

**Test Plot 1#: PTT\_FM 12.5kHz\_Face Up\_430.0125MHz**

**DUT: Digital Poratable Radio; Type: PD362i Uc; Serial: 17122000420**

Communication System: FM; Frequency: 430.012 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 430.012 \text{ MHz}$ ;  $\sigma = 0.862 \text{ S/m}$ ;  $\epsilon_r = 44.536$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (61x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.86 W/kg

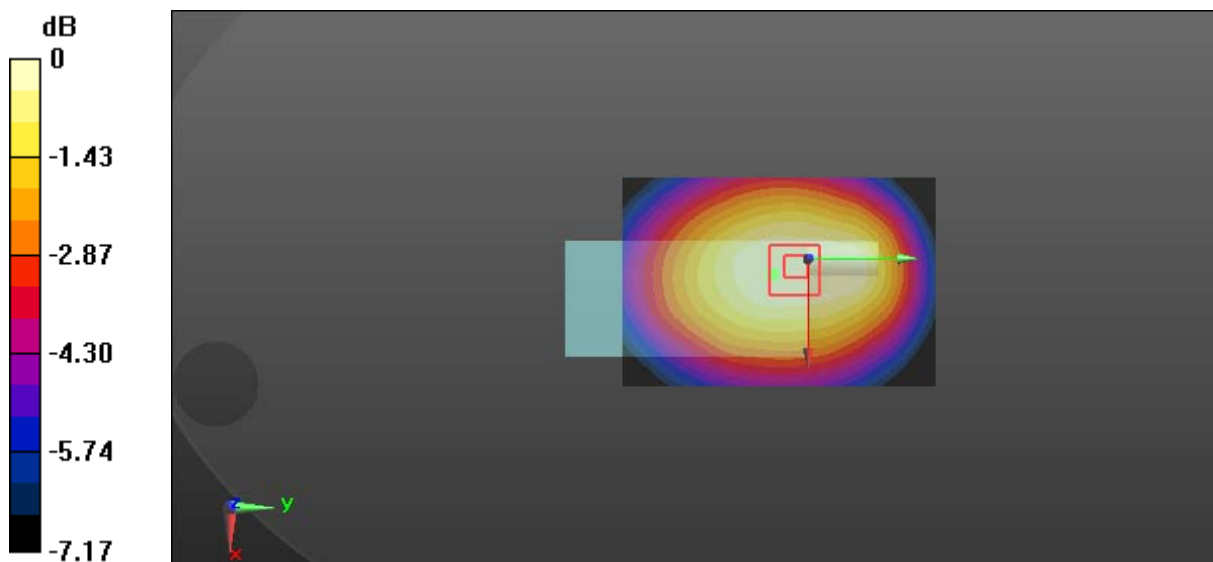
**Zoom Scan (5x7x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 44.16 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.07 W/kg

**SAR(1 g) = 1.48 W/kg; SAR(10 g) = 1.14 W/kg**

Maximum value of SAR (measured) = 1.82 W/kg



0 dB = 1.82 W/kg = 2.60 dBW/kg

**Test Plot 1#: PTT\_FM 25kHz\_Face Up\_430.0125MHz**

**DUT: Digital Poratable Radio; Type: PD362i Uc; Serial: 17122000420**

Communication System: FM; Frequency: 430.012 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 430.012$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 44.536$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.02 W/kg

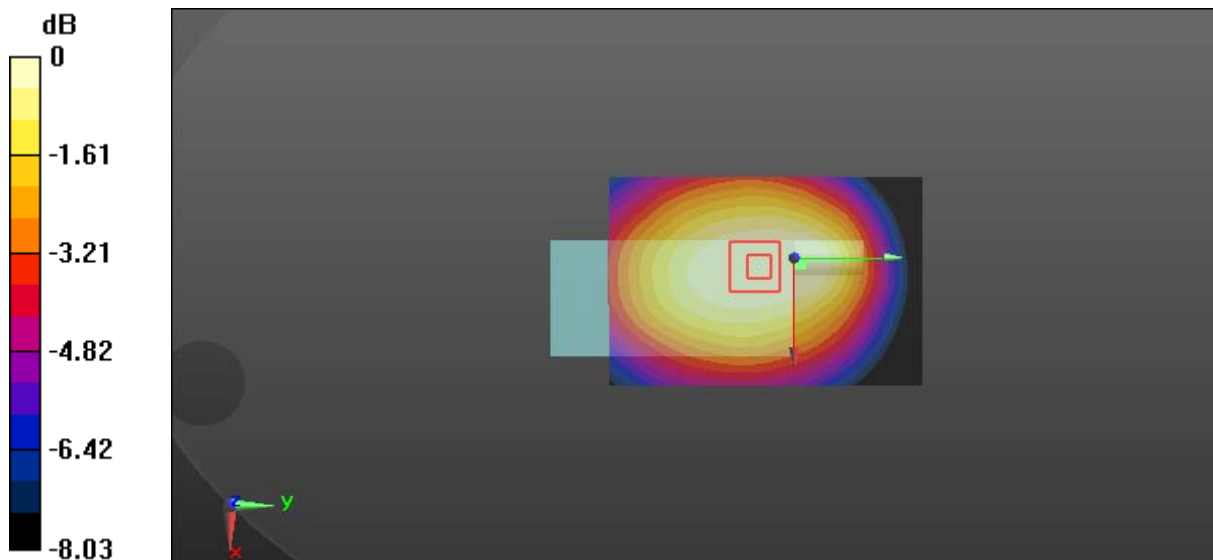
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.13 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.28 W/kg

**SAR(1 g) = 1.55 W/kg; SAR(10 g) = 1.19 W/kg**

Maximum value of SAR (measured) = 1.94 W/kg



0 dB = 1.94 W/kg = 2.88 dBW/kg

**Test Plot 1#: PTT\_4FSK 12.5kHz\_Face Up\_430.0125MHz**

**DUT: Digital Poratable Radio; Type: PD362i Uc; Serial: 17122000420**

Communication System: 4FSK; Frequency: 430.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 430.012 \text{ MHz}$ ;  $\sigma = 0.862 \text{ S/m}$ ;  $\epsilon_r = 44.536$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (61x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.08 W/kg

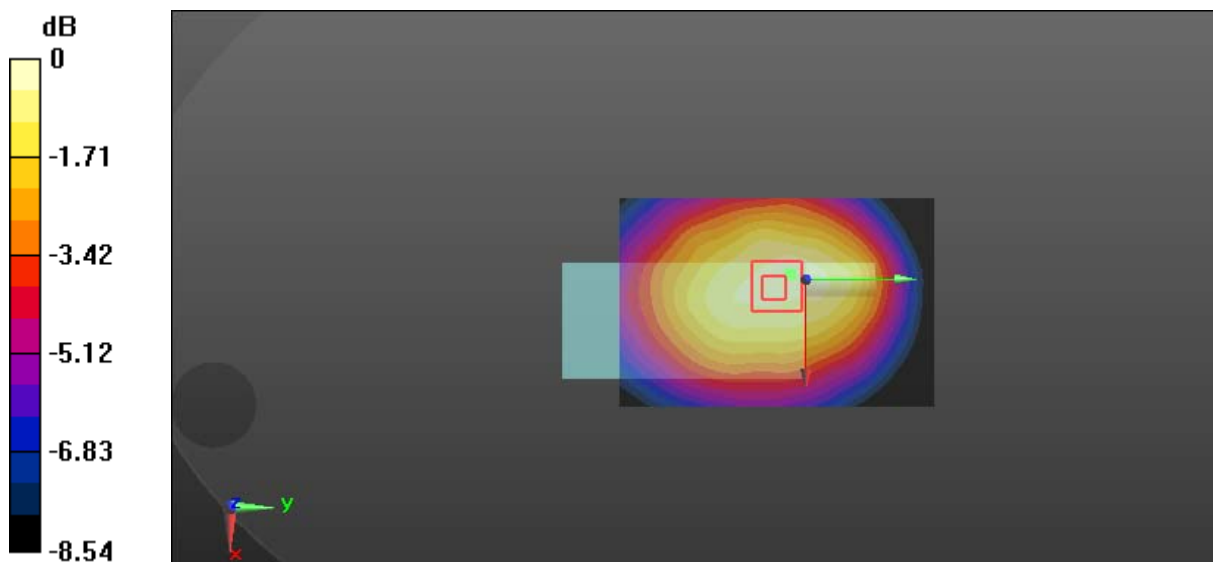
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 30.98 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.622 W/kg**

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

**Test Plot 4#: PTT\_FM 12.5kHz\_Body Back\_430.0125 MHz****DUT: Digital Poratable Radio; Type: PD362i Uc; Serial: 17122000420**

Communication System: FM; Frequency: 430.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 430.012$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 58.132$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

**Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.46 W/kg

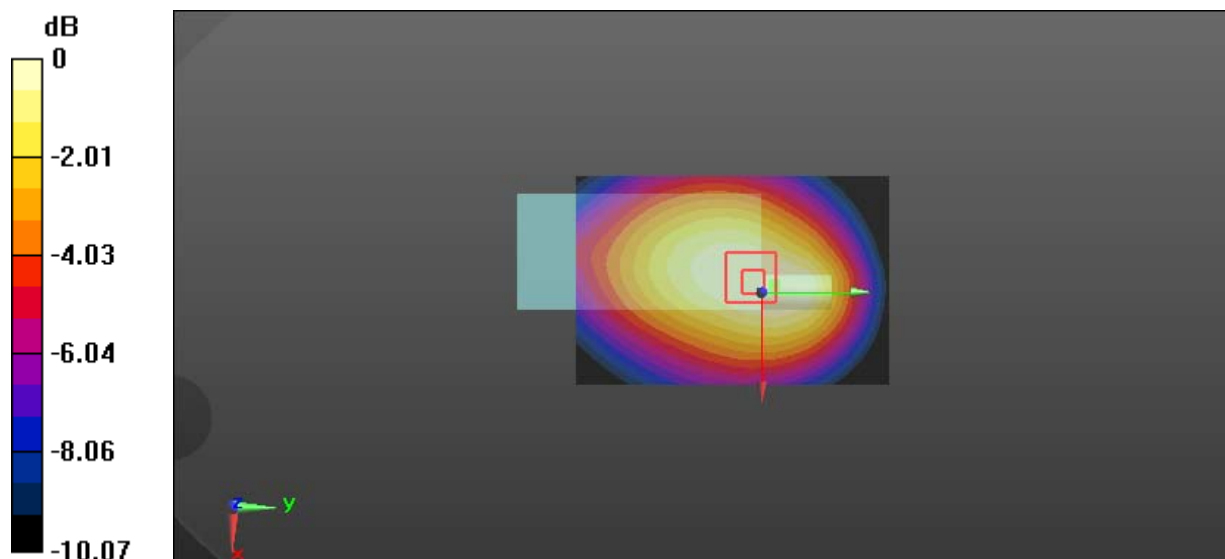
**Zoom Scan (6x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.00 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.94 W/kg

**SAR(1 g) = 2.56 W/kg; SAR(10 g) = 2 W/kg**

Maximum value of SAR (measured) = 3.21 W/kg



0 dB = 3.21 W/kg = 5.07 dBW/kg

**Test Plot 4#: PTT\_FM 25kHz\_Body Back\_430.0125 MHz**

**DUT: Digital Poratable Radio; Type: PD362i Uc; Serial: 17122000420**

Communication System: FM; Frequency: 430.012 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 430.012$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 58.132$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

**Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

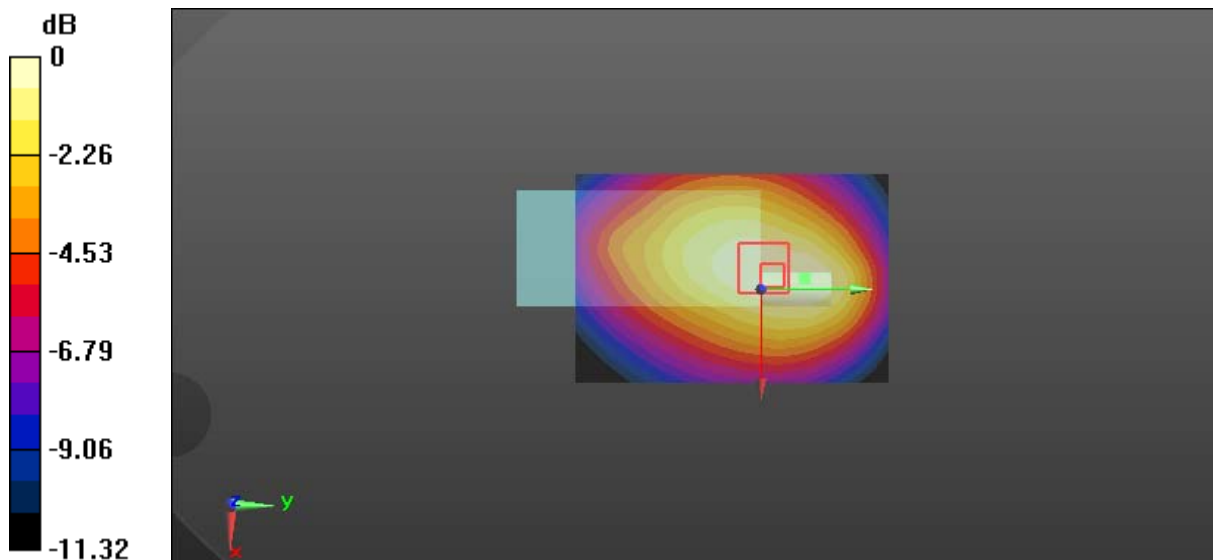
**Zoom Scan (6x8x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.26 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.04 W/kg

**SAR(1 g) = 2.66 W/kg; SAR(10 g) = 2.06 W/kg**

Maximum value of SAR (measured) = 3.39 W/kg



0 dB = 3.39 W/kg = 5.30 dBW/kg

**Test Plot 4#: PTT\_4FSK 12.5kHz\_Body Back\_430.0125 MHz****DUT: Digital Poratable Radio; Type: PD362i Uc; Serial: 17122000420**

Communication System: 4FSK; Frequency: 430.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 430.012$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 58.132$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

**Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.57 W/kg

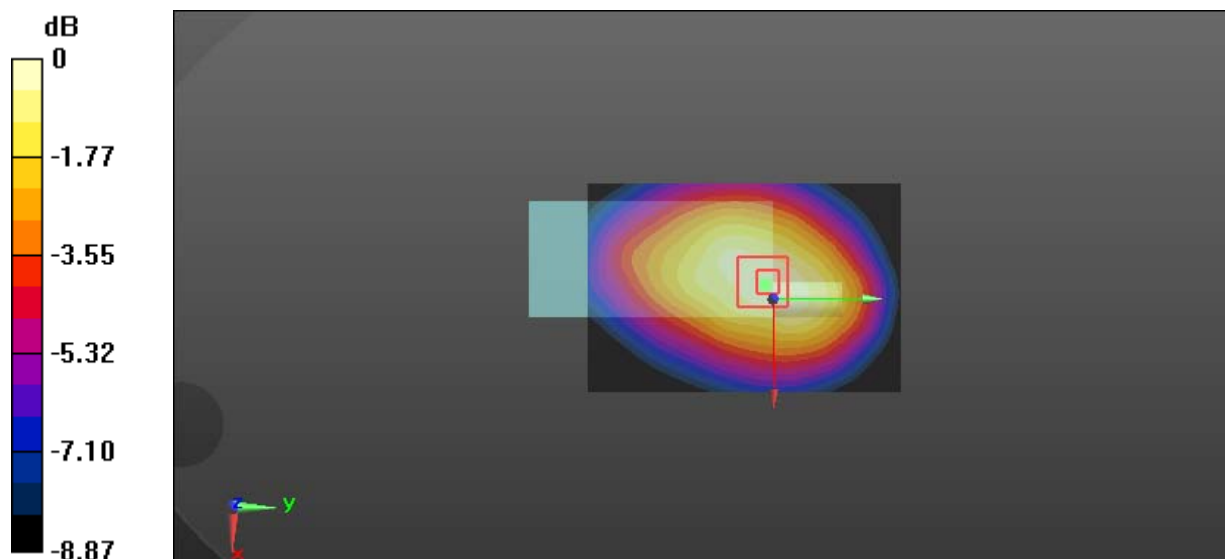
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.64 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.865 W/kg**

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg