

Plot 1#: FM_11.25kHz_151.82MHz_Face Up**DUT: Two-way Radio; Type: V68 PLUS; Serial: RXM210107050-SA-S1**

Communication System: FM; Frequency: 151.82 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.82$ MHz; $\sigma = 0.755$ S/m; $\epsilon_r = 52.306$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 151.82 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.259 W/kg

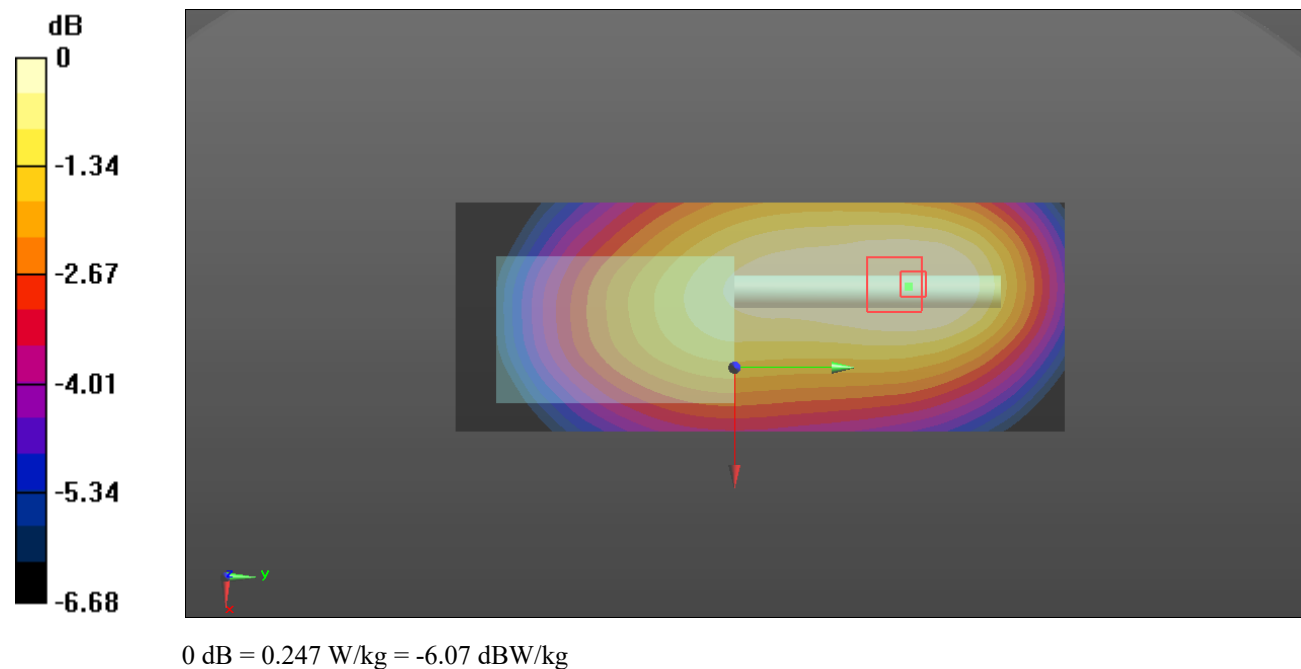
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.80 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.247 W/kg



Plot 2#: FM_11.25kHz_151.88MHz_Face Up**DUT: Two-way Radio; Type: V68 PLUS; Serial: RXM210107050-SA-S1**

Communication System: FM; Frequency: 151.88 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.88$ MHz; $\sigma = 0.759$ S/m; $\epsilon_r = 52.198$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 151.88 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.222 W/kg

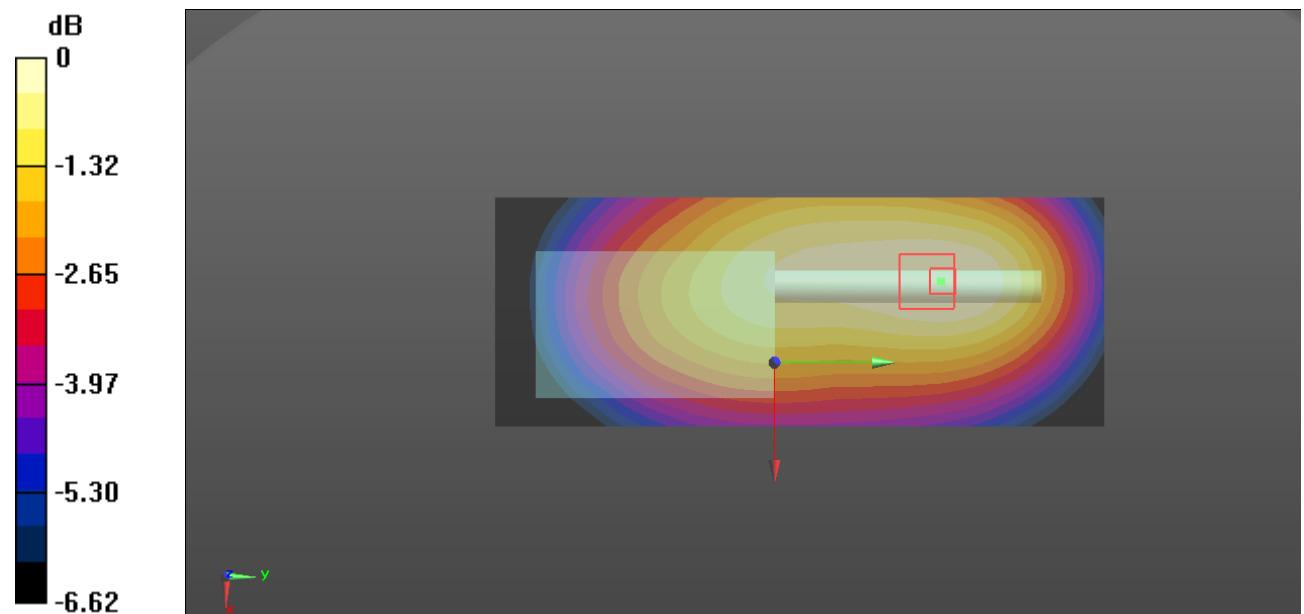
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.14 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

Plot 3#: FM_11.25kHz_151.94MHz_Face Up**DUT: Two-way Radio; Type: V68 PLUS; Serial: RXM210107050-SA-S1**

Communication System: FM; Frequency: 151.94 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.94$ MHz; $\sigma = 0.764$ S/m; $\epsilon_r = 52.087$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 151.94 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.202 W/kg

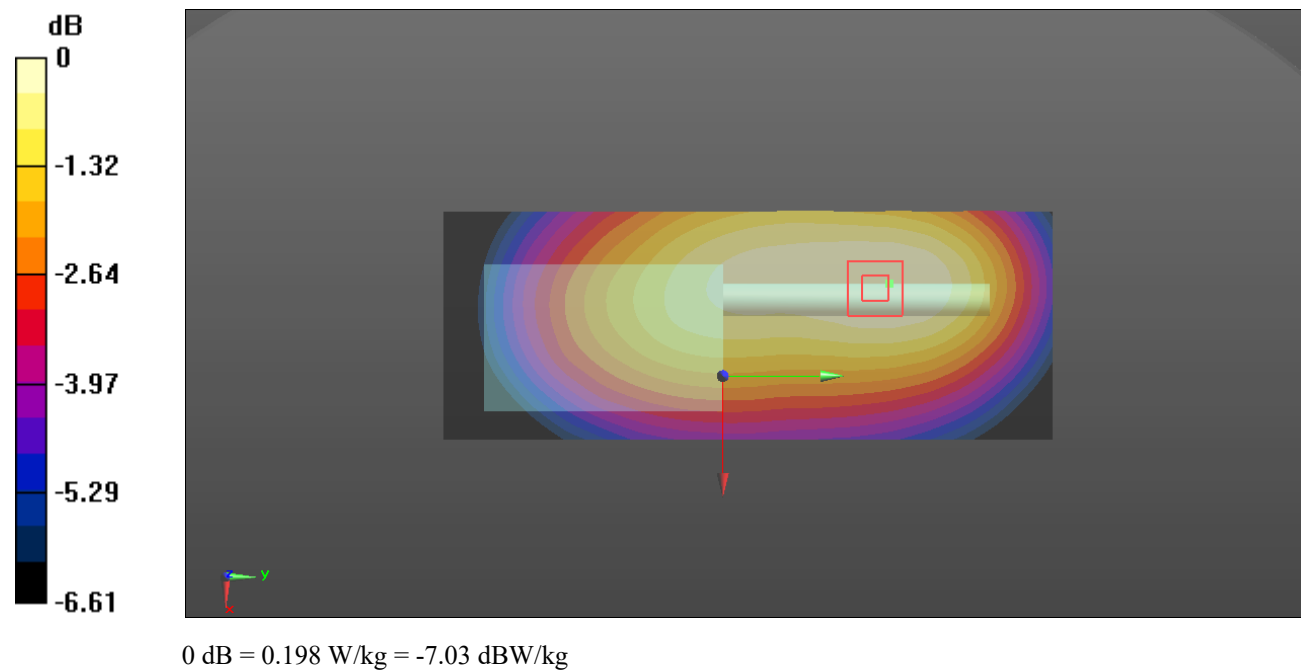
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.09 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.198 W/kg



Plot 4#: FM_20kHz_154.57MHz_Face Up**DUT: Two-way Radio; Type: V68 PLUS; Serial: RXM210107050-SA-S1**

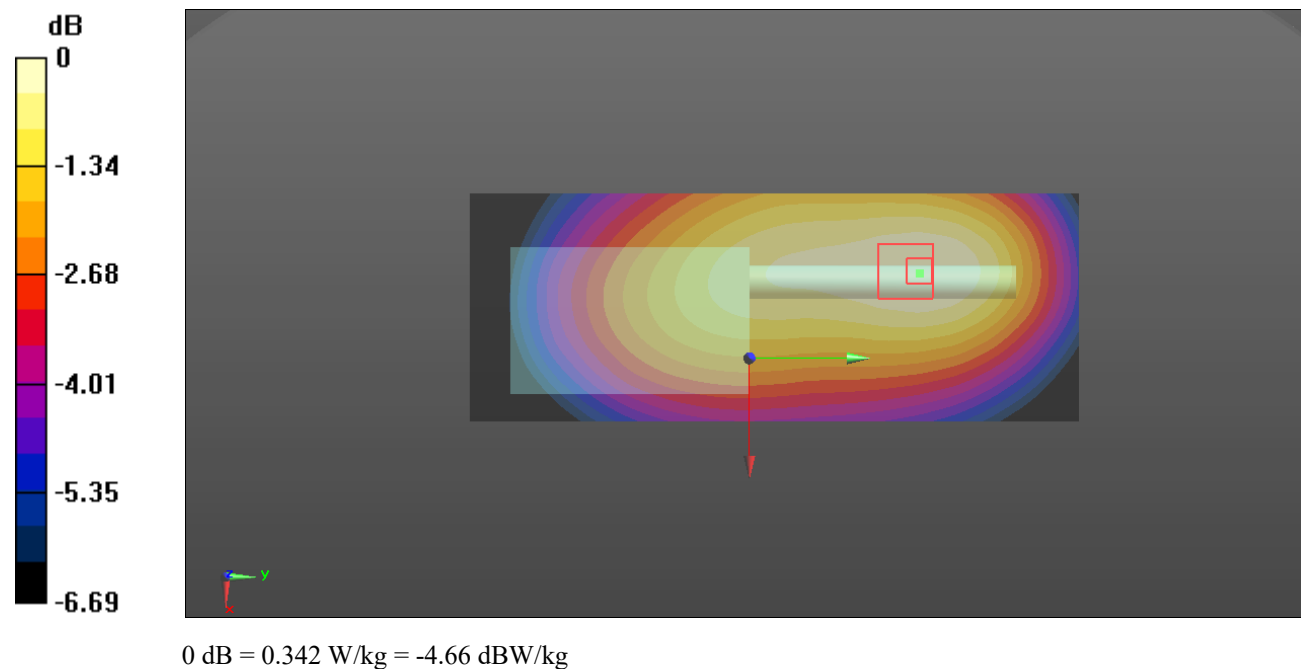
Communication System: FM; Frequency: 154.57 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 154.57 \text{ MHz}$; $\sigma = 0.768 \text{ S/m}$; $\epsilon_r = 51.986$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 154.57 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.349 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 17.37 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 0.441 W/kg **SAR(1 g) = 0.328 W/kg ; SAR(10 g) = 0.253 W/kg** Maximum value of SAR (measured) = 0.342 W/kg 

Plot 5#: FM_20kHz_154.6MHz_Face Up**DUT: Two-way Radio; Type: V68 PLUS; Serial: RXM210107050-SA-S1**

Communication System: FM; Frequency: 154.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 154.6$ MHz; $\sigma = 0.772$ S/m; $\epsilon_r = 51.897$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.7, 7.7, 7.7) @ 154.6 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.382 W/kg

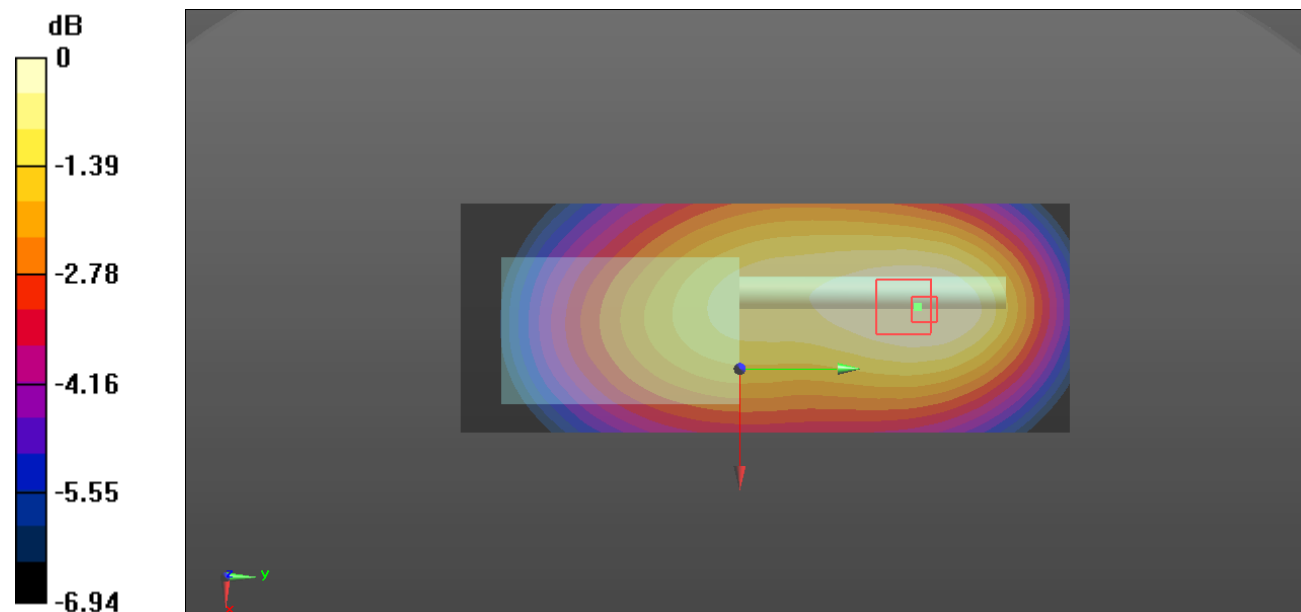
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.57 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.491 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.370 W/kg



0 dB = 0.370 W/kg = -4.32 dBW/kg

Plot 6#: FM_11.25kHz_151.82MHz_Body Back**DUT: Two-way Radio; Type: V68 PLUS; Serial: RXM210107050-SA-S1**

Communication System: FM; Frequency: 151.82 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.82$ MHz; $\sigma = 0.791$ S/m; $\epsilon_r = 61.894$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 151.82 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

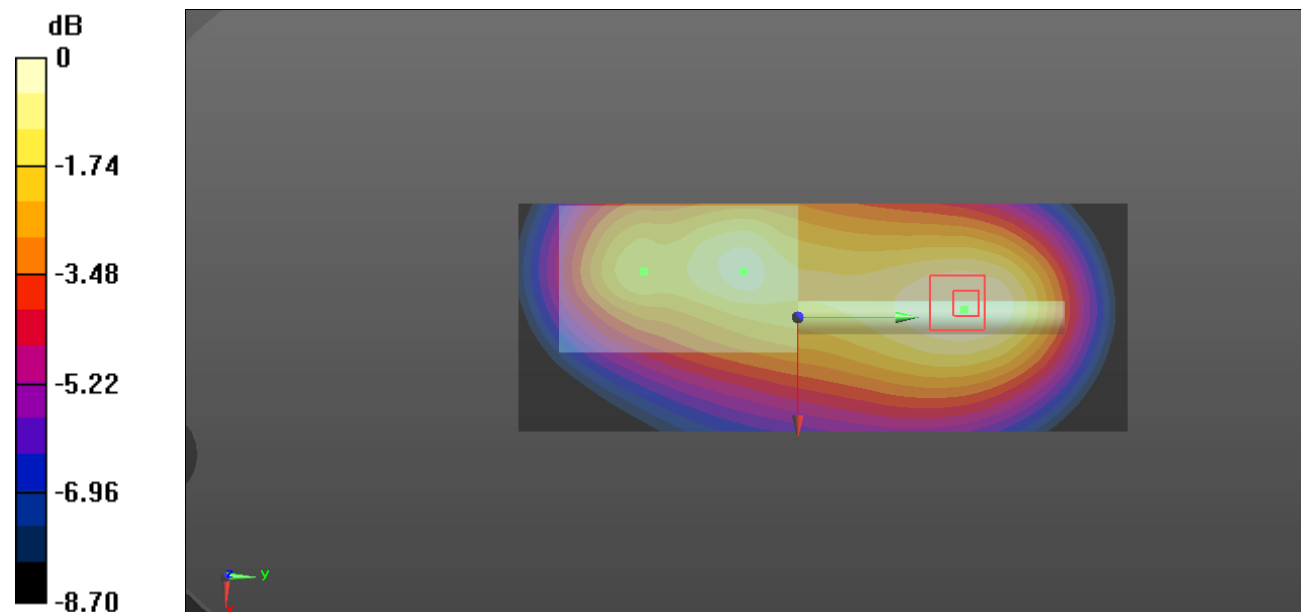
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.47 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.917 W/kg

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



0 dB = 1.35 W/kg = 1.30 dBW/kg

Plot 7#: FM_11.25kHz_151.88MHz_Body Back**DUT: Two-way Radio; Type: V68 PLUS; Serial: RXM210107050-SA-S1**

Communication System: FM; Frequency: 151.88 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.88 \text{ MHz}$; $\sigma = 0.795 \text{ S/m}$; $\epsilon_r = 61.874$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 151.88 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.31 W/kg

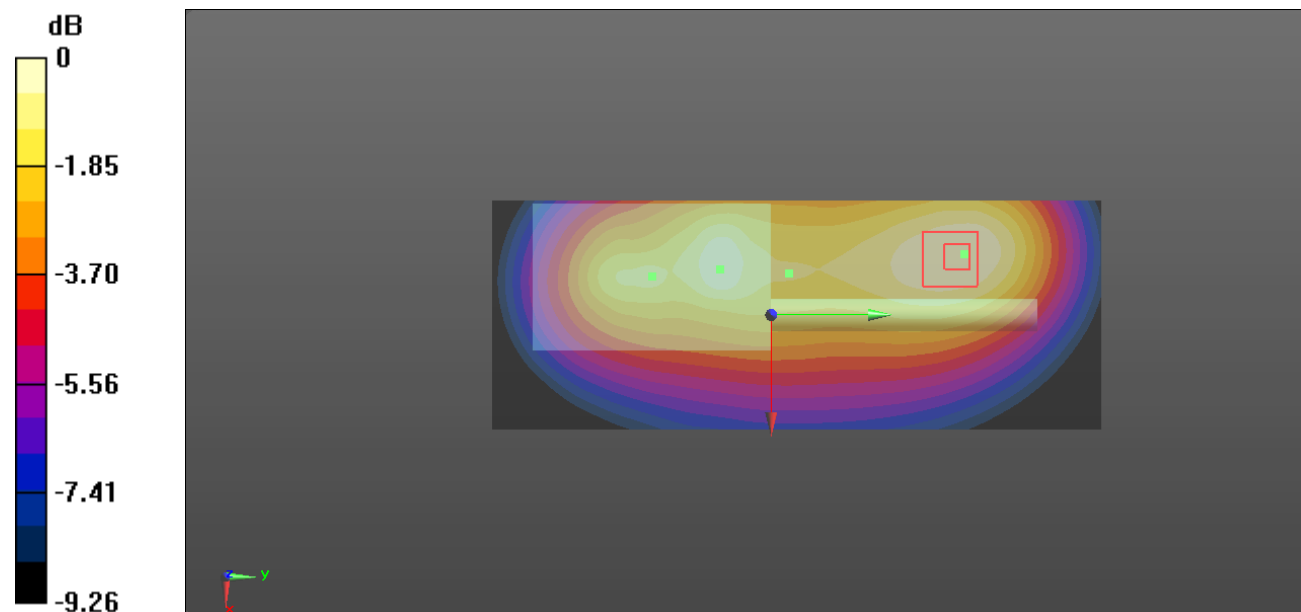
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.55 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.866 W/kg

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



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

Plot 8#: FM_11.25kHz_151.94MHz_Body Back**DUT: Two-way Radio; Type: V68 PLUS; Serial: RXM210107050-SA-S1**

Communication System: FM; Frequency: 151.94 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.94$ MHz; $\sigma = 0.801$ S/m; $\epsilon_r = 61.842$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 151.94 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

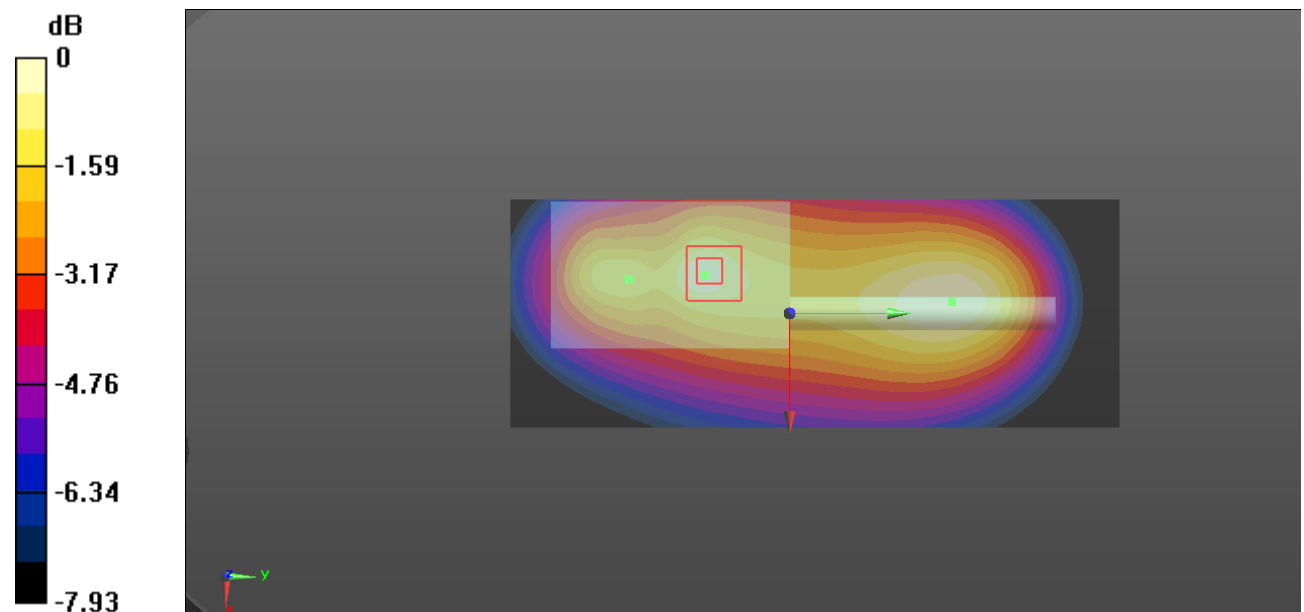
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.63 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.798 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

Plot 9#: FM_20kHz_154.57MHz_Body Back**DUT: Two-way Radio; Type: V68 PLUS; Serial: RXM210107050-SA-S1**

Communication System: FM; Frequency: 154.57 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 154.57$ MHz; $\sigma = 0.806$ S/m; $\epsilon_r = 61.807$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 154.57 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

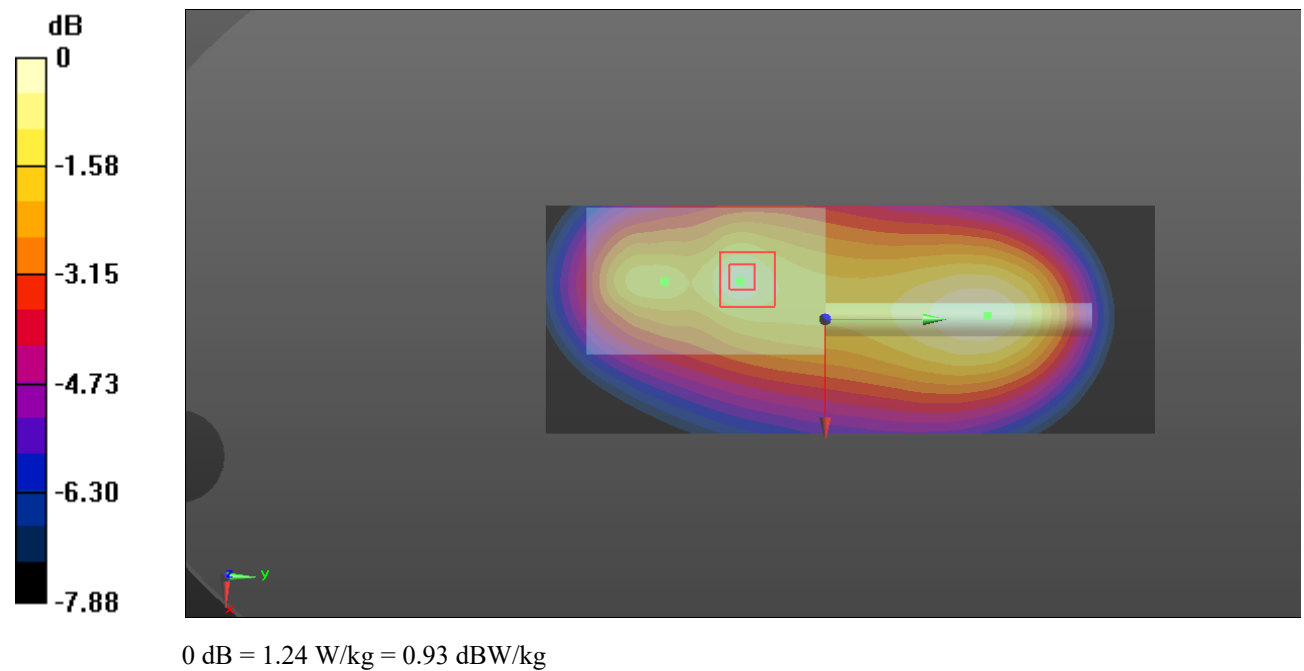
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.05 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.769 W/kg

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



Plot 10#: FM_20kHz_154.6MHz_Body Back**DUT: Two-way Radio; Type: V68 PLUS; Serial: RXM210107050-SA-S1**

Communication System: FM; Frequency: 154.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 154.6$ MHz; $\sigma = 0.812$ S/m; $\epsilon_r = 61.782$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.38, 7.38, 7.38) @ 154.6 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2020/9/30
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 34.13 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.767 W/kg

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

