

Test Plot 1#: 416.0125MHz-12.5KHz_ Face Up**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 44.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.29 W/kg

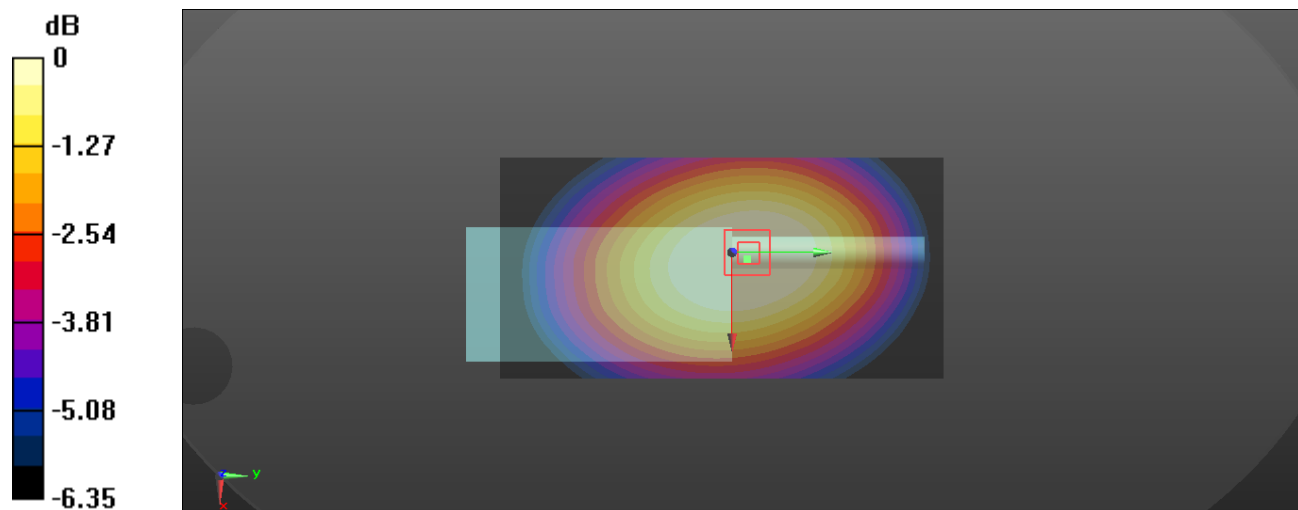
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.2 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 8.98 W/kg

SAR(1 g) = 6.04 W/kg; SAR(10 g) = 4.73 W/kg

Maximum value of SAR (measured) = 7.42 W/kg



0 dB = 7.42 W/kg = 8.70 dBW/kg

Test Plot 2#: 400.0125MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.841$ S/m; $\epsilon_r = 44.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

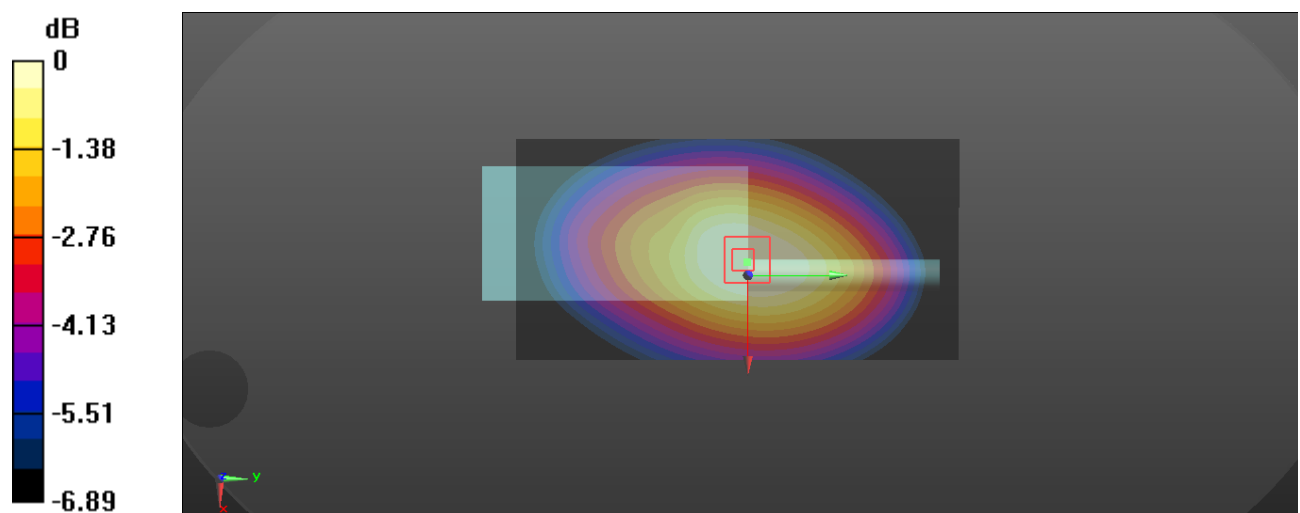
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 117.9 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 12.9 W/kg

SAR(1 g) = 9.64 W/kg; SAR(10 g) = 7.31 W/kg

Maximum value of SAR (measured) = 10.4 W/kg



0 dB = 10.4 W/kg = 10.17 dBW/kg

Test Plot 3#: 416.0125MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 44.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.8 W/kg

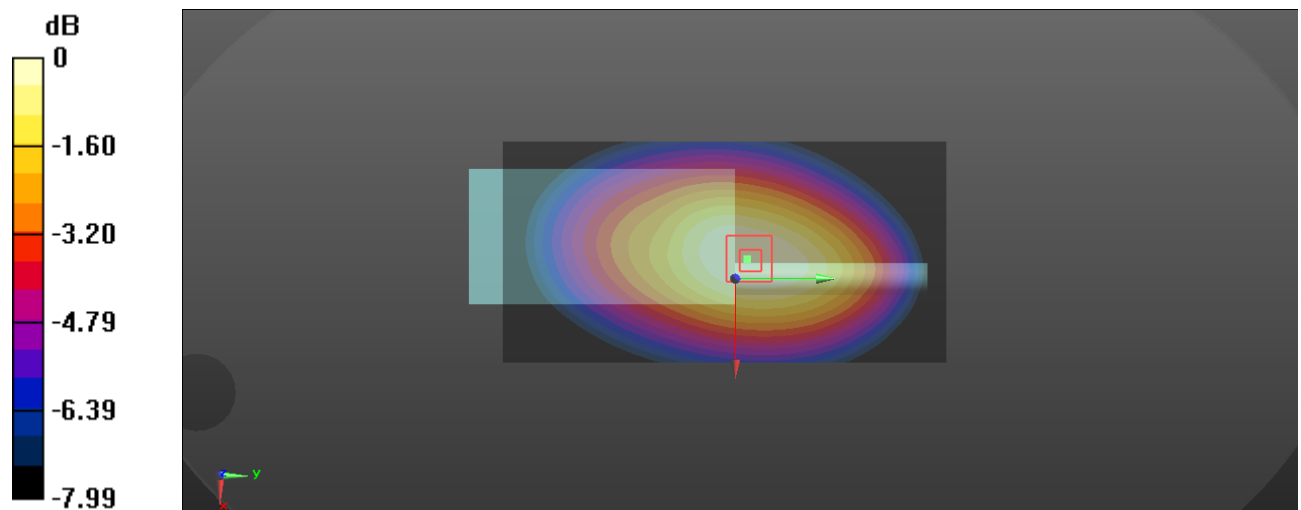
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.5 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 13.3 W/kg

SAR(1 g) = 9.93 W/kg; SAR(10 g) = 7.28 W/kg

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

Test Plot 4#: 432.0125MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

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

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 44.225$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.5 W/kg

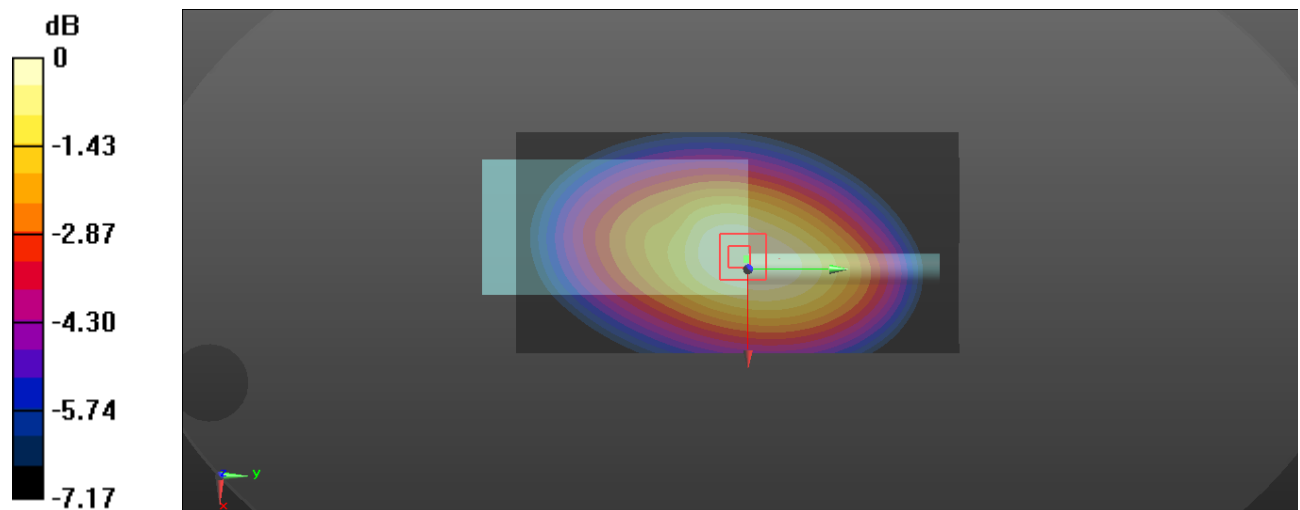
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.7 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 12.8 W/kg

SAR(1 g) = 9.67 W/kg; SAR(10 g) = 7.27 W/kg

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



0 dB = 10.1 W/kg = 10.04 dBW/kg

Test Plot 5#: 447.9875MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

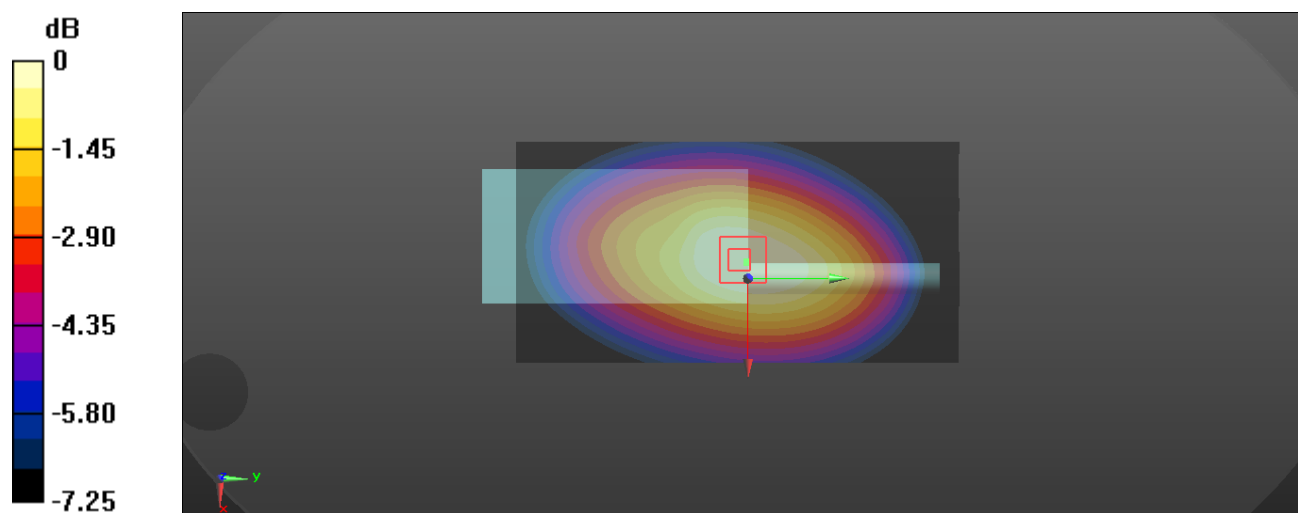
Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 43.972$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 447.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.45 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 104.1 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 11.4 W/kg **SAR(1 g) = 8.6 W/kg ; SAR(10 g) = 6.44 W/kg** Maximum value of SAR (measured) = 9.00 W/kg 0 dB = 9.00 W/kg = 9.54 dBW/kg

Test Plot 6#: 463.9875MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

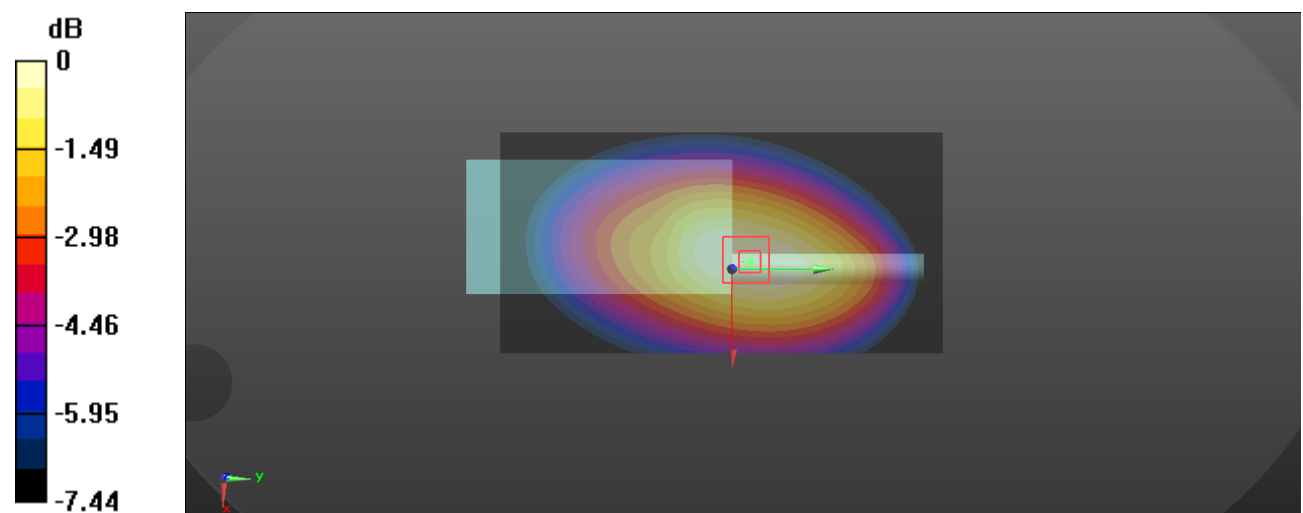
Communication System: FM; Frequency: 463.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 463.988 \text{ MHz}$; $\sigma = 0.884 \text{ S/m}$; $\epsilon_r = 42.859$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 463.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.94 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 104.0 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 12.2 W/kg **SAR(1 g) = 9.25 W/kg ; SAR(10 g) = 6.93 W/kg** Maximum value of SAR (measured) = 9.72 W/kg  $0 \text{ dB} = 9.72 \text{ W/kg} = 9.88 \text{ dBW/kg}$

Test Plot 7#: 479.9875MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

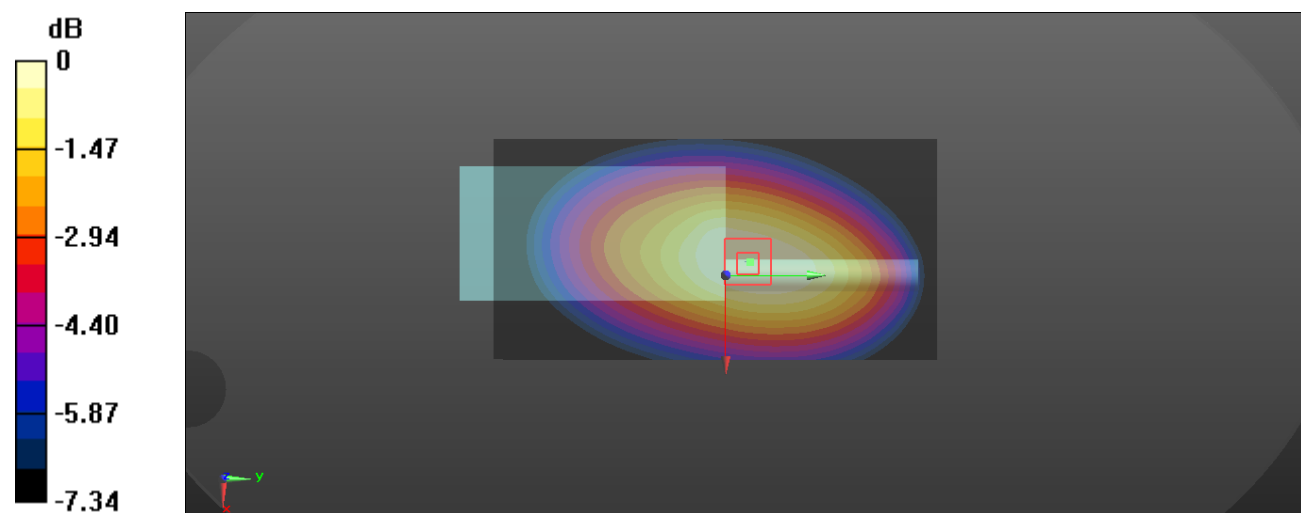
Communication System: FM; Frequency: 479.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 479.988 \text{ MHz}$; $\sigma = 0.895 \text{ S/m}$; $\epsilon_r = 42.294$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.02 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 79.13 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 7.31 W/kg **SAR(1 g) = 5.53 W/kg ; SAR(10 g) = 4.16 W/kg** Maximum value of SAR (measured) = 5.80 W/kg 0 dB = 5.80 W/kg = 7.63 dBW/kg

Test Plot 8#: 416.0125MHz-25KHz_ Face Up**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 44.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.10 W/kg

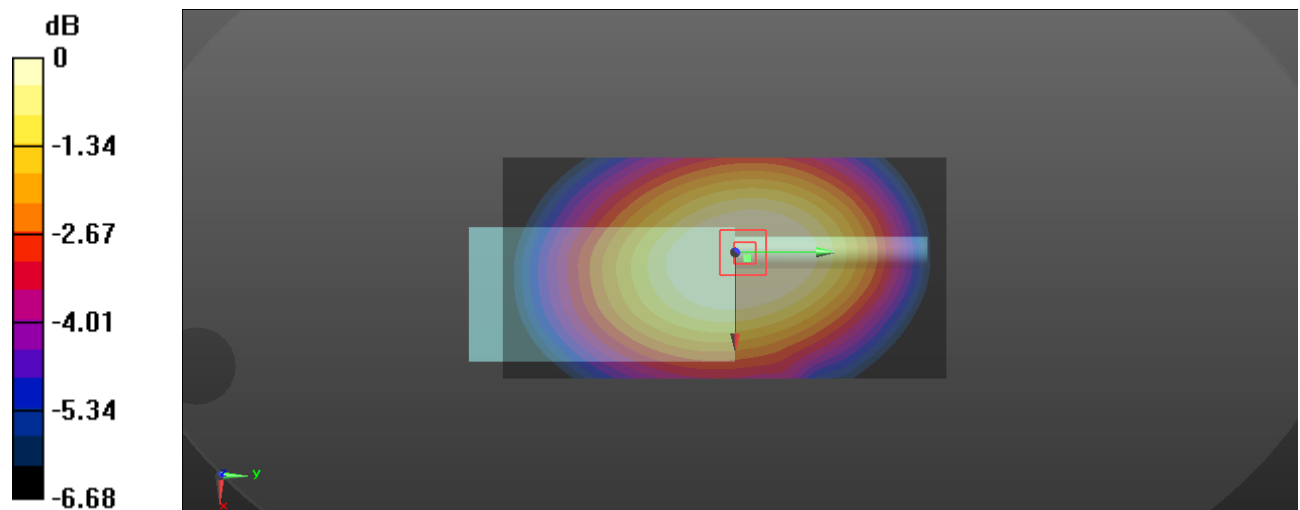
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 99.71 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 8.75 W/kg

SAR(1 g) = 5.88 W/kg; SAR(10 g) = 4.62 W/kg

Maximum value of SAR (measured) = 7.25 W/kg



0 dB = 7.25 W/kg = 8.60 dBW/kg

Test Plot 9#: 400.0125MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.841$ S/m; $\epsilon_r = 44.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

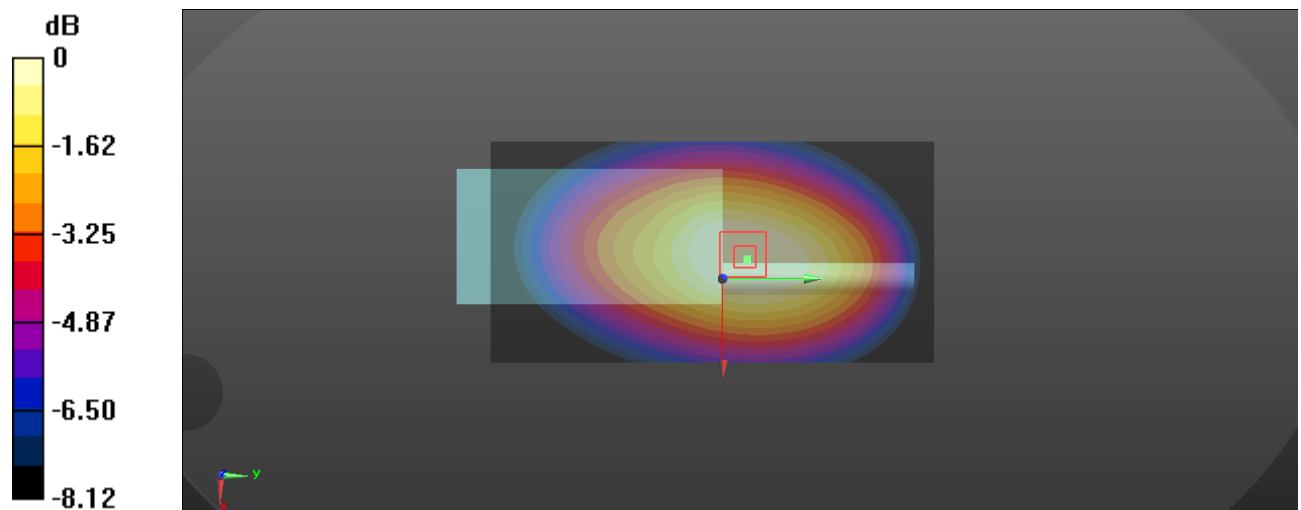
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 117.9 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 7.54 W/kg

Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

Test Plot 10#: 416.0125MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 44.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.8 W/kg

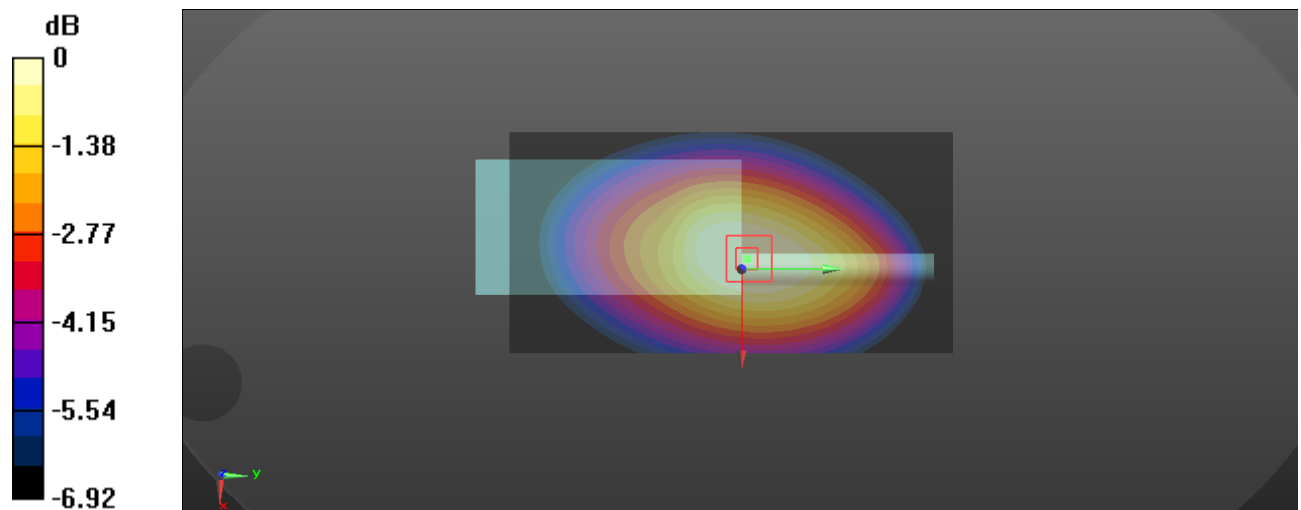
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 123.6 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 14.9 W/kg

SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.95 W/kg

Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg

Test Plot 11#: 432.0125MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

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

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 44.225$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.2 W/kg

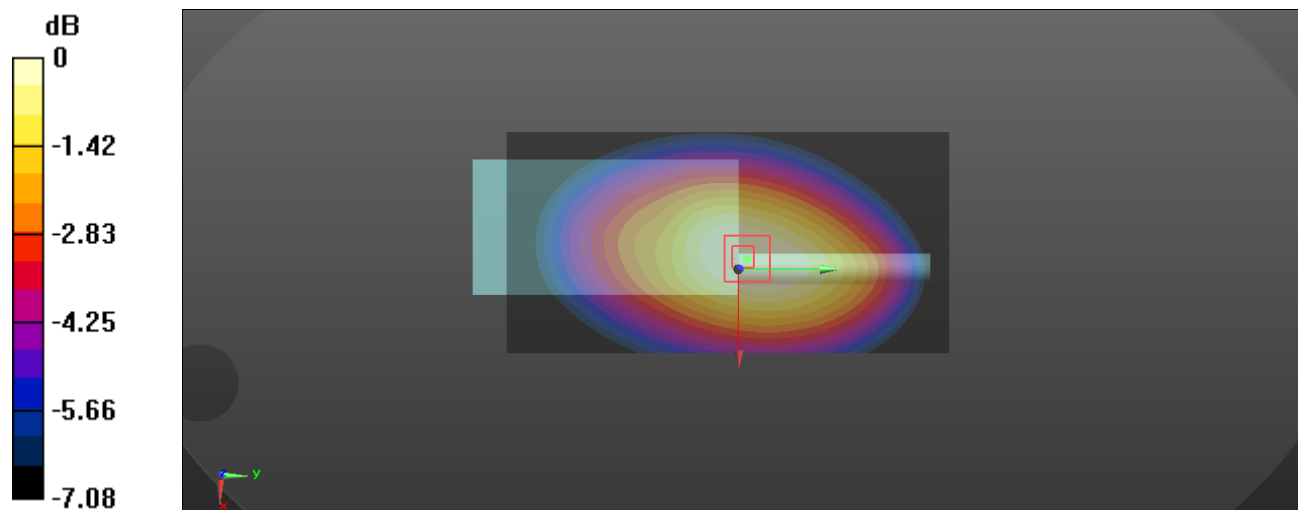
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 114.5 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 13.3 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 7.72 W/kg

Maximum value of SAR (measured) = 10.7 W/kg



0 dB = 10.7 W/kg = 10.29 dBW/kg

Test Plot 12#: 447.9875MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

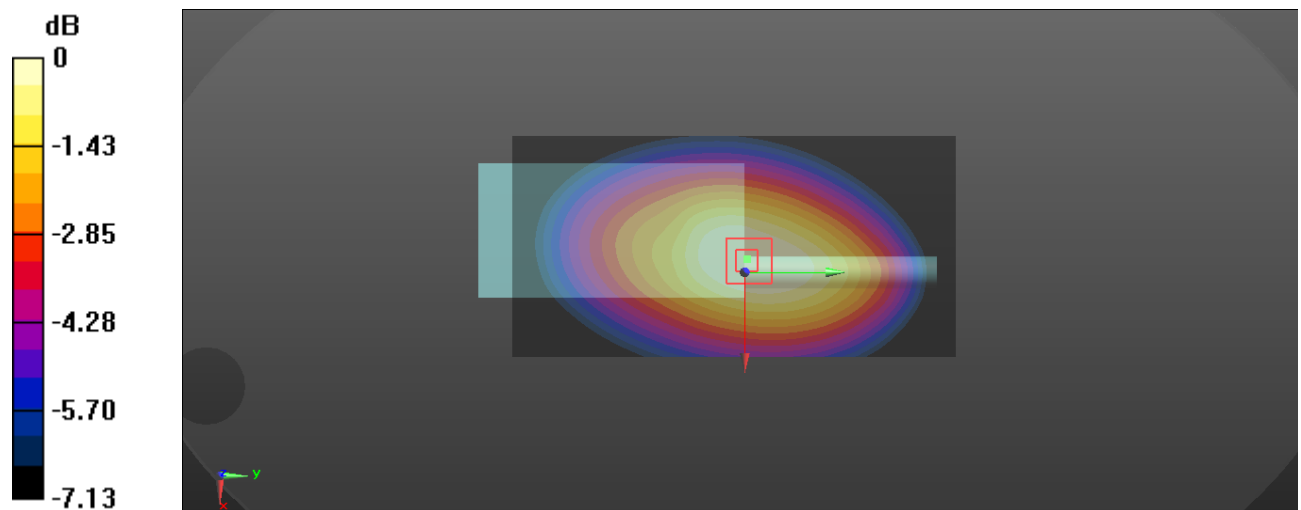
Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 43.972$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 447.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.10 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 101.7 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 10.8 W/kg **SAR(1 g) = 8.27 W/kg ; SAR(10 g) = 6.25 W/kg** Maximum value of SAR (measured) = 8.65 W/kg 0 dB = 8.65 W/kg = 9.37 dBW/kg

Test Plot 13#: 463.9875MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

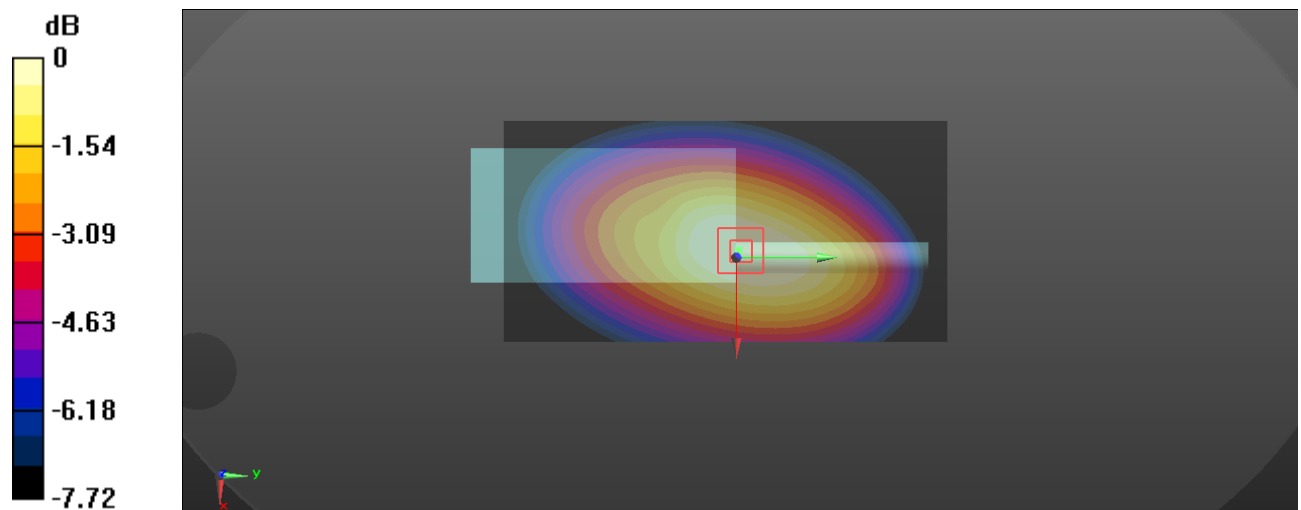
Communication System: FM; Frequency: 463.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 463.988 \text{ MHz}$; $\sigma = 0.884 \text{ S/m}$; $\epsilon_r = 42.859$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 463.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 10.2 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 106.8 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 12.2 W/kg **SAR(1 g) = 9.24 W/kg ; SAR(10 g) = 6.97 W/kg** Maximum value of SAR (measured) = 9.67 W/kg 0 dB = 9.67 W/kg = 9.85 dBW/kg

Test Plot 14#: 479.9875MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

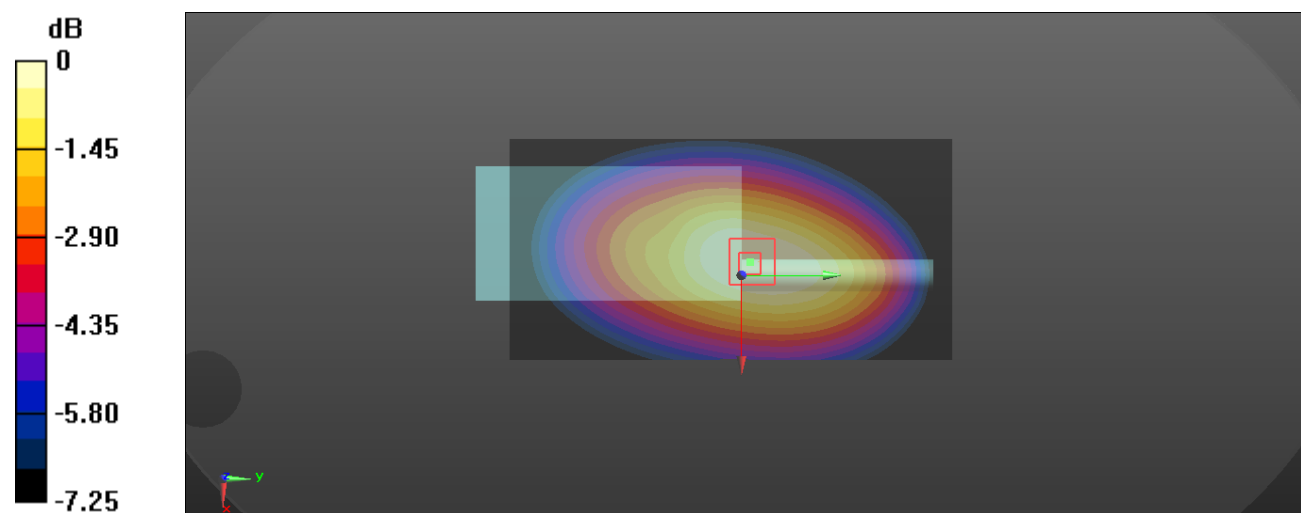
Communication System: FM; Frequency: 479.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 479.988 \text{ MHz}$; $\sigma = 0.895 \text{ S/m}$; $\epsilon_r = 42.294$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.07 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 80.50 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 7.32 W/kg **SAR(1 g) = 5.56 W/kg ; SAR(10 g) = 4.19 W/kg** Maximum value of SAR (measured) = 5.83 W/kg 0 dB = 5.83 W/kg = 7.66 dBW/kg

Test Plot 15#: 416.0125MHz-4FSK_ Face Up**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

Communication System: 4FSK; Frequency: 416.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 44.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.61 W/kg

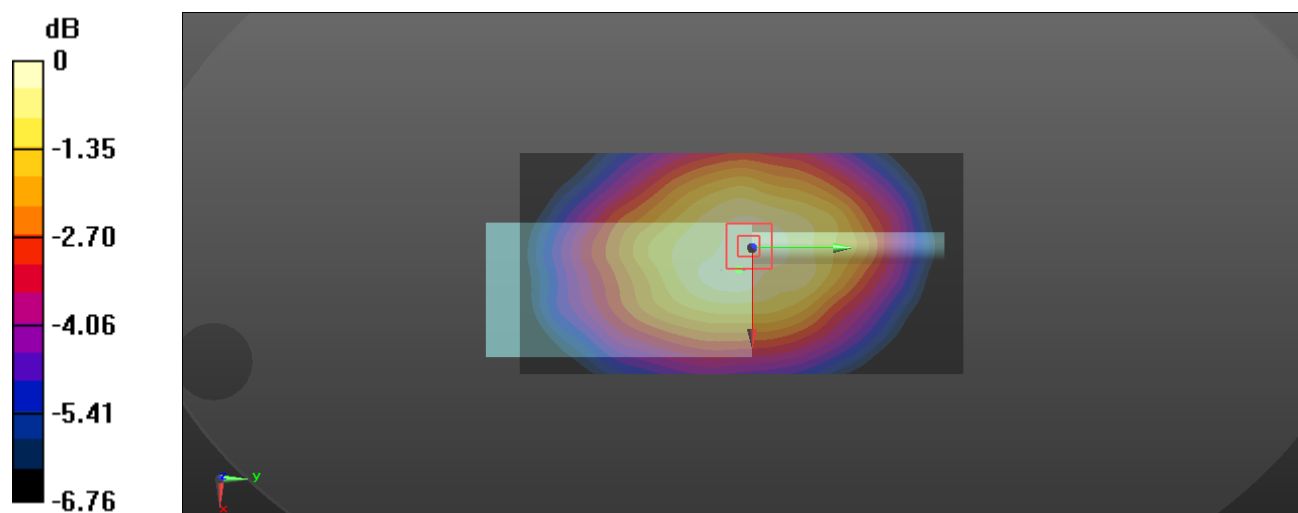
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.60 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 4.77 W/kg

SAR(1 g) = 3.46 W/kg; SAR(10 g) = 2.66 W/kg

Maximum value of SAR (measured) = 3.67 W/kg



0 dB = 3.67 W/kg = 5.65 dBW/kg

Test Plot 16#: 416.0125MHz-4FSK_ Body Back**DUT: Two way radio; Type: T03-00303-GAAA; Serial: LC201150001-GA**

Communication System: 4FSK; Frequency: 416.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 44.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.95 W/kg

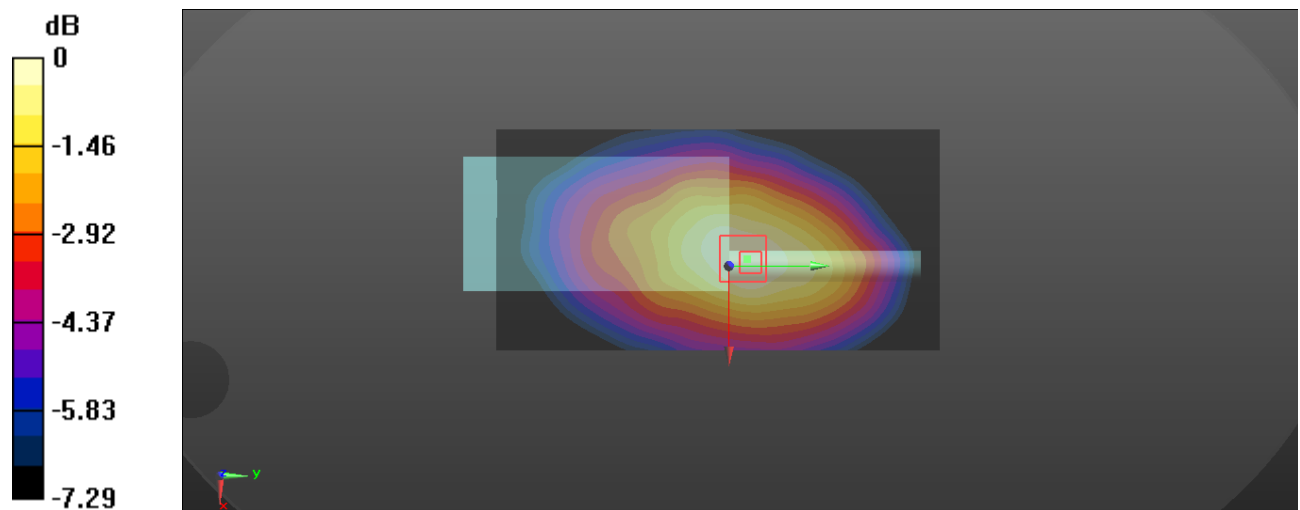
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.34 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 8.32 W/kg

SAR(1 g) = 5.39 W/kg; SAR(10 g) = 4.02 W/kg

Maximum value of SAR (measured) = 5.70 W/kg



0 dB = 5.70 W/kg = 7.56 dBW/kg

Test Plot 17#: 416.0125MHz-12.5KHz_ Face Up**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 44.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.92 W/kg

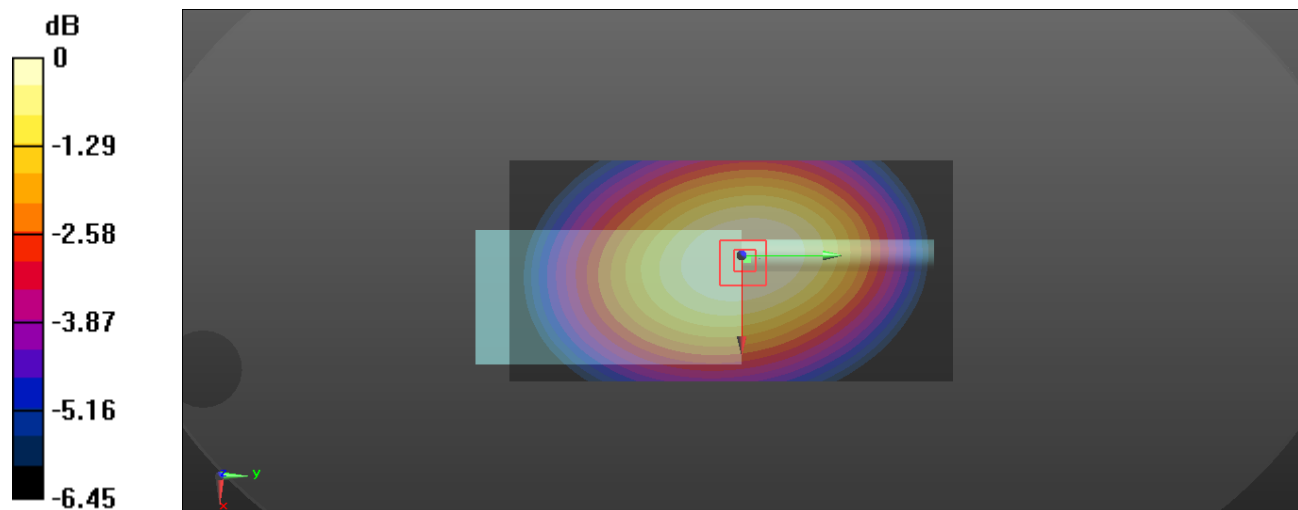
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.84 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 8.02 W/kg

SAR(1 g) = 6.37 W/kg; SAR(10 g) = 4.99 W/kg

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



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

Test Plot 18#: 400.0125MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.841$ S/m; $\epsilon_r = 44.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.6 W/kg

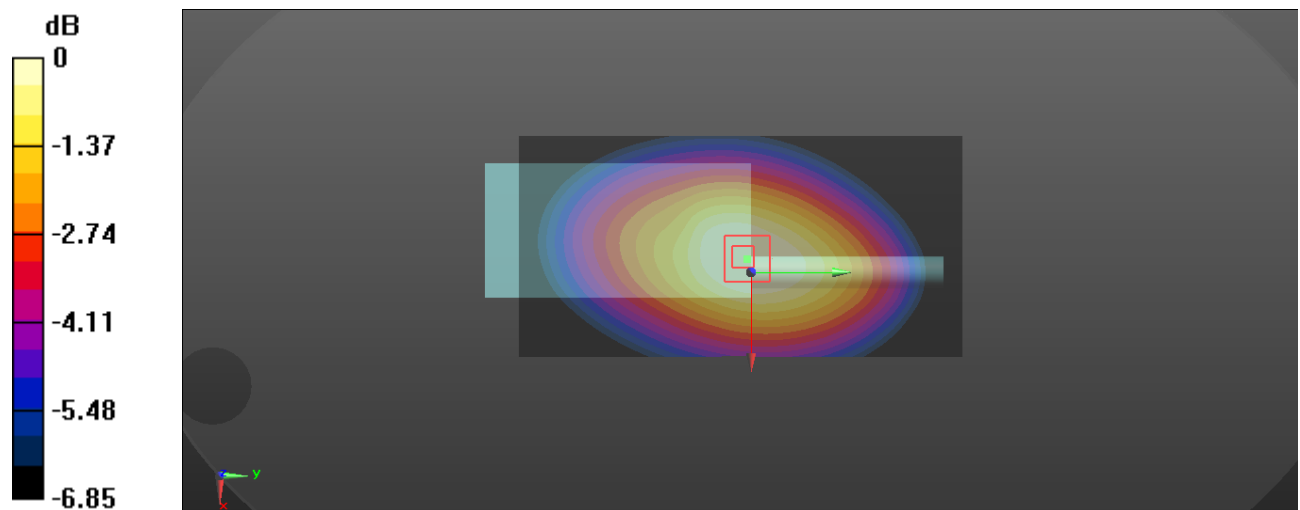
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.5 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 9.52 W/kg; SAR(10 g) = 7.24 W/kg

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



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

Test Plot 19#: 416.0125MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

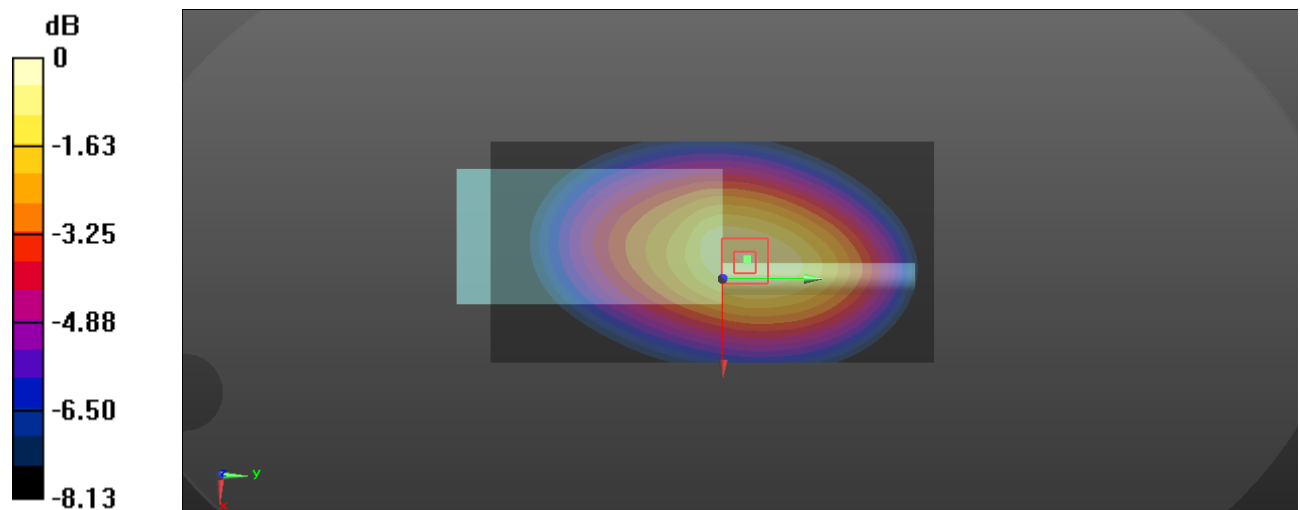
Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012 \text{ MHz}$; $\sigma = 0.846 \text{ S/m}$; $\epsilon_r = 44.356$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 10.9 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 111.8 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 15.9 W/kg **SAR(1 g) = 11.1 W/kg ; SAR(10 g) = 8.18 W/kg** Maximum value of SAR (measured) = 12.3 W/kg 0 dB = 12.3 W/kg = 10.90 dBW/kg

Test Plot 20#: 432.0125MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

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

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 44.225$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.9 W/kg

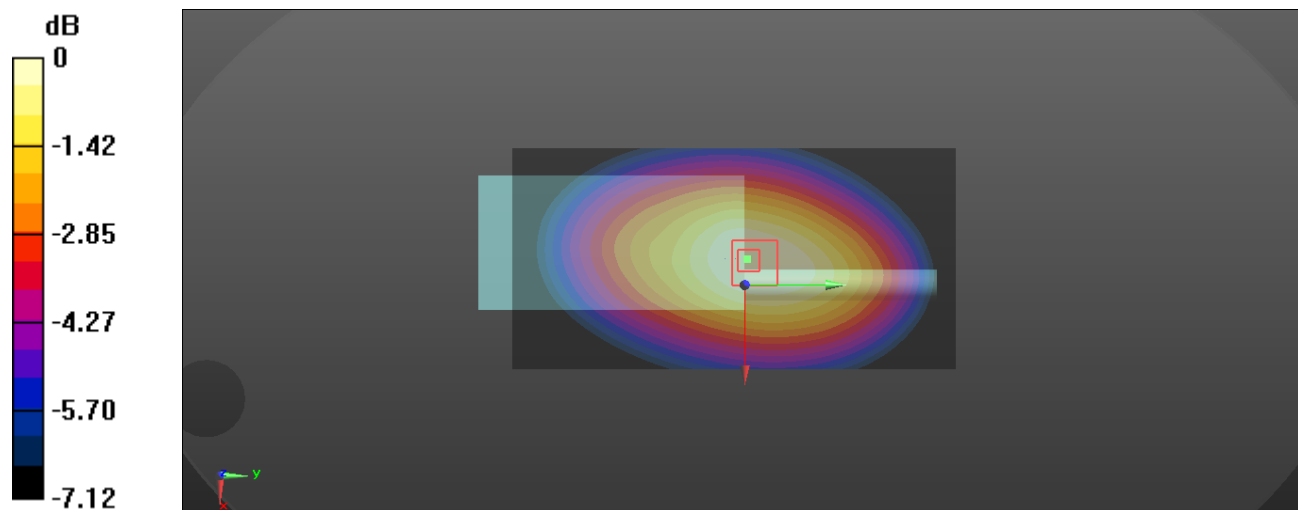
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.3 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 13.0 W/kg

SAR(1 g) = 9.92 W/kg; SAR(10 g) = 7.51 W/kg

Maximum value of SAR (measured) = 10.4 W/kg



0 dB = 10.4 W/kg = 10.17 dBW/kg

Test Plot 21#: 447.9875MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

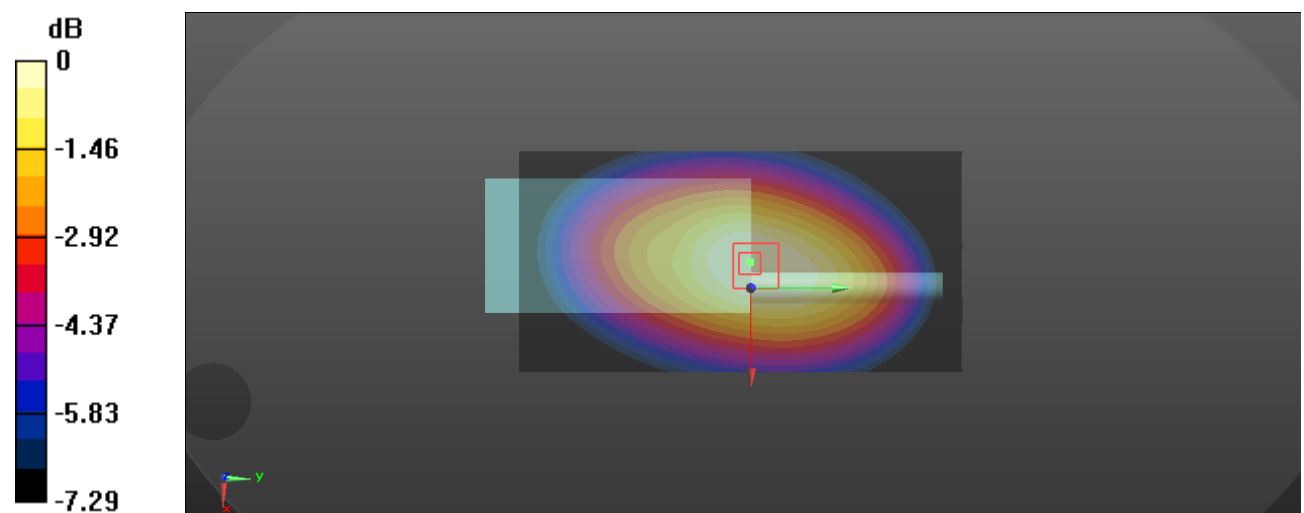
Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 43.972$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 447.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.80 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 103.0 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 11.7 W/kg **SAR(1 g) = 8.9 W/kg ; SAR(10 g) = 6.7 W/kg** Maximum value of SAR (measured) = 9.35 W/kg 0 dB = 9.35 W/kg = 9.71 dBW/kg

Test Plot 22#: 463.9875MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

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

Medium parameters used: $f = 463.988$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 42.859$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 463.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.58 W/kg

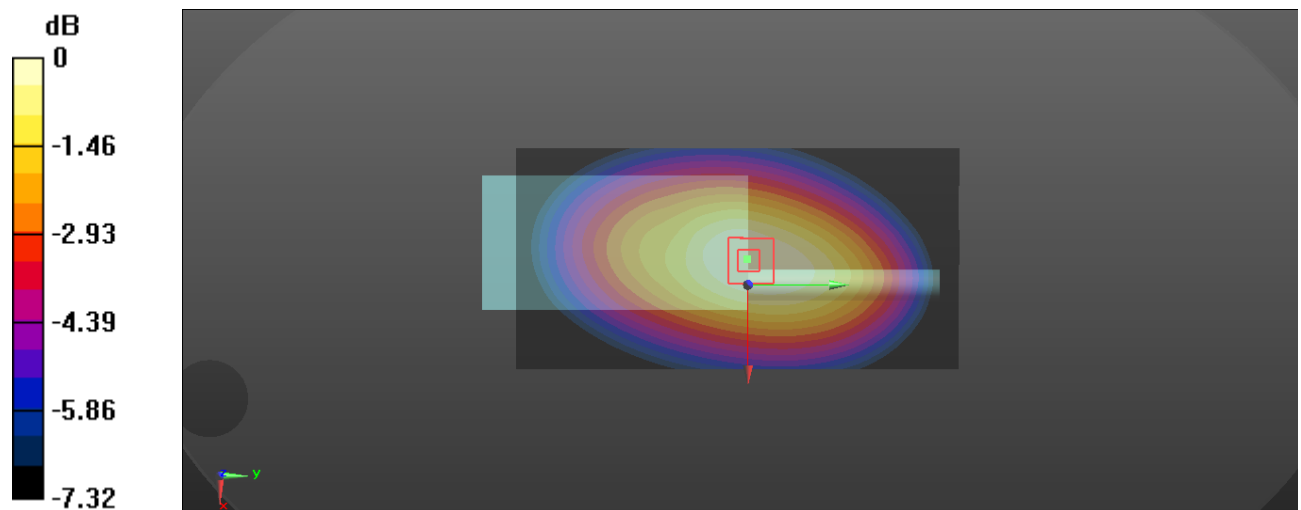
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.3 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 8.82 W/kg; SAR(10 g) = 6.63 W/kg

Maximum value of SAR (measured) = 9.24 W/kg



0 dB = 9.24 W/kg = 9.66 dBW/kg

Test Plot 23#: 479.9875MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

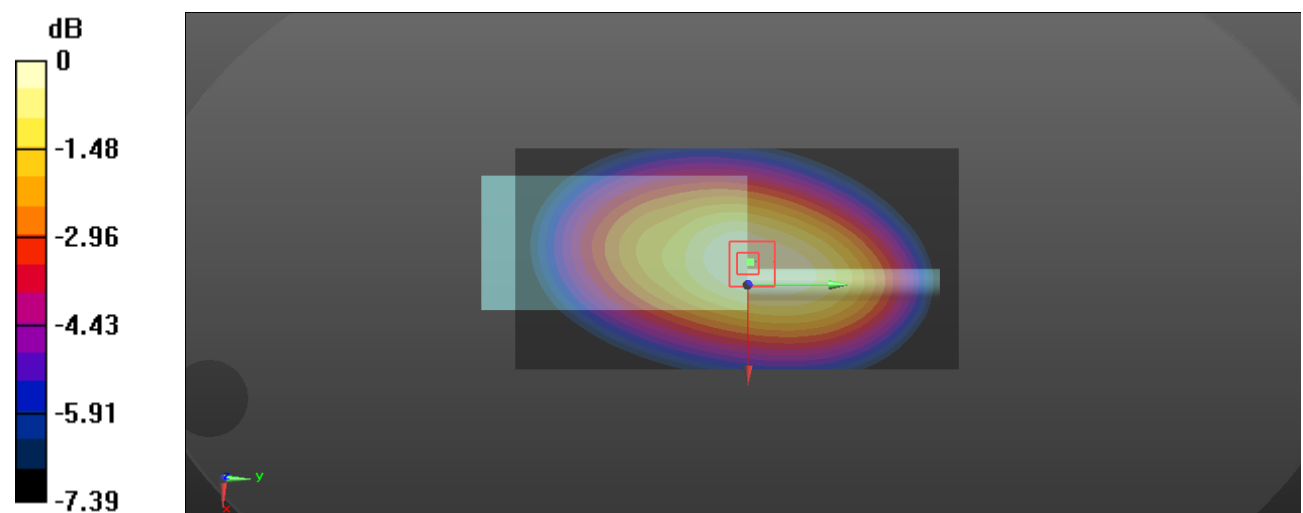
Communication System: FM; Frequency: 479.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 479.988 \text{ MHz}$; $\sigma = 0.895 \text{ S/m}$; $\epsilon_r = 42.294$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.73 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 82.87 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 8.28 W/kg **SAR(1 g) = 6.27 W/kg ; SAR(10 g) = 4.7 W/kg** Maximum value of SAR (measured) = 6.56 W/kg 0 dB = 6.56 W/kg = 8.17 dBW/kg

Test Plot 24#: 416.0125MHz-25KHz_ Face Up**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 44.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

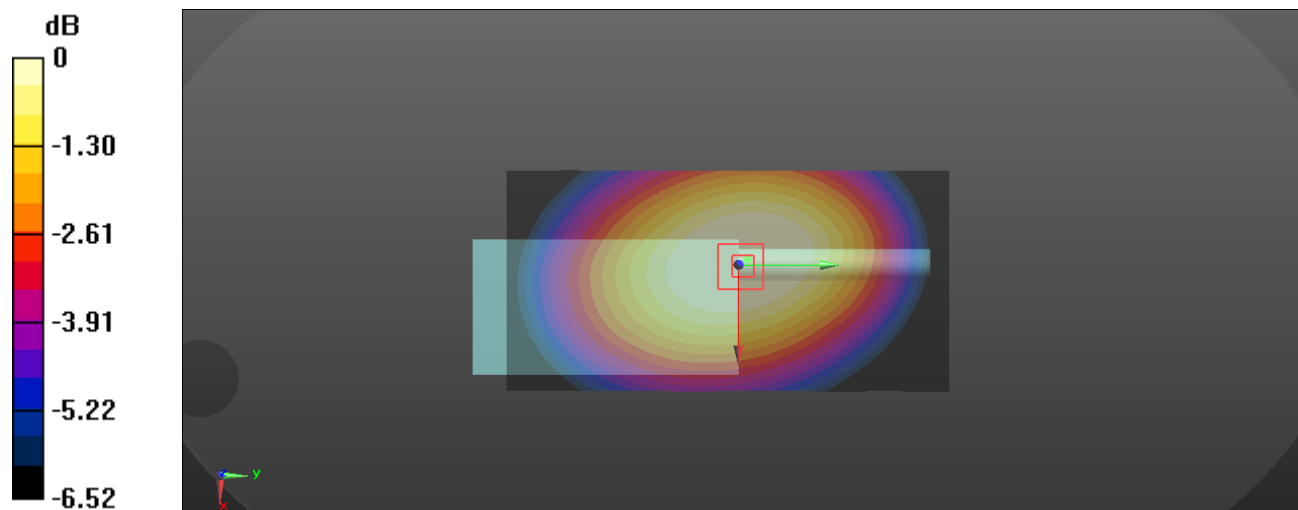
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.36 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 8.41 W/kg

SAR(1 g) = 6.68 W/kg; SAR(10 g) = 5.24 W/kg

Maximum value of SAR (measured) = 6.93 W/kg



0 dB = 6.93 W/kg = 8.41 dBW/kg

Test Plot 25#: 400.0125MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.841$ S/m; $\epsilon_r = 44.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.4 W/kg

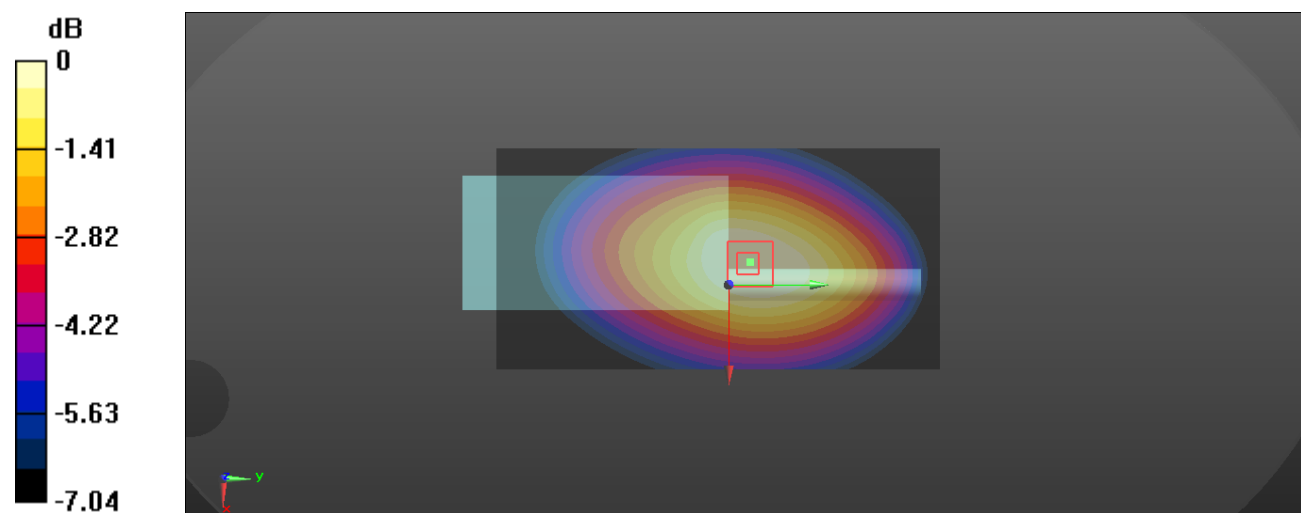
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 112.6 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 13.5 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 7.92 W/kg

Maximum value of SAR (measured) = 10.8 W/kg



0 dB = 10.8 W/kg = 10.33 dBW/kg

Test Plot 26#: 416.0125MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

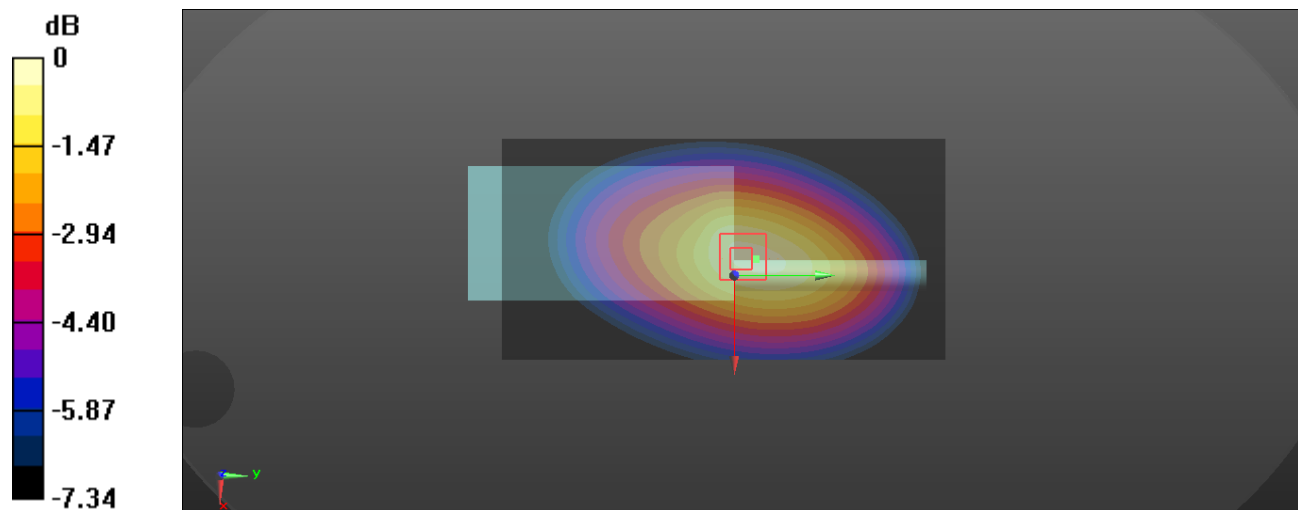
Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012 \text{ MHz}$; $\sigma = 0.846 \text{ S/m}$; $\epsilon_r = 44.356$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 10.5 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 109.4 V/m ; Power Drift = 0.15 dB Peak SAR (extrapolated) = 14.1 W/kg **SAR(1 g) = 10.8 W/kg ; SAR(10 g) = 8.18 W/kg** Maximum value of SAR (measured) = 11.3 W/kg 0 dB = 11.3 W/kg = 10.53 dBW/kg

Test Plot 27#: 432.0125MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

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

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 44.225$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.7 W/kg

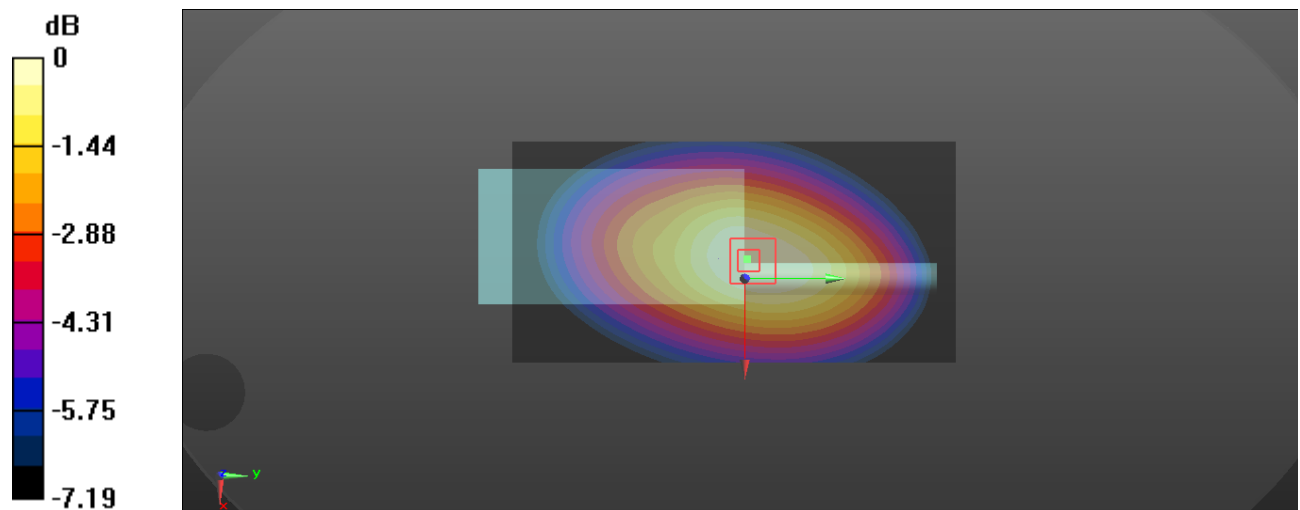
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.3 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 12.9 W/kg

SAR(1 g) = 9.87 W/kg; SAR(10 g) = 7.45 W/kg

Maximum value of SAR (measured) = 10.3 W/kg



0 dB = 10.3 W/kg = 10.13 dBW/kg

Test Plot 28#: 447.9875MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

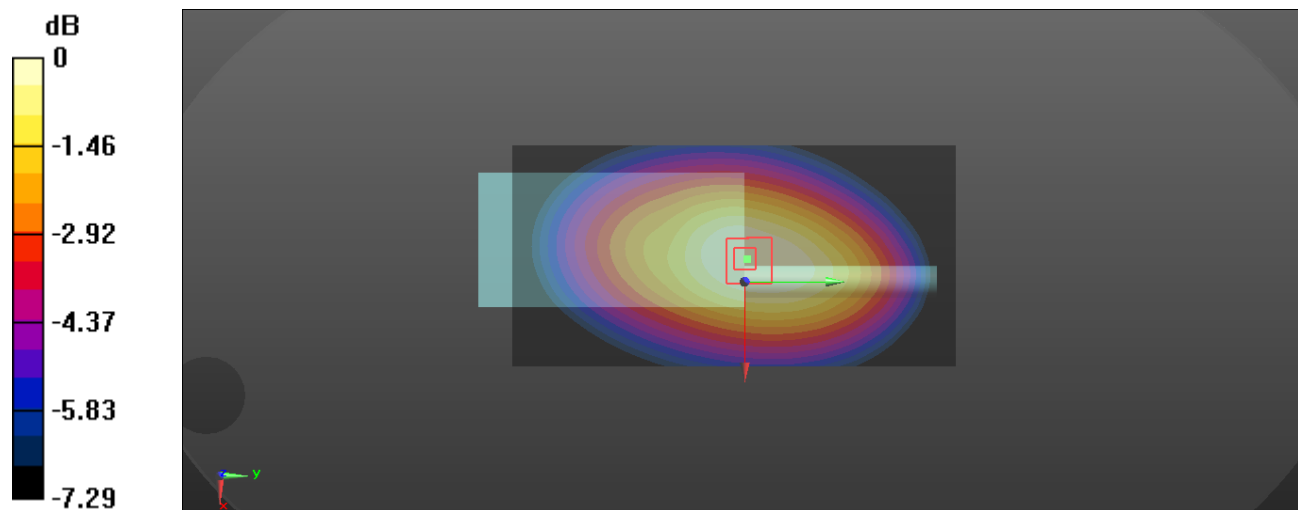
Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988 \text{ MHz}$; $\sigma = 0.859 \text{ S/m}$; $\epsilon_r = 43.972$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 447.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.69 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 102.5 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 11.6 W/kg **SAR(1 g) = 8.82 W/kg ; SAR(10 g) = 6.62 W/kg** Maximum value of SAR (measured) = 9.24 W/kg 0 dB = 9.24 W/kg = 9.66 dBW/kg

Test Plot 29#: 463.9875MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

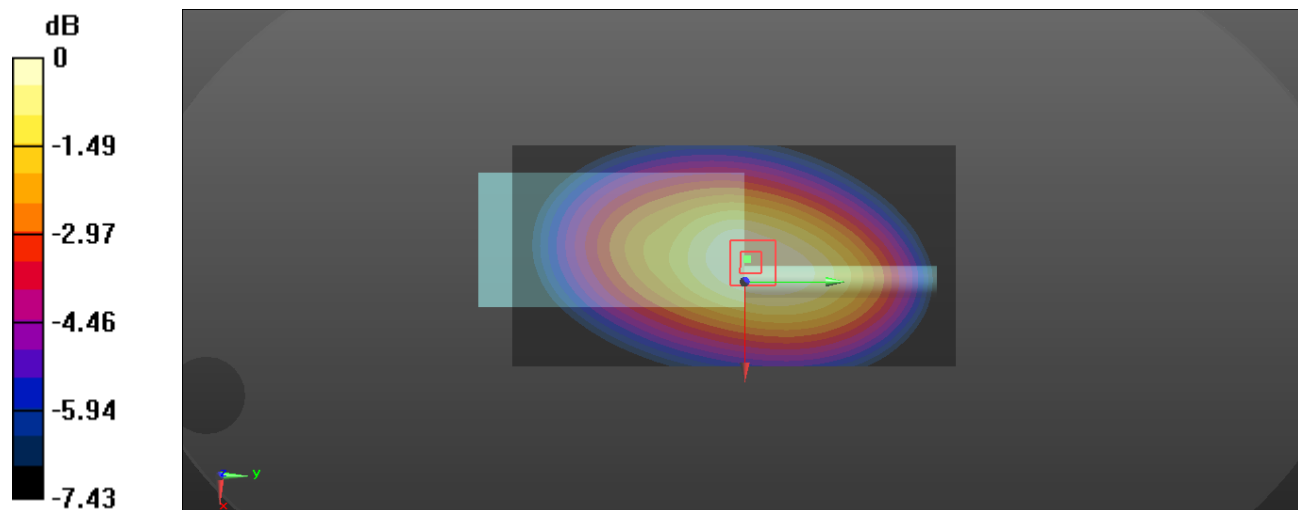
Communication System: FM; Frequency: 463.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 463.988 \text{ MHz}$; $\sigma = 0.884 \text{ S/m}$; $\epsilon_r = 42.859$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 463.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.61 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 100.4 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 11.8 W/kg **SAR(1 g) = 8.87 W/kg ; SAR(10 g) = 6.64 W/kg** Maximum value of SAR (measured) = 9.31 W/kg 0 dB = 9.31 W/kg = 9.69 dBW/kg

Test Plot 30#: 479.9875MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

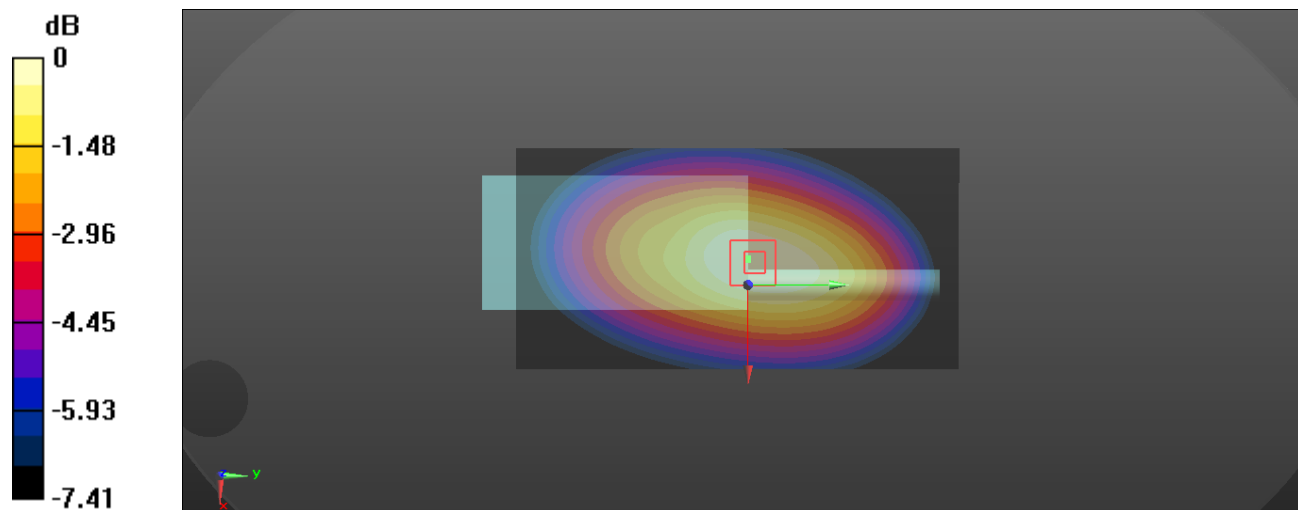
Communication System: FM; Frequency: 479.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 479.988 \text{ MHz}$; $\sigma = 0.895 \text{ S/m}$; $\epsilon_r = 42.294$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.72 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 81.71 V/m ; Power Drift = -0.02 dB Peak SAR (extrapolated) = 8.26 W/kg **SAR(1 g) = 6.22 W/kg ; SAR(10 g) = 4.65 W/kg** Maximum value of SAR (measured) = 6.50 W/kg 0 dB = 6.50 W/kg = 8.13 dBW/kg

Test Plot 31#: 416.0125MHz-4FSK_ Face Up**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

Communication System: 4FSK; Frequency: 416.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 44.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.29 W/kg

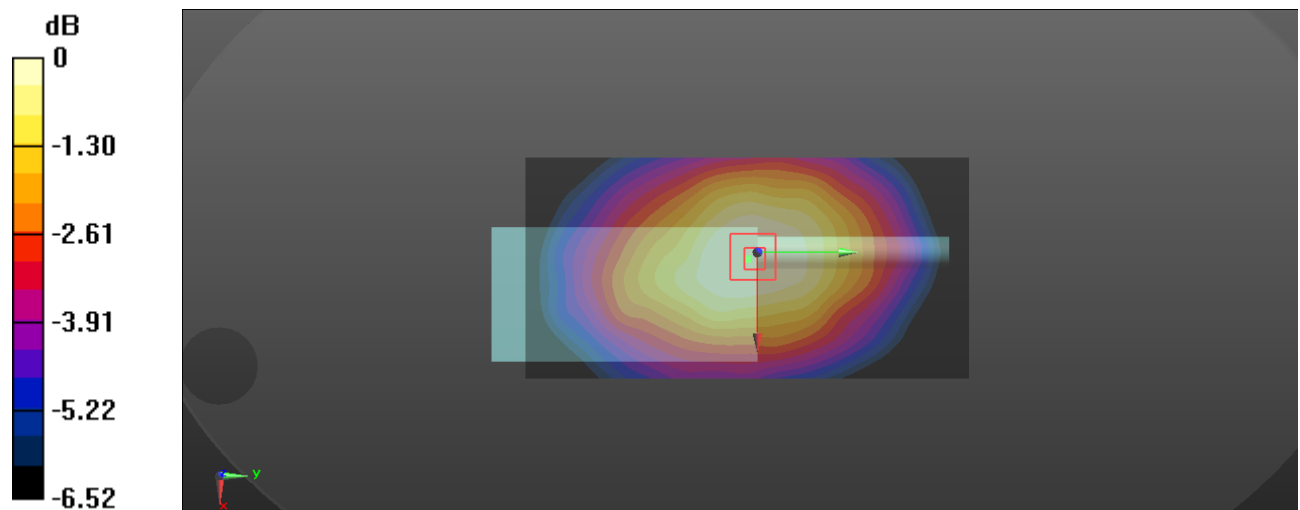
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.57 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.95 W/kg

SAR(1 g) = 3.76 W/kg; SAR(10 g) = 2.93 W/kg

Maximum value of SAR (measured) = 4.11 W/kg



0 dB = 4.11 W/kg = 6.14 dBW/kg

Test Plot 32#: 416.0125MHz-4FSK_ Body Back**DUT: Two way radio; Type: T03-00303-GBAA; Serial: LC201150001-GB**

Communication System: 4FSK; Frequency: 416.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 44.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

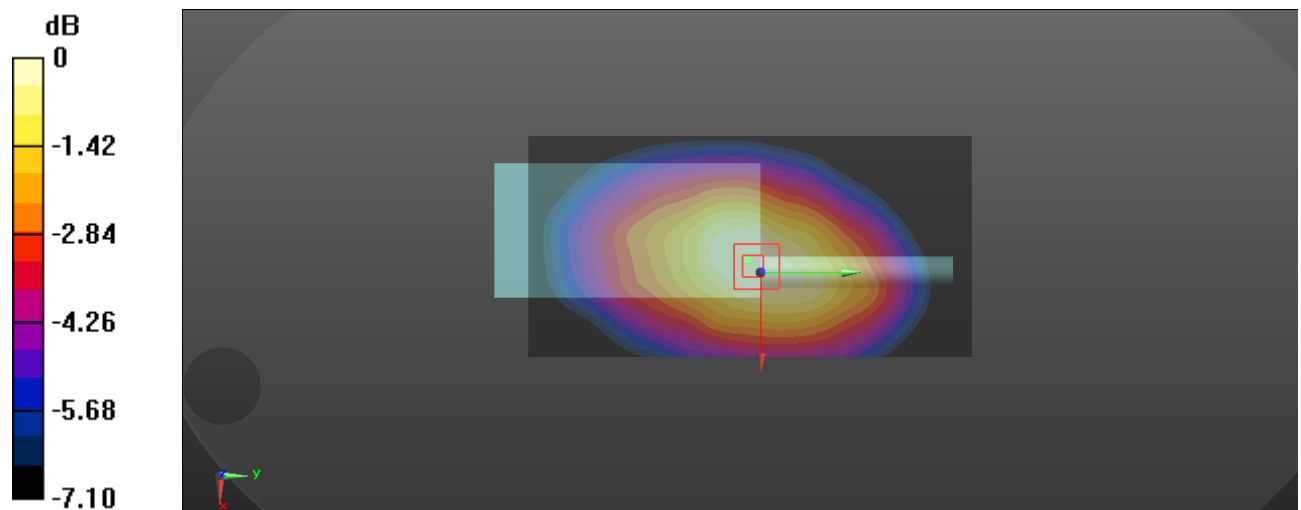
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.15 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 8.46 W/kg

SAR(1 g) = 6.2 W/kg; SAR(10 g) = 4.67 W/kg

Maximum value of SAR (measured) = 6.56 W/kg



0 dB = 6.56 W/kg = 8.17 dBW/kg

Test Plot 33#: 416.0125MHz-12.5KHz_ Face Up**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 44.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.28 W/kg

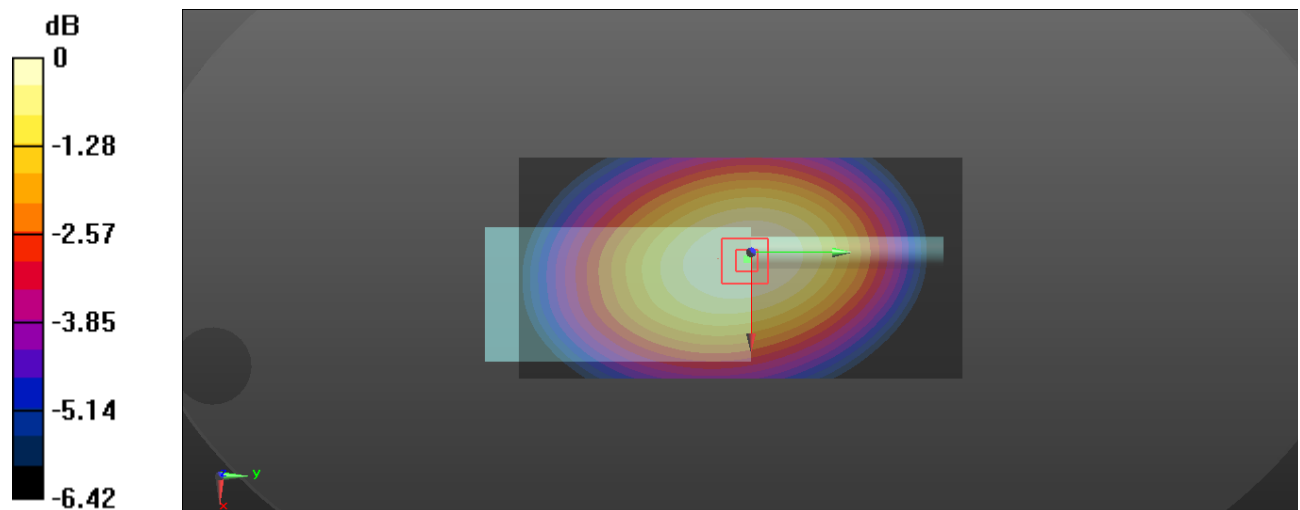
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.13 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.48 W/kg

SAR(1 g) = 6.12 W/kg; SAR(10 g) = 4.81 W/kg

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



0 dB = 7.07 W/kg = 8.49 dBW/kg

Test Plot 34#: 400.0125MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 45.098$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.7 W/kg

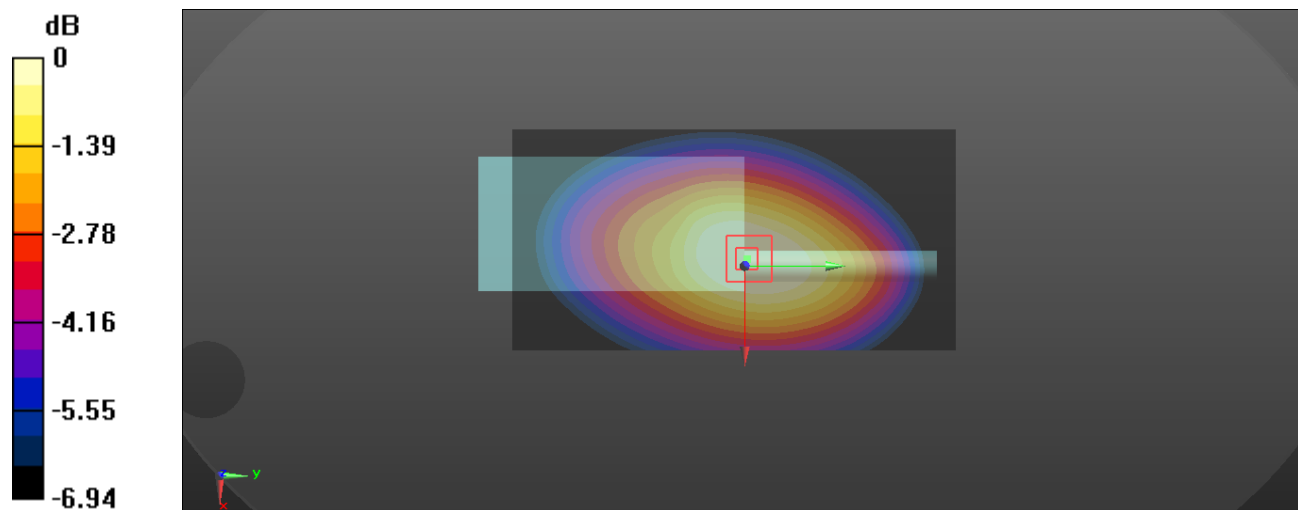
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 111.1 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 12.4 W/kg

SAR(1 g) = 9.58 W/kg; SAR(10 g) = 7.3 W/kg

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



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

Test Plot 35#: 416.0125MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 44.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

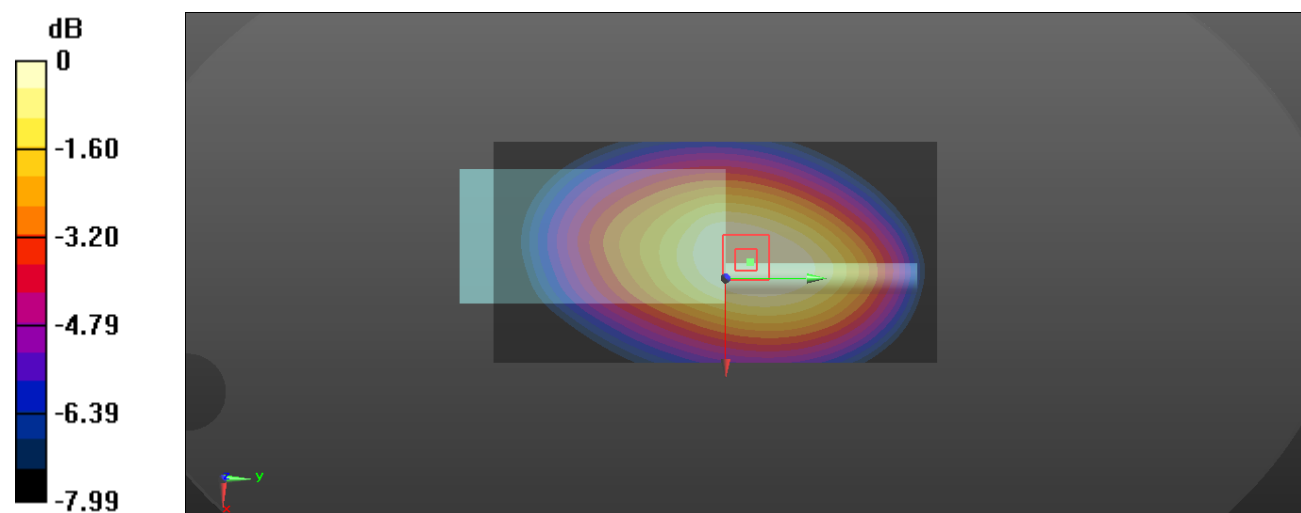
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 122.4 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 14.9 W/kg

SAR(1 g) = 11.1 W/kg; SAR(10 g) = 8.13 W/kg

Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.6 W/kg = 10.64 dBW/kg

Test Plot 36#: 432.0125MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

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

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 44.43$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

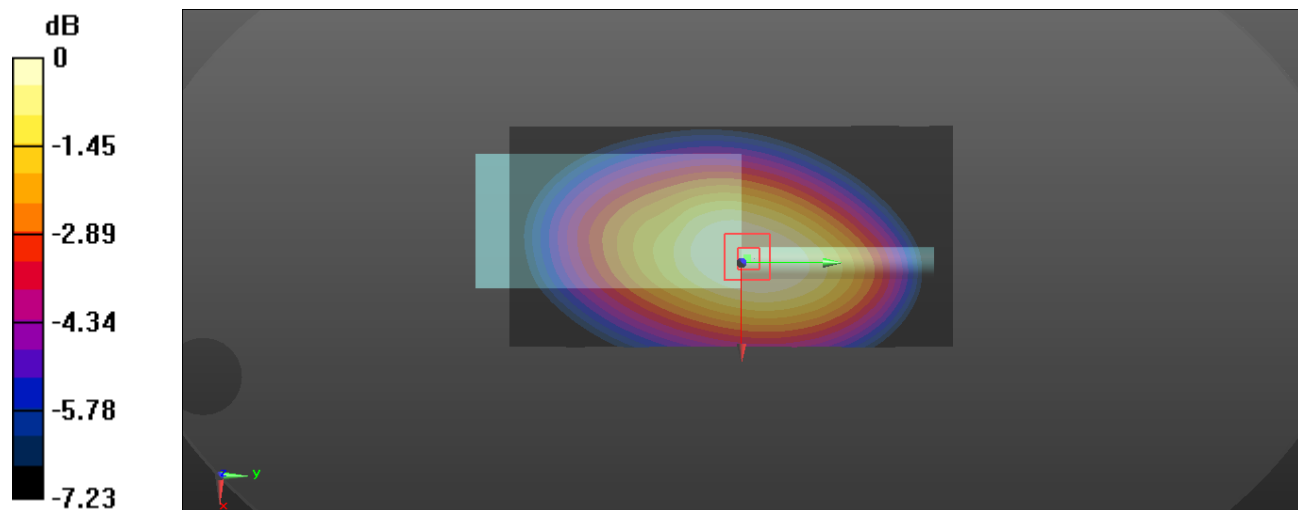
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 116.6 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 13.7 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 7.89 W/kg

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



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

Test Plot 37#: 447.9875MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

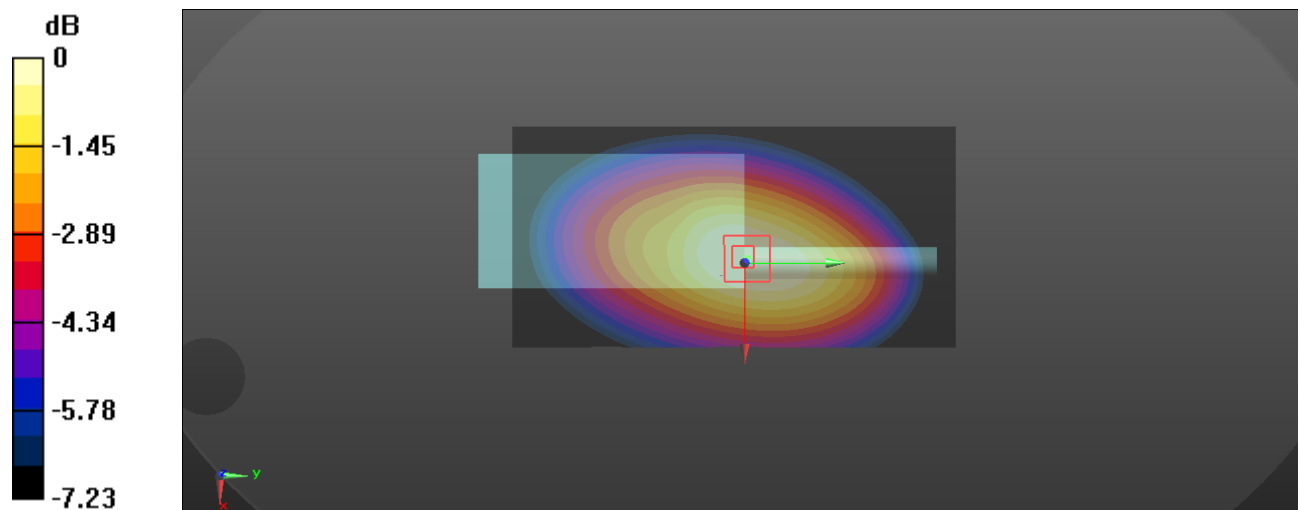
Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 44.183$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 447.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.39 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 100.7 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 11.3 W/kg **SAR(1 g) = 8.62 W/kg ; SAR(10 g) = 6.49 W/kg** Maximum value of SAR (measured) = 9.03 W/kg 0 dB = 9.03 W/kg = 9.56 dBW/kg

Test Plot 38#: 463.9875MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

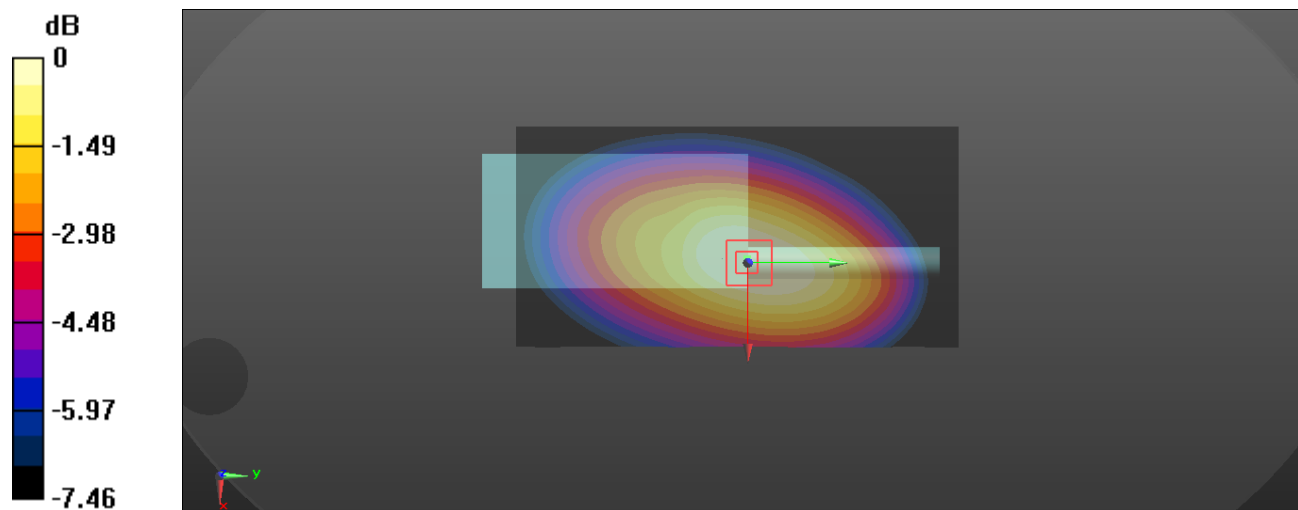
Communication System: FM; Frequency: 463.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 463.988 \text{ MHz}$; $\sigma = 0.896 \text{ S/m}$; $\epsilon_r = 43.267$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 463.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.70 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 104.6 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 11.7 W/kg **SAR(1 g) = 8.84 W/kg ; SAR(10 g) = 6.63 W/kg** Maximum value of SAR (measured) = 9.25 W/kg  $0 \text{ dB} = 9.25 \text{ W/kg} = 9.66 \text{ dBW/kg}$

Test Plot 39#: 479.9875MHz-12.5KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

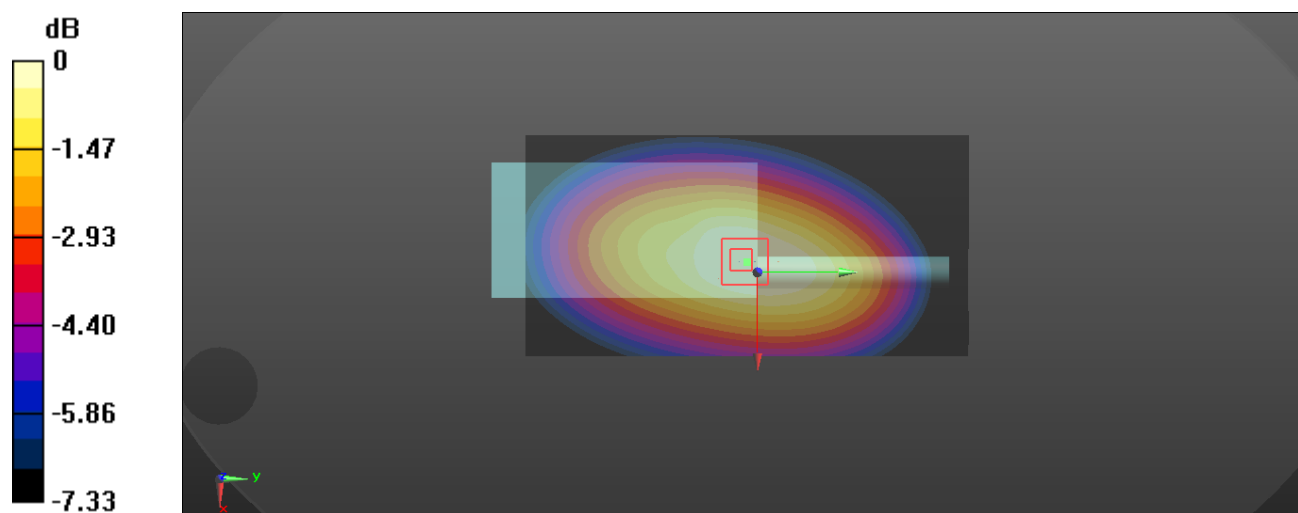
Communication System: FM; Frequency: 479.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 479.988 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 43.136$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.78 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 93.76 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 9.38 W/kg **SAR(1 g) = 7.05 W/kg ; SAR(10 g) = 5.27 W/kg** Maximum value of SAR (measured) = 7.38 W/kg 0 dB = 7.38 W/kg = 8.68 dBW/kg

Test Plot 40#: 416.0125MHz-25KHz_ Face Up**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 44.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.75 W/kg

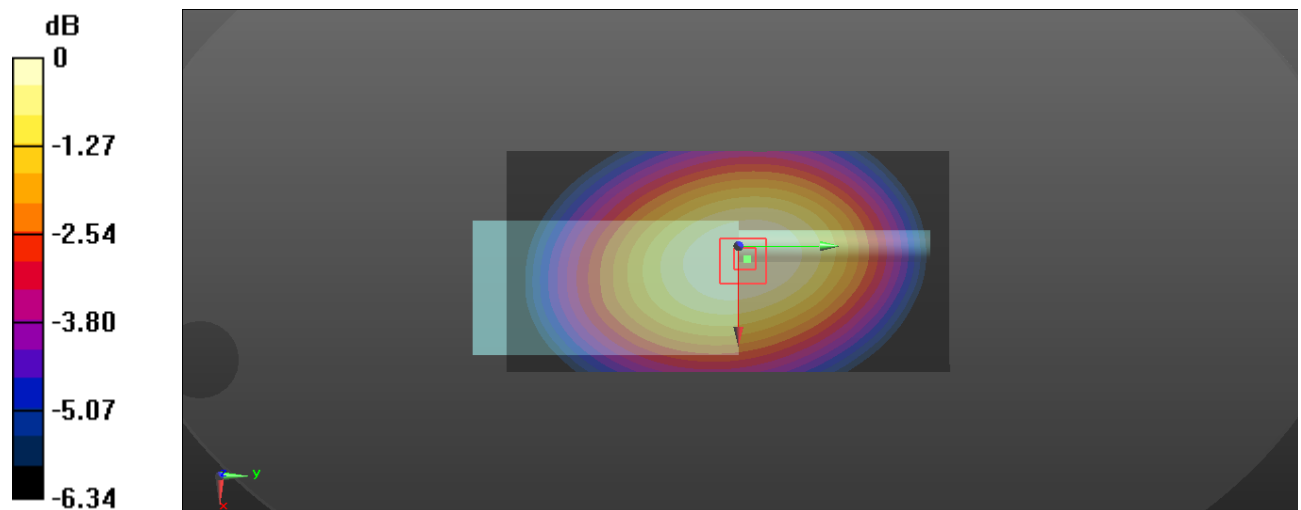
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.90 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 8.97 W/kg

SAR(1 g) = 5.97 W/kg; SAR(10 g) = 4.69 W/kg

Maximum value of SAR (measured) = 7.50 W/kg



0 dB = 7.50 W/kg = 8.75 dBW/kg

Test Plot 41#: 400.0125MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 45.098$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.4 W/kg

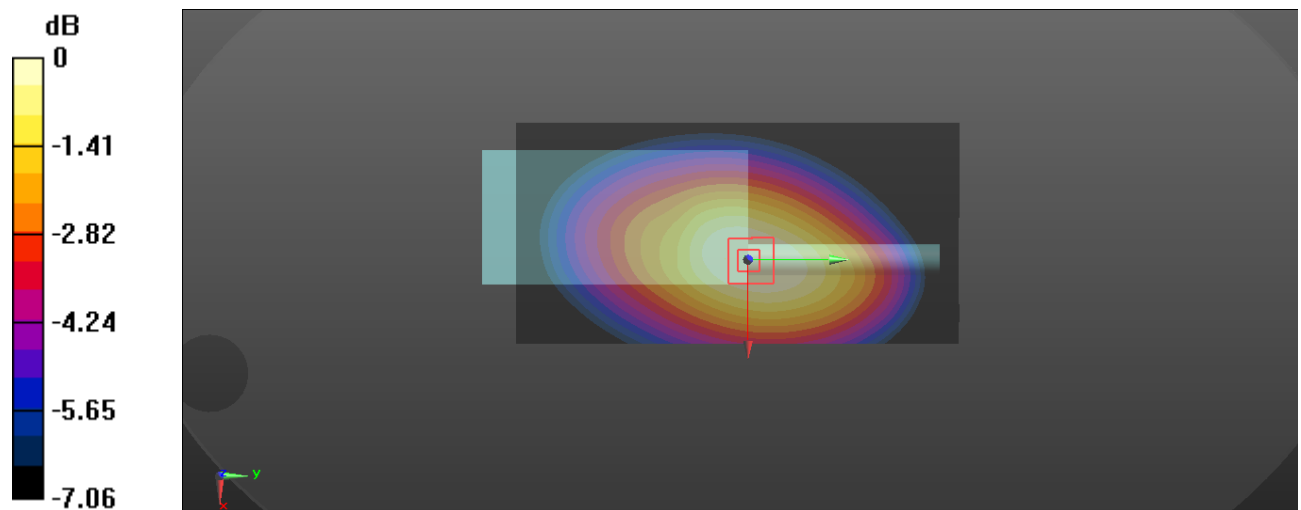
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 114.6 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 13.5 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 7.88 W/kg

Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 10.9 W/kg = 10.37 dBW/kg

Test Plot 42#: 416.0125MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

Communication System: FM; Frequency: 416.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 44.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.2 W/kg

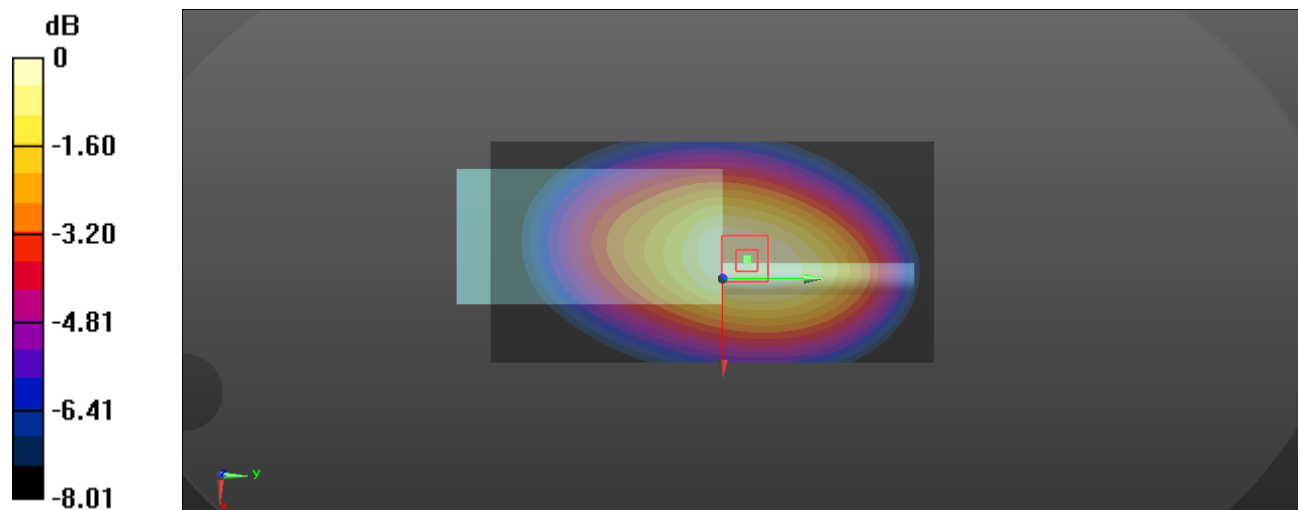
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 109.7 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 14.2 W/kg

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

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



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

Test Plot 43#: 432.0125MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

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

Medium parameters used: $f = 432.012$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 44.43$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.2 W/kg

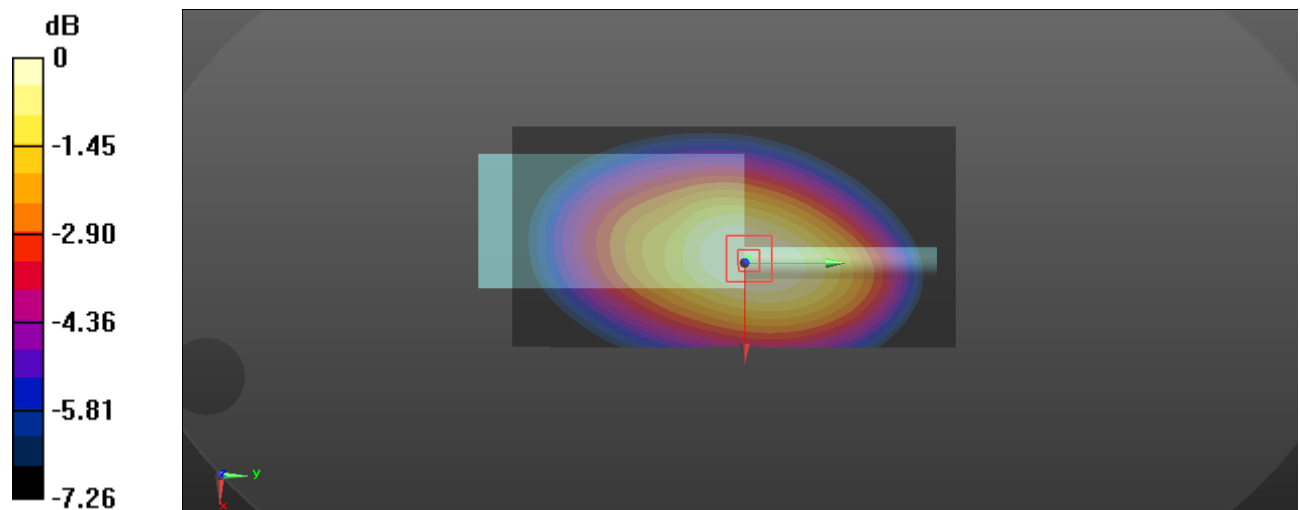
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.4 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 9.37 W/kg; SAR(10 g) = 7.05 W/kg

Maximum value of SAR (measured) = 9.85 W/kg



0 dB = 9.85 W/kg = 9.93 dBW/kg

Test Plot 44#: 447.9875MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

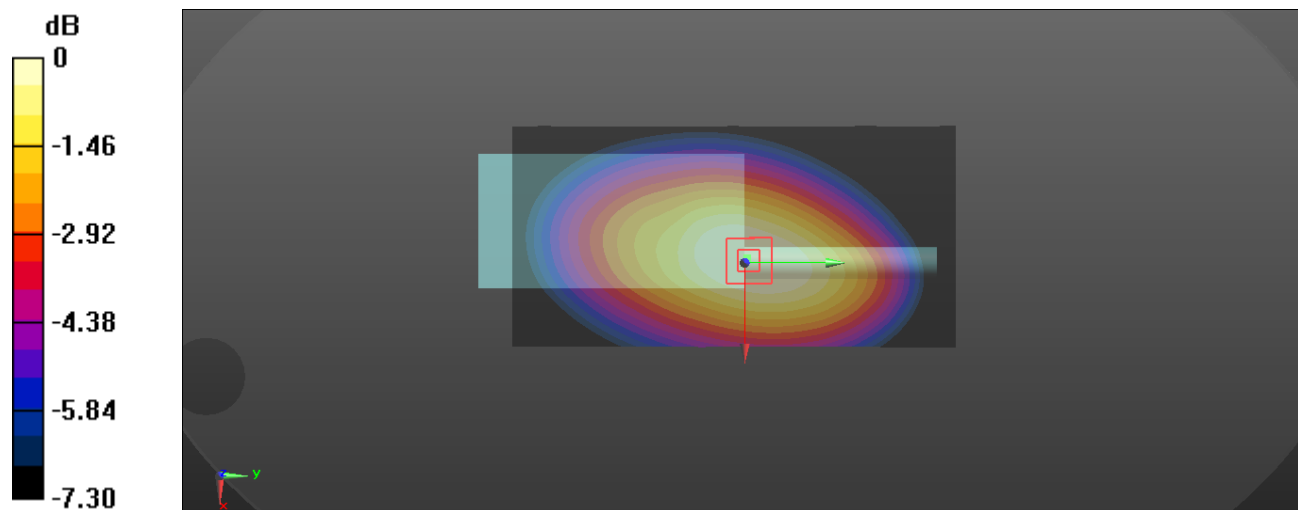
Communication System: FM; Frequency: 447.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 447.988 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 44.183$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 447.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.77 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 106.2 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 11.6 W/kg **SAR(1 g) = 8.82 W/kg ; SAR(10 g) = 6.63 W/kg** Maximum value of SAR (measured) = 9.24 W/kg 0 dB = 9.24 W/kg = 9.66 dBW/kg

Test Plot 45#: 463.9875MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

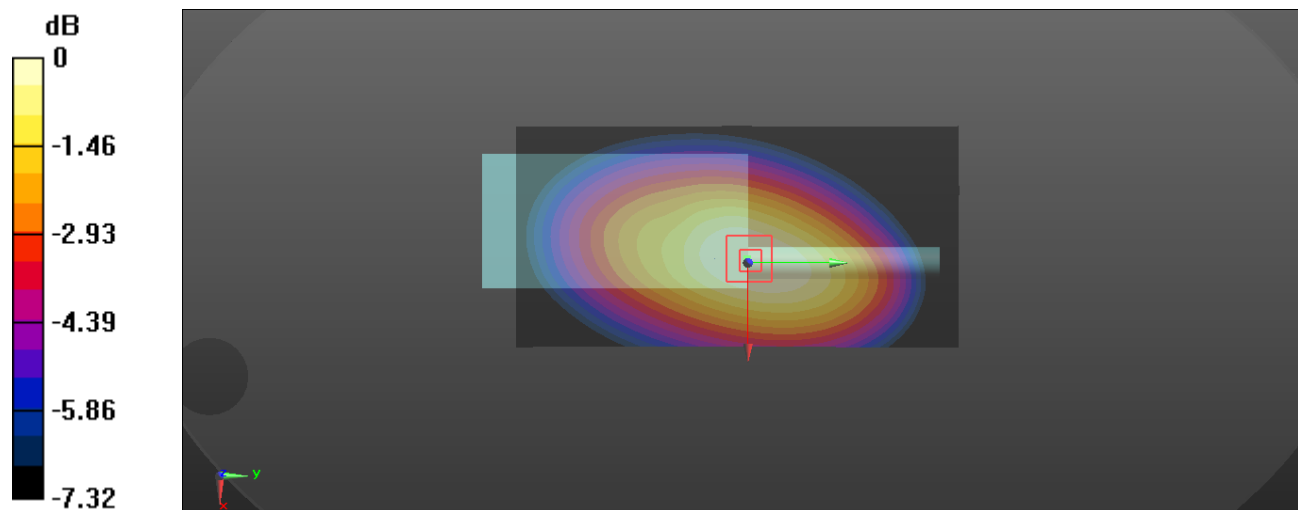
Communication System: FM; Frequency: 463.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 463.988 \text{ MHz}$; $\sigma = 0.896 \text{ S/m}$; $\epsilon_r = 43.267$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 463.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.80 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 105.1 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 12.0 W/kg **SAR(1 g) = 9.05 W/kg ; SAR(10 g) = 6.79 W/kg** Maximum value of SAR (measured) = 9.48 W/kg 0 dB = 9.48 W/kg = 9.77 dBW/kg

Test Plot 46#: 479.9875MHz-25KHz_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

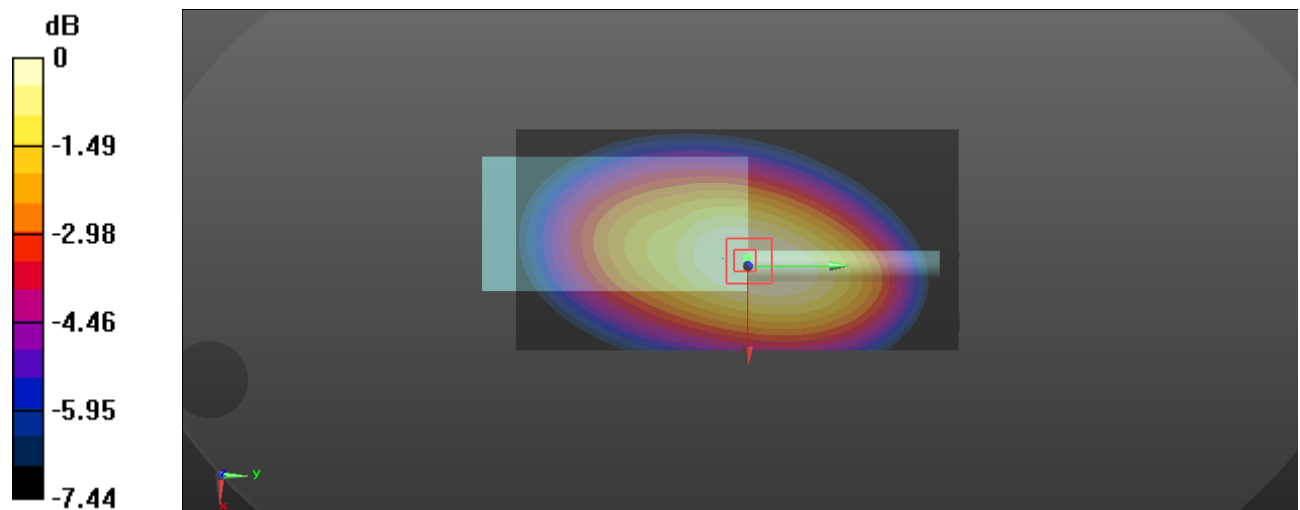
Communication System: FM; Frequency: 479.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 479.988 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 43.136$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.60 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 85.20 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 7.95 W/kg **SAR(1 g) = 5.97 W/kg ; SAR(10 g) = 4.47 W/kg** Maximum value of SAR (measured) = 6.26 W/kg 0 dB = 6.26 W/kg = 7.97 dBW/kg

Test Plot 47#: 416.0125MHz-4FSK_ Face Up**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

Communication System: 4FSK; Frequency: 416.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 44.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.45 W/kg

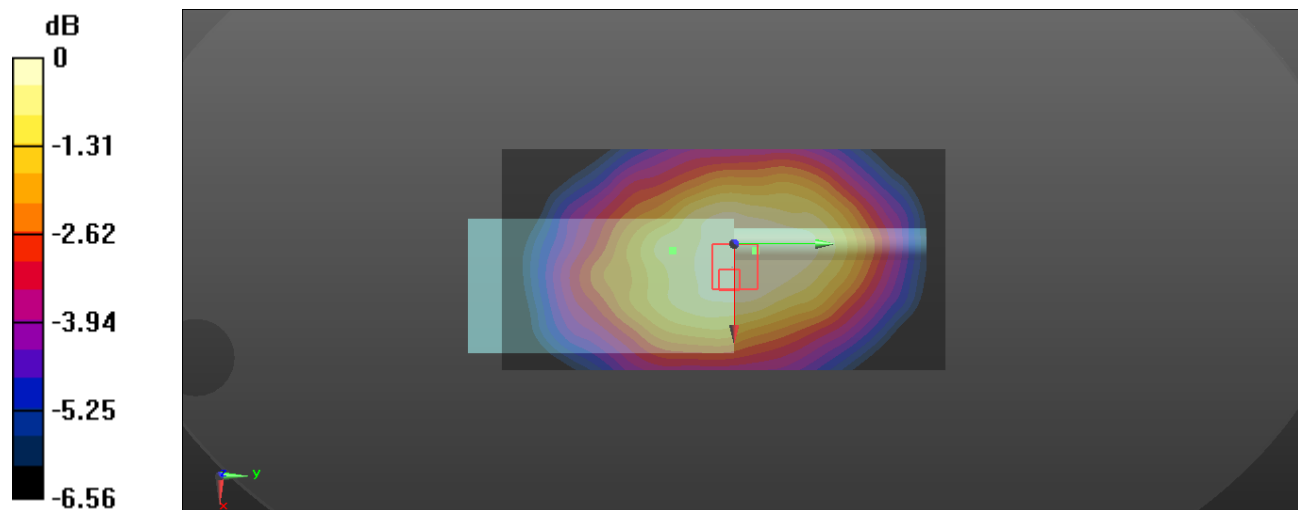
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 69.94 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.77 W/kg

SAR(1 g) = 3.88 W/kg; SAR(10 g) = 3.07 W/kg

Maximum value of SAR (measured) = 4.05 W/kg



0 dB = 4.05 W/kg = 6.07 dBW/kg

Test Plot 48#: 416.0125MHz-4FSK_ Body Back**DUT: Two way radio; Type: T03-00303-GCAA; Serial: LC201150001-GC**

Communication System: 4FSK; Frequency: 416.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 416.012$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 44.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.49 W/kg

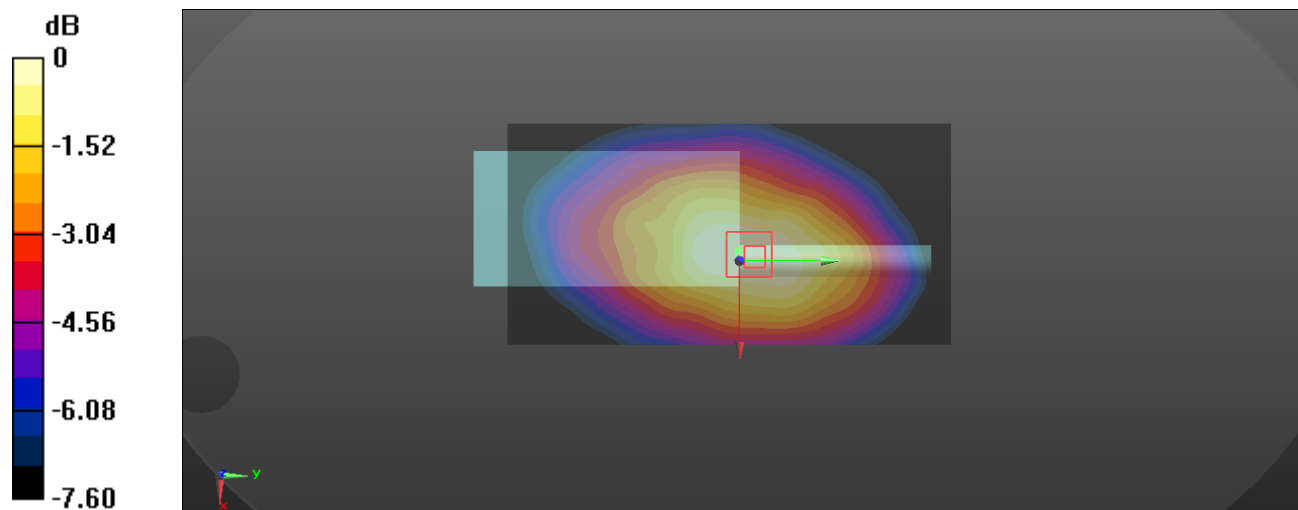
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.14 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 9.61 W/kg

SAR(1 g) = 6.72 W/kg; SAR(10 g) = 5.01 W/kg

Maximum value of SAR (measured) = 7.03 W/kg



0 dB = 7.03 W/kg = 8.47 dBW/kg