

Test Plot 1#:FM_12.5kHz_140.5125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 140.512$ MHz; $\sigma = 0.739$ S/m; $\epsilon_r = 54.272$; $\rho = 1000$ 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) = 0.793 W/kg

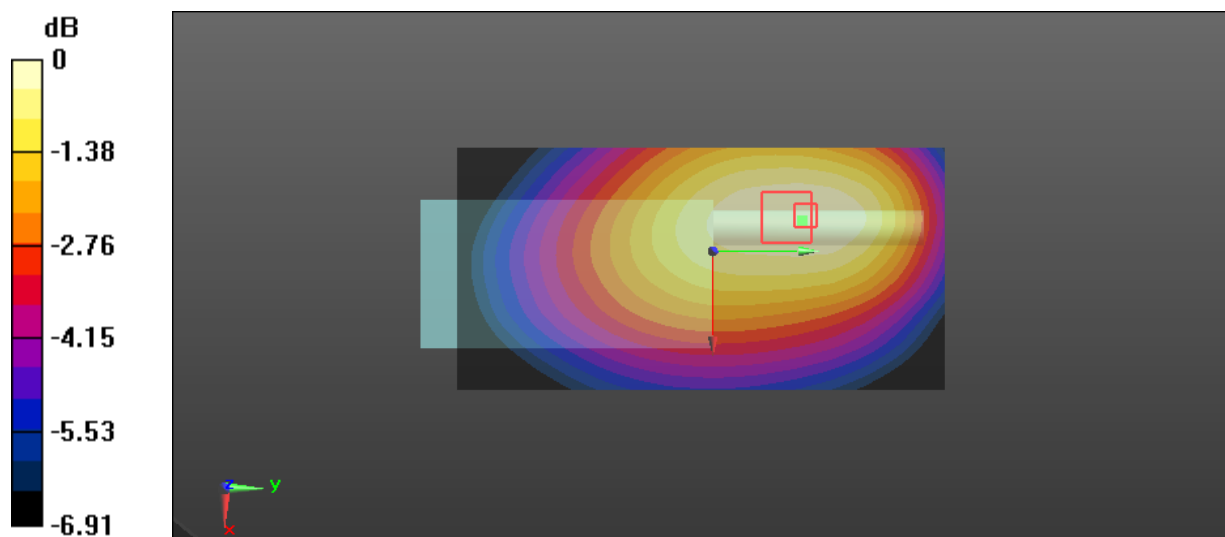
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.63 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.591 W/kg

Maximum value of SAR (measured) = 0.789 W/kg



0 dB = 0.789 W/kg = -1.03 dBW/kg

Test Plot 2#: FM_25kHz_136.0125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.736$ S/m; $\epsilon_r = 54.57$; $\rho = 1000$ 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) = 1.18 W/kg

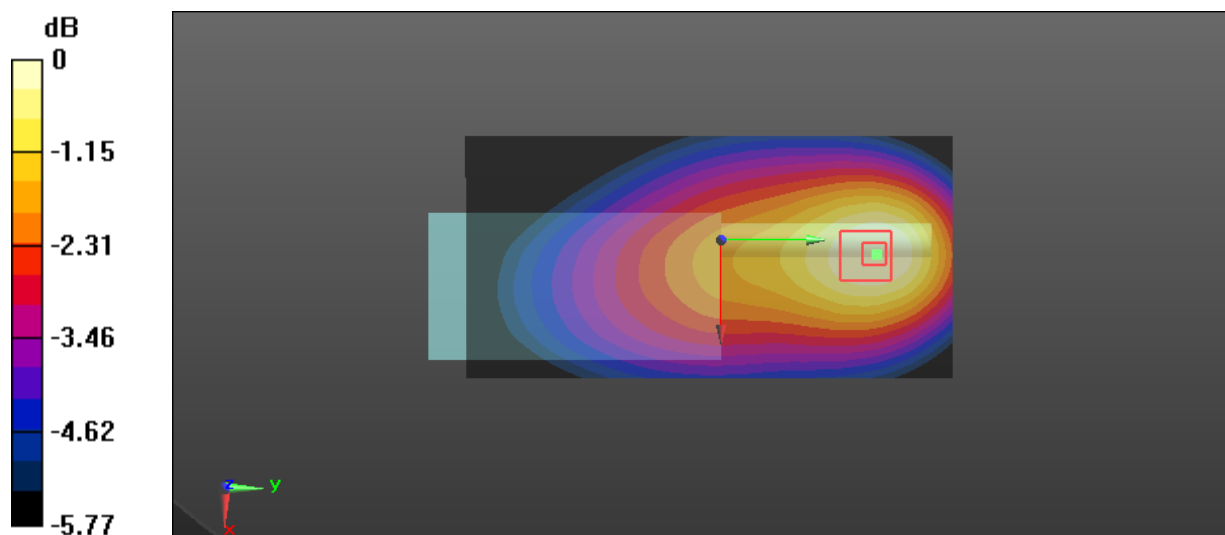
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.81 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.794 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

Test Plot 3#: FM_25kHz_140.512MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 140.512 \text{ MHz}$; $\sigma = 0.739 \text{ S/m}$; $\epsilon_r = 54.272$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.35 W/kg

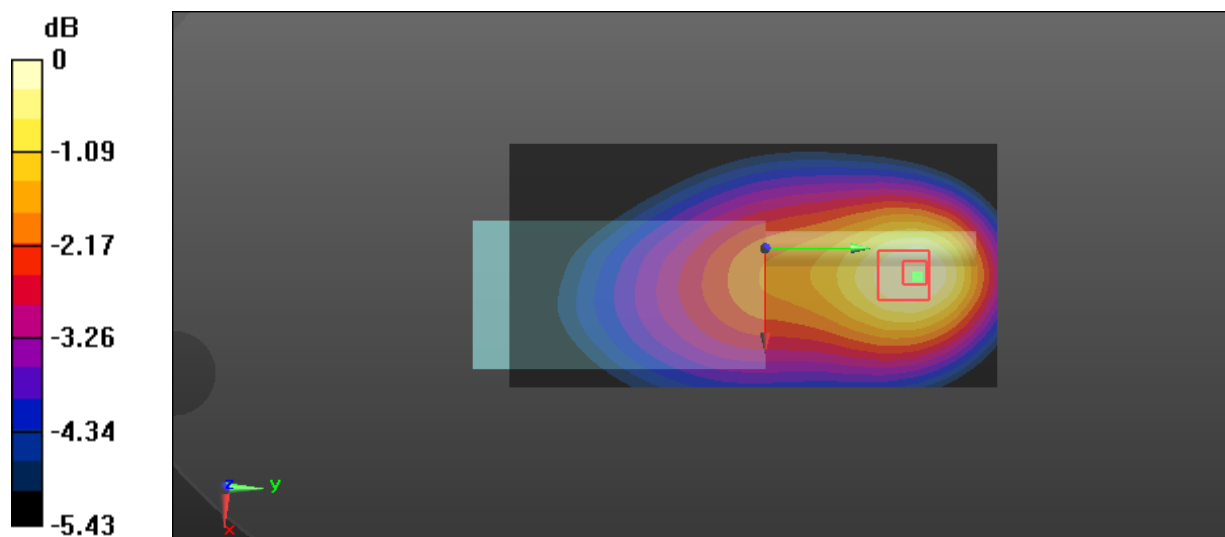
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.17 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.906 W/kg

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



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

Test Plot 4#: FM_25kHz_144.987MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 144.988$ MHz; $\sigma = 0.751$ S/m; $\epsilon_r = 53.02$; $\rho = 1000$ kg/m³

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 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.523 W/kg

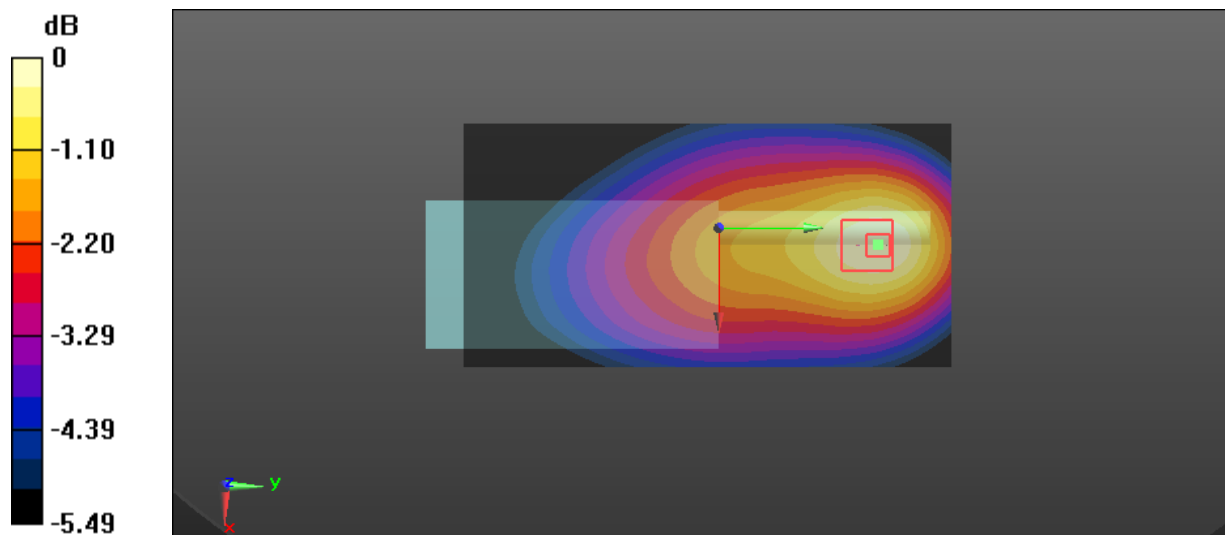
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.18 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.367 W/kg

Maximum value of SAR (measured) = 0.521 W/kg



0 dB = 0.521 W/kg = -2.83 dBW/kg

Test Plot 5#:4FSK_140.5125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

Communication System: 4FSK; Frequency: 140.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 140.512$ MHz; $\sigma = 0.739$ S/m; $\epsilon_r = 54.272$; $\rho = 1000$ 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) = 0.405 W/kg

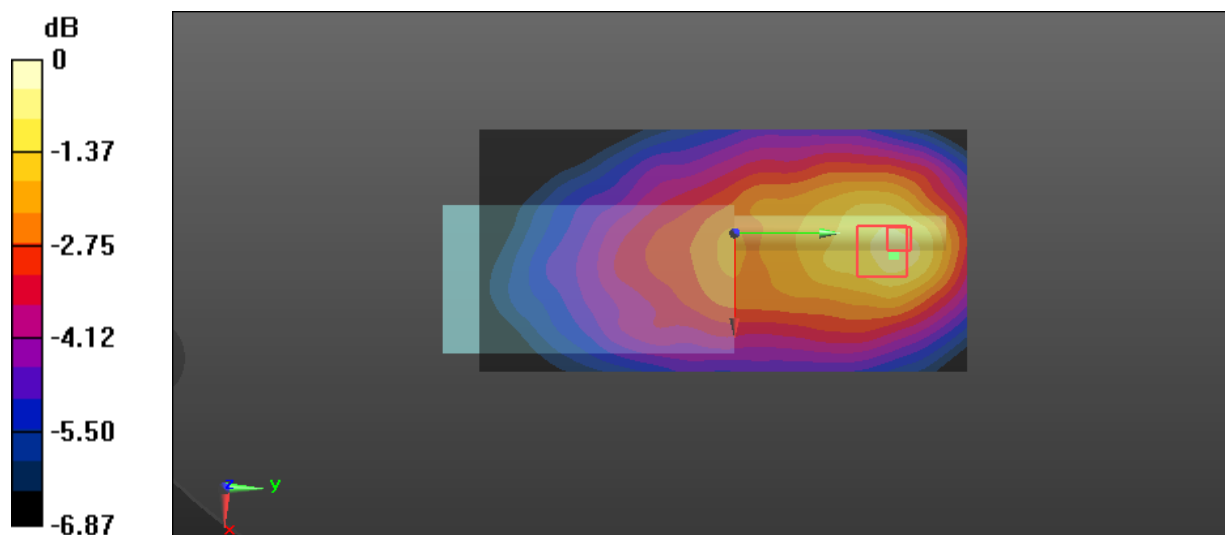
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.14 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.773 W/kg

SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 0.471 W/kg



0 dB = 0.471 W/kg = -3.27 dBW/kg

Test Plot 6#: FM_25kHz_140.512MHz_Face Up**DUT: Two way radio; Type: T03-00303-BBAA; Serial: LC201150001-BB**

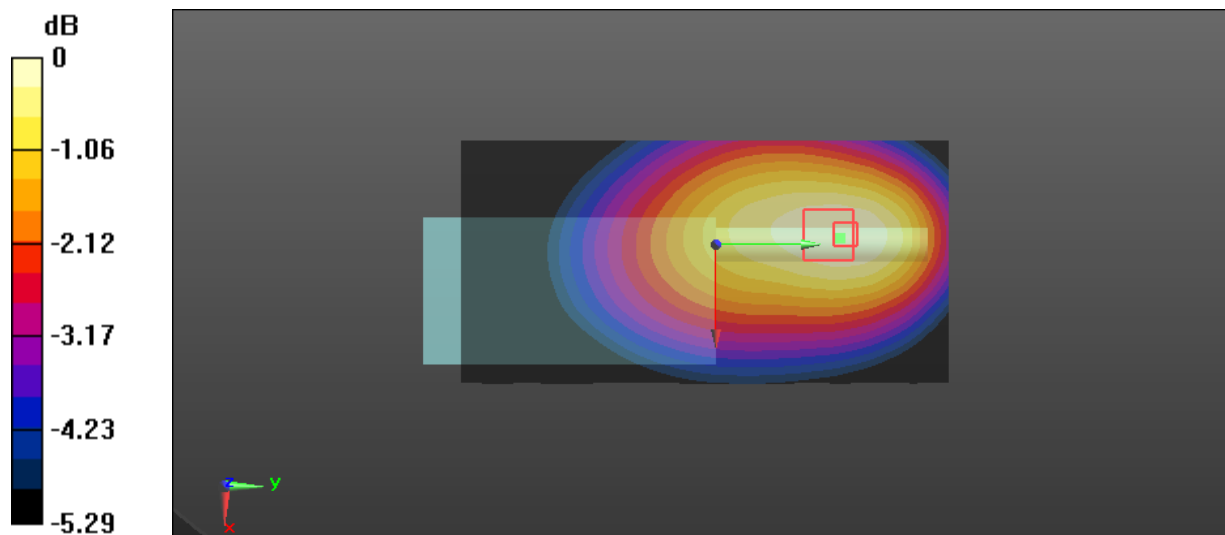
Communication System: FM; Frequency: 140.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 140.512 \text{ MHz}$; $\sigma = 0.739 \text{ S/m}$; $\epsilon_r = 54.272$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.831 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 32.57 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 1.10 W/kg **SAR(1 g) = 0.792 W/kg ; SAR(10 g) = 0.605 W/kg** Maximum value of SAR (measured) = 0.824 W/kg 0 dB = 0.824 W/kg = -0.84 dBW/kg

Test Plot 7#: FM_25kHz_140.512MHz_Face Up**DUT: Two way radio; Type: T03-00303-BAAA; Serial: LC201150001-BA**

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

Medium parameters used: $f = 140.512$ MHz; $\sigma = 0.739$ S/m; $\epsilon_r = 54.272$; $\rho = 1000$ 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) = 0.866 W/kg

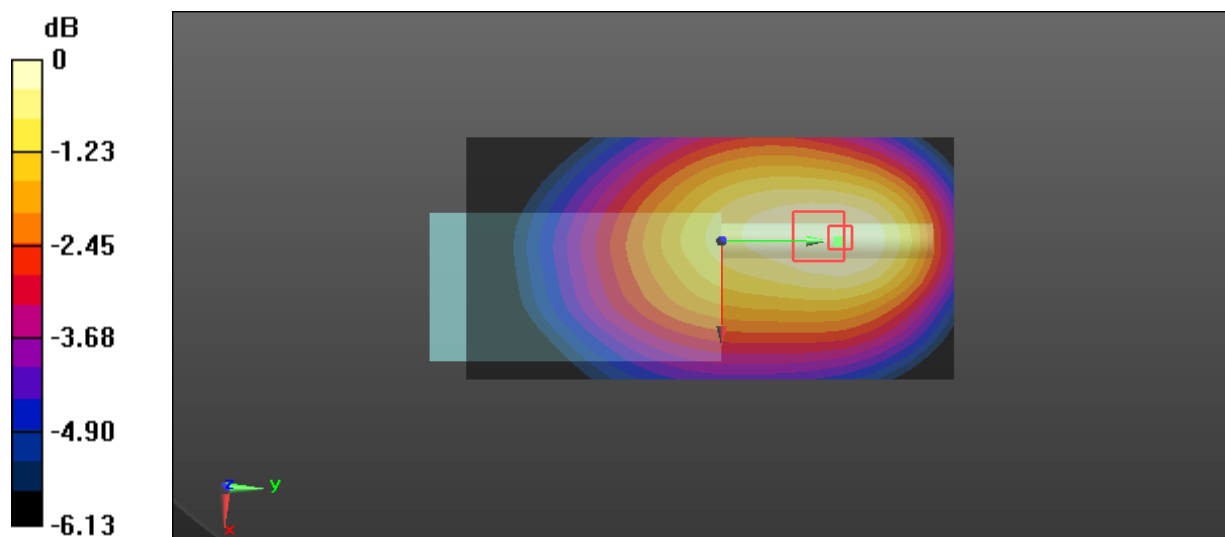
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.04 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.628 W/kg

Maximum value of SAR (measured) = 0.846 W/kg



0 dB = 0.846 W/kg = -0.73 dBW/kg

Test Plot 8#: FM_12.5kHz_136.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.771$ S/m; $\epsilon_r = 64.196$; $\rho = 1000$ 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) = 2.14 W/kg

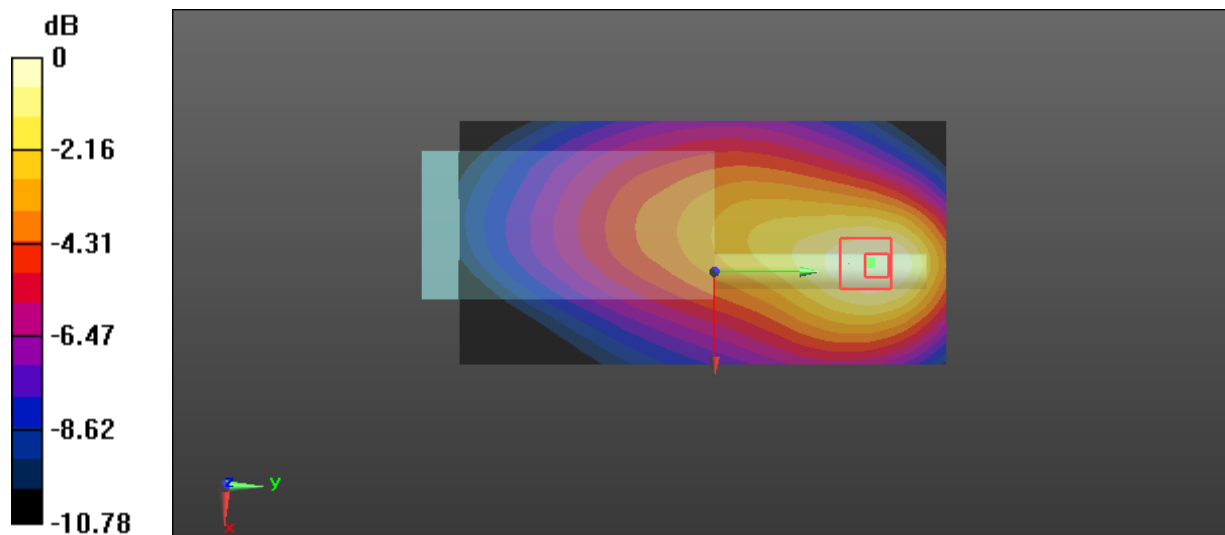
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.92 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.47 W/kg

SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.27 W/kg

Maximum value of SAR (measured) = 2.05 W/kg



0 dB = 2.05 W/kg = 3.12 dBW/kg

Test Plot 9#: FM_25kHz_136.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.771$ S/m; $\epsilon_r = 64.196$; $\rho = 1000$ 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) = 2.35 W/kg

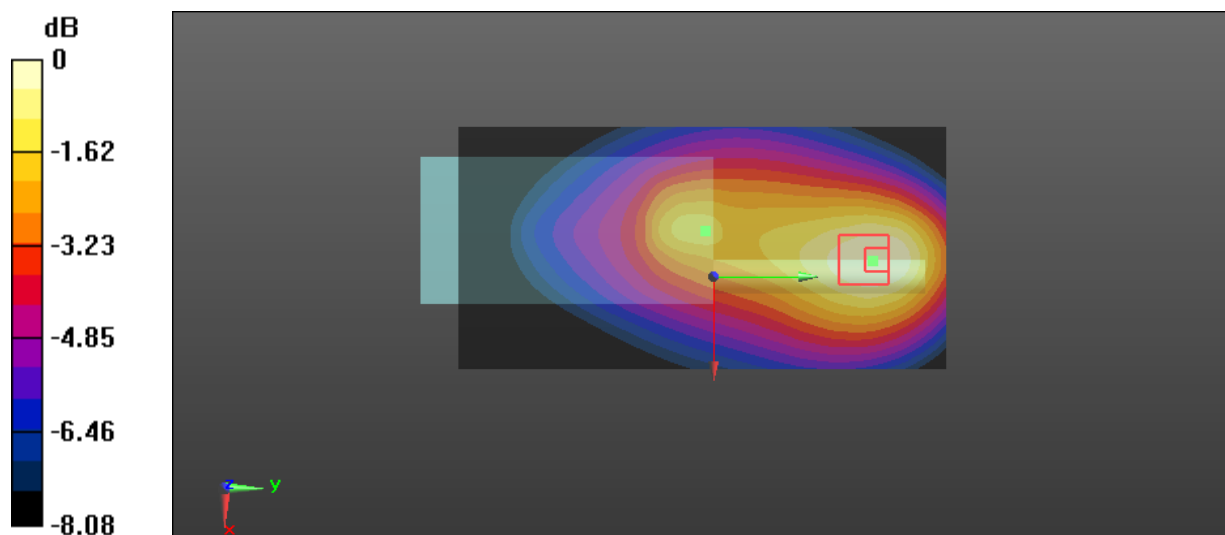
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.01 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.65 W/kg

SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.44 W/kg

Maximum value of SAR (measured) = 2.27 W/kg



0 dB = 2.27 W/kg = 3.56 dBW/kg

Test Plot 10#: FM_25kHz_140.5125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

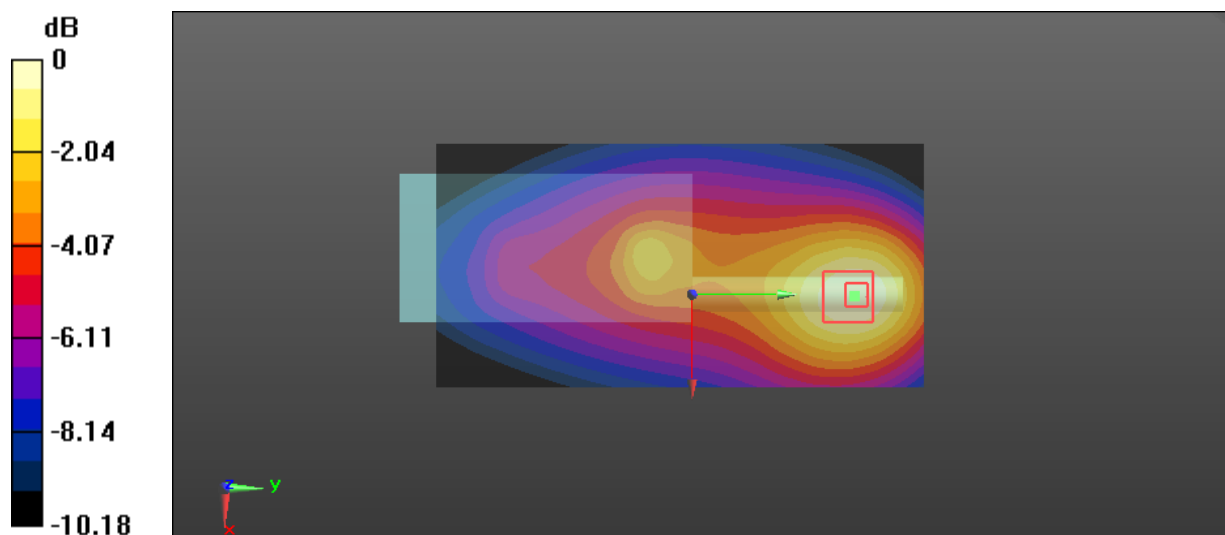
Communication System: FM; Frequency: 140.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 140.512 \text{ MHz}$; $\sigma = 0.774 \text{ S/m}$; $\epsilon_r = 63.595$; $\rho = 1000 \text{ kg/m}^3$

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) = 1.70 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 29.41 V/m ; Power Drift = 0.15 dB Peak SAR (extrapolated) = 2.76 W/kg **SAR(1 g) = 1.59 W/kg ; SAR(10 g) = 1.03 W/kg** Maximum value of SAR (measured) = 1.68 W/kg 0 dB = 1.68 W/kg = 2.25 dBW/kg

Test Plot 11#: FM_25kHz_144.9875MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 144.988$ MHz; $\sigma = 0.779$ S/m; $\epsilon_r = 62.915$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 144.987 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 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.806 W/kg

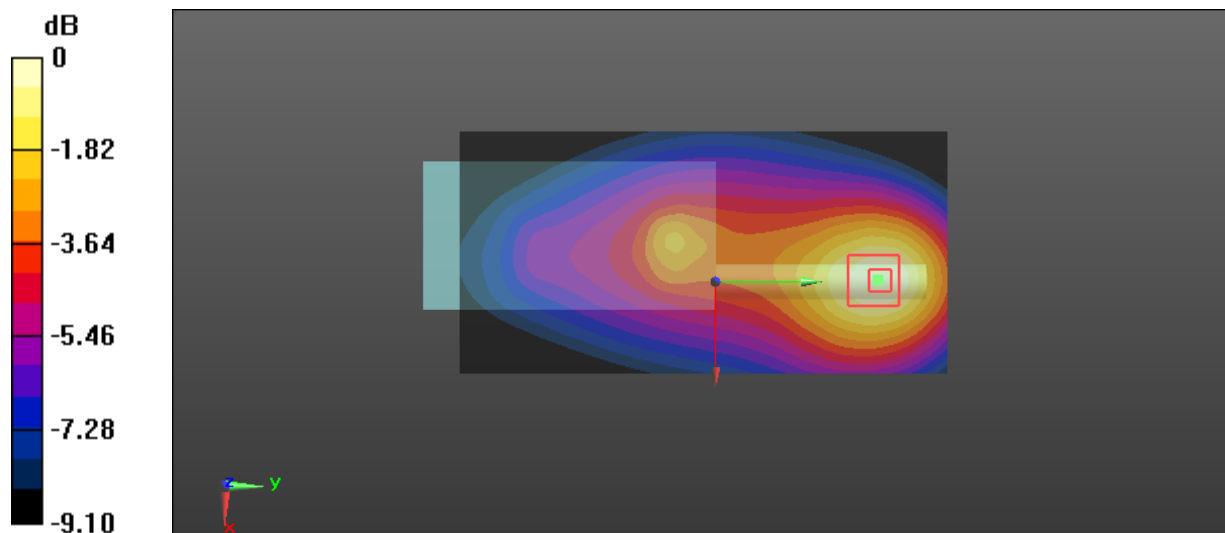
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.57 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.491 W/kg

Maximum value of SAR (measured) = 0.798 W/kg



0 dB = 0.798 W/kg = -0.98 dBW/kg

Test Plot 12#:4FSK_136.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.771$ S/m; $\epsilon_r = 64.196$; $\rho = 1000$ 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) = 1.16 W/kg

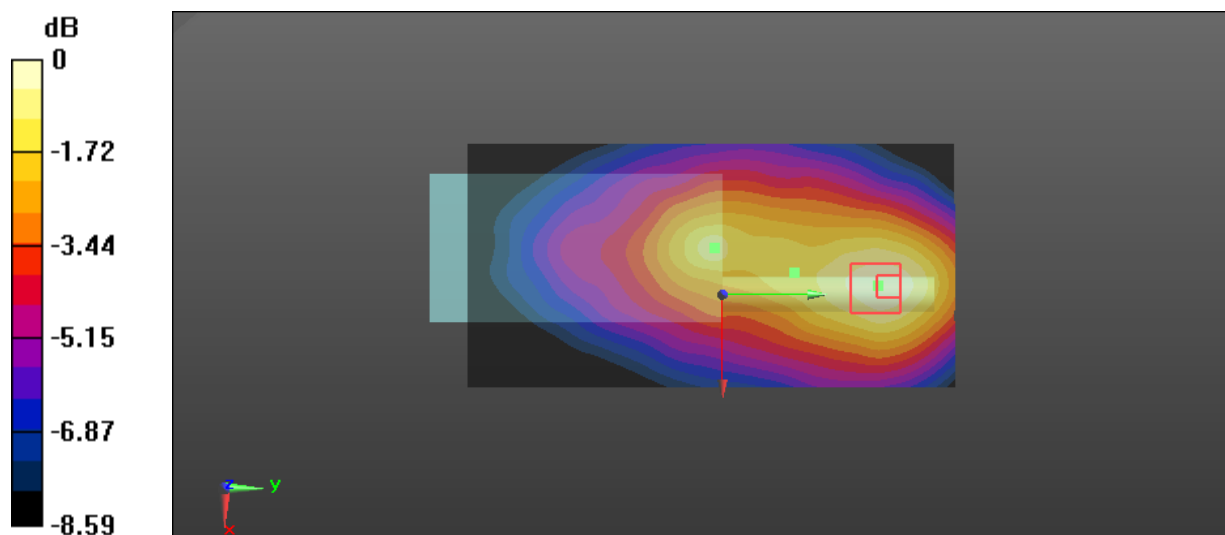
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.60 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.779 W/kg

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



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

Test Plot 13#: FM_25kHz_136.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BBAA; Serial: LC201150001-BB**

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

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.771$ S/m; $\epsilon_r = 64.196$; $\rho = 1000$ 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) = 2.18 W/kg

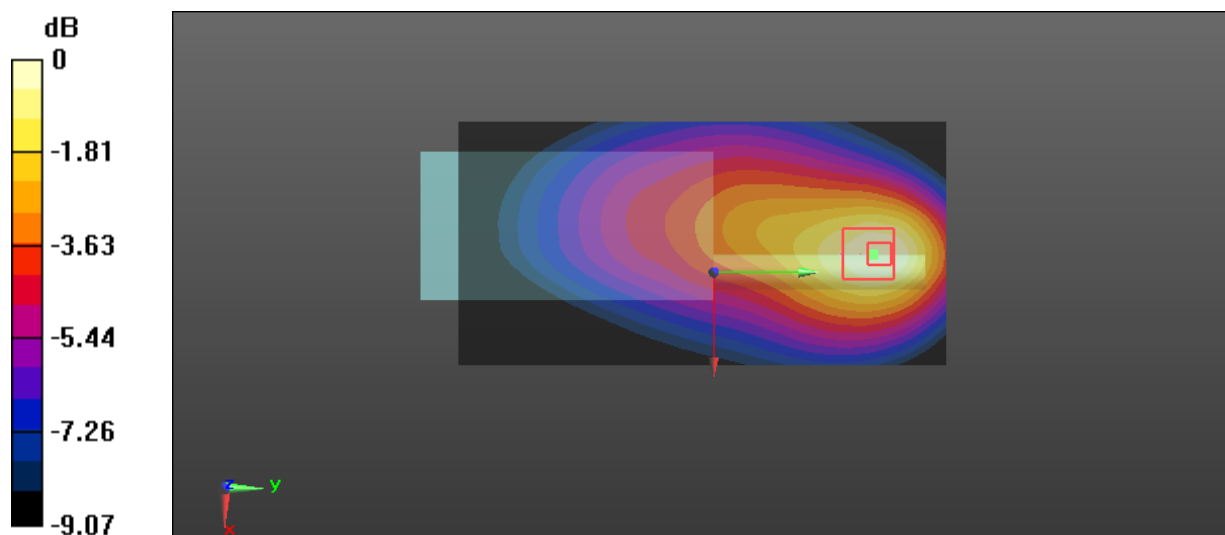
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.10 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.75 W/kg

SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.31 W/kg

Maximum value of SAR (measured) = 2.15 W/kg



0 dB = 2.15 W/kg = 3.32 dBW/kg

Test Plot 14#: FM_25kHz_136.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BAAA; Serial: LC201150001-BA**

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

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.771$ S/m; $\epsilon_r = 64.196$; $\rho = 1000$ 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) = 2.14 W/kg

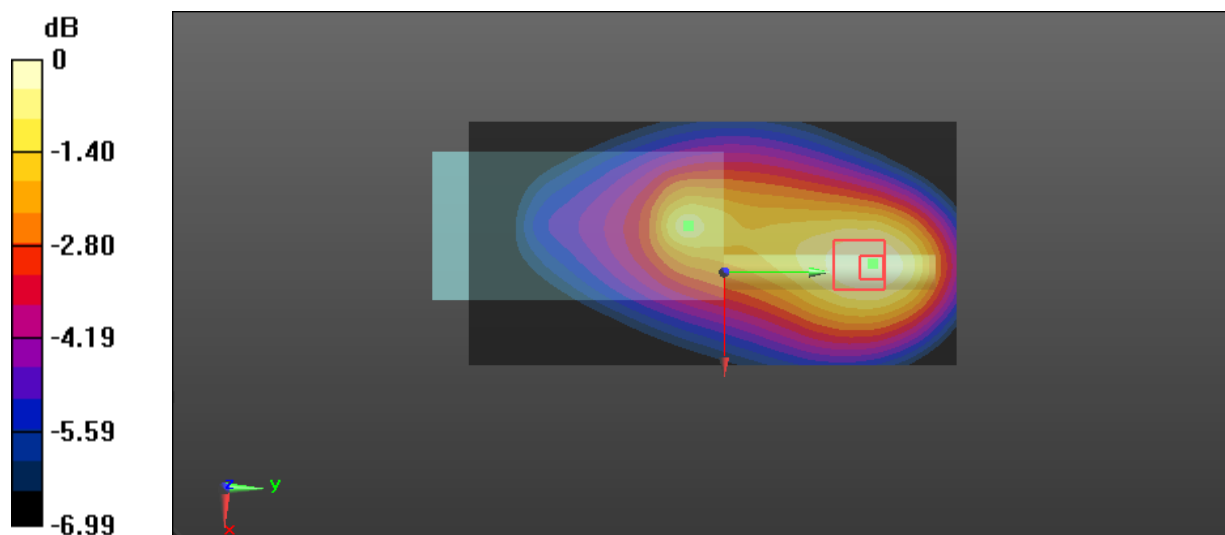
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.10 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.38 W/kg

Maximum value of SAR (measured) = 2.11 W/kg



0 dB = 2.11 W/kg = 3.24 dBW/kg

Test Plot 15#: FM_25kHz_136.0125MHz_Body Back with headset**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.771$ S/m; $\epsilon_r = 64.196$; $\rho = 1000$ 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) = 2.13 W/kg

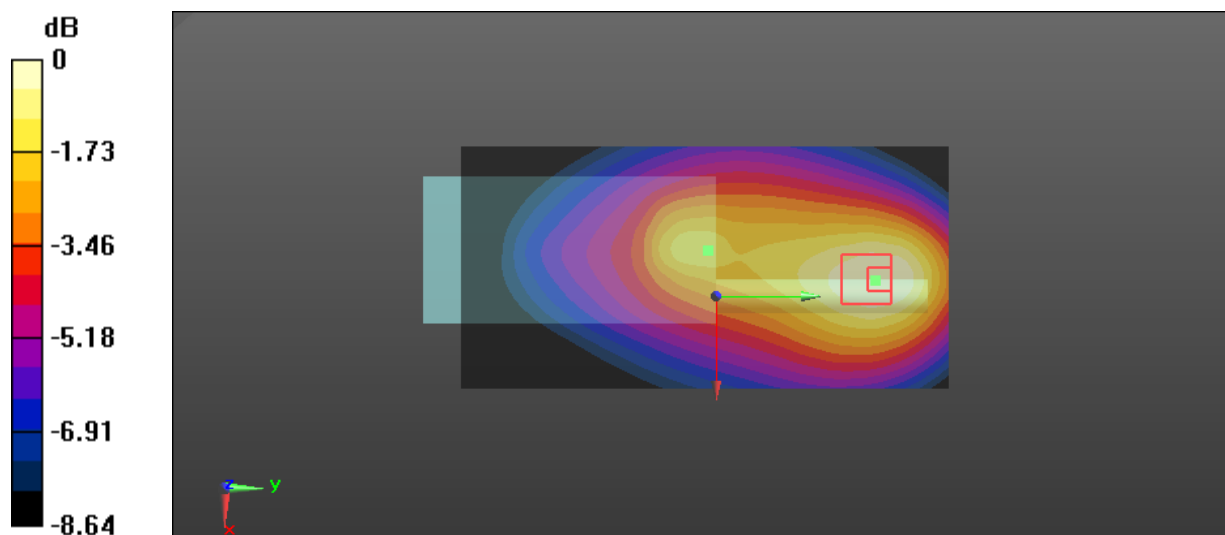
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.05 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.32 W/kg

SAR(1 g) = 1.95 W/kg; SAR(10 g) = 1.32 W/kg

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



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

Test Plot 16#: FM_12.5kHz_149.0125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 149.012$ MHz; $\sigma = 0.754$ S/m; $\epsilon_r = 52.965$; $\rho = 1000$ 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) = 0.814 W/kg

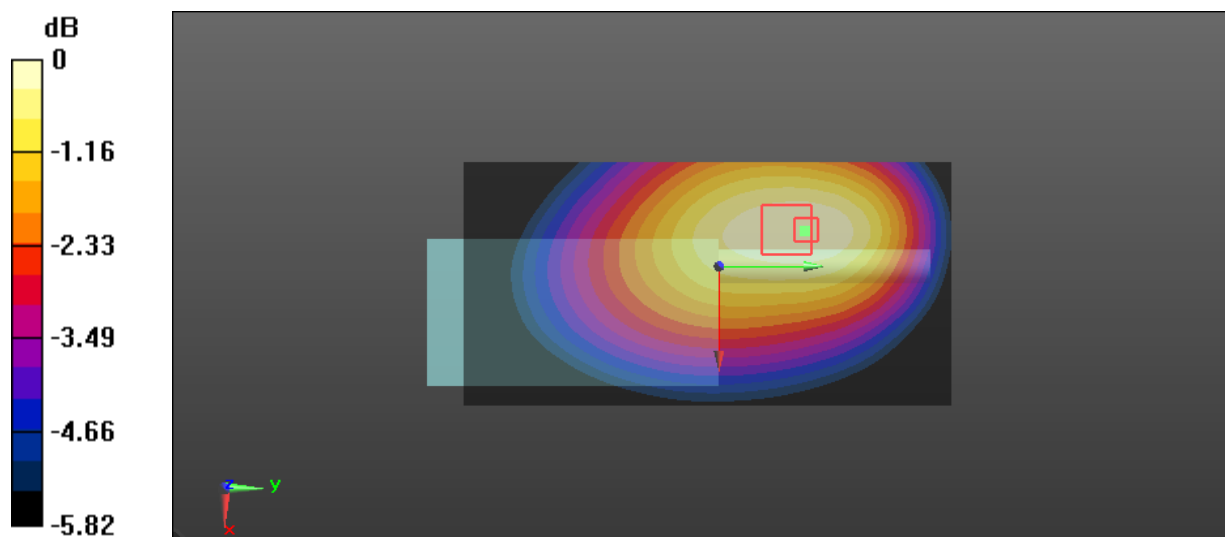
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.52 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.606 W/kg

Maximum value of SAR (measured) = 0.814 W/kg



0 dB = 0.814 W/kg = -0.89 dBW/kg

Test Plot 17#: FM_25kHz_144.0125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.745$ S/m; $\epsilon_r = 53.973$; $\rho = 1000$ 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) = 0.993 W/kg

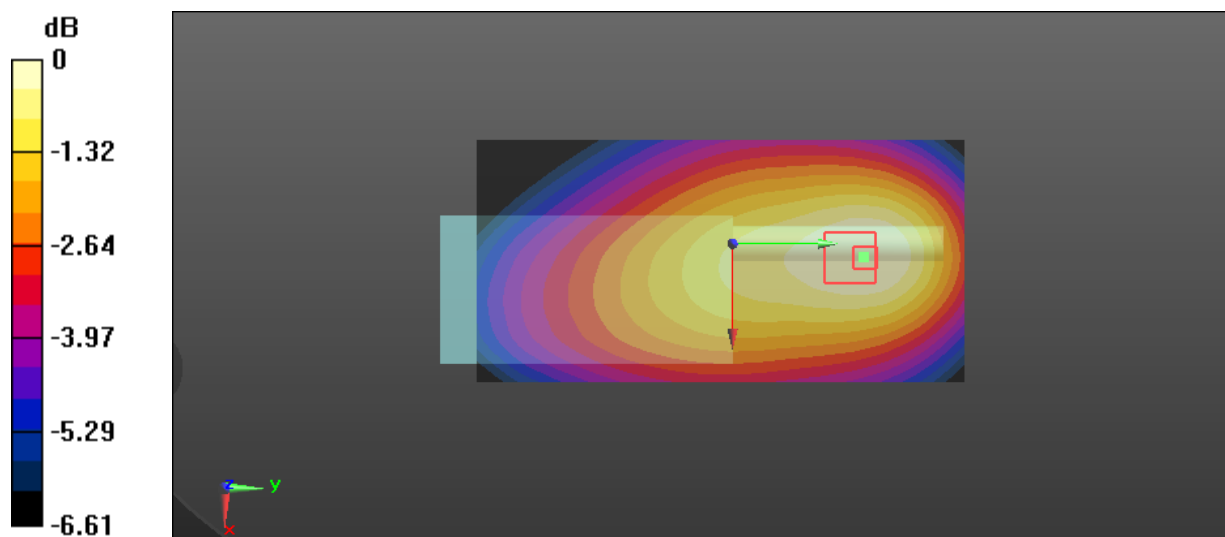
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.65 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.710 W/kg

Maximum value of SAR (measured) = 0.962 W/kg



0 dB = 0.962 W/kg = -0.17 dBW/kg

Test Plot 18#: FM_25kHz_149.0125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 149.012$ MHz; $\sigma = 0.754$ S/m; $\epsilon_r = 52.965$; $\rho = 1000$ 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) = 1.07 W/kg

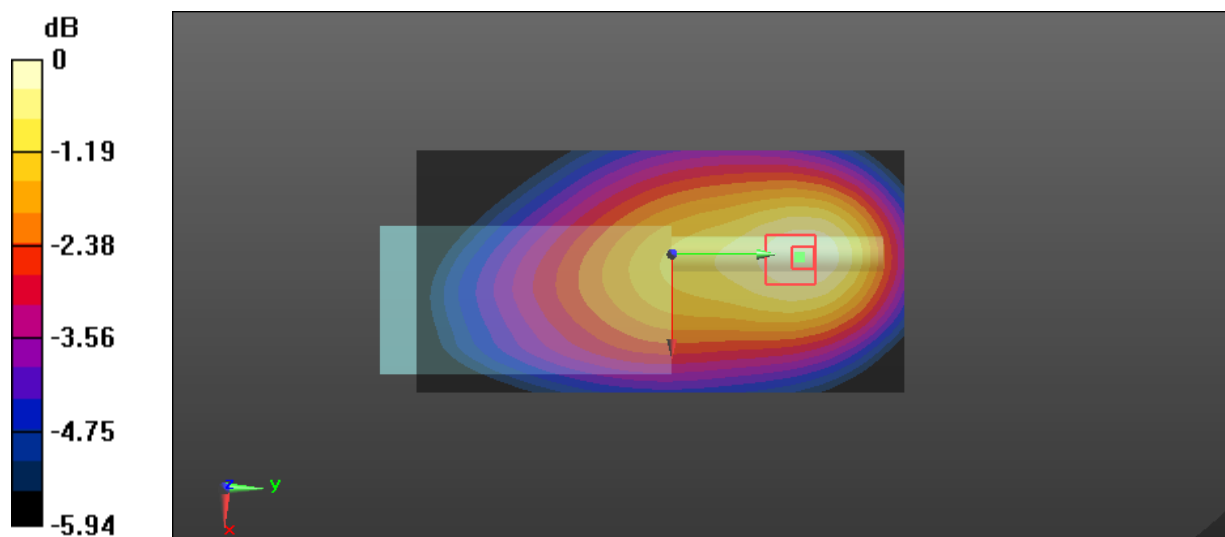
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.23 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.782 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

Test Plot 19#: FM_25kHz_153.9875MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 153.988$ MHz; $\sigma = 0.762$ S/m; $\epsilon_r = 51.429$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 153.987 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 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.598 W/kg

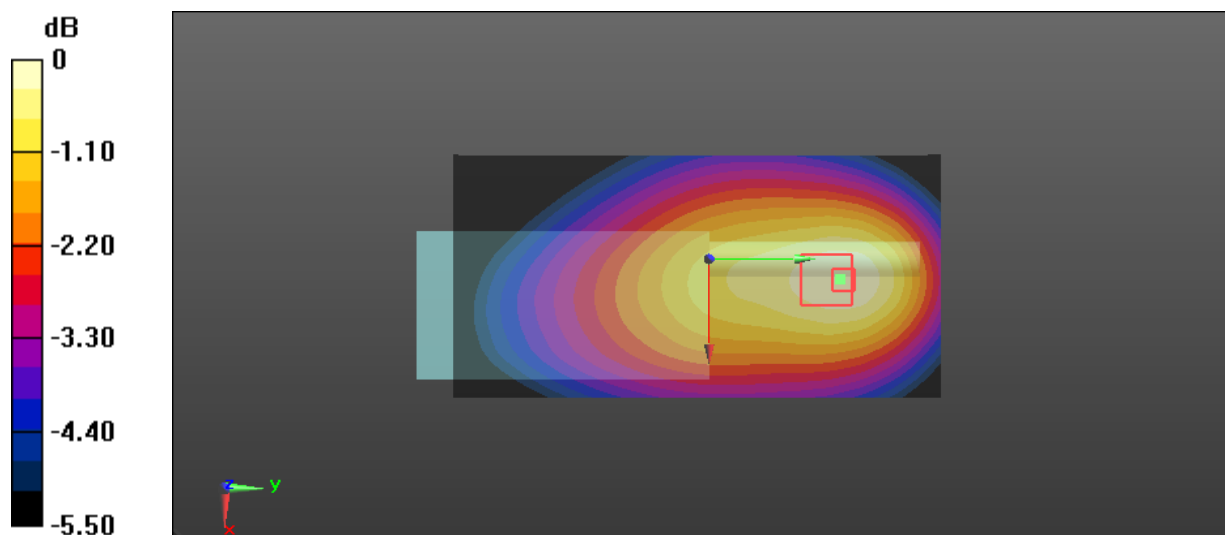
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.52 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.445 W/kg

Maximum value of SAR (measured) = 0.599 W/kg



0 dB = 0.599 W/kg = -2.23 dBW/kg

Test Plot 20#:4FSK_149.0125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 149.012$ MHz; $\sigma = 0.754$ S/m; $\epsilon_r = 52.965$; $\rho = 1000$ 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) = 0.475 W/kg

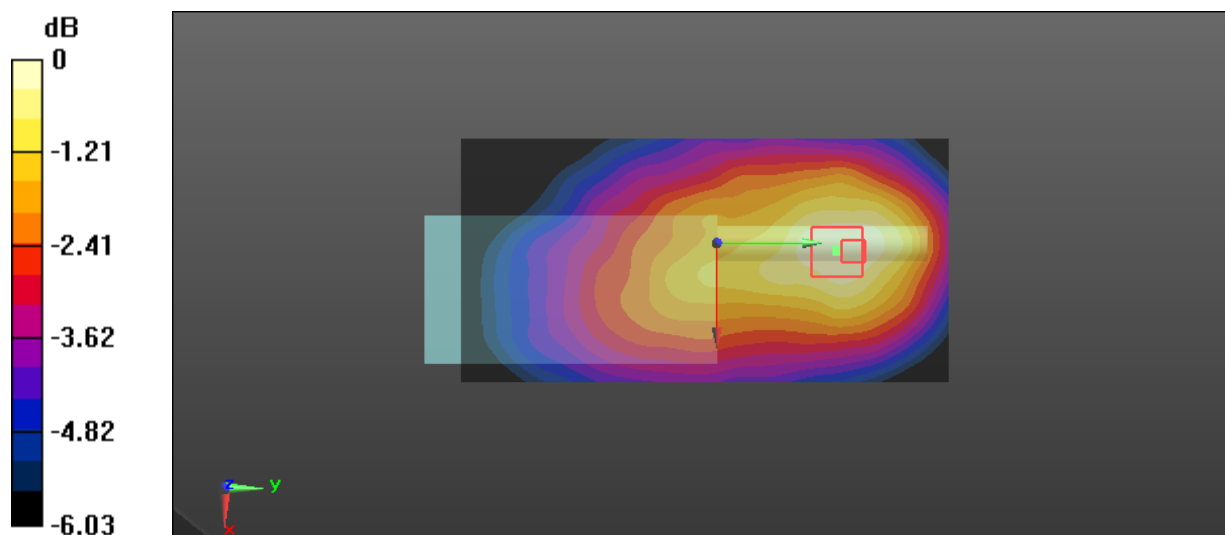
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.58 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.650 W/kg

SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.338 W/kg

Maximum value of SAR (measured) = 0.474 W/kg



0 dB = 0.474 W/kg = -3.24 dBW/kg

Test Plot 21#: FM_25kHz_149.0125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BBAA; Serial: LC201150001-BB**

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

Medium parameters used: $f = 149.012$ MHz; $\sigma = 0.754$ S/m; $\epsilon_r = 52.965$; $\rho = 1000$ 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) = 0.874 W/kg

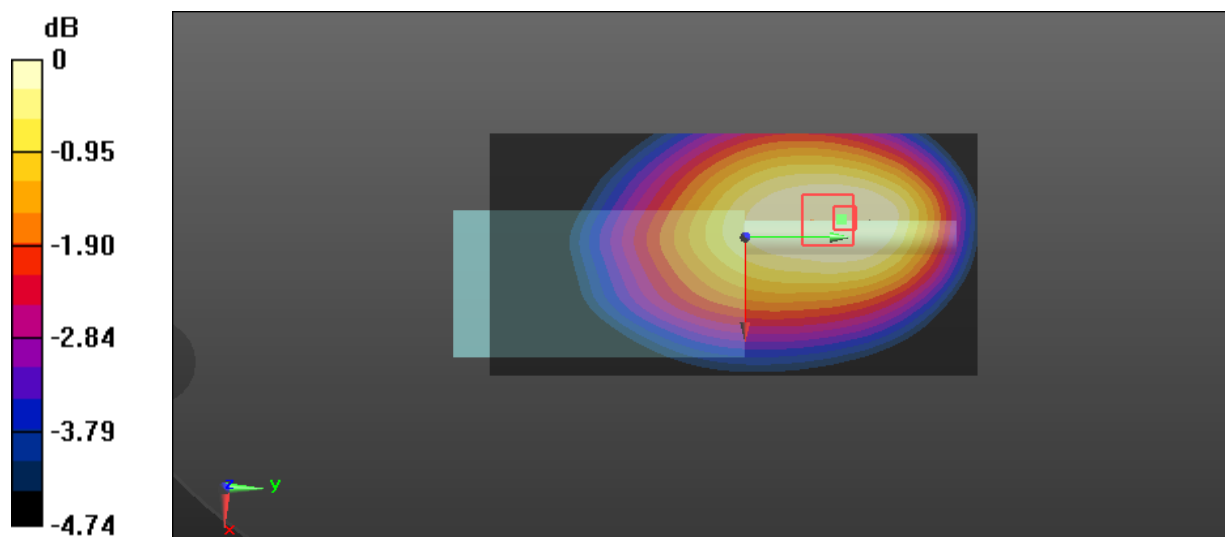
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.37 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.615 W/kg

Maximum value of SAR (measured) = 0.827 W/kg



0 dB = 0.827 W/kg = -0.82 dBW/kg

Test Plot 22#: FM_25kHz_149.0125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BAAA; Serial: LC201150001-BA**

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

Medium parameters used: $f = 149.012$ MHz; $\sigma = 0.754$ S/m; $\epsilon_r = 52.965$; $\rho = 1000$ 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) = 0.817 W/kg

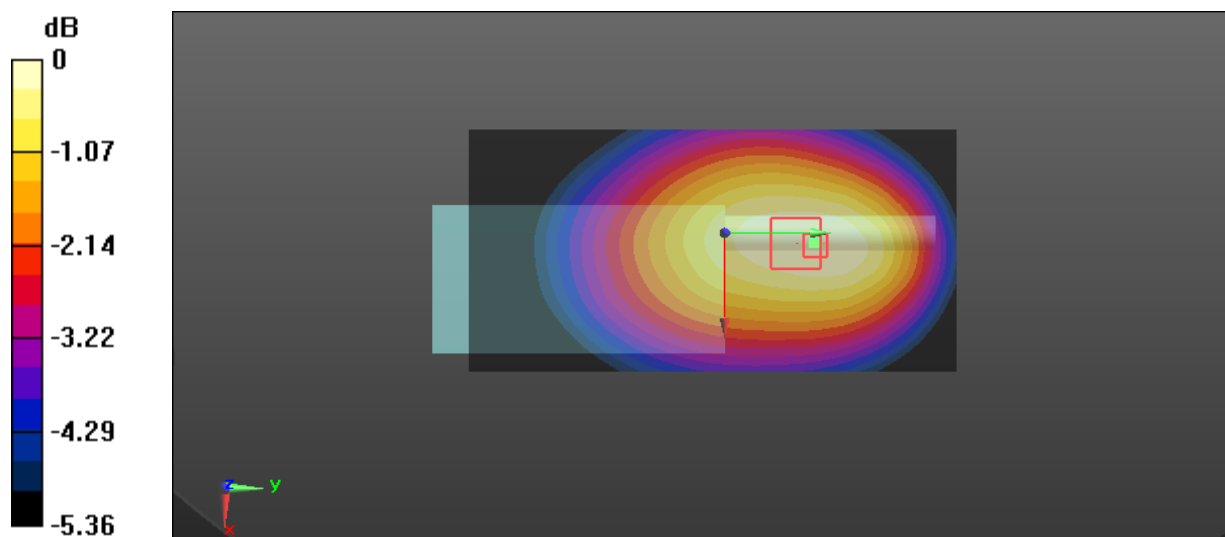
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.17 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.613 W/kg

Maximum value of SAR (measured) = 0.812 W/kg



0 dB = 0.812 W/kg = -0.90 dBW/kg

Test Plot 23#: FM_12.5kHz_144.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.776$ S/m; $\epsilon_r = 63.048$; $\rho = 1000$ 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) = 2.42 W/kg

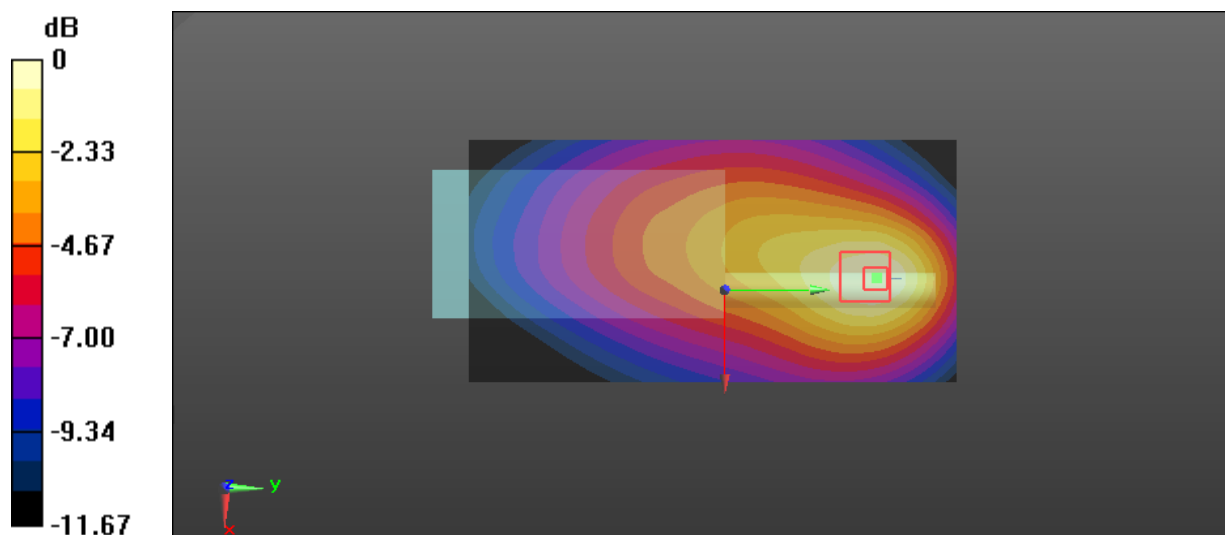
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.02 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.02 W/kg

SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.41 W/kg

Maximum value of SAR (measured) = 2.33 W/kg



0 dB = 2.33 W/kg = 3.67 dBW/kg

Test Plot 24#: FM_25kHz_144.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.776$ S/m; $\epsilon_r = 63.048$; $\rho = 1000$ 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) = 2.39 W/kg

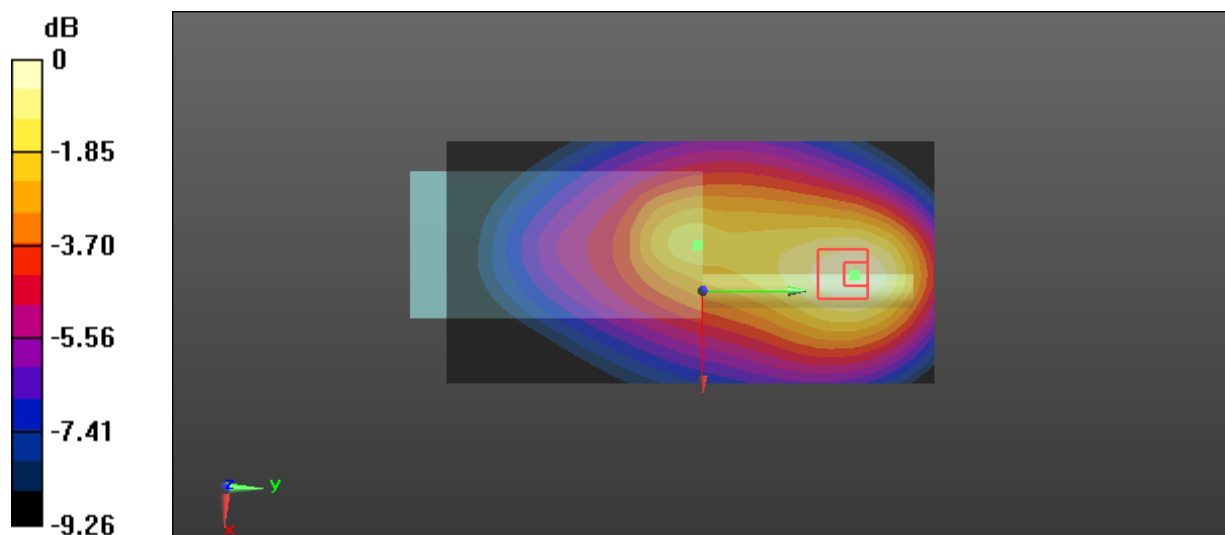
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 43.14 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.51 W/kg

Maximum value of SAR (measured) = 2.38 W/kg



0 dB = 2.38 W/kg = 3.77 dBW/kg

Test Plot 25#: FM_25kHz_149.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 149.012$ MHz; $\sigma = 0.785$ S/m; $\epsilon_r = 62.65$; $\rho = 1000$ 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) = 1.97 W/kg

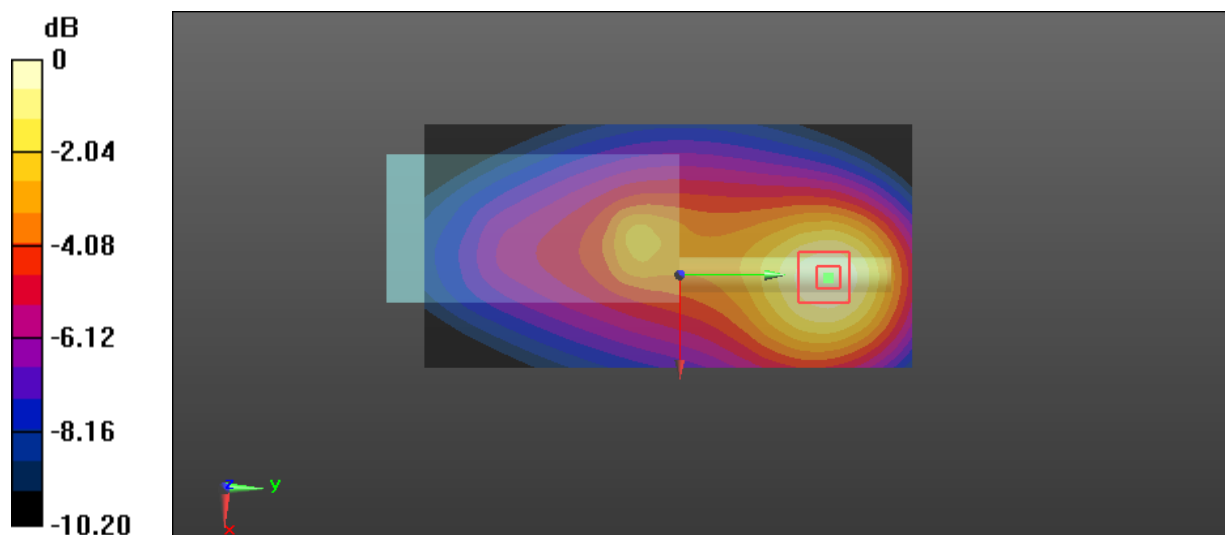
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.92 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 1.86 W/kg; SAR(10 g) = 1.2 W/kg

Maximum value of SAR (measured) = 1.97 W/kg



0 dB = 1.97 W/kg = 2.94 dBW/kg

Test Plot 26#: FM_25kHz_153.9875MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

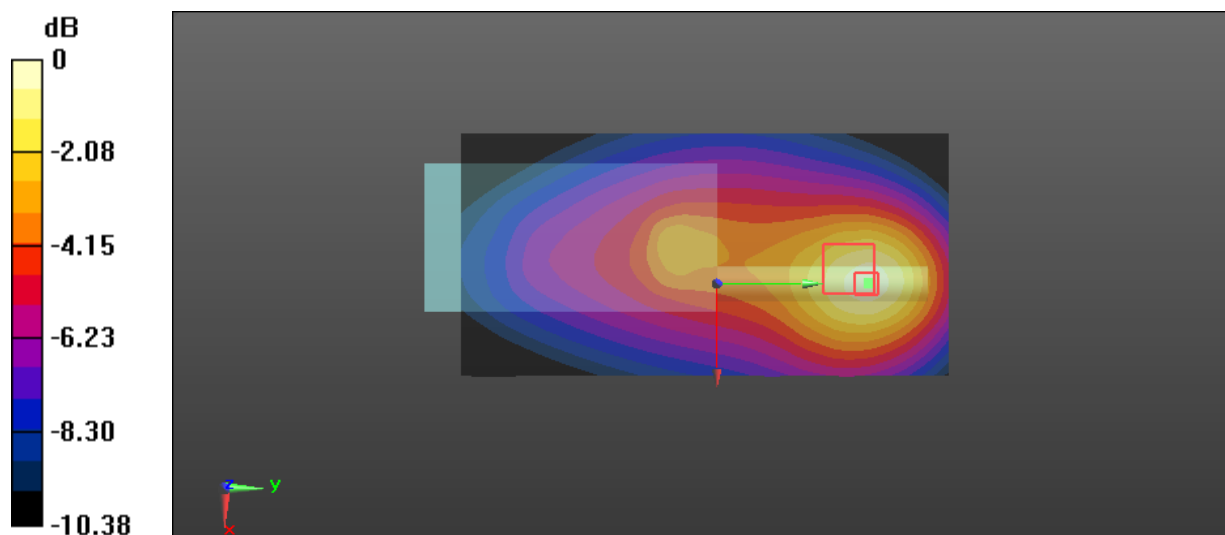
Communication System: FM; Frequency: 153.987 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.988 \text{ MHz}$; $\sigma = 0.797 \text{ S/m}$; $\epsilon_r = 60.719$; $\rho = 1000 \text{ kg/m}^3$

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) = 1.59 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 29.11 V/m ; Power Drift = 0.11 dB Peak SAR (extrapolated) = 2.81 W/kg **SAR(1 g) = 1.6 W/kg ; SAR(10 g) = 1.07 W/kg** Maximum value of SAR (measured) = 1.70 W/kg 0 dB = 1.70 W/kg = 2.30 dBW/kg

Test Plot 27#:4FSK_144.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.776$ S/m; $\epsilon_r = 63.048$; $\rho = 1000$ 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) = 1.37 W/kg

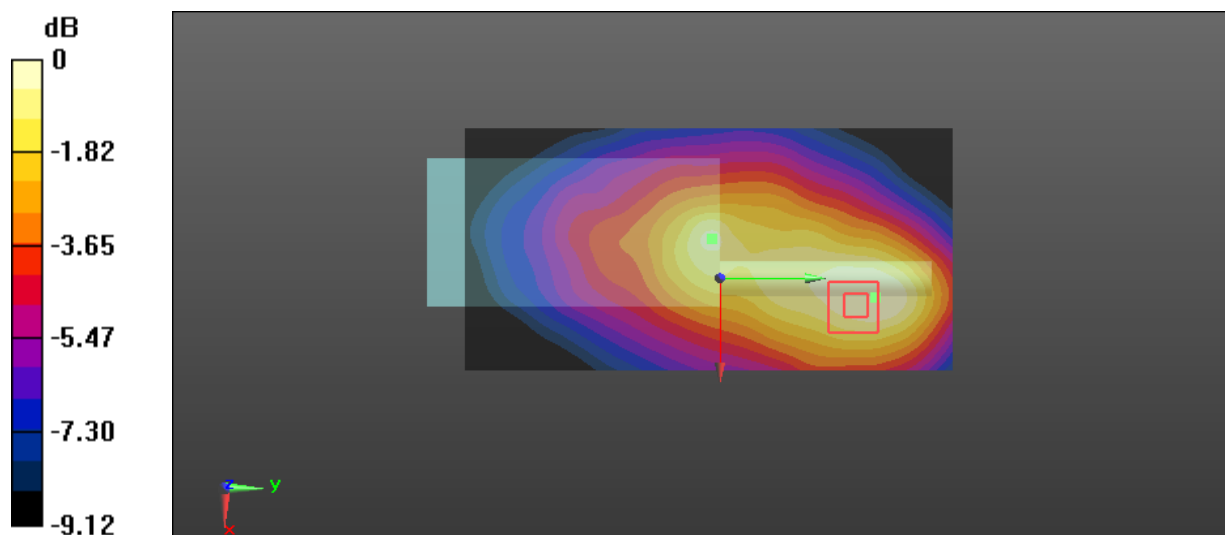
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.53 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.824 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

Test Plot 28#: FM_25kHz_144.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BBAA; Serial: LC201150001-BB**

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

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.776$ S/m; $\epsilon_r = 63.048$; $\rho = 1000$ 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) = 2.35 W/kg

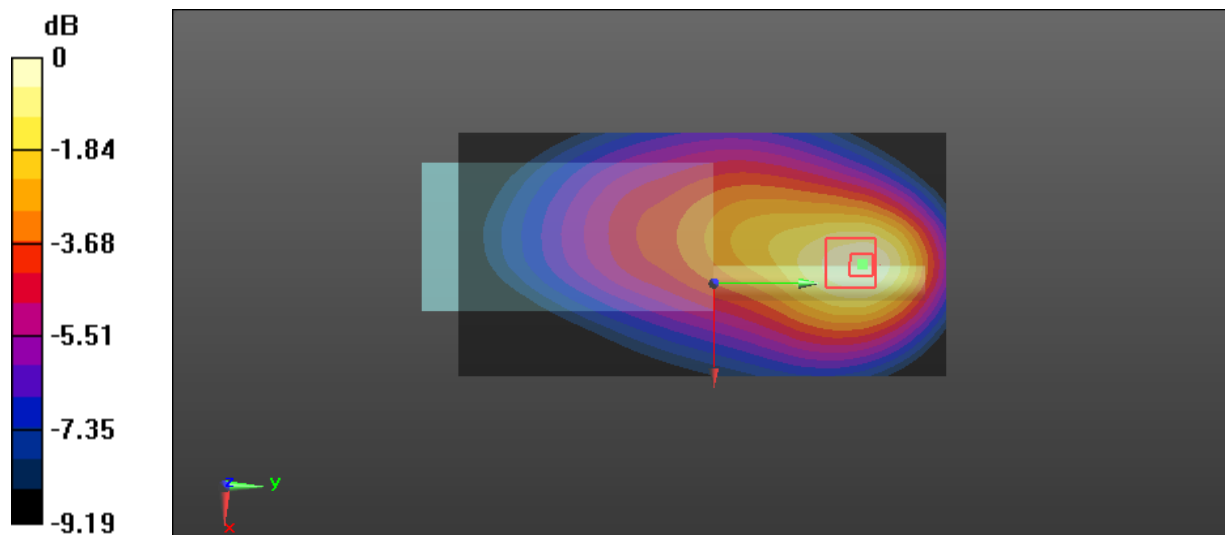
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.48 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.88 W/kg

SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.43 W/kg

Maximum value of SAR (measured) = 2.31 W/kg



0 dB = 2.31 W/kg = 3.64 dBW/kg

Test Plot 29#: FM_25kHz_144.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BAAA; Serial: LC201150001-BA**

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

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.776$ S/m; $\epsilon_r = 63.048$; $\rho = 1000$ 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) = 2.41 W/kg

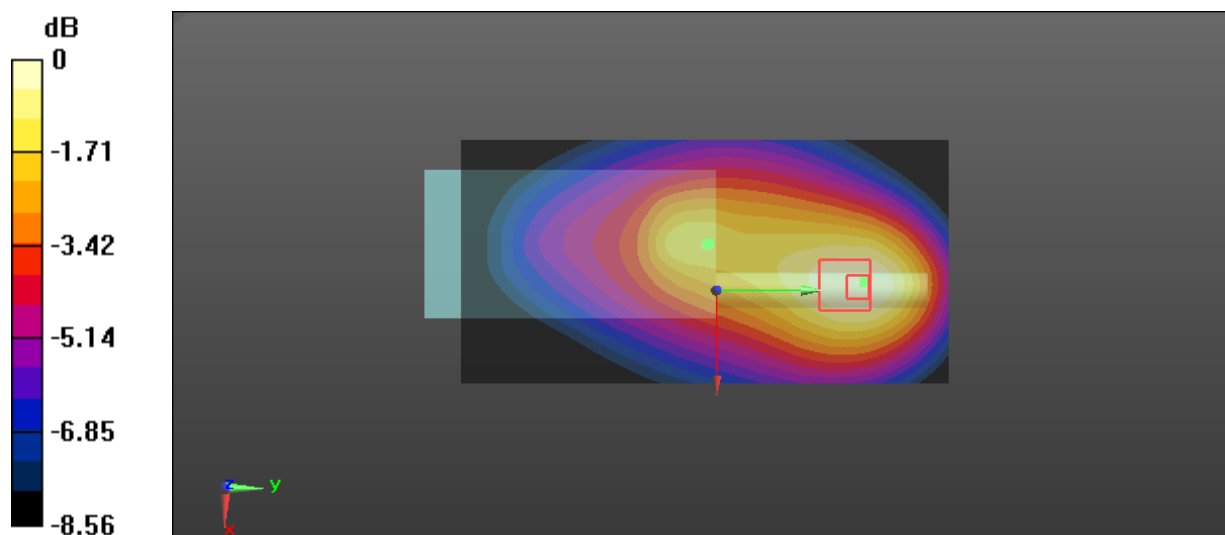
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 43.57 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.70 W/kg

SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.51 W/kg

Maximum value of SAR (measured) = 2.31 W/kg



0 dB = 2.31 W/kg = 3.64 dBW/kg

Test Plot 30#: FM_25kHz_144.0125MHz_Body Back with headset**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.776$ S/m; $\epsilon_r = 63.048$; $\rho = 1000$ 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) = 2.25 W/kg

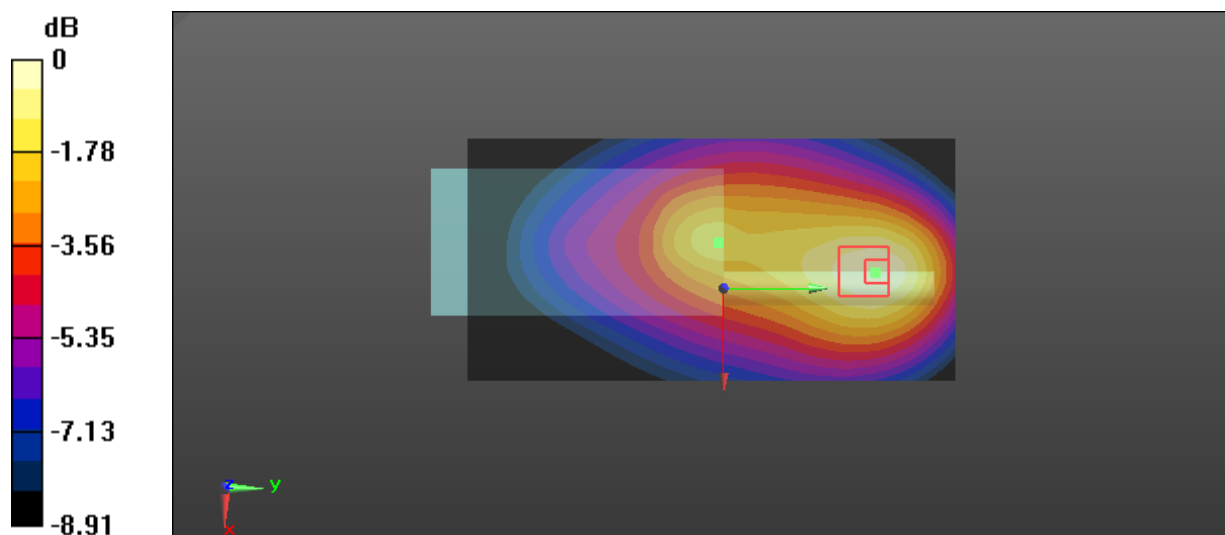
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.89 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.61 W/kg

SAR(1 g) = 2.12 W/kg; SAR(10 g) = 1.42 W/kg

Maximum value of SAR (measured) = 2.24 W/kg



0 dB = 2.24 W/kg = 3.50 dBW/kg

Test Plot 31#: FM_12.5kHz_158.5125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

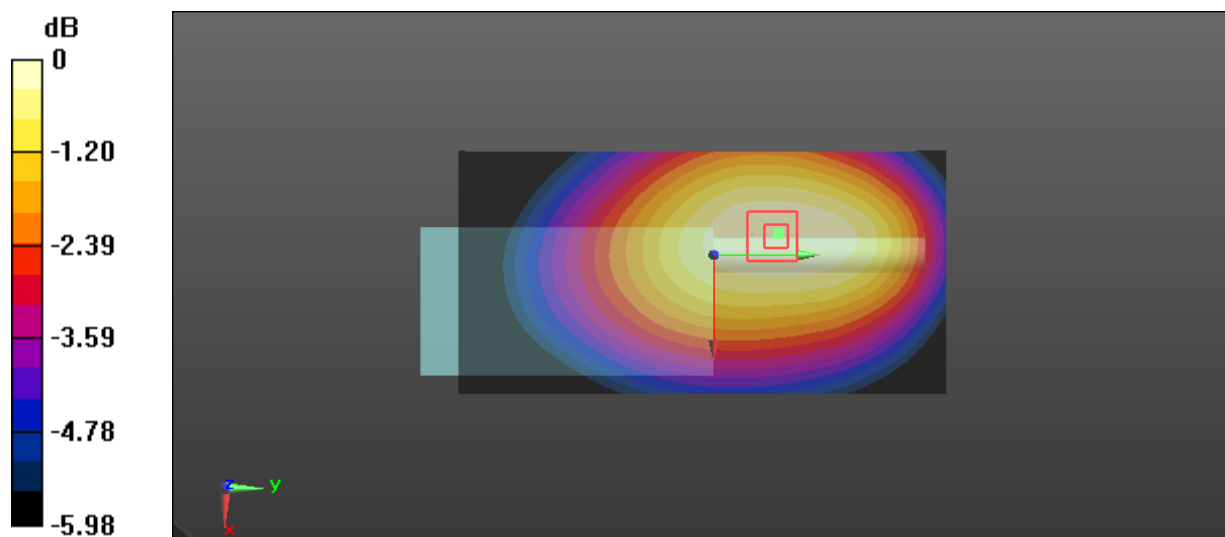
Communication System: FM; Frequency: 158.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 158.512 \text{ MHz}$; $\sigma = 0.772 \text{ S/m}$; $\epsilon_r = 51.338$; $\rho = 1000 \text{ kg/m}^3$

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) = 1.38 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 42.41 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 1.69 W/kg **SAR(1 g) = 1.32 W/kg ; SAR(10 g) = 1.04 W/kg** Maximum value of SAR (measured) = 1.36 W/kg 0 dB = 1.36 W/kg = 1.34 dBW/kg

Test Plot 32#: FM_25kHz_153.0125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.759$ S/m; $\epsilon_r = 51.7$; $\rho = 1000$ 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) = 1.22 W/kg

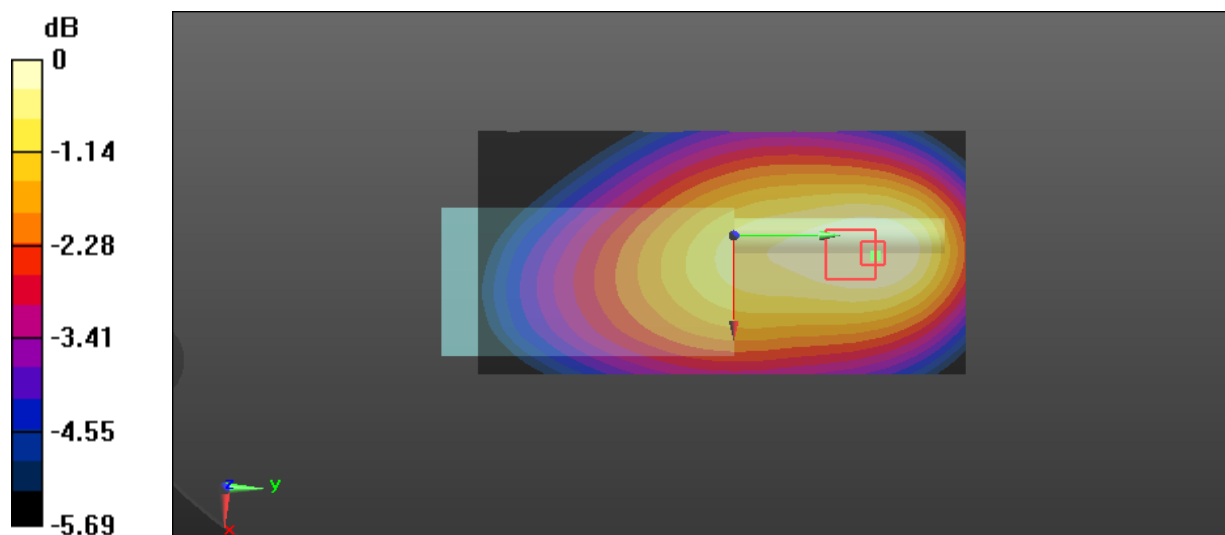
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.14 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.887 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

Test Plot 33#: FM_25kHz_158.5125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

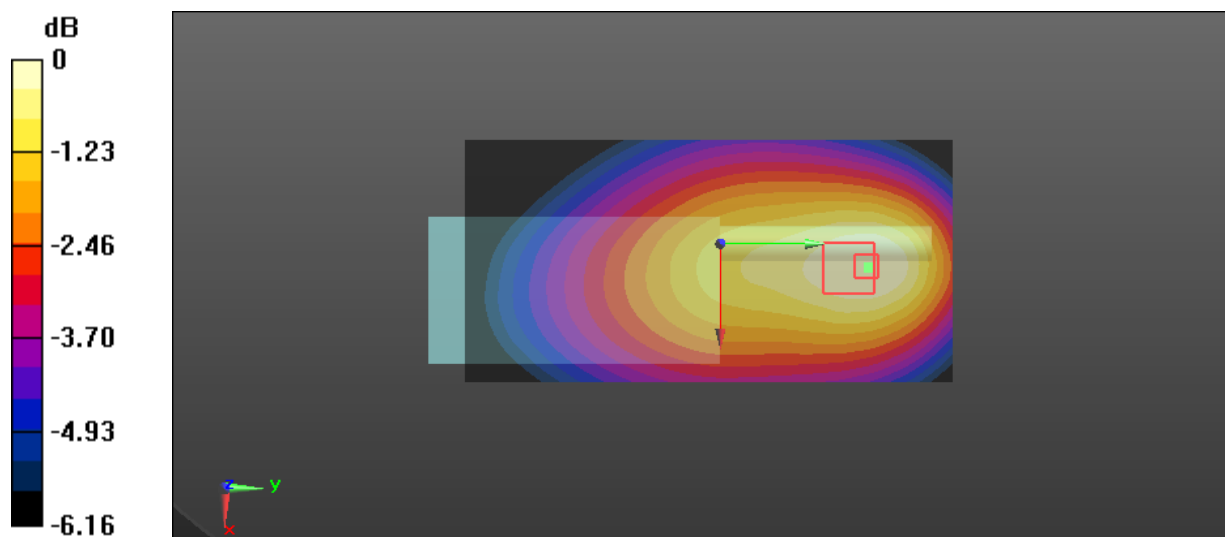
Communication System: FM; Frequency: 158.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 158.512 \text{ MHz}$; $\sigma = 0.772 \text{ S/m}$; $\epsilon_r = 51.338$; $\rho = 1000 \text{ kg/m}^3$

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) = 1.95 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 44.56 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 2.60 W/kg **SAR(1 g) = 1.82 W/kg ; SAR(10 g) = 1.38 W/kg** Maximum value of SAR (measured) = 1.90 W/kg 0 dB = 1.90 W/kg = 2.79 dBW/kg

Test Plot 34#: FM_25kHz_163.9875MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

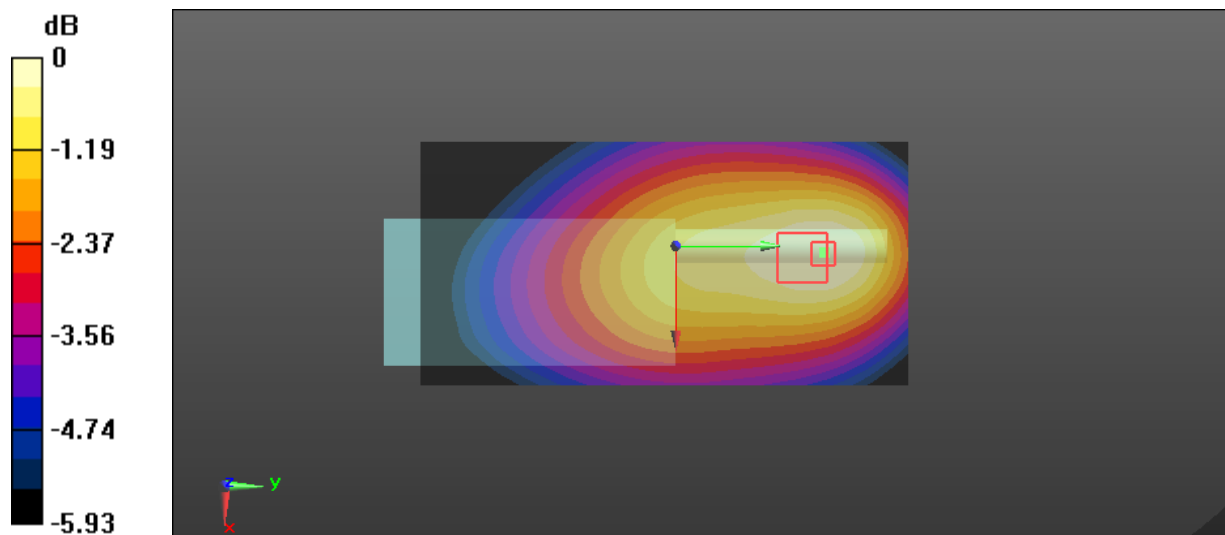
Communication System: FM; Frequency: 163.987 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.988 \text{ MHz}$; $\sigma = 0.786 \text{ S/m}$; $\epsilon_r = 50.391$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 163.987 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) = 0.990 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 30.91 V/m ; Power Drift = 0.07 dB Peak SAR (extrapolated) = 1.29 W/kg **SAR(1 g) = 0.920 W/kg ; SAR(10 g) = 0.709 W/kg** Maximum value of SAR (measured) = 0.961 W/kg  $0 \text{ dB} = 0.961 \text{ W/kg} = -0.17 \text{ dBW/kg}$

Test Plot 35#:4FSK_158.5125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 158.512$ MHz; $\sigma = 0.772$ S/m; $\epsilon_r = 51.338$; $\rho = 1000$ 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) = 0.630 W/kg

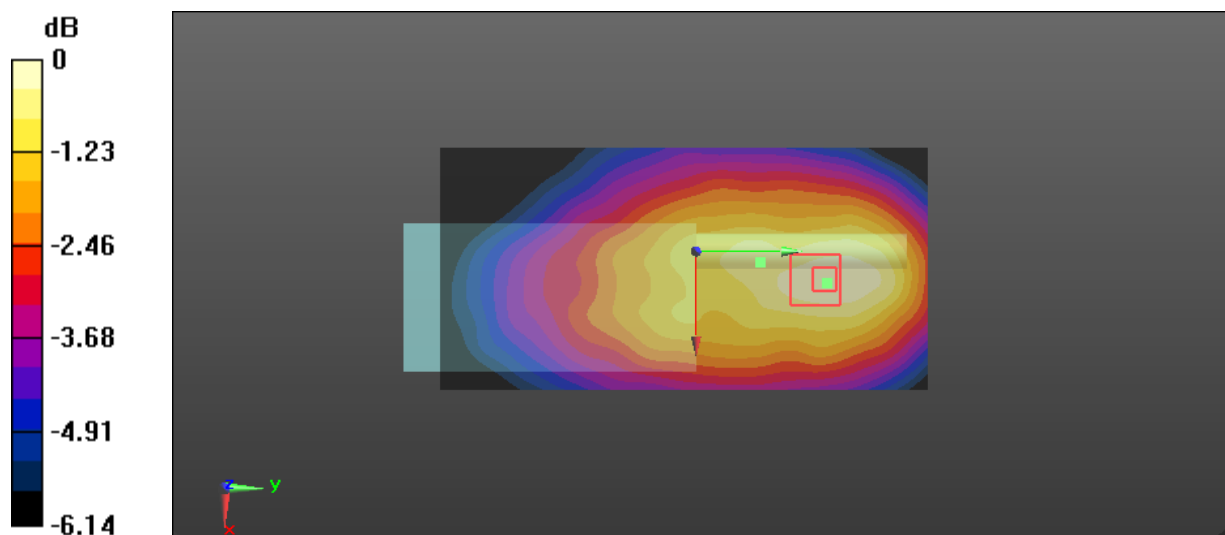
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.23 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.985 W/kg

SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.461 W/kg

Maximum value of SAR (measured) = 0.634 W/kg



0 dB = 0.634 W/kg = -1.98 dBW/kg

Test Plot 36#: FM_25kHz_158.5125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BBAA; Serial: LC201150001-BB**

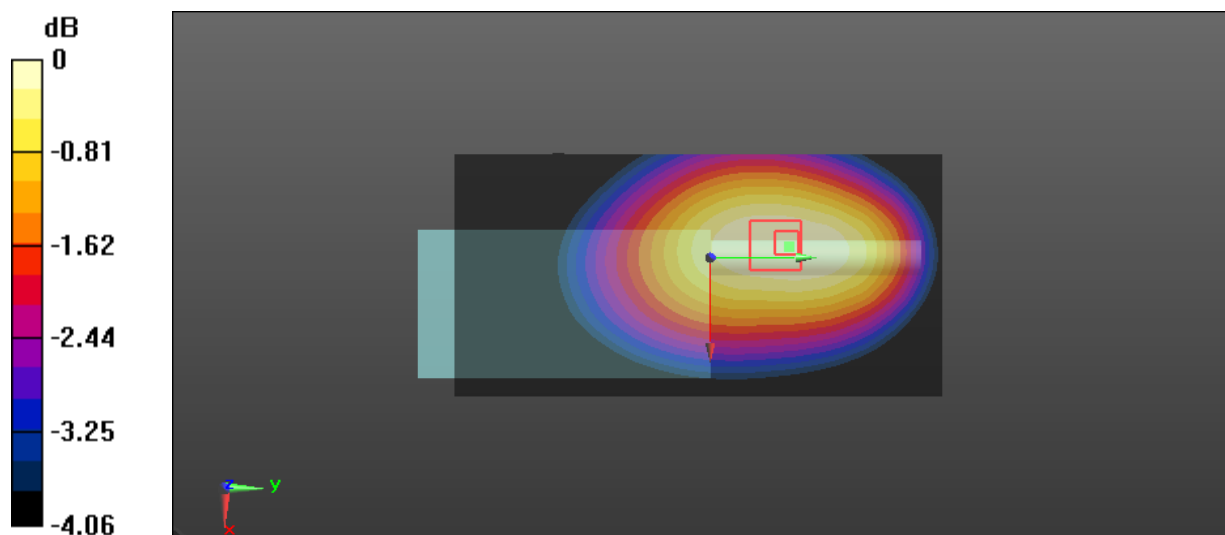
Communication System: FM; Frequency: 158.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 158.512 \text{ MHz}$; $\sigma = 0.772 \text{ S/m}$; $\epsilon_r = 51.338$; $\rho = 1000 \text{ kg/m}^3$

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) = 1.35 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 41.67 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 1.66 W/kg **SAR(1 g) = 1.28 W/kg ; SAR(10 g) = 1.02 W/kg** Maximum value of SAR (measured) = 1.33 W/kg 0 dB = 1.33 W/kg = 1.24 dBW/kg

Test Plot 37#: FM_25kHz_158.5125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BAAA; Serial: LC201150001-BA**

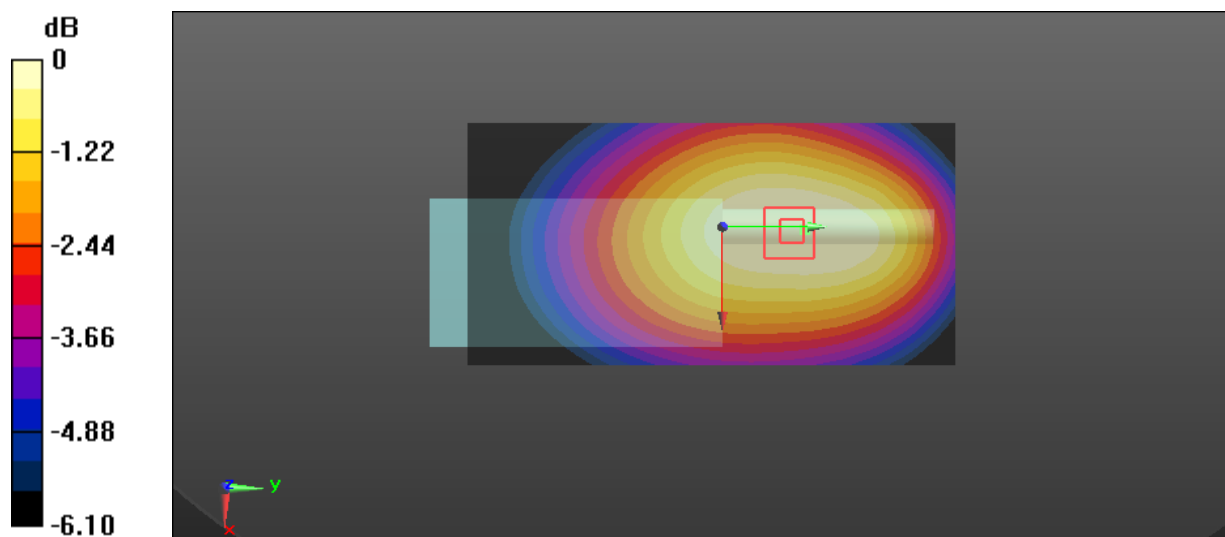
Communication System: FM; Frequency: 158.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 158.512 \text{ MHz}$; $\sigma = 0.772 \text{ S/m}$; $\epsilon_r = 51.338$; $\rho = 1000 \text{ kg/m}^3$

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) = 1.28 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 39.90 V/m ; Power Drift = -0.19 dB Peak SAR (extrapolated) = 1.52 W/kg **SAR(1 g) = 1.19 W/kg ; SAR(10 g) = 0.949 W/kg** Maximum value of SAR (measured) = 1.23 W/kg 0 dB = 1.23 W/kg = 0.90 dBW/kg

Test Plot 38#: FM_12.5kHz_153.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.794$ S/m; $\epsilon_r = 61.373$; $\rho = 1000$ 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) = 2.92 W/kg

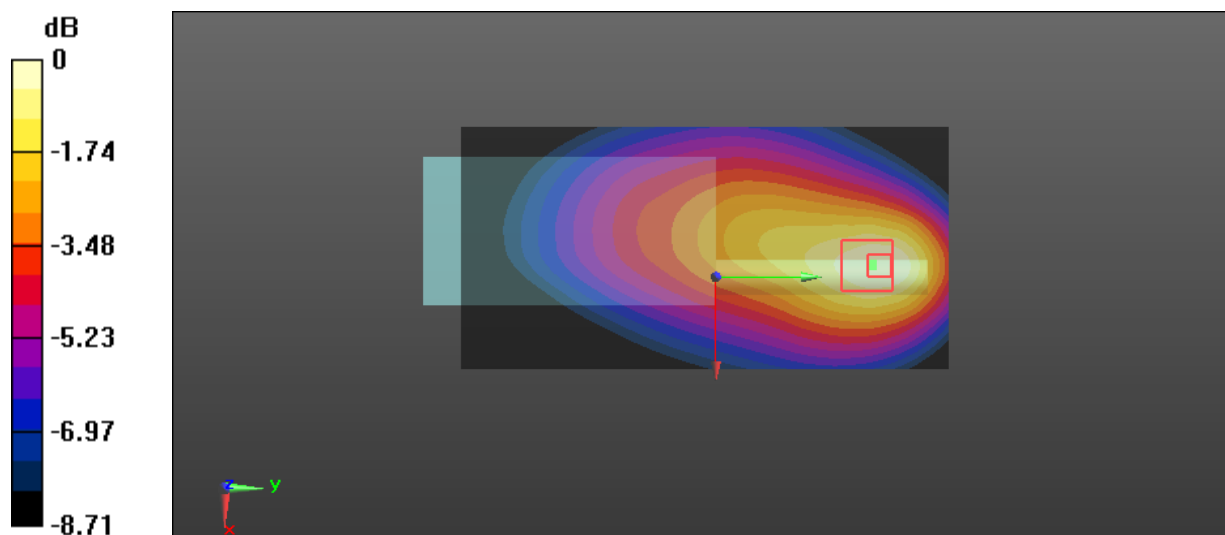
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.92 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.83 W/kg

SAR(1 g) = 2.74 W/kg; SAR(10 g) = 1.79 W/kg

Maximum value of SAR (measured) = 2.87 W/kg



0 dB = 2.87 W/kg = 4.58 dBW/kg

Test Plot 39#: FM_25kHz_153.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.794$ S/m; $\epsilon_r = 61.373$; $\rho = 1000$ 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) = 4.81 W/kg

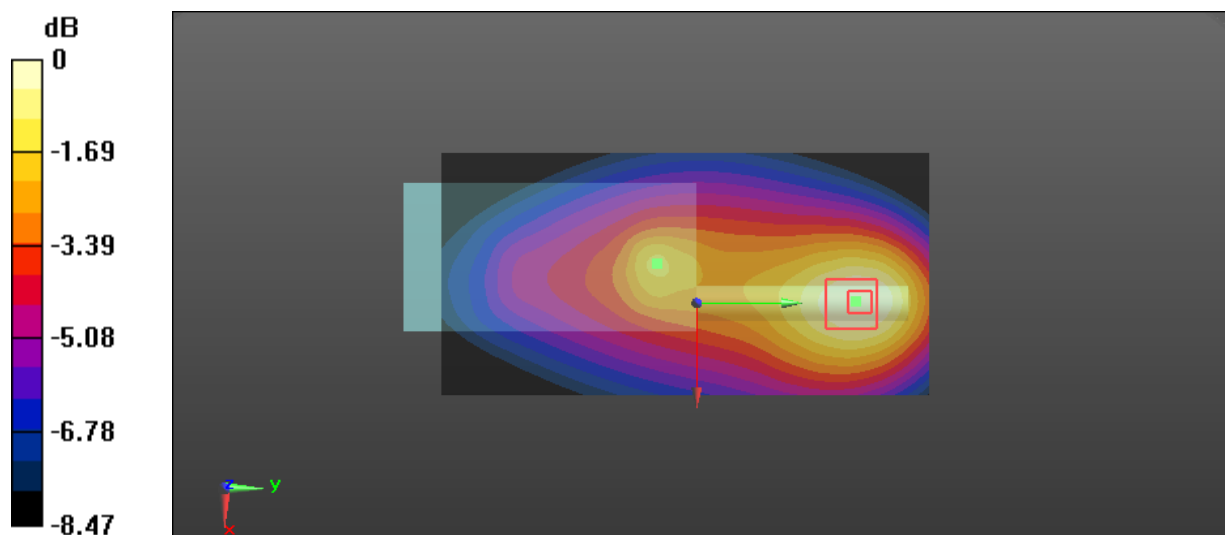
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.82 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 7.35 W/kg

SAR(1 g) = 4.4 W/kg; SAR(10 g) = 2.95 W/kg

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



0 dB = 4.65 W/kg = 6.67 dBW/kg

Test Plot 40#: FM_25kHz_158.5125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 158.512$ MHz; $\sigma = 0.801$ S/m; $\epsilon_r = 60.678$; $\rho = 1000$ 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) = 3.77 W/kg

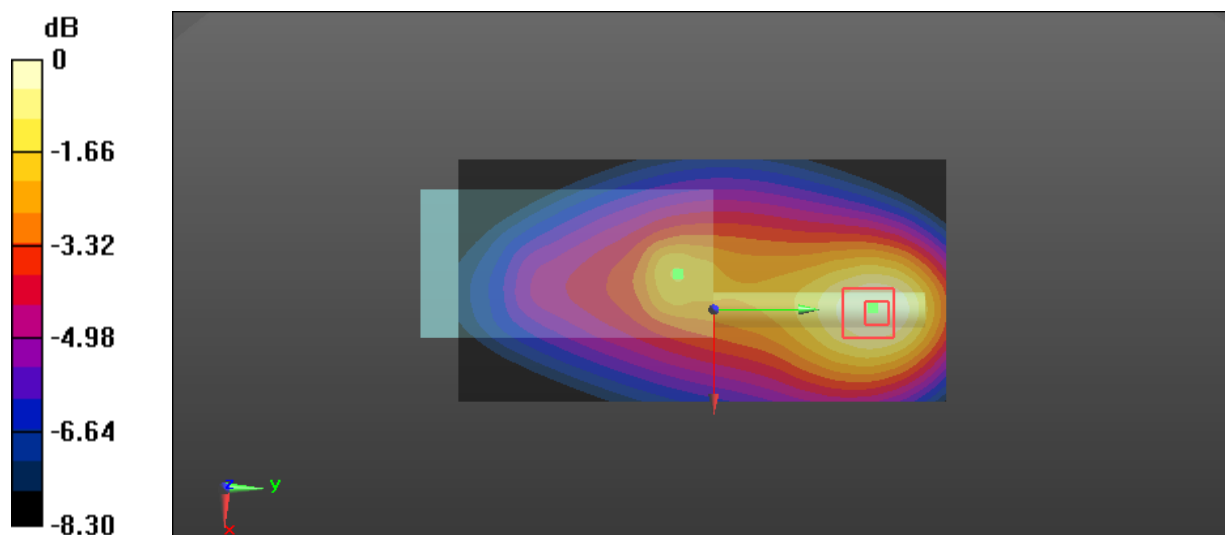
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.87 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 5.80 W/kg

SAR(1 g) = 3.48 W/kg; SAR(10 g) = 2.34 W/kg

Maximum value of SAR (measured) = 3.65 W/kg



0 dB = 3.65 W/kg = 5.62 dBW/kg

Test Plot 41#: FM_25kHz_163.9875MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

Communication System: FM; Frequency: 163.987 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.988$ MHz; $\sigma = 0.819$ S/m; $\epsilon_r = 60.239$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 163.987 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 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.55 W/kg

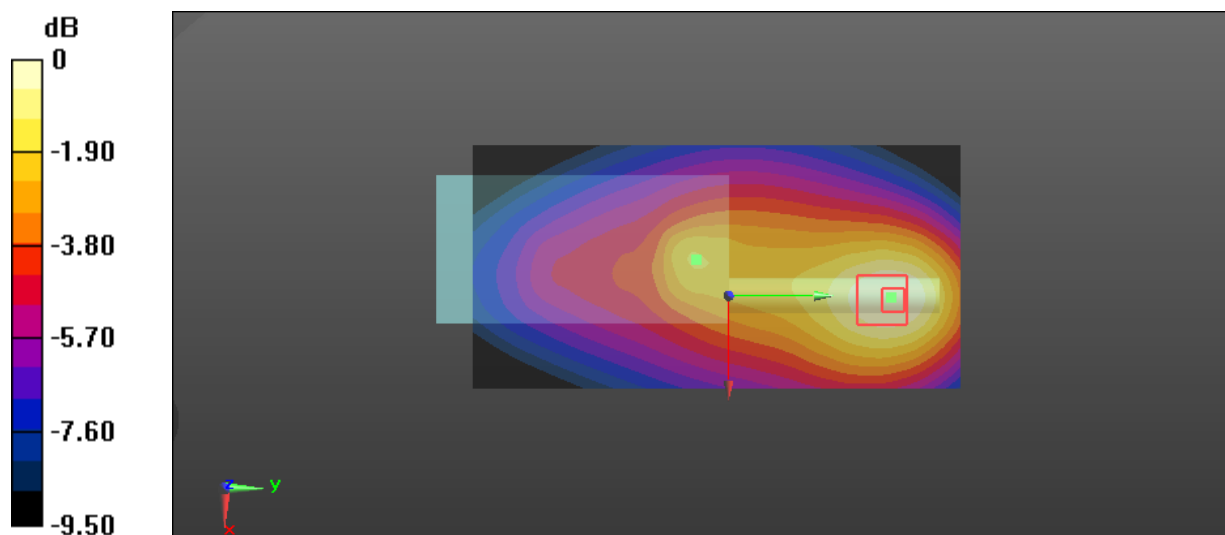
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.01 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.951 W/kg

Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg

Test Plot 42#:4FSK_153.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.794$ S/m; $\epsilon_r = 61.373$; $\rho = 1000$ 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) = 1.52 W/kg

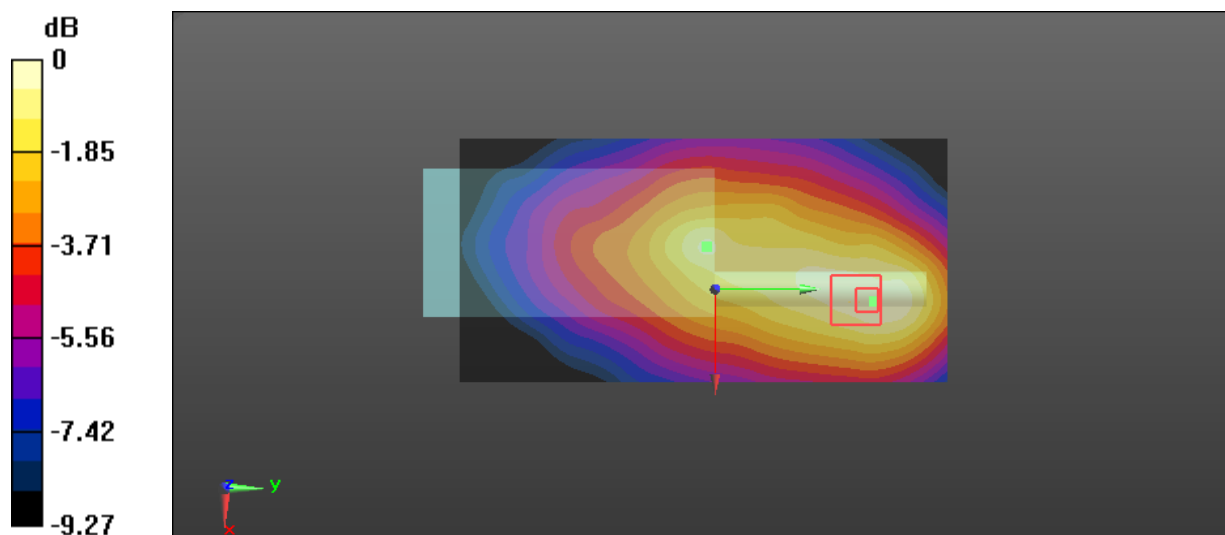
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.72 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.52 W/kg

SAR(1 g) = 1.48 W/kg; SAR(10 g) = 1.02 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

Test Plot 43#: FM_25kHz_153.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BBAA; Serial: LC201150001-BB**

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

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.794$ S/m; $\epsilon_r = 61.373$; $\rho = 1000$ 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) = 2.76 W/kg

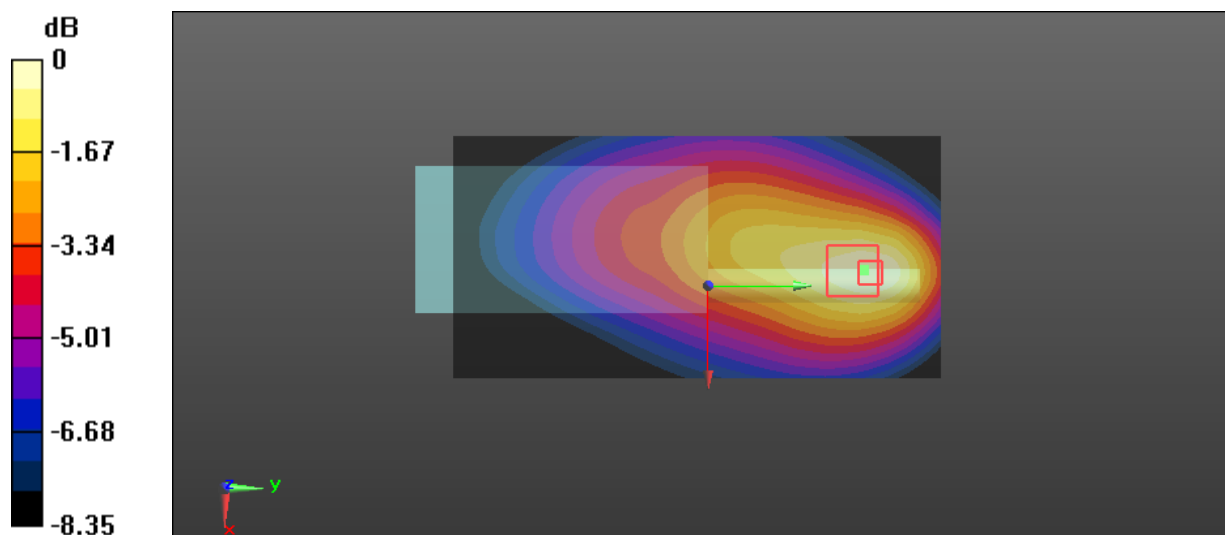
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.11 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 4.53 W/kg

SAR(1 g) = 2.64 W/kg; SAR(10 g) = 1.77 W/kg

Maximum value of SAR (measured) = 2.77 W/kg



0 dB = 2.77 W/kg = 4.42 dBW/kg

Test Plot 44#: FM_25kHz_153.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BAAA; Serial: LC201150001-BA**

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

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.794$ S/m; $\epsilon_r = 61.373$; $\rho = 1000$ 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) = 3.00 W/kg

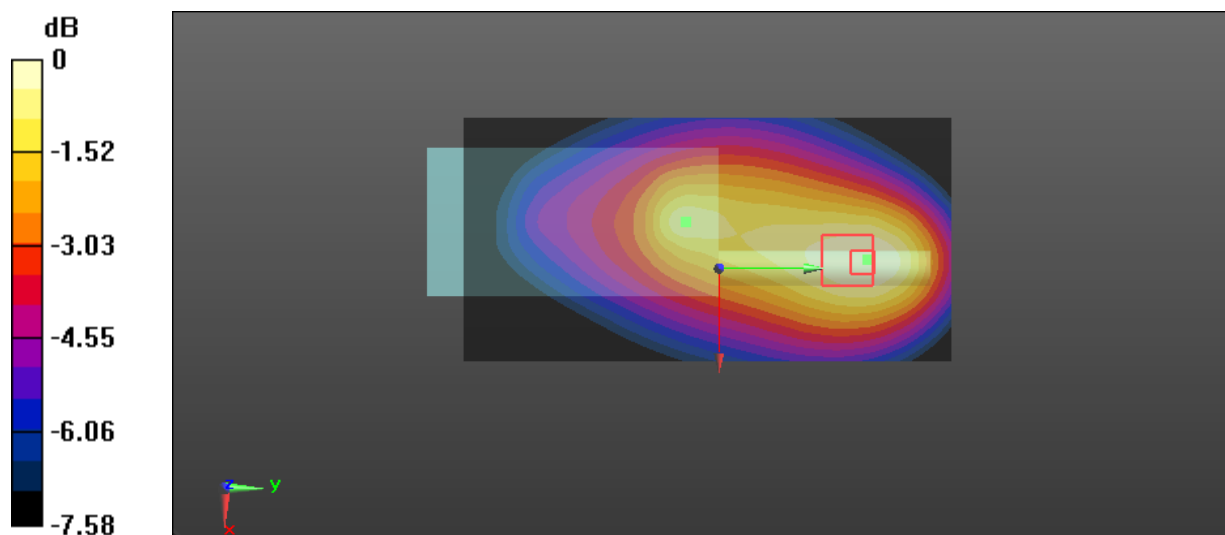
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.23 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.48 W/kg

SAR(1 g) = 2.79 W/kg; SAR(10 g) = 1.95 W/kg

Maximum value of SAR (measured) = 2.93 W/kg



0 dB = 2.93 W/kg = 4.67 dBW/kg

Test Plot 45#: FM_25kHz_153.0125MHz_Body Back with headset**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.794$ S/m; $\epsilon_r = 61.373$; $\rho = 1000$ 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) = 3.96 W/kg

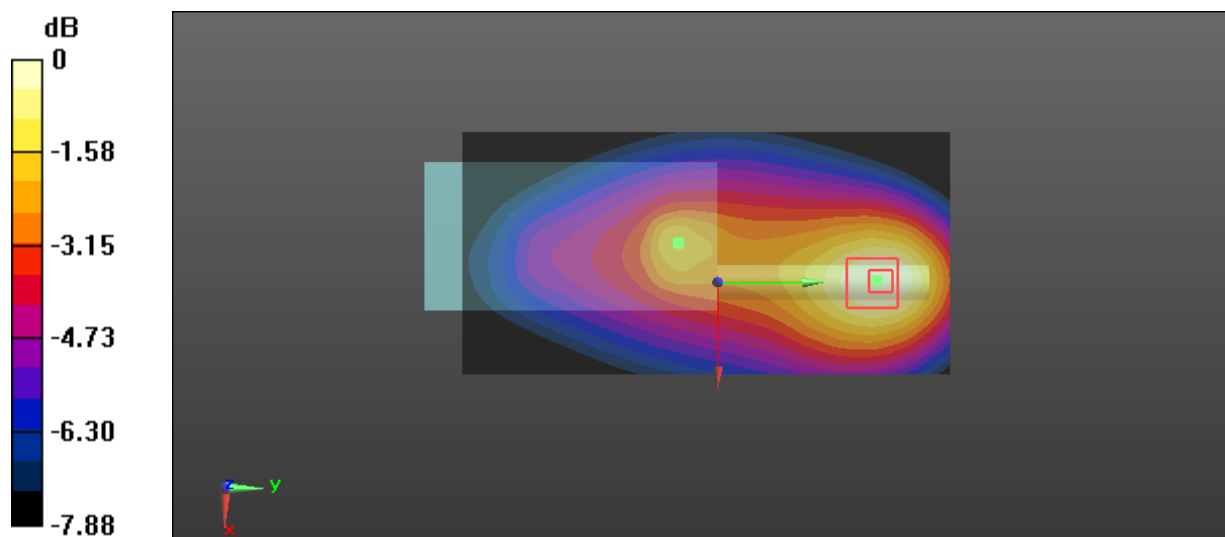
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.46 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 6.05 W/kg

SAR(1 g) = 3.62 W/kg; SAR(10 g) = 2.43 W/kg

Maximum value of SAR (measured) = 3.85 W/kg



0 dB = 3.85 W/kg = 5.85 dBW/kg

Test Plot 46#: FM_12.5kHz_168.5125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 168.512$ MHz; $\sigma = 0.787$ S/m; $\epsilon_r = 50.204$; $\rho = 1000$ 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) = 1.13 W/kg

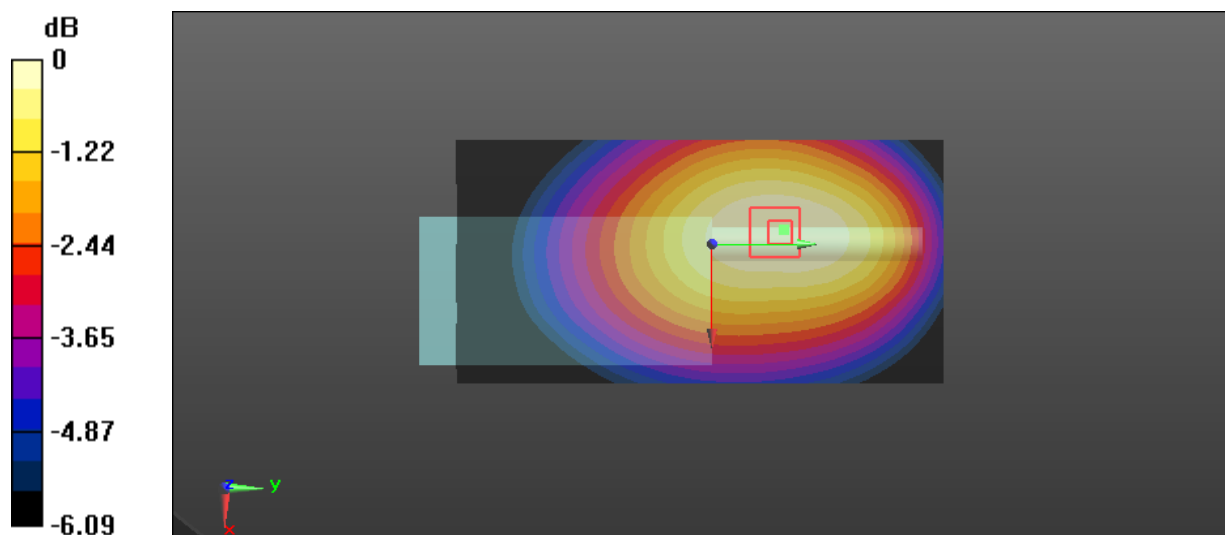
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.90 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.845 W/kg

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



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

Test Plot 47#: FM_25kHz_163.0125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.782$ S/m; $\epsilon_r = 51.23$; $\rho = 1000$ 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) = 1.25 W/kg

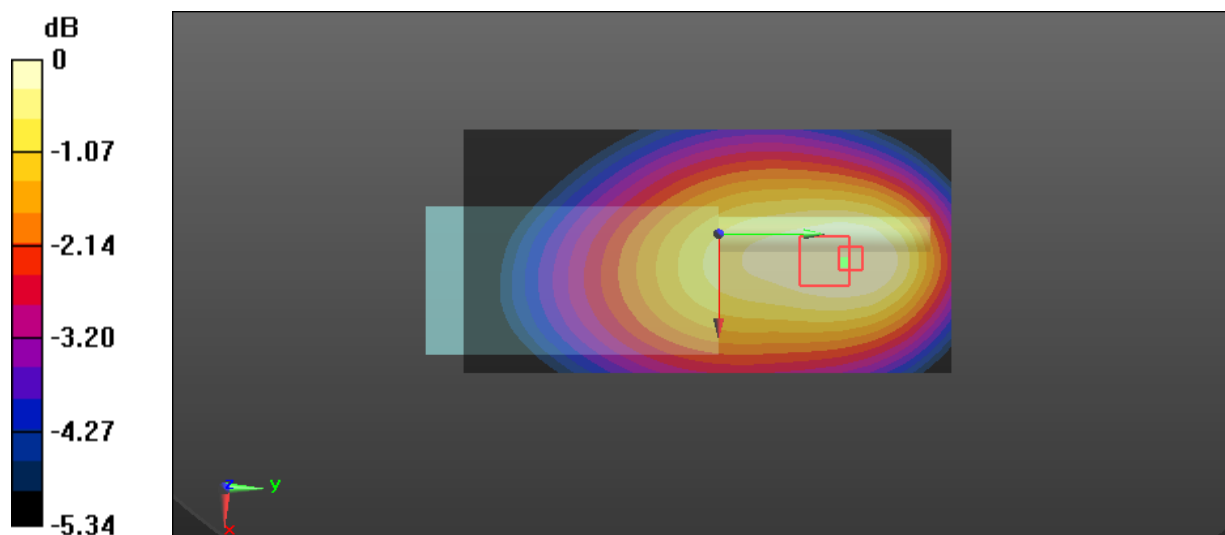
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.32 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.914 W/kg

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



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

Test Plot 48#: FM_25kHz_168.5125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 168.512$ MHz; $\sigma = 0.787$ S/m; $\epsilon_r = 50.204$; $\rho = 1000$ 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) = 1.37 W/kg

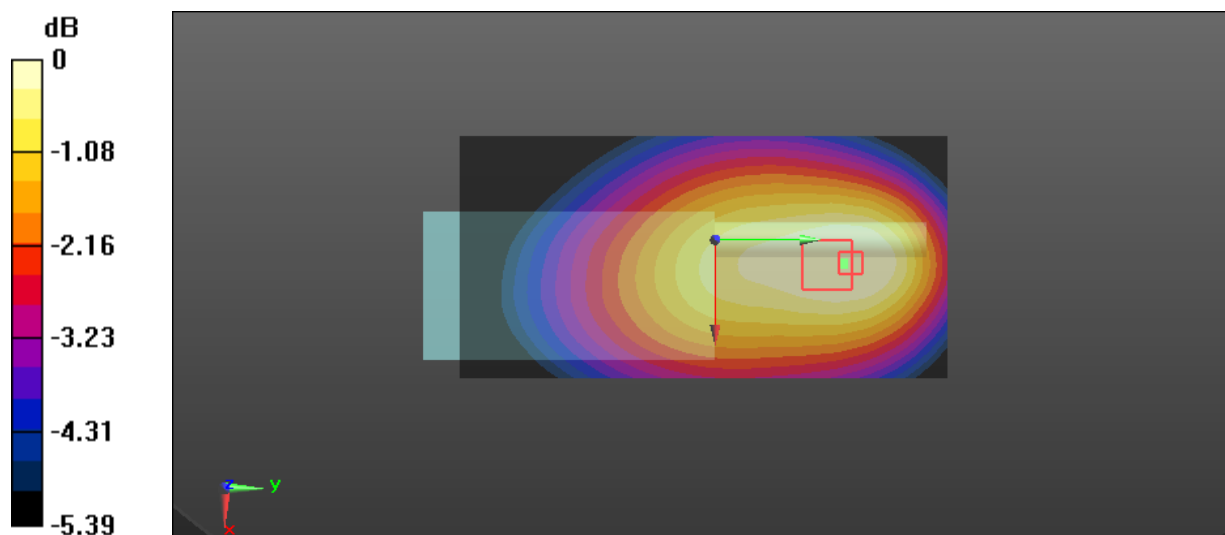
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.08 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.978 W/kg

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

Test Plot 49#: FM_25kHz_173.9875MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

Communication System: FM; Frequency: 173.987 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 173.988$ MHz; $\sigma = 0.796$ S/m; $\epsilon_r = 50.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 173.987 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 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

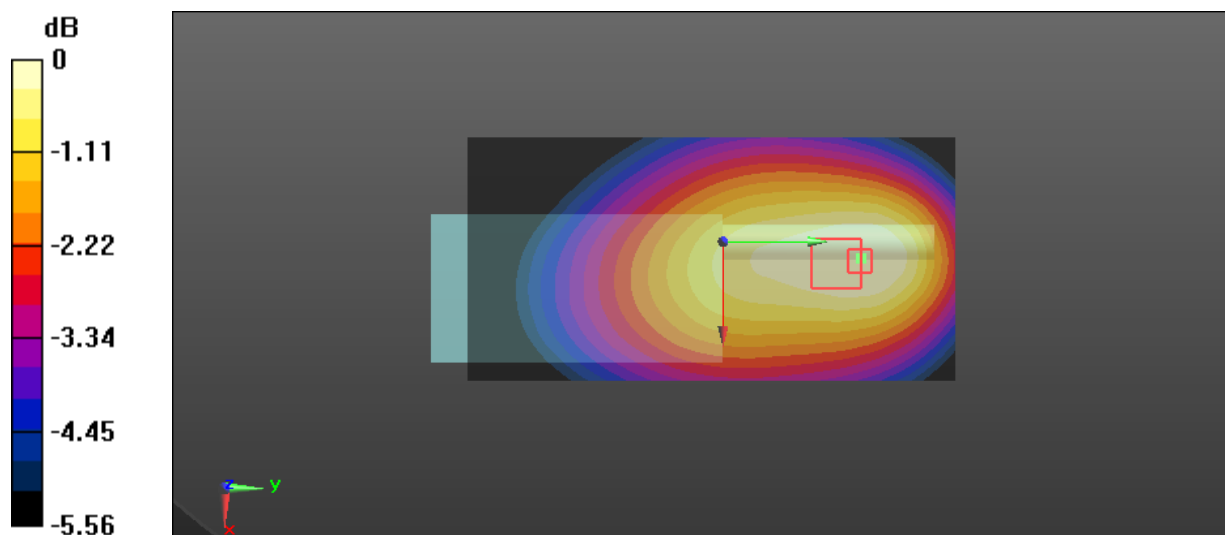
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.31 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.922 W/kg; SAR(10 g) = 0.722 W/kg

Maximum value of SAR (measured) = 0.962 W/kg



0 dB = 0.962 W/kg = -0.17 dBW/kg

Test Plot 50#:4FSK_168.5125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 168.512$ MHz; $\sigma = 0.787$ S/m; $\epsilon_r = 50.204$; $\rho = 1000$ 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) = 0.665 W/kg

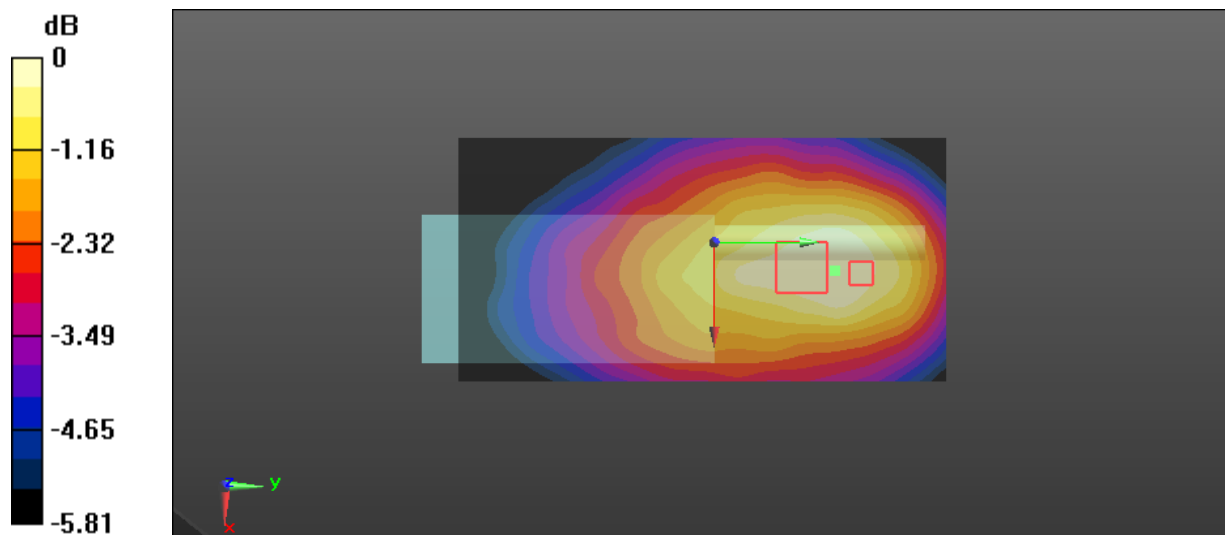
Zoom Scan (6x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.23 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.902 W/kg

SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.469 W/kg

Maximum value of SAR (measured) = 0.638 W/kg



0 dB = 0.638 W/kg = -1.95 dBW/kg

Test Plot 51#: FM_25kHz_168.5125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BBAA; Serial: LC201150001-BB**

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

Medium parameters used: $f = 168.512$ MHz; $\sigma = 0.787$ S/m; $\epsilon_r = 50.204$; $\rho = 1000$ 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) = 1.23 W/kg

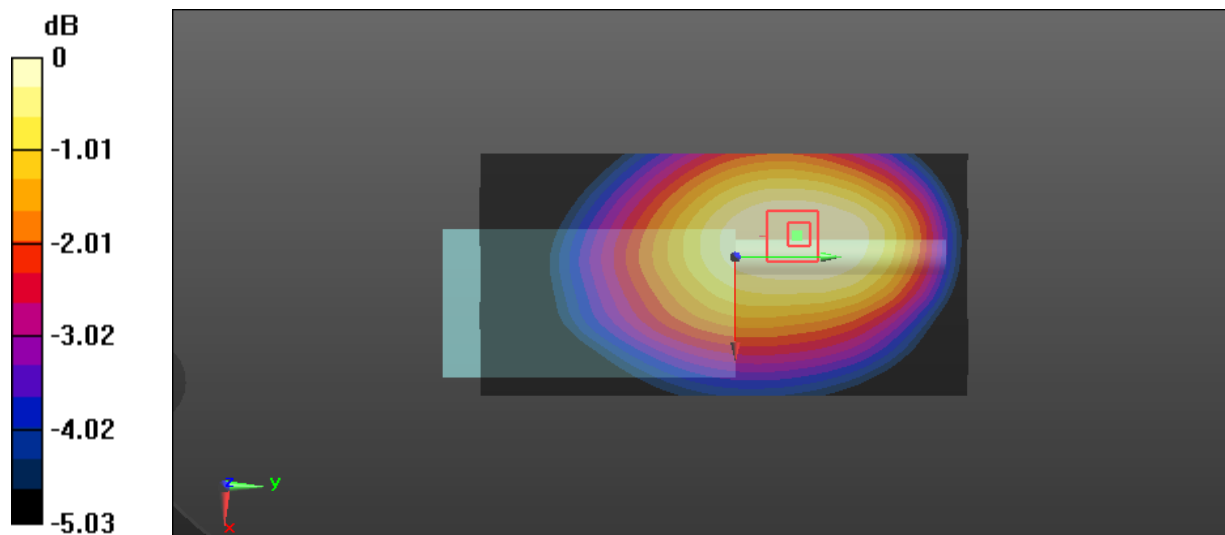
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.20 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.906 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

Test Plot 52#: FM_25kHz_168.5125MHz_Face Up**DUT: Two way radio; Type: T03-00303-BAAA; Serial: LC201150001-BA**

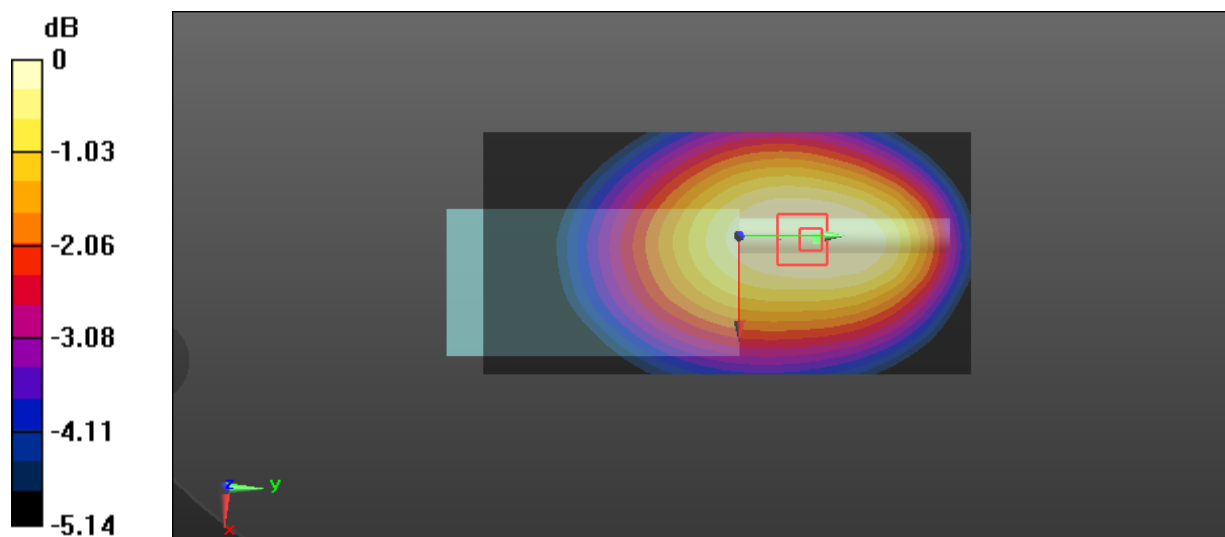
Communication System: FM; Frequency: 168.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 168.512 \text{ MHz}$; $\sigma = 0.787 \text{ S/m}$; $\epsilon_r = 50.204$; $\rho = 1000 \text{ kg/m}^3$

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) = 1.28 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 41.65 V/m ; Power Drift = -0.19 dB Peak SAR (extrapolated) = 1.53 W/kg **SAR(1 g) = 1.18 W/kg ; SAR(10 g) = 0.936 W/kg** Maximum value of SAR (measured) = 1.23 W/kg 0 dB = 1.23 W/kg = 0.90 dBW/kg

Test Plot 53#: FM_12.5kHz_163.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.806$ S/m; $\epsilon_r = 60.653$; $\rho = 1000$ 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) = 2.86 W/kg

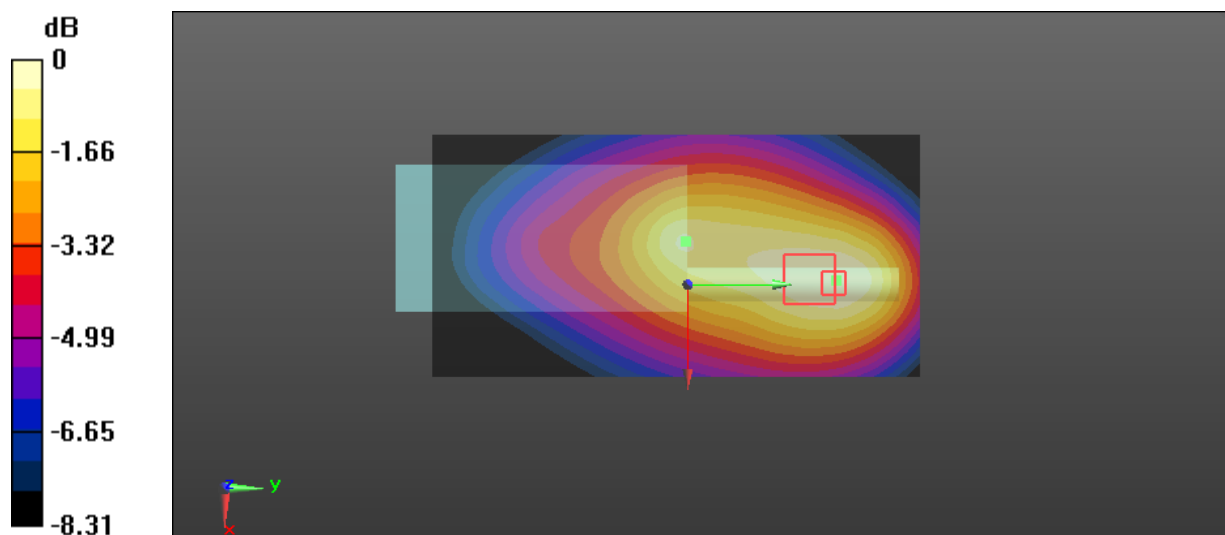
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.94 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.25 W/kg

SAR(1 g) = 2.67 W/kg; SAR(10 g) = 1.9 W/kg

Maximum value of SAR (measured) = 2.80 W/kg



0 dB = 2.80 W/kg = 4.47 dBW/kg

Test Plot 54#: FM_25kHz_163.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.806$ S/m; $\epsilon_r = 60.653$; $\rho = 1000$ 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) = 3.20 W/kg

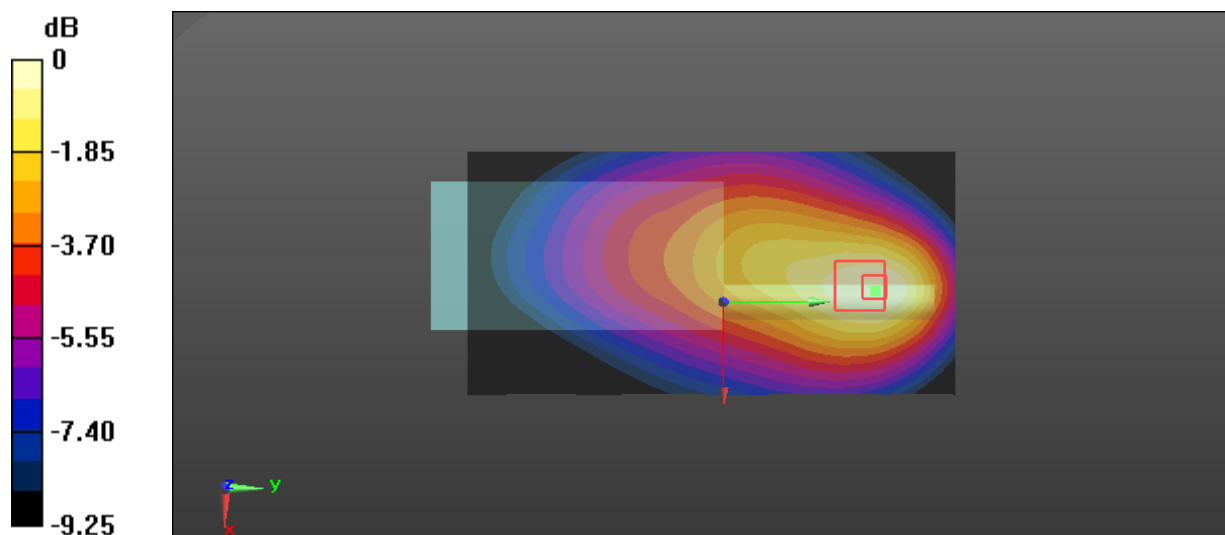
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.30 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 5.06 W/kg

SAR(1 g) = 2.88 W/kg; SAR(10 g) = 1.89 W/kg

Maximum value of SAR (measured) = 3.05 W/kg



0 dB = 3.05 W/kg = 4.84 dBW/kg

Test Plot 55#: FM_25kHz_168.5125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 168.512$ MHz; $\sigma = 0.821$ S/m; $\epsilon_r = 60.156$; $\rho = 1000$ kg/m³

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 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.81 W/kg

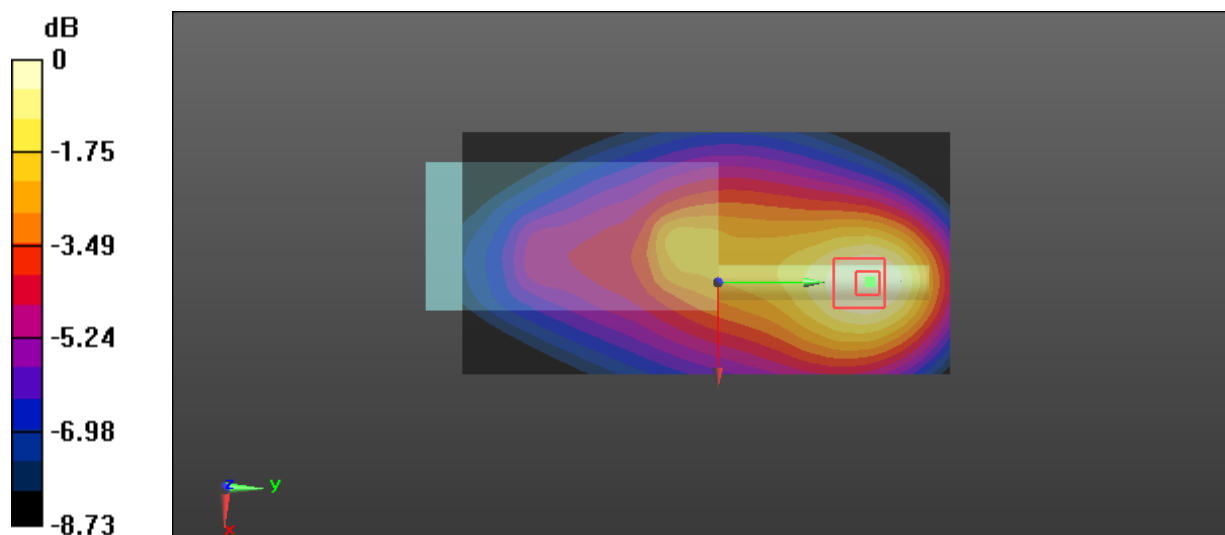
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.33 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.19 W/kg

SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.68 W/kg

Maximum value of SAR (measured) = 2.64 W/kg



0 dB = 2.64 W/kg = 4.22 dBW/kg

Test Plot 56#: FM_25kHz_173.9875MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

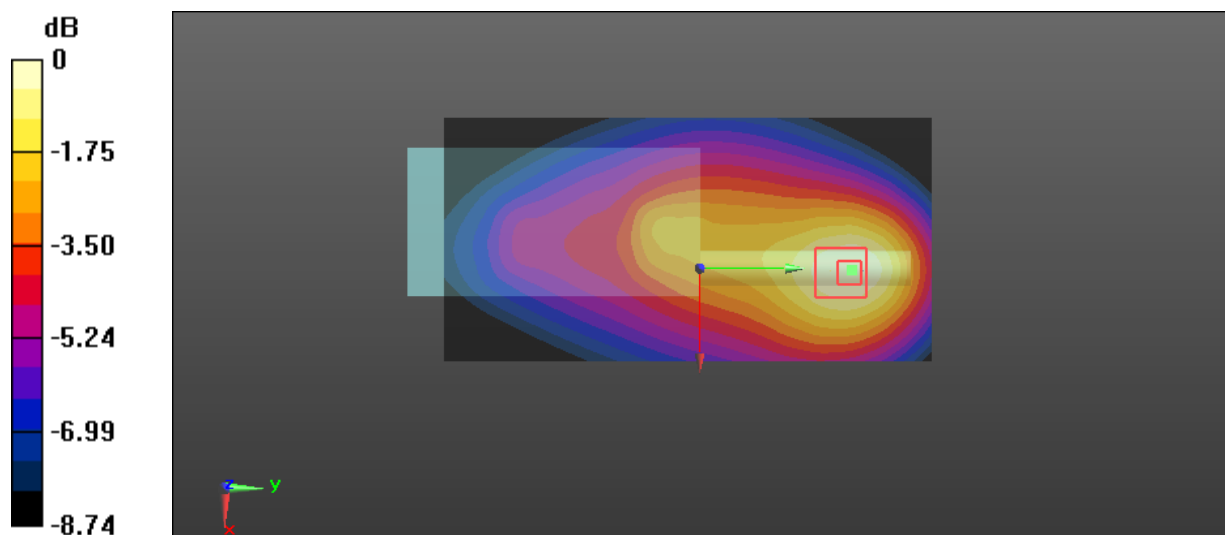
Communication System: FM; Frequency: 173.987 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 173.988 \text{ MHz}$; $\sigma = 0.832 \text{ S/m}$; $\epsilon_r = 59.474$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 173.987 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) = 1.74 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 34.38 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 2.72 W/kg **SAR(1 g) = 1.62 W/kg ; SAR(10 g) = 1.08 W/kg** Maximum value of SAR (measured) = 1.70 W/kg 0 dB = 1.70 W/kg = 2.30 dBW/kg

Test Plot 57#:4FSK_163.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.806$ S/m; $\epsilon_r = 60.653$; $\rho = 1000$ 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) = 1.69 W/kg

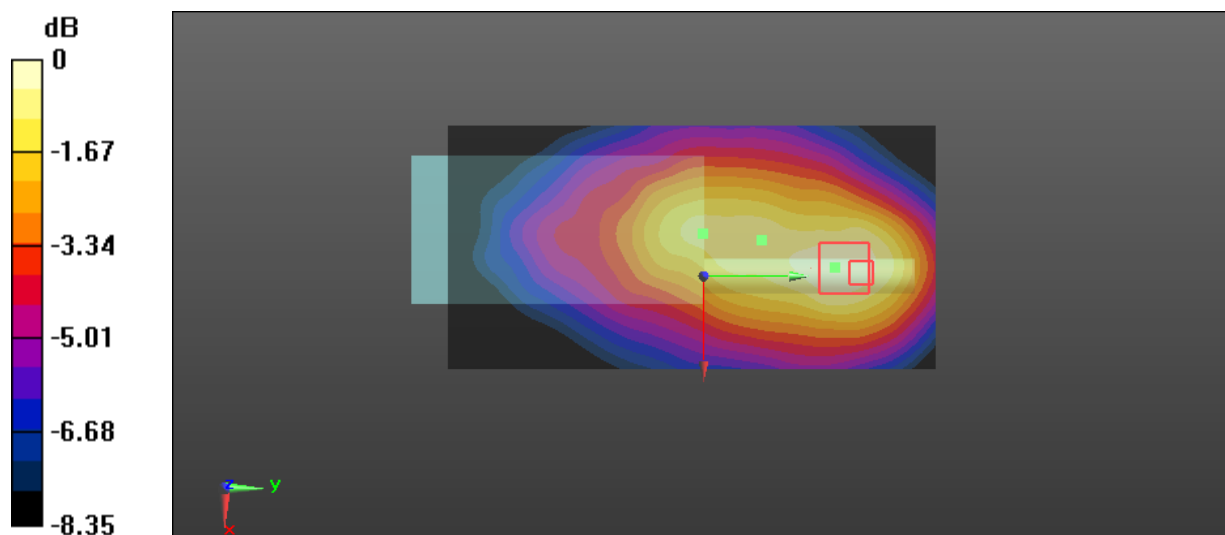
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.03 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 1.61 W/kg; SAR(10 g) = 1.09 W/kg

Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

Test Plot 58#: FM_25kHz_163.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BBAA; Serial: LC201150001-BB**

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

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.806$ S/m; $\epsilon_r = 60.653$; $\rho = 1000$ 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) = 3.33 W/kg

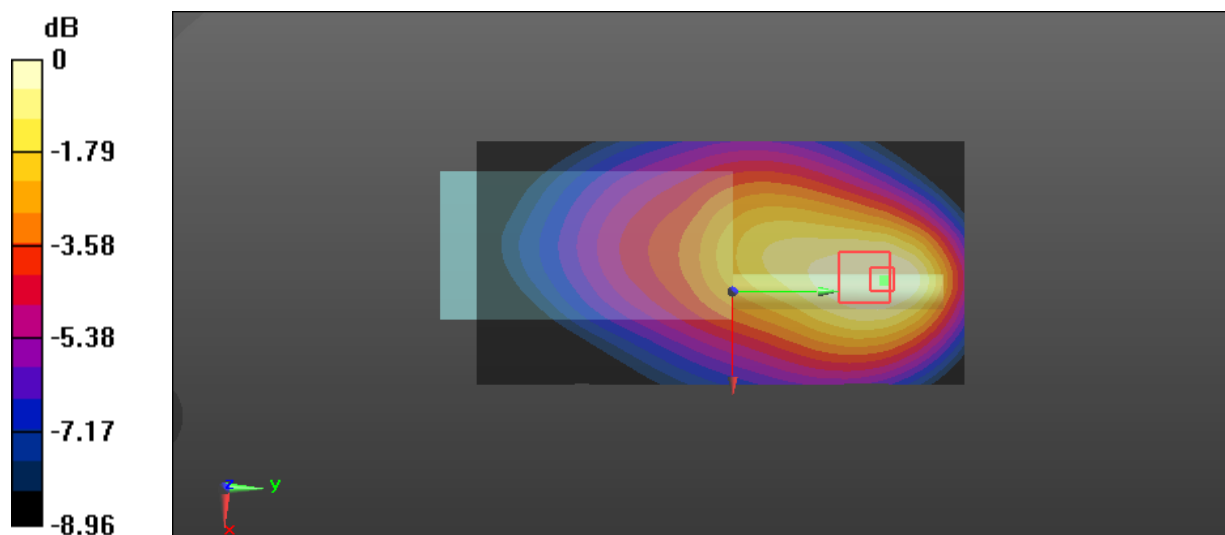
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.29 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.86 W/kg

SAR(1 g) = 2.84 W/kg; SAR(10 g) = 1.91 W/kg

Maximum value of SAR (measured) = 3.00 W/kg



0 dB = 3.00 W/kg = 4.77 dBW/kg

Test Plot 59#: FM_25kHz_163.0125MHz_Body Back**DUT: Two way radio; Type: T03-00303-BAAA; Serial: LC201150001-BA**

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

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.806$ S/m; $\epsilon_r = 60.653$; $\rho = 1000$ 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) = 3.10 W/kg

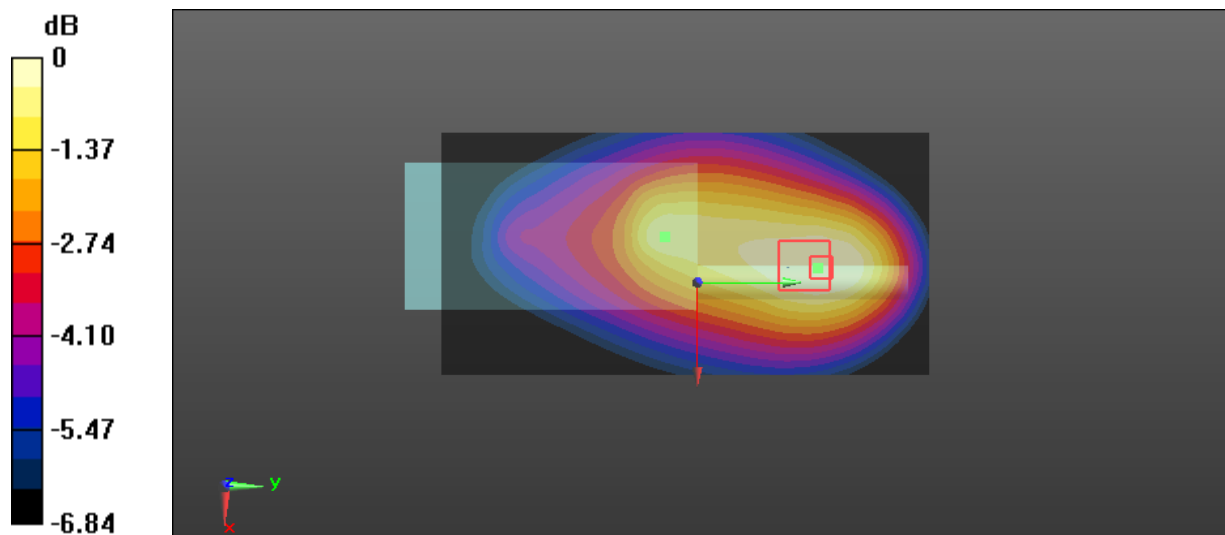
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.05 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.29 W/kg

SAR(1 g) = 2.78 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 2.93 W/kg



0 dB = 2.93 W/kg = 4.67 dBW/kg

Test Plot 60#: FM_25kHz_163.0125MHz_Body Back with headset**DUT: Two way radio; Type: T03-00303-BCAA; Serial: LC201150001-BC**

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

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.806$ S/m; $\epsilon_r = 60.653$; $\rho = 1000$ 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) = 2.91 W/kg

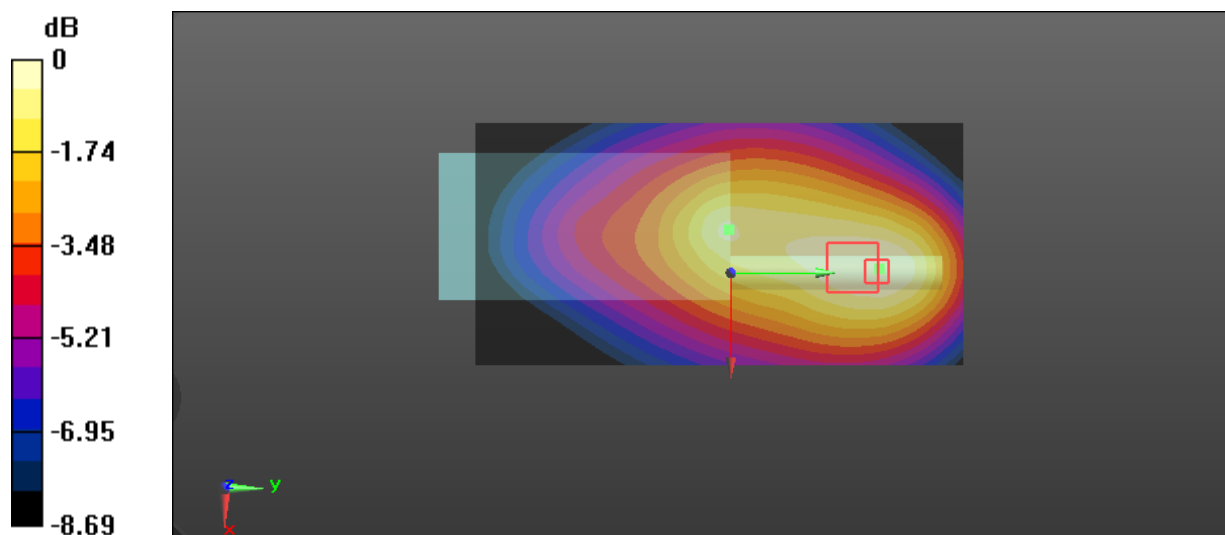
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.06 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 4.59 W/kg

SAR(1 g) = 2.61 W/kg; SAR(10 g) = 1.71 W/kg

Maximum value of SAR (measured) = 2.77 W/kg



0 dB = 2.77 W/kg = 4.42 dBW/kg