

**Test Plot 1#: PTT\_FM 25KHz\_Face Up\_144 MHz****DUT: Digital Portable Radio; Type: PD982 VHF; Serial: 17090701520**

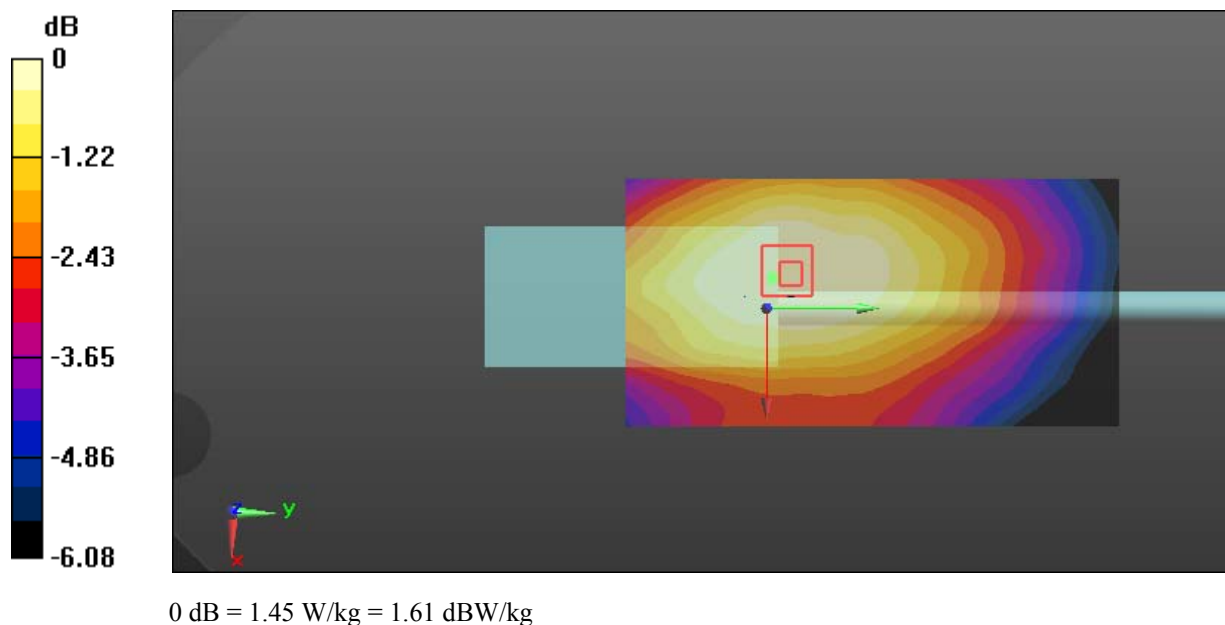
Communication System: FM; Frequency: 144 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 144 \text{ MHz}$ ;  $\sigma = 0.763 \text{ S/m}$ ;  $\epsilon_r = 51.806$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); 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 (71x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $1.53 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $45.58 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$ Peak SAR (extrapolated) =  $1.72 \text{ W/kg}$ **SAR(1 g) =  $1.09 \text{ W/kg}$ ; SAR(10 g) =  $0.829 \text{ W/kg}$** Maximum value of SAR (measured) =  $1.45 \text{ W/kg}$ 

**Test Plot 2#: PTT\_FM 25KHz\_Body Back\_144 MHz**

**DUT: Digital Portable Radio; Type: PD982 VHF; Serial: 17090701520**

Communication System: FM; Frequency: 144 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 144 \text{ MHz}$ ;  $\sigma = 0.822 \text{ S/m}$ ;  $\epsilon_r = 60.754$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); 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 (71x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.88 \text{ W/kg}$

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

Reference Value =  $46.90 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $4.74 \text{ W/kg}$

**SAR(1 g) =  $1.84 \text{ W/kg}$ ; SAR(10 g) =  $1.12 \text{ W/kg}$**

Maximum value of SAR (measured) =  $3.25 \text{ W/kg}$

