

Test Plot 1#: PTT_FM 12.5kHz_Face Up_147.0125 MHz**DUT: DMR Digital Radio; Type: D-150; Serial: 18081305021**

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

Medium parameters used: $f = 147.012$ MHz; $\sigma = 0.725$ S/m; $\epsilon_r = 52.832$; $\rho = 1000$ kg/m³

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 (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.474 W/kg

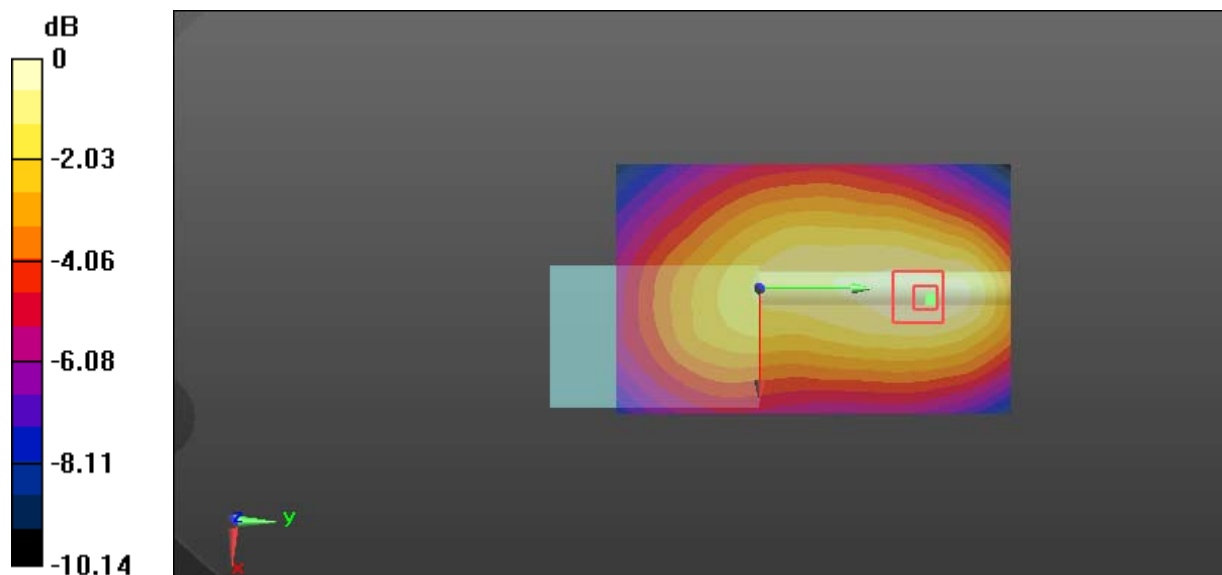
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.09 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.699 W/kg

SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.487 W/kg



0 dB = 0.487 W/kg = -3.12 dBW/kg

Test Plot 2#: PTT_4FSK 12.5kHz_Face Up_147.0125 MHz**DUT: DMR Digital Radio; Type: D-150; Serial: 18081305021**

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

Medium parameters used: $f = 147.012$ MHz; $\sigma = 0.725$ S/m; $\epsilon_r = 52.832$; $\rho = 1000$ kg/m³

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 (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.516 W/kg

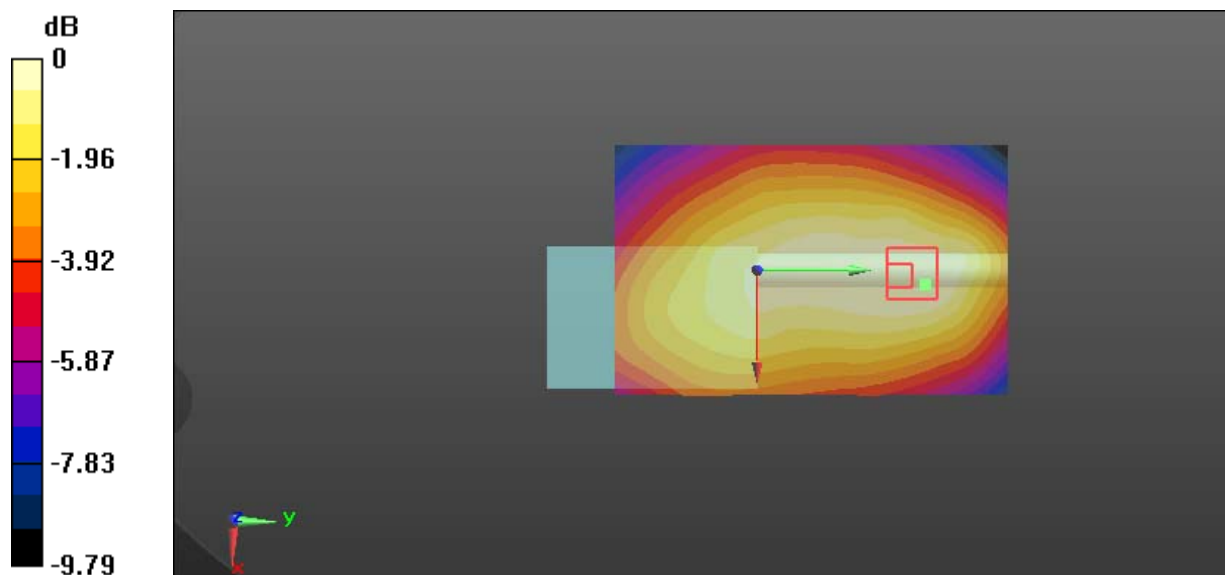
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.67 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.650 W/kg

SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 0.487 W/kg



0 dB = 0.487 W/kg = -3.12 dBW/kg

Test Plot 3#: PTT_FM 12.5kHz_Body Back_147.0125 MHz**DUT: DMR Digital Radio; Type: D-150; Serial: 18081305021**

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

Medium parameters used: $f = 147.012$ MHz; $\sigma = 0.788$ S/m; $\epsilon_r = 62.299$; $\rho = 1000$ kg/m³

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 (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

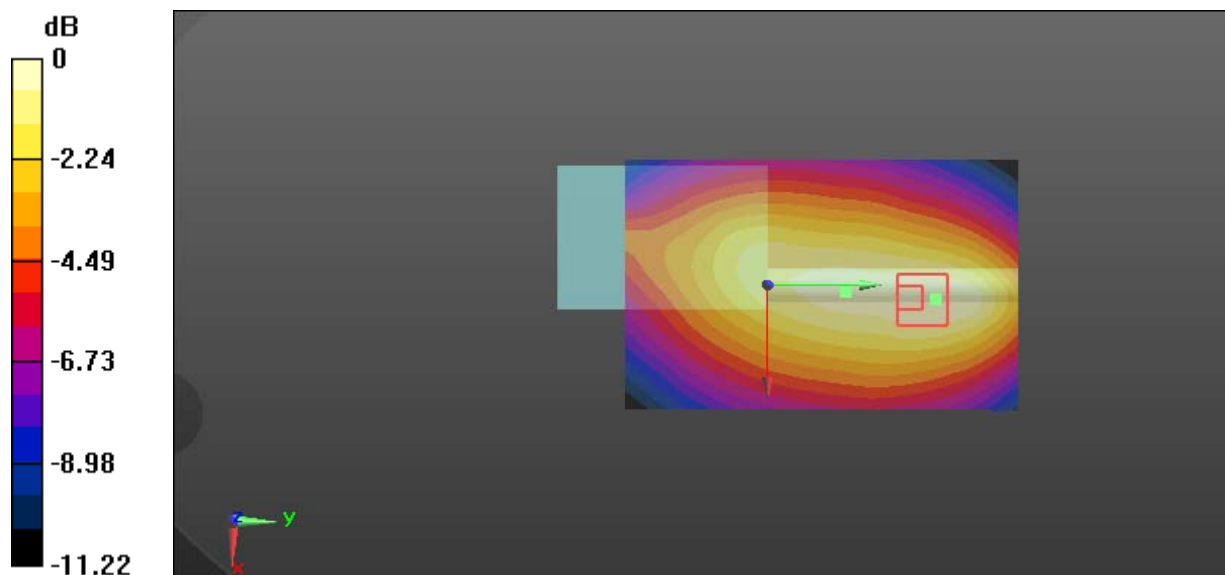
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.24 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.576 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

Test Plot 4#: PTT_4FSK 12.5kHz_Body Back_147.0125 MHz**DUT: DMR Digital Radio; Type: D-150; Serial: 18081305021**

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

Medium parameters used: $f = 147.012$ MHz; $\sigma = 0.788$ S/m; $\epsilon_r = 62.299$; $\rho = 1000$ kg/m³

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 (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

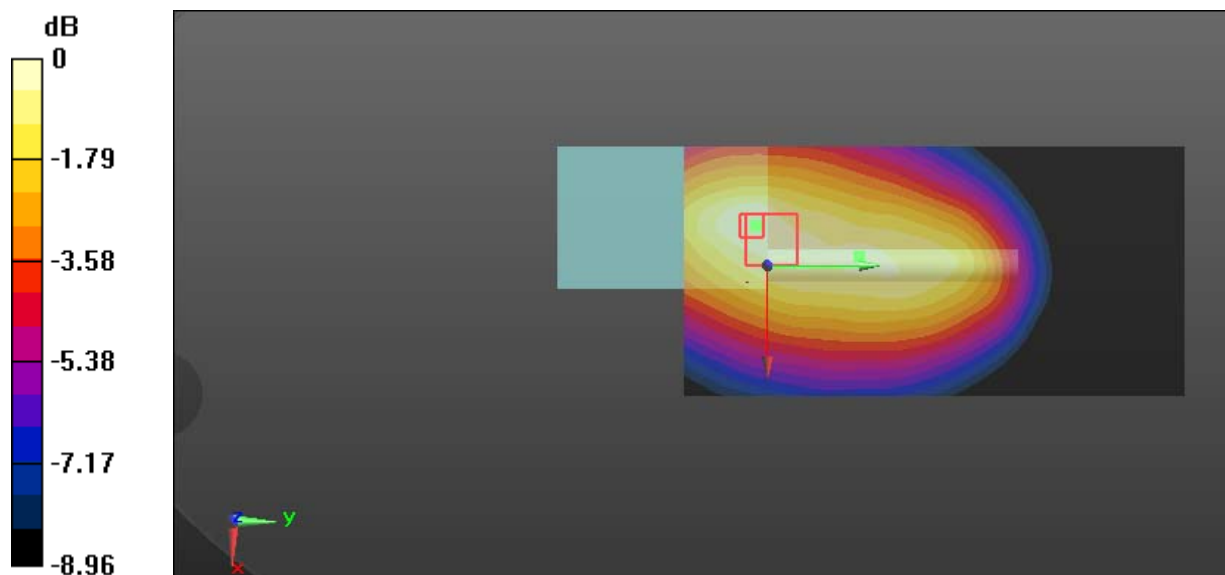
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.34 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.644 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

Test Plot 5#: PTT_4FSK 12.5kHz_Body Back with Headset Attached_147.0125 MHz**DUT: DMR Digital Radio; Type: D-150; Serial: 18081305021**

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

Medium parameters used: $f = 147.012$ MHz; $\sigma = 0.788$ S/m; $\epsilon_r = 62.299$; $\rho = 1000$ kg/m³

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 (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

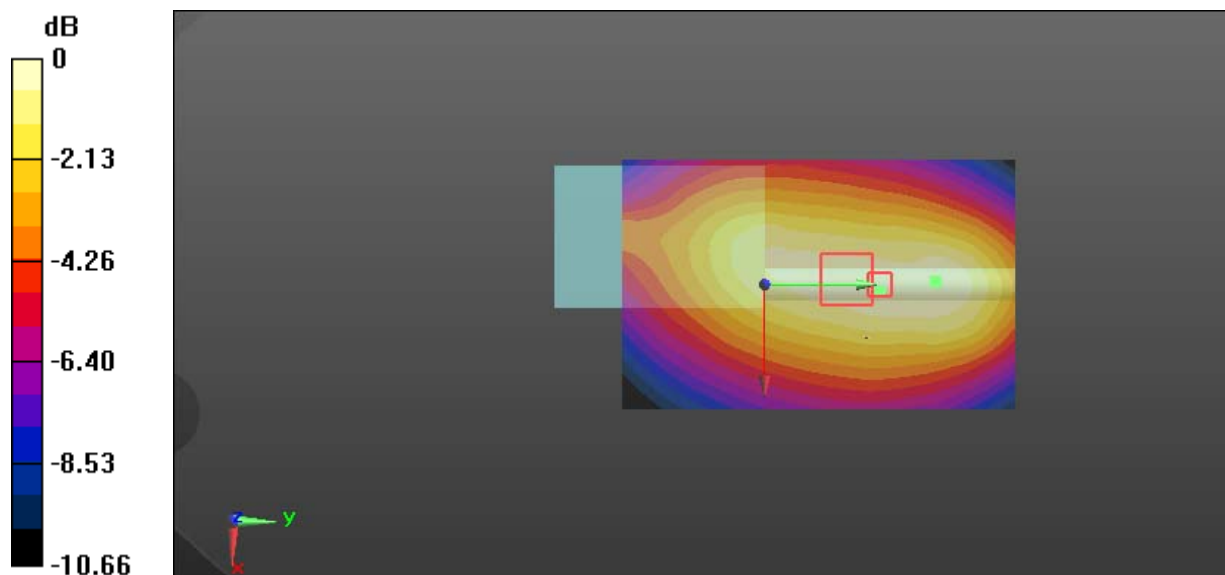
Zoom Scan (6x10x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.13 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.535 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg