

Test Plot 1#: PTT_FM 12.5kHz_Face Up_400.0125MHz**DUT: Two way radio; Type: AWR-D7500; Serial: 19032000720**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.852$ S/m; $\epsilon_r = 44.705$; $\rho = 1000$ 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) = 6.83 W/kg

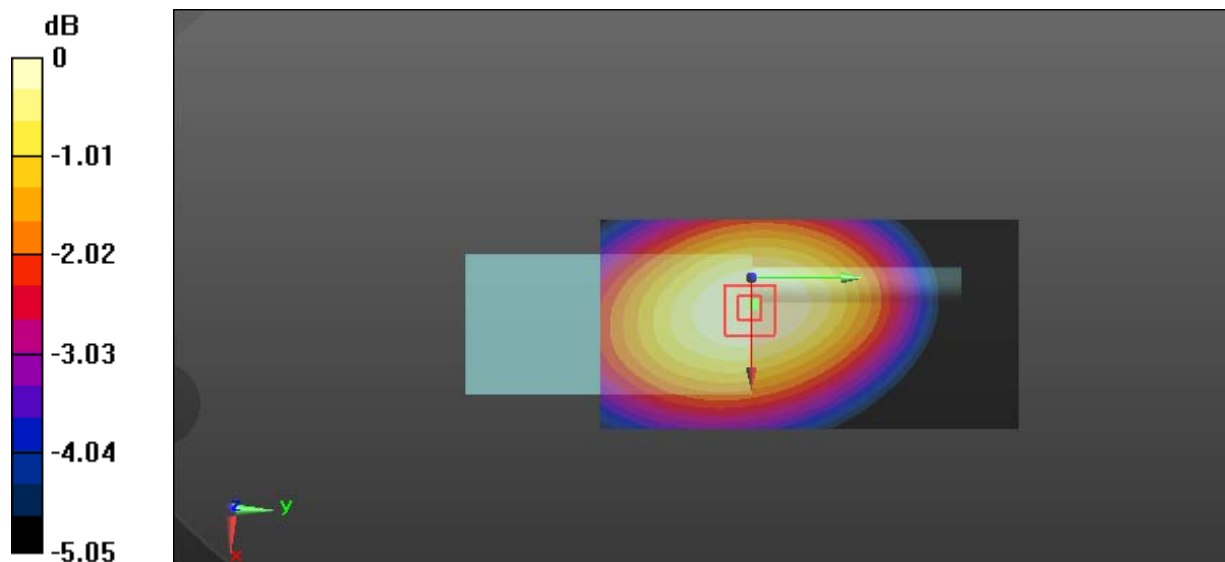
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.73 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 7.82 W/kg

SAR(1 g) = 6.41 W/kg; SAR(10 g) = 5.18 W/kg

Maximum value of SAR (measured) = 6.65 W/kg



0 dB = 6.65 W/kg = 8.23 dBW/kg

Test Plot 2#: PTT_FM 12.5kHz_Face Up_417.512MHz**DUT: Two way radio; Type: AWR-D7500; Serial: 19032000720**

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

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 44.563$; $\rho = 1000$ 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) = 9.27 W/kg

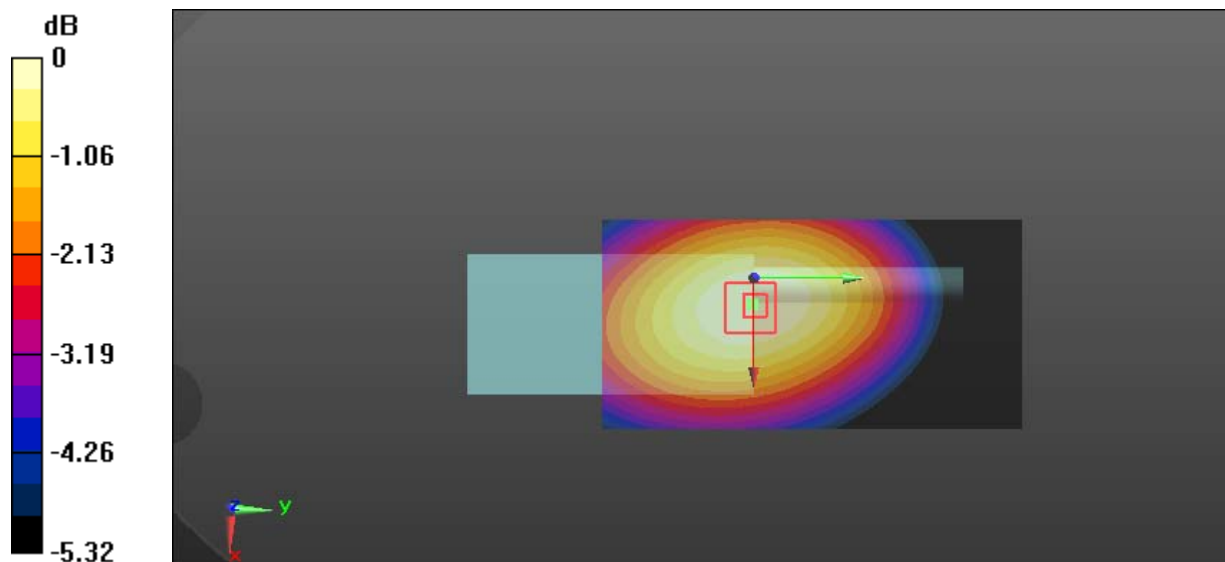
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.7 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 8.78 W/kg; SAR(10 g) = 7.05 W/kg

Maximum value of SAR (measured) = 9.12 W/kg



0 dB = 9.12 W/kg = 9.60 dBW/kg

Test Plot 3#: PTT_FM 12.5kHz_Face Up_435.0125MHz**DUT: Two way radio; Type: AWR-D7500; Serial: 19032000720**

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

Medium parameters used: $f = 435.012$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 44.421$; $\rho = 1000$ 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) = 9.60 W/kg

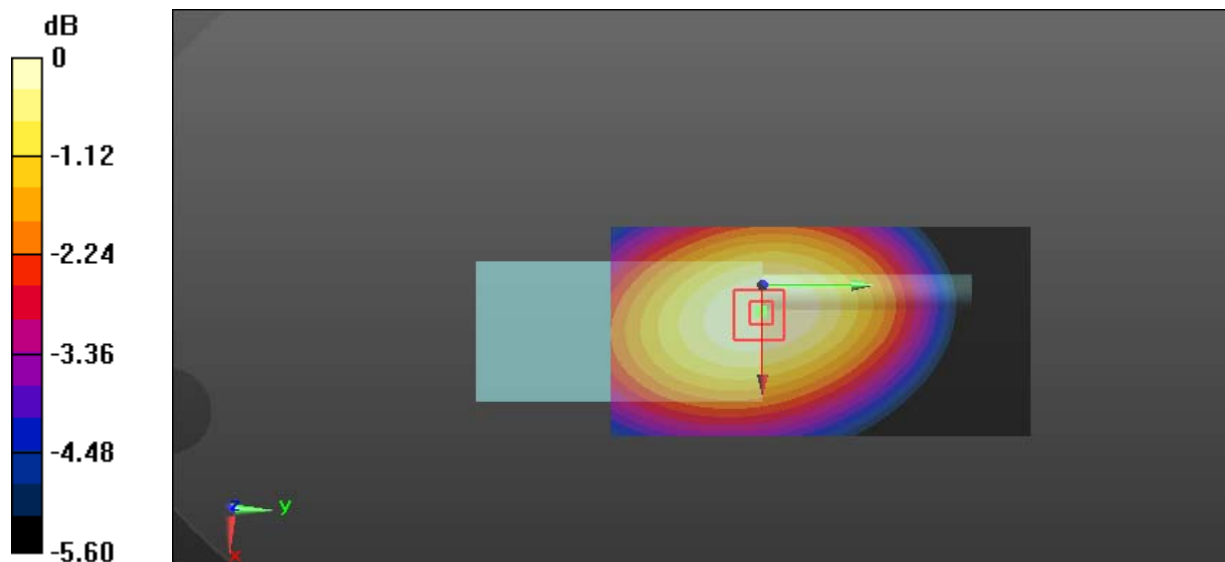
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 102.6 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 9.13 W/kg; SAR(10 g) = 7.28 W/kg

Maximum value of SAR (measured) = 9.49 W/kg



0 dB = 9.49 W/kg = 9.77 dBW/kg

Test Plot 4#: PTT_FM 12.5kHz_Face Up_452.4875MHz**DUT: Two way radio; Type: AWR-D7500; Serial: 19032000720**

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

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.881$ S/m; $\epsilon_r = 44.28$; $\rho = 1000$ 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) = 6.83 W/kg

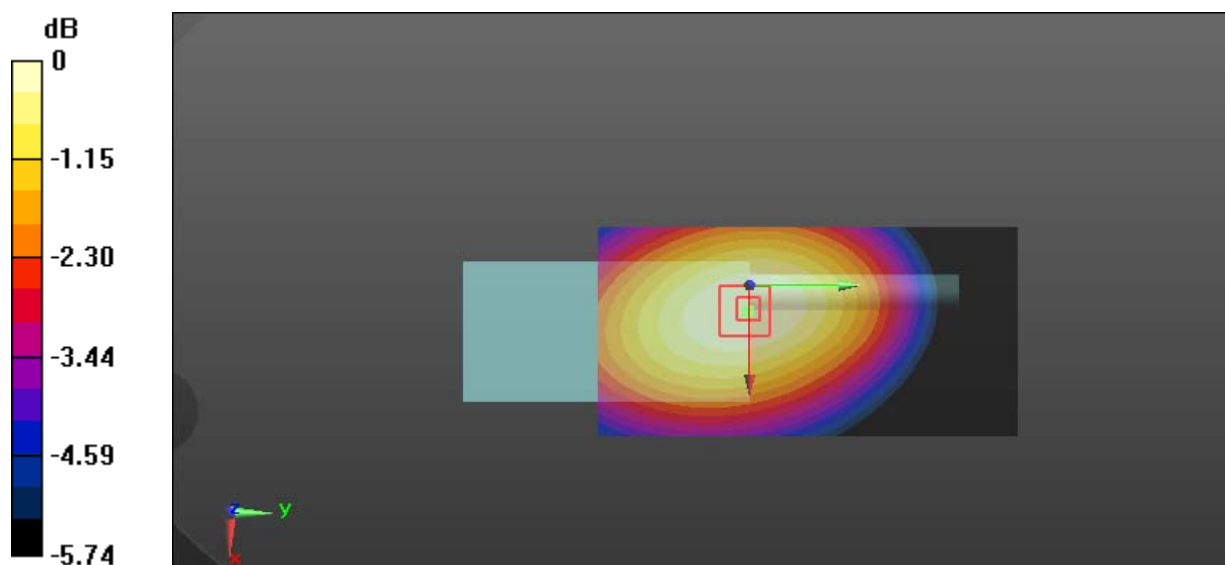
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.17 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 7.88 W/kg

SAR(1 g) = 6.43 W/kg; SAR(10 g) = 5.12 W/kg

Maximum value of SAR (measured) = 6.69 W/kg



0 dB = 6.69 W/kg = 8.25 dBW/kg

Test Plot 5#: PTT_FM 12.5kHz_Face Up_469.9875MHz**DUT: Two way radio; Type: AWR-D7500; Serial: 19032000720**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 44.138$; $\rho = 1000$ 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) = 4.61 W/kg

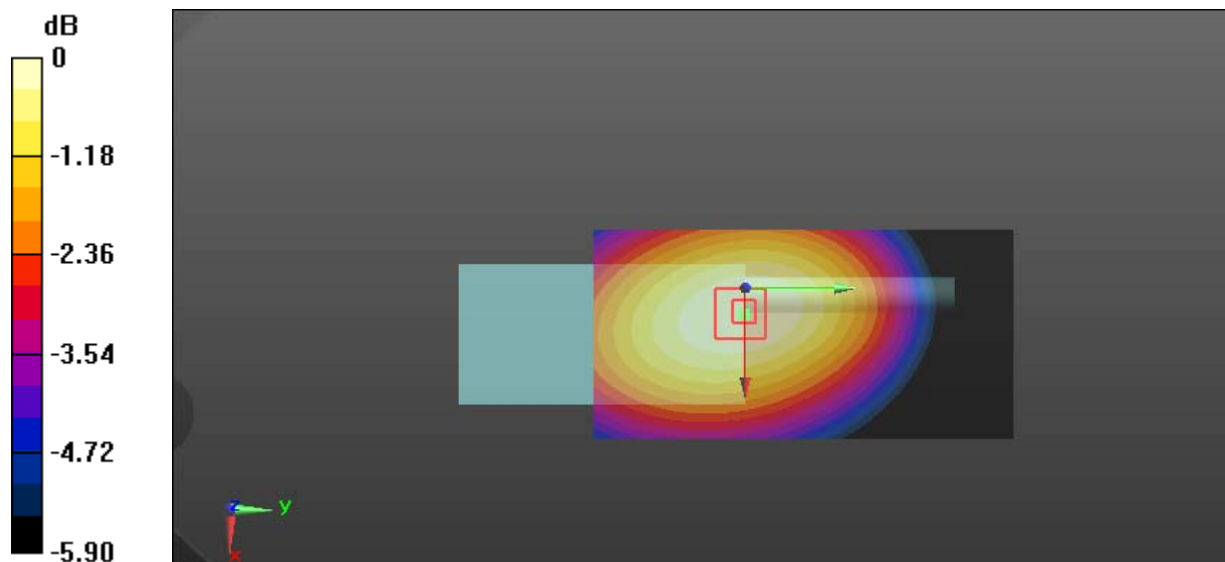
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 71.09 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 5.33 W/kg

SAR(1 g) = 4.36 W/kg; SAR(10 g) = 3.47 W/kg

Maximum value of SAR (measured) = 4.54 W/kg



0 dB = 4.54 W/kg = 6.57 dBW/kg

Test Plot 6#: PTT_4FSK 12.5kHz_Face Up_417.5125MHz**DUT: Two way radio; Type: AWR-D7500; Serial: 19032000720**

Communication System: 4FSK; Frequency: 417.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 44.563$; $\rho = 1000$ 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) = 4.50 W/kg

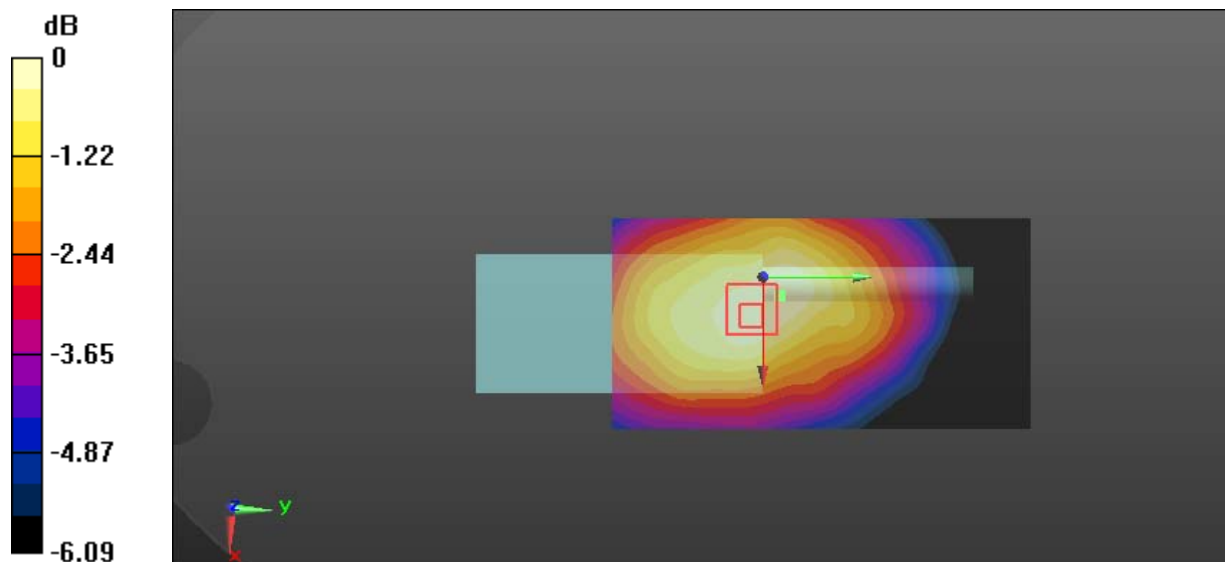
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 70.25 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 6.77 W/kg

SAR(1 g) = 4.35 W/kg; SAR(10 g) = 3.37 W/kg

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



0 dB = 4.47 W/kg = 6.50 dBW/kg

Test Plot 7#: PTT_FM 12.5kHz_Body Back_400.0125 MHz**DUT: Two way radio; Type: AWR-D7500; Serial: 19032000720**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 57.943$; $\rho = 1000$ 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) = 8.17 W/kg

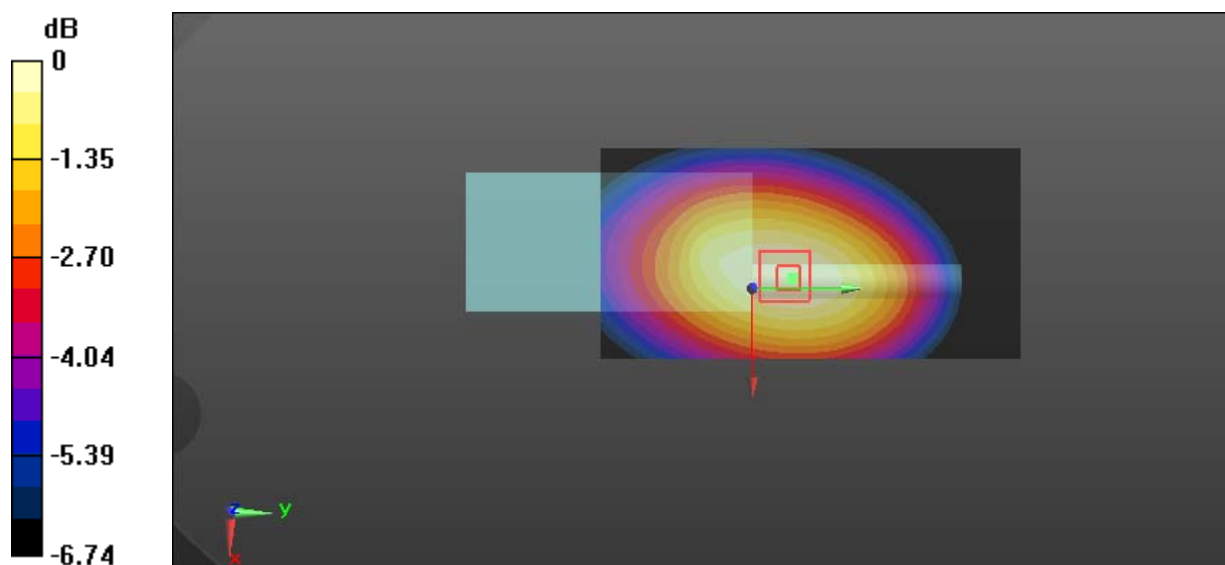
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.25 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 10.0 W/kg

SAR(1 g) = 7.71 W/kg; SAR(10 g) = 5.92 W/kg

Maximum value of SAR (measured) = 8.06 W/kg



0 dB = 8.06 W/kg = 9.06 dBW/kg

Test Plot 8#: PTT_FM 12.5kHz_Body Back_417.5125 MHz**DUT: Two way radio; Type: AWR-D7500; Serial: 19032000720**

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

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 57.847$; $\rho = 1000$ 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) = 11.1 W/kg

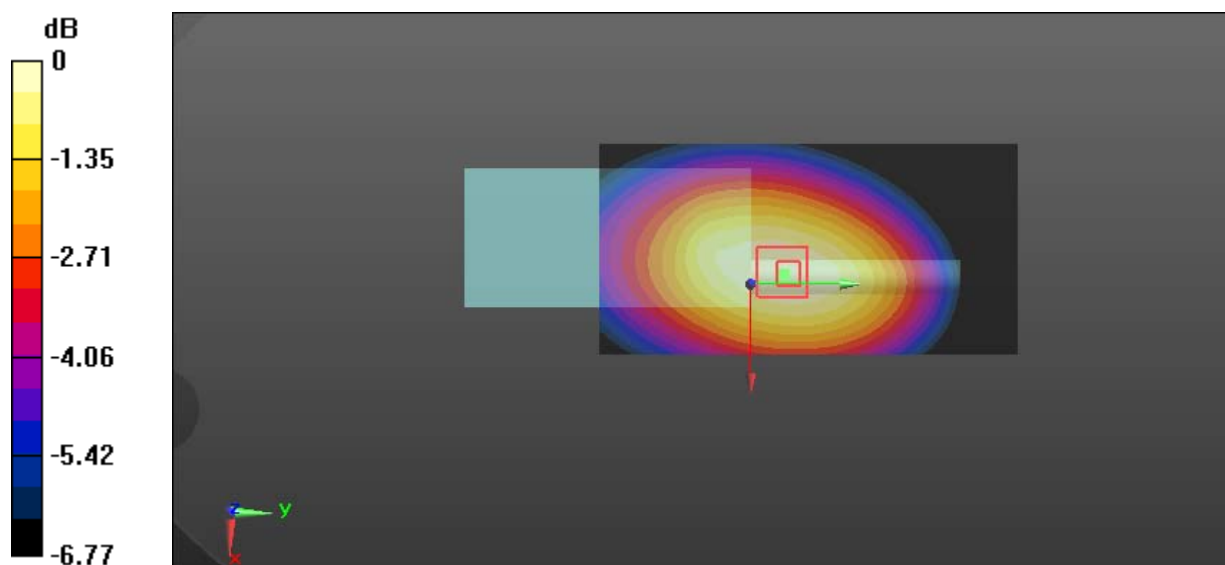
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.7 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 13.7 W/kg

SAR(1 g) = 10.5 W/kg; SAR(10 g) = 8.02 W/kg

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



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

Test Plot 9#: PTT_FM 12.5kHz_Body Back_435.0125 MHz**DUT: Two way radio; Type: AWR-D7500; Serial: 19032000720**

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

Medium parameters used: $f = 435.012$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 57.752$; $\rho = 1000$ 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) = 10.1 W/kg

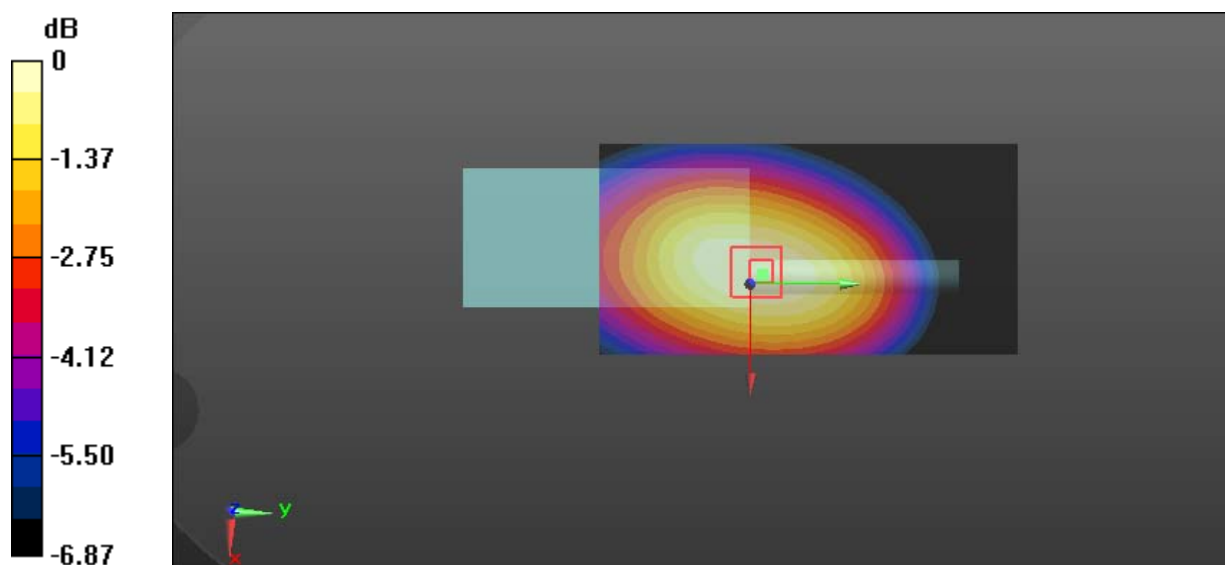
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 102.7 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 9.57 W/kg; SAR(10 g) = 7.31 W/kg

Maximum value of SAR (measured) = 10.0 W/kg



0 dB = 10.0 W/kg = 10.00 dBW/kg

Test Plot 10#: PTT_FM 12.5kHz_Body Back_452.4875 MHz**DUT: Two way radio; Type: AWR-D7500; Serial: 19032000720**

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

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 57.657$; $\rho = 1000$ 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) = 6.22 W/kg

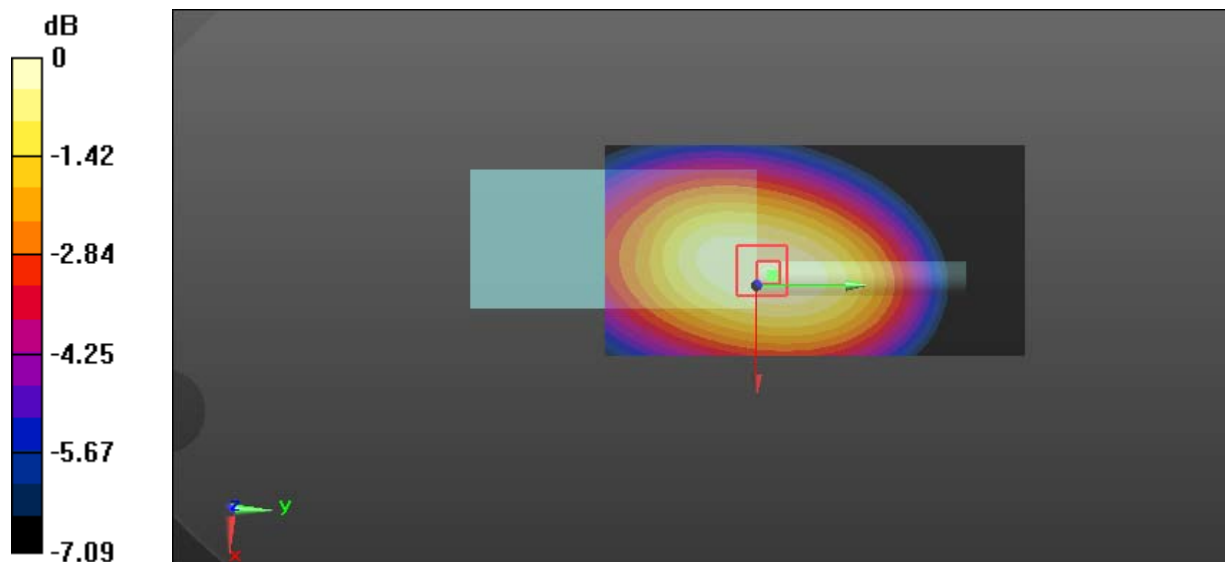
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.76 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 7.67 W/kg

SAR(1 g) = 5.86 W/kg; SAR(10 g) = 4.46 W/kg

Maximum value of SAR (measured) = 6.14 W/kg



0 dB = 6.14 W/kg = 7.88 dBW/kg

Test Plot 11#: PTT_FM 12.5kHz_Body Back_469.9875 MHz**DUT: Two way radio; Type: AWR-D7500; Serial: 19032000720**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.937$ S/m; $\epsilon_r = 57.561$; $\rho = 1000$ 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) = 4.46 W/kg

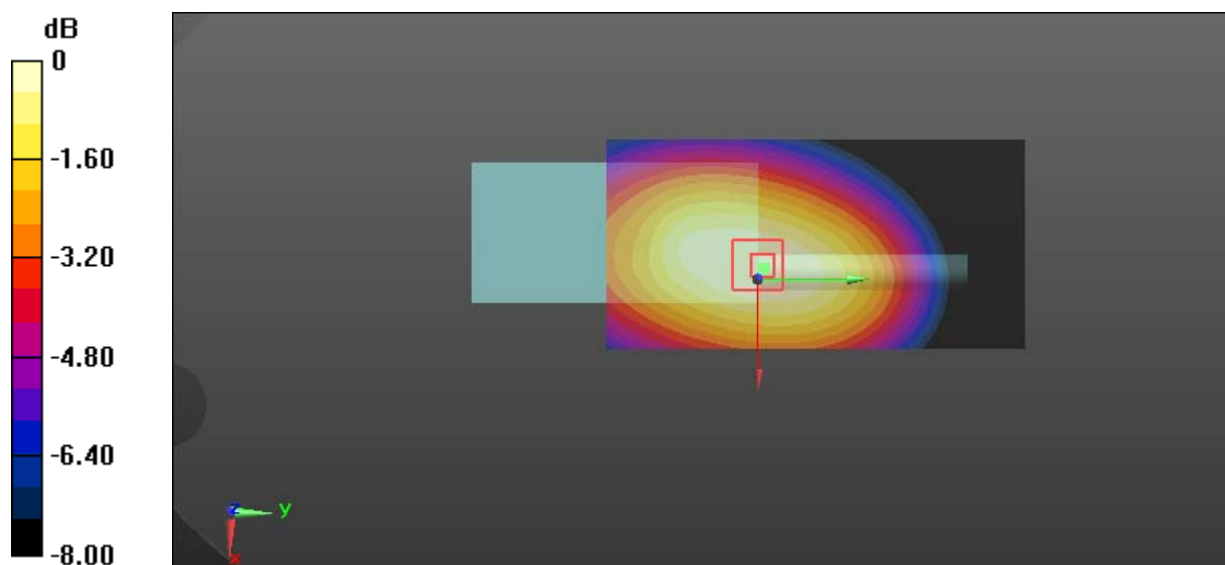
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 68.63 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 5.51 W/kg

SAR(1 g) = 4.19 W/kg; SAR(10 g) = 3.18 W/kg

Maximum value of SAR (measured) = 4.38 W/kg



0 dB = 4.38 W/kg = 6.41 dBW/kg

Test Plot 12#: PTT_4FSK 12.5kHz_Body Back_417.5125MHz**DUT: Two way radio; Type: AWR-D7500; Serial: 19032000720**

Communication System: 4FSK; Frequency: 417.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 57.847$; $\rho = 1000$ 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) = 5.20 W/kg

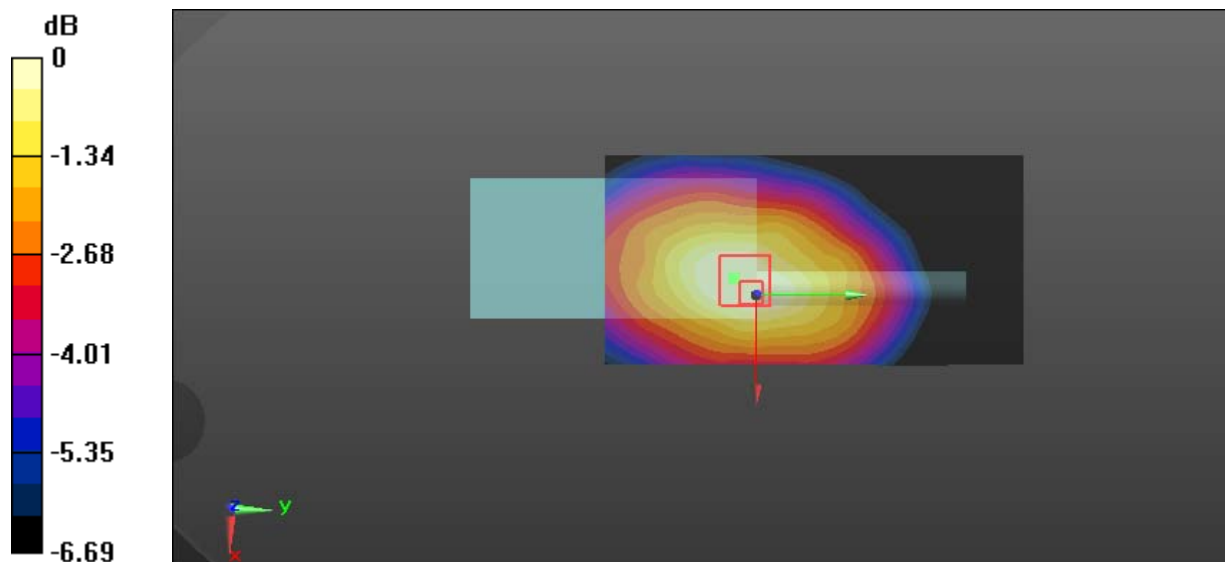
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 70.39 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.25 W/kg

SAR(1 g) = 4.71 W/kg; SAR(10 g) = 3.62 W/kg

Maximum value of SAR (measured) = 5.10 W/kg



0 dB = 5.10 W/kg = 7.08 dBW/kg