

Test Plot 1#: PTT_FM 12.5kHz_Face Up_400.0125 MHz**DUT: Two way radio; Type: DR5000-2; Serial: 19011100120**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.839$ S/m; $\epsilon_r = 45.431$; $\rho = 1000$ 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 (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.47 W/kg

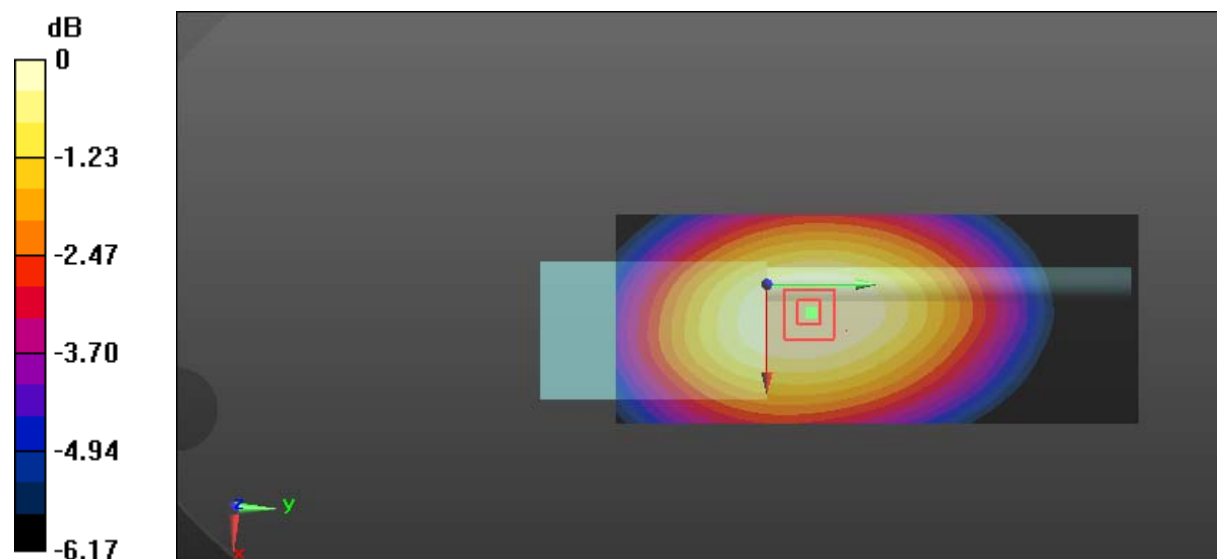
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.36 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 7.39 W/kg

SAR(1 g) = 5.95 W/kg; SAR(10 g) = 4.69 W/kg

Maximum value of SAR (measured) = 6.20 W/kg



0 dB = 6.20 W/kg = 7.92 dBW/kg

Test Plot 2#: PTT_4FSK 12.5kHz_Face Up_400.0125 MHz**DUT: Two way radio; Type: DR5000-2; Serial: 19011100120**

Communication System: 4FSK; Frequency: 400.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.839$ S/m; $\epsilon_r = 45.431$; $\rho = 1000$ 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 (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.04 W/kg

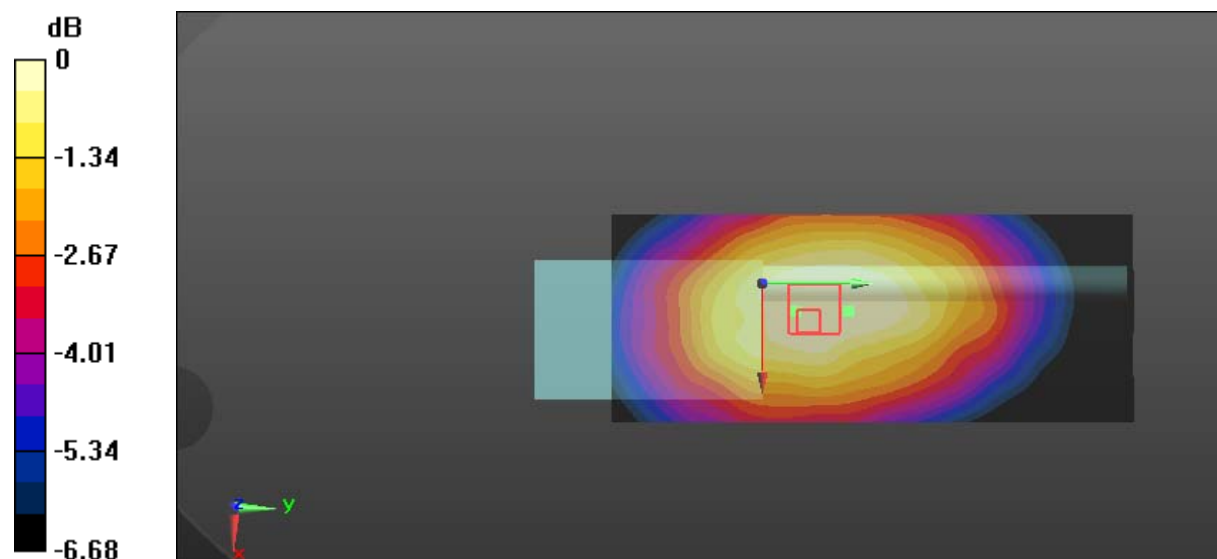
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.33 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 5.07 W/kg

SAR(1 g) = 3.7 W/kg; SAR(10 g) = 2.92 W/kg

Maximum value of SAR (measured) = 3.91 W/kg



0 dB = 3.91 W/kg = 5.92 dBW/kg

Test Plot 3#: PTT_FM 12.5kHz_Body Back_400.0125 MHz**DUT: Two way radio; Type: DR5000-2; Serial: 19011100120**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 58.058$; $\rho = 1000$ 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 (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.1 W/kg

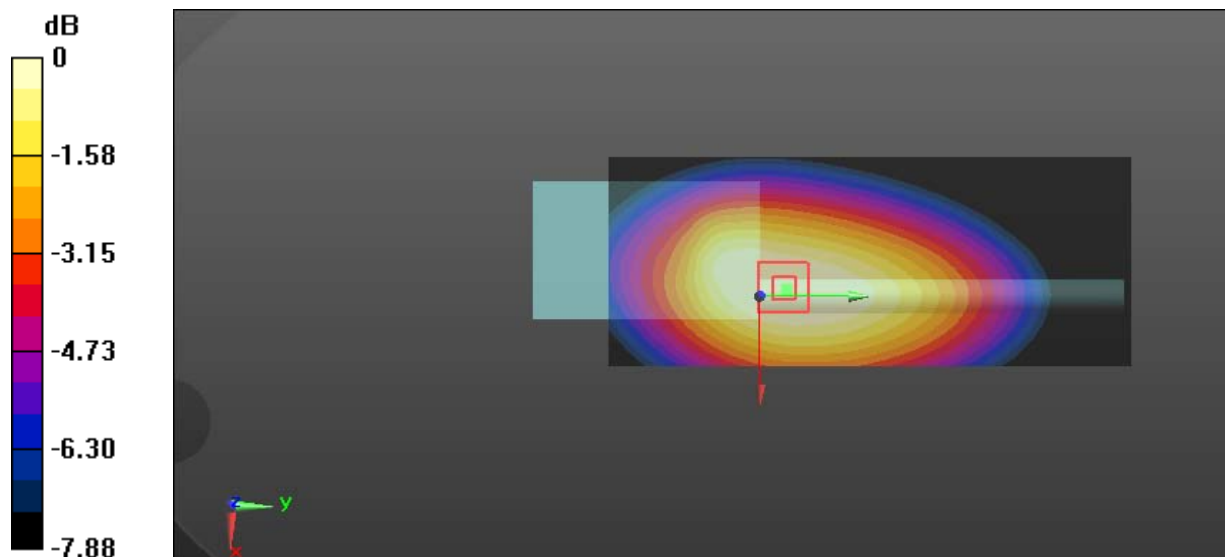
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 118.5 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 11.7 W/kg; SAR(10 g) = 8.86 W/kg

Maximum value of SAR (measured) = 12.3 W/kg



0 dB = 12.3 W/kg = 10.90 dBW/kg

Test Plot 4#: PTT_FM 12.5kHz_Body Back_416.5125 MHz**DUT: Two way radio; Type: DR5000-2; Serial: 19011100120**

Communication System: FM; Frequency: 416.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.512$ MHz; $\sigma = 0.937$ S/m; $\epsilon_r = 58.228$; $\rho = 1000$ 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 (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.1 W/kg

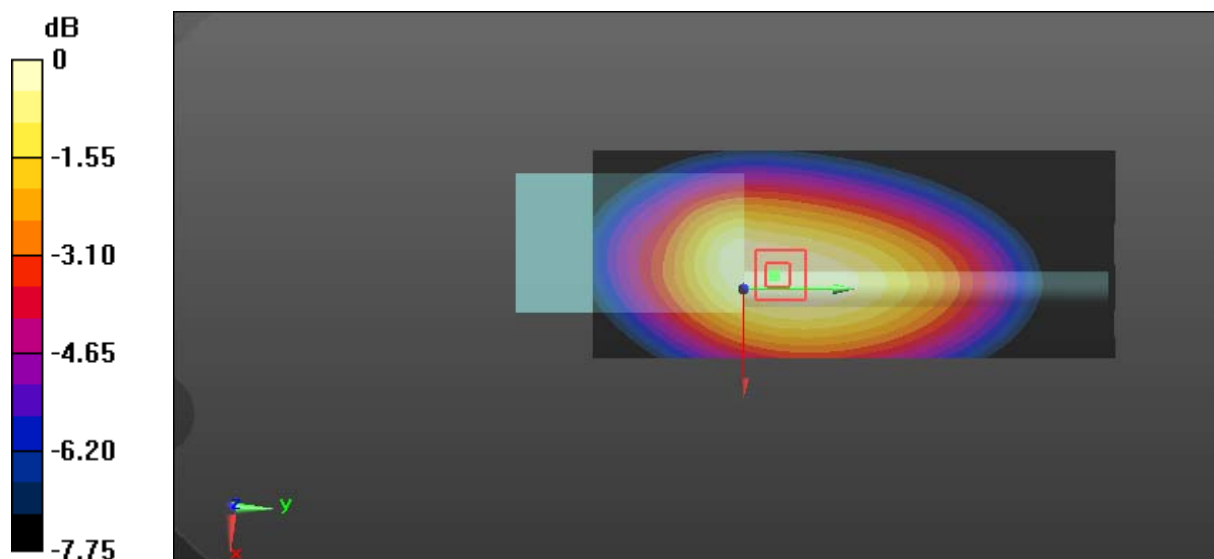
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 99.39 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 12.4 W/kg

SAR(1 g) = 9.42 W/kg; SAR(10 g) = 7.05 W/kg

Maximum value of SAR (measured) = 9.89 W/kg



0 dB = 9.89 W/kg = 9.95 dBW/kg

Test Plot 5#: PTT_FM 12.5kHz_Body Back_432.0125 MHz**DUT: Two way radio; Type: DR5000-2; Serial: 19011100120**

Communication System: FM; Frequency: 432.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 58.083$; $\rho = 1000$ 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 (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.88 W/kg

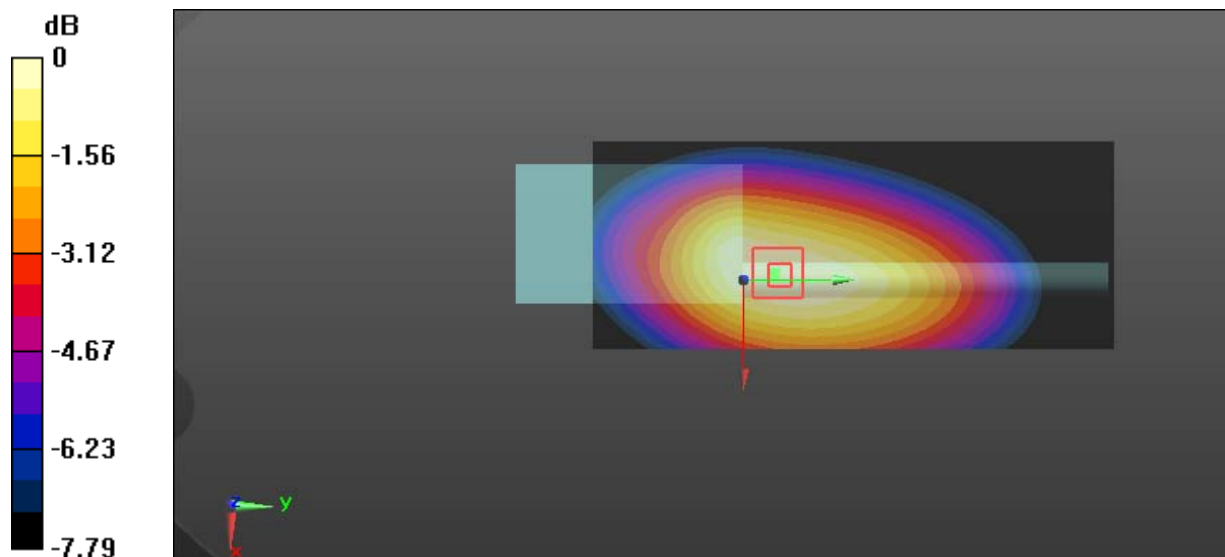
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.80 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 8.35 W/kg; SAR(10 g) = 6.24 W/kg

Maximum value of SAR (measured) = 8.77 W/kg



0 dB = 8.77 W/kg = 9.43 dBW/kg

Test Plot 6#: PTT_FM 12.5kHz_Body Back_447.9875 MHz**DUT: Two way radio; Type: DR5000-2; Serial: 19011100120**

Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 57.913$; $\rho = 1000$ 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 (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.67 W/kg

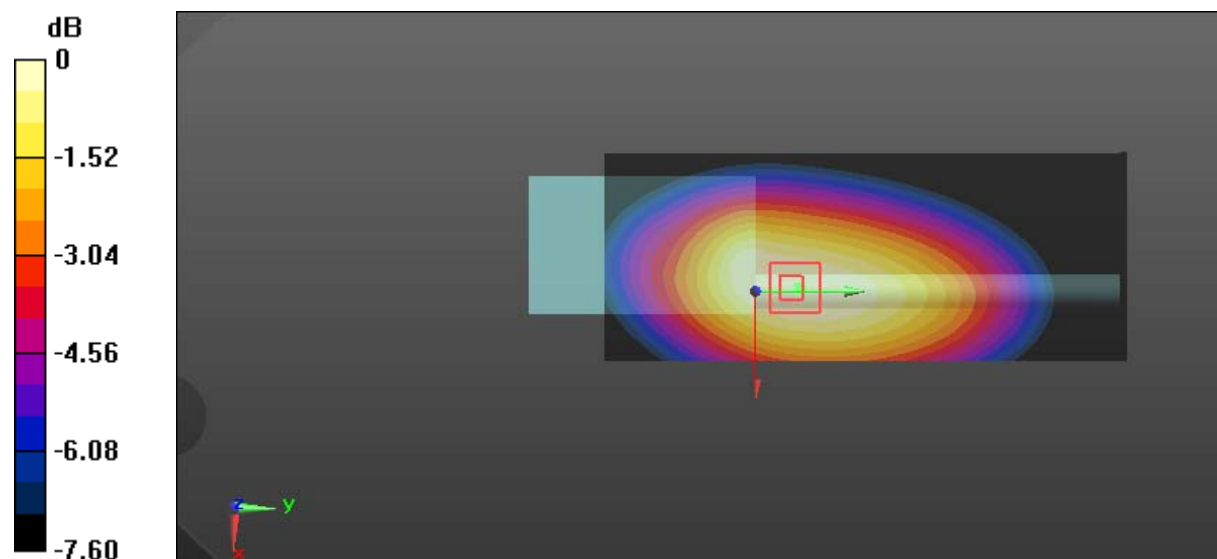
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 99.04 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 11.8 W/kg

SAR(1 g) = 8.93 W/kg; SAR(10 g) = 6.69 W/kg

Maximum value of SAR (measured) = 9.37 W/kg



0 dB = 9.37 W/kg = 9.72 dBW/kg

Test Plot 7#: PTT_FM 12.5kHz_Body Back_463.9875 MHz**DUT: Two way radio; Type: DR5000-2; Serial: 19011100120**

Communication System: FM; Frequency: 463.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 463.988$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 58.382$; $\rho = 1000$ 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 (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.7 W/kg

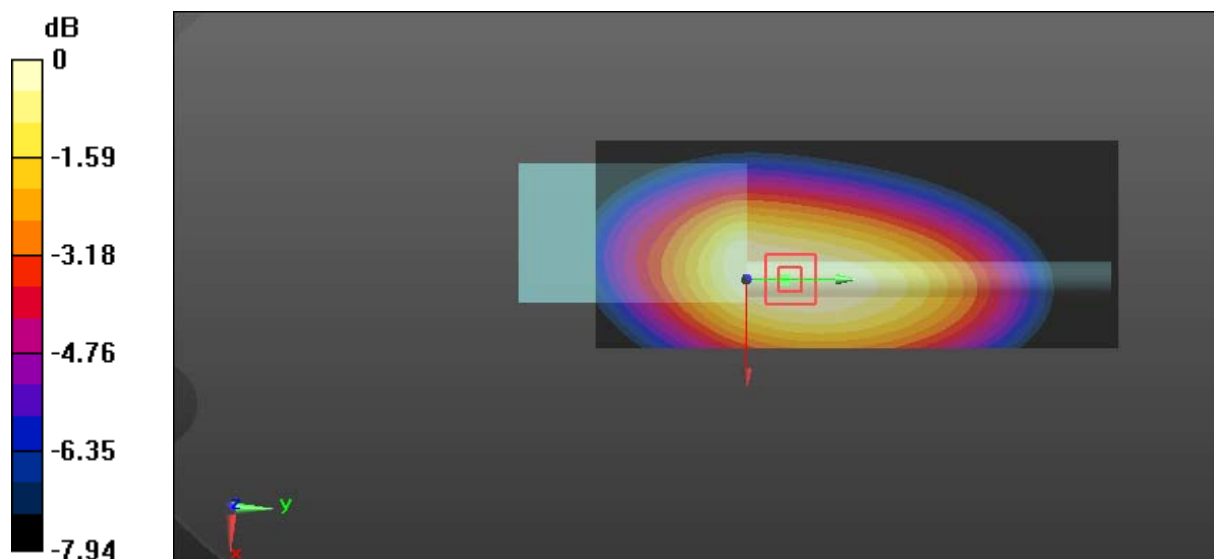
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.2 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 14.4 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 7.99 W/kg

Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

Test Plot 8#: PTT_FM 12.5kHz_Body Back_479.9875 MHz**DUT: Two way radio; Type: DR5000-2; Serial: 19011100120**

Communication System: FM; Frequency: 479.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 479.988$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 58.132$; $\rho = 1000$ 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 (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.01 W/kg

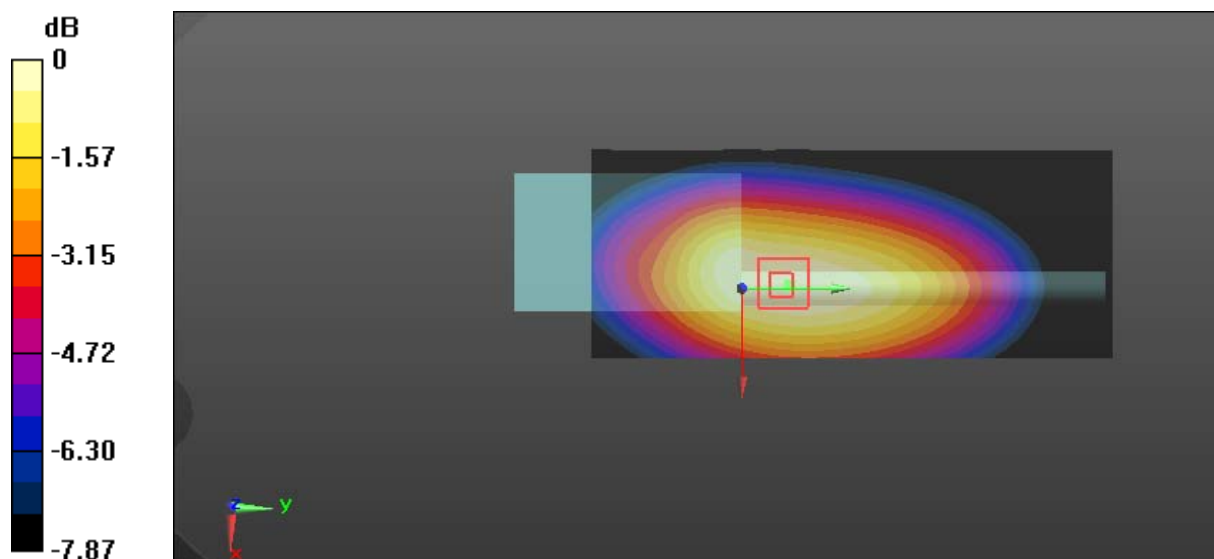
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.51 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 8.39 W/kg; SAR(10 g) = 6.21 W/kg

Maximum value of SAR (measured) = 8.81 W/kg



0 dB = 8.81 W/kg = 9.45 dBW/kg

Test Plot 9#: PTT_4FSK 12.5kHz_Body Back_400.0125 MHz**DUT: Two way radio; Type: DR5000-2; Serial: 19011100120**

Communication System: 4FSK; Frequency: 400.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 58.058$; $\rho = 1000$ 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 (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.17 W/kg

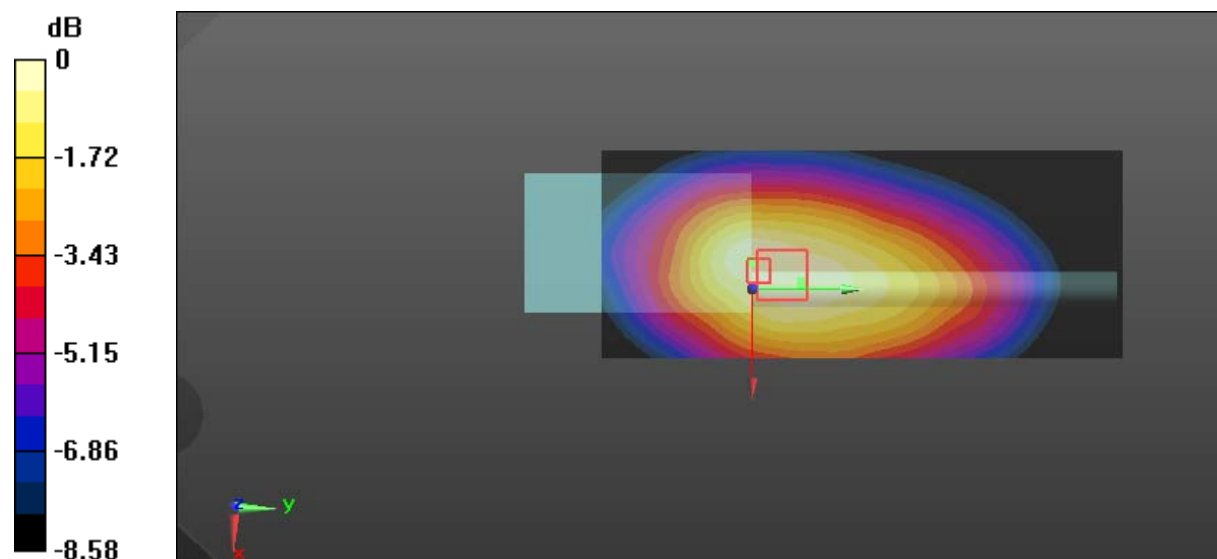
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.01 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 6.74 W/kg; SAR(10 g) = 5.04 W/kg

Maximum value of SAR (measured) = 7.11 W/kg



0 dB = 7.11 W/kg = 8.52 dBW/kg