

Test Plot 1#:FM_12.5kHz_136.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 136.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.724$ S/m; $\epsilon_r = 53.591$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 136.012 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) = 0.933 W/kg

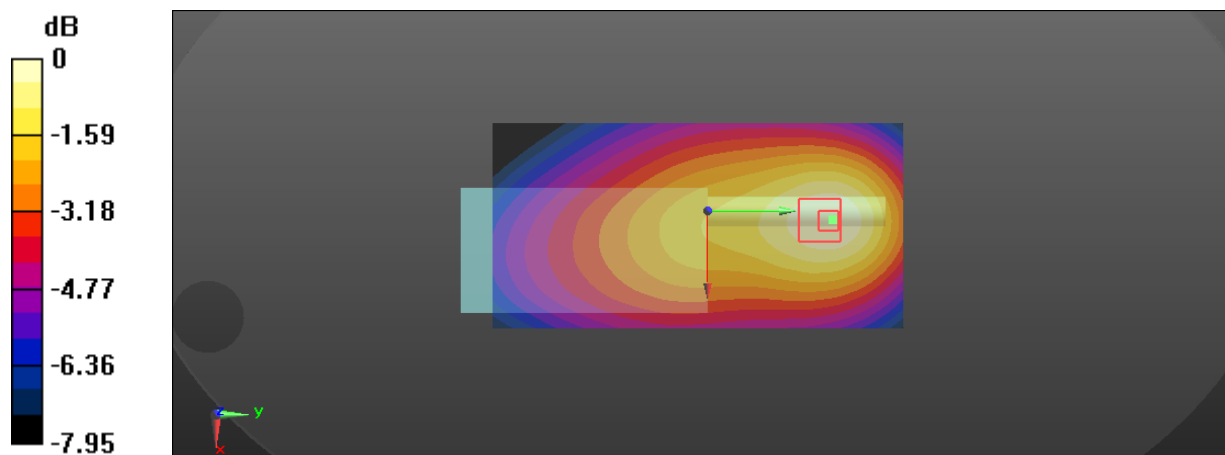
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.18 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.651 W/kg

Maximum value of SAR (measured) = 0.931 W/kg



0 dB = 0.931 W/kg = -0.31 dBW/kg

Test Plot 2#: FM_25kHz_136.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.724$ S/m; $\epsilon_r = 53.591$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 136.012 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) = 1.10 W/kg

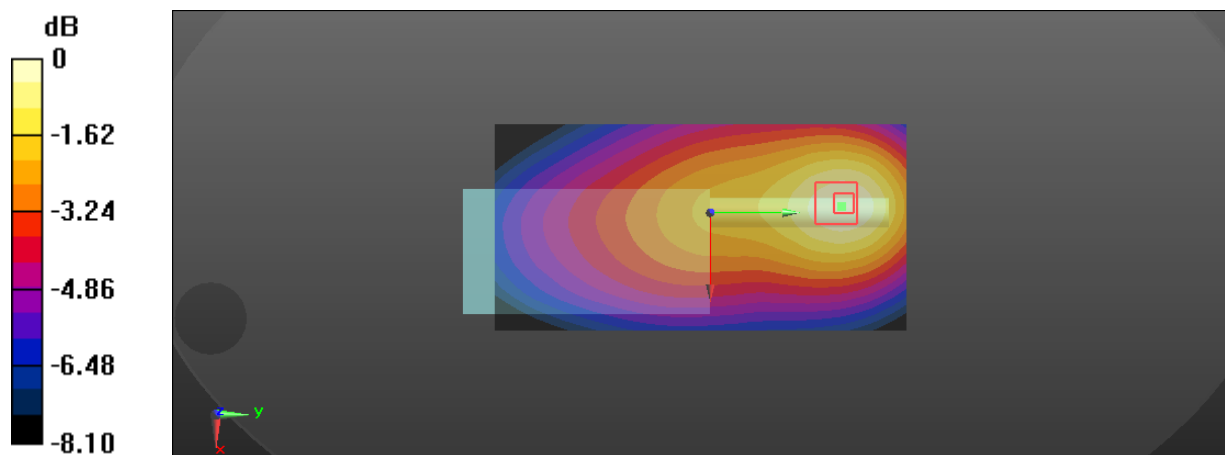
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.45 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.754 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

Test Plot 3#: FM_25kHz_140.512MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 140.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 140.512$ MHz; $\sigma = 0.732$ S/m; $\epsilon_r = 53.245$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 140.512 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) = 1.08 W/kg

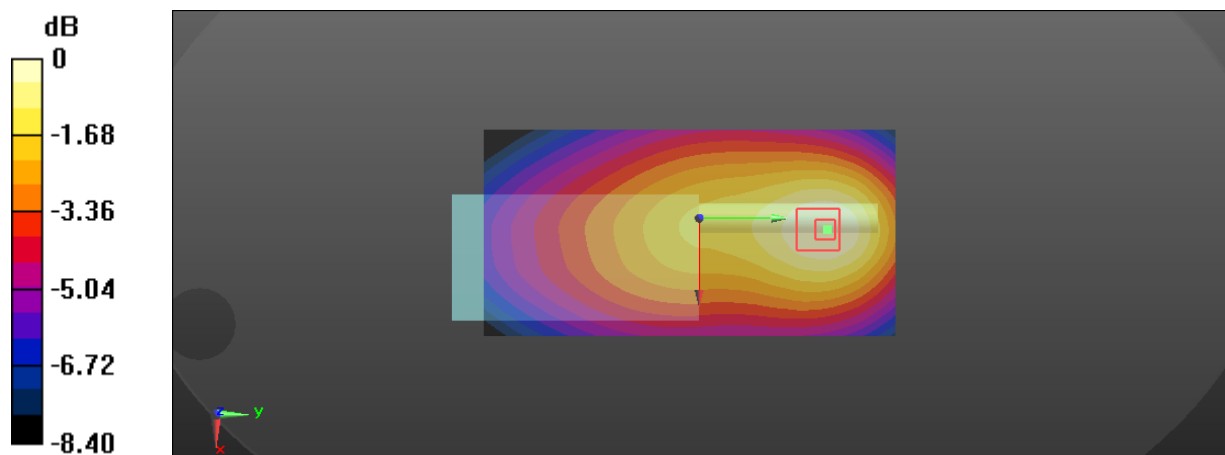
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.60 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.726 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Test Plot 4#: FM_25kHz_144.9875MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

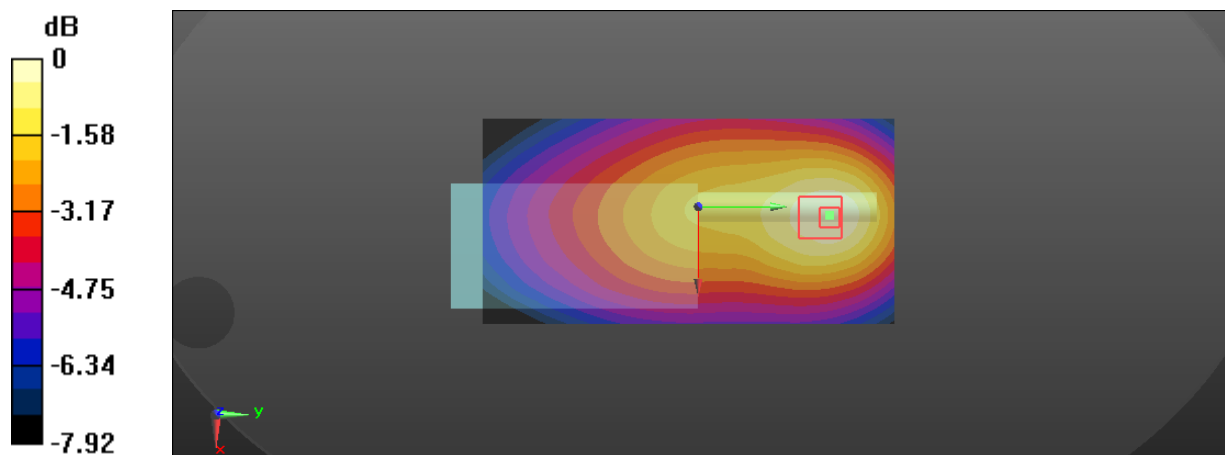
Communication System: FM; Frequency: 144.987 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.988 \text{ MHz}$; $\sigma = 0.74 \text{ S/m}$; $\epsilon_r = 52.853$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 144.987 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) = 0.466 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 20.82 V/m ; Power Drift = 0.11 dB Peak SAR (extrapolated) = 0.688 W/kg **SAR(1 g) = 0.444 W/kg ; SAR(10 g) = 0.320 W/kg** Maximum value of SAR (measured) = 0.463 W/kg 0 dB = 0.463 W/kg = -3.34 dBW/kg

Test Plot 5#:4FSK_136.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: 4FSK; Frequency: 136.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.724$ S/m; $\epsilon_r = 53.591$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 136.012 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) = 0.425 W/kg

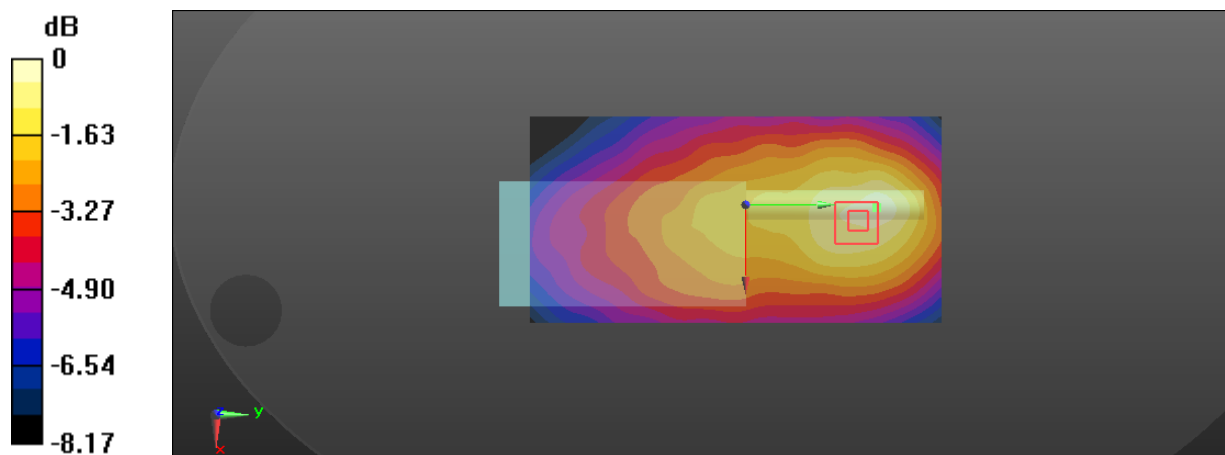
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.91 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.652 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.442 W/kg



0 dB = 0.442 W/kg = -3.55 dBW/kg

Test Plot 6#: FM_25kHz_136.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BBAA; Serial: LC201130001-BB**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.724$ S/m; $\epsilon_r = 53.591$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 136.012 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) = 1.04 W/kg

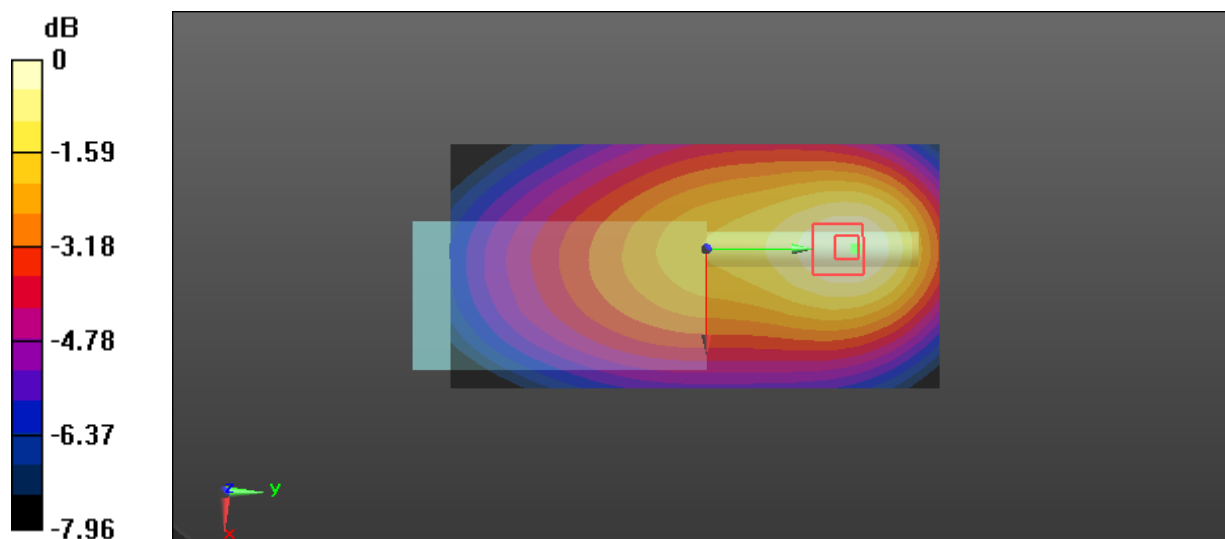
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.46 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.713 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

Test Plot 7#: FM_25kHz_136.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BAAA; Serial: LC201130001-BA**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.724$ S/m; $\epsilon_r = 53.591$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 136.012 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) = 1.03 W/kg

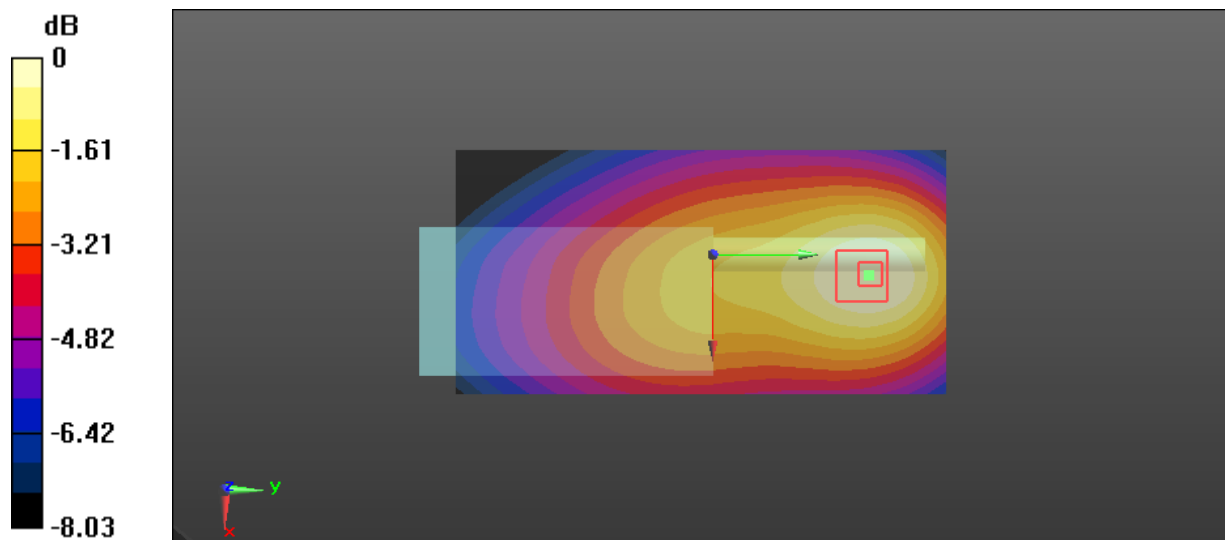
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.45 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.683 W/kg

Maximum value of SAR (measured) = 0.993 W/kg



0 dB = 0.993 W/kg = -0.03 dBW/kg

Test Plot 8#: FM_12.5kHz_136.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.773$ S/m; $\epsilon_r = 62.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 136.012 MHz; Calibrated: 2020/2/24
- 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) = 2.31 W/kg

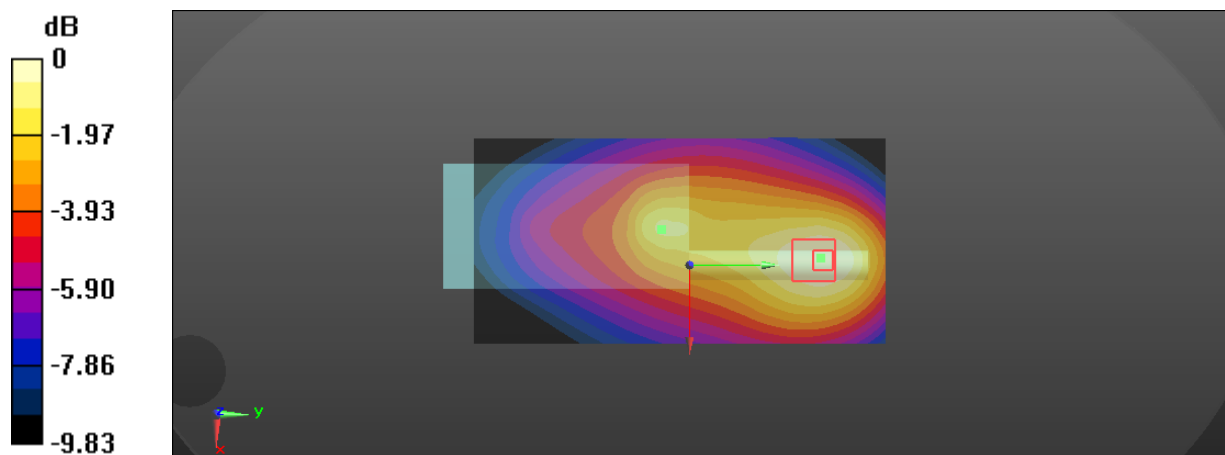
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 43.22 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.4 W/kg

Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 dBW/kg

Test Plot 9#: FM_25kHz_136.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.773$ S/m; $\epsilon_r = 62.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 136.012 MHz; Calibrated: 2020/2/24
- 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) = 3.04 W/kg

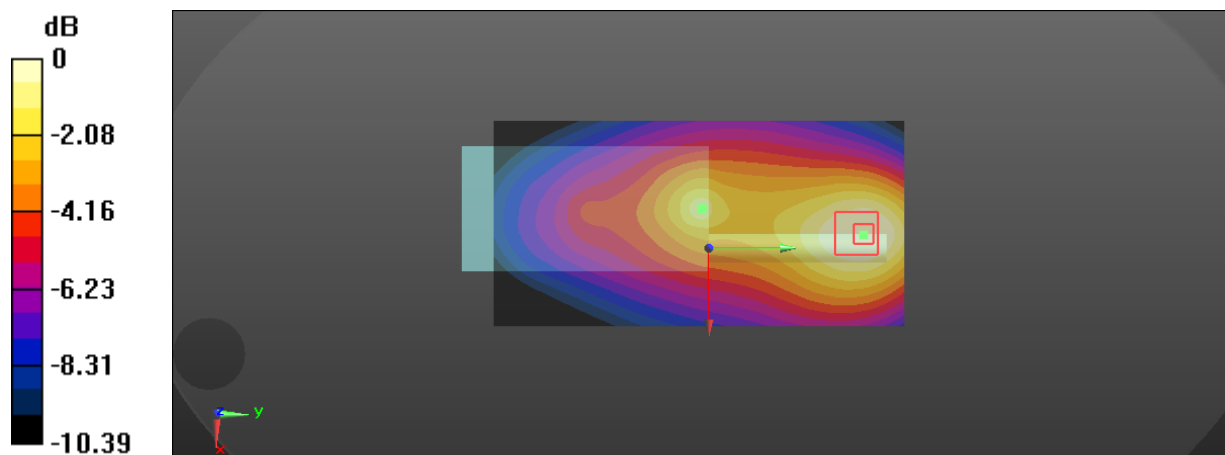
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 43.40 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.99 W/kg

SAR(1 g) = 2.66 W/kg; SAR(10 g) = 1.72 W/kg

Maximum value of SAR (measured) = 2.78 W/kg



0 dB = 2.78 W/kg = 4.44 dBW/kg

Test Plot 10#: FM_25kHz_140.5125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

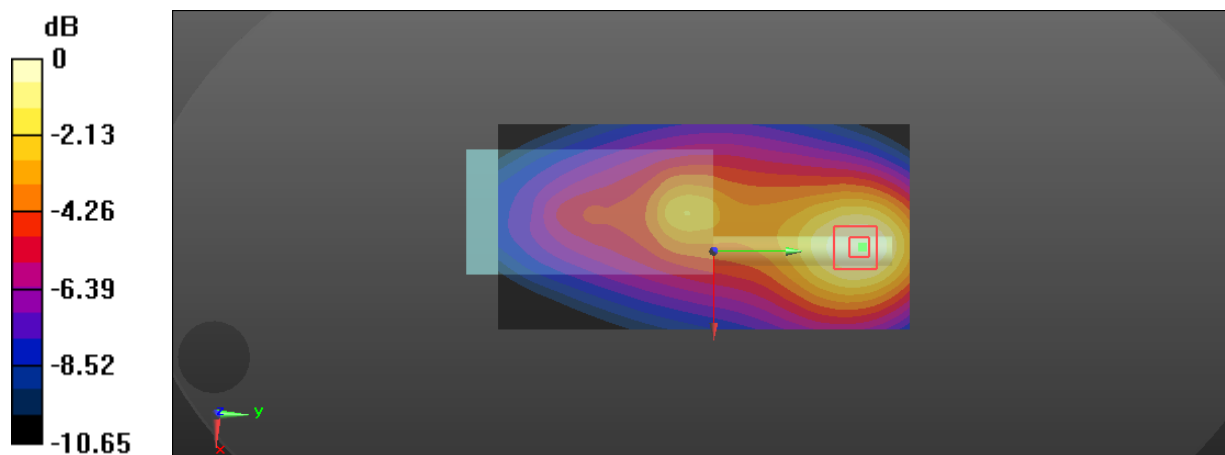
Communication System: FM; Frequency: 140.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 140.512 \text{ MHz}$; $\sigma = 0.781 \text{ S/m}$; $\epsilon_r = 62.399$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 140.512 MHz; Calibrated: 2020/2/24
- 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) = 1.47 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 27.52 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 2.61 W/kg **SAR(1 g) = 1.38 W/kg ; SAR(10 g) = 0.873 W/kg** Maximum value of SAR (measured) = 1.43 W/kg 0 dB = 1.43 W/kg = 1.55 dBW/kg

Test Plot 11#: FM_25kHz_144.9875MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

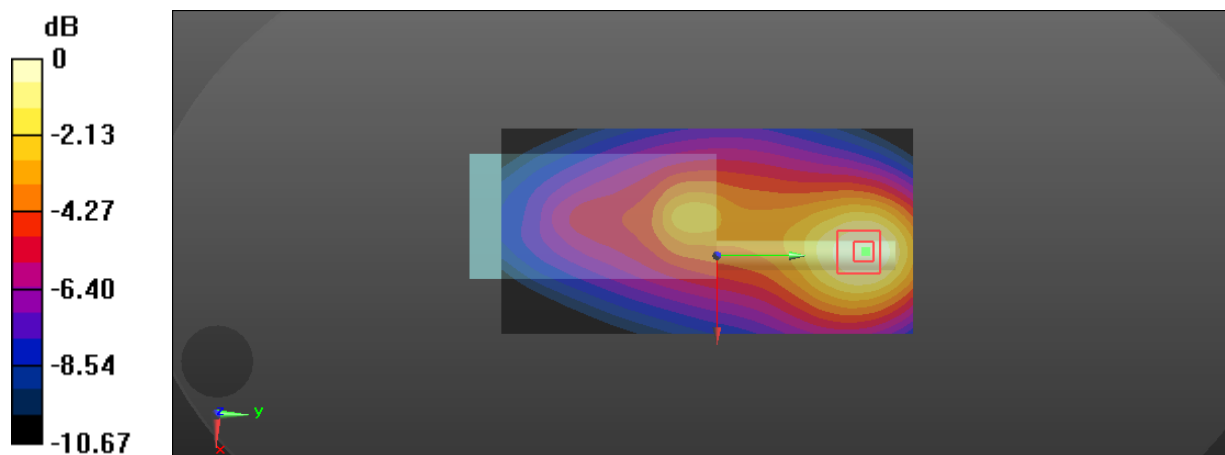
Communication System: FM; Frequency: 144.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.988 \text{ MHz}$; $\sigma = 0.786 \text{ S/m}$; $\epsilon_r = 61.729$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 144.988 MHz; Calibrated: 2020/2/24
- 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) = 0.741 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 19.57 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 1.34 W/kg **SAR(1 g) = 0.698 W/kg ; SAR(10 g) = 0.440 W/kg** Maximum value of SAR (measured) = 0.726 W/kg 0 dB = 0.726 W/kg = -1.39 dBW/kg

Test Plot 12#:4FSK_136.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: 4FSK; Frequency: 136.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.773$ S/m; $\epsilon_r = 62.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 136.012 MHz; Calibrated: 2020/2/24
- 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) = 1.82 W/kg

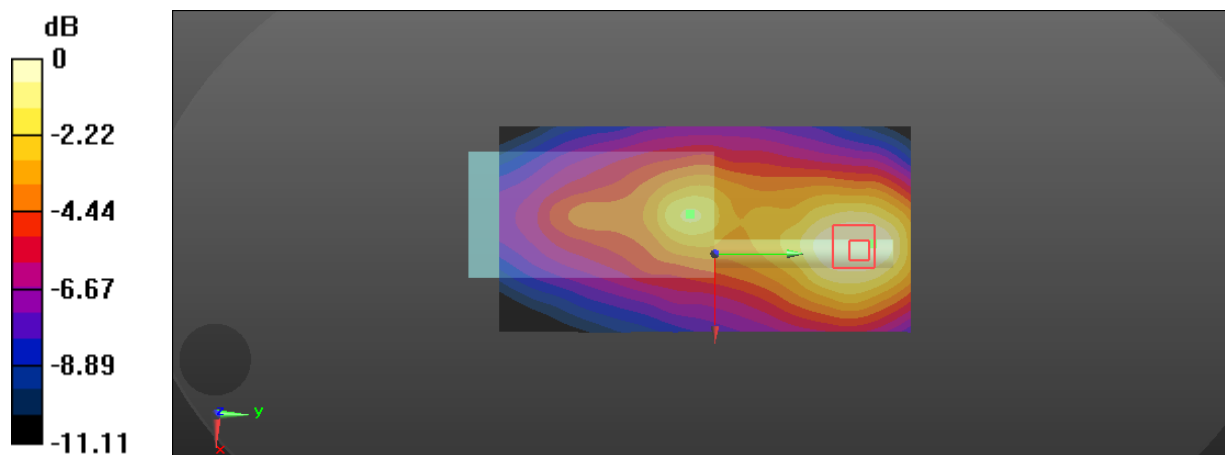
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.19 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 1.63 W/kg; SAR(10 g) = 1.06 W/kg

Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

Test Plot 13#: FM_25kHz_136.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BBAA; Serial: LC201130001-BB**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.773$ S/m; $\epsilon_r = 62.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 136.012 MHz; Calibrated: 2020/2/24
- 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) = 2.78 W/kg

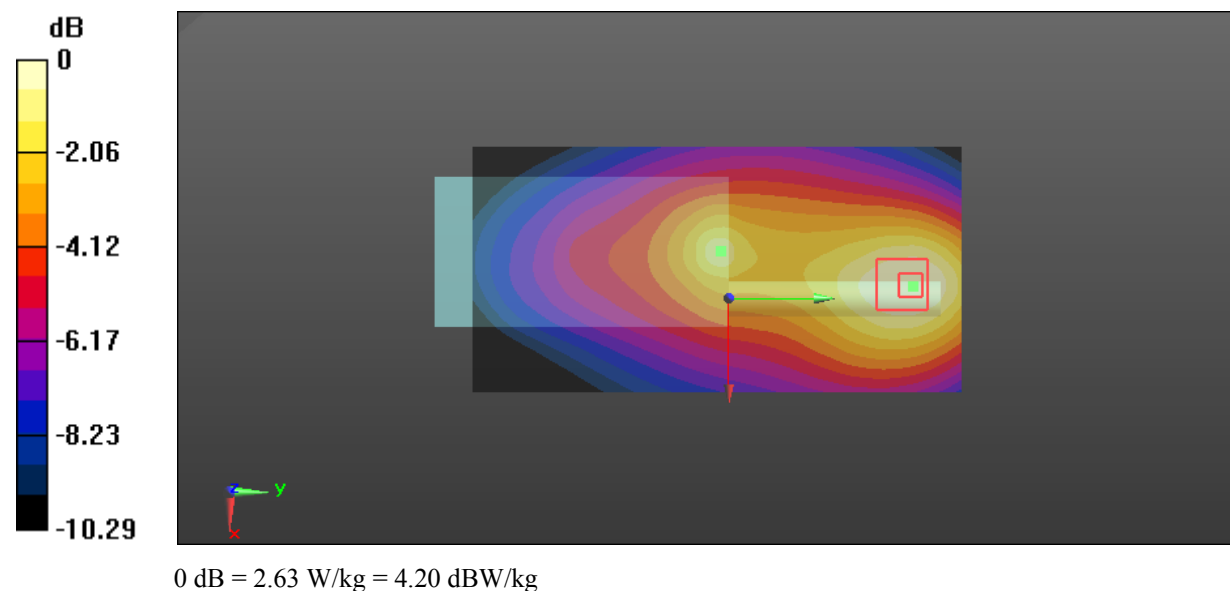
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.35 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 4.70 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.64 W/kg

Maximum value of SAR (measured) = 2.63 W/kg



Test Plot 14#: FM_25kHz_136.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BAAA; Serial: LC201130001-BA**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.773$ S/m; $\epsilon_r = 62.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 136.012 MHz; Calibrated: 2020/2/24
- 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) = 2.67 W/kg

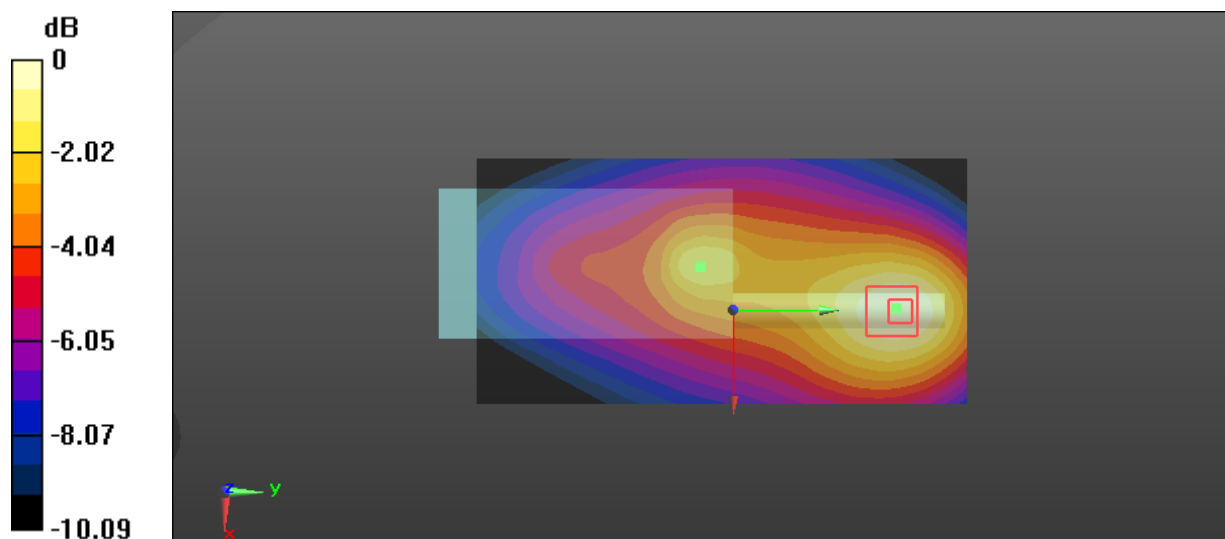
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.93 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.69 W/kg

SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.62 W/kg

Maximum value of SAR (measured) = 2.59 W/kg



0 dB = 2.59 W/kg = 4.13 dBW/kg

Test Plot 15#: FM_25kHz_136.0125MHz_Body Back with headset**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.773$ S/m; $\epsilon_r = 62.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 136.012 MHz; Calibrated: 2020/2/24
- 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) = 1.24 W/kg

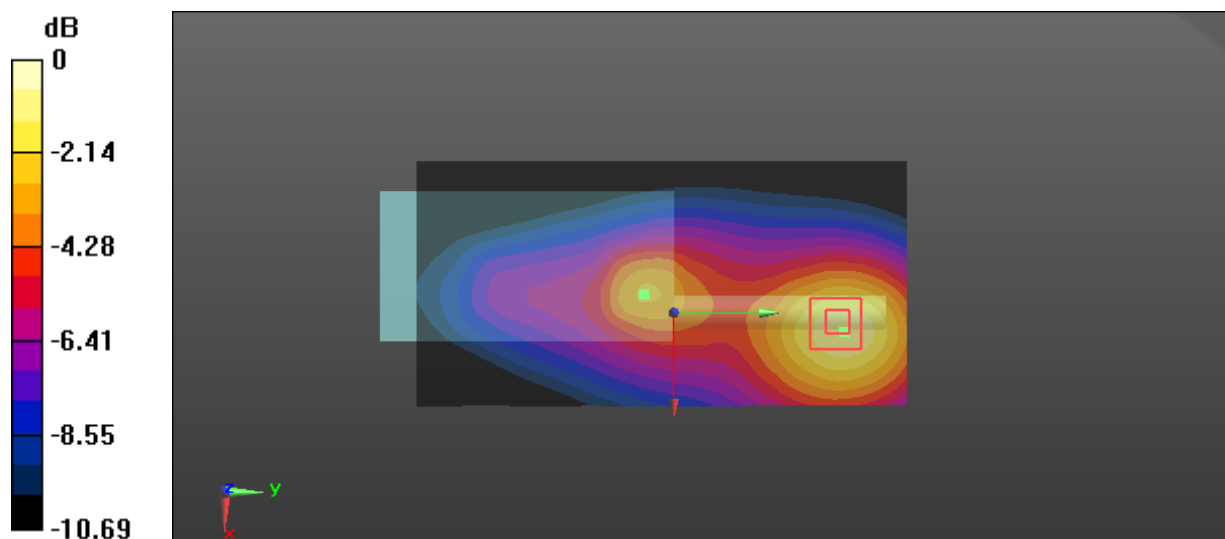
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.55 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.05 W/kg

SAR(1 g) = 1.47 W/kg; SAR(10 g) = 0.911 W/kg

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

Test Plot 16#: FM_12.5kHz_149.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 149.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 149.012$ MHz; $\sigma = 0.742$ S/m; $\epsilon_r = 52.11$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 149.012 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) = 1.11 W/kg

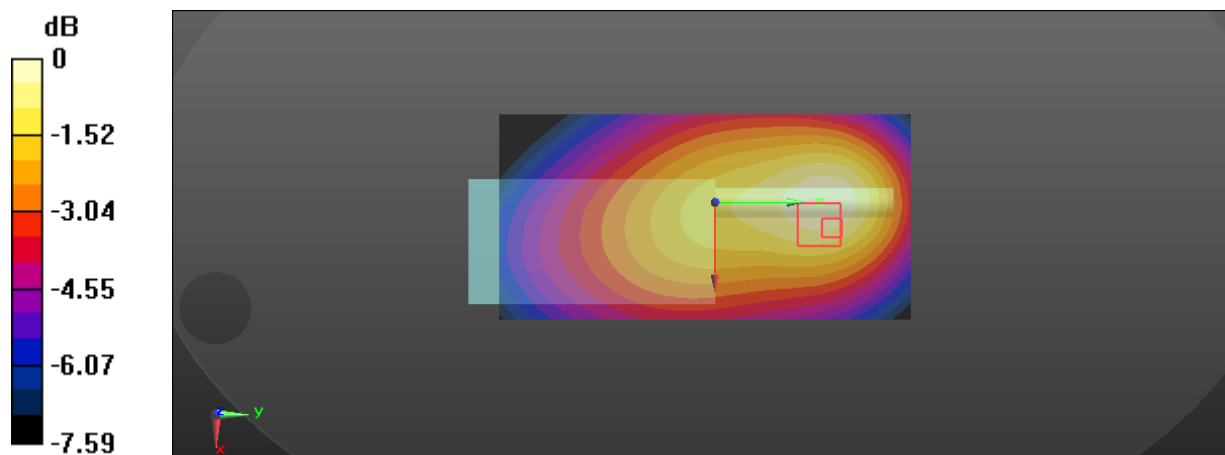
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.96 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.795 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

Test Plot 17#: FM_25kHz_144.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 144.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.736$ S/m; $\epsilon_r = 52.984$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 144.012 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) = 1.21 W/kg

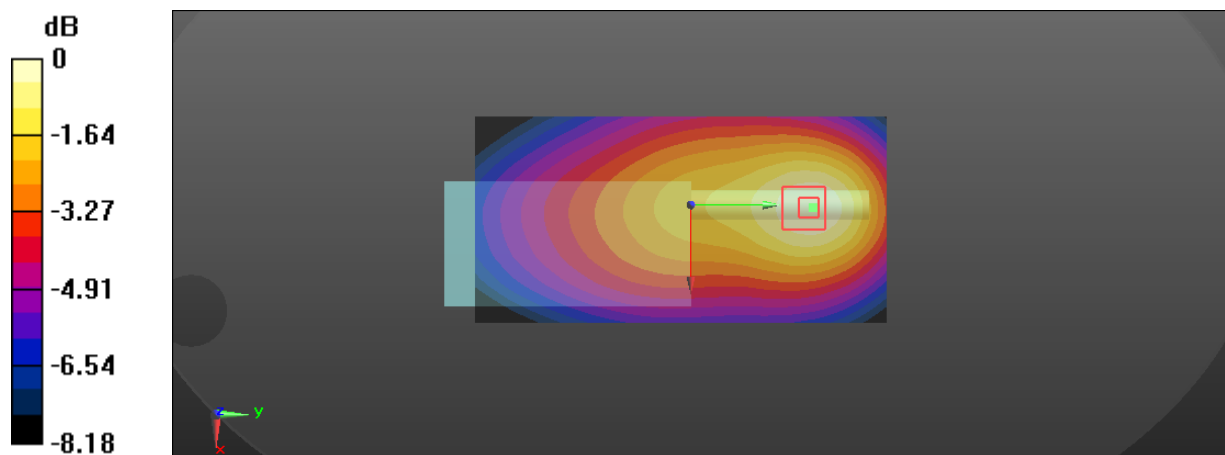
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.55 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.820 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

Test Plot 18#: FM_25kHz_149.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 149.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 149.012$ MHz; $\sigma = 0.742$ S/m; $\epsilon_r = 52.11$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 149.012 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) = 1.33 W/kg

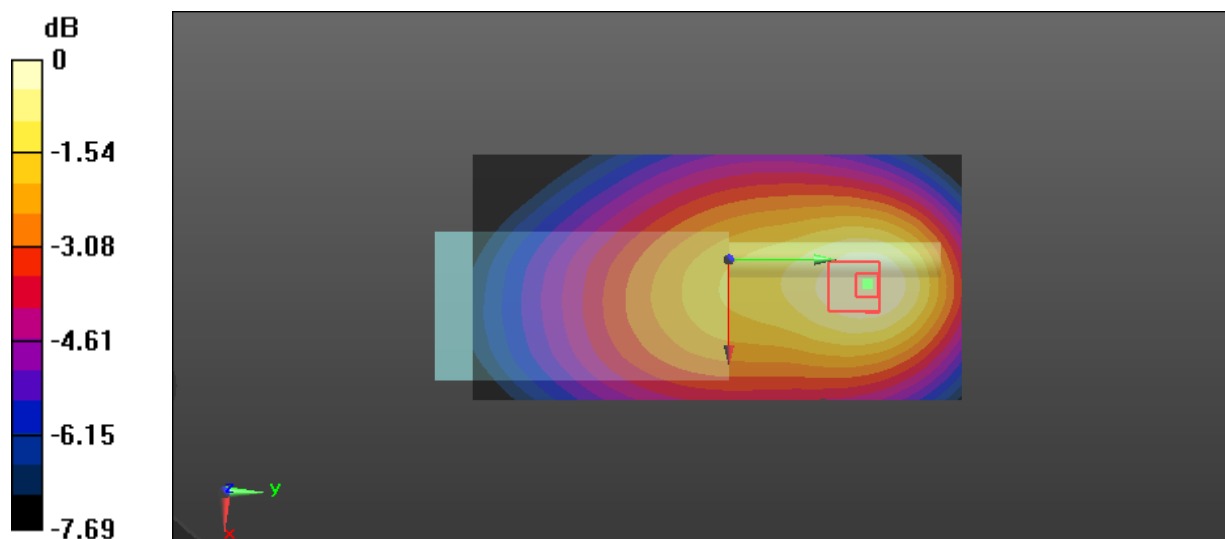
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.26 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.920 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

Test Plot 19#: FM_25kHz_153.9875MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

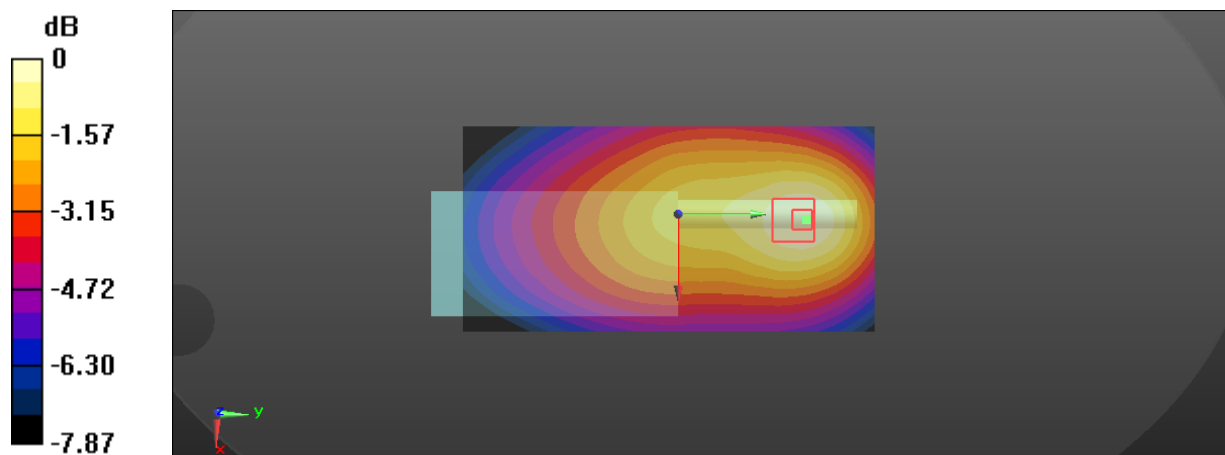
Communication System: FM; Frequency: 153.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.988 \text{ MHz}$; $\sigma = 0.755 \text{ S/m}$; $\epsilon_r = 51.683$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 153.988 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) = 0.750 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 26.88 V/m ; Power Drift = 0.10 dB Peak SAR (extrapolated) = 1.08 W/kg **SAR(1 g) = 0.714 W/kg ; SAR(10 g) = 0.522 W/kg** Maximum value of SAR (measured) = 0.745 W/kg 0 dB = 0.745 W/kg = -1.28 dBW/kg

Test Plot 20#:4FSK_149.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: 4FSK; Frequency: 149.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 149.012$ MHz; $\sigma = 0.742$ S/m; $\epsilon_r = 52.11$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 149.012 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) = 0.602 W/kg

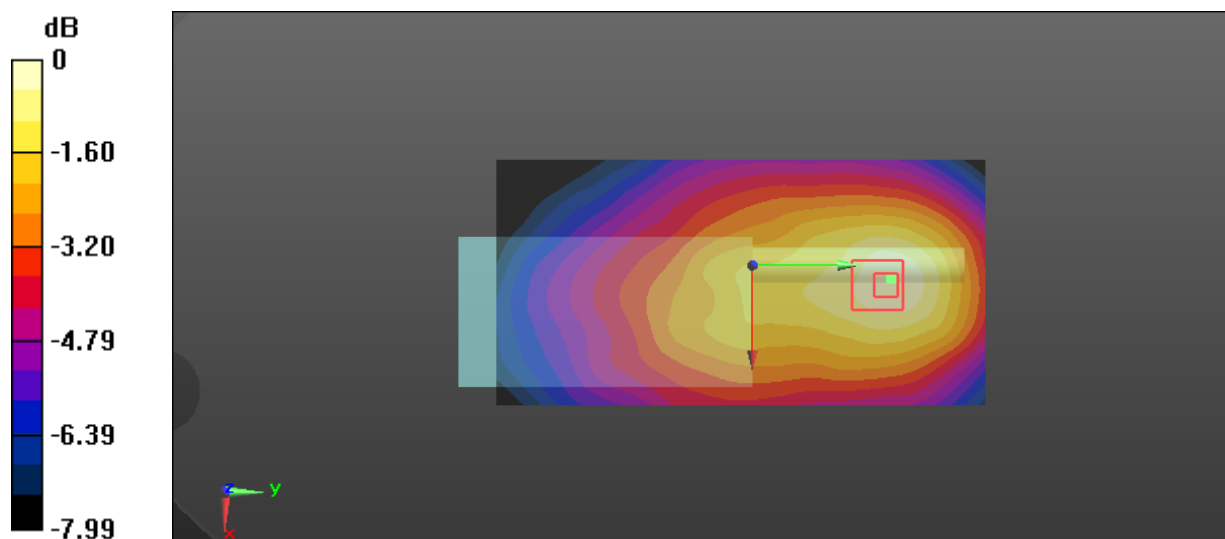
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.85 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.856 W/kg

SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 0.403 W/kg



0 dB = 0.403 W/kg = -3.95 dBW/kg

Test Plot 21#: FM_25kHz_149.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BBAA; Serial: LC201130001-BB**

Communication System: FM; Frequency: 149.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 149.012$ MHz; $\sigma = 0.742$ S/m; $\epsilon_r = 52.11$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 149.012 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) = 1.22 W/kg

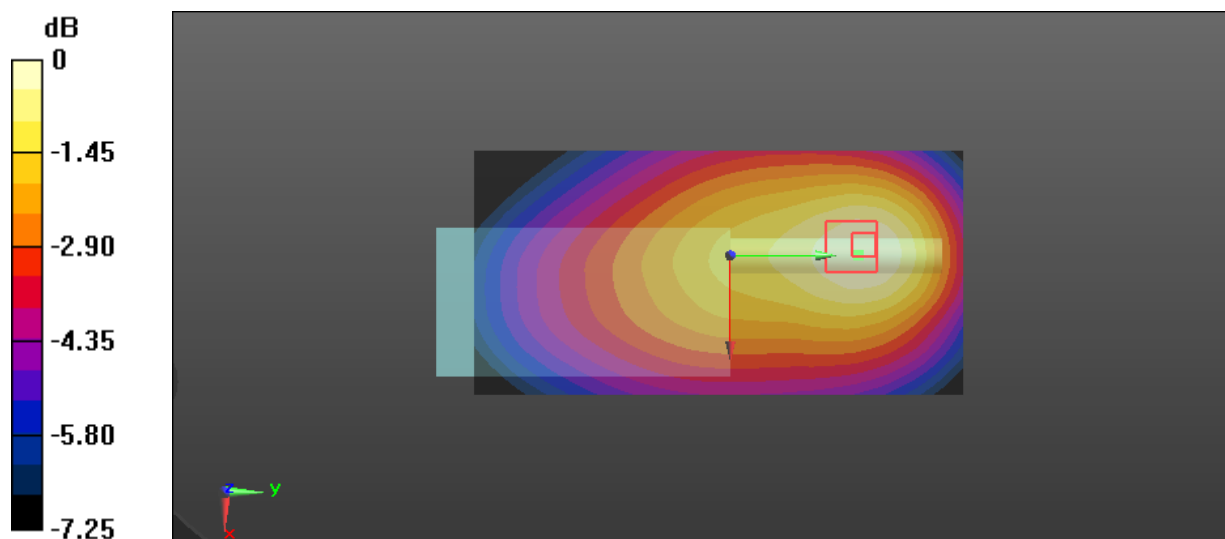
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.94 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.865 W/kg

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

Test Plot 22#: FM_25kHz_149.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BAAA; Serial: LC201130001-BA**

Communication System: FM; Frequency: 149.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 149.012$ MHz; $\sigma = 0.742$ S/m; $\epsilon_r = 52.11$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 149.012 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) = 1.23 W/kg

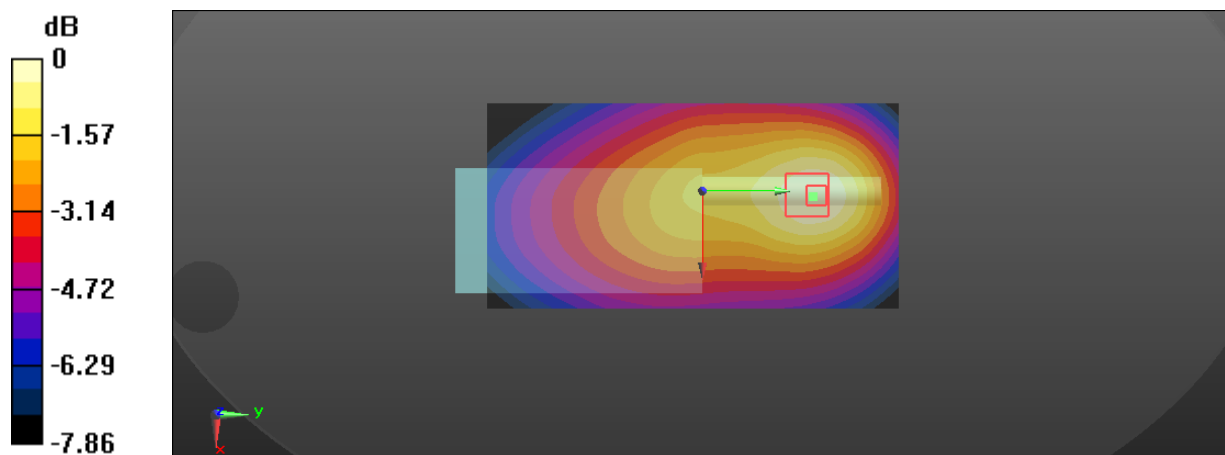
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.87 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.852 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

Test Plot 23#: FM_12.5kHz_144.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 144.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.784$ S/m; $\epsilon_r = 62.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 144.012 MHz; Calibrated: 2020/2/24
- 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) = 2.58 W/kg

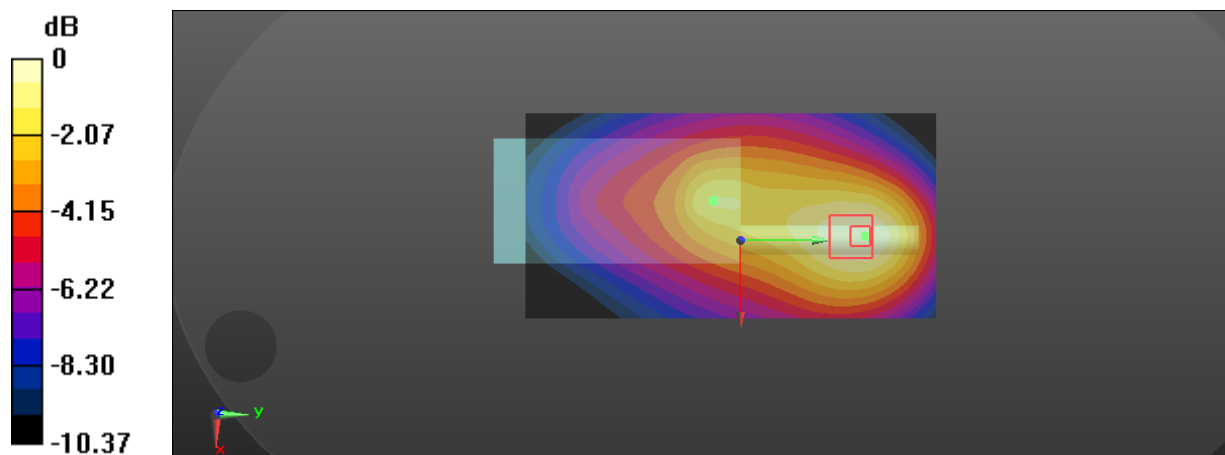
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.70 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 4.09 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.6 W/kg

Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.51 W/kg = 4.00 dBW/kg

Test Plot 24#: FM_25kHz_144.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 144.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.784$ S/m; $\epsilon_r = 62.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 144.012 MHz; Calibrated: 2020/2/24
- 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) = 3.26 W/kg

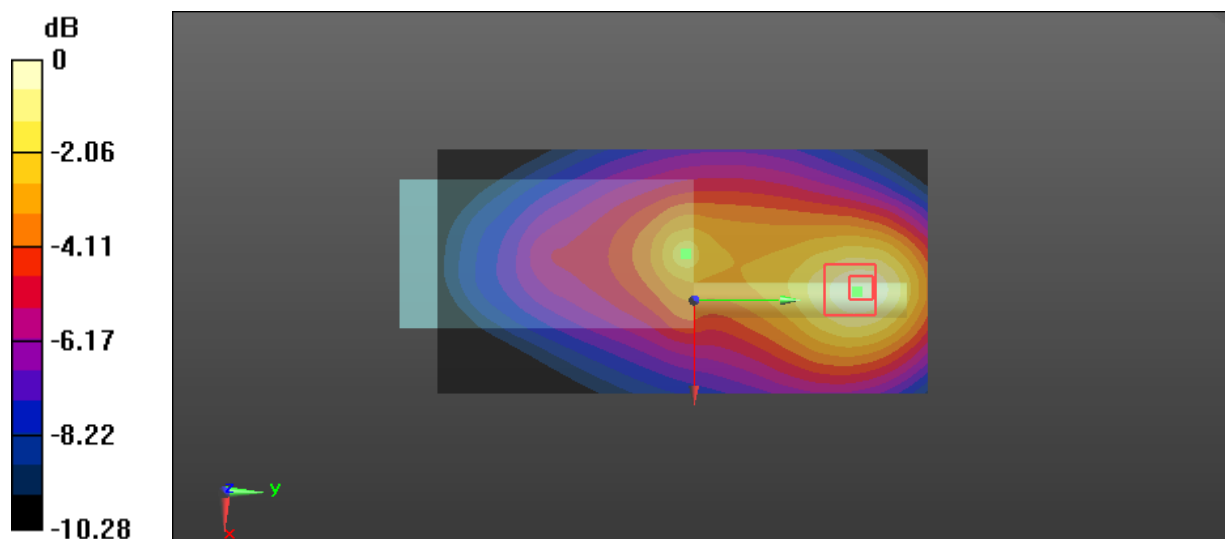
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.84 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.15 W/kg

SAR(1 g) = 3.24 W/kg; SAR(10 g) = 2.11 W/kg

Maximum value of SAR (measured) = 3.36 W/kg



0 dB = 3.36 W/kg = 5.26 dBW/kg

Test Plot 25#: FM_25kHz_149.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 149.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 149.012$ MHz; $\sigma = 0.787$ S/m; $\epsilon_r = 61.521$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 149.012 MHz; Calibrated: 2020/2/24
- 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) = 2.03 W/kg

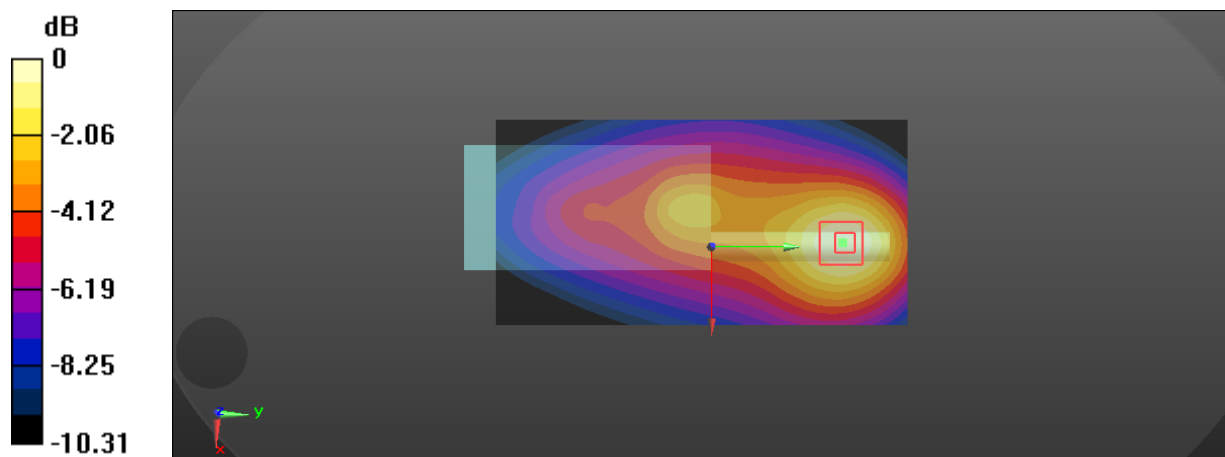
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.24 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.63 W/kg

SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1.21 W/kg

Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 1.99 W/kg = 2.99 dBW/kg

Test Plot 26#: FM_25kHz_153.9875MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

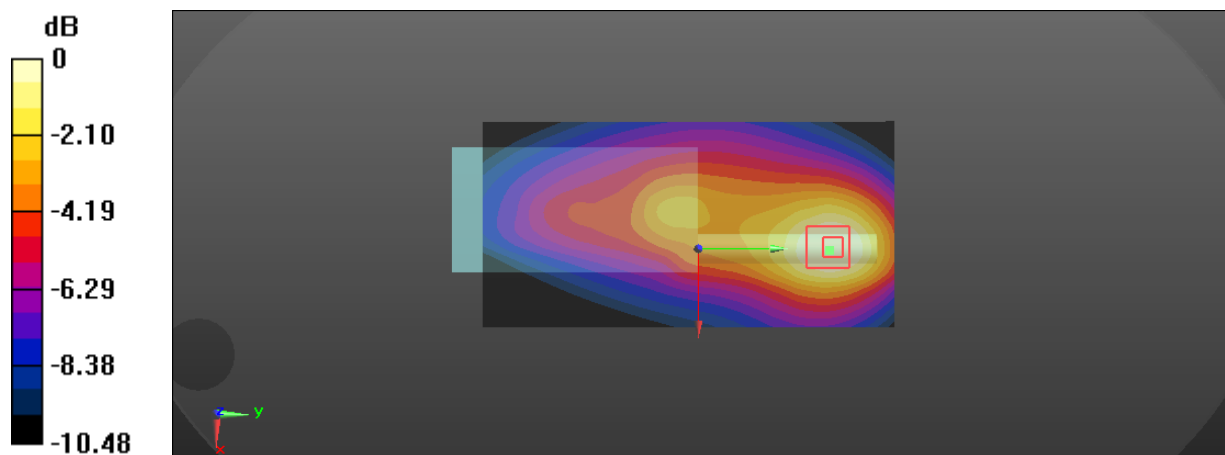
Communication System: FM; Frequency: 153.987 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.988 \text{ MHz}$; $\sigma = 0.798 \text{ S/m}$; $\epsilon_r = 61.118$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 153.987 MHz; Calibrated: 2020/2/24
- 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) = 1.89 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 26.42 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 3.27 W/kg **SAR(1 g) = 1.65 W/kg ; SAR(10 g) = 1.09 W/kg** Maximum value of SAR (measured) = 1.72 W/kg 0 dB = 1.72 W/kg = 2.36 dBW/kg

Test Plot 27#:4FSK_144.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: 4FSK; Frequency: 144.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.784$ S/m; $\epsilon_r = 62.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 144.012 MHz; Calibrated: 2020/2/24
- 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) = 1.88 W/kg

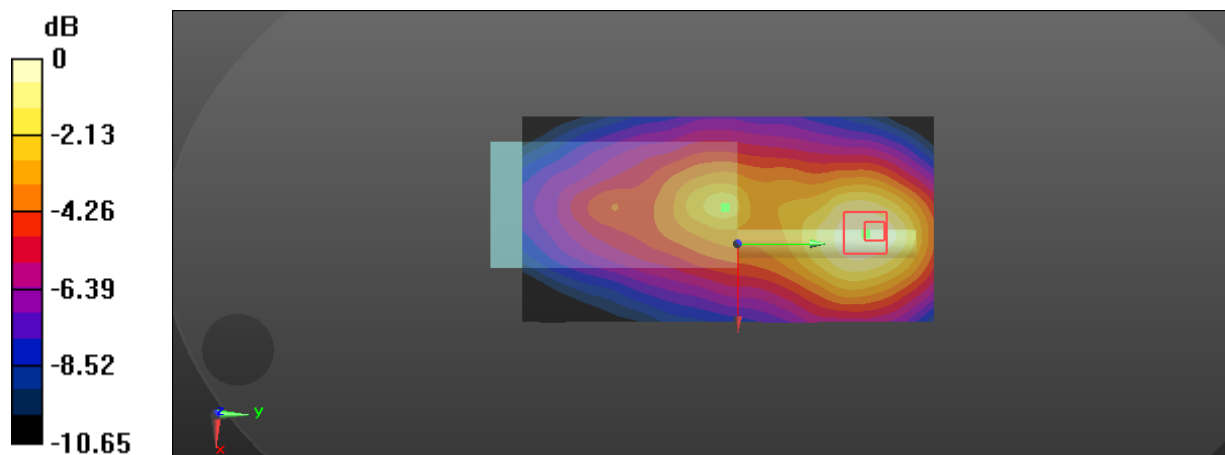
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.28 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 1.79 W/kg; SAR(10 g) = 1.16 W/kg

Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.88 W/kg = 2.74 dBW/kg

Test Plot 28#: FM_25kHz_144.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BBAA; Serial: LC201130001-BB**

Communication System: FM; Frequency: 144.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.784$ S/m; $\epsilon_r = 62.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 144.012 MHz; Calibrated: 2020/2/24
- 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) = 3.20 W/kg

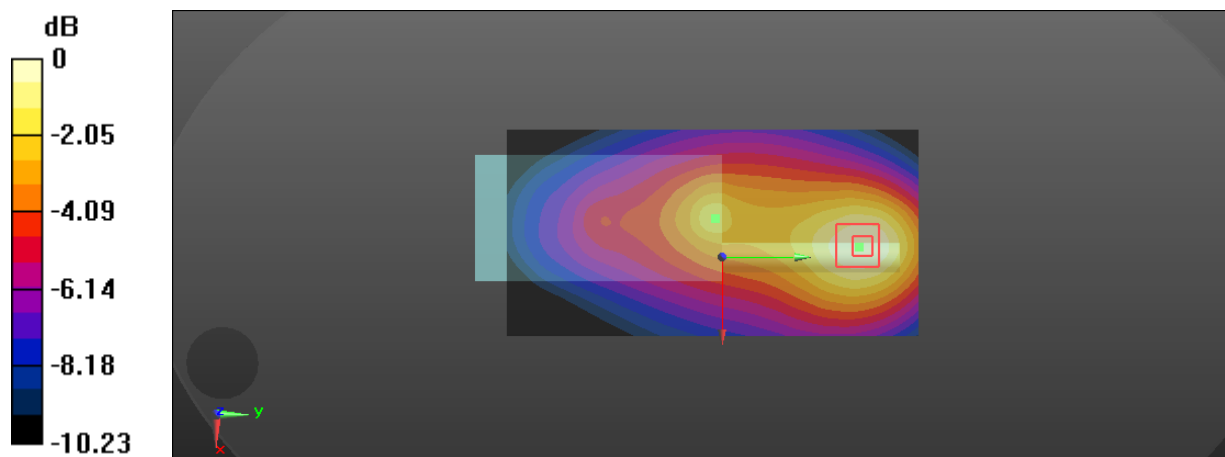
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.22 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 5.67 W/kg

SAR(1 g) = 3 W/kg; SAR(10 g) = 1.93 W/kg

Maximum value of SAR (measured) = 3.14 W/kg



0 dB = 3.14 W/kg = 4.97 dBW/kg

Test Plot 29#: FM_25kHz_144.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BAAA; Serial: LC201130001-BA**

Communication System: FM; Frequency: 144.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.784$ S/m; $\epsilon_r = 62.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 144.012 MHz; Calibrated: 2020/2/24
- 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) = 3.40 W/kg

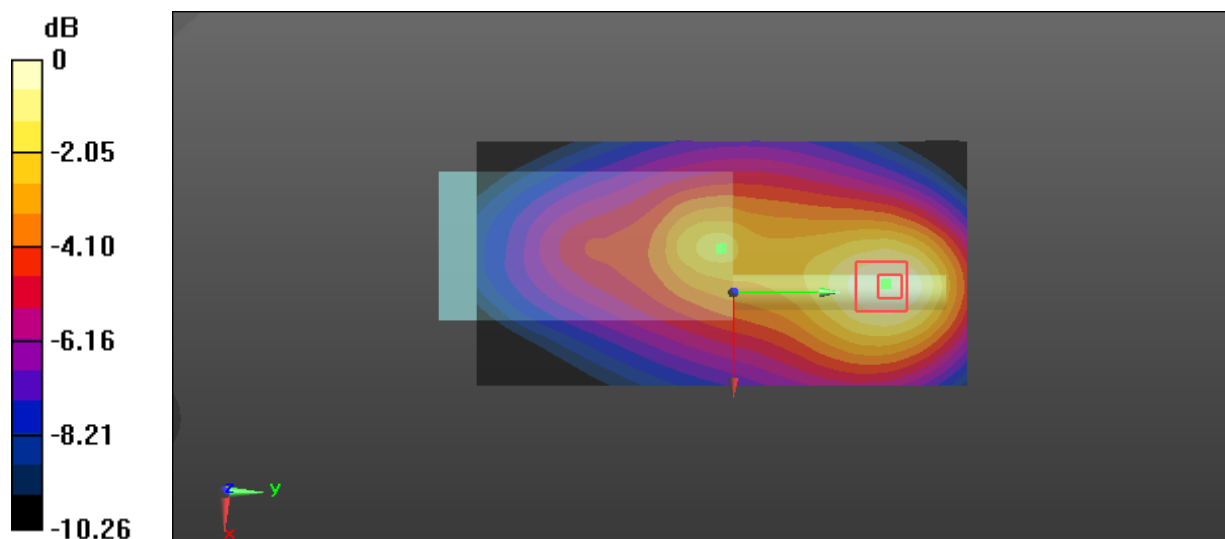
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.50 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 6.01 W/kg

SAR(1 g) = 3.15 W/kg; SAR(10 g) = 2.03 W/kg

Maximum value of SAR (measured) = 3.29 W/kg



0 dB = 3.29 W/kg = 5.17 dBW/kg

Test Plot 30#: FM_25kHz_144.0125MHz_Body Back with headset**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 144.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.784$ S/m; $\epsilon_r = 62.157$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 144.012 MHz; Calibrated: 2020/2/24
- 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) = 2.82 W/kg

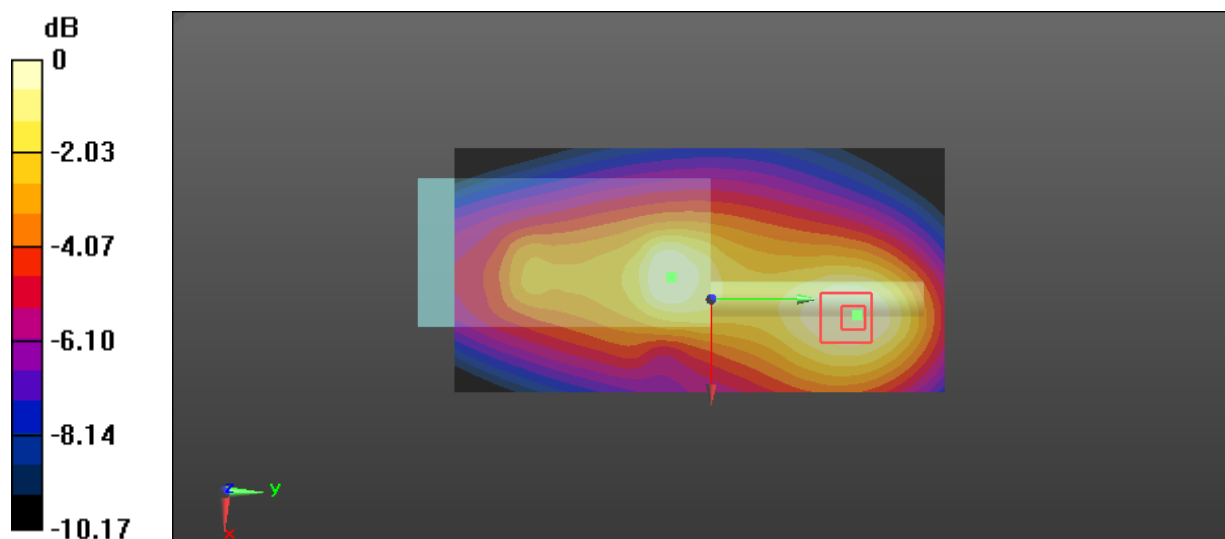
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.37 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.75 W/kg

SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.63 W/kg

Maximum value of SAR (measured) = 2.59 W/kg



0 dB = 2.59 W/kg = 4.13 dBW/kg

Test Plot 31#: FM_12.5kHz_158.5125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 158.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 158.512$ MHz; $\sigma = 0.764$ S/m; $\epsilon_r = 50.881$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 158.512 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) = 1.84 W/kg

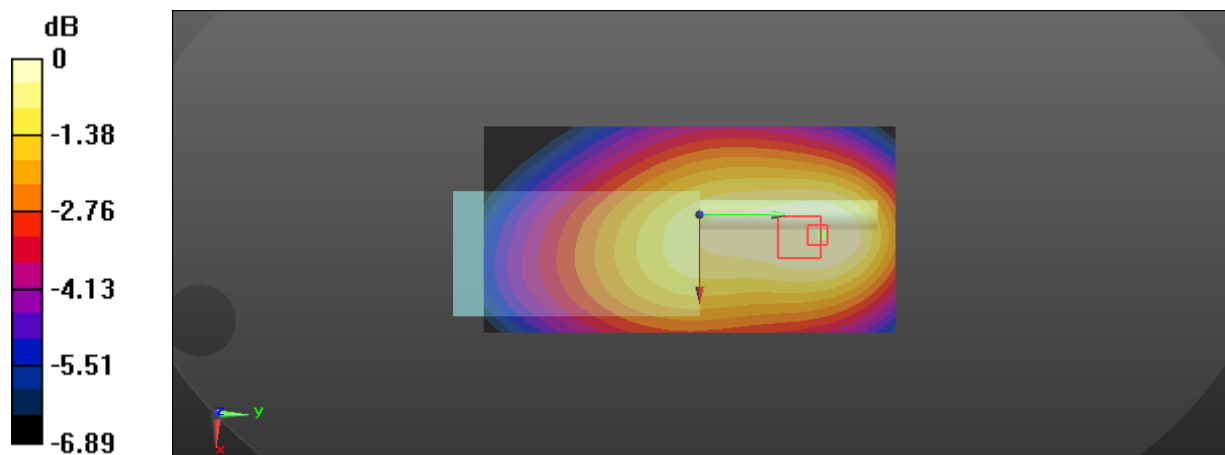
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.52 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 1.71 W/kg; SAR(10 g) = 1.33 W/kg

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

Test Plot 32#: FM_25kHz_153.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 153.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.75$ S/m; $\epsilon_r = 51.762$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 153.012 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) = 1.32 W/kg

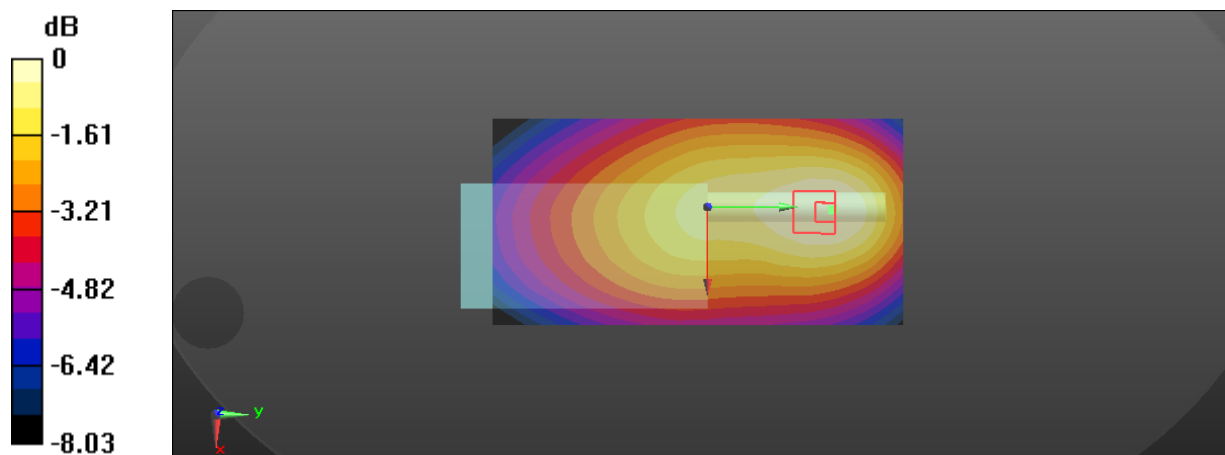
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.88 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.910 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

Test Plot 33#: FM_25kHz_158.5125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 158.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 158.512$ MHz; $\sigma = 0.764$ S/m; $\epsilon_r = 50.881$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 158.512 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) = 2.33 W/kg

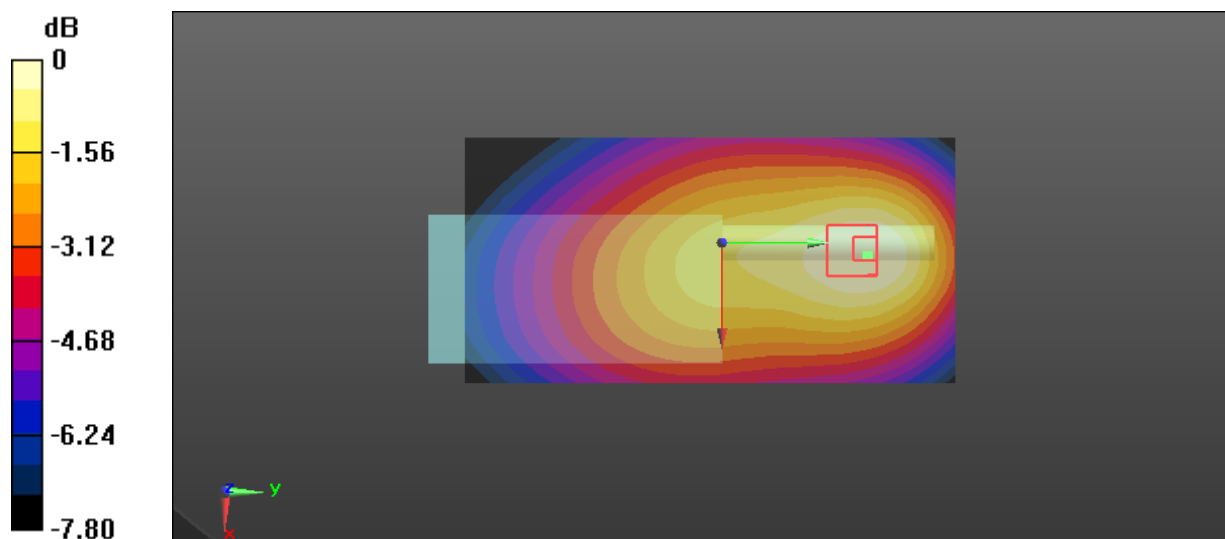
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.39 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.19 W/kg

SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.59 W/kg

Maximum value of SAR (measured) = 2.25 W/kg



0 dB = 2.25 W/kg = 3.52 dBW/kg

Test Plot 34#: FM_25kHz_163.9875MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

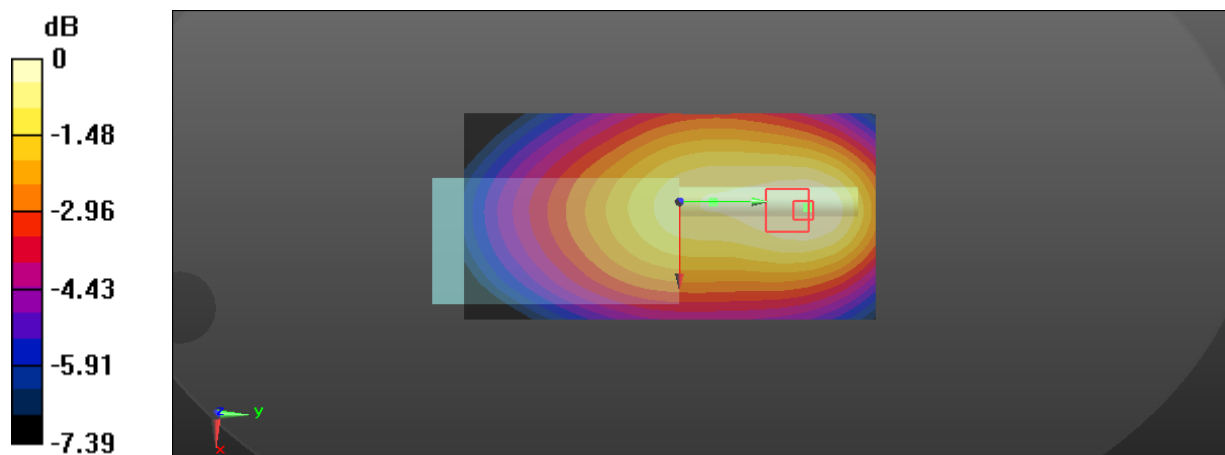
Communication System: FM; Frequency: 163.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.988 \text{ MHz}$; $\sigma = 0.784 \text{ S/m}$; $\epsilon_r = 50.649$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 163.988 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) = 1.08 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 33.55 V/m ; Power Drift = 0.08 dB Peak SAR (extrapolated) = 1.44 W/kg **SAR(1 g) = 1.02 W/kg ; SAR(10 g) = 0.780 W/kg** Maximum value of SAR (measured) = 1.06 W/kg 0 dB = 1.06 W/kg = 0.25 dBW/kg

Test Plot 35#:4FSK_158.5125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

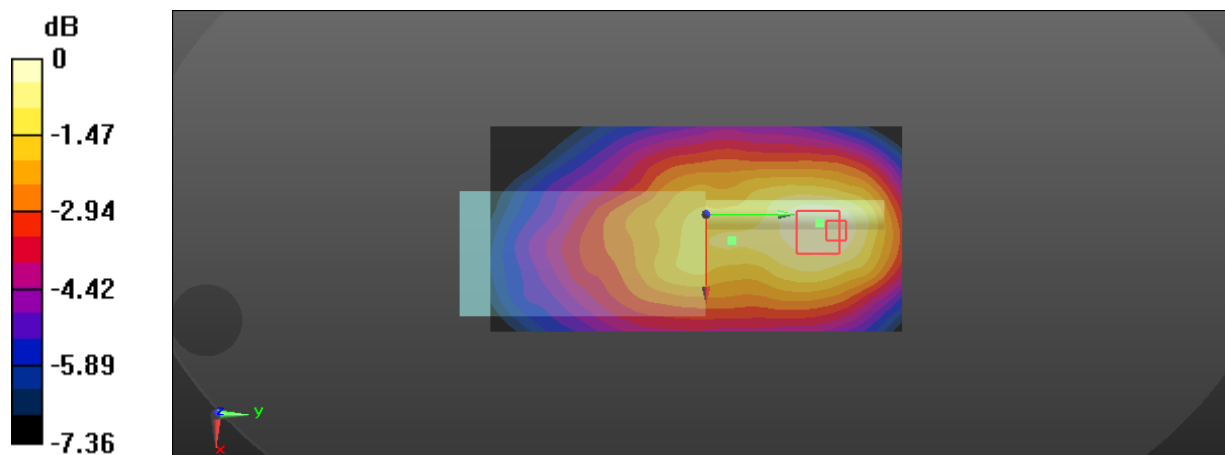
Communication System: 4FSK; Frequency: 158.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 158.512 \text{ MHz}$; $\sigma = 0.764 \text{ S/m}$; $\epsilon_r = 50.881$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 158.512 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) = 1.11 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 32.33 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 1.62 W/kg **SAR(1 g) = 1.05 W/kg ; SAR(10 g) = 0.769 W/kg** Maximum value of SAR (measured) = 1.11 W/kg 0 dB = 1.11 W/kg = 0.45 dBW/kg

Test Plot 36#: FM_25kHz_158.5125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BBAA; Serial: LC201130001-BB**

Communication System: FM; Frequency: 158.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 158.512$ MHz; $\sigma = 0.764$ S/m; $\epsilon_r = 50.881$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 158.512 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) = 1.78 W/kg

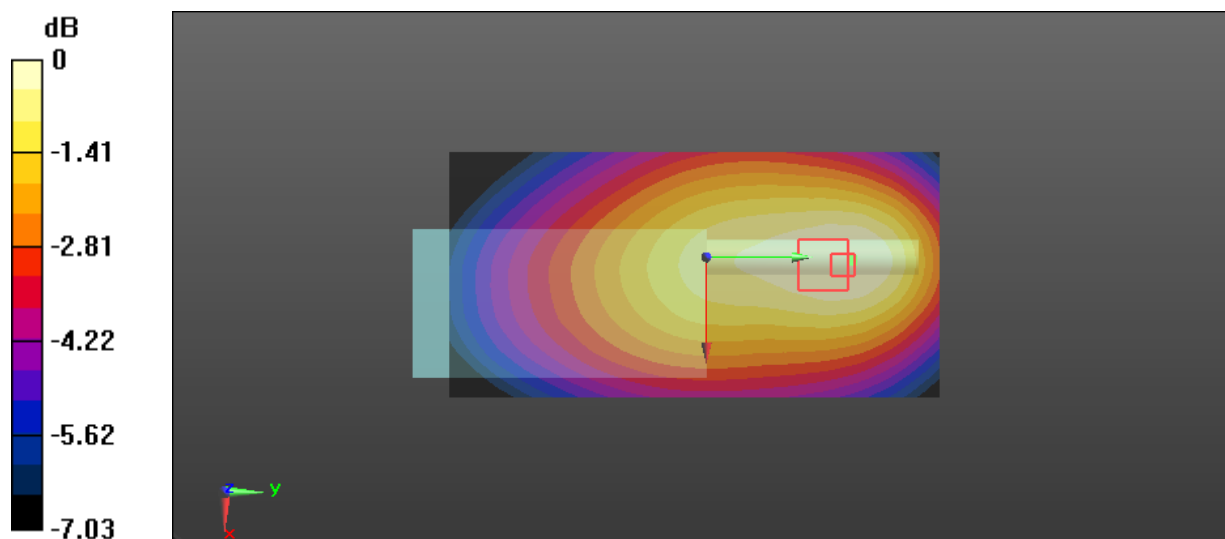
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.35 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 1.67 W/kg; SAR(10 g) = 1.29 W/kg

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

Test Plot 37#: FM_25kHz_158.5125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BAAA; Serial: LC201130001-BA**

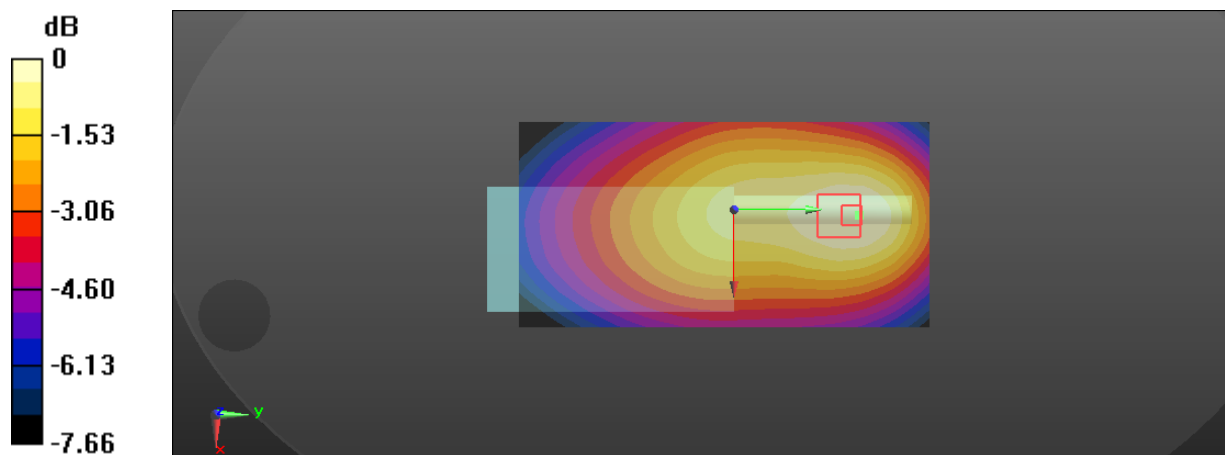
Communication System: FM; Frequency: 158.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 158.512 \text{ MHz}$; $\sigma = 0.764 \text{ S/m}$; $\epsilon_r = 50.881$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 158.512 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) = 1.99 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 47.25 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 2.72 W/kg **SAR(1 g) = 1.85 W/kg ; SAR(10 g) = 1.39 W/kg** Maximum value of SAR (measured) = 1.93 W/kg 0 dB = 1.93 W/kg = 2.86 dBW/kg

Test Plot 38#: FM_12.5kHz_153.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 153.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.794$ S/m; $\epsilon_r = 61.287$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 153.012 MHz; Calibrated: 2020/2/24
- 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) = 3.64 W/kg

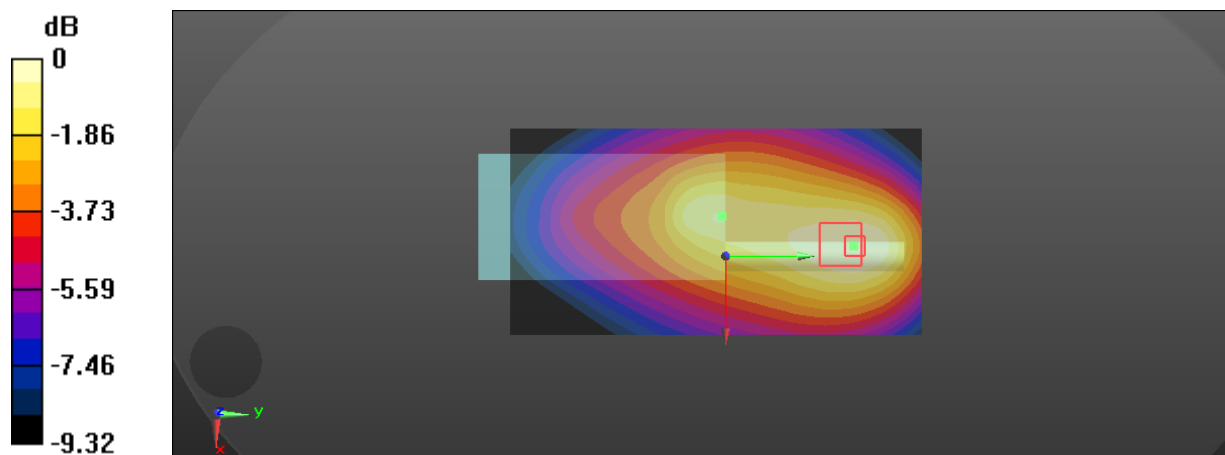
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.90 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 5.38 W/kg

SAR(1 g) = 3.3 W/kg; SAR(10 g) = 2.32 W/kg

Maximum value of SAR (measured) = 3.46 W/kg



0 dB = 3.46 W/kg = 5.39 dBW/kg

Test Plot 39#: FM_25kHz_153.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

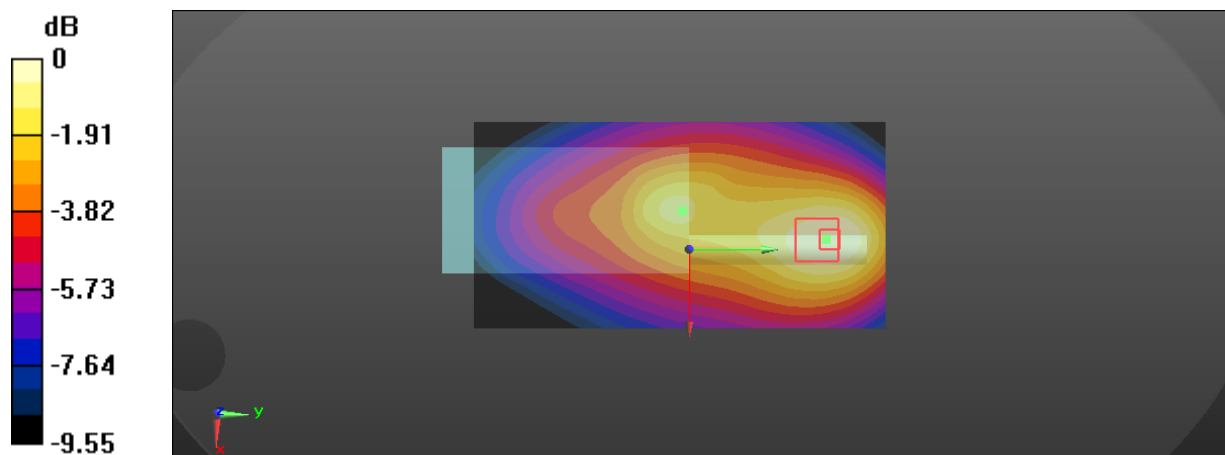
Communication System: FM; Frequency: 153.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.012 \text{ MHz}$; $\sigma = 0.794 \text{ S/m}$; $\epsilon_r = 61.287$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 153.012 MHz; Calibrated: 2020/2/24
- 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) = 4.42 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 59.27 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 7.08 W/kg **SAR(1 g) = 4.04 W/kg ; SAR(10 g) = 2.74 W/kg** Maximum value of SAR (measured) = 4.24 W/kg 0 dB = 4.24 W/kg = 6.27 dBW/kg

Test Plot 40#: FM_25kHz_158.5125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 158.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 158.512$ MHz; $\sigma = 0.803$ S/m; $\epsilon_r = 61.018$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 158.512 MHz; Calibrated: 2020/2/24
- 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) = 3.66 W/kg

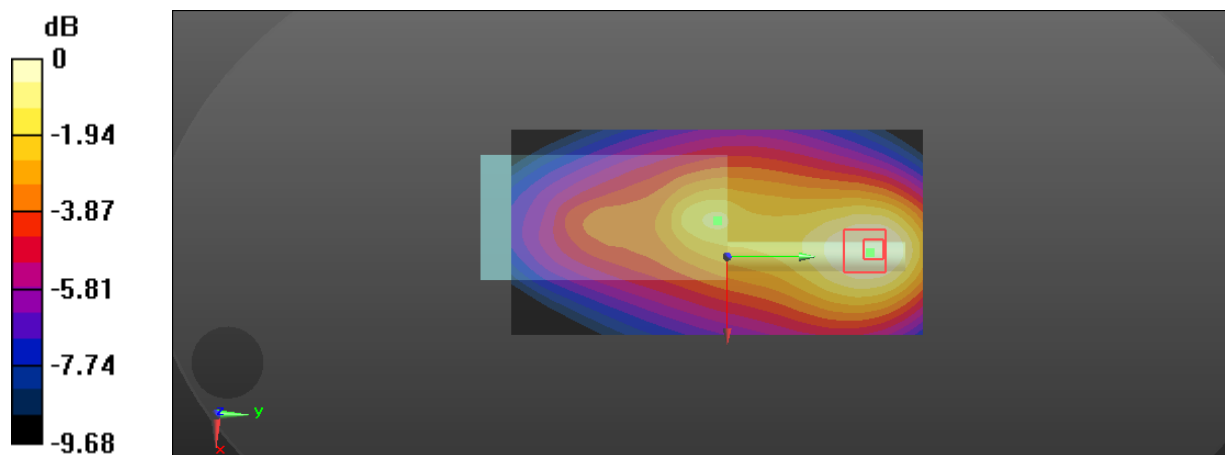
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.48 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 5.98 W/kg

SAR(1 g) = 3.26 W/kg; SAR(10 g) = 2.17 W/kg

Maximum value of SAR (measured) = 3.37 W/kg



0 dB = 3.37 W/kg = 5.28 dBW/kg

Test Plot 41#: FM_25kHz_163.9875MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

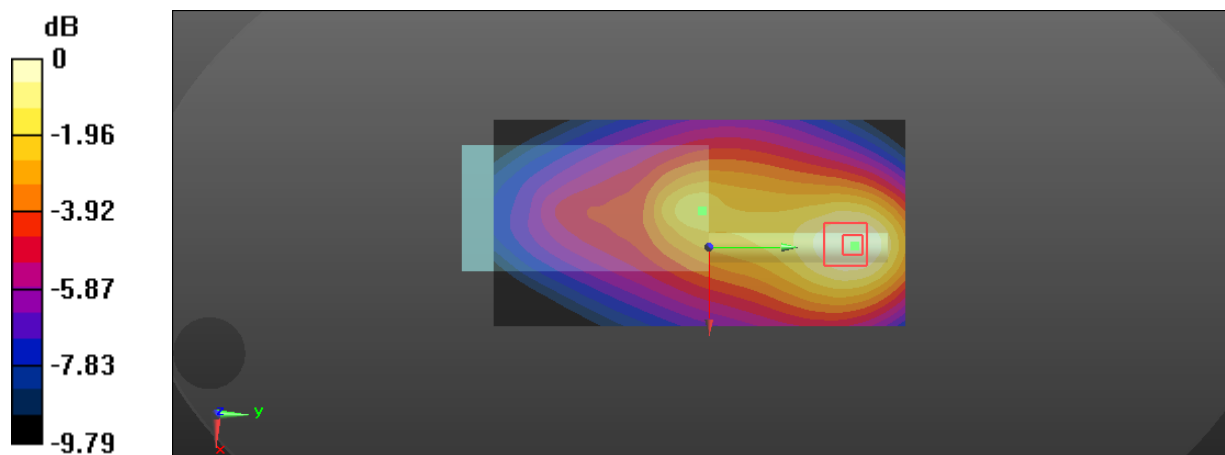
Communication System: FM; Frequency: 163.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.988 \text{ MHz}$; $\sigma = 0.825 \text{ S/m}$; $\epsilon_r = 60.144$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 163.988 MHz; Calibrated: 2020/2/24
- 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) = 1.43 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 31.29 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 2.36 W/kg **SAR(1 g) = 1.33 W/kg ; SAR(10 g) = 0.886 W/kg** Maximum value of SAR (measured) = 1.38 W/kg 0 dB = 1.38 W/kg = 1.40 dBW/kg

Test Plot 42#:4FSK_153.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: 4FSK; Frequency: 153.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.794$ S/m; $\epsilon_r = 61.287$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 153.012 MHz; Calibrated: 2020/2/24
- 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) = 2.34 W/kg

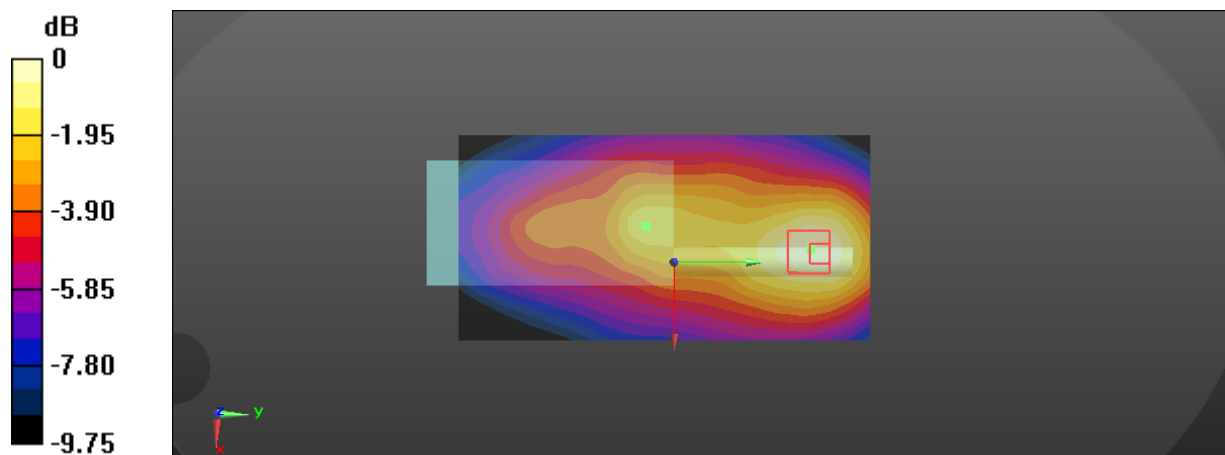
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.02 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.73 W/kg

SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.52 W/kg

Maximum value of SAR (measured) = 2.41 W/kg



0 dB = 2.41 W/kg = 3.82 dBW/kg

Test Plot 43#: FM_25kHz_153.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BBAA; Serial: LC201130001-BB**

Communication System: FM; Frequency: 153.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.794$ S/m; $\epsilon_r = 61.287$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 153.012 MHz; Calibrated: 2020/2/24
- 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) = 4.23 W/kg

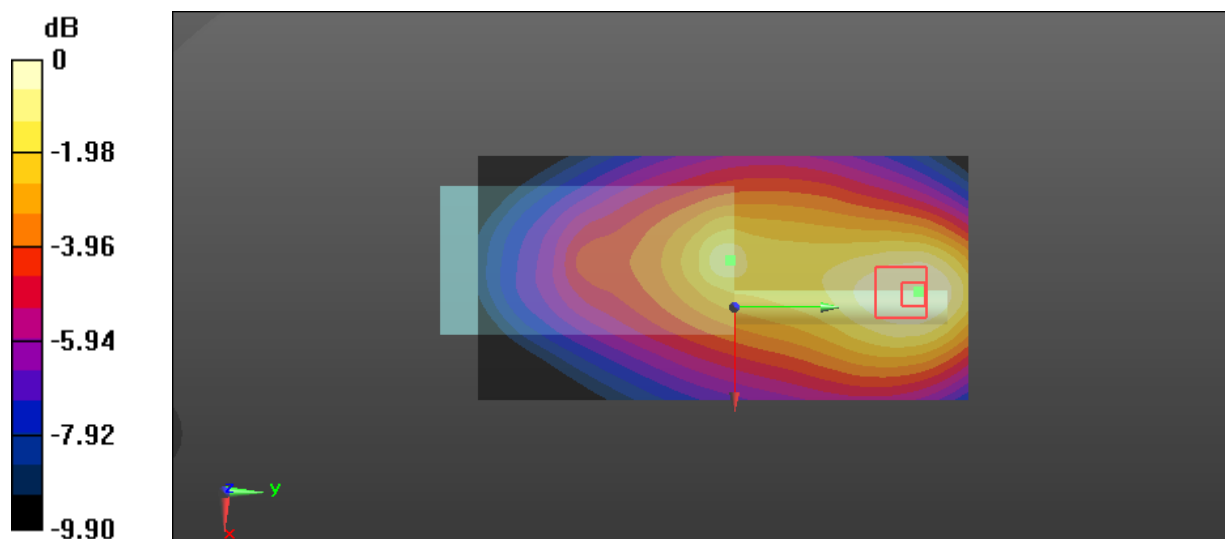
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.39 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 7.01 W/kg

SAR(1 g) = 3.86 W/kg; SAR(10 g) = 2.61 W/kg

Maximum value of SAR (measured) = 3.99 W/kg



0 dB = 3.99 W/kg = 6.01 dBW/kg

Test Plot 44#: FM_25kHz_153.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BAAA; Serial: LC201130001-BA**

Communication System: FM; Frequency: 153.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.794$ S/m; $\epsilon_r = 61.287$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 153.012 MHz; Calibrated: 2020/2/24
- 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) = 4.25 W/kg

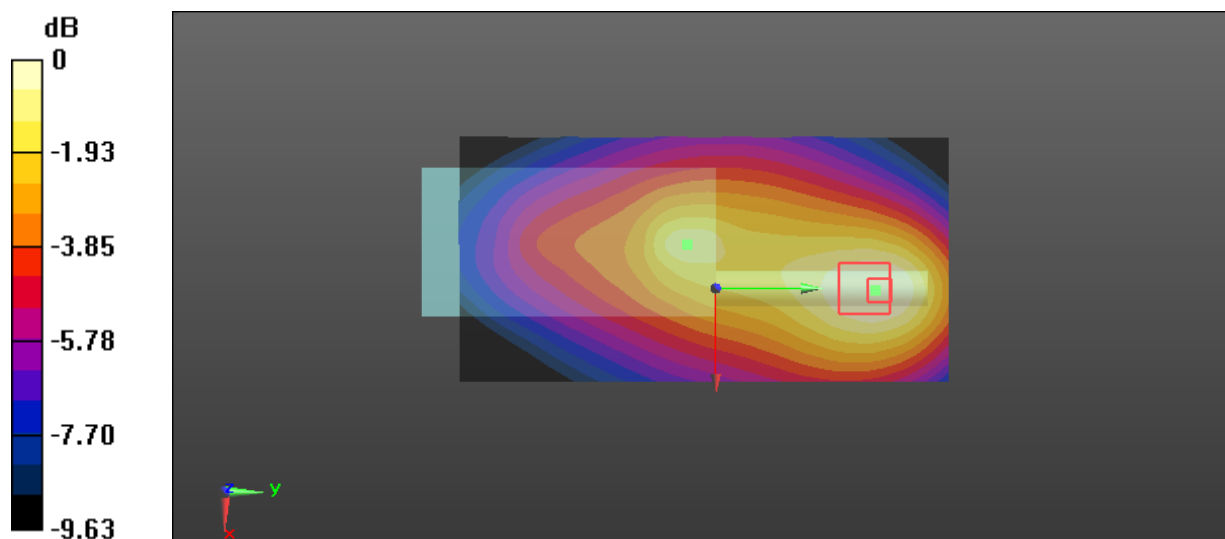
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.85 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 6.90 W/kg

SAR(1 g) = 3.86 W/kg; SAR(10 g) = 2.61 W/kg

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



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

Test Plot 45#: FM_25kHz_153.0125MHz_Body Back with headset**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 153.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.794$ S/m; $\epsilon_r = 61.287$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 153.012 MHz; Calibrated: 2020/2/24
- 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) = 3.77 W/kg

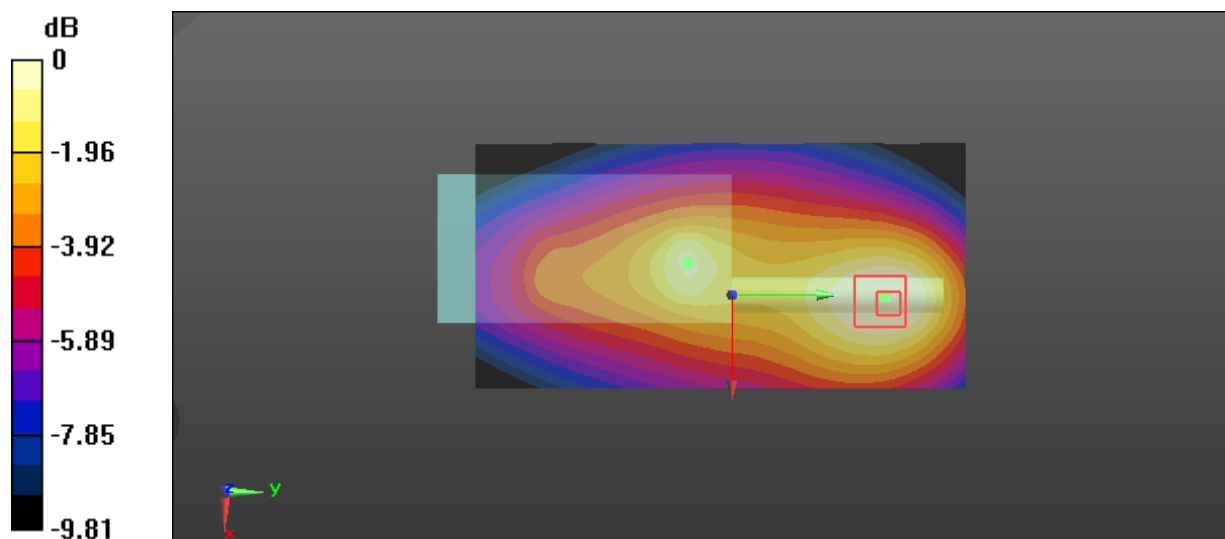
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.81 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 6.09 W/kg

SAR(1 g) = 3.23 W/kg; SAR(10 g) = 2.15 W/kg

Maximum value of SAR (measured) = 3.40 W/kg



0 dB = 3.40 W/kg = 5.31 dBW/kg

Test Plot 46#: FM_12.5kHz_168.5125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 168.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 168.512$ MHz; $\sigma = 0.787$ S/m; $\epsilon_r = 50.534$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 168.512 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) = 1.85 W/kg

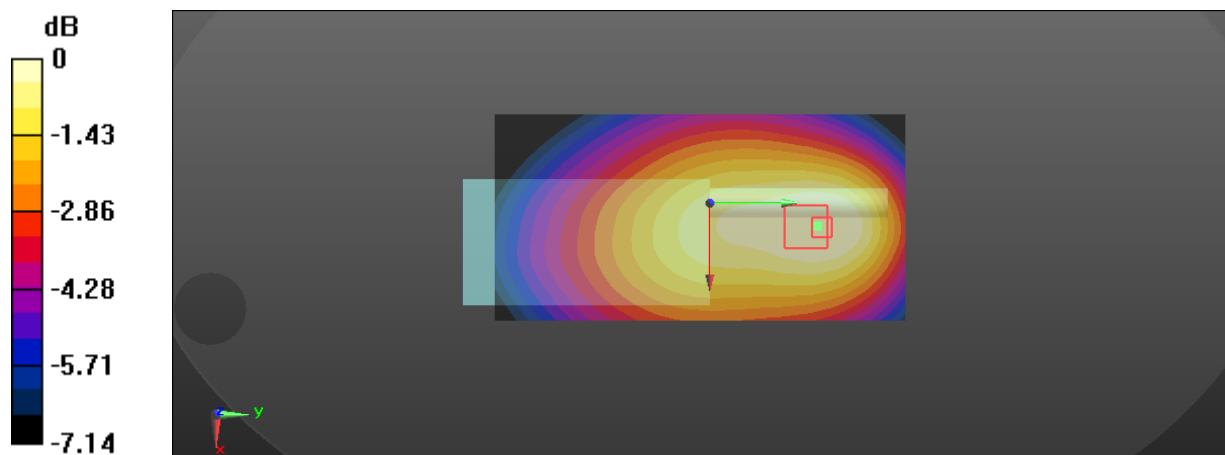
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.72 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 1.66 W/kg; SAR(10 g) = 1.27 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.73 W/kg = 2.38 dBW/kg

Test Plot 47#: FM_25kHz_163.0125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 163.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.778$ S/m; $\epsilon_r = 50.802$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 163.012 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) = 1.53 W/kg

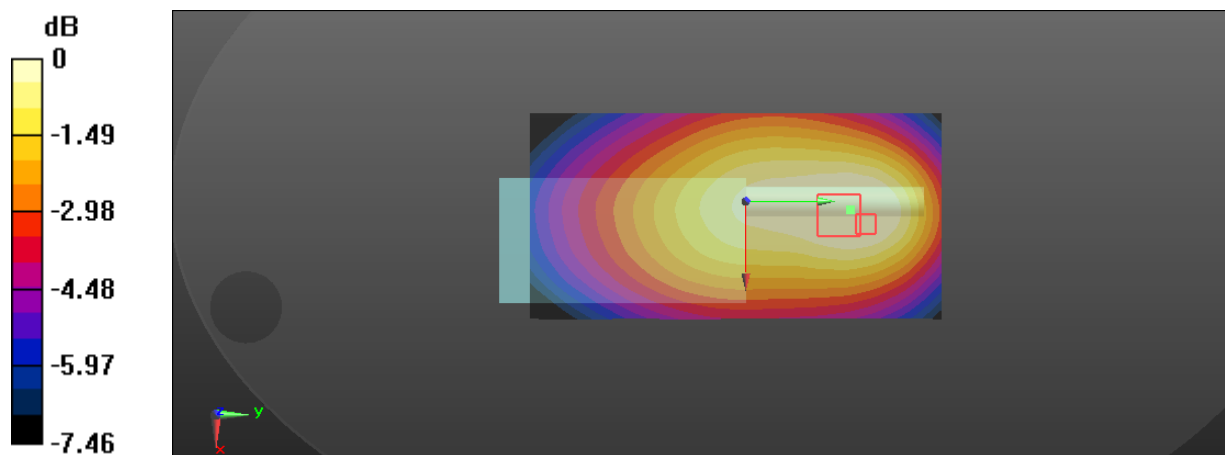
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.17 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 1.33 W/kg; SAR(10 g) = 1.01 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

Test Plot 48#: FM_25kHz_168.5125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 168.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 168.512$ MHz; $\sigma = 0.787$ S/m; $\epsilon_r = 50.534$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 168.512 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) = 1.95 W/kg

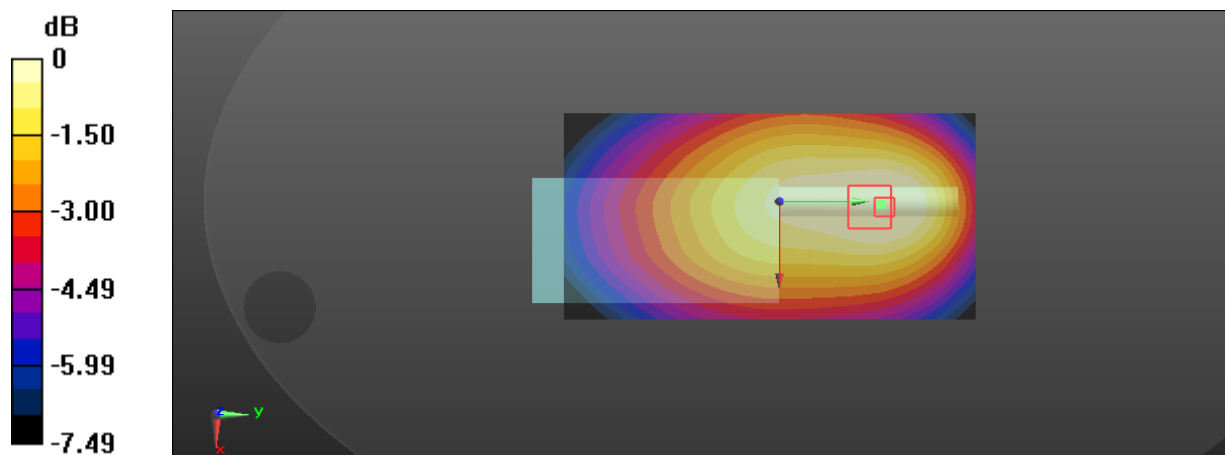
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.11 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.73 W/kg; SAR(10 g) = 1.31 W/kg

Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 1.81 W/kg = 2.58 dBW/kg

Test Plot 49#: FM_25kHz_173.9875MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

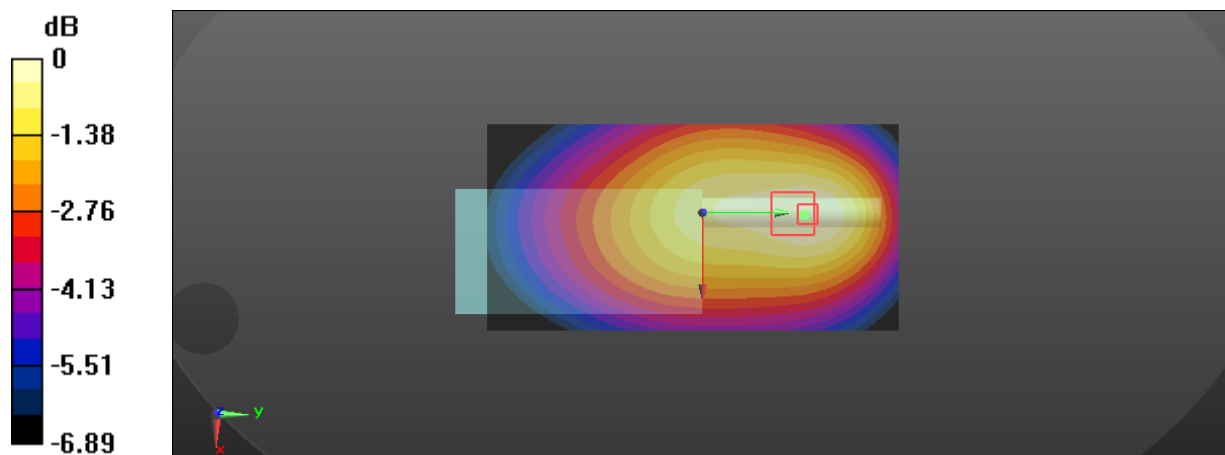
Communication System: FM; Frequency: 173.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 173.988 \text{ MHz}$; $\sigma = 0.795 \text{ S/m}$; $\epsilon_r = 50.416$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 173.988 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) = 1.06 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 34.39 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 1.40 W/kg **SAR(1 g) = 1 W/kg ; SAR(10 g) = 0.766 W/kg** Maximum value of SAR (measured) = 1.05 W/kg 0 dB = 1.05 W/kg = 0.21 dBW/kg

Test Plot 50#:4FSK_168.5125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: 4FSK; Frequency: 168.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 168.512$ MHz; $\sigma = 0.787$ S/m; $\epsilon_r = 50.534$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 168.512 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) = 0.878 W/kg

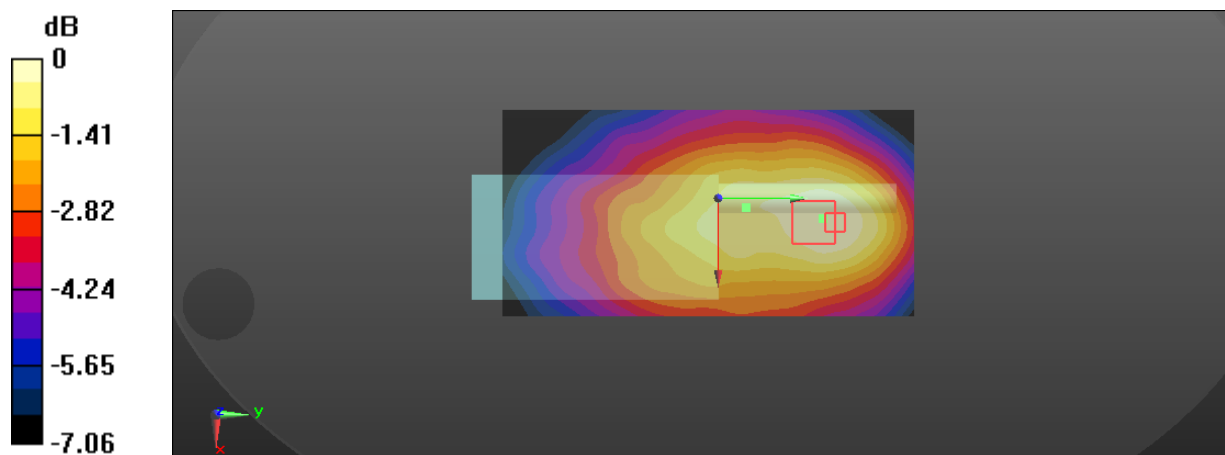
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.26 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.619 W/kg

Maximum value of SAR (measured) = 0.871 W/kg



0 dB = 0.871 W/kg = -0.60 dBW/kg

Test Plot 51#: FM_25kHz_168.5125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BBAA; Serial: LC201130001-BB**

Communication System: FM; Frequency: 168.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 168.512$ MHz; $\sigma = 0.787$ S/m; $\epsilon_r = 50.534$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 168.512 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) = 1.77 W/kg

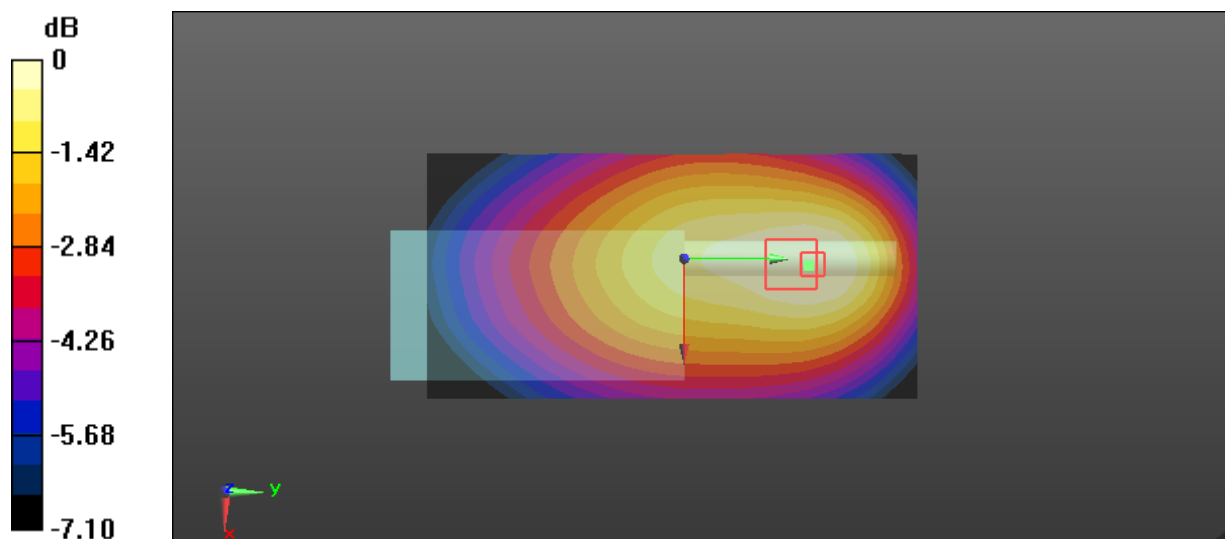
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.69 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.30 W/kg

SAR(1 g) = 1.61 W/kg; SAR(10 g) = 1.23 W/kg

Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

Test Plot 52#: FM_25kHz_168.5125MHz_Face Up**DUT: Two way radio; Type: T03-00302-BAAA; Serial: LC201130001-BA**

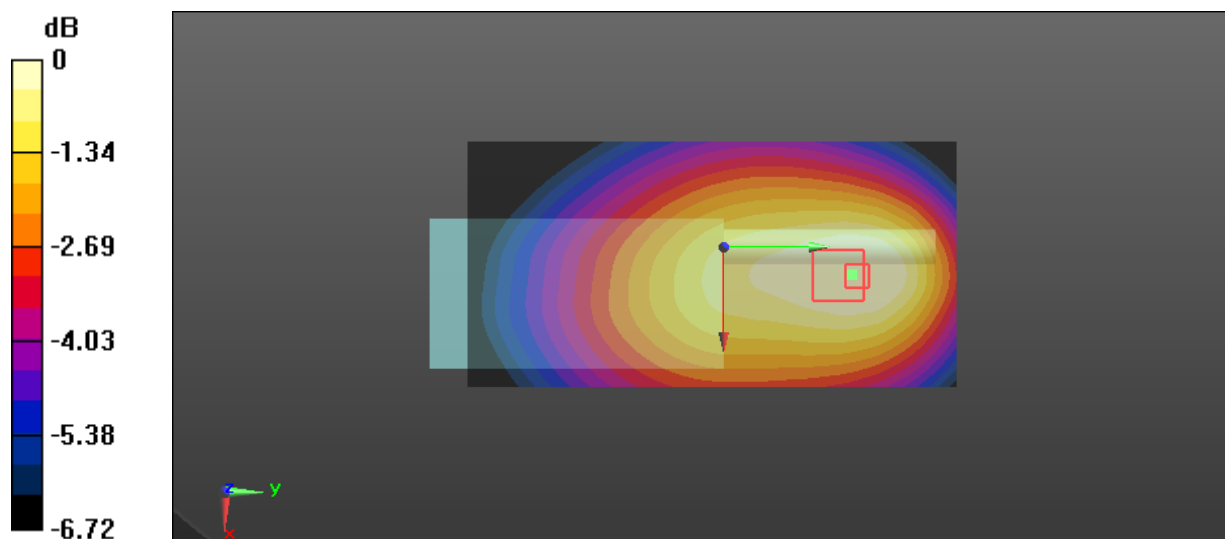
Communication System: FM; Frequency: 168.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 168.512 \text{ MHz}$; $\sigma = 0.787 \text{ S/m}$; $\epsilon_r = 50.534$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 168.512 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) = 1.75 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 43.66 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 2.21 W/kg **SAR(1 g) = 1.58 W/kg ; SAR(10 g) = 1.21 W/kg** Maximum value of SAR (measured) = 1.64 W/kg 0 dB = 1.64 W/kg = 2.15 dBW/kg

Test Plot 53#: FM_12.5kHz_163.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 163.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.807$ S/m; $\epsilon_r = 60.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 163.012 MHz; Calibrated: 2020/2/24
- 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) = 3.41 W/kg

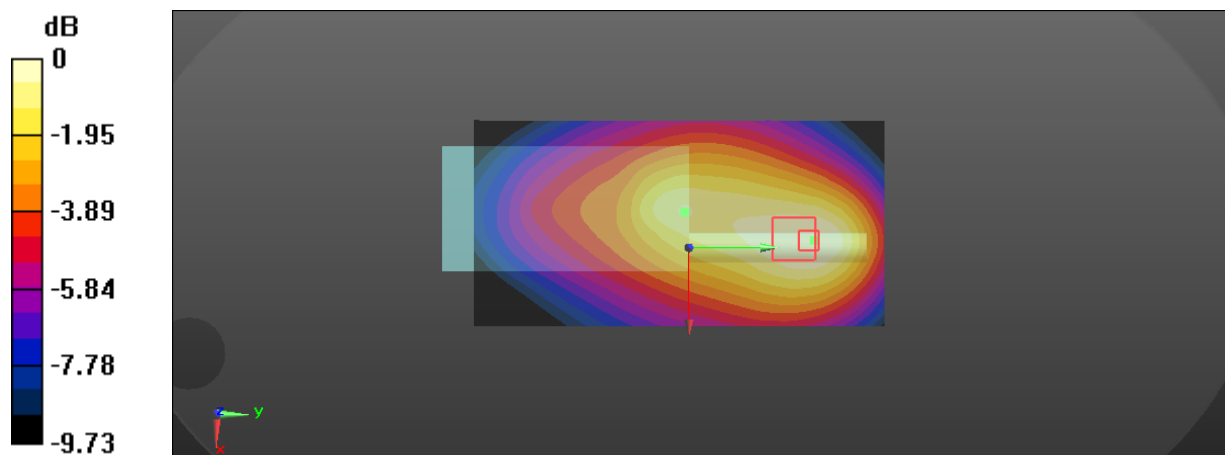
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.94 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.97 W/kg

SAR(1 g) = 3.04 W/kg; SAR(10 g) = 2.13 W/kg

Maximum value of SAR (measured) = 3.19 W/kg



0 dB = 3.19 W/kg = 5.04 dBW/kg

Test Plot 54#: FM_25kHz_163.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 163.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.807$ S/m; $\epsilon_r = 60.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 163.012 MHz; Calibrated: 2020/2/24
- 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) = 3.85 W/kg

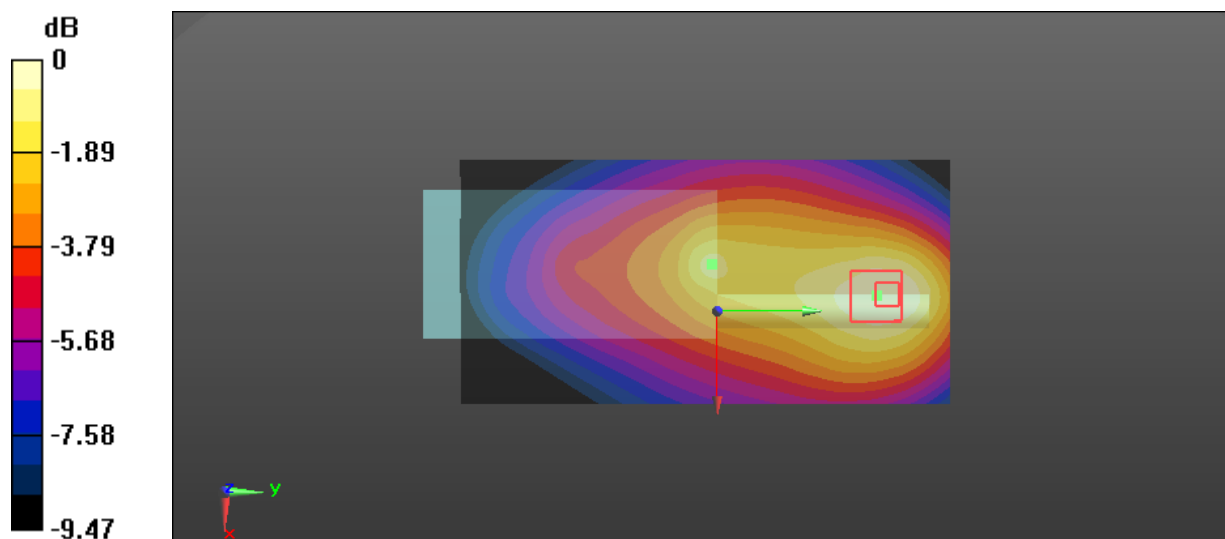
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.64 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 6.83 W/kg

SAR(1 g) = 3.65 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 3.78 W/kg



0 dB = 3.78 W/kg = 5.77 dBW/kg

Test Plot 55#: FM_25kHz_168.5125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

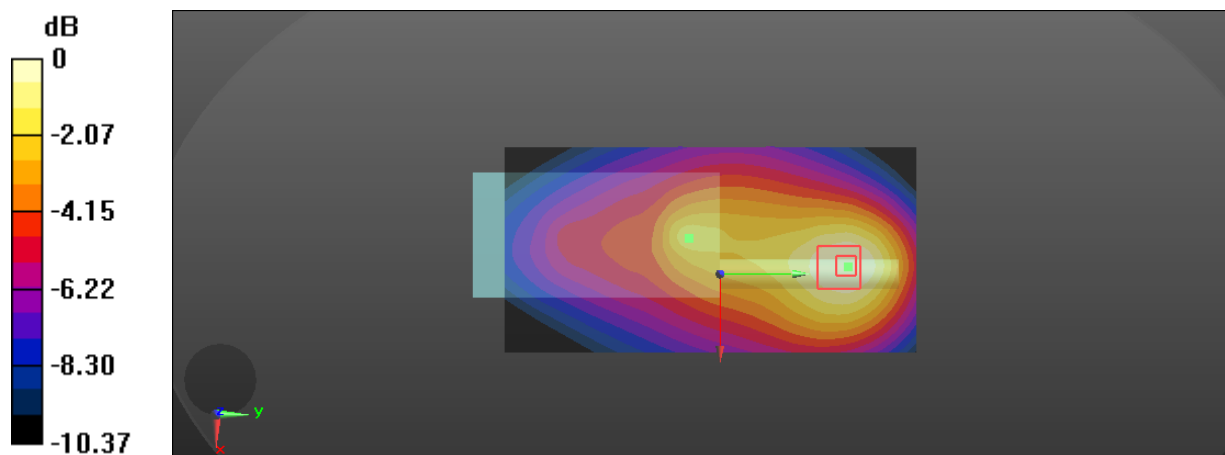
Communication System: FM; Frequency: 168.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 168.512 \text{ MHz}$; $\sigma = 0.835 \text{ S/m}$; $\epsilon_r = 60.128$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 168.512 MHz; Calibrated: 2020/2/24
- 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) = 1.94 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 36.03 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 3.29 W/kg **SAR(1 g) = 1.74 W/kg ; SAR(10 g) = 1.13 W/kg** Maximum value of SAR (measured) = 1.81 W/kg 0 dB = 1.81 W/kg = 2.58 dBW/kg

Test Plot 56#: FM_25kHz_173.9875MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 173.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 173.988 \text{ MHz}$; $\sigma = 0.839 \text{ S/m}$; $\epsilon_r = 59.881$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 173.988 MHz; Calibrated: 2020/2/24
- 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) = 1.98 W/kg

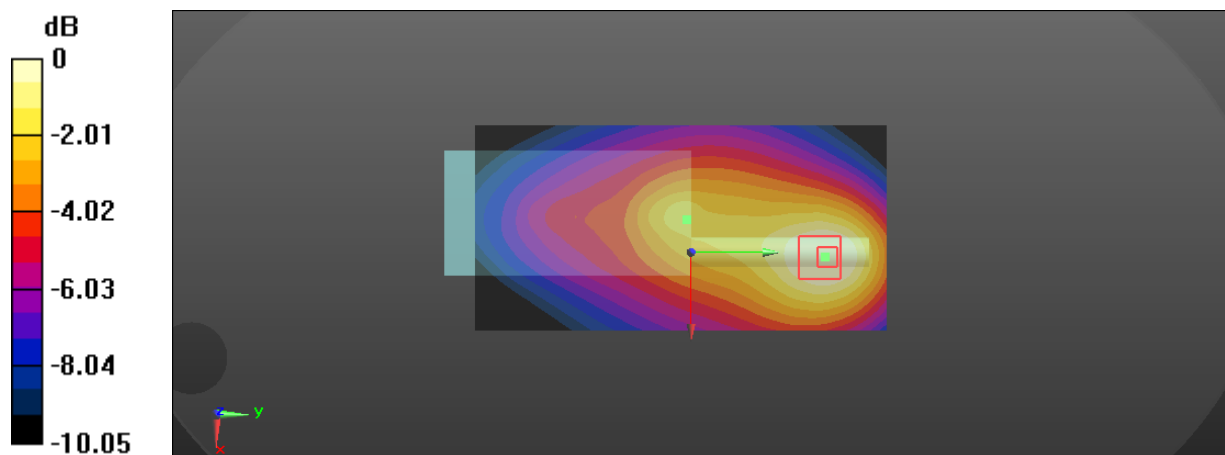
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.61 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.19 W/kg

SAR(1 g) = 1.73 W/kg; SAR(10 g) = 1.13 W/kg

Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg

Test Plot 57#:4FSK_163.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: 4FSK; Frequency: 163.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.807$ S/m; $\epsilon_r = 60.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 163.012 MHz; Calibrated: 2020/2/24
- 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) = 2.31 W/kg

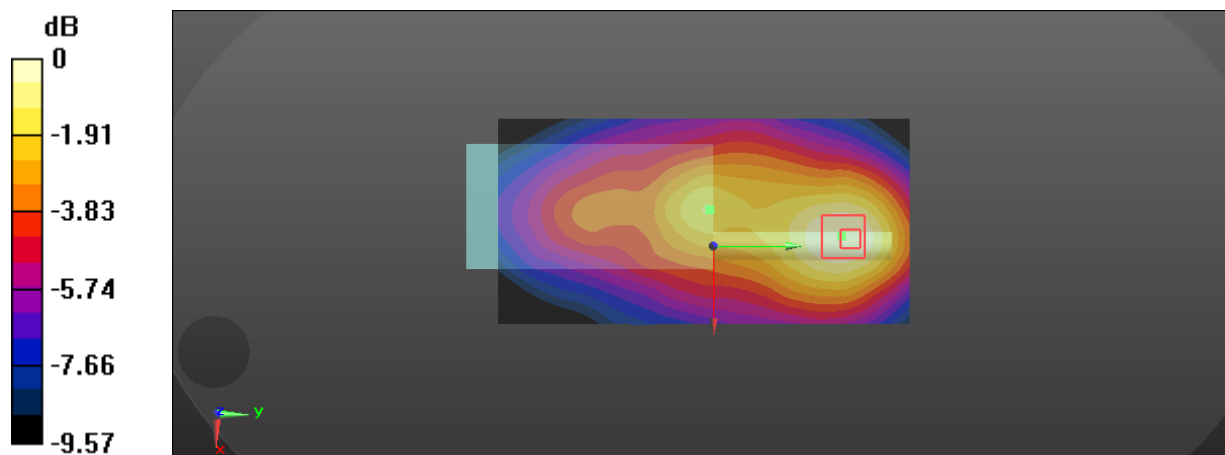
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.68 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.57 W/kg

SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.37 W/kg

Maximum value of SAR (measured) = 2.07 W/kg



0 dB = 2.07 W/kg = 3.16 dBW/kg

Test Plot 58#: FM_25kHz_163.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BBAA; Serial: LC201130001-BB**

Communication System: FM; Frequency: 163.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.807$ S/m; $\epsilon_r = 60.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 163.012 MHz; Calibrated: 2020/2/24
- 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) = 3.86 W/kg

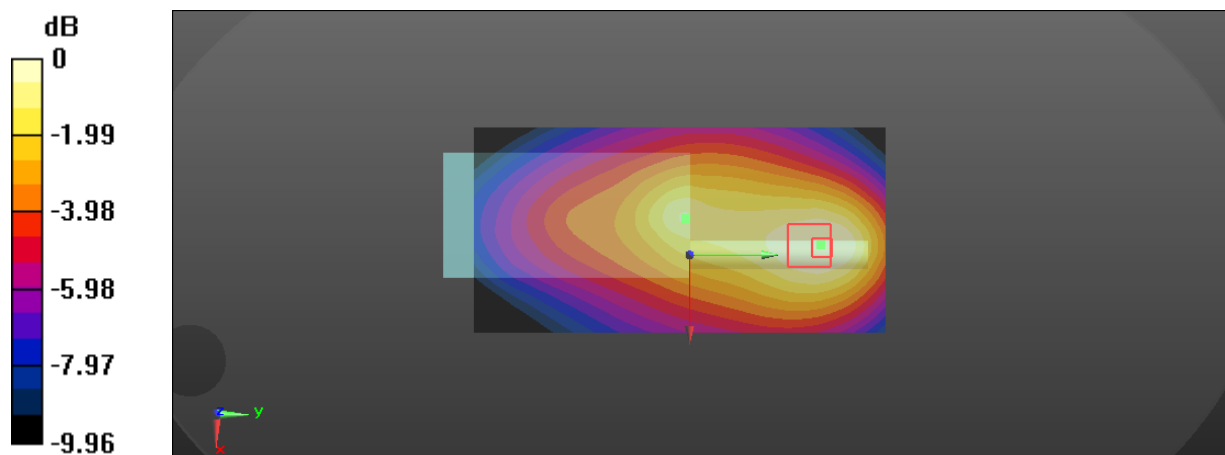
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.34 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 5.94 W/kg

SAR(1 g) = 3.41 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (measured) = 3.57 W/kg



0 dB = 3.57 W/kg = 5.53 dBW/kg

Test Plot 59#: FM_25kHz_163.0125MHz_Body Back**DUT: Two way radio; Type: T03-00302-BAAA; Serial: LC201130001-BA**

Communication System: FM; Frequency: 163.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.807$ S/m; $\epsilon_r = 60.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 163.012 MHz; Calibrated: 2020/2/24
- 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) = 3.97 W/kg

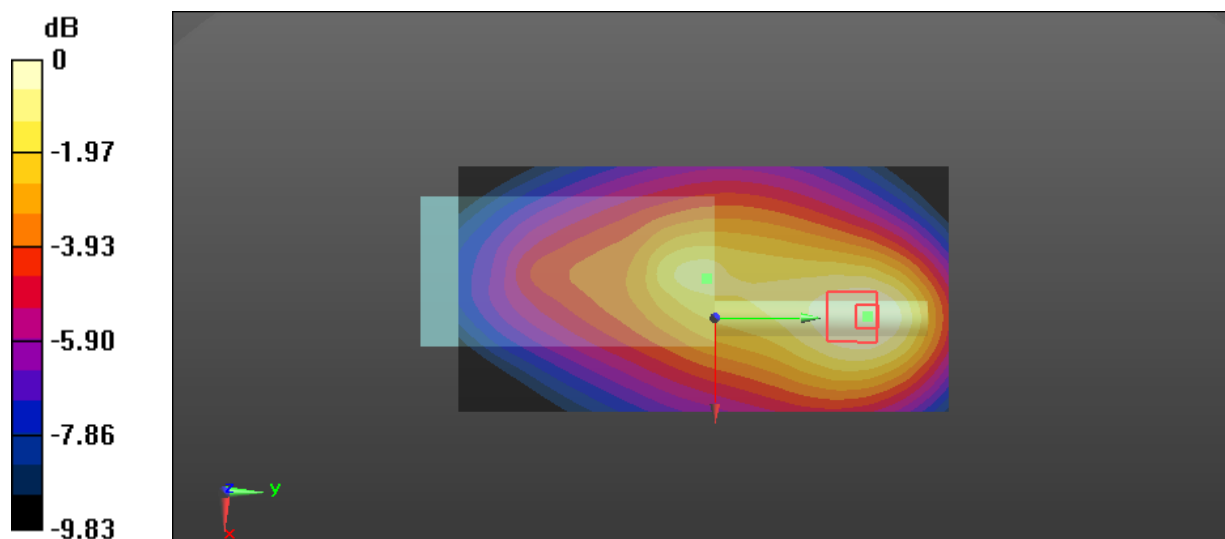
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.77 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 6.34 W/kg

SAR(1 g) = 3.57 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 3.75 W/kg



0 dB = 3.75 W/kg = 5.74 dBW/kg

Test Plot 60#: FM_25kHz_163.0125MHz_Body Back with headset**DUT: Two way radio; Type: T03-00302-BCAA; Serial: LC201130001-BC**

Communication System: FM; Frequency: 163.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.807$ S/m; $\epsilon_r = 60.551$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 163.012 MHz; Calibrated: 2020/2/24
- 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) = 3.46 W/kg

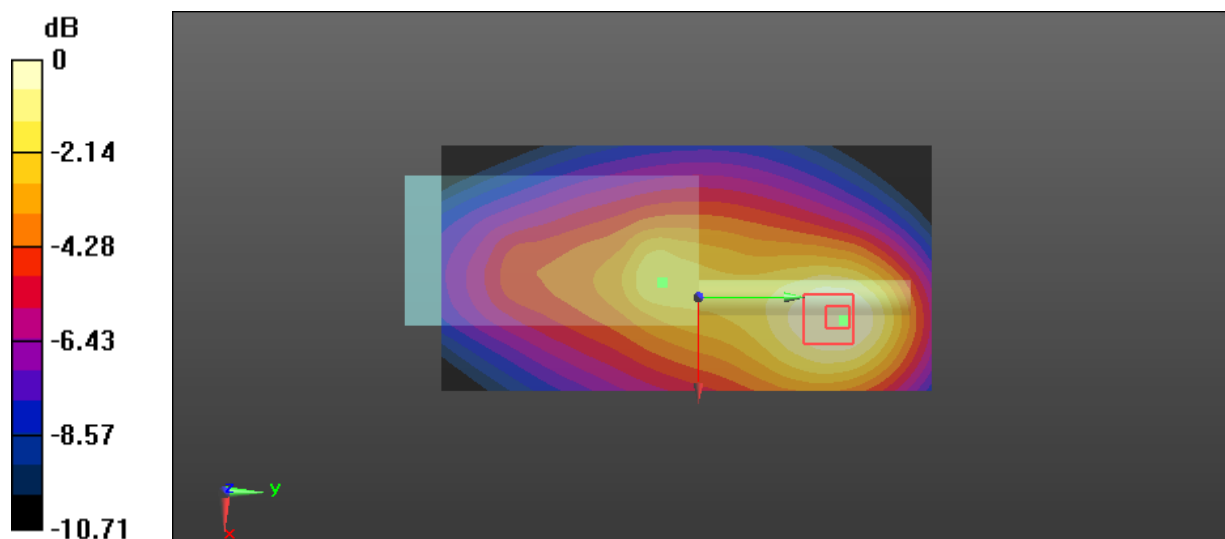
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.80 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 5.96 W/kg

SAR(1 g) = 3.16 W/kg; SAR(10 g) = 2.09 W/kg

Maximum value of SAR (measured) = 3.27 W/kg



0 dB = 3.27 W/kg = 5.15 dBW/kg