dBW/kg

**Test Plot 13#: Antenna 1\_PTT\_FM 12.5kHz\_Body Back\_136.0125 MHz****DUT: Digital Portable Radio; Type: PD752iG VHF; Serial: 18081600721**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 136.012$  MHz;  $\sigma = 0.81$  S/m;  $\epsilon_r = 61.89$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.3 W/kg

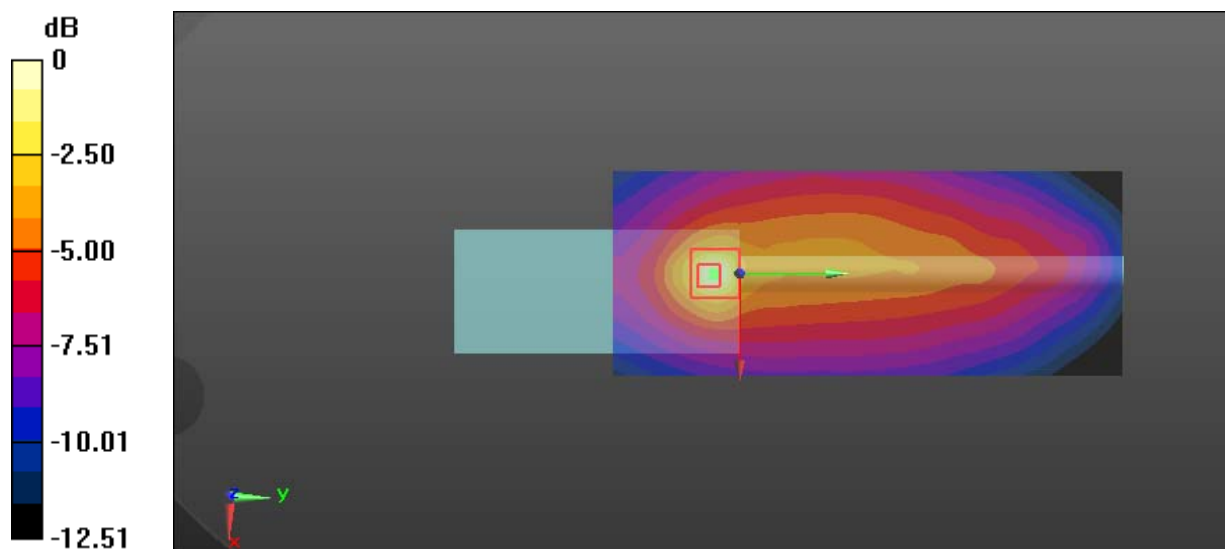
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 67.98 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 16.6 W/kg

**SAR(1 g) = 5.75 W/kg; SAR(10 g) = 3.18 W/kg**

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



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

**Test Plot 14#: Antenna 1\_PTT\_FM 12.5kHz\_Body Back\_136.0125 MHz****DUT: Digital Portable Radio; Type: PD702iG VHF; Serial: 18081600722**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 136.012$  MHz;  $\sigma = 0.81$  S/m;  $\epsilon_r = 61.89$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.5 W/kg

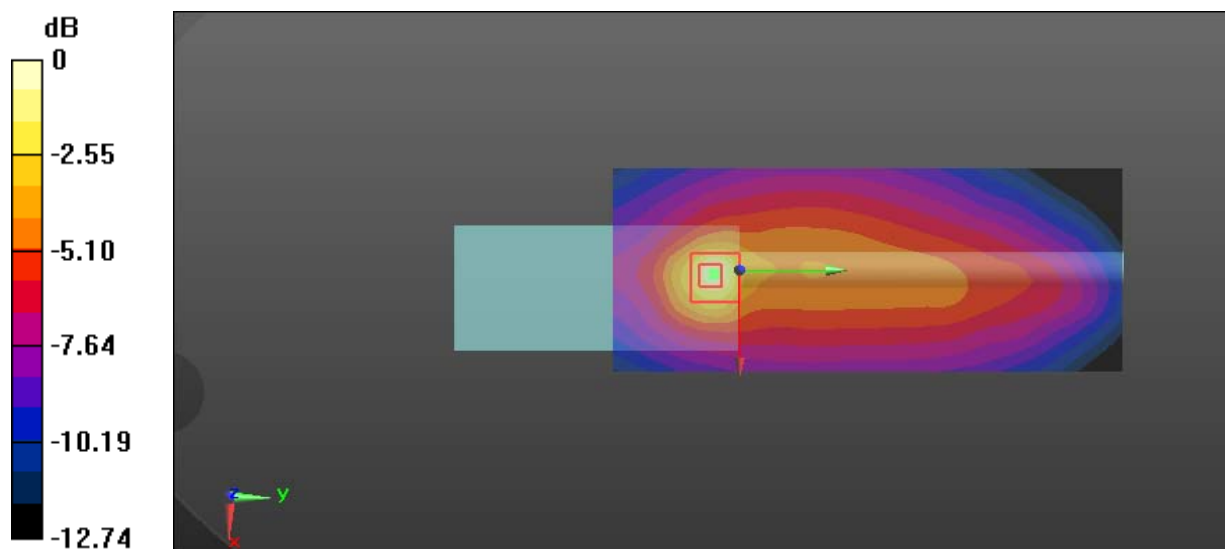
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 67.42 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.0 W/kg

**SAR(1 g) = 5.77 W/kg; SAR(10 g) = 3.15 W/kg**

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

**Test Plot 15#: Antenna 2\_PTT\_FM 12.5kHz\_ Face Up \_147.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System:FM; Frequency: 147.012 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 147.012$  MHz;  $\sigma = 0.757$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.55 W/kg

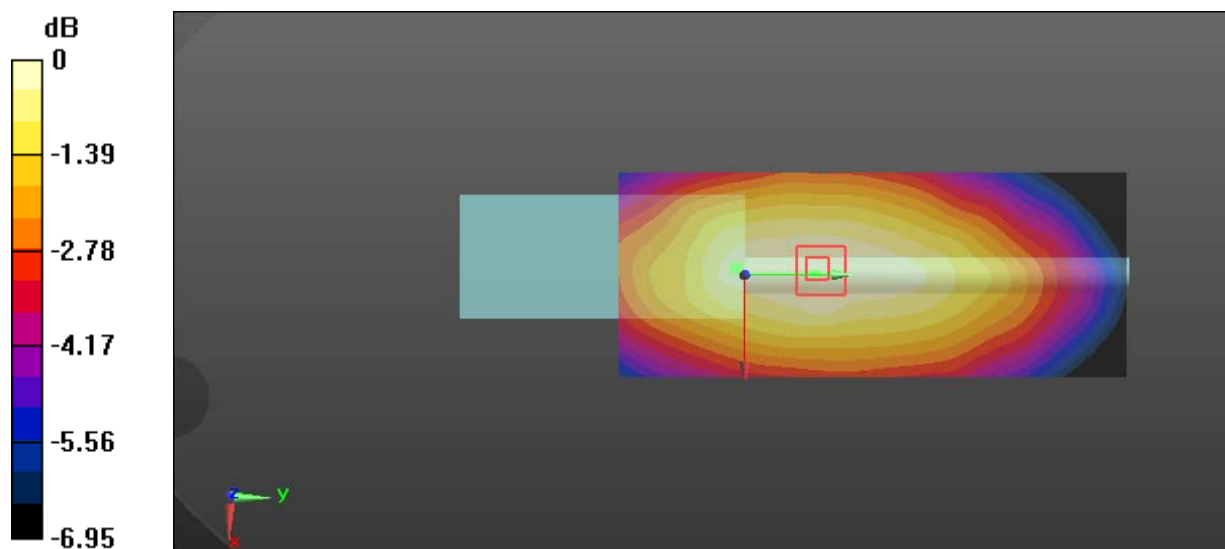
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.30 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.15 W/kg

**SAR(1 g) = 2.64 W/kg; SAR(10 g) = 2.01 W/kg**

Maximum value of SAR (measured) = 3.45 W/kg



0 dB = 3.45 W/kg = 5.38 dBW/kg

**Test Plot 16#: Antenna 2\_PTT\_FM 12.5kHz\_ Face Up \_154 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

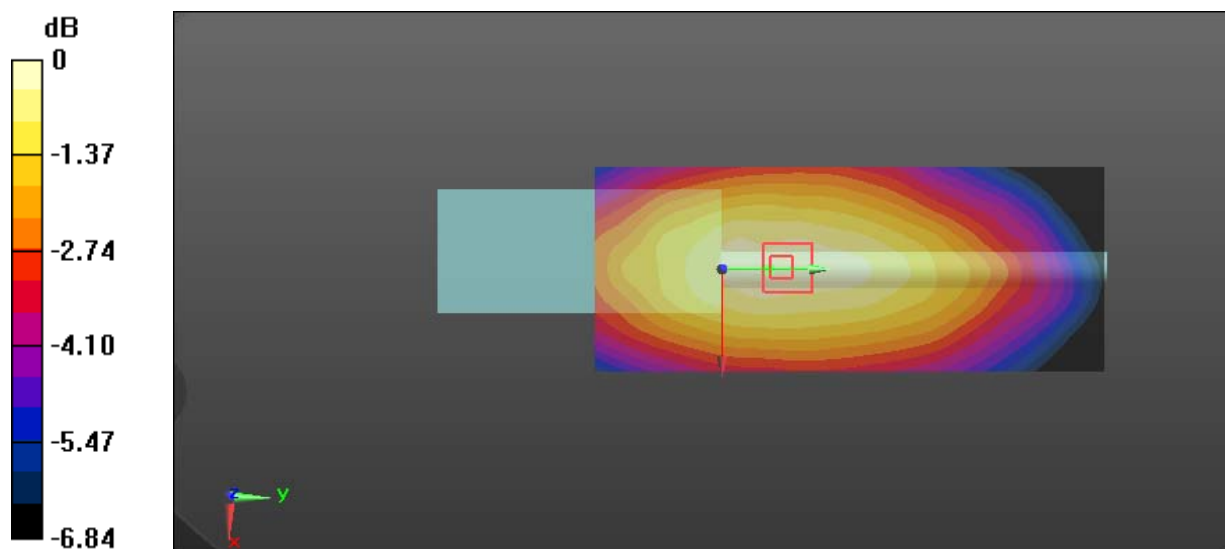
Communication System: FM; Frequency: 154 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 154 \text{ MHz}$ ;  $\sigma = 0.754 \text{ S/m}$ ;  $\epsilon_r = 51.016$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $2.10 \text{ W/kg}$ **Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $33.84 \text{ V/m}$ ; Power Drift =  $-0.19 \text{ dB}$ Peak SAR (extrapolated) =  $2.60 \text{ W/kg}$ **SAR(1 g) =  $1.67 \text{ W/kg}$ ; SAR(10 g) =  $1.28 \text{ W/kg}$** Maximum value of SAR (measured) =  $2.17 \text{ W/kg}$  $0 \text{ dB} = 2.17 \text{ W/kg} = 3.36 \text{ dBW/kg}$



**Test Plot 17#: Antenna 2\_PTT\_FM 12.5kHz\_ Face Up \_159.9875 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

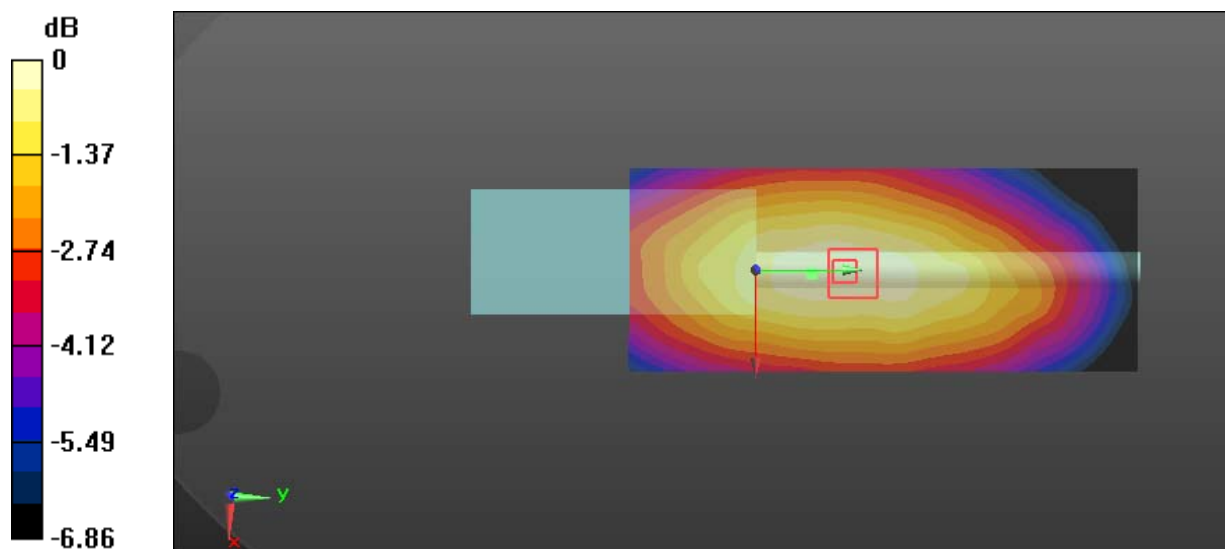
Communication System:FM; Frequency: 159.988 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 159.988 \text{ MHz}$ ;  $\sigma = 0.79 \text{ S/m}$ ;  $\epsilon_r = 51.241$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $2.41 \text{ W/kg}$ **Zoom Scan (5x7x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $46.07 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$ Peak SAR (extrapolated) =  $2.95 \text{ W/kg}$ **SAR(1 g) =  $1.93 \text{ W/kg}$ ; SAR(10 g) =  $1.48 \text{ W/kg}$** Maximum value of SAR (measured) =  $2.50 \text{ W/kg}$  $0 \text{ dB} = 2.50 \text{ W/kg} = 3.98 \text{ dBW/kg}$

**Test Plot 18#: Antenna 2\_PTT\_FM 25kHz\_ Face Up \_147.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 147.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 147.012$  MHz;  $\sigma = 0.757$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.54 W/kg

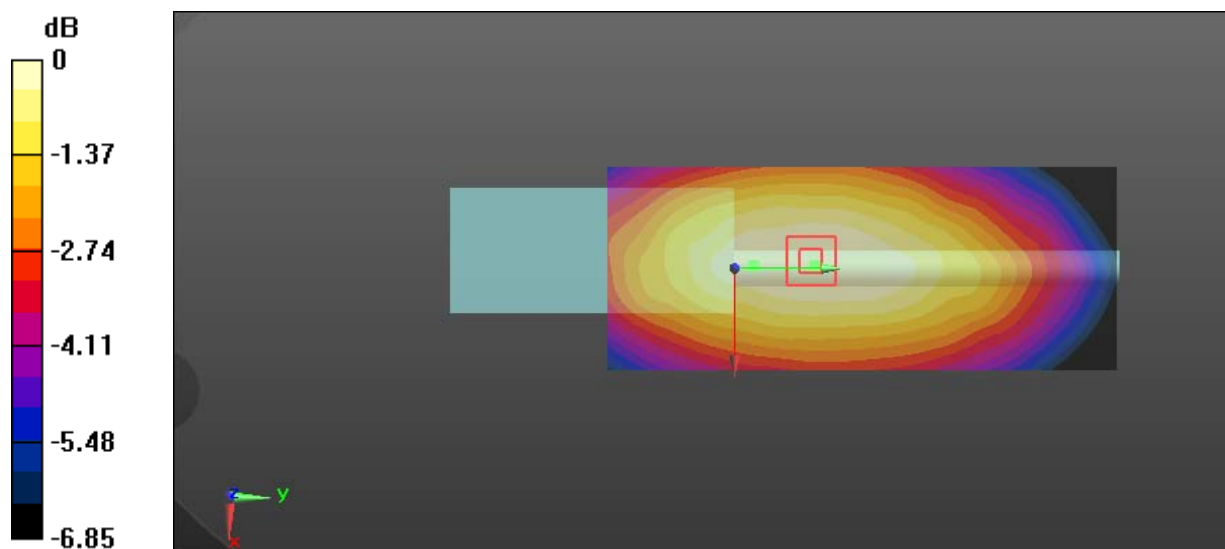
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.23 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 4.00 W/kg

**SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.98 W/kg**

Maximum value of SAR (measured) = 3.36 W/kg



0 dB = 3.36 W/kg = 5.26 dBW/kg

**Test Plot 19#: Antenna 2\_PTT\_4FSK 12.5kHz\_ Face Up \_147.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: 4FSK; Frequency: 147.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 147.012$  MHz;  $\sigma = 0.757$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.26 W/kg

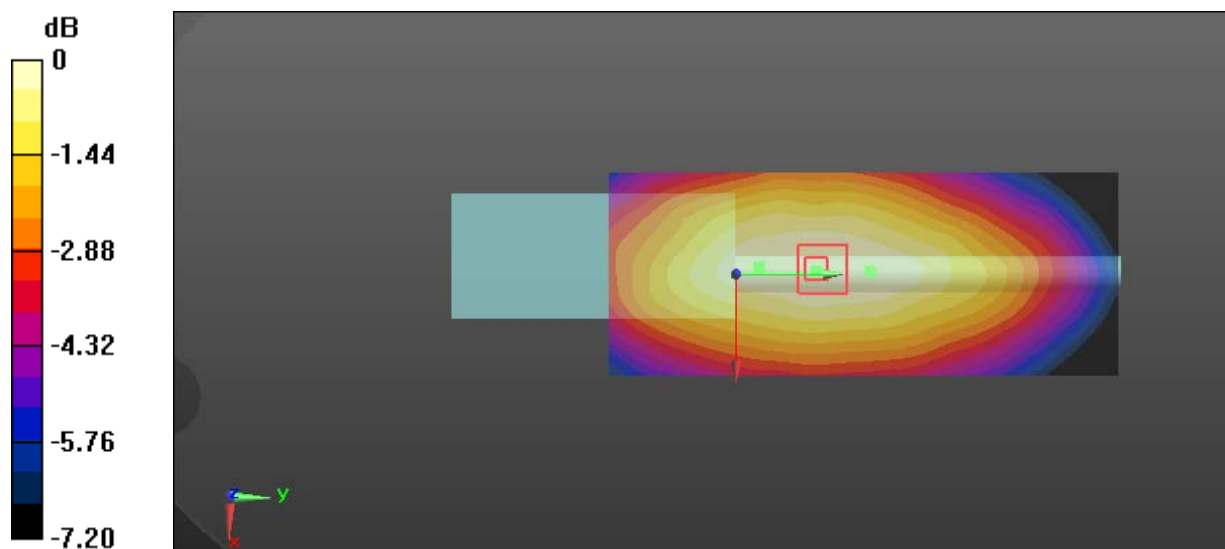
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.91 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.65 W/kg

**SAR(1 g) = 1.65 W/kg; SAR(10 g) = 1.25 W/kg**

Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 dBW/kg

**Test Plot 20#: Antenna 2\_PTT\_FM 12.5kHz\_ Face Up \_147.0125 MHz****DUT: Digital Portable Radio; Type: PD752iG VHF; Serial: 18081600721**

Communication System: FM; Frequency: 147.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 147.012$  MHz;  $\sigma = 0.757$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.45 W/kg

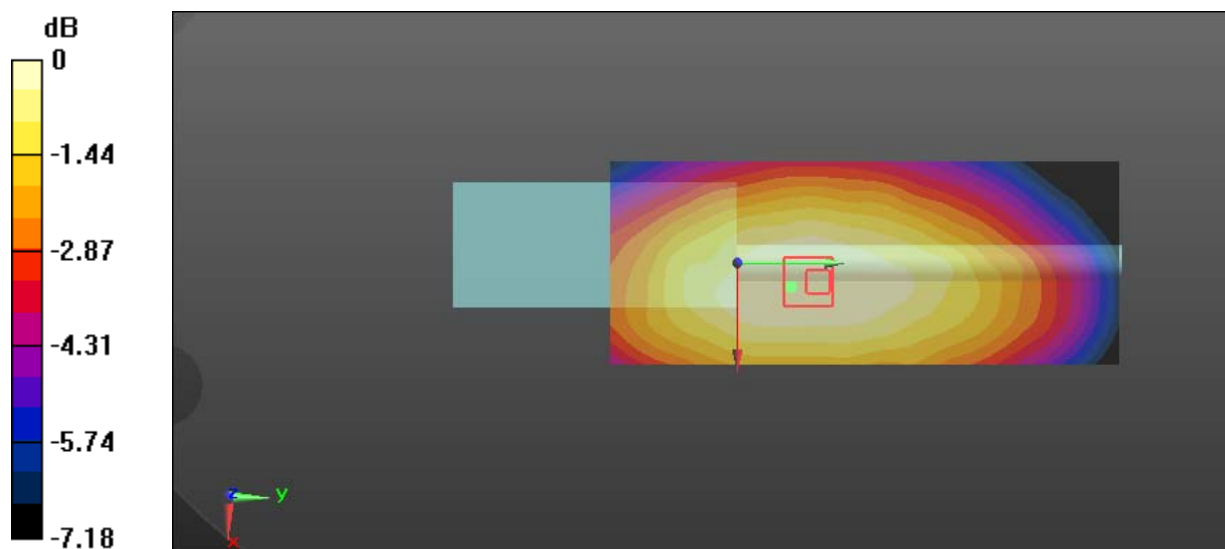
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.29 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.96 W/kg

**SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.97 W/kg**

Maximum value of SAR (measured) = 3.32 W/kg



0 dB = 3.32 W/kg = 5.21 dBW/kg

**Test Plot 21#: Antenna 2\_PTT\_FM 12.5kHz\_ Face Up \_147.0125 MHz****DUT: Digital Portable Radio; Type: PD702iG VHF; Serial: 18081600722**

Communication System: FM; Frequency: 147.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 147.012$  MHz;  $\sigma = 0.757$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 3.16 W/kg

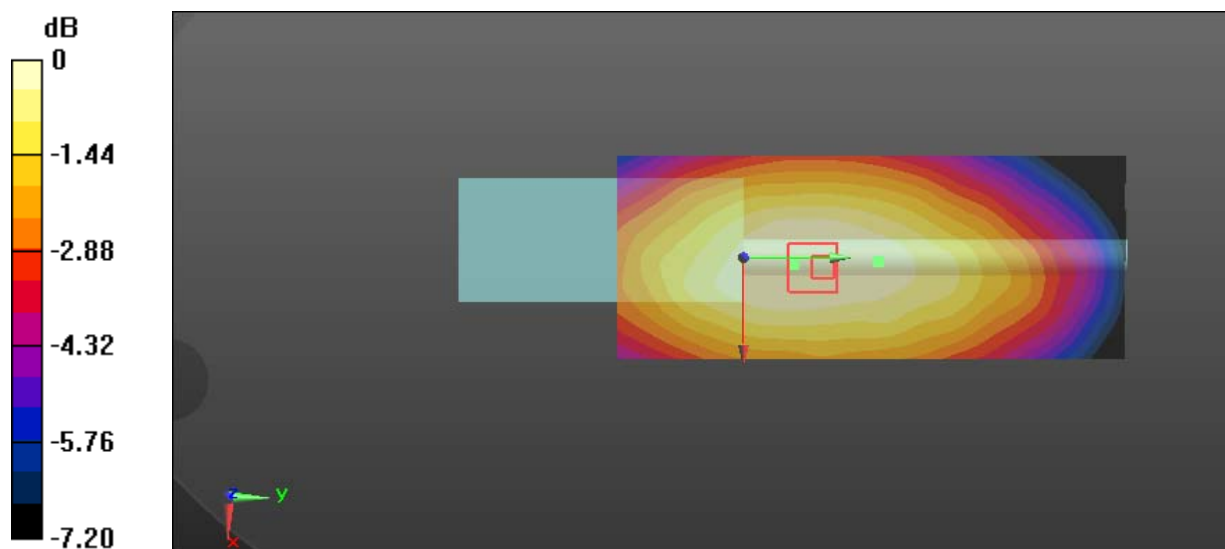
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 54.33 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.59 W/kg

**SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.8 W/kg**

Maximum value of SAR (measured) = 3.03 W/kg



0 dB = 3.03 W/kg = 4.81 dBW/kg

**Test Plot 22#: Antenna 2\_PTT\_FM 12.5kHz\_Body Back\_147.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 147.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 147.012$  MHz;  $\sigma = 0.819$  S/m;  $\epsilon_r = 61.603$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.8 W/kg

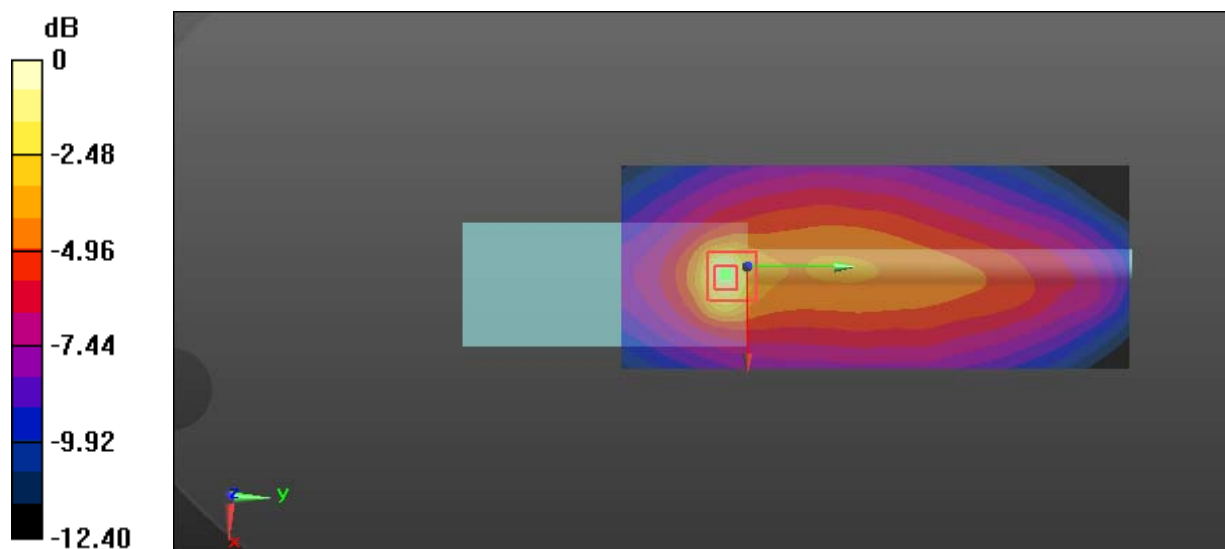
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 76.37 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 19.3 W/kg

**SAR(1 g) = 6.58 W/kg; SAR(10 g) = 3.71 W/kg**

Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg = 11.11 dBW/kg

**Test Plot 23#: Antenna 2\_PTT\_FM 12.5kHz\_Body Back\_154 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

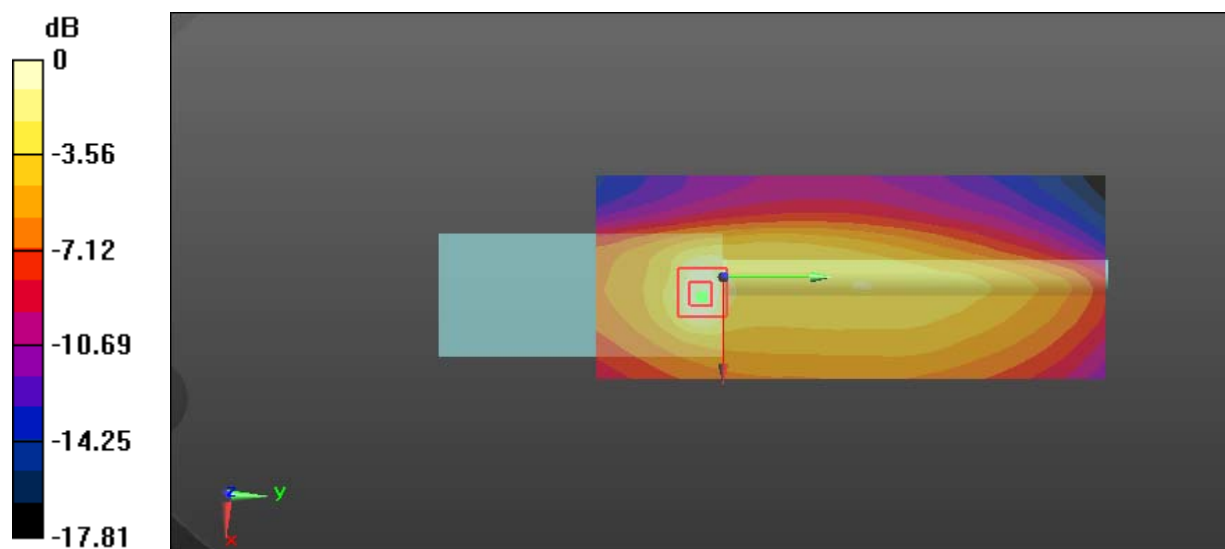
Communication System: FM; Frequency: 154 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 154 \text{ MHz}$ ;  $\sigma = 0.788 \text{ S/m}$ ;  $\epsilon_r = 61.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $8.01 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $55.88 \text{ V/m}$ ; Power Drift =  $-0.19 \text{ dB}$ Peak SAR (extrapolated) =  $11.4 \text{ W/kg}$ **SAR(1 g) =  $4.41 \text{ W/kg}$ ; SAR(10 g) =  $2.59 \text{ W/kg}$** Maximum value of SAR (measured) =  $7.48 \text{ W/kg}$  $0 \text{ dB} = 7.48 \text{ W/kg} = 8.74 \text{ dBW/kg}$

**Test Plot 24#: Antenna 2\_PTT\_FM 12.5kHz\_Body Back\_159.9875 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

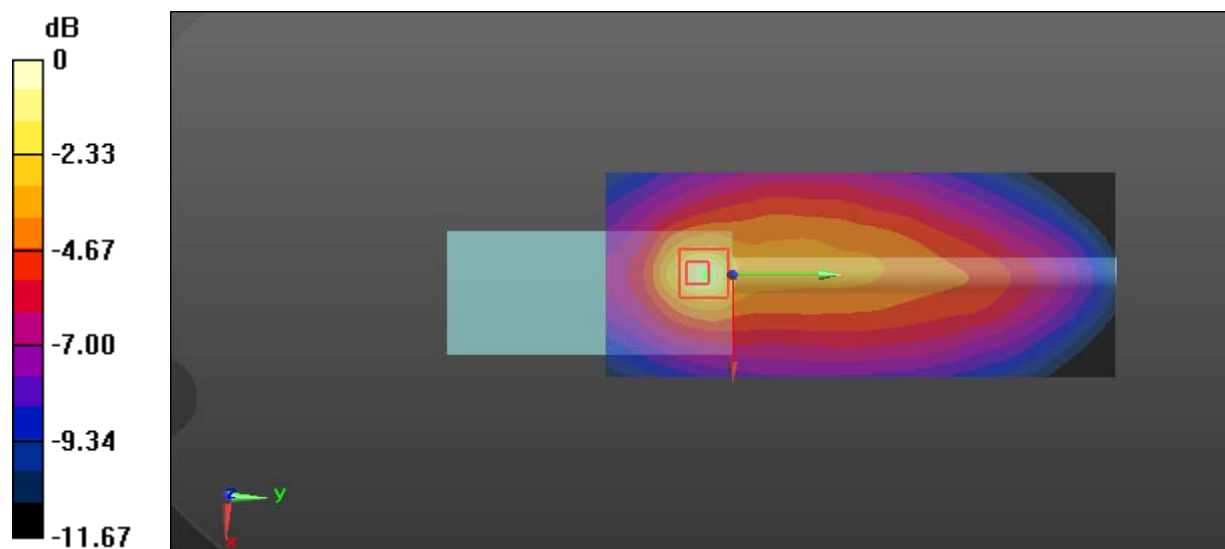
Communication System: FM; Frequency: 159.988 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 159.988 \text{ MHz}$ ;  $\sigma = 0.821 \text{ S/m}$ ;  $\epsilon_r = 61.226$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $5.38 \text{ W/kg}$ **Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $43.61 \text{ V/m}$ ; Power Drift =  $-0.15 \text{ dB}$ Peak SAR (extrapolated) =  $8.53 \text{ W/kg}$ **SAR(1 g) =  $3.18 \text{ W/kg}$ ; SAR(10 g) =  $1.90 \text{ W/kg}$** Maximum value of SAR (measured) =  $5.82 \text{ W/kg}$  $0 \text{ dB} = 5.82 \text{ W/kg} = 7.65 \text{ dBW/kg}$



**Test Plot 25#: Antenna 2\_PTT\_FM 25kHz\_Body Back\_147.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 147.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 147.012$  MHz;  $\sigma = 0.819$  S/m;  $\epsilon_r = 61.603$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 11.8 W/kg

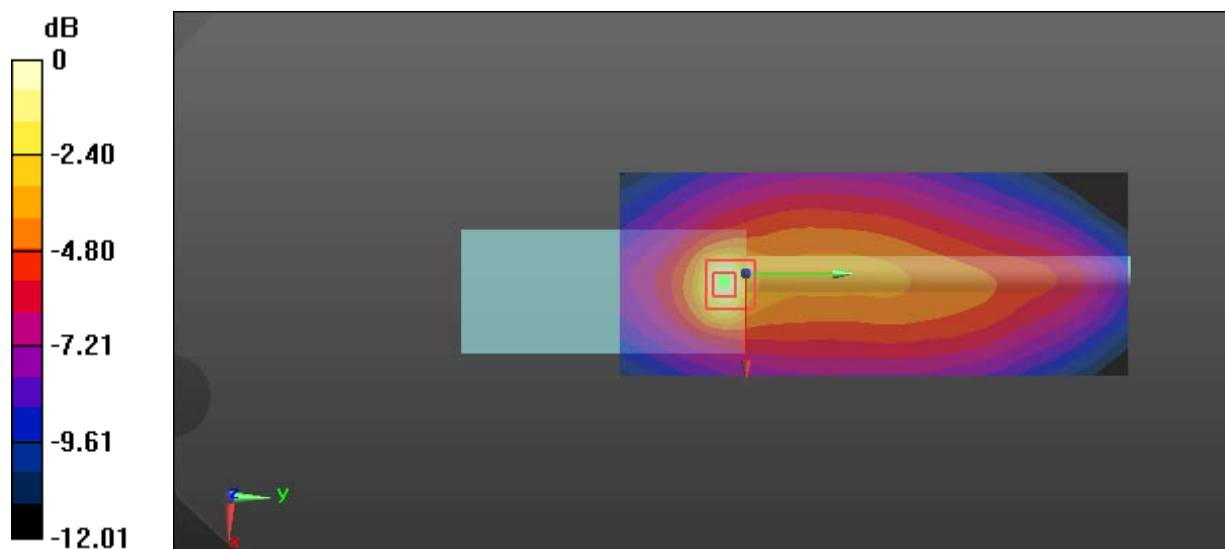
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 76.93 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 17.9 W/kg

**SAR(1 g) = 6.56 W/kg; SAR(10 g) = 3.75 W/kg**

Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg

**Test Plot 26#: Antenna 2\_PTT\_4FSK 12.5kHz\_Body Back\_147.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: 4FSK; Frequency: 147.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 147.012$  MHz;  $\sigma = 0.819$  S/m;  $\epsilon_r = 61.603$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.47 W/kg

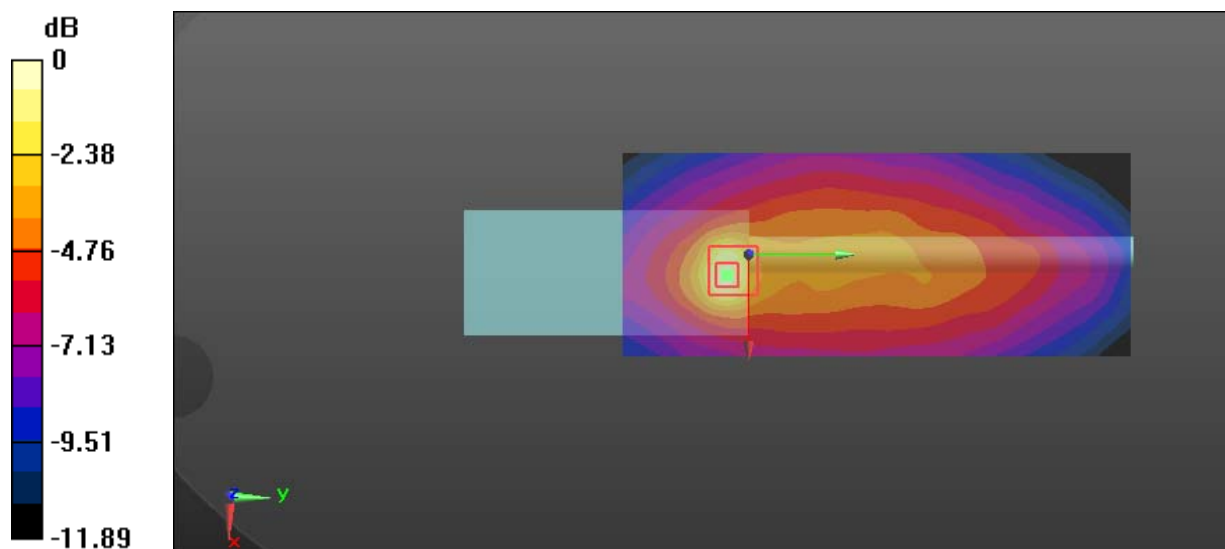
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.03 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 7.48 W/kg

**SAR(1 g) = 2.77 W/kg; SAR(10 g) = 1.61 W/kg**

Maximum value of SAR (measured) = 5.07 W/kg



0 dB = 5.07 W/kg = 7.05 dBW/kg

**Test Plot 27#: Antenna 2\_PTT\_FM 12.5kHz\_Body Back\_147.0125 MHz****DUT: Digital Portable Radio; Type: PD752iG VHF; Serial: 18081600721**

Communication System: FM; Frequency: 147.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 147.012$  MHz;  $\sigma = 0.819$  S/m;  $\epsilon_r = 61.603$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 9.14 W/kg

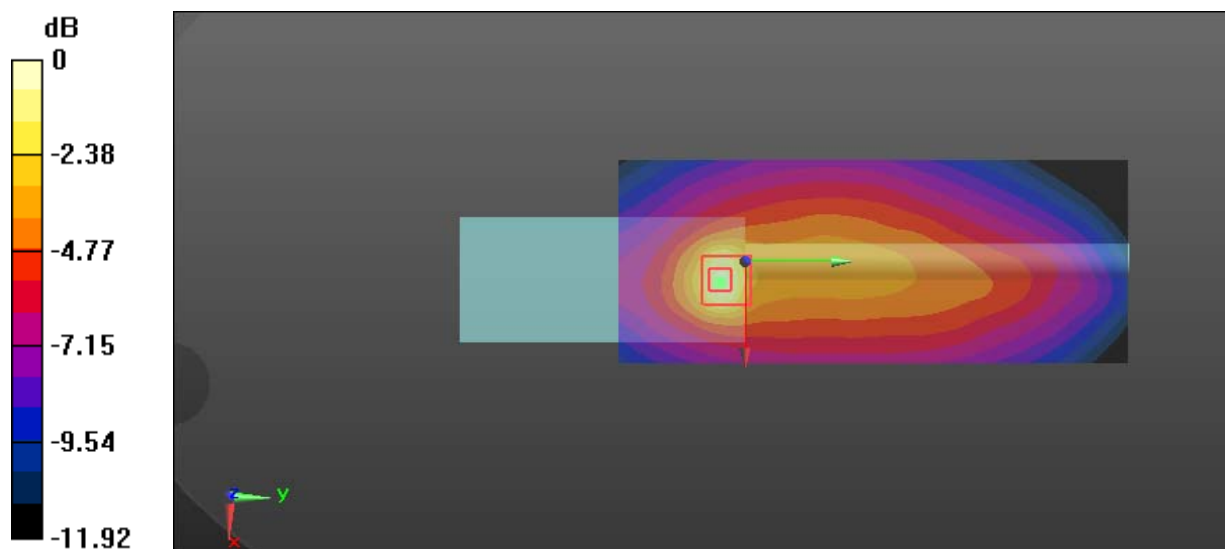
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 68.96 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 14.9 W/kg

**SAR(1 g) = 5.56 W/kg; SAR(10 g) = 3.24 W/kg**

Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 10.2 W/kg = 10.09 dBW/kg

**Test Plot 28#: Antenna 2\_PTT\_FM 12.5kHz\_Body Back\_147.0125 MHz****DUT: Digital Portable Radio; Type: PD702iG VHF; Serial: 18081600722**

Communication System: FM; Frequency: 147.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 147.012$  MHz;  $\sigma = 0.819$  S/m;  $\epsilon_r = 61.603$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.69 W/kg

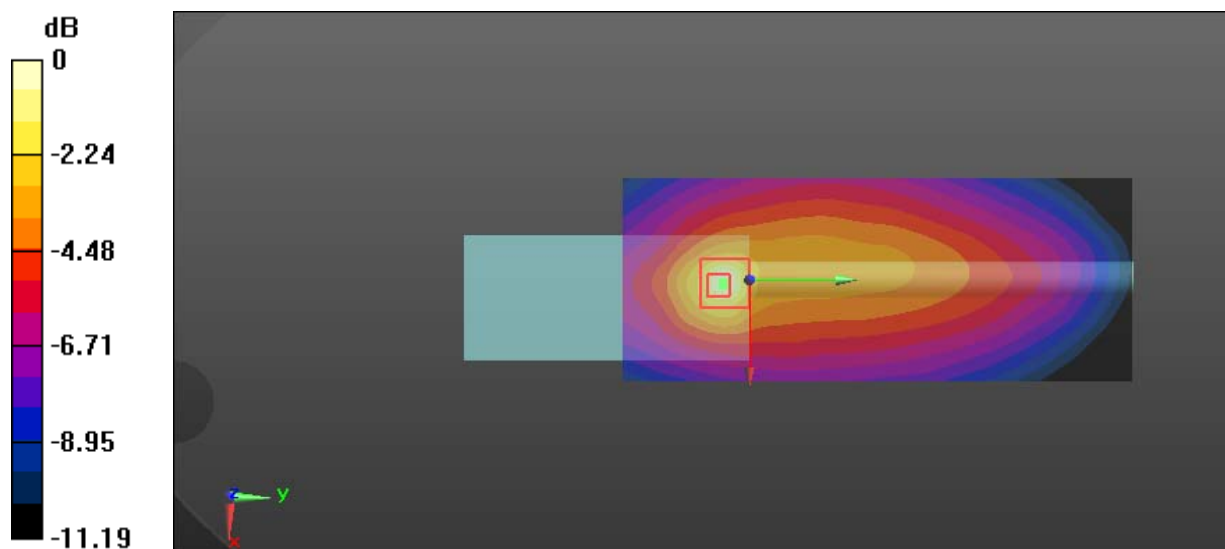
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 62.53 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 12.1 W/kg

**SAR(1 g) = 4.68 W/kg; SAR(10 g) = 2.78 W/kg**

Maximum value of SAR (measured) = 7.99 W/kg



0 dB = 7.99 W/kg = 9.03 dBW/kg

**Test Plot 29#: Antenna 3\_PTT\_FM 12.5kHz\_Face Up\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.752$  S/m;  $\epsilon_r = 51.243$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.11 W/kg

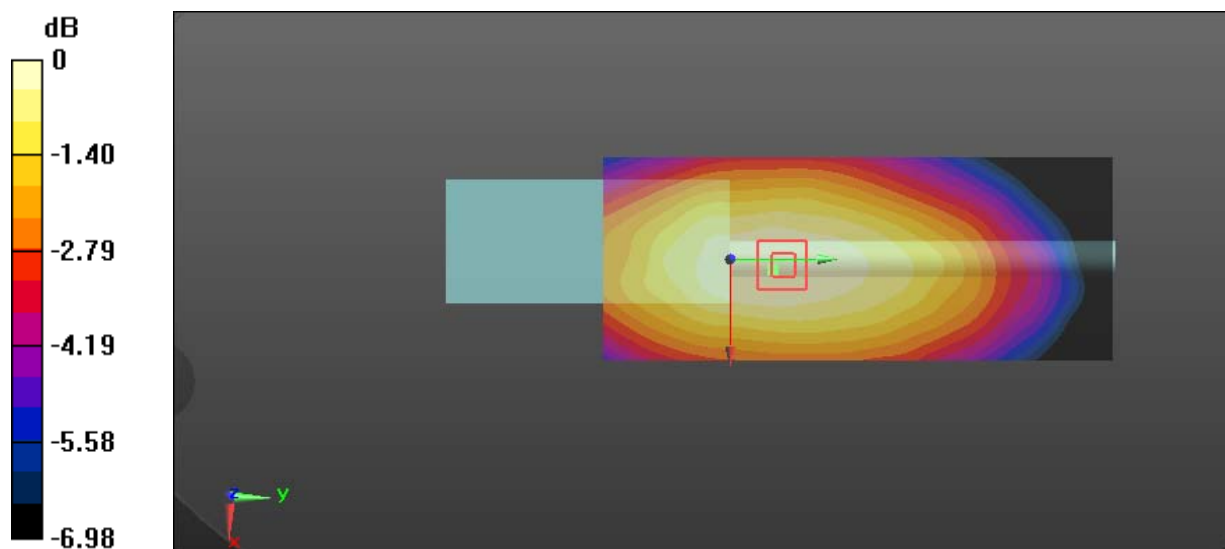
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.42 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.72 W/kg

**SAR(1 g) = 3.06 W/kg; SAR(10 g) = 2.34 W/kg**

Maximum value of SAR (measured) = 3.96 W/kg



0 dB = 3.96 W/kg = 5.98 dBW/kg

**Test Plot 30#: Antenna 3\_PTT\_FM 12.5kHz\_Face Up\_167 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 167 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 167$  MHz;  $\sigma = 0.792$  S/m;  $\epsilon_r = 50.381$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 2.71 W/kg

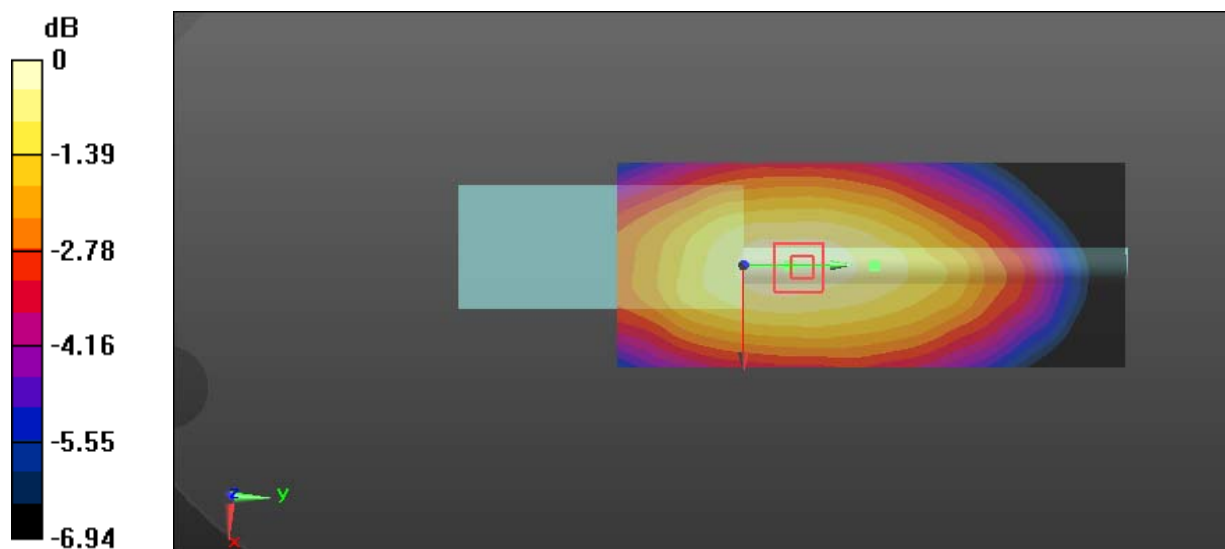
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 49.13 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.21 W/kg

**SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.57 W/kg**

Maximum value of SAR (measured) = 2.71 W/kg



0 dB = 2.71 W/kg = 4.33 dBW/kg

**Test Plot 31#: Antenna 3\_PTT\_FM 12.5kHz\_Face Up\_173.9875 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

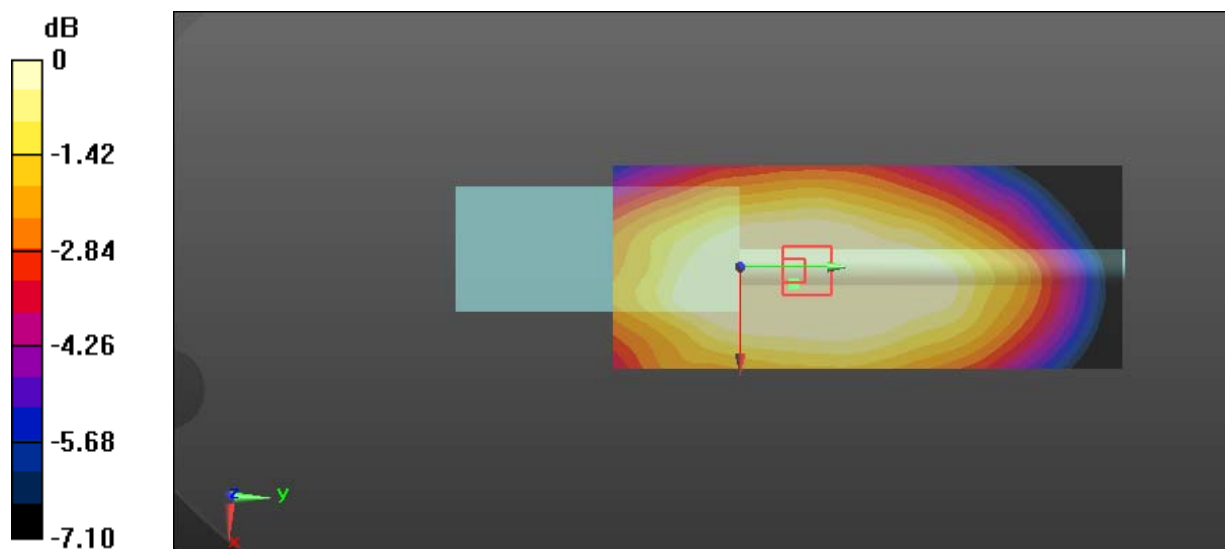
Communication System: FM; Frequency: 173.988 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 173.988 \text{ MHz}$ ;  $\sigma = 0.793 \text{ S/m}$ ;  $\epsilon_r = 50.341$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $2.68 \text{ W/kg}$ **Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $47.69 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$ Peak SAR (extrapolated) =  $2.75 \text{ W/kg}$ **SAR(1 g) =  $1.77 \text{ W/kg}$ ; SAR(10 g) =  $1.35 \text{ W/kg}$** Maximum value of SAR (measured) =  $2.30 \text{ W/kg}$  $0 \text{ dB} = 2.30 \text{ W/kg} = 3.62 \text{ dBW/kg}$

**Test Plot 32#: Antenna 3\_PTT\_FM 25kHz\_Face Up\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.752$  S/m;  $\epsilon_r = 51.243$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.89 W/kg

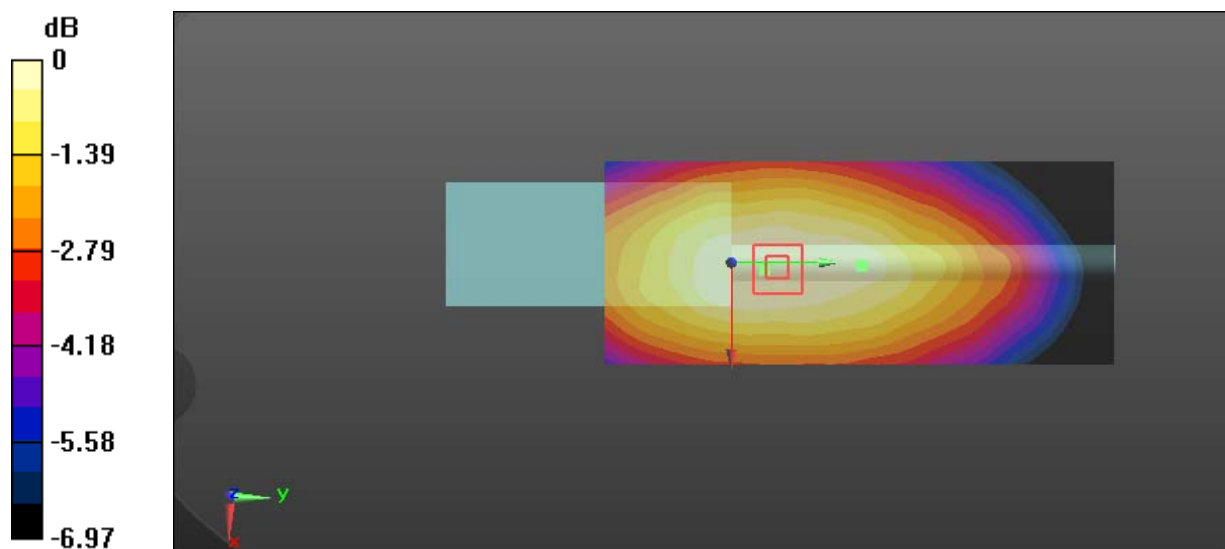
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.97 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.36 W/kg

**SAR(1 g) = 2.84 W/kg; SAR(10 g) = 2.17 W/kg**

Maximum value of SAR (measured) = 3.69 W/kg



0 dB = 3.69 W/kg = 5.67 dBW/kg



**Test Plot 33#: Antenna 3\_PTT\_4FSK 12.5kHz\_Face Up\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: 4FSK; Frequency: 160.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.752$  S/m;  $\epsilon_r = 51.243$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.14 W/kg

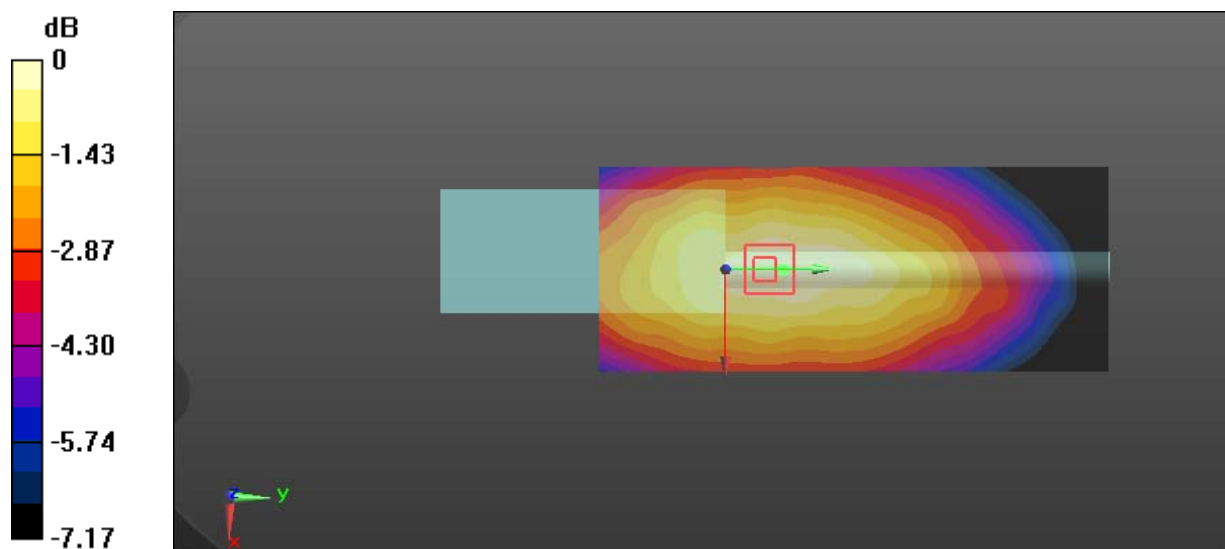
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.75 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.57 W/kg

**SAR(1 g) = 1.65 W/kg; SAR(10 g) = 1.25 W/kg**

Maximum value of SAR (measured) = 2.16 W/kg



0 dB = 2.16 W/kg = 3.34 dBW/kg

**Test Plot 34#: Antenna 3\_PTT\_FM 12.5kHz\_Face Up\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD752iG VHF; Serial: 18081600721**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.752$  S/m;  $\epsilon_r = 51.243$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.27 W/kg

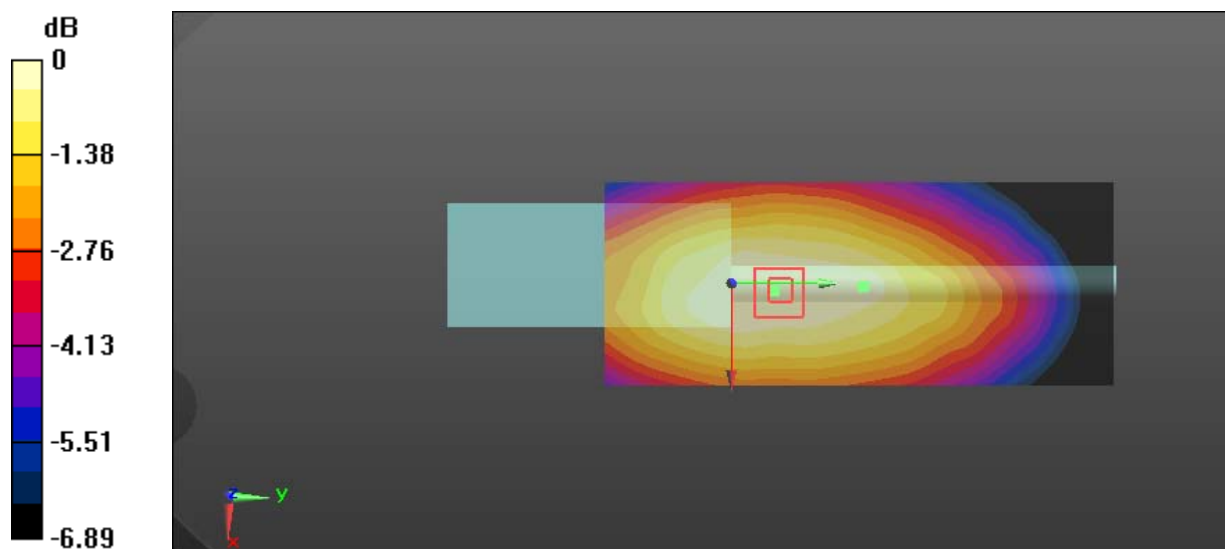
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.32 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.92 W/kg

**SAR(1 g) = 3.18 W/kg; SAR(10 g) = 2.43 W/kg**

Maximum value of SAR (measured) = 4.13 W/kg



0 dB = 4.13 W/kg = 6.16 dBW/kg

**Test Plot 35#: Antenna 3\_PTT\_FM 12.5kHz\_Face Up\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD702iG VHF; Serial: 18081600722**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.752$  S/m;  $\epsilon_r = 51.243$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.03 W/kg

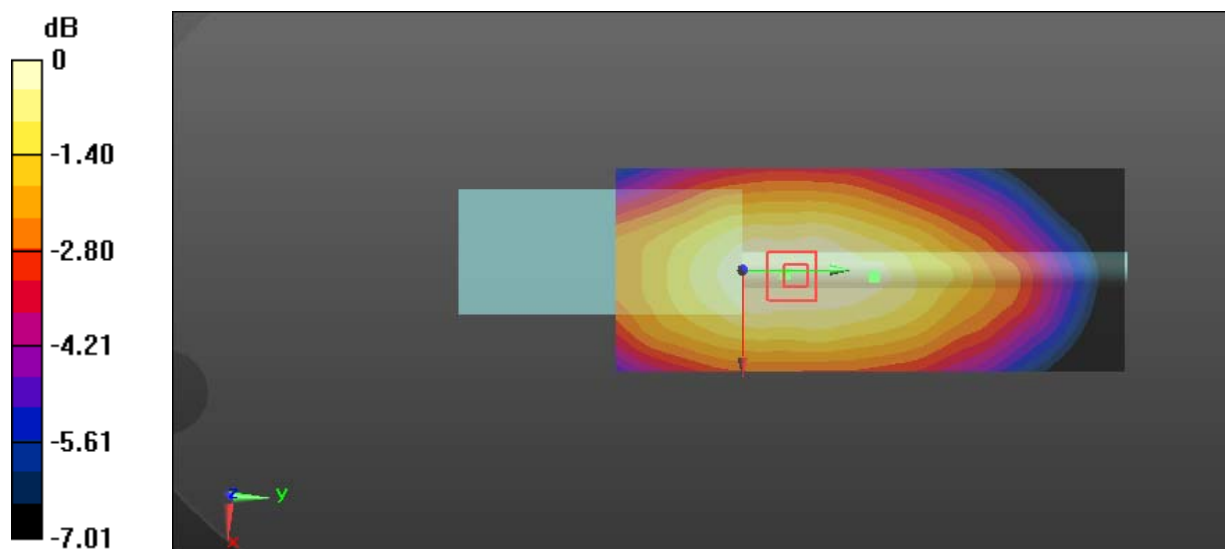
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 61.39 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.72 W/kg

**SAR(1 g) = 3.03 W/kg; SAR(10 g) = 2.31 W/kg**

Maximum value of SAR (measured) = 3.95 W/kg



0 dB = 3.95 W/kg = 5.97 dBW/kg

**Test Plot 36#: Antenna 3\_PTT\_FM 12.5kHz\_Body Back\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.823$  S/m;  $\epsilon_r = 60.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

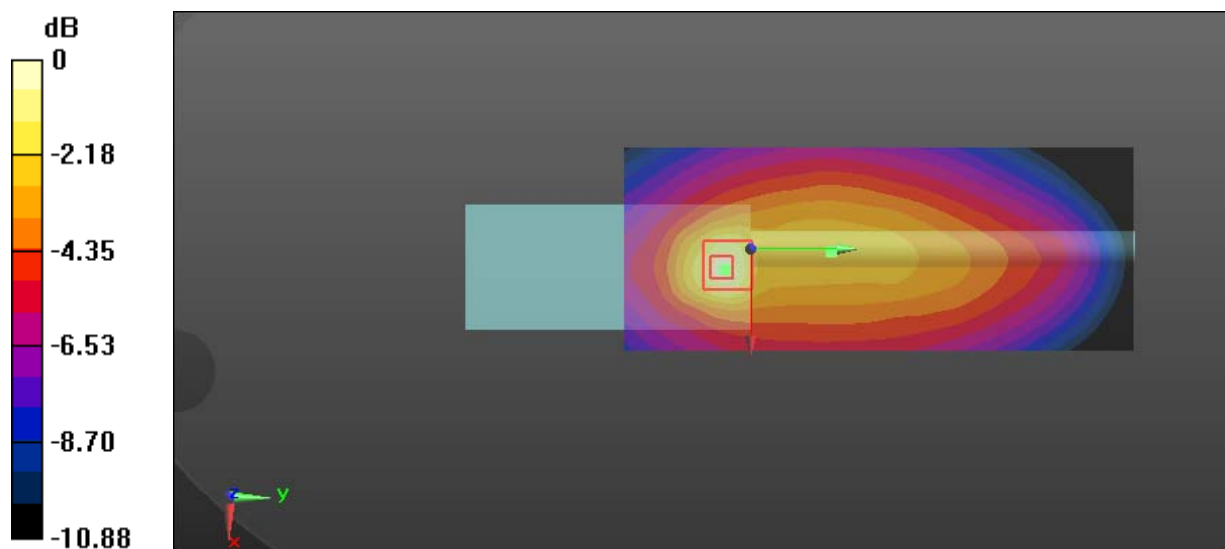
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 89.60 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 17.2 W/kg

**SAR(1 g) = 7.19 W/kg; SAR(10 g) = 4.4 W/kg**

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



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

**Test Plot 37#: Antenna 3\_PTT\_FM 12.5kHz\_Body Back\_167 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

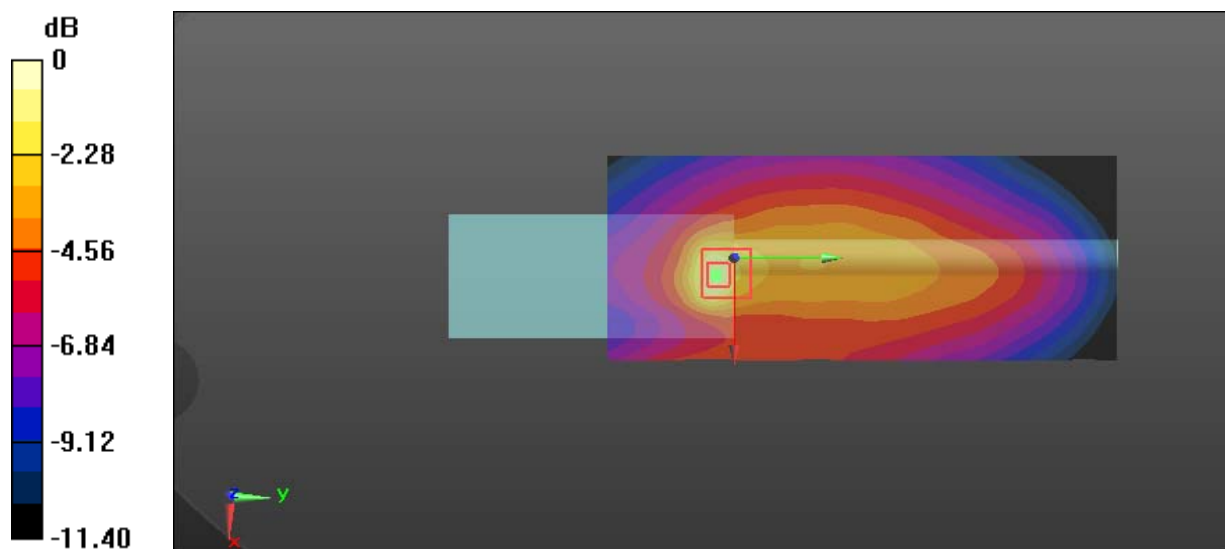
Communication System: FM; Frequency: 167 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 167 \text{ MHz}$ ;  $\sigma = 0.822 \text{ S/m}$ ;  $\epsilon_r = 60.44$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $8.31 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $99.79 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$ Peak SAR (extrapolated) =  $14.2 \text{ W/kg}$ **SAR(1 g) =  $5.45 \text{ W/kg}$ ; SAR(10 g) =  $3.32 \text{ W/kg}$** Maximum value of SAR (measured) =  $9.85 \text{ W/kg}$  $0 \text{ dB} = 9.85 \text{ W/kg} = 9.93 \text{ dBW/kg}$

**Test Plot 38#: Antenna 3\_PTT\_FM 12.5kHz\_Body Back\_173.9875 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

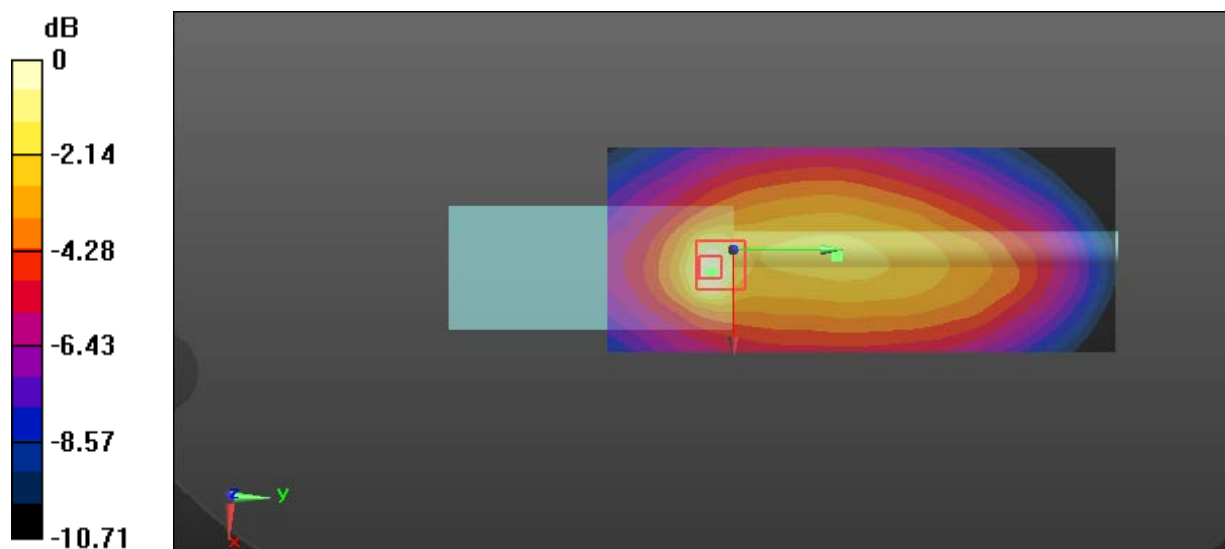
Communication System: FM; Frequency: 173.988 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 173.988 \text{ MHz}$ ;  $\sigma = 0.841 \text{ S/m}$ ;  $\epsilon_r = 60.117$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $6.23 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $60.25 \text{ V/m}$ ; Power Drift =  $0.09 \text{ dB}$ Peak SAR (extrapolated) =  $9.22 \text{ W/kg}$ **SAR(1 g) =  $3.93 \text{ W/kg}$ ; SAR(10 g) =  $2.46 \text{ W/kg}$** Maximum value of SAR (measured) =  $6.33 \text{ W/kg}$  $0 \text{ dB} = 6.33 \text{ W/kg} = 8.01 \text{ dBW/kg}$

**Test Plot 39#: Antenna 3\_PTT\_FM 25kHz\_Body Back\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.823$  S/m;  $\epsilon_r = 60.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.2 W/kg

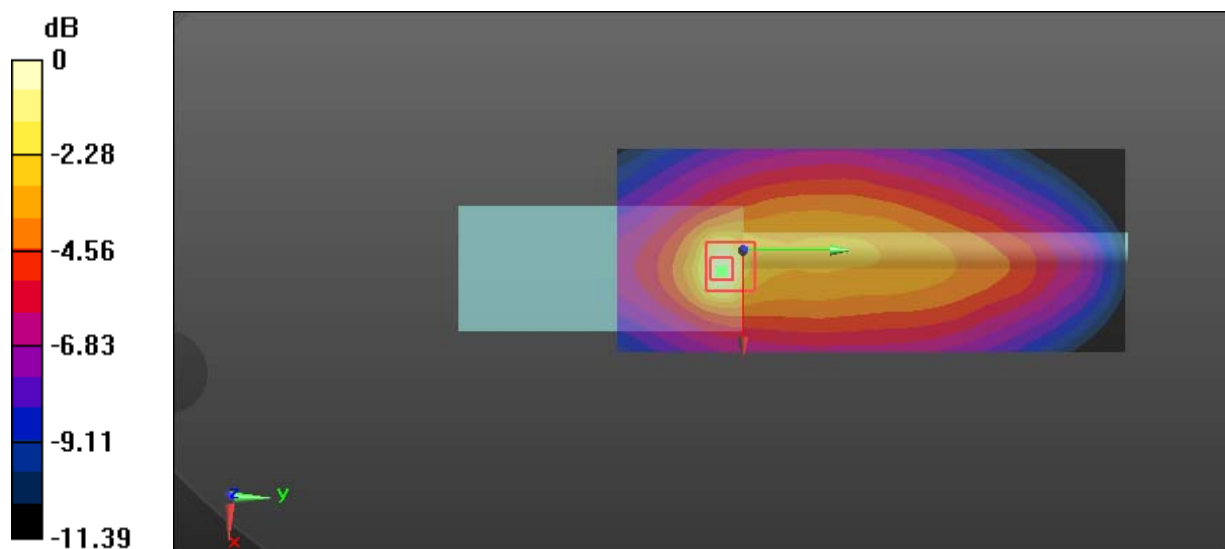
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 75.94 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 15.7 W/kg

**SAR(1 g) = 6.33 W/kg; SAR(10 g) = 3.86 W/kg**

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

**Test Plot 40#: Antenna 3\_PTT\_4FSK 12.5kHz\_Body Back\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: 4FSK; Frequency: 160.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.823$  S/m;  $\epsilon_r = 60.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.63 W/kg

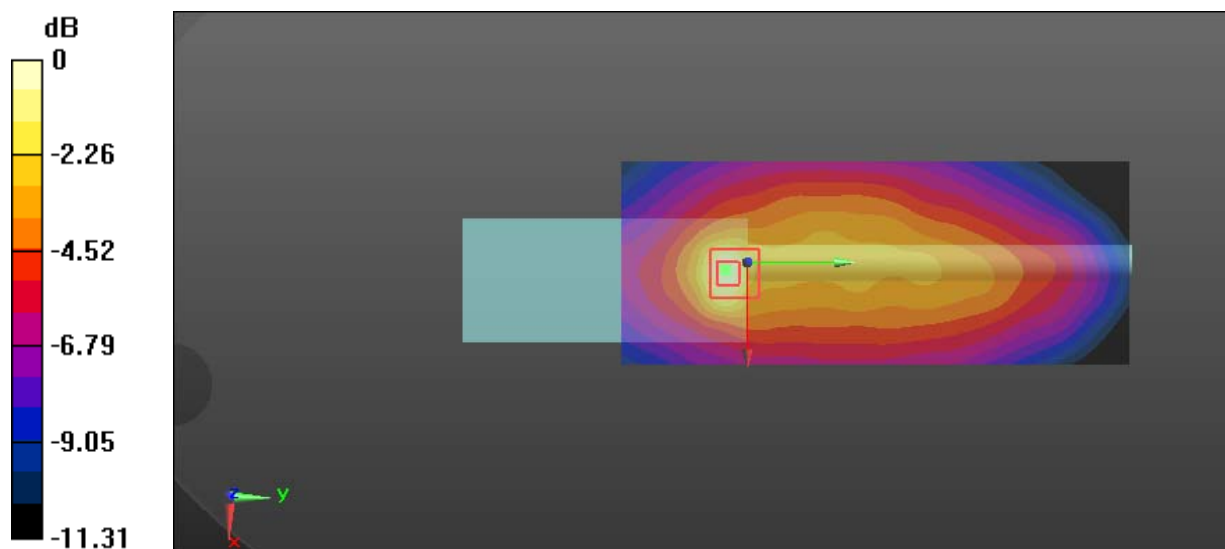
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.80 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 8.30 W/kg

**SAR(1 g) = 3.44 W/kg; SAR(10 g) = 2.09 W/kg**

Maximum value of SAR (measured) = 5.80 W/kg



0 dB = 5.80 W/kg = 7.63 dBW/kg



**Test Plot 41#: Antenna 3\_PTT\_FM 12.5kHz\_Body Back\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD752iG VHF; Serial: 18081600721**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.823$  S/m;  $\epsilon_r = 60.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.3 W/kg

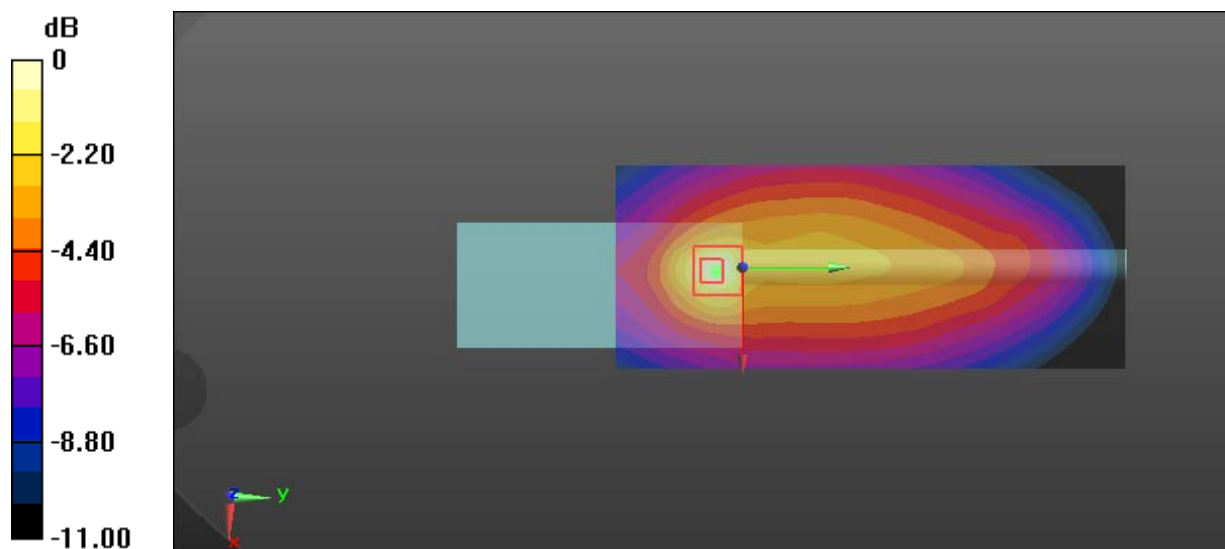
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.26 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 18.9 W/kg

**SAR(1 g) = 7.5 W/kg; SAR(10 g) = 4.51 W/kg**

Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.5 W/kg = 10.97 dBW/kg

**Test Plot 42#: Antenna 3\_PTT\_FM 12.5kHz\_Body Back\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD702iG VHF; Serial: 18081600722**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.823$  S/m;  $\epsilon_r = 60.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.8 W/kg

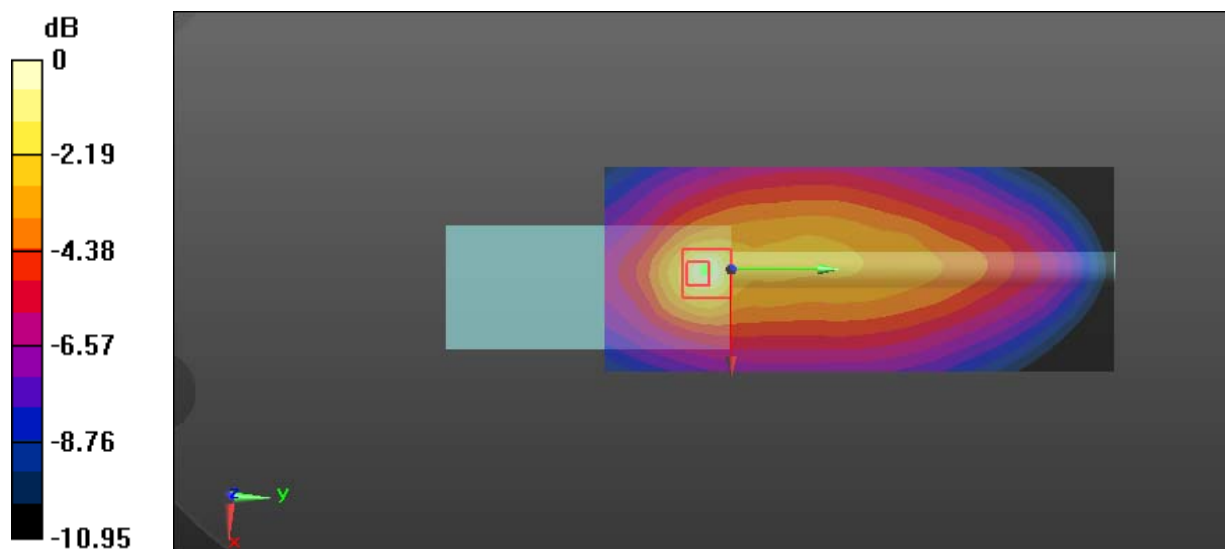
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.13 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 19.2 W/kg

**SAR(1 g) = 7.16 W/kg; SAR(10 g) = 4.26 W/kg**

Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 10.72 dBW/kg

**Test Plot 43#: Antenna 4\_PTT\_FM 12.5kHz\_Face Up\_136.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 136.012$  MHz;  $\sigma = 0.748$  S/m;  $\epsilon_r = 52.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.19 W/kg

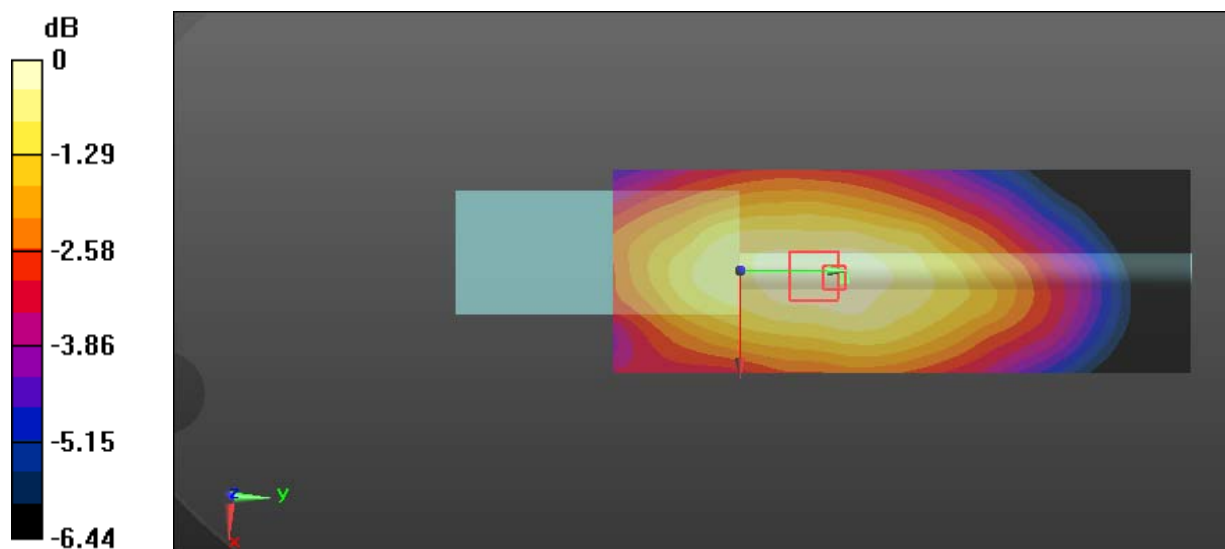
**Zoom Scan (5x7x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 27.81 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.92 W/kg; SAR(10 g) = 0.72 W/kg**

Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

**Test Plot 44#: Antenna 4\_PTT\_FM 12.5kHz\_Face Up\_147.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 147.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 147.012$  MHz;  $\sigma = 0.757$  S/m;  $\epsilon_r = 51.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 4.34 W/kg

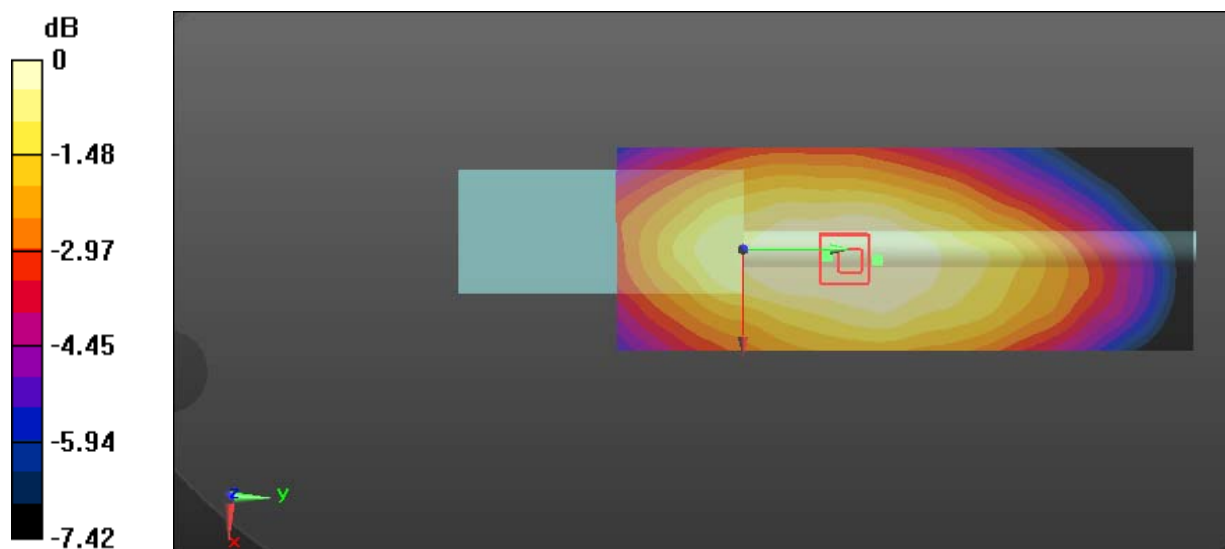
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 65.83 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 5.11 W/kg

**SAR(1 g) = 3.24 W/kg; SAR(10 g) = 2.46 W/kg**

Maximum value of SAR (measured) = 4.25 W/kg



0 dB = 4.25 W/kg = 6.28 dBW/kg

**Test Plot 45#: Antenna 4\_PTT\_FM 12.5kHz\_Face Up\_154 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

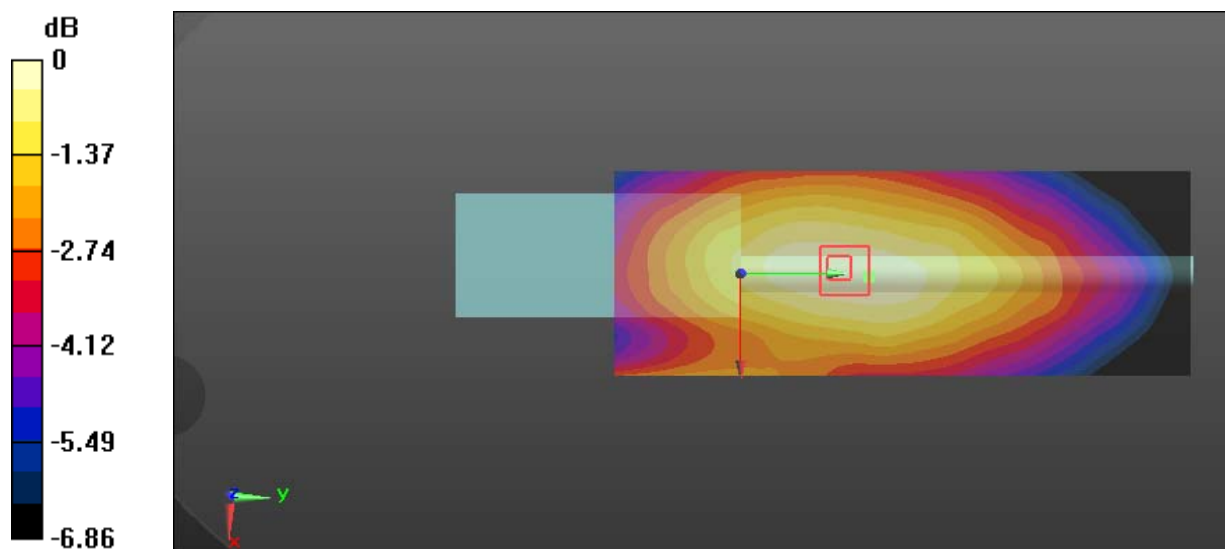
Communication System: FM; Frequency: 154 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 154 \text{ MHz}$ ;  $\sigma = 0.754 \text{ S/m}$ ;  $\epsilon_r = 51.016$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $4.75 \text{ W/kg}$ **Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $48.42 \text{ V/m}$ ; Power Drift =  $-0.16 \text{ dB}$ Peak SAR (extrapolated) =  $5.89 \text{ W/kg}$ **SAR(1 g) =  $3.75 \text{ W/kg}$ ; SAR(10 g) =  $2.89 \text{ W/kg}$** Maximum value of SAR (measured) =  $4.89 \text{ W/kg}$ 0 dB =  $4.89 \text{ W/kg}$  =  $6.89 \text{ dBW/kg}$

**Test Plot 46#: Antenna 4\_PTT\_FM 12.5kHz\_Face Up\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.752$  S/m;  $\epsilon_r = 51.243$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 5.90 W/kg

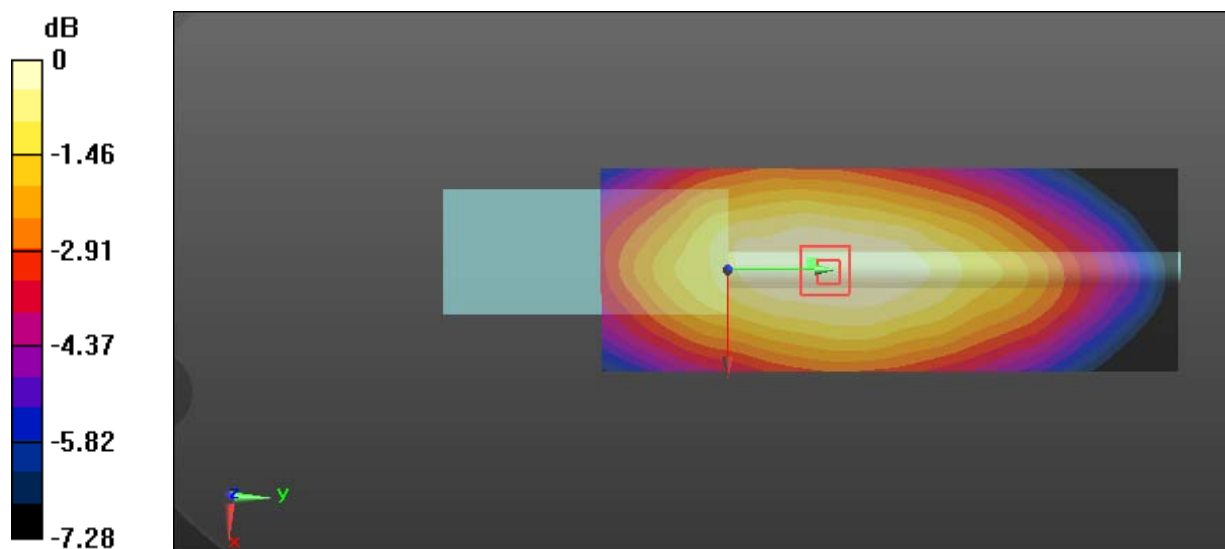
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 71.19 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 7.02 W/kg

**SAR(1 g) = 4.48 W/kg; SAR(10 g) = 3.39 W/kg**

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



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

**Test Plot 47#: Antenna 4\_PTT\_FM 12.5kHz\_Face Up\_173.9875 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

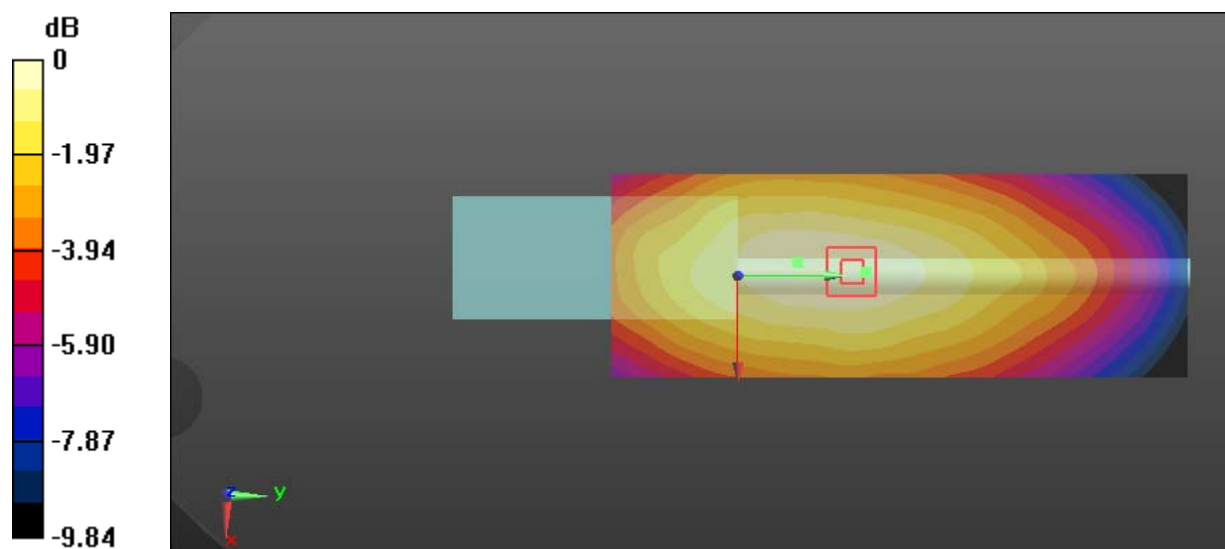
Communication System: FM; Frequency: 173.988 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 173.988 \text{ MHz}$ ;  $\sigma = 0.793 \text{ S/m}$ ;  $\epsilon_r = 50.341$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $5.03 \text{ W/kg}$ **Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $64.40 \text{ V/m}$ ; Power Drift =  $-0.18 \text{ dB}$ Peak SAR (extrapolated) =  $6.11 \text{ W/kg}$ **SAR(1 g) =  $3.93 \text{ W/kg}$ ; SAR(10 g) =  $3.01 \text{ W/kg}$** Maximum value of SAR (measured) =  $5.09 \text{ W/kg}$  $0 \text{ dB} = 5.09 \text{ W/kg} = 7.07 \text{ dBW/kg}$

**Test Plot 48#: Antenna 4\_PTT\_FM 25kHz\_Face Up\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.752$  S/m;  $\epsilon_r = 51.243$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.00 W/kg

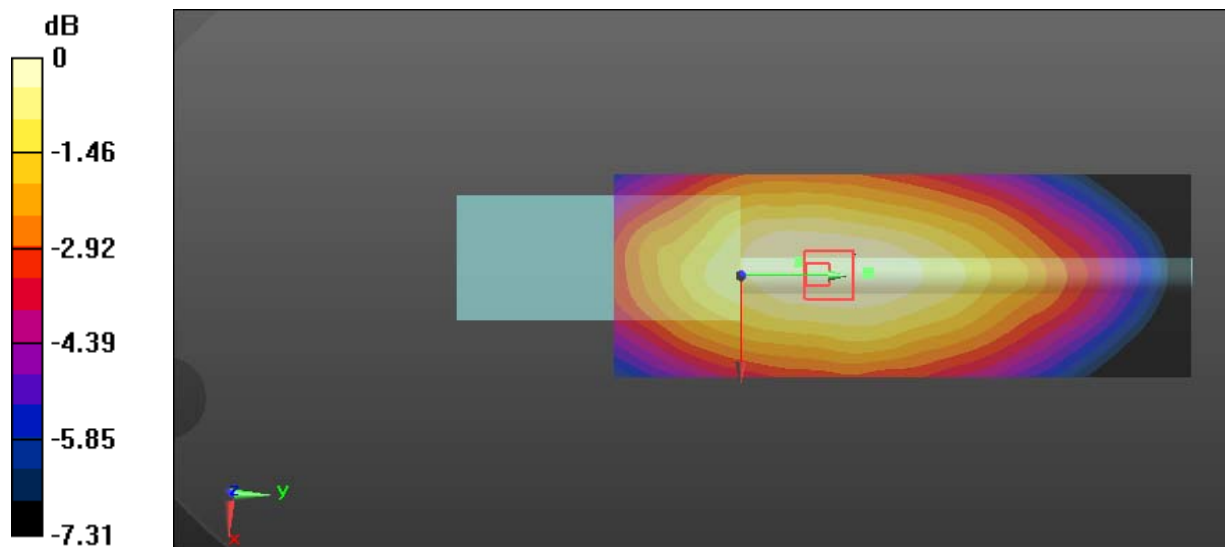
**Zoom Scan (5x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 71.92 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.98 W/kg

**SAR(1 g) = 4.4 W/kg; SAR(10 g) = 3.36 W/kg**

Maximum value of SAR (measured) = 5.85 W/kg



0 dB = 5.85 W/kg = 7.67 dBW/kg



**Test Plot 49#: Antenna 4\_PTT\_4FSK 12.5kHz\_Face Up\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: 4FSK; Frequency: 160.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.752$  S/m;  $\epsilon_r = 51.243$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.27 W/kg

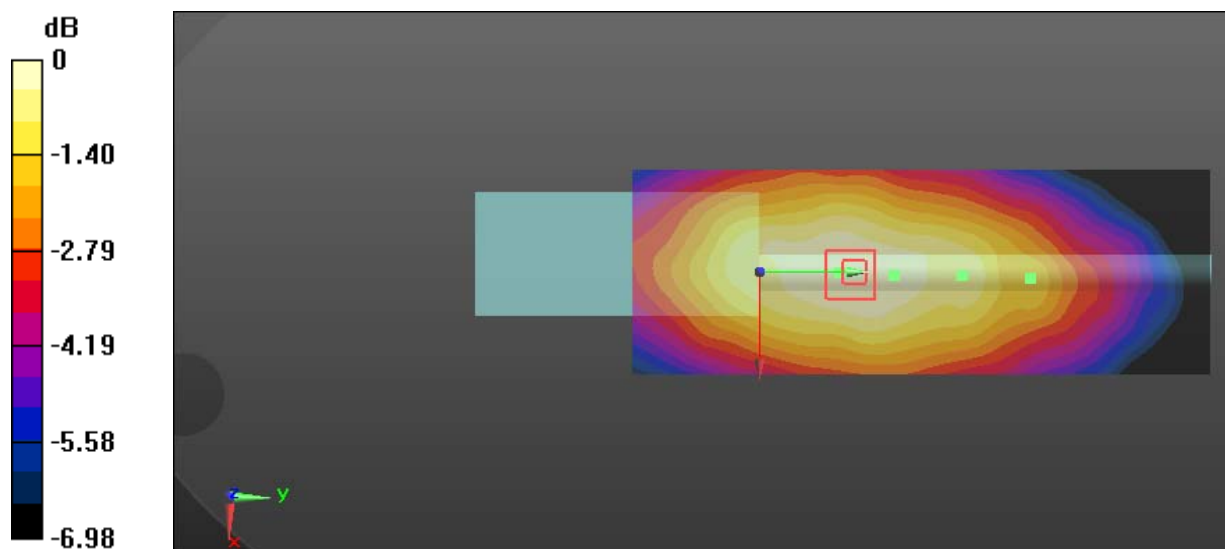
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.11 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.89 W/kg

**SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.85 W/kg**

Maximum value of SAR (measured) = 3.18 W/kg



0 dB = 3.18 W/kg = 5.02 dBW/kg

**Test Plot 50#: Antenna 4\_PTT\_FM 12.5kHz\_Face Up\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD752iG VHF; Serial: 18081600721**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.752$  S/m;  $\epsilon_r = 51.243$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 5.21 W/kg

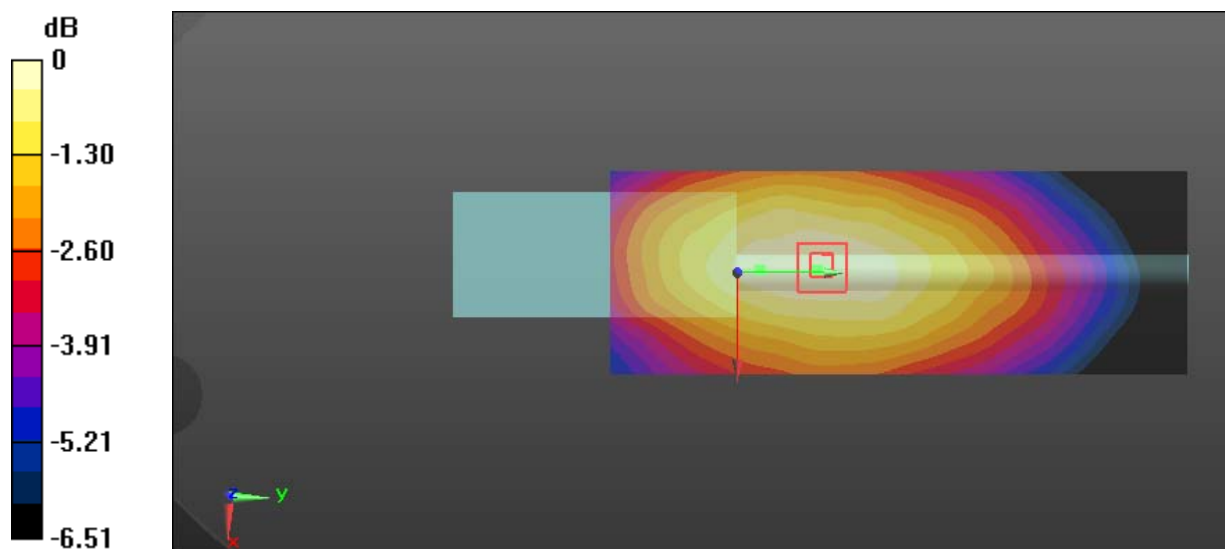
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 77.27 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 6.14 W/kg

**SAR(1 g) = 3.97 W/kg; SAR(10 g) = 3.07 W/kg**

Maximum value of SAR (measured) = 5.17 W/kg



0 dB = 5.17 W/kg = 7.13 dBW/kg

**Test Plot 51#: Antenna 4\_PTT\_FM 12.5kHz\_Face Up\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD702iG VHF; Serial: 18081600722**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.752$  S/m;  $\epsilon_r = 51.243$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.88, 12.88, 12.88); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 5.56 W/kg

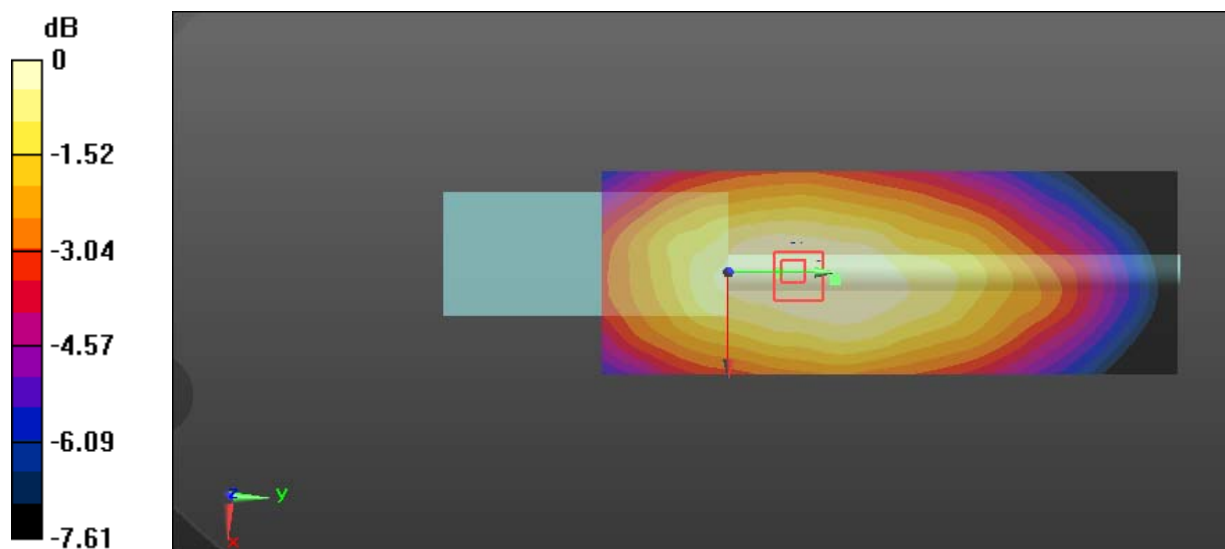
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 69.90 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 6.53 W/kg

**SAR(1 g) = 4.16 W/kg; SAR(10 g) = 3.17 W/kg**

Maximum value of SAR (measured) = 5.45 W/kg



0 dB = 5.45 W/kg = 7.36 dBW/kg

**Test Plot 52#: Antenna 4\_PTT\_FM 12.5kHz\_Body Back\_136.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 136.012$  MHz;  $\sigma = 0.81$  S/m;  $\epsilon_r = 61.89$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.52 W/kg

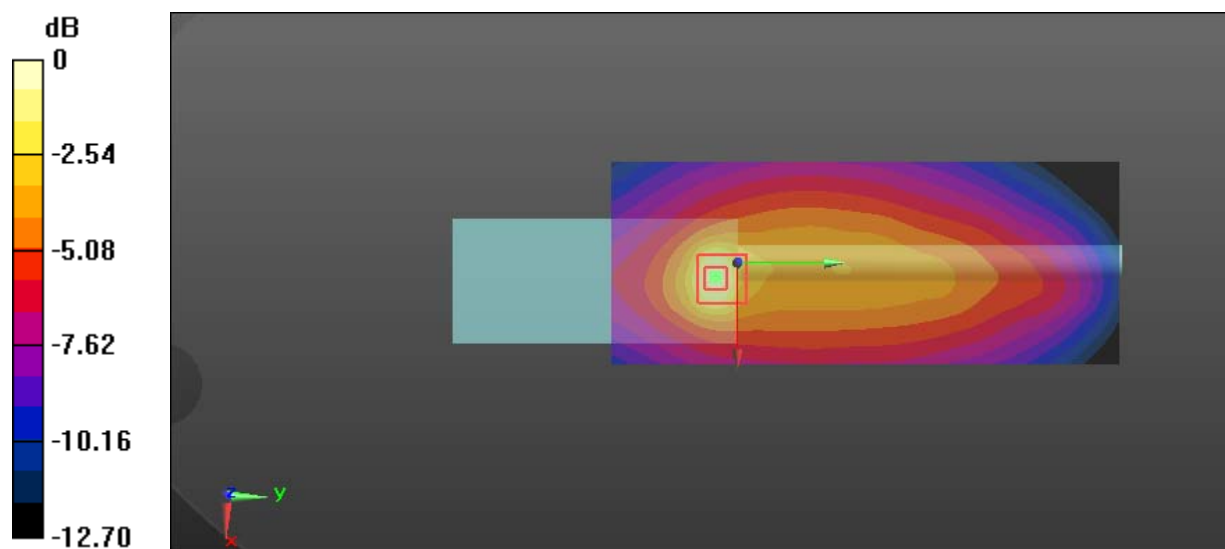
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.53 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 5.96 W/kg

**SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.15 W/kg**

Maximum value of SAR (measured) = 3.90 W/kg



0 dB = 3.90 W/kg = 5.91 dBW/kg

**Test Plot 53#: Antenna 4\_PTT\_FM 12.5kHz\_Body Back\_147.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 147.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 147.012$  MHz;  $\sigma = 0.819$  S/m;  $\epsilon_r = 61.603$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.61 W/kg

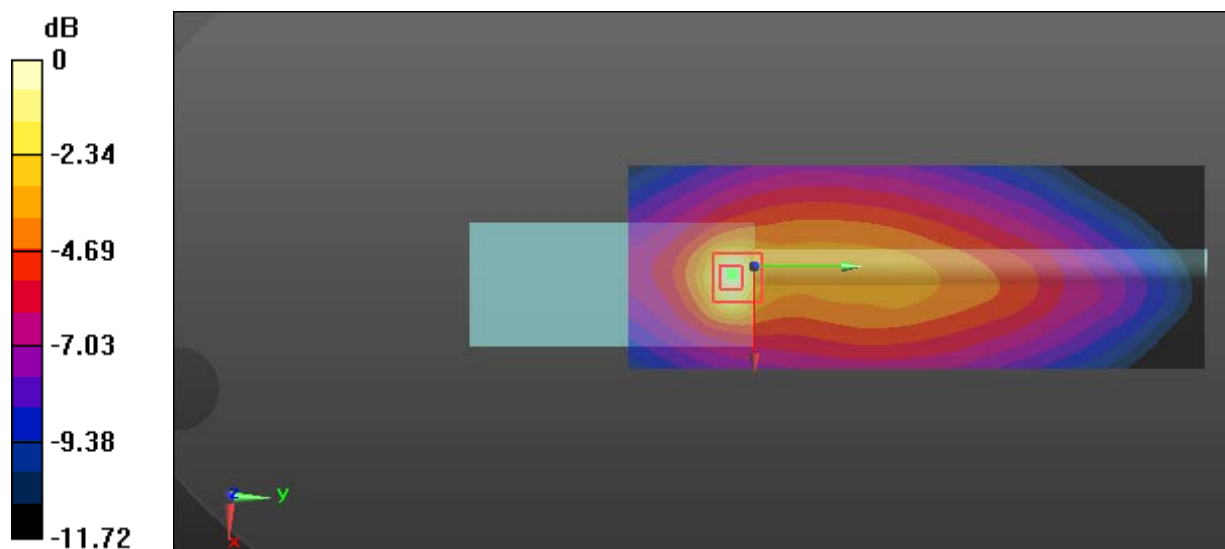
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.03 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 10.3 W/kg

**SAR(1 g) = 3.66 W/kg; SAR(10 g) = 2.20 W/kg**

Maximum value of SAR (measured) = 6.98 W/kg



0 dB = 6.98 W/kg = 8.44 dBW/kg

**Test Plot 54#: Antenna 4\_PTT\_FM 12.5kHz\_Body Back\_154 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

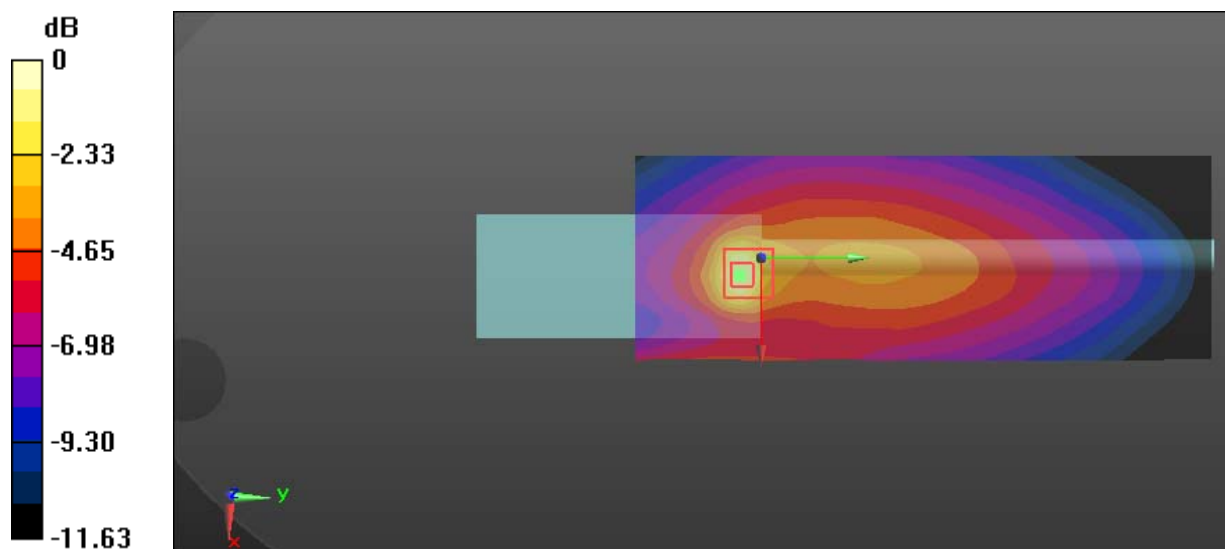
Communication System: FM; Frequency: 154 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 154 \text{ MHz}$ ;  $\sigma = 0.788 \text{ S/m}$ ;  $\epsilon_r = 61.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $6.32 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $38.10 \text{ V/m}$ ; Power Drift =  $0.08 \text{ dB}$ Peak SAR (extrapolated) =  $11.5 \text{ W/kg}$ **SAR(1 g) =  $4.12 \text{ W/kg}$ ; SAR(10 g) =  $2.42 \text{ W/kg}$** Maximum value of SAR (measured) =  $7.66 \text{ W/kg}$  $0 \text{ dB} = 7.66 \text{ W/kg} = 8.84 \text{ dBW/kg}$

**Test Plot 55#: Antenna 4\_PTT\_FM 12.5kHz\_Body Back\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.823$  S/m;  $\epsilon_r = 60.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 9.54 W/kg

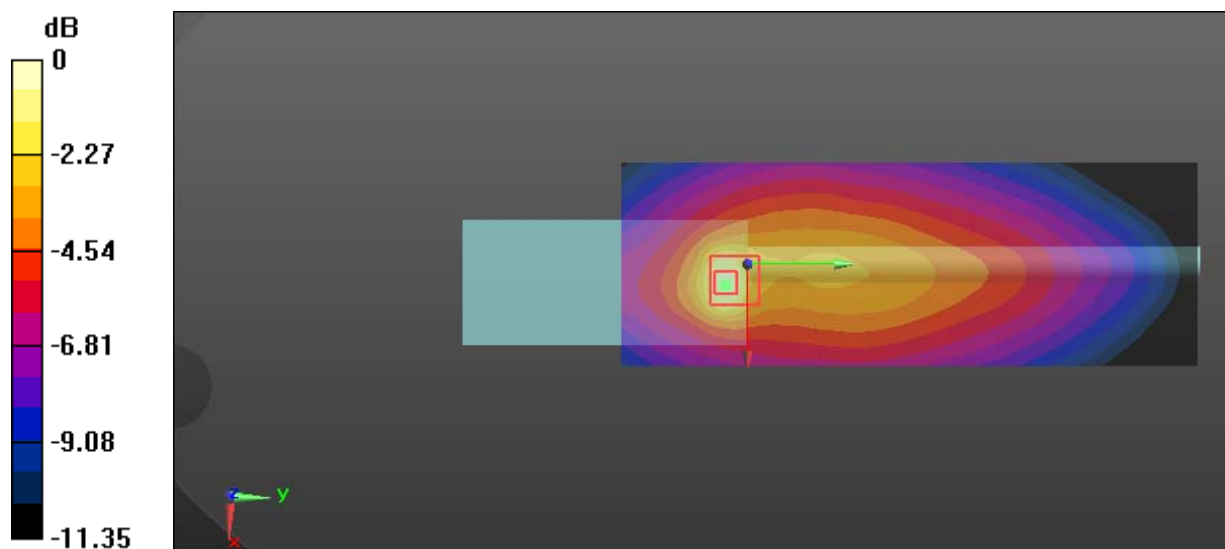
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 75.83 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 15.1 W/kg

**SAR(1 g) = 5.96 W/kg; SAR(10 g) = 3.6 W/kg**

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

**Test Plot 56#: Antenna 4\_PTT\_FM 12.5kHz\_Body Back\_173.9875 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

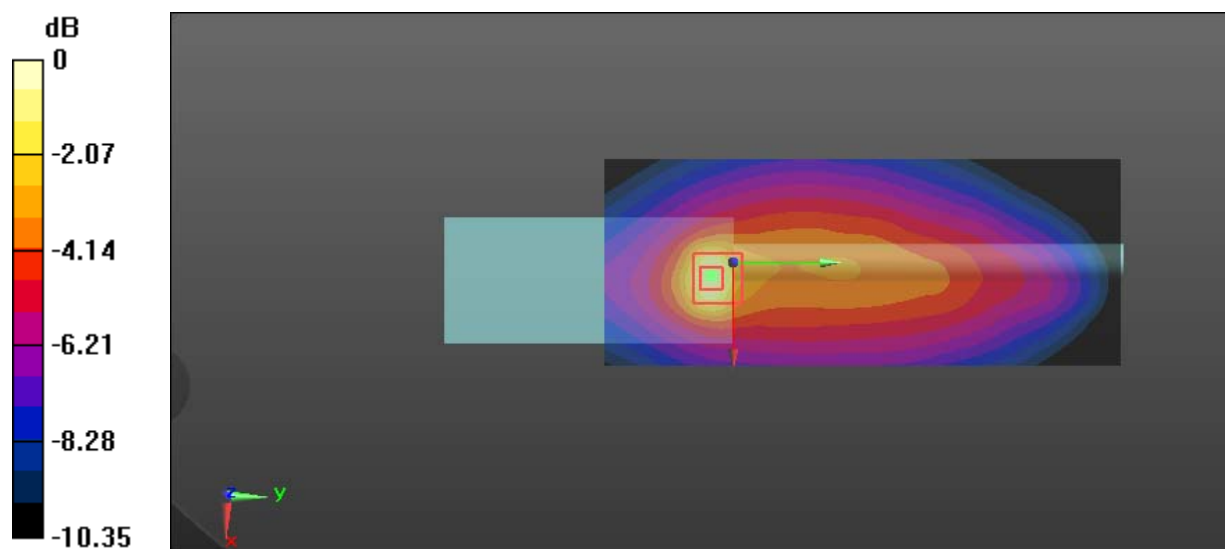
Communication System: FM; Frequency: 173.988 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 173.988 \text{ MHz}$ ;  $\sigma = 0.841 \text{ S/m}$ ;  $\epsilon_r = 60.117$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $8.64 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $76.34 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$ Peak SAR (extrapolated) =  $15.1 \text{ W/kg}$ **SAR(1 g) =  $4.36 \text{ W/kg}$ ; SAR(10 g) =  $1.77 \text{ W/kg}$** Maximum value of SAR (measured) =  $9.82 \text{ W/kg}$ 0 dB =  $9.82 \text{ W/kg}$  =  $9.92 \text{ dBW/kg}$



**Test Plot 57#: Antenna 4\_PTT\_FM 25kHz\_Body Back\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.823$  S/m;  $\epsilon_r = 60.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.76 W/kg

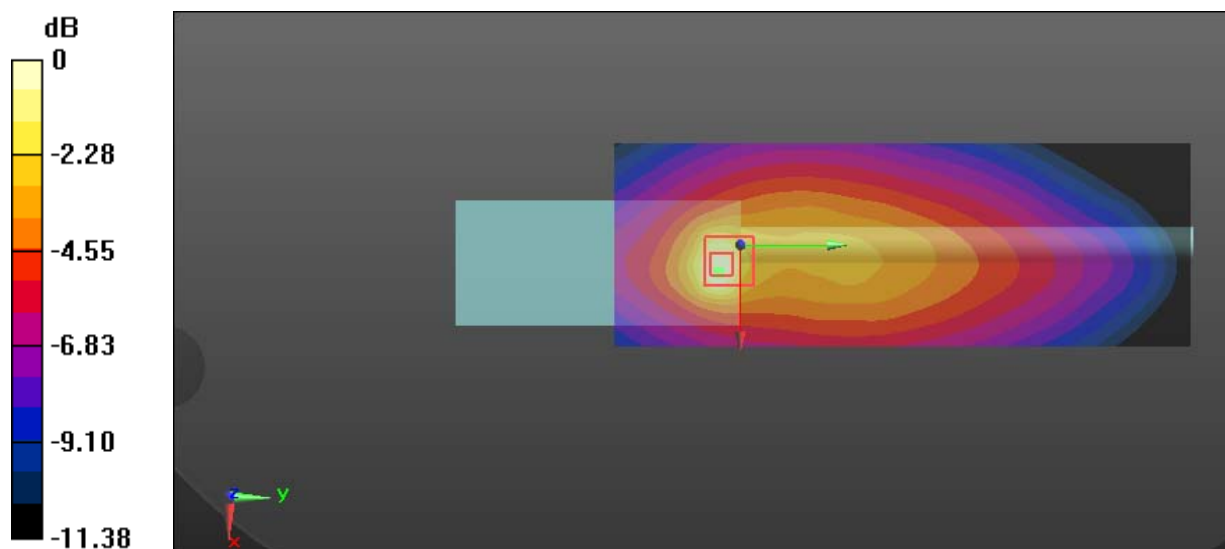
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 74.33 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 14.6 W/kg

**SAR(1 g) = 5.72 W/kg; SAR(10 g) = 3.45 W/kg**

Maximum value of SAR (measured) = 9.90 W/kg



0 dB = 9.90 W/kg = 9.96 dBW/kg

**Test Plot 58#: Antenna 4\_PTT\_4FSK 12.5kHz\_Body Back\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD782iG VHF; Serial: 18081600720**

Communication System: 4FSK; Frequency: 160.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.823$  S/m;  $\epsilon_r = 60.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.80 W/kg

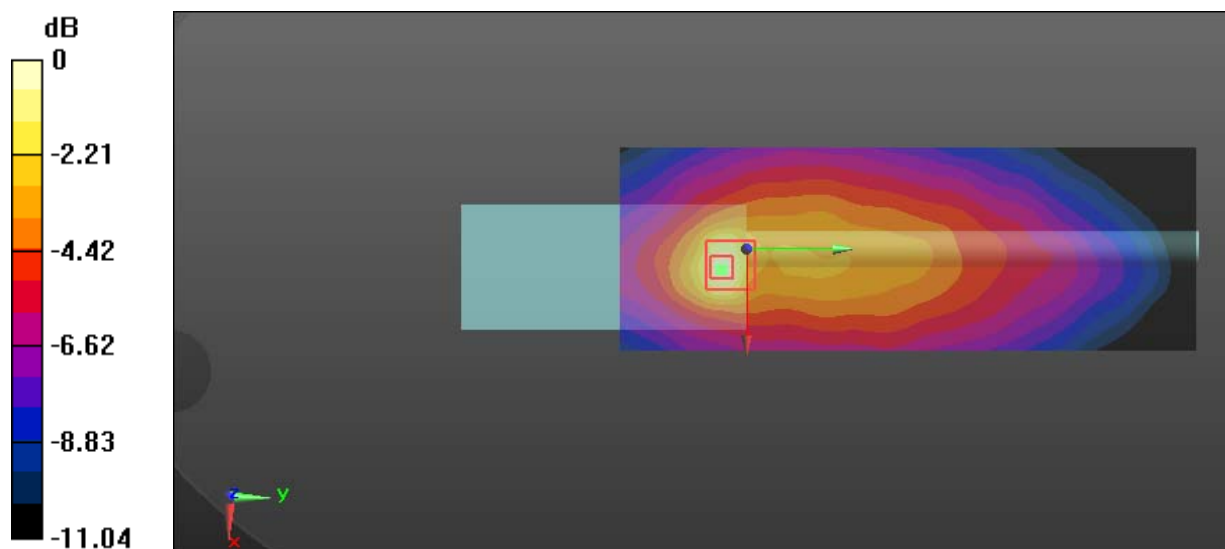
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.41 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 7.55 W/kg

**SAR(1 g) = 3.04 W/kg; SAR(10 g) = 1.86 W/kg**

Maximum value of SAR (measured) = 5.28 W/kg



0 dB = 5.28 W/kg = 7.23 dBW/kg

**Test Plot 59#: Antenna 4\_PTT\_FM 12.5kHz\_Body Back\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD752iG VHF; Serial: 18081600721**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.823$  S/m;  $\epsilon_r = 60.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

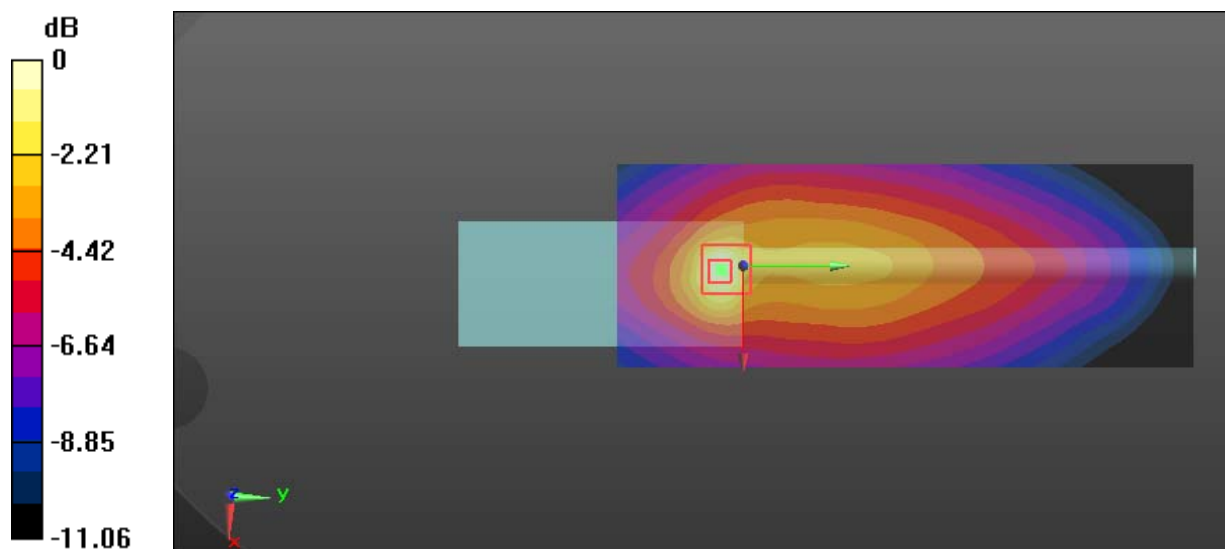
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 76.11 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 15.0 W/kg

**SAR(1 g) = 6.03 W/kg; SAR(10 g) = 3.66 W/kg**

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



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

**Test Plot 60#: Antenna 4\_PTT\_FM 12.5kHz\_Body Back\_160.0125 MHz****DUT: Digital Portable Radio; Type: PD702iG VHF; Serial: 18081600722**

Communication System: FM; Frequency: 160.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 160.012$  MHz;  $\sigma = 0.823$  S/m;  $\epsilon_r = 60.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(12.56, 12.56, 12.56); Calibrated: 2018/1/22;
- 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 (61x171x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 11.6 W/kg

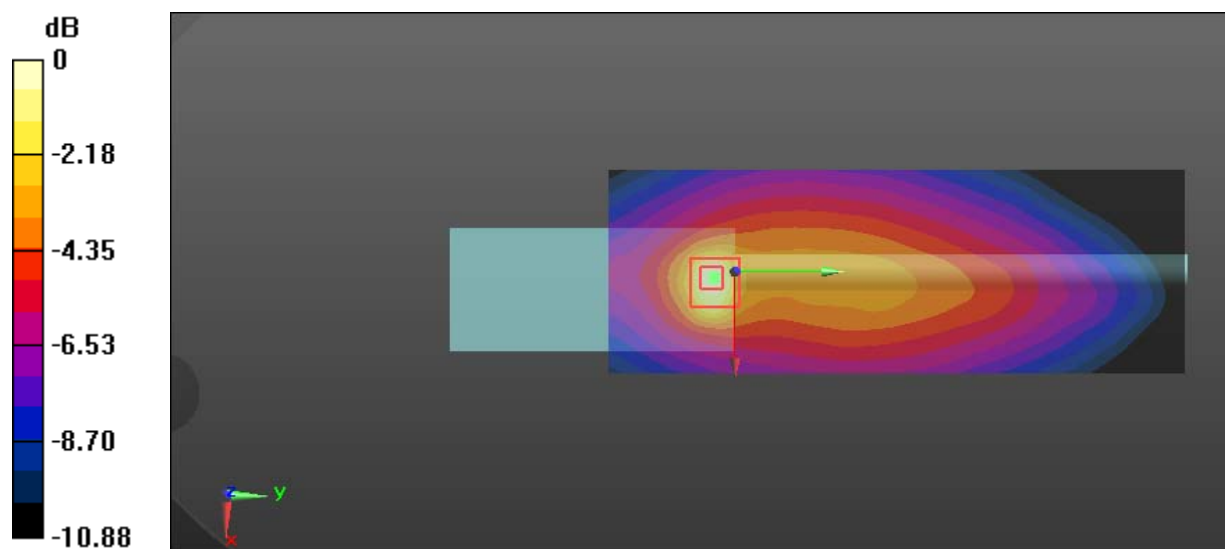
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 75.44 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 14.8 W/kg

**SAR(1 g) = 5.84 W/kg; SAR(10 g) = 3.53 W/kg**

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



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