

Test Plot 1#: PTT_FM 12.5kHz_Face Up_400.0125MHz**DUT: Two way radio; Type: A720T; Serial: 19060600820**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.847$ S/m; $\epsilon_r = 44.151$; $\rho = 1000$ 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) = 4.87 W/kg

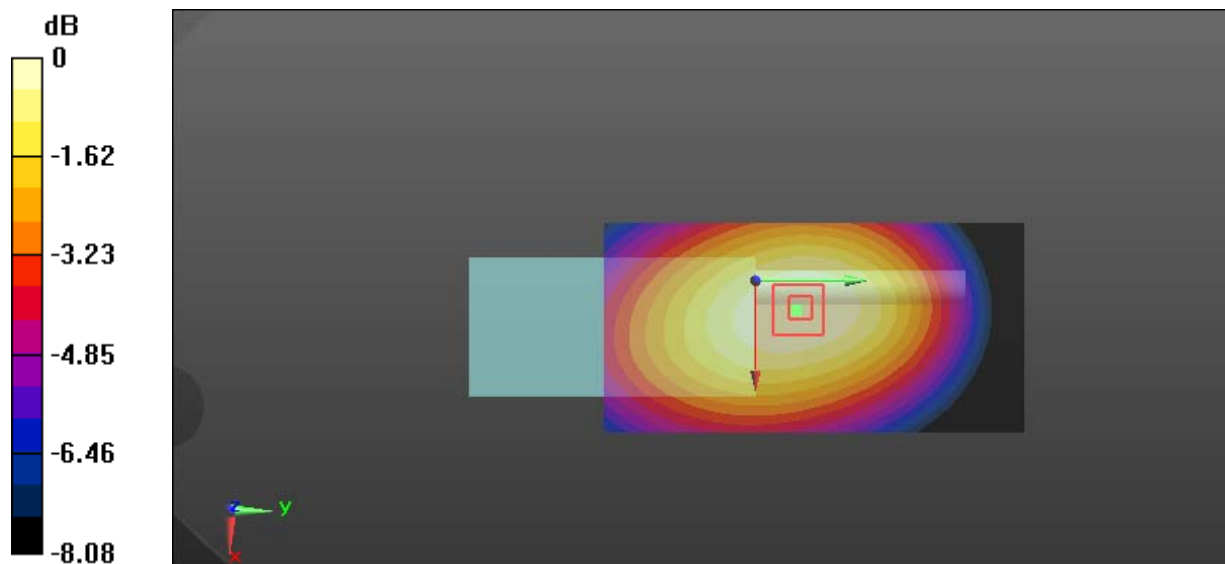
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 71.46 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 6.07 W/kg

SAR(1 g) = 4.52 W/kg; SAR(10 g) = 3.33 W/kg

Maximum value of SAR (measured) = 4.75 W/kg



0 dB = 4.75 W/kg = 6.77 dBW/kg

Test Plot 2#: PTT_FM 12.5kHz_Face Up_417.5125MHz**DUT: Two way radio; Type: A720T; Serial: 19060600820**

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

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 44.518$; $\rho = 1000$ 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) = 4.78 W/kg

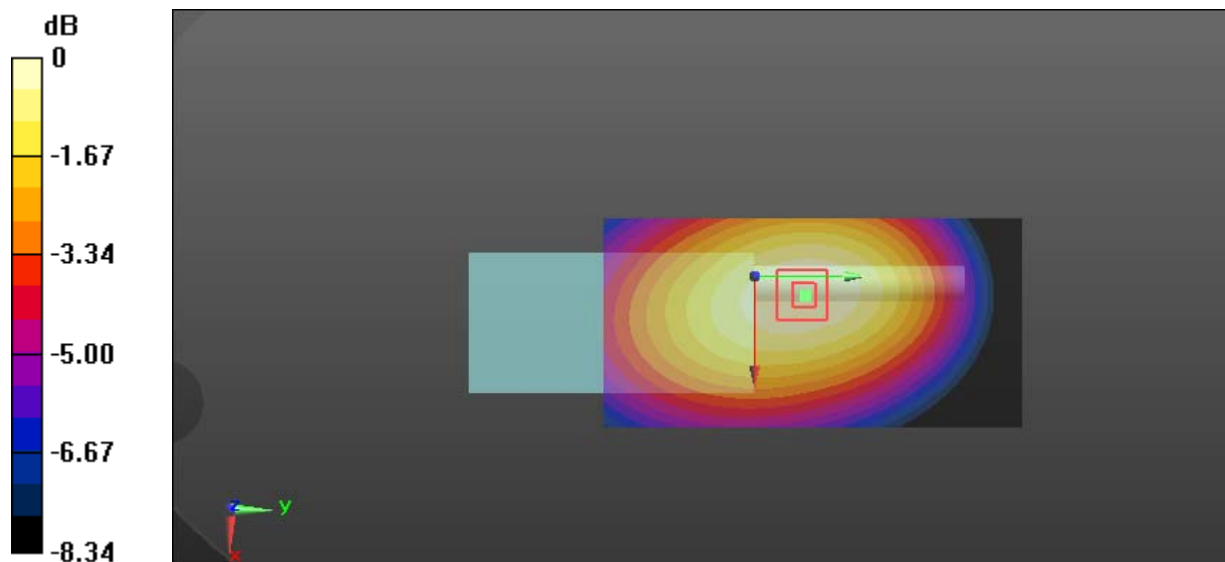
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 70.98 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 6.10 W/kg

SAR(1 g) = 4.52 W/kg; SAR(10 g) = 3.31 W/kg

Maximum value of SAR (measured) = 4.75 W/kg



0 dB = 4.75 W/kg = 6.77 dBW/kg

Test Plot 3#: PTT_FM 12.5kHz_Face Up_435.012MHz**DUT: Two way radio; Type: A720T; Serial: 19060600820**

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

Medium parameters used: $f = 435.012$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 44.188$; $\rho = 1000$ 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) = 8.72 W/kg

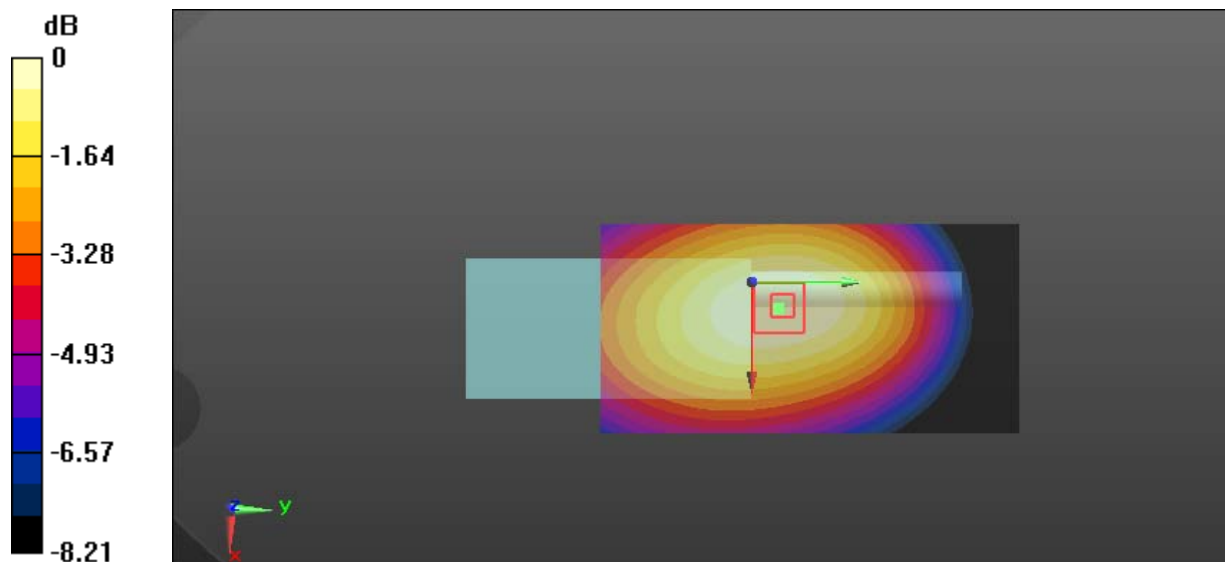
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.20 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 8.12 W/kg; SAR(10 g) = 5.96 W/kg

Maximum value of SAR (measured) = 8.55 W/kg



0 dB = 8.55 W/kg = 9.32 dBW/kg

Test Plot 4#: PTT_FM 12.5kHz_Face Up_452.4875MHz**DUT: Two way radio; Type: A720T; Serial: 19060600820**

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

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 43.479$; $\rho = 1000$ 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) = 5.87 W/kg

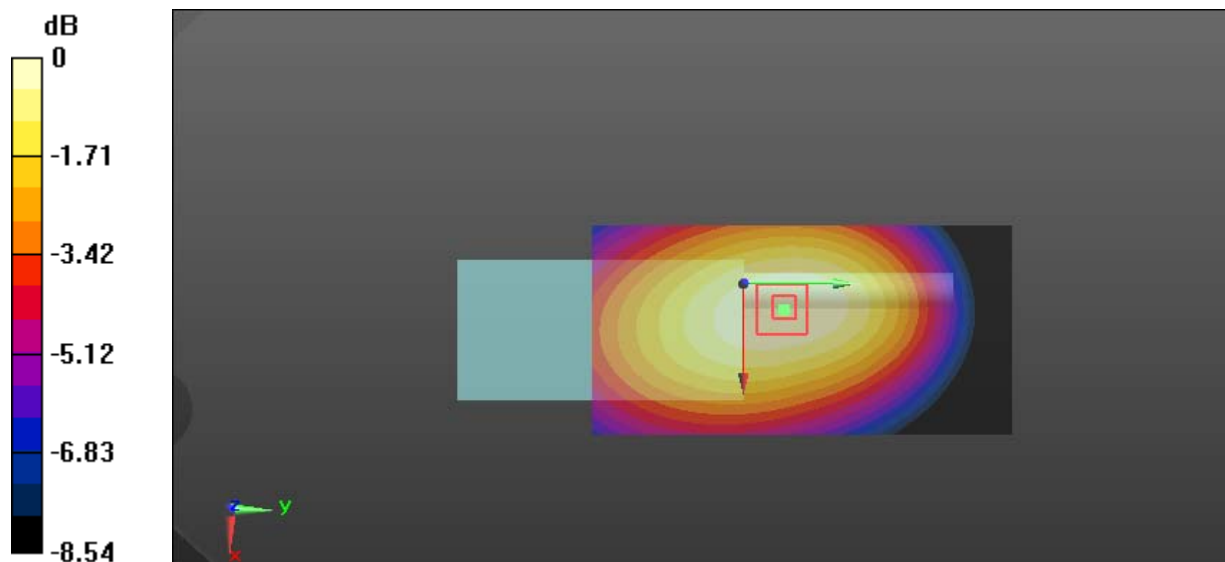
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 77.98 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 7.39 W/kg

SAR(1 g) = 5.47 W/kg; SAR(10 g) = 3.98 W/kg

Maximum value of SAR (measured) = 5.75 W/kg



0 dB = 5.75 W/kg = 7.60 dBW/kg

Test Plot 5#: PTT_FM 12.5kHz_Face Up_469.9875MHz**DUT: Two way radio; Type: A720T; Serial: 19060600820**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 44.085$; $\rho = 1000$ 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) = 3.12 W/kg

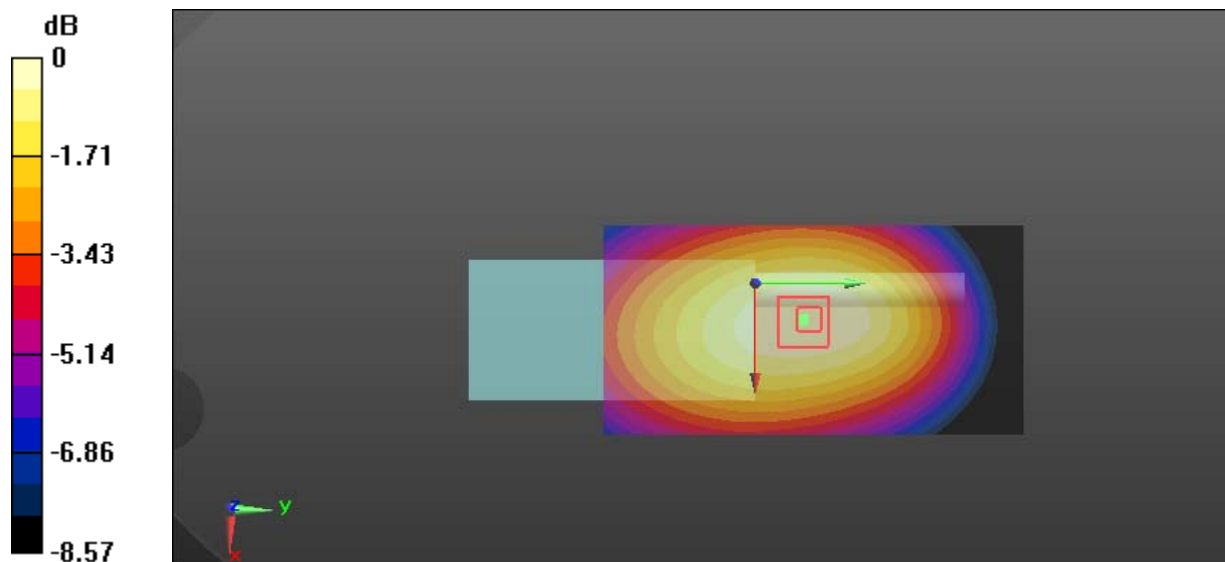
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 53.58 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.04 W/kg

SAR(1 g) = 2.96 W/kg; SAR(10 g) = 2.15 W/kg

Maximum value of SAR (measured) = 3.11 W/kg



0 dB = 3.11 W/kg = 4.93 dBW/kg

Test Plot 6#: PTT_4FSK 12.5kHz_Face Up_435.0125MHz**DUT: Two way radio; Type: A720T; Serial: 19060600820**

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

Medium parameters used: $f = 435.012$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 44.188$; $\rho = 1000$ 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) = 4.22 W/kg

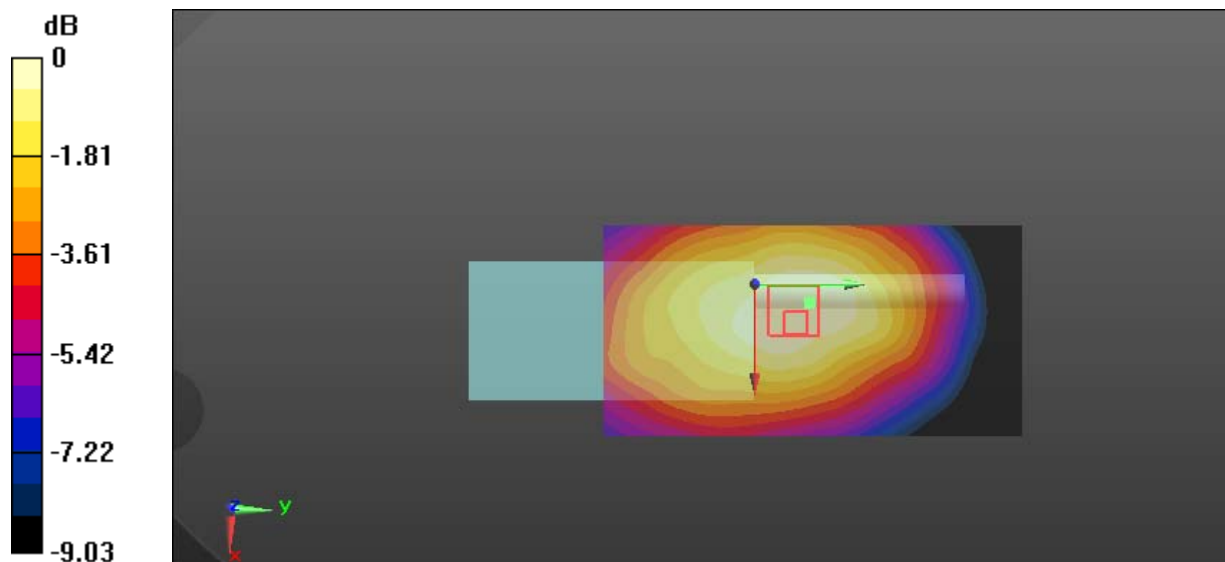
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.76 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 5.82 W/kg

SAR(1 g) = 3.77 W/kg; SAR(10 g) = 2.76 W/kg

Maximum value of SAR (measured) = 4.02 W/kg



0 dB = 4.02 W/kg = 6.04 dBW/kg

Test Plot 7#: PTT_FM 12.5kHz_Body Back_400.0125 MHz**DUT: Two way radio; Type: A720T; Serial: 19060600820**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 57.581$; $\rho = 1000$ 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) = 8.43 W/kg

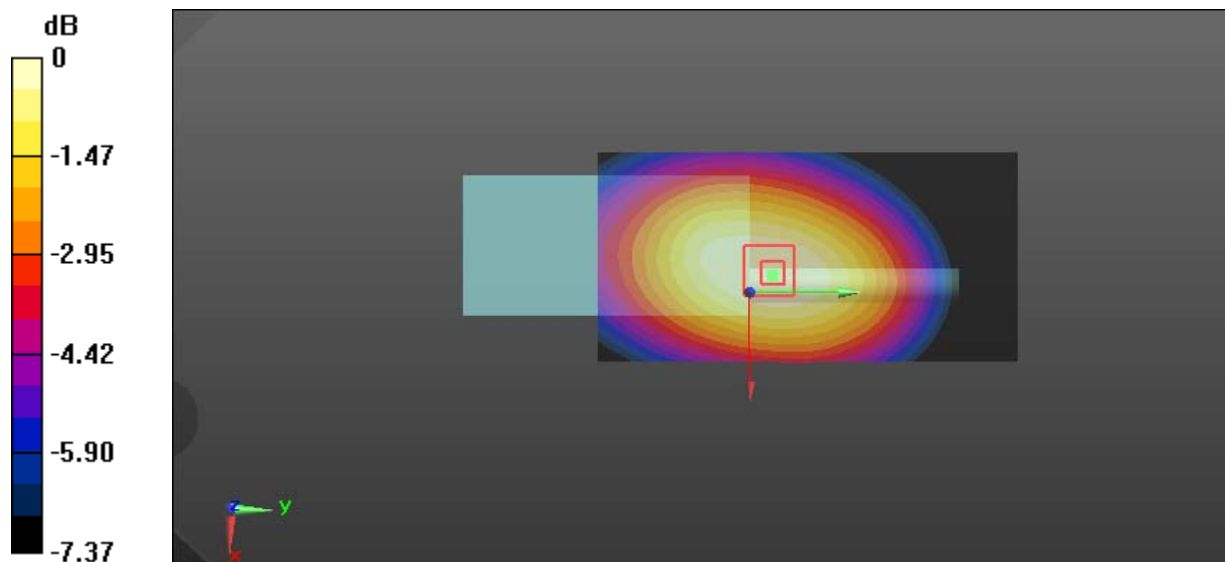
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.47 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 7.85 W/kg; SAR(10 g) = 5.9 W/kg

Maximum value of SAR (measured) = 8.23 W/kg



0 dB = 8.23 W/kg = 9.15 dBW/kg

Test Plot 8#: PTT_FM 12.5kHz_Body Back_417.5125 MHz**DUT: Two way radio; Type: A720T; Serial: 19060600820**

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

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 56.803$; $\rho = 1000$ 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) = 8.20 W/kg

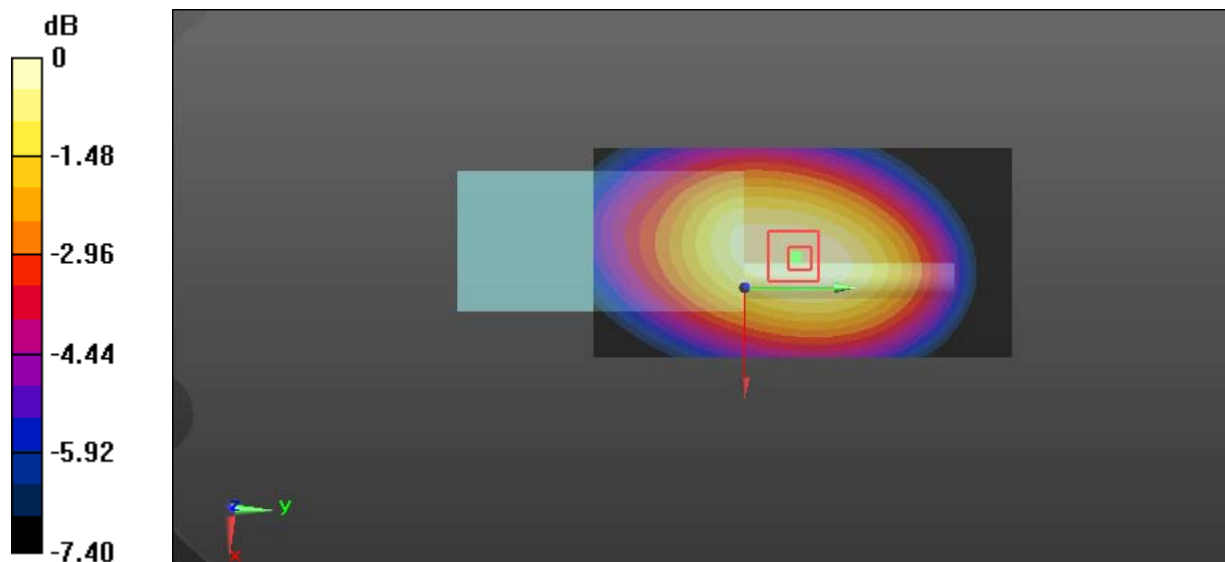
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.94 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 7.74 W/kg; SAR(10 g) = 5.81 W/kg

Maximum value of SAR (measured) = 8.12 W/kg



0 dB = 8.12 W/kg = 9.10 dBW/kg

Test Plot 9#: PTT_FM 12.5kHz_Body Back_435.0125 MHz**DUT: Two way radio; Type: A720T; Serial: 19060600820**

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

Medium parameters used: $f = 435.012$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 56.781$; $\rho = 1000$ 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) = 11.0 W/kg

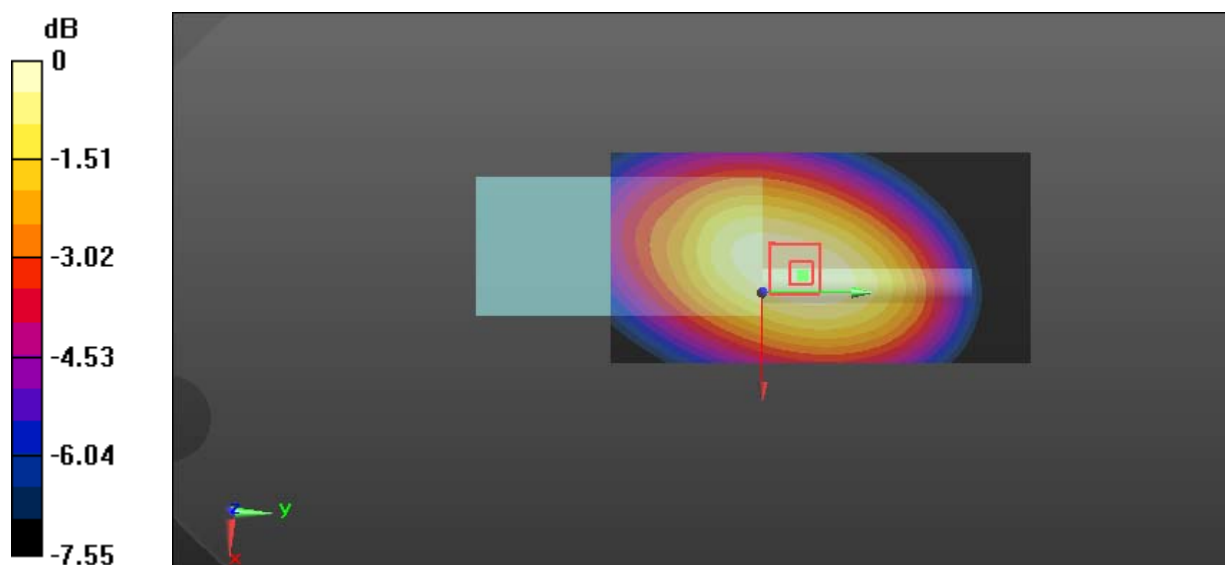
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 101.9 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 13.9 W/kg

SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.86 W/kg

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



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

Test Plot 10#: PTT_FM 12.5kHz_Body Back_452.4875 MHz**DUT: Two way radio; Type: A720T; Serial: 19060600820**

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

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.954$ S/m; $\epsilon_r = 57.499$; $\rho = 1000$ 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) = 8.27 W/kg

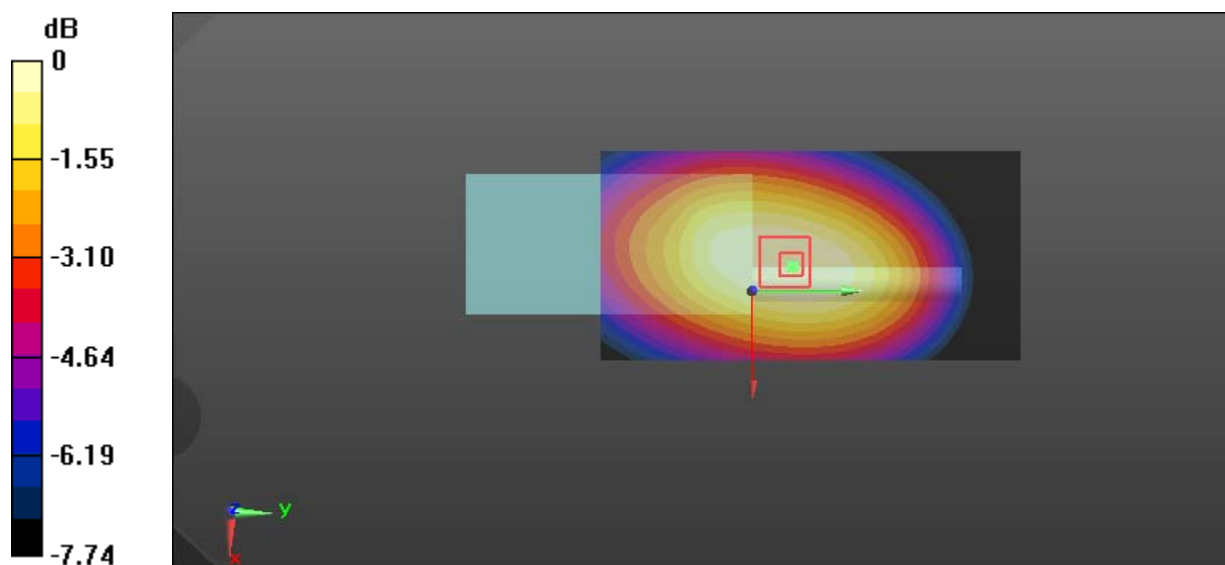
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.14 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 7.61 W/kg; SAR(10 g) = 5.69 W/kg

Maximum value of SAR (measured) = 7.99 W/kg



0 dB = 7.99 W/kg = 9.03 dBW/kg

Test Plot 11#: PTT_FM 12.5kHz_Body Back_469.9875 MHz**DUT: Two way radio; Type: A720T; Serial: 19060600820**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 56.995$; $\rho = 1000$ 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) = 4.28 W/kg

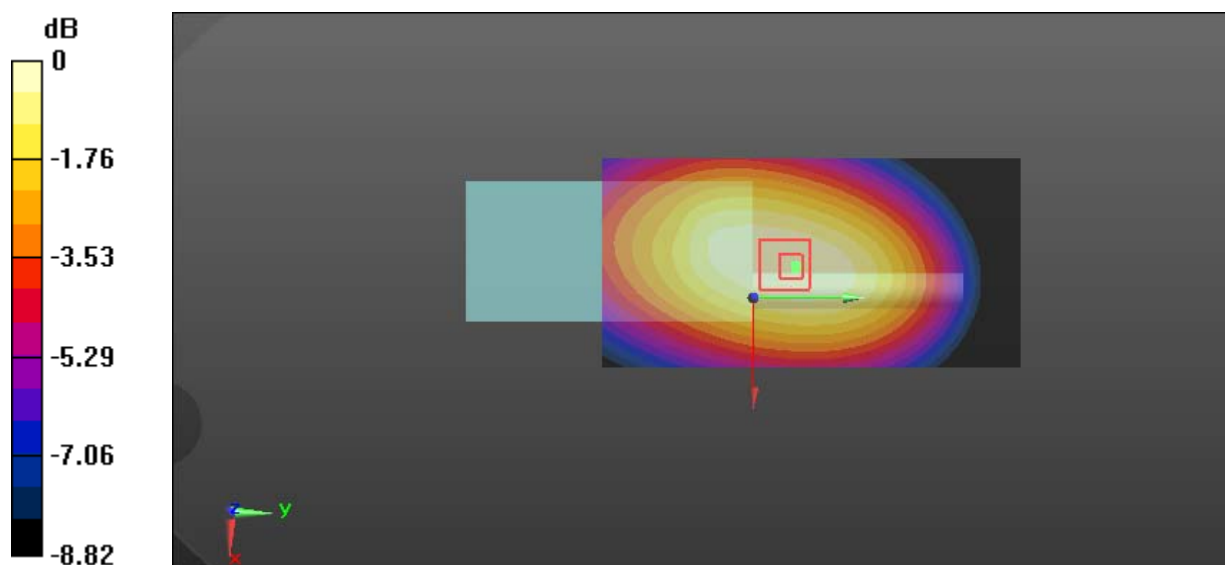
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.88 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.41 W/kg

SAR(1 g) = 4.04 W/kg; SAR(10 g) = 3.01 W/kg

Maximum value of SAR (measured) = 4.24 W/kg



0 dB = 4.24 W/kg = 6.27 dBW/kg

Test Plot 12#: PTT_4FSK 12.5kHz_Body Back_435.0125MHz**DUT: Two way radio; Type: A720T; Serial: 19060600820**

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

Medium parameters used: $f = 435.012$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 56.781$; $\rho = 1000$ 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) = 5.30 W/kg

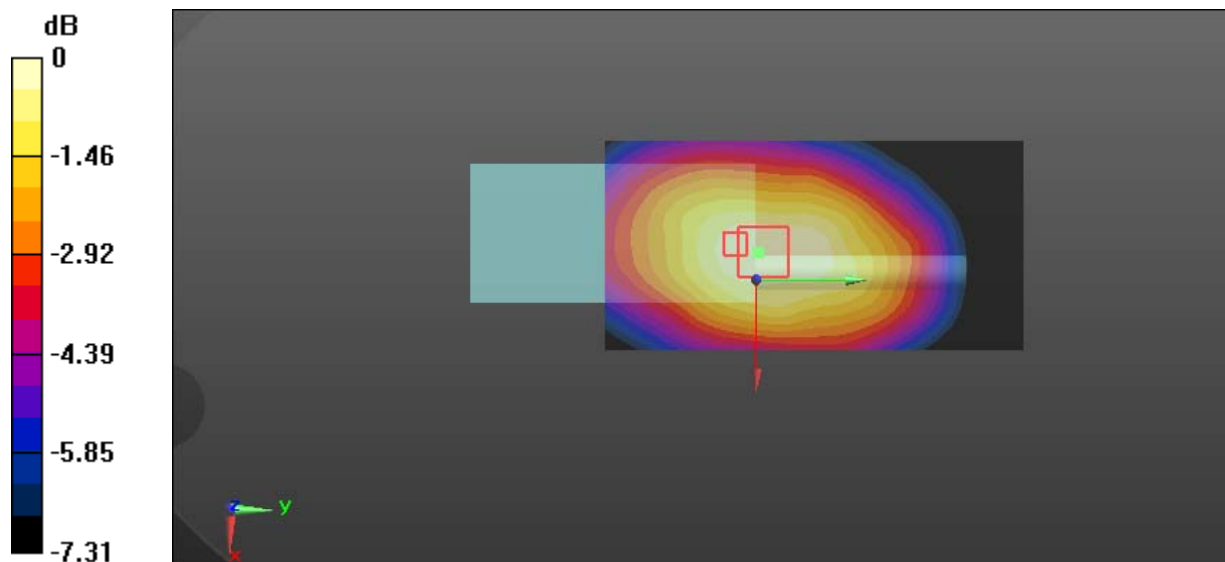
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 73.23 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 7.62 W/kg

SAR(1 g) = 4.91 W/kg; SAR(10 g) = 3.69 W/kg

Maximum value of SAR (measured) = 5.15 W/kg



0 dB = 5.15 W/kg = 7.12 dBW/kg