

Test Plot 1#: PTT_FM 12.5kHz_Face Up_400.0125MHz**DUT: Two way radio; Type: AWR-D7000; Serial: 19032000820**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.841$ S/m; $\epsilon_r = 44.892$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/8/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.04 W/kg

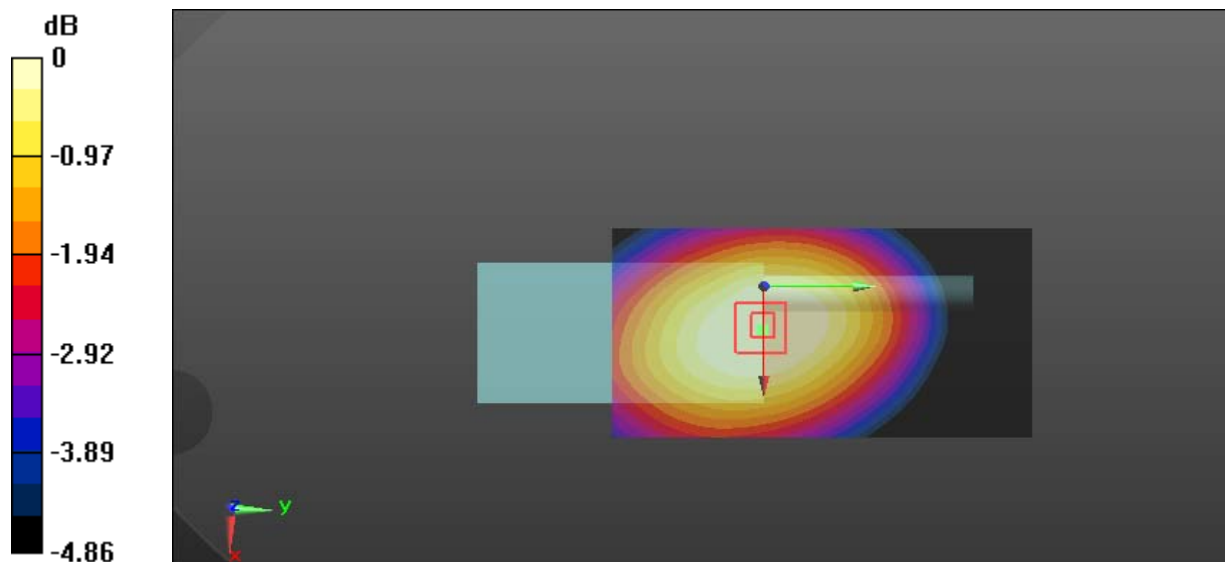
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.94 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 7.60 W/kg

SAR(1 g) = 6.43 W/kg; SAR(10 g) = 5.26 W/kg

Maximum value of SAR (measured) = 6.67 W/kg



0 dB = 6.67 W/kg = 8.24 dBW/kg

Test Plot 2#: PTT_FM 12.5kHz_Face Up_417.512MHz**DUT: Two way radio; Type: AWR-D7000; Serial: 19032000820**

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

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.854$ S/m; $\epsilon_r = 44.732$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/8/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.96 W/kg

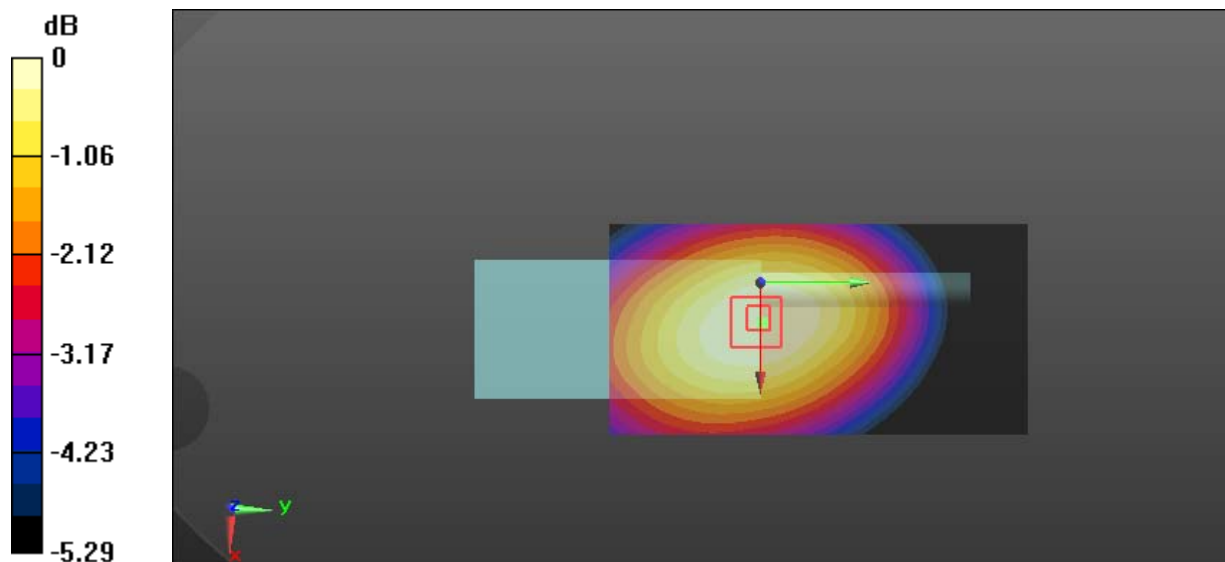
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.28 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 7.75 W/kg

SAR(1 g) = 6.54 W/kg; SAR(10 g) = 5.32 W/kg

Maximum value of SAR (measured) = 6.78 W/kg



0 dB = 6.78 W/kg = 8.31 dBW/kg

Test Plot 3#: PTT_FM 12.5kHz_Face Up_435.0125MHz**DUT: Two way radio; Type: AWR-D7000; Serial: 19032000820**

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

Medium parameters used: $f = 435.012$ MHz; $\sigma = 0.867$ S/m; $\epsilon_r = 44.568$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/8/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 9.65 W/kg

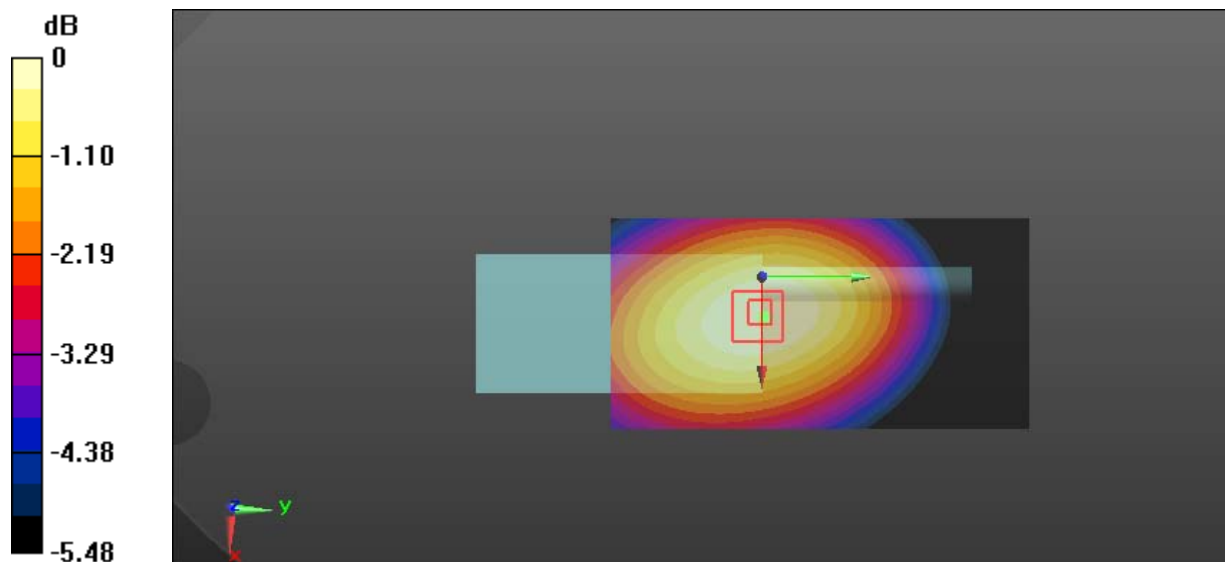
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 102.8 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 9.13 W/kg; SAR(10 g) = 7.37 W/kg

Maximum value of SAR (measured) = 9.48 W/kg



0 dB = 9.48 W/kg = 9.77 dBW/kg

Test Plot 4#: PTT_FM 12.5kHz_Face Up_452.4875MHz**DUT: Two way radio; Type: AWR-D7000; Serial: 19032000820**

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

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 44.407$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/8/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.20 W/kg

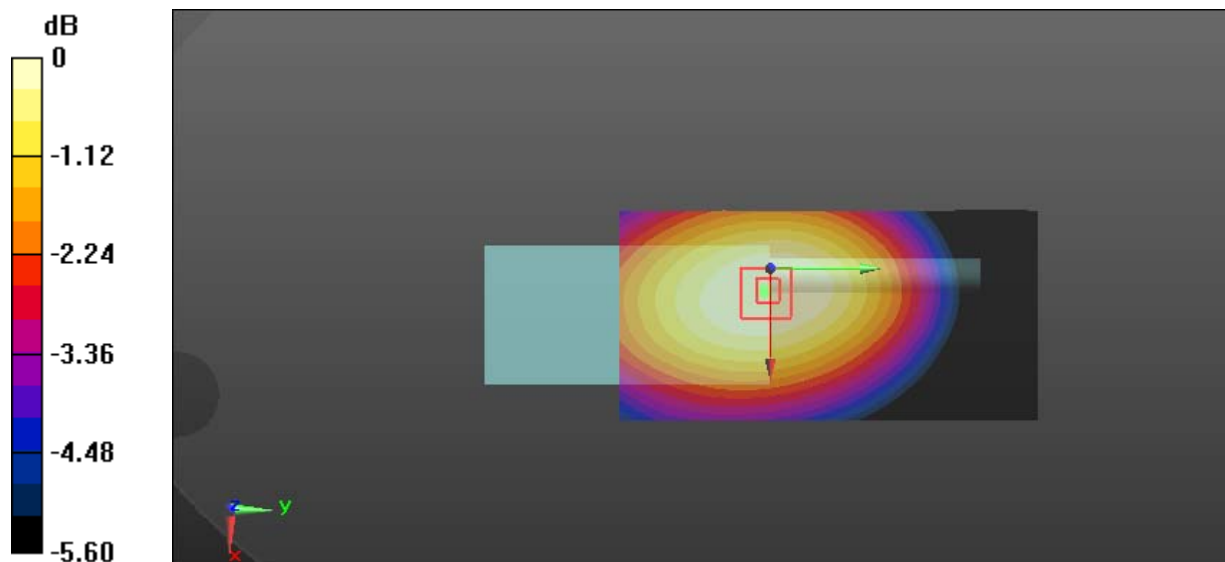
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.1 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 8.85 W/kg

SAR(1 g) = 7.57 W/kg; SAR(10 g) = 6.13 W/kg

Maximum value of SAR (measured) = 7.87 W/kg



0 dB = 7.87 W/kg = 8.96 dBW/kg

Test Plot 5#: PTT_FM 12.5kHz_Face Up_469.9875MHz**DUT: Two way radio; Type: AWR-D7000; Serial: 19032000820**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 44.245$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/8/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

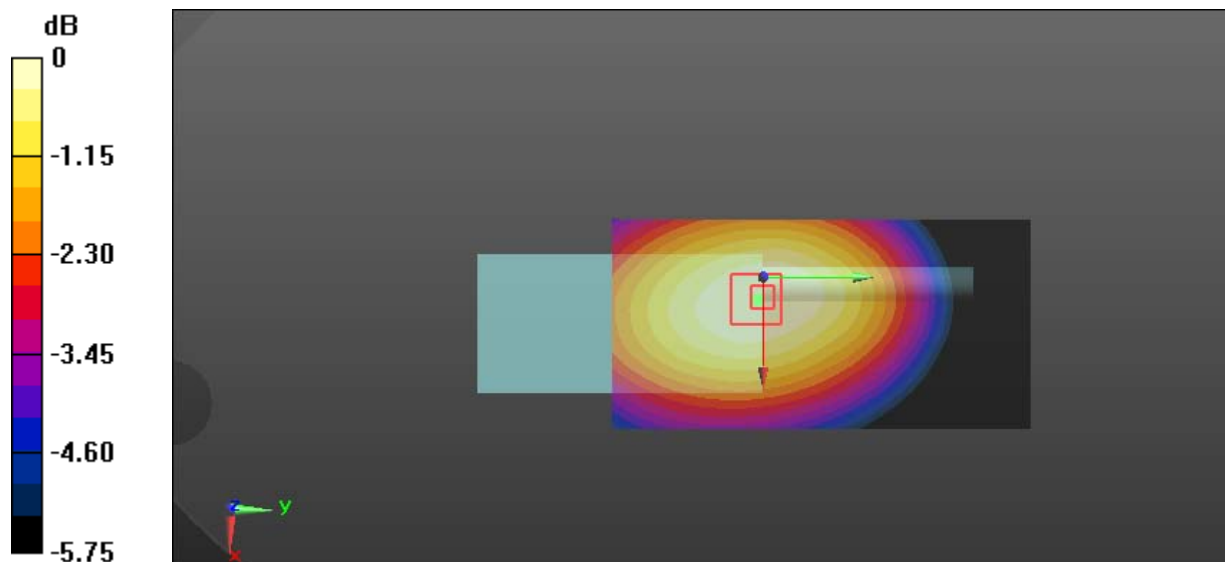
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 77.28 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 5.23 W/kg

SAR(1 g) = 4.49 W/kg; SAR(10 g) = 3.63 W/kg

Maximum value of SAR (measured) = 4.66 W/kg



0 dB = 4.66 W/kg = 6.68 dBW/kg

Test Plot 6#: PTT_4FSK 12.5kHz_Face Up_435.0125MHz**DUT: Two way radio; Type: AWR-D7000; Serial: 19032000820**

Communication System: 4FSK; Frequency: 435.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 435.012$ MHz; $\sigma = 0.867$ S/m; $\epsilon_r = 44.568$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/8/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.43 W/kg

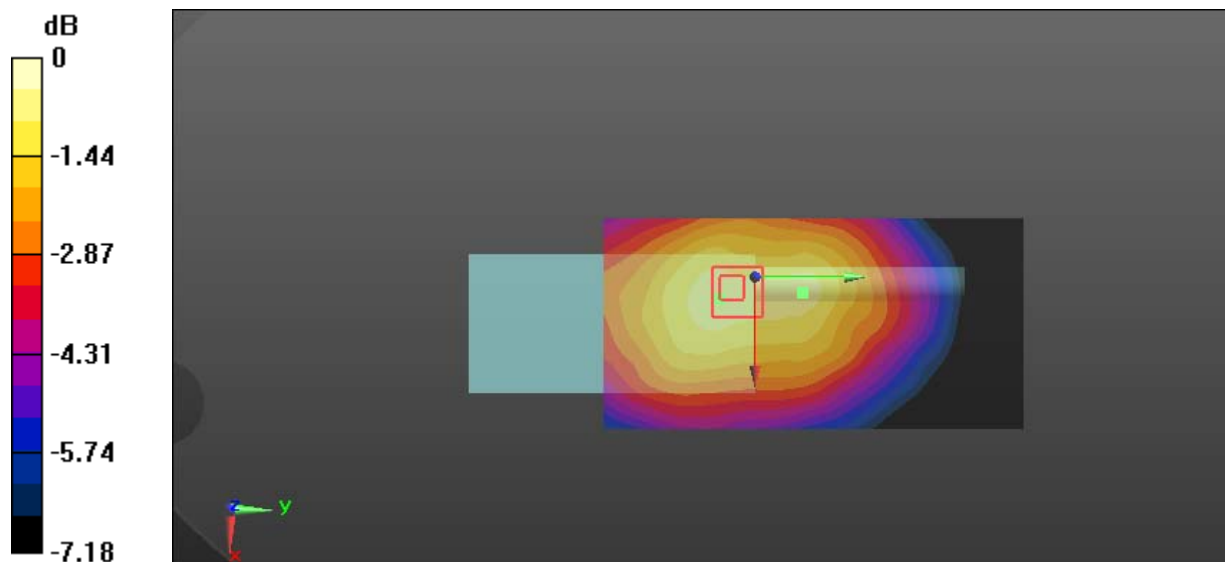
Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 74.33 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 7.04 W/kg

SAR(1 g) = 4.87 W/kg; SAR(10 g) = 3.76 W/kg

Maximum value of SAR (measured) = 5.22 W/kg



0 dB = 5.22 W/kg = 7.18 dBW/kg

Test Plot 7#: PTT_FM 12.5kHz_Body Back_400.0125 MHz**DUT: Two way radio; Type: AWR-D7000; Serial: 19032000820**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 57.902$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.1, 7.1, 7.1); Calibrated: 2018/8/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.13 W/kg

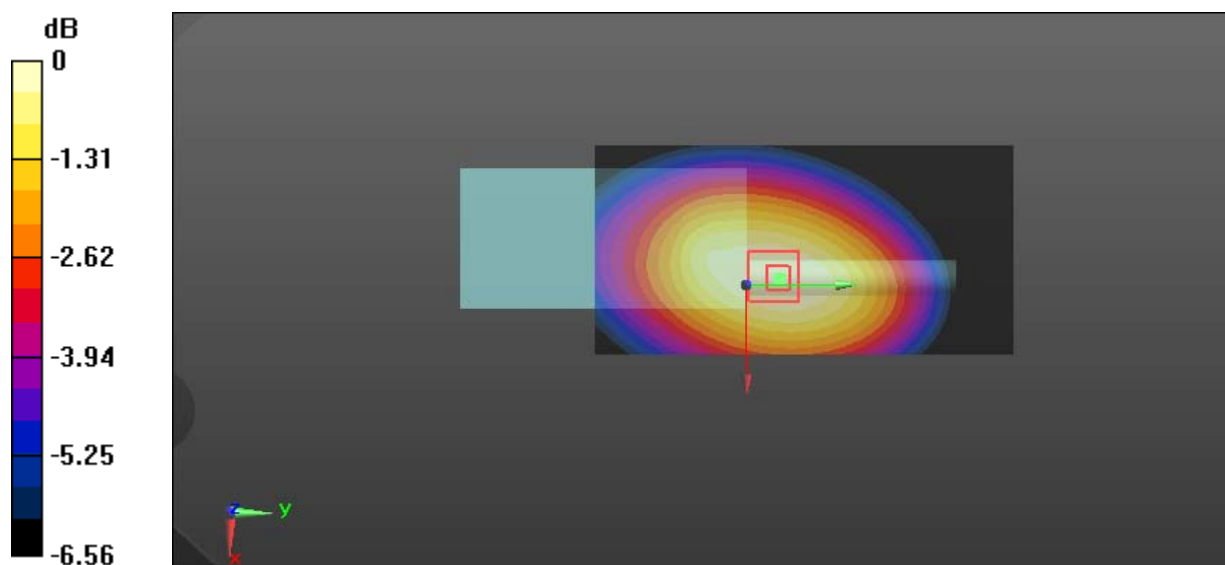
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.7 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 8.59 W/kg; SAR(10 g) = 6.63 W/kg

Maximum value of SAR (measured) = 8.98 W/kg



0 dB = 8.98 W/kg = 9.53 dBW/kg

Test Plot 8#: PTT_FM 12.5kHz_Body Back_417.5125 MHz**DUT: Two way radio; Type: AWR-D7000; Serial: 19032000820**

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

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 57.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.1, 7.1, 7.1); Calibrated: 2018/8/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

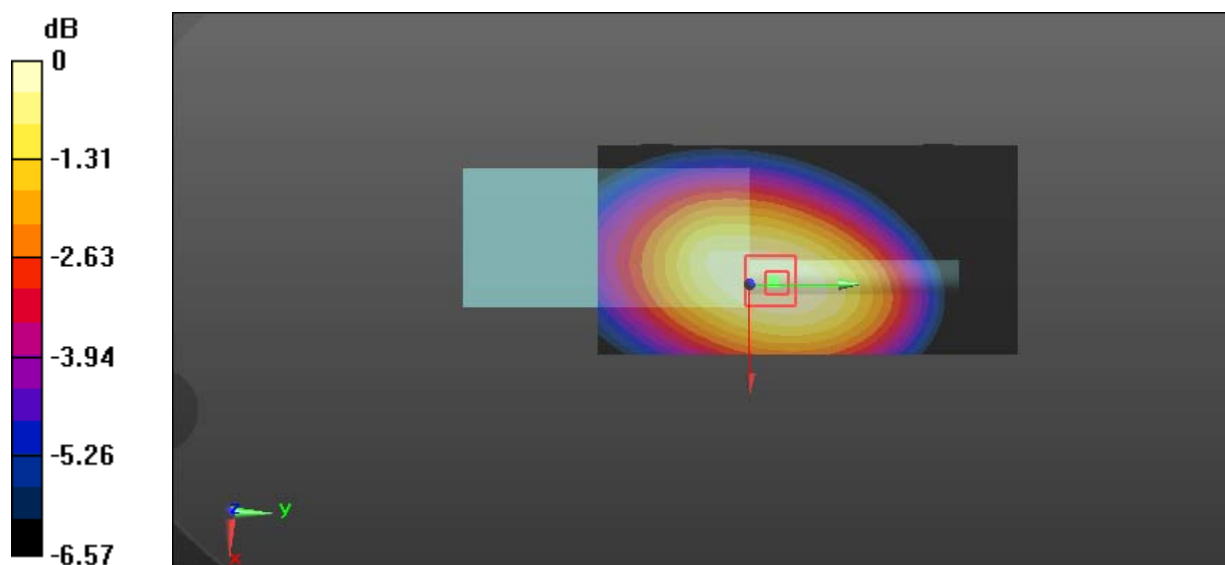
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 99.76 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 8.67 W/kg; SAR(10 g) = 6.66 W/kg

Maximum value of SAR (measured) = 9.05 W/kg



0 dB = 9.05 W/kg = 9.57 dBW/kg

Test Plot 9#: PTT_FM 12.5kHz_Body Back_435.0125 MHz**DUT: Two way radio; Type: AWR-D7000; Serial: 19032000820**

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

Medium parameters used: $f = 435.012$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 57.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.1, 7.1, 7.1); Calibrated: 2018/8/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

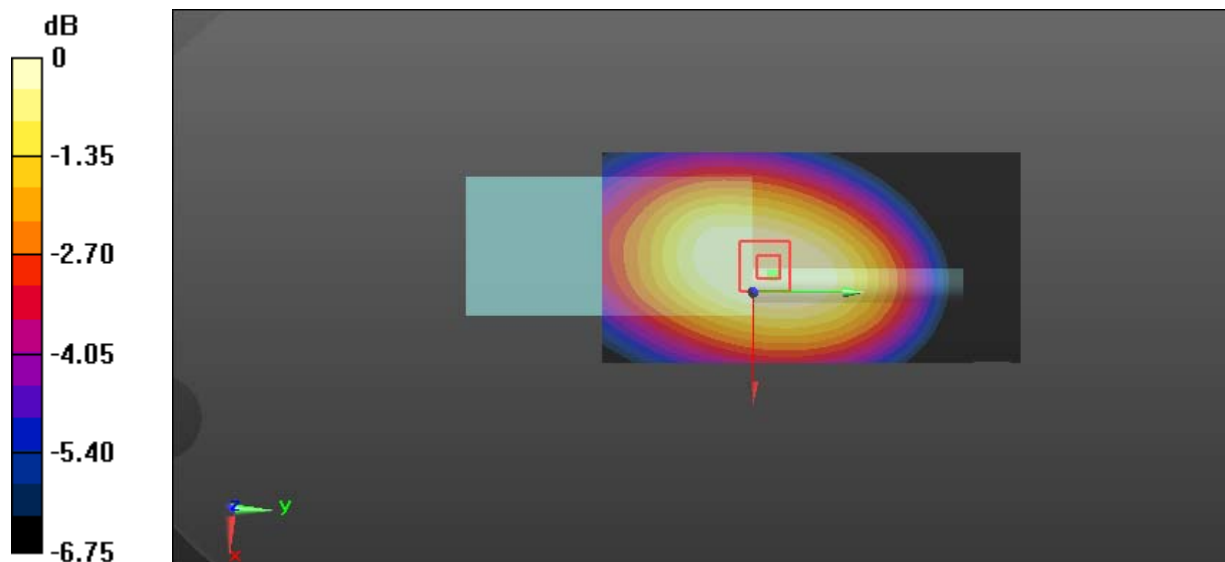
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 114.6 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 14.0 W/kg

SAR(1 g) = 10.7 W/kg; SAR(10 g) = 8.18 W/kg

Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 11.1 W/kg = 10.45 dBW/kg

Test Plot 10#: PTT_FM 12.5kHz_Body Back_452.4875 MHz**DUT: Two way radio; Type: AWR-D7000; Serial: 19032000820**

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

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 57.544$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.1, 7.1, 7.1); Calibrated: 2018/8/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.07 W/kg

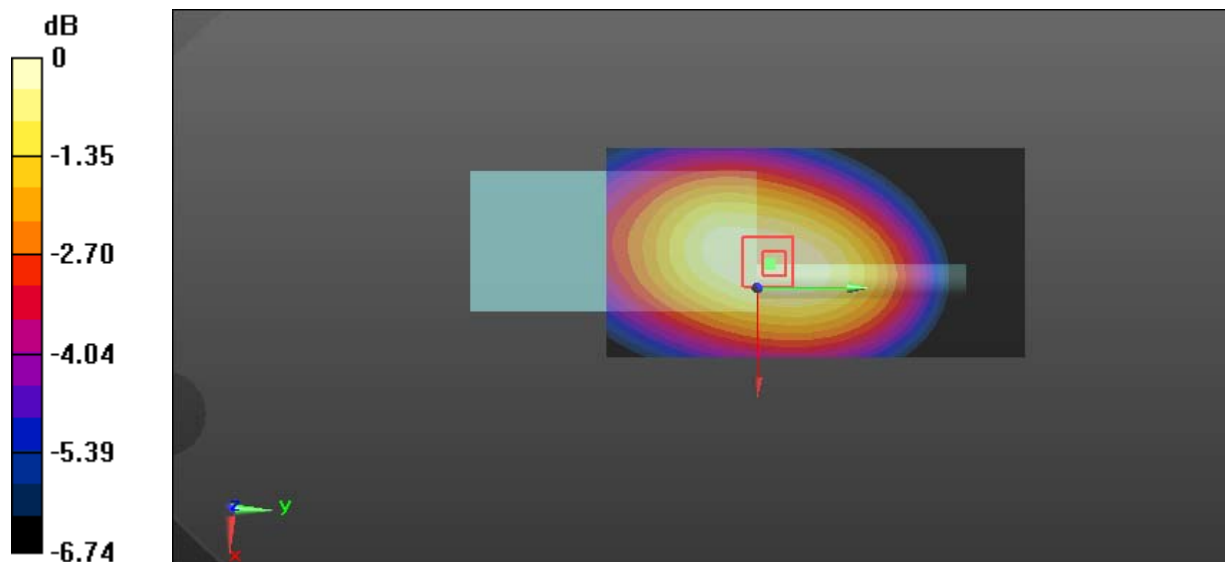
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.02 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 10.0 W/kg

SAR(1 g) = 7.63 W/kg; SAR(10 g) = 5.82 W/kg

Maximum value of SAR (measured) = 8.00 W/kg



0 dB = 8.00 W/kg = 9.03 dBW/kg

Test Plot 11#: PTT_FM 12.5kHz_Body Back_469.9875 MHz**DUT: Two way radio; Type: AWR-D7000; Serial: 19032000820**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.946$ S/m; $\epsilon_r = 57.425$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.1, 7.1, 7.1); Calibrated: 2018/8/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.61 W/kg

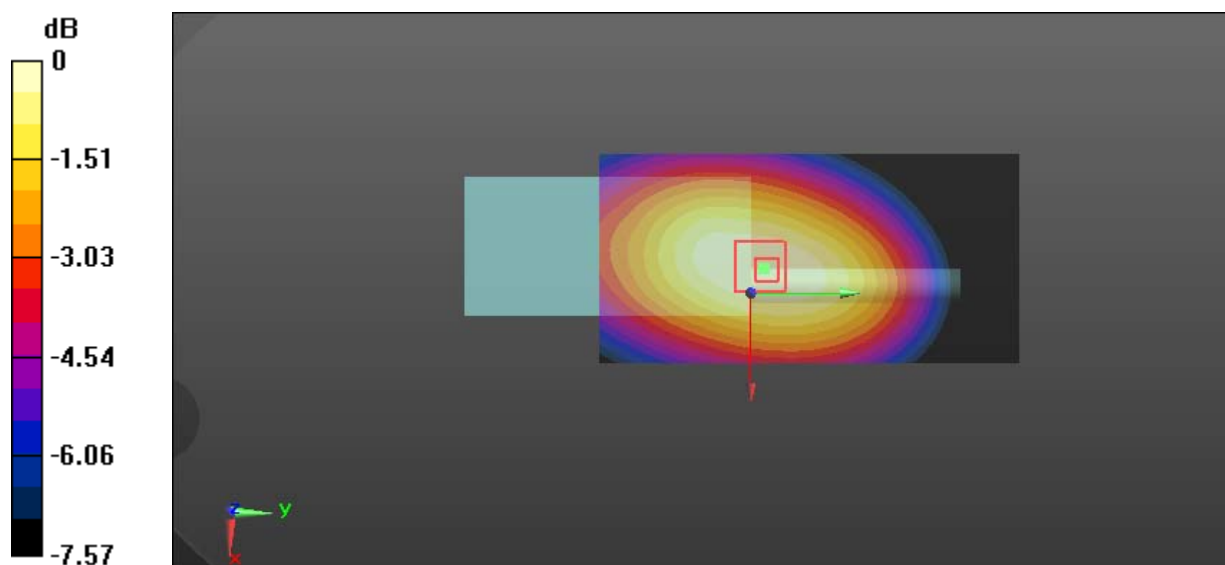
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 67.61 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 5.76 W/kg

SAR(1 g) = 4.4 W/kg; SAR(10 g) = 3.35 W/kg

Maximum value of SAR (measured) = 4.61 W/kg



0 dB = 4.61 W/kg = 6.64 dBW/kg

Test Plot 12#: PTT_4FSK 12.5kHz_Body Back_435.0125MHz**DUT: Two way radio; Type: AWR-D7000; Serial: 19032000820**

Communication System: 4FSK; Frequency: 435.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 435.012$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 57.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.1, 7.1, 7.1); Calibrated: 2018/8/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.58 W/kg

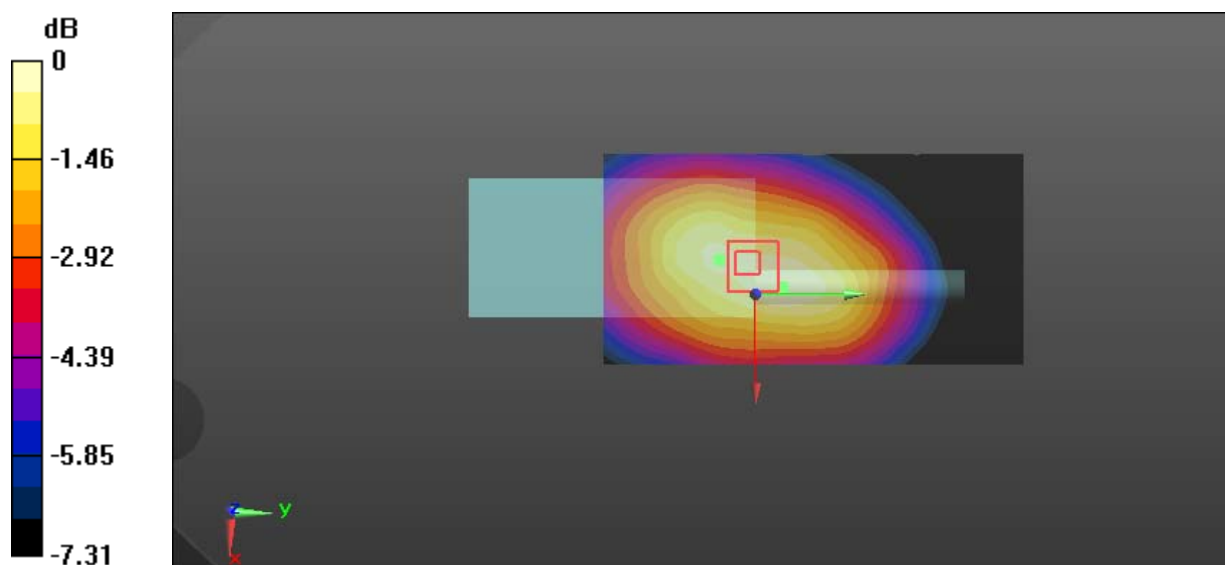
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.12 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.79 W/kg

SAR(1 g) = 6.07 W/kg; SAR(10 g) = 4.57 W/kg

Maximum value of SAR (measured) = 6.52 W/kg



0 dB = 6.52 W/kg = 8.14 dBW/kg