

Test Plot 1#:FM 12.5 kHz_Face Up_PT-D5_400.0125 MHz**DUT: DMR two way radio; Type: PT-D5; Serial: 17092205221**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.842$ S/m; $\epsilon_r = 43.108$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.45, 9.45, 9.45); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.35 W/kg

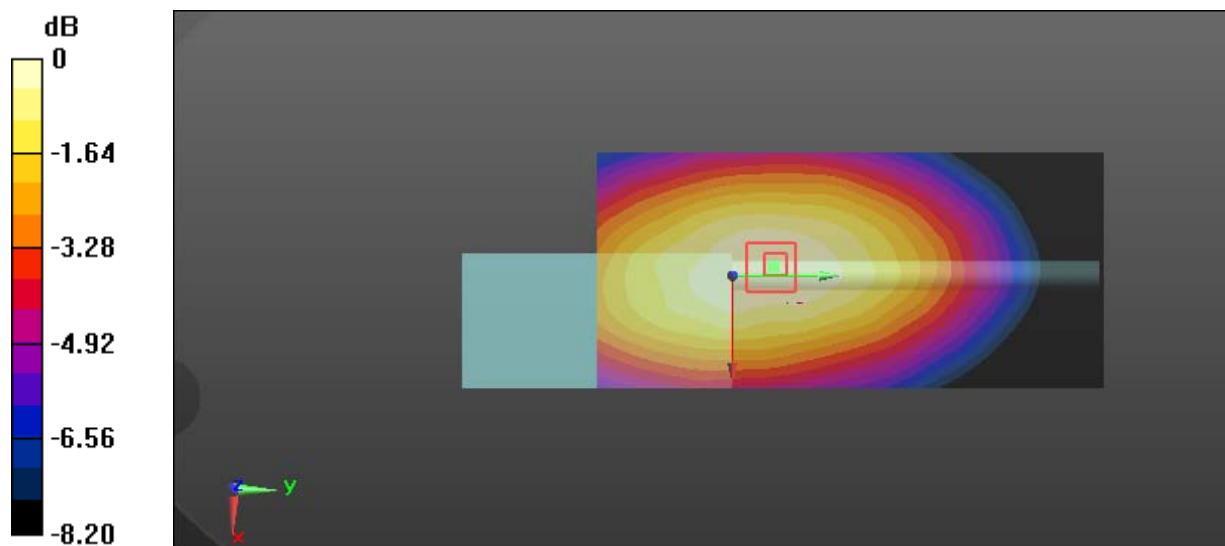
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.57 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 8.76 W/kg

SAR(1 g) = 5.52 W/kg; SAR(10 g) = 4.07 W/kg

Maximum value of SAR (measured) = 7.31 W/kg



0 dB = 7.31 W/kg = 8.64 dBW/kg

Test Plot 2#:FM 12.5 kHz_Body Back_PT-D5_400.0125 MHz**DUT: DMR two way radio; Type: PT-D5; Serial: 17092205221**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 55.421$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.9 W/kg

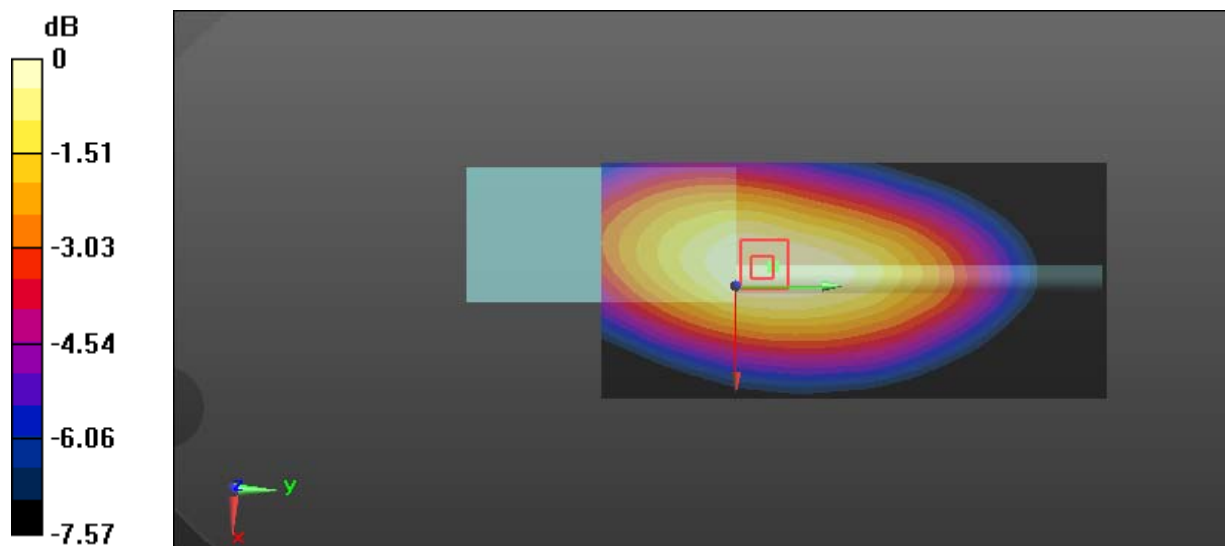
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 109.0 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 15.4 W/kg

SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.68 W/kg

Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg = 11.30 dBW/kg

Test Plot 3#:FM 12.5 kHz_Body Back_PT-D5_414 MHz**DUT: DMR two way radio; Type: PT-D5; Serial: 17092205221**

Communication System: FM; Frequency: 414 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 414$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 55.395$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.1 W/kg

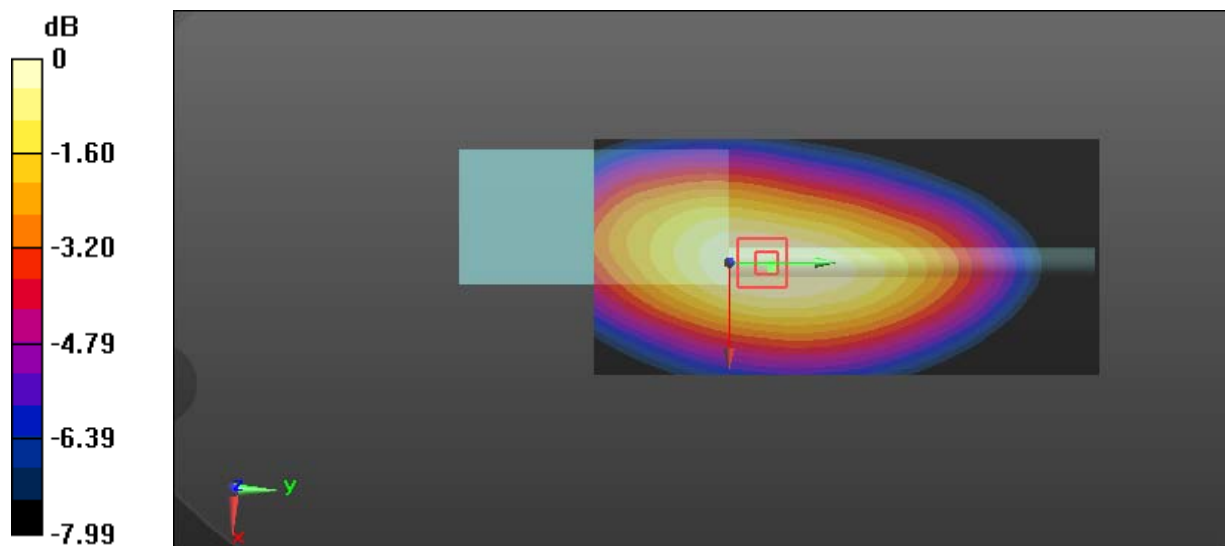
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 112.8 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 15.6 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 7.66 W/kg

Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.37 dBW/kg

Test Plot 4#:FM 12.5 kHz_Body Back_PT-D5_428 MHz**DUT: DMR two way radio; Type: PT-D5; Serial: 17092205221**

Communication System: FM; Frequency: 428 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 428$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 55.242$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.6 W/kg

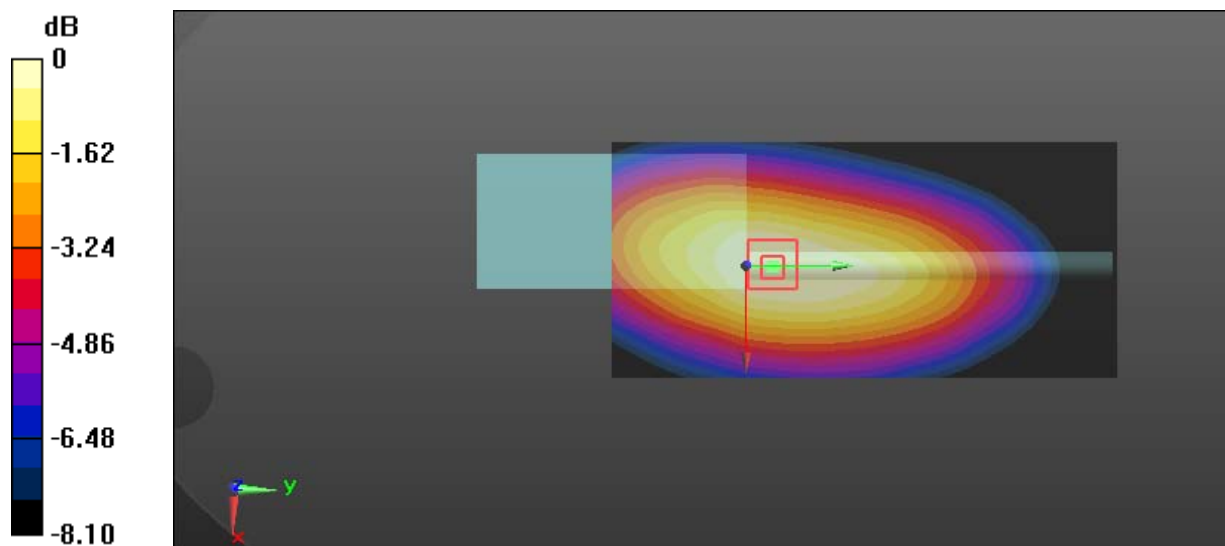
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.7 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 13.7 W/kg

SAR(1 g) = 9.21 W/kg; SAR(10 g) = 6.73 W/kg

Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg = 10.76 dBW/kg

Test Plot 5#:FM 12.5 kHz_Body Back_PT-D5_442 MHz**DUT: DMR two way radio; Type: PT-D5; Serial: 17092205221**

Communication System: FM; Frequency: 442 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 442$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 55.201$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.53 W/kg

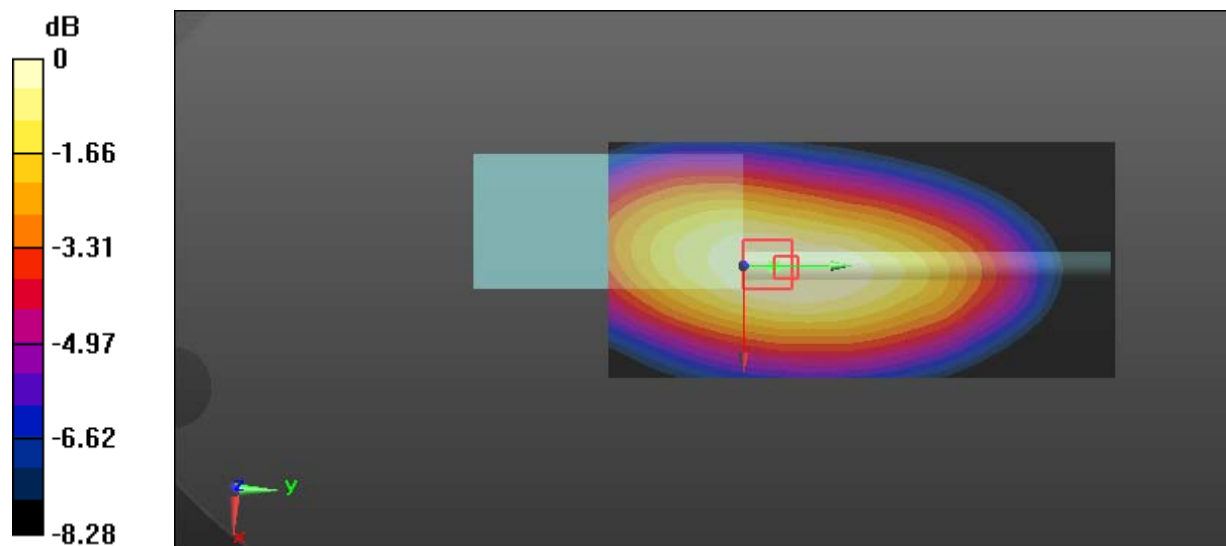
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.09 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 6.94 W/kg; SAR(10 g) = 5.06 W/kg

Maximum value of SAR (measured) = 9.17 W/kg



0 dB = 9.17 W/kg = 9.62 dBW/kg

Test Plot 6#:FM 12.5 kHz_Body Back_PT-D5_456 MHz**DUT: DMR two way radio; Type: PT-D5; Serial: 17092205221**

Communication System: FM; Frequency: 456 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 456$ MHz; $\sigma = 0.959$ S/m; $\epsilon_r = 55.179$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.08 W/kg

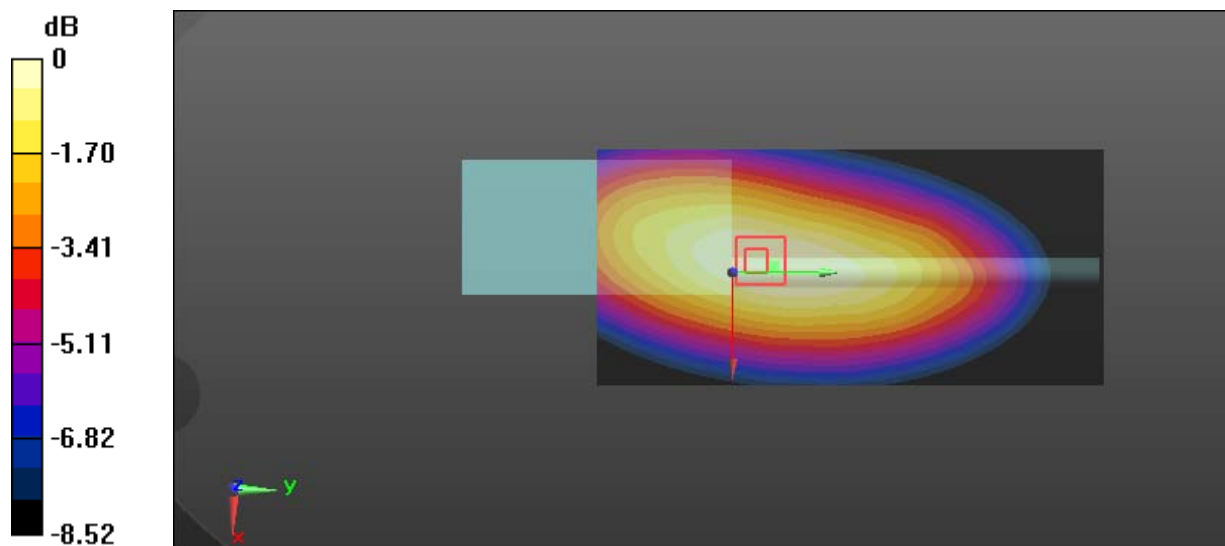
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.04 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 9.01 W/kg

SAR(1 g) = 6.08 W/kg; SAR(10 g) = 4.43 W/kg

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



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

Test Plot 7#:FM 12.5 kHz_Body Back_PT-D5_469.9875 MHz**DUT: DMR two way radio; Type: PT-D5; Serial: 17092205221**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 55.049$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.94 W/kg

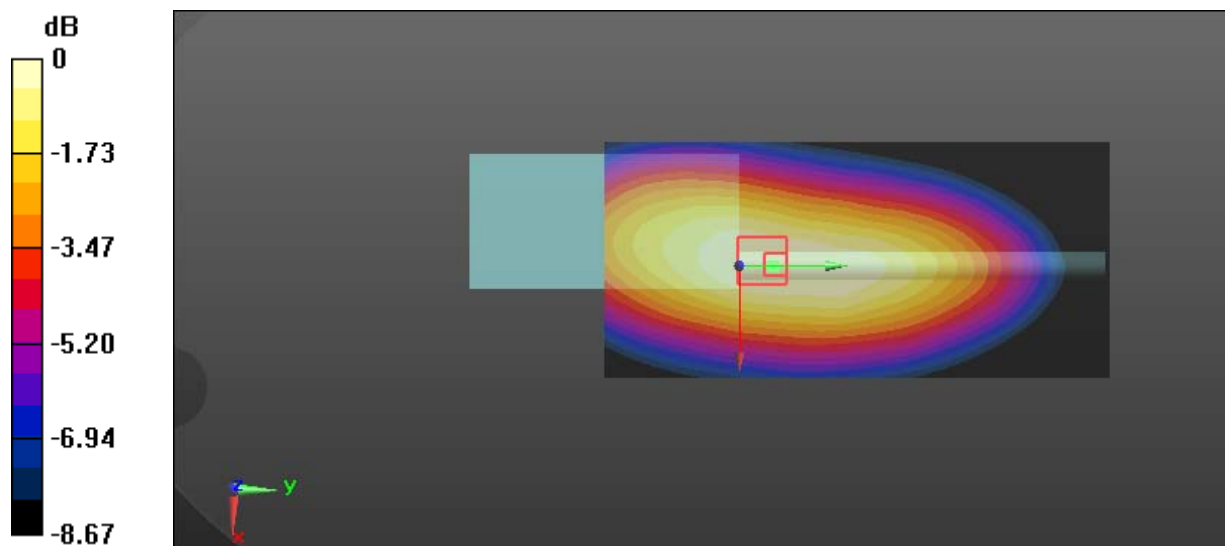
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 75.08 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 6.58 W/kg

SAR(1 g) = 4.45 W/kg; SAR(10 g) = 3.25 W/kg

Maximum value of SAR (measured) = 5.76 W/kg



0 dB = 5.76 W/kg = 7.60 dBW/kg

Test Plot 8#:4FSK 12.5 kHz_Face Up_PT-D5_400.0125 MHz**DUT: DMR two way radio; Type: PT-D5; Serial: 17092205221**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.842$ S/m; $\epsilon_r = 43.108$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.45, 9.45, 9.45); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.90 W/kg

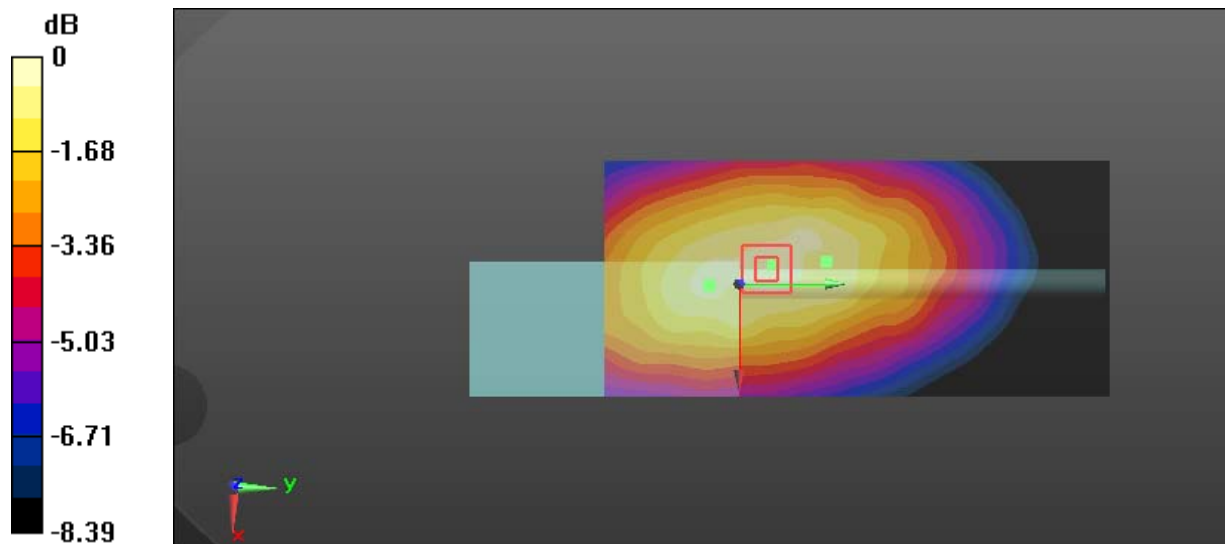
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.67 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.95 W/kg

SAR(1 g) = 3.01 W/kg; SAR(10 g) = 2.2 W/kg

Maximum value of SAR (measured) = 4.08 W/kg



0 dB = 4.08 W/kg = 6.11 dBW/kg

Test Plot 9#:4FSK 12.5 kHz_Body Back_PT-D5_400.0125 MHz**DUT: DMR two way radio; Type: PT-D5; Serial: 17092205221**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 55.421$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.07 W/kg

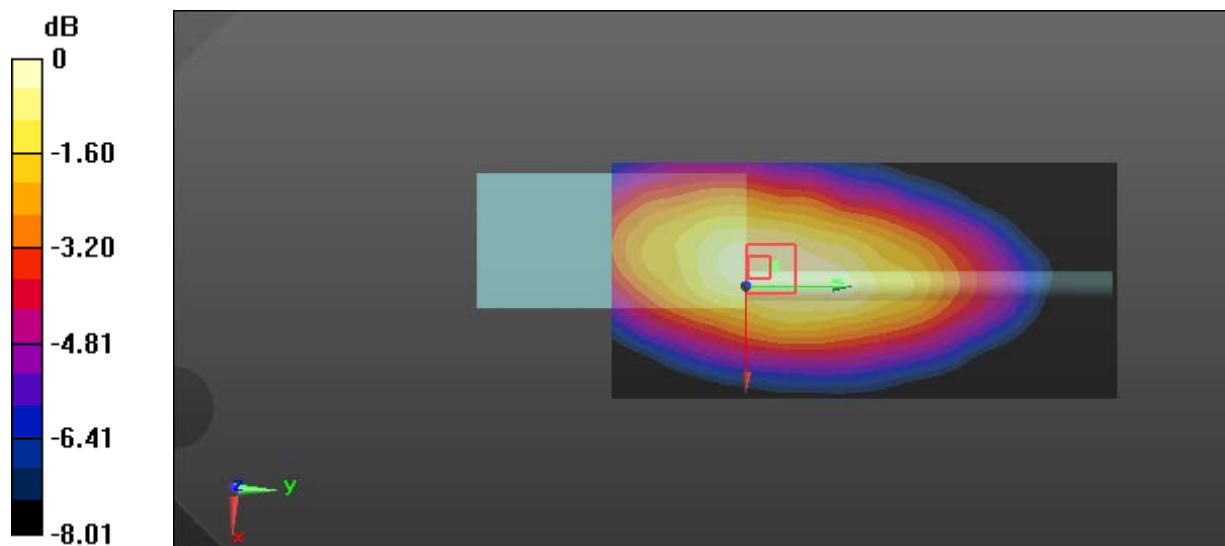
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 76.15 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 7.99 W/kg

SAR(1 g) = 5.22 W/kg; SAR(10 g) = 3.79 W/kg

Maximum value of SAR (measured) = 6.87 W/kg



0 dB = 6.87 W/kg = 8.37 dBW/kg

Test Plot 10#:FM 12.5 kHz_Face Up_ TG-DM88_400.0125 MHz**DUT: DMR two way radio; Type: TG-DM88; Serial: 17092205222**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.842$ S/m; $\epsilon_r = 43.108$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.45, 9.45, 9.45); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.17 W/kg

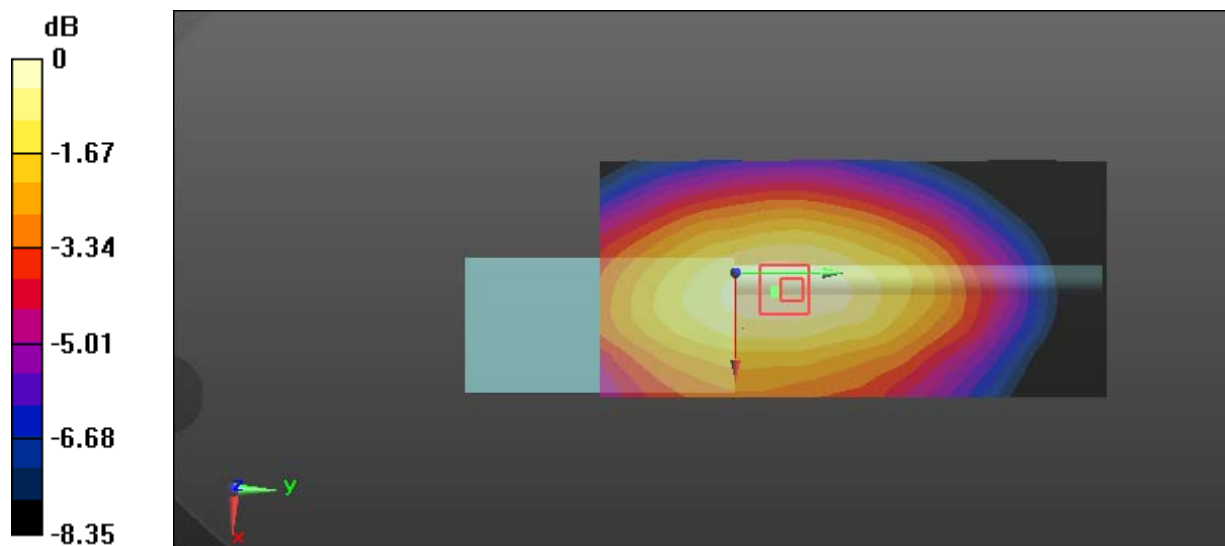
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.40 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 10.0 W/kg

SAR(1 g) = 6.07 W/kg; SAR(10 g) = 4.4 W/kg

Maximum value of SAR (measured) = 8.34 W/kg



0 dB = 8.34 W/kg = 9.21 dBW/kg

Test Plot 11#:FM 12.5 kHz_Body Back_TG-DM88_400.0125 MHz**DUT: DMR two way radio; Type: TG-DM88; Serial: 17092205222**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 55.421$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.3 W/kg

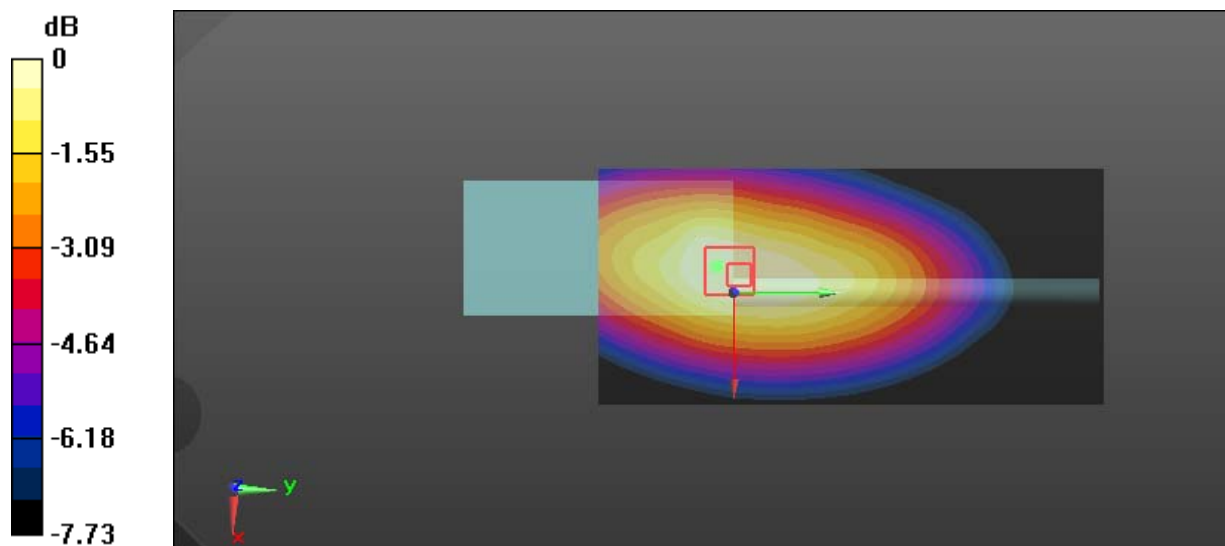
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.9 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.4 W/kg

Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg = 11.11 dBW/kg

Test Plot 12#:FM 12.5 kHz_Body Back_TG-DM88_414 MHz**DUT: DMR two way radio; Type: TG-DM88; Serial: 17092205222**

Communication System: FM; Frequency: 414 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 414$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 55.395$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.3 W/kg

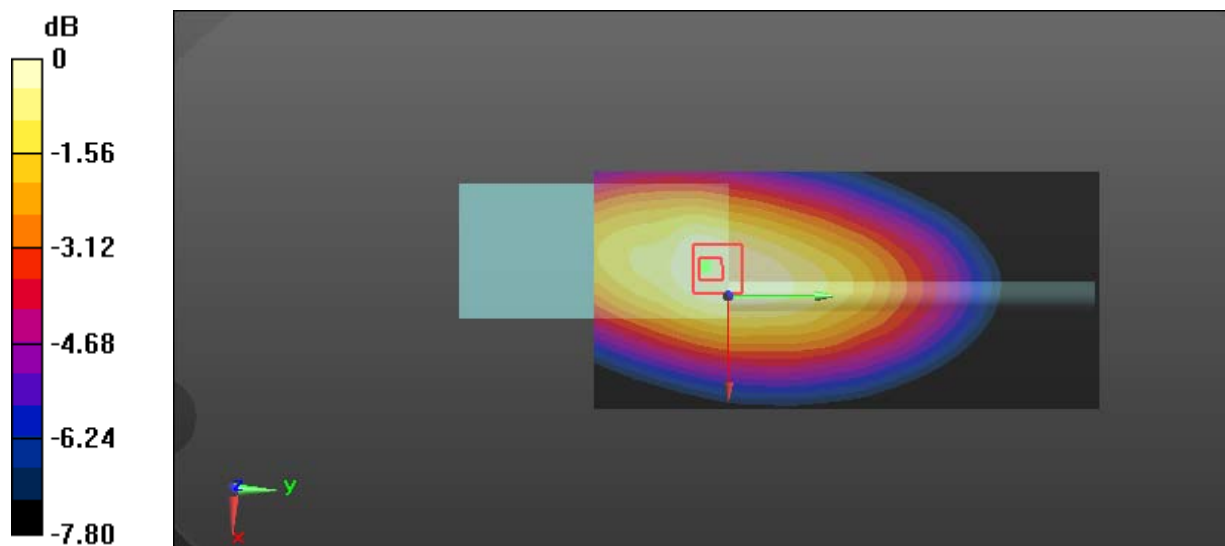
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.7 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 14.6 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.39 W/kg

Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg = 11.11 dBW/kg

Test Plot 13#:FM 12.5 kHz_Body Back_TG-DM88_428 MHz**DUT: DMR two way radio; Type: TG-DM88; Serial: 17092205222**

Communication System: FM; Frequency: 428 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 428$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 55.242$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.1 W/kg

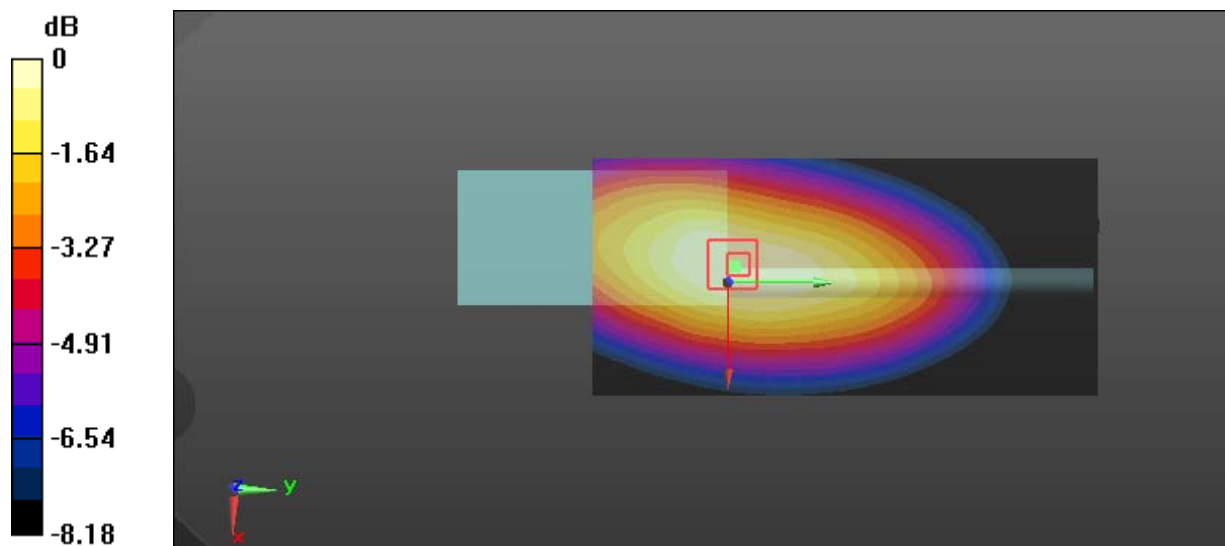
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.0 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 13.5 W/kg

SAR(1 g) = 9.15 W/kg; SAR(10 g) = 6.69 W/kg

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



0 dB = 11.8 W/kg = 10.72 dBW/kg

Test Plot 14#:FM 12.5 kHz_Body Back_TG-DM88_442 MHz**DUT: DMR two way radio; Type: TG-DM88; Serial: 17092205222**

Communication System: FM; Frequency: 442 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 442$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 55.201$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.71 W/kg

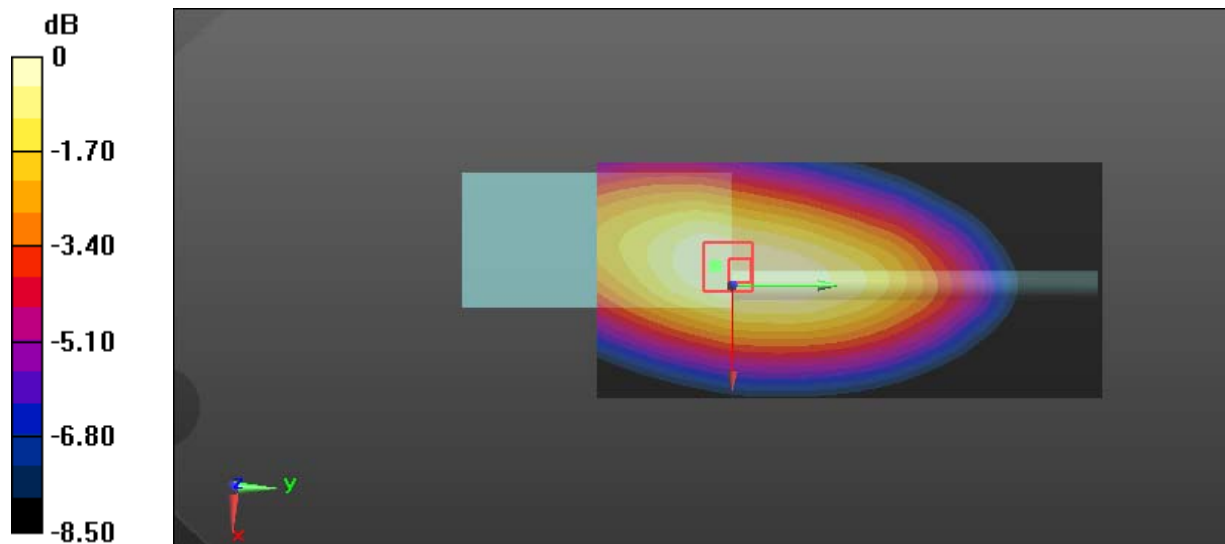
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.23 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 9.73 W/kg

SAR(1 g) = 6.64 W/kg; SAR(10 g) = 4.86 W/kg

Maximum value of SAR (measured) = 8.54 W/kg



0 dB = 8.54 W/kg = 9.31 dBW/kg

Test Plot 15#:FM 12.5 kHz_Body Back_TG-DM88_456 MHz**DUT: DMR two way radio; Type: TG-DM88; Serial: 17092205222**

Communication System: FM; Frequency: 456 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 456$ MHz; $\sigma = 0.959$ S/m; $\epsilon_r = 55.179$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.73 W/kg

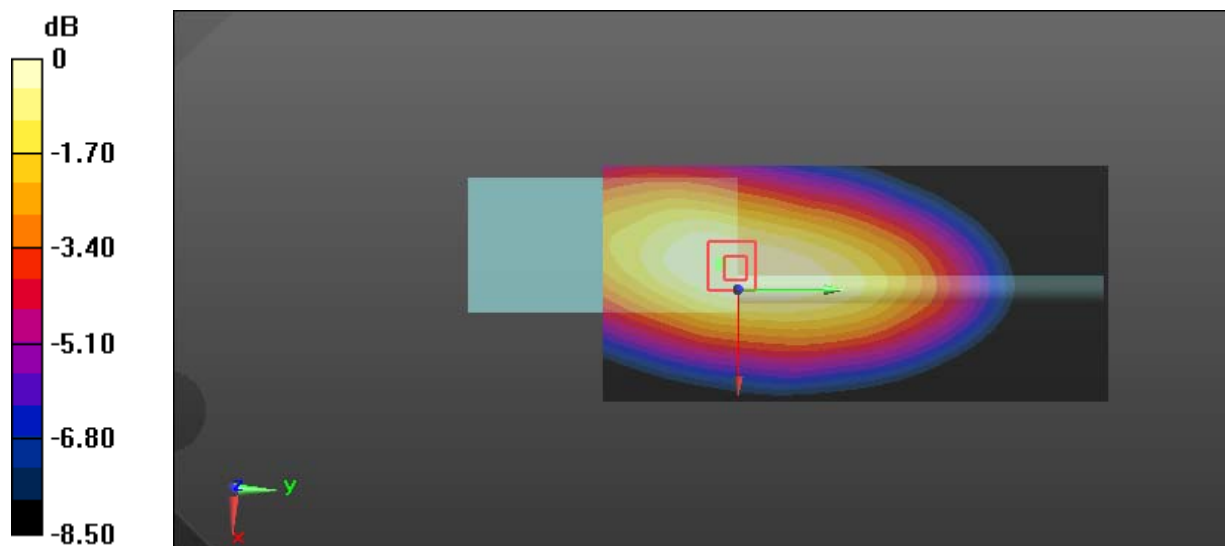
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 76.81 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 8.69 W/kg

SAR(1 g) = 5.91 W/kg; SAR(10 g) = 4.31 W/kg

Maximum value of SAR (measured) = 7.62 W/kg



0 dB = 7.62 W/kg = 8.82 dBW/kg

Test Plot 16#:FM 12.5 kHz_Body Back_TG-DM88_469.9875 MHz**DUT: DMR two way radio; Type: TG-DM88; Serial: 17092205222**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 55.049$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.67 W/kg

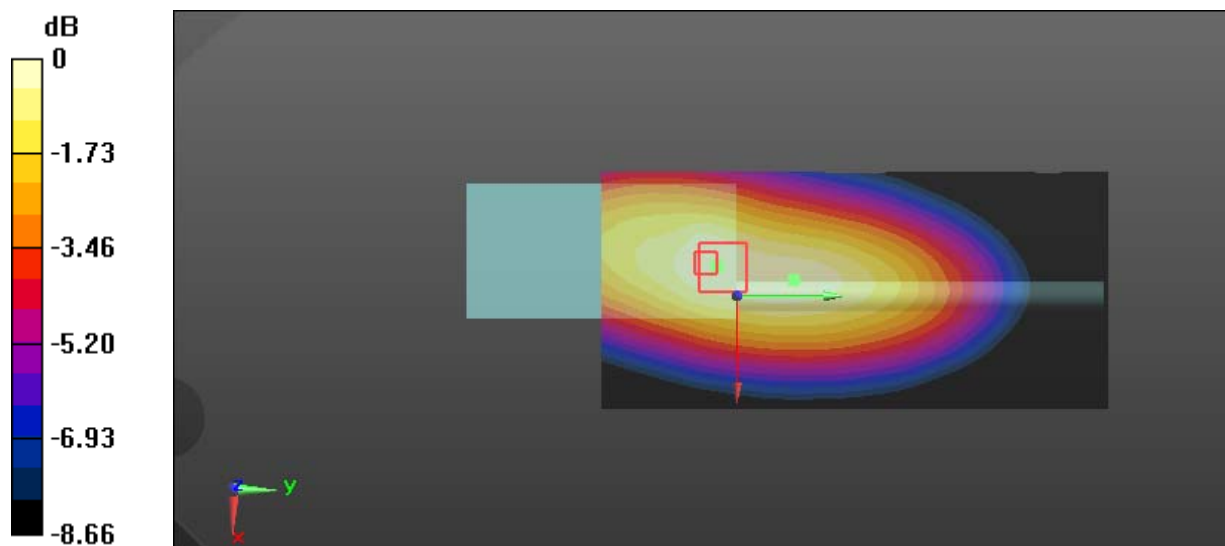
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.81 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 6.42 W/kg

SAR(1 g) = 4.35 W/kg; SAR(10 g) = 3.18 W/kg

Maximum value of SAR (measured) = 5.63 W/kg



0 dB = 5.63 W/kg = 7.51 dBW/kg

Test Plot 17#:4FSK 12.5 kHz_Face Up_TG-DM88_400.0125 MHz**DUT: DMR two way radio; Type: TG-DM88; Serial: 17092205222**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.842$ S/m; $\epsilon_r = 43.108$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.45, 9.45, 9.45); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

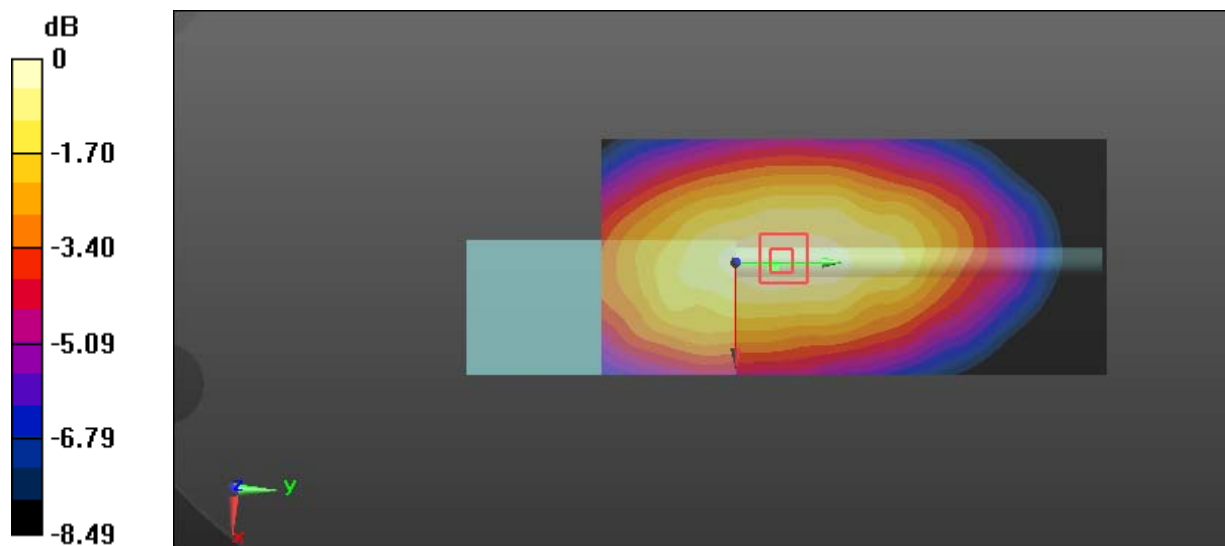
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.14 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 5.35 W/kg

SAR(1 g) = 3.23 W/kg; SAR(10 g) = 2.34 W/kg

Maximum value of SAR (measured) = 4.41 W/kg



0 dB = 4.41 W/kg = 6.44 dBW/kg

Test Plot 18#:4FSK 12.5 kHz_Body Back_TG-DM88_400.0125 MHz**DUT: DMR two way radio; Type: TG-DM88; Serial: 17092205222**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 55.421$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.00 W/kg

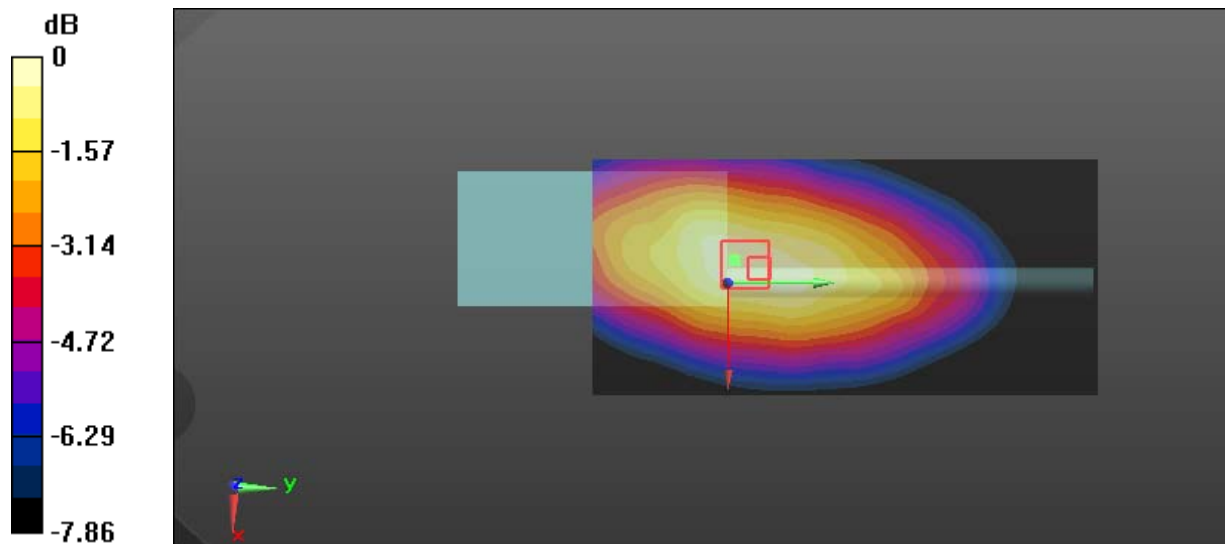
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.31 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 8.16 W/kg

SAR(1 g) = 5.31 W/kg; SAR(10 g) = 3.92 W/kg

Maximum value of SAR (measured) = 7.02 W/kg



0 dB = 7.02 W/kg = 8.46 dBW/kg

Test Plot 19#:FM 12.5 kHz_Face Up_ TG-DM88_400.0125 MHz**DUT: DMR two way radio; Type: AT-D5; Serial: 17092205223**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 43.203$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.45, 9.45, 9.45); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.63 W/kg

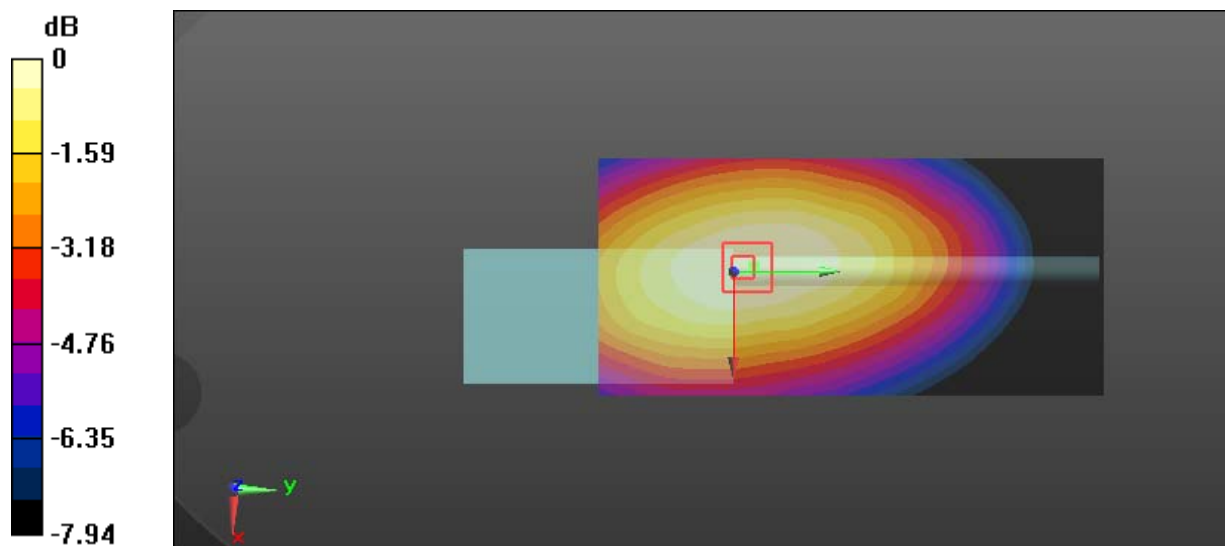
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.58 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 8.33 W/kg

SAR(1 g) = 5.61 W/kg; SAR(10 g) = 4.13 W/kg

Maximum value of SAR (measured) = 7.26 W/kg



0 dB = 7.26 W/kg = 8.61 dBW/kg

Test Plot 20#:FM 12.5 kHz_Body Back_AT-D5_400.0125 MHz**DUT: DMR two way radio; Type: AT-D5; Serial: 17092205223**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 55.601$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.4 W/kg

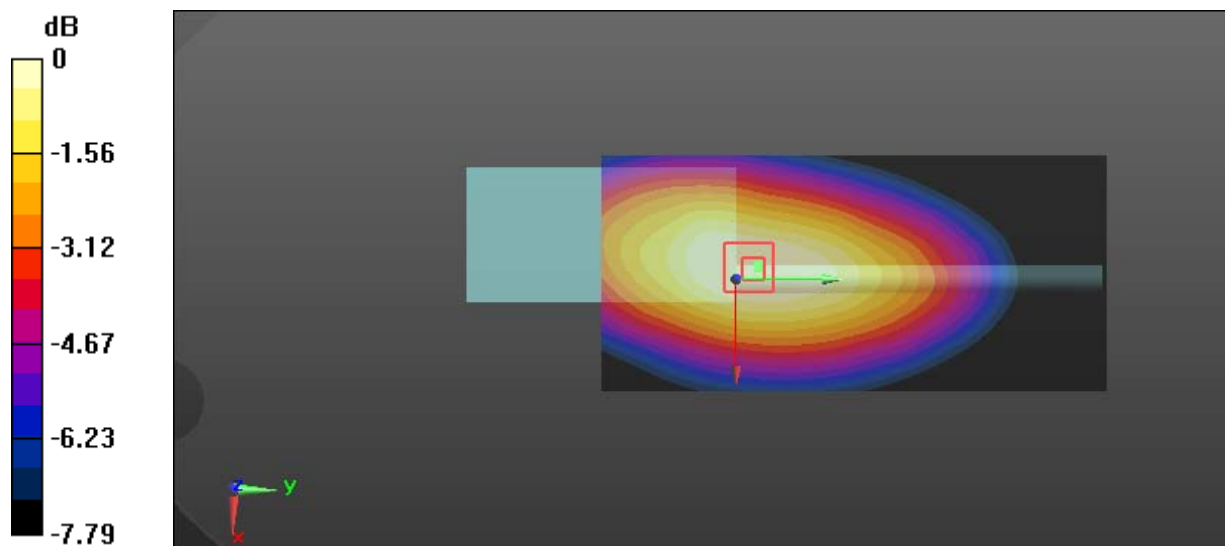
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 116.7 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 14.4 W/kg

SAR(1 g) = 9.84 W/kg; SAR(10 g) = 7.19 W/kg

Maximum value of SAR (measured) = 12.7 W/kg



0 dB = 12.7 W/kg = 11.03 dBW/kg

Test Plot 21#:FM 12.5 kHz_Body Back_AT-D5_414 MHz**DUT: DMR two way radio; Type: AT-D5; Serial: 17092205223**

Communication System: FM; Frequency: 414 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 414$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 55.595$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.5 W/kg

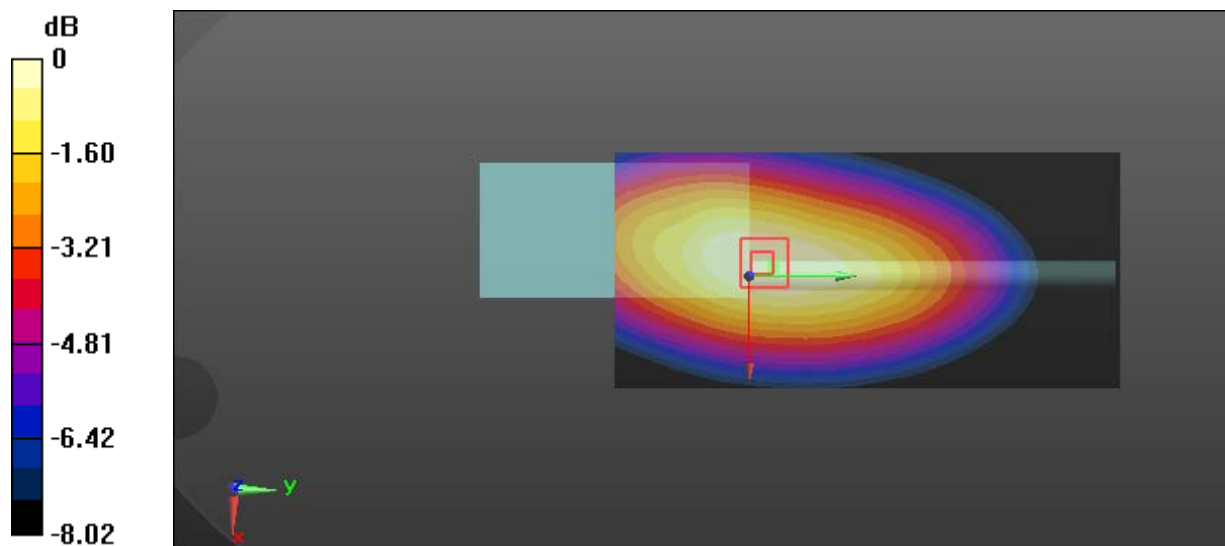
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.2 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 13.9 W/kg

SAR(1 g) = 9.54 W/kg; SAR(10 g) = 6.96 W/kg

Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg = 10.86 dBW/kg

Test Plot 22#:FM 12.5 kHz_Body Back_AT-D5_428 MHz

DUT: DMR two way radio; Type: AT-D5; Serial: 17092205223

Communication System: FM; Frequency: 428 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 428 \text{ MHz}$; $\sigma = 0.959 \text{ S/m}$; $\epsilon_r = 55.581$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.78 W/kg

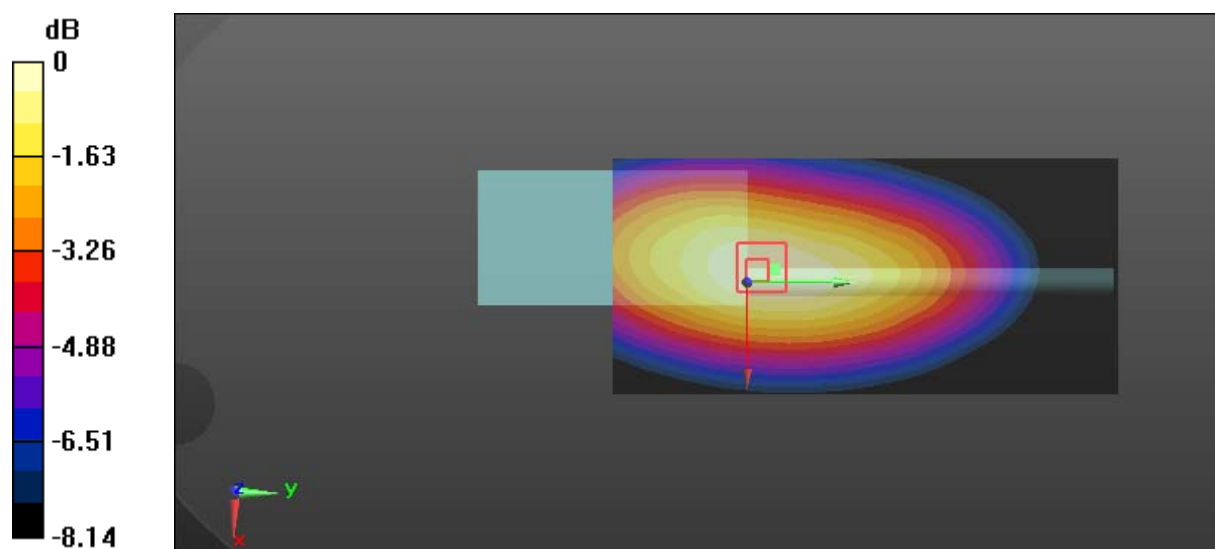
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 84.98 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 9.87 W/kg

SAR(1 g) = 6.76 W/kg; SAR(10 g) = 4.93 W/kg

Maximum value of SAR (measured) = 8.74 W/kg



0 dB = 8.74 W/kg = 9.42 dBW/kg

Test Plot 23#:FM 12.5 kHz_Body Back_AT-D5_442 MHz**DUT: DMR two way radio; Type: AT-D5; Serial: 17092205223**

Communication System: FM; Frequency: 442 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 442$ MHz; $\sigma = 0.964$ S/m; $\epsilon_r = 55.431$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.86 W/kg

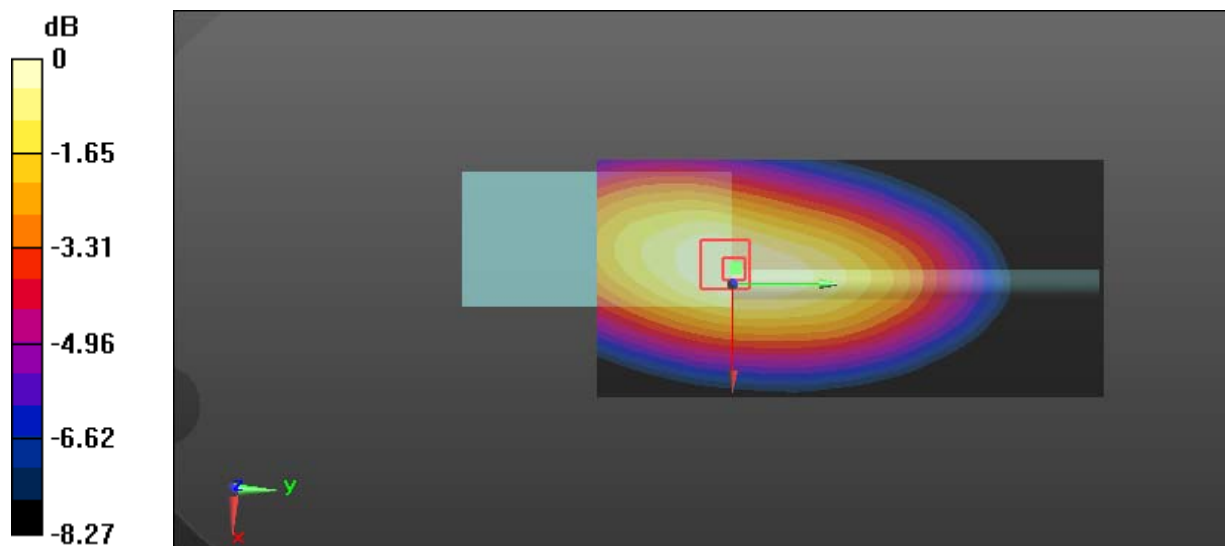
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 74.03 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 7.56 W/kg

SAR(1 g) = 5.26 W/kg; SAR(10 g) = 3.85 W/kg

Maximum value of SAR (measured) = 6.73 W/kg



0 dB = 6.73 W/kg = 8.28 dBW/kg

Test Plot 24#:FM 12.5 kHz_Body Back_AT-D5_456 MHz**DUT: DMR two way radio; Type: AT-D5; Serial: 17092205223**

Communication System: FM; Frequency: 456 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 456$ MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 55.391$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.27 W/kg

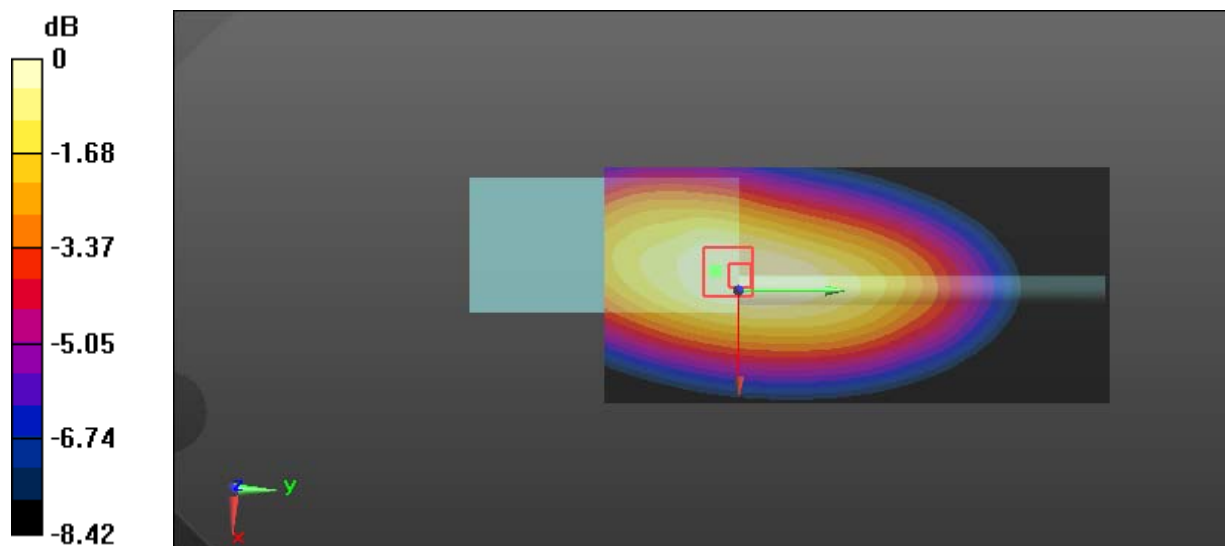
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.44 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 9.25 W/kg

SAR(1 g) = 6.32 W/kg; SAR(10 g) = 4.64 W/kg

Maximum value of SAR (measured) = 8.11 W/kg



0 dB = 8.11 W/kg = 9.09 dBW/kg

Test Plot 25#:FM 12.5 kHz_Body Back_AT-D5_469.9875 MHz**DUT: DMR two way radio; Type: AT-D5; Serial: 17092205223**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 55.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.65 W/kg

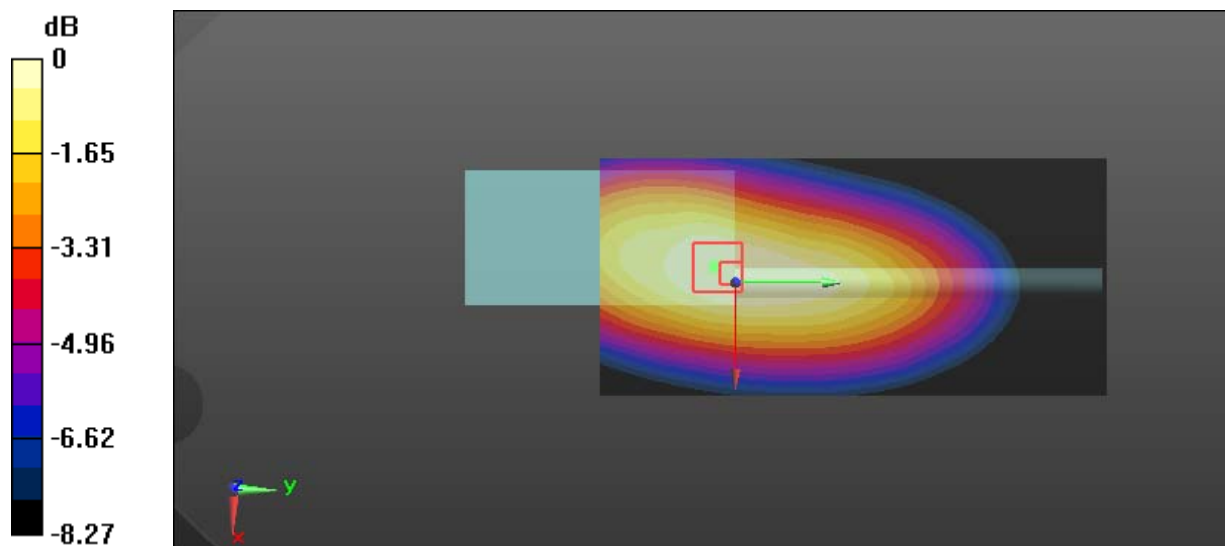
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.11 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 5.01 W/kg

SAR(1 g) = 3.51 W/kg; SAR(10 g) = 2.6 W/kg

Maximum value of SAR (measured) = 4.42 W/kg



0 dB = 4.42 W/kg = 6.45 dBW/kg

Test Plot 26#:4FSK 12.5 kHz_Face Up_AT-D5_400.0125 MHz**DUT: DMR two way radio; Type: AT-D5; Serial: 17092205223**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 43.203$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.45, 9.45, 9.45); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.08 W/kg

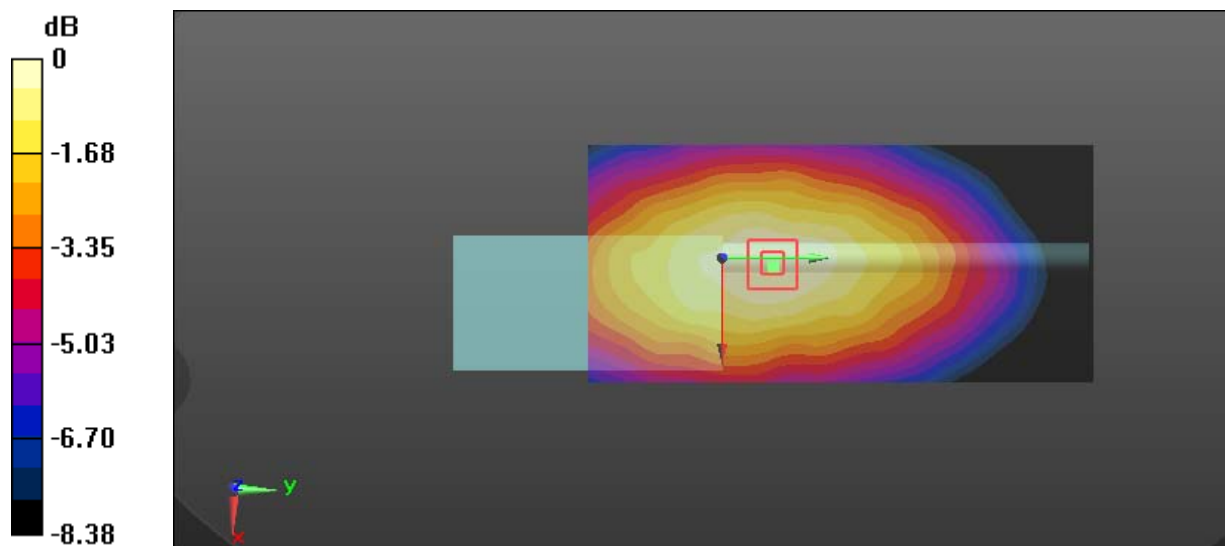
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.51 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.71 W/kg

SAR(1 g) = 3.07 W/kg; SAR(10 g) = 2.22 W/kg

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



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

Test Plot 27#:4FSK 12.5 kHz_Body Back_AT-D5_400.0125 MHz**DUT: DMR two way radio; Type: AT-D5; Serial: 17092205223**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 55.601$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.27 W/kg

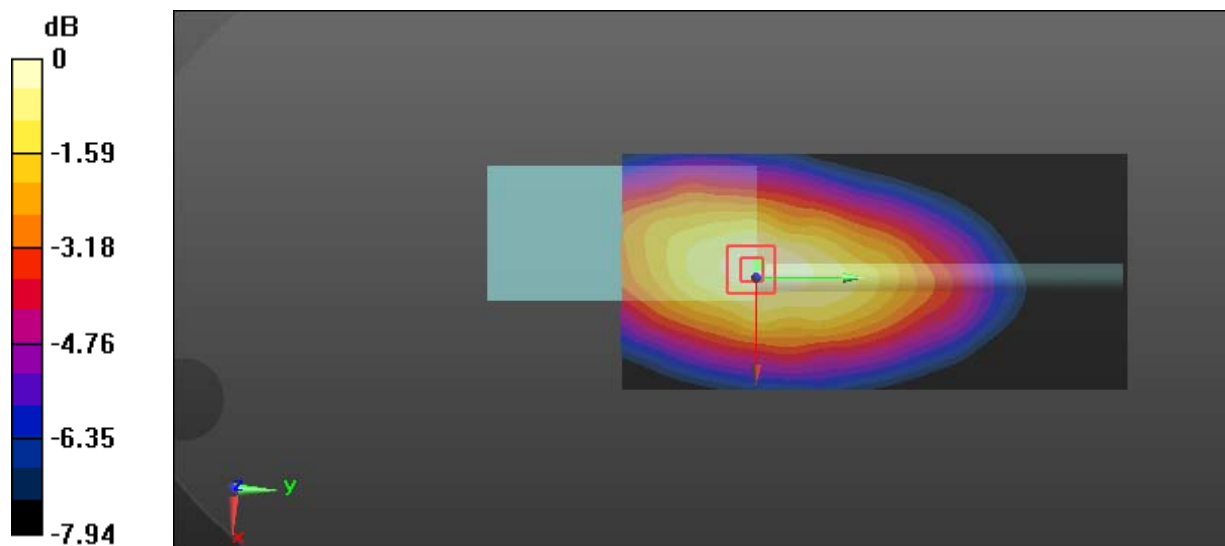
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.28 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.35 W/kg

SAR(1 g) = 5.65 W/kg; SAR(10 g) = 4.09 W/kg

Maximum value of SAR (measured) = 7.34 W/kg



0 dB = 7.34 W/kg = 8.66 dBW/kg

Test Plot 28#:FM 12.5 kHz_Face Up_ TG-DM88_400.0125 MHz**DUT: DMR two way radio; Type: TG-DM88A; Serial: 17092205224**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 43.203$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.45, 9.45, 9.45); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.39 W/kg

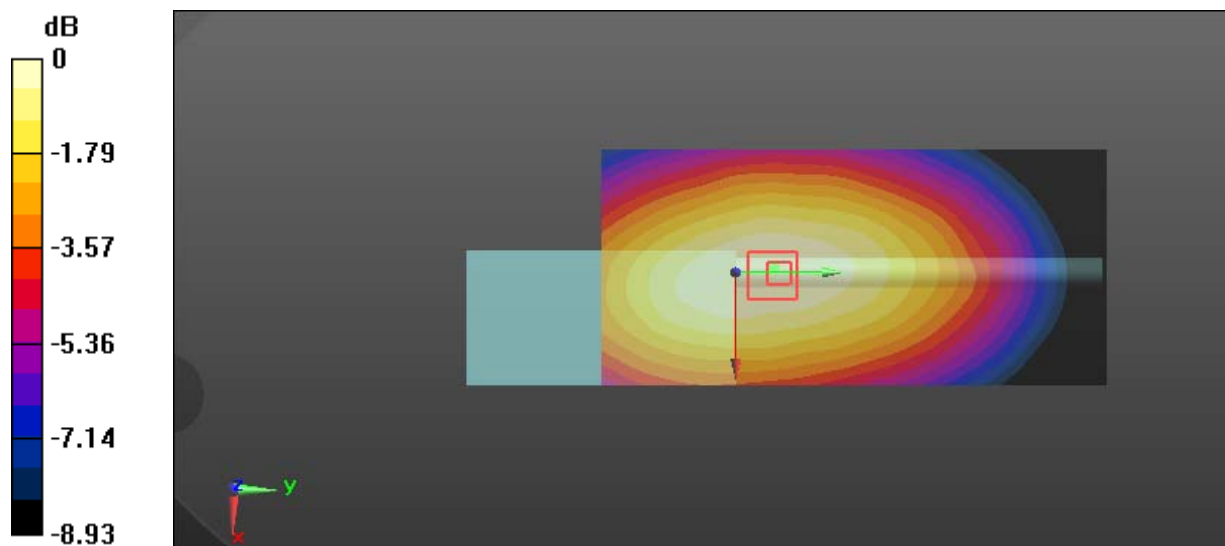
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.84 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 9.72 W/kg

SAR(1 g) = 6.11 W/kg; SAR(10 g) = 4.41 W/kg

Maximum value of SAR (measured) = 8.18 W/kg



0 dB = 8.18 W/kg = 9.13 dBW/kg

Test Plot 29#:FM 12.5 kHz_Body Back_TG-DM88A_400.0125 MHz**DUT: DMR two way radio; Type: TG-DM88A; Serial: 17092205224**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 55.601$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.5 W/kg

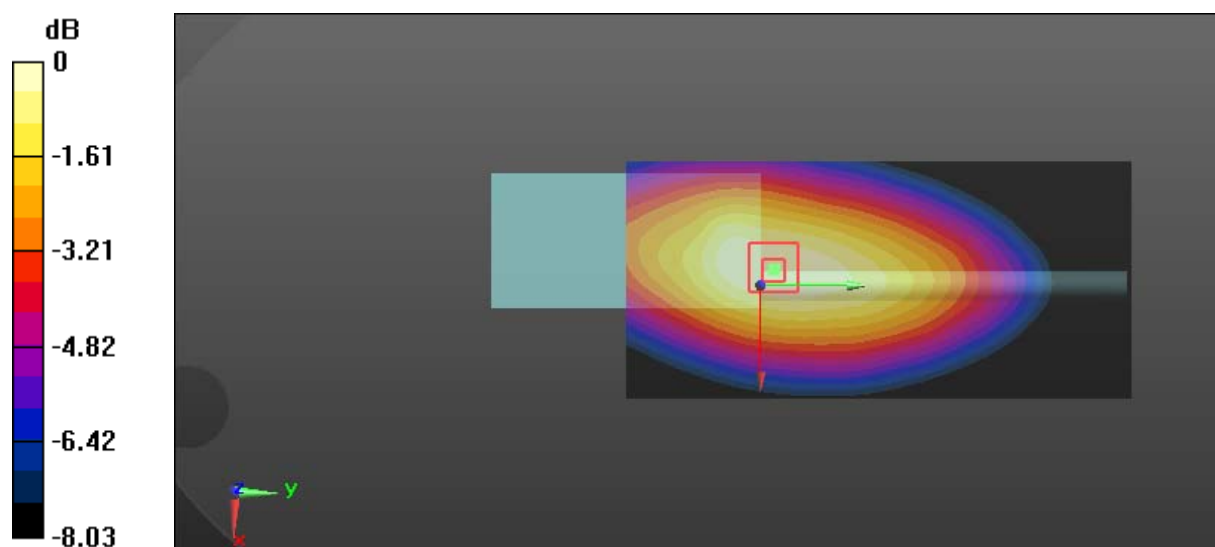
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.8 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 14.2 W/kg

SAR(1 g) = 9.64 W/kg; SAR(10 g) = 7.05 W/kg

Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.5 W/kg = 10.97 dBW/kg

Test Plot 30#:FM 12.5 kHz_Body Back_TG-DM88A_414 MHz**DUT: DMR two way radio; Type: TG-DM88A; Serial: 17092205224**

Communication System: FM; Frequency: 414 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 414$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 55.595$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.6 W/kg

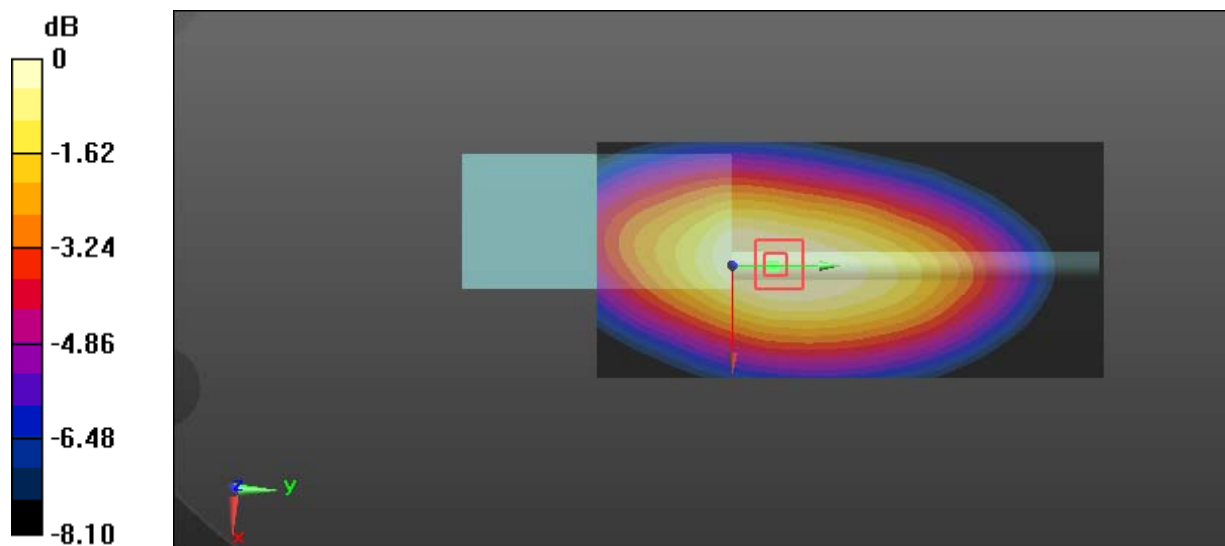
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 102.2 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 13.8 W/kg

SAR(1 g) = 9.53 W/kg; SAR(10 g) = 7.02 W/kg

Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg

Test Plot 31#:FM 12.5 kHz_Body Back_TG-DM88A_428 MHz**DUT: DMR two way radio; Type: TG-DM88A; Serial: 17092205224**

Communication System: FM; Frequency: 428 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 428$ MHz; $\sigma = 0.959$ S/m; $\epsilon_r = 55.581$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

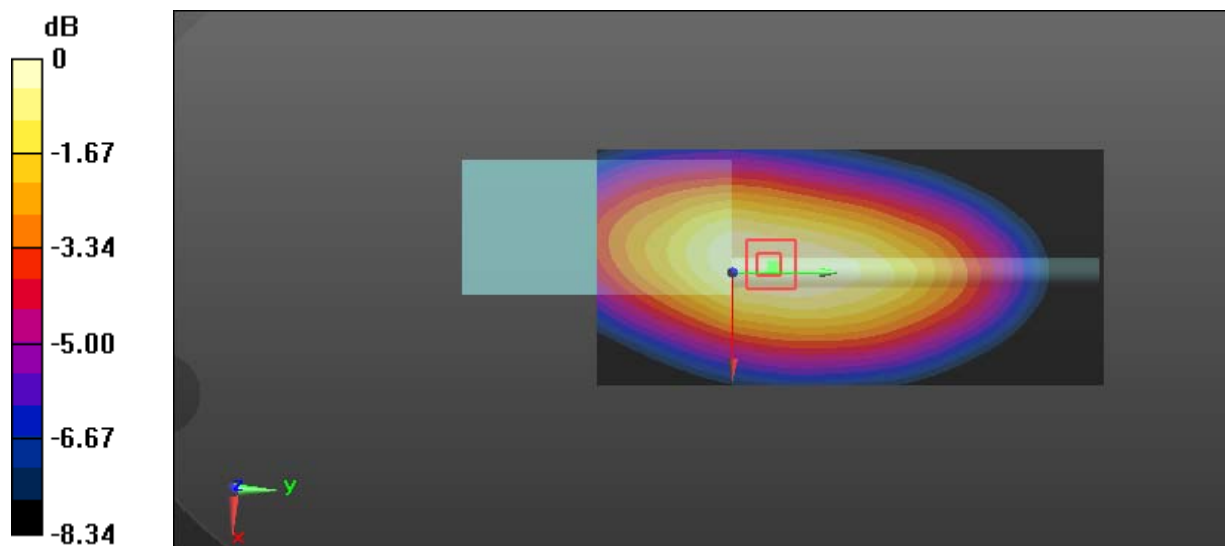
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.90 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 7.75 W/kg; SAR(10 g) = 5.66 W/kg

Maximum value of SAR (measured) = 9.97 W/kg



0 dB = 9.97 W/kg = 9.99 dBW/kg

Test Plot 32#:FM 12.5 kHz_Body Back_TG-DM88A_442 MHz**DUT: DMR two way radio; Type: TG-DM88A; Serial: 17092205224**

Communication System: FM; Frequency: 442 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 442$ MHz; $\sigma = 0.964$ S/m; $\epsilon_r = 55.431$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

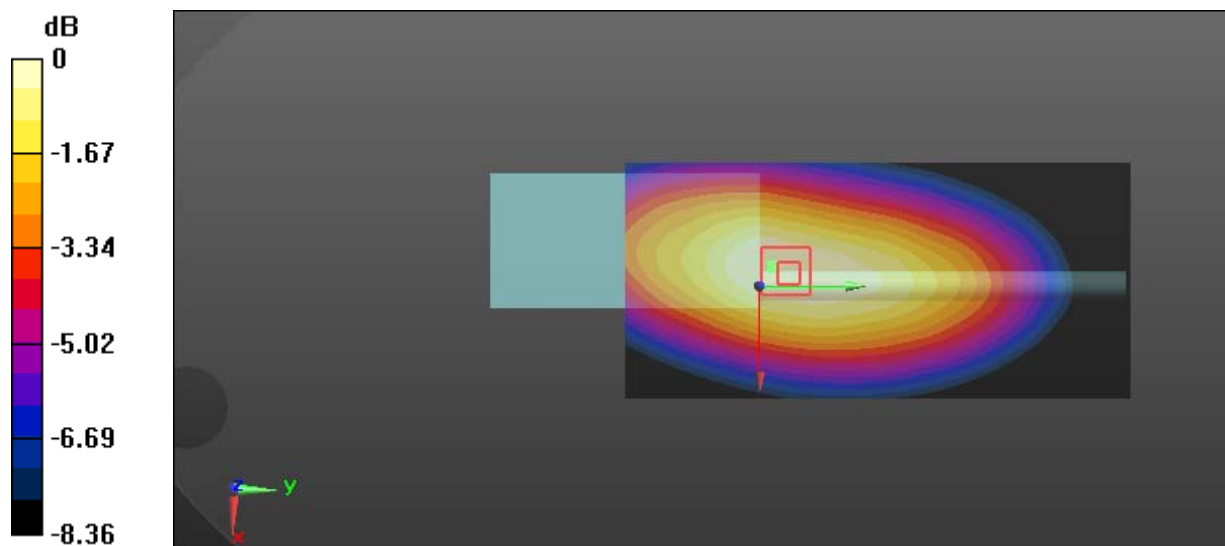
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 73.66 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 7.88 W/kg

SAR(1 g) = 5.36 W/kg; SAR(10 g) = 3.92 W/kg

Maximum value of SAR (measured) = 6.87 W/kg



0 dB = 6.87 W/kg = 8.37 dBW/kg

Test Plot 33#:FM 12.5 kHz_Body Back_TG-DM88A_456 MHz**DUT: DMR two way radio; Type: TG-DM88A; Serial: 17092205224**

Communication System: FM; Frequency: 456 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 456$ MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 55.391$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.24 W/kg

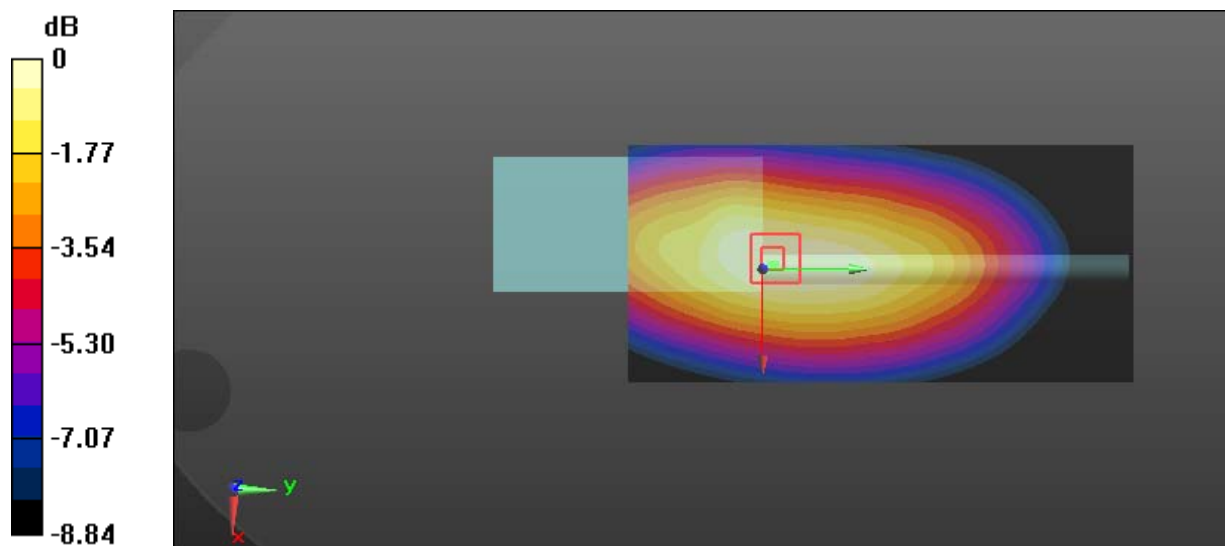
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 70.40 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 7.27 W/kg

SAR(1 g) = 4.84 W/kg; SAR(10 g) = 3.52 W/kg

Maximum value of SAR (measured) = 6.28 W/kg



0 dB = 6.28 W/kg = 7.98 dBW/kg

Test Plot 34#:FM 12.5 kHz_Body Back_TG-DM88A_469.9875 MHz**DUT: DMR two way radio; Type: TG-DM88A; Serial: 17092205224**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 55.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.61 W/kg

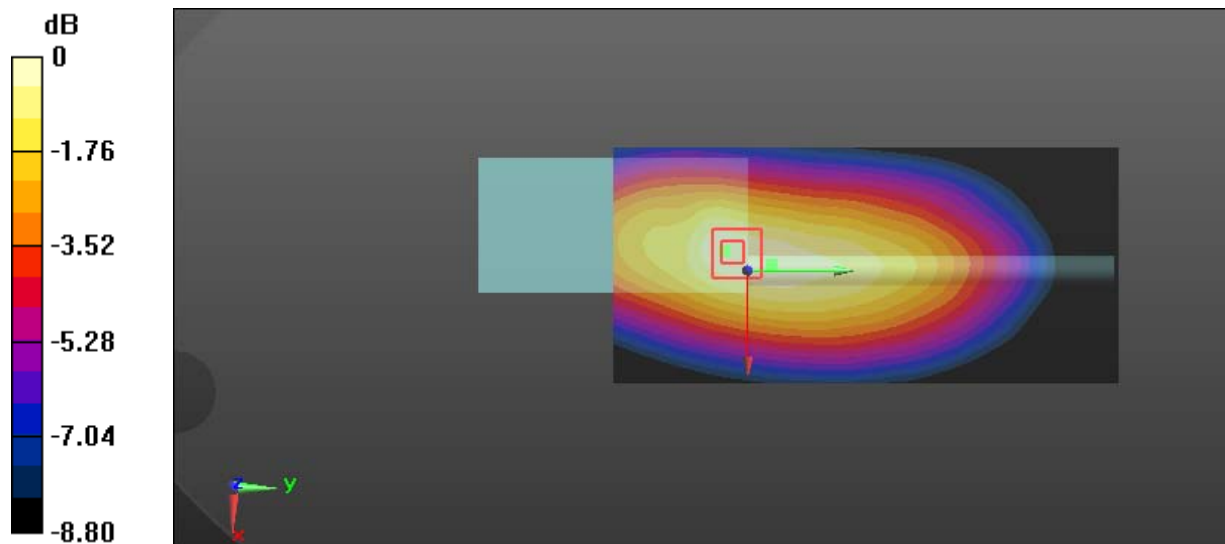
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 65.02 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 6.74 W/kg

SAR(1 g) = 4.32 W/kg; SAR(10 g) = 3.12 W/kg

Maximum value of SAR (measured) = 5.76 W/kg



0 dB = 5.76 W/kg = 7.60 dBW/kg

Test Plot 35#:4FSK 12.5 kHz_Face Up_TG-DM88A_400.0125 MHz**DUT: DMR two way radio; Type: TG-DM88A; Serial: 17092205224**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 43.203$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.45, 9.45, 9.45); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.19 W/kg

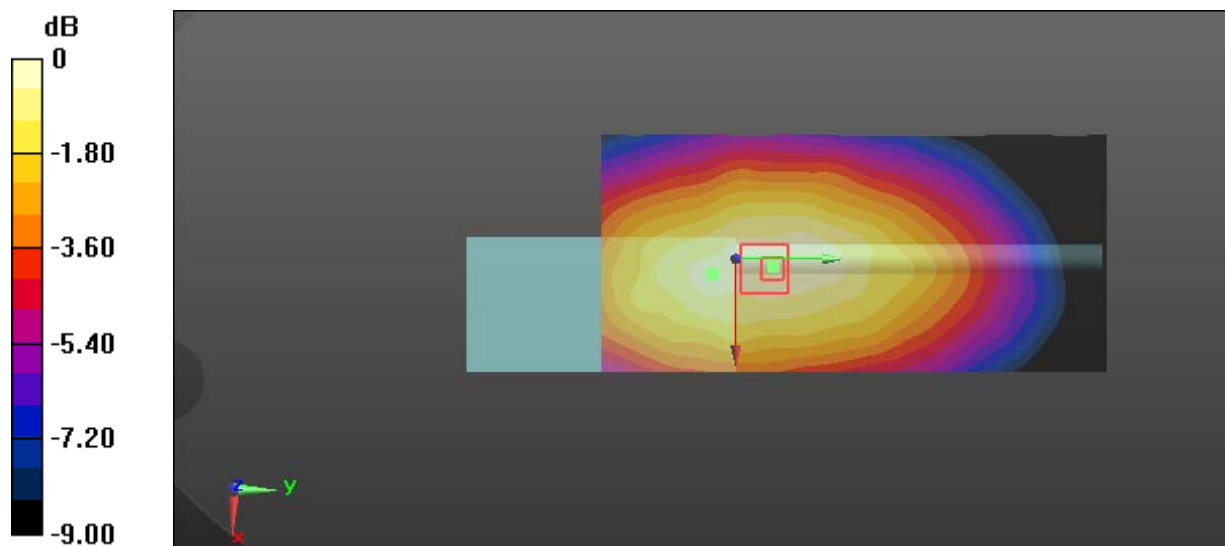
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.80 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 5.12 W/kg

SAR(1 g) = 3.08 W/kg; SAR(10 g) = 2.21 W/kg

Maximum value of SAR (measured) = 4.26 W/kg



0 dB = 4.26 W/kg = 6.29 dBW/kg

Test Plot 36#:4FSK 12.5 kHz_Body Back_TG-DM88A_400.0125 MHz**DUT: DMR two way radio; Type: TG-DM88A; Serial: 17092205224**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 55.601$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(9.43, 9.43, 9.43); Calibrated: 2017/9/25;
- 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 (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.16 W/kg

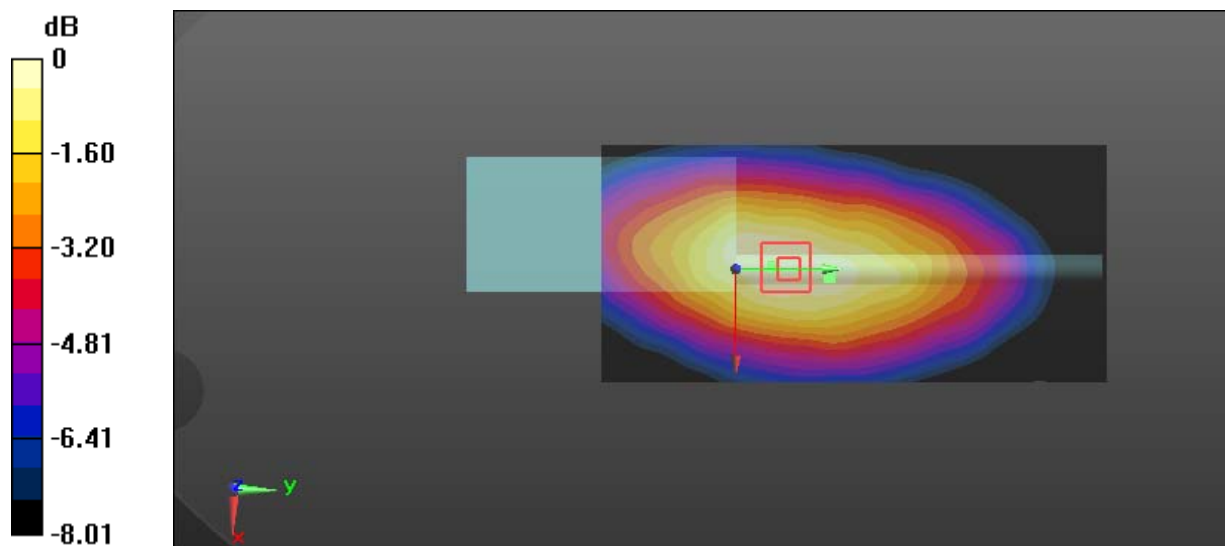
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 75.54 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 7.98 W/kg

SAR(1 g) = 5.36 W/kg; SAR(10 g) = 3.9 W/kg

Maximum value of SAR (measured) = 7.00 W/kg



0 dB = 7.00 W/kg = 8.45 dBW/kg