

Plot 1#: FM 12.5kHz_450.0125MHz _Face Up**DUT: DMR Two Way Radio; Type: TP2210-H7; Serial: CR21110096-SA-S1**

Communication System: FM; Frequency: 450.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 43.559$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.37 W/kg

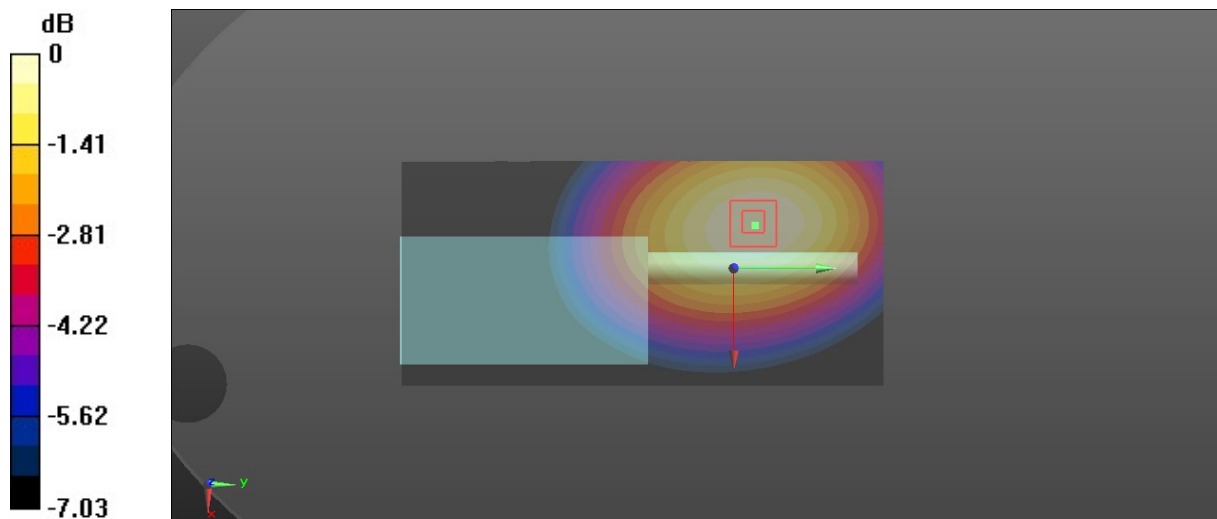
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.68 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.10 W/kg

SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.67 W/kg

Maximum value of SAR (measured) = 2.32 W/kg



0 dB = 2.32 W/kg = 3.65 dBW/kg

Plot 2#: 4FSK_450.0125MHz_Face Up**DUT: DMR Two Way Radio; Type: TP2210-H7; Serial: CR21110096-SA-S1**

Communication System: 4FSK; Frequency: 450.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 43.559$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

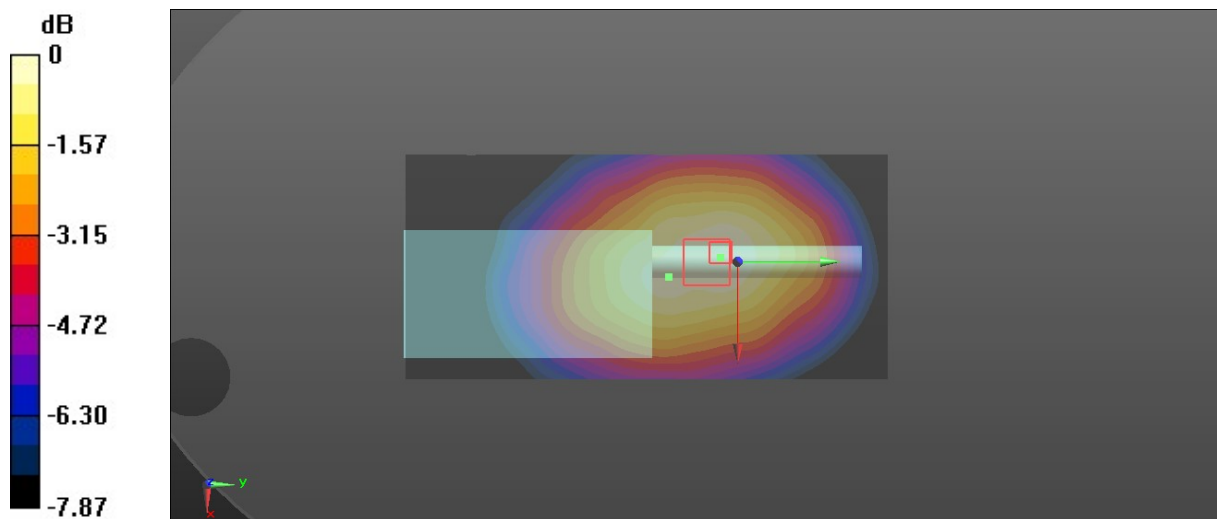
Zoom Scan (6x7x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.18 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.779 W/kg

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



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

Plot 3#: FM 12.5kHz_450.0125MHz_ Body Back**DUT: DMR Two Way Radio; Type: TP2210-H7; Serial: CR21110096-SA-S1**

Communication System: FM; Frequency: 450.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 43.559$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.3 W/kg

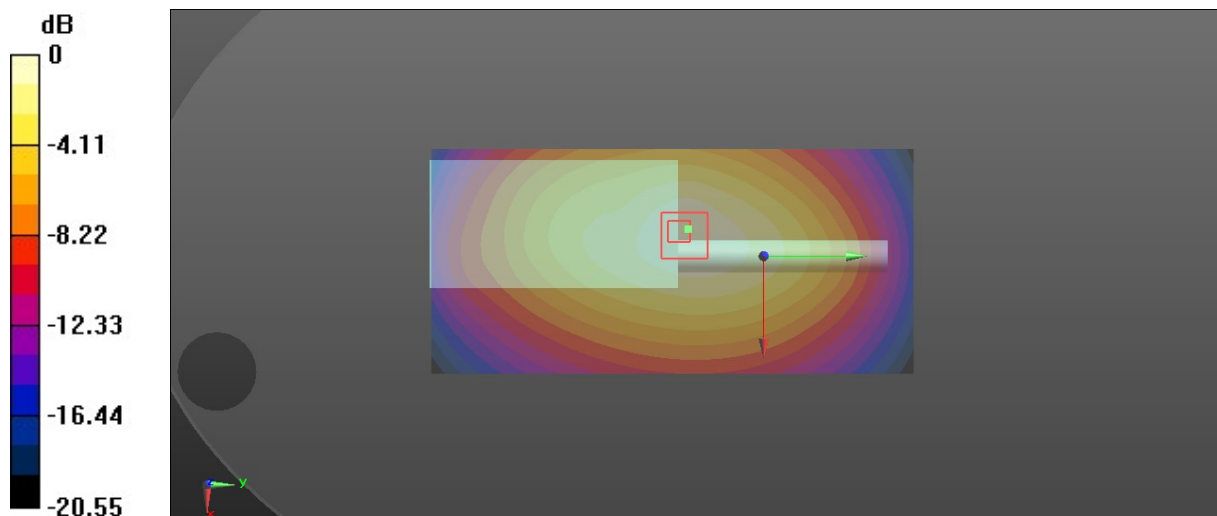
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.32 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 17.6 W/kg

SAR(1 g) = 10.7 W/kg; SAR(10 g) = 7.27 W/kg

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



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

Plot 4#: FM 12.5kHz_467.5125MHz_Body Back**DUT: DMR Two Way Radio; Type: TP2210-H7; Serial: CR21110096-SA-S1**

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 43.436$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

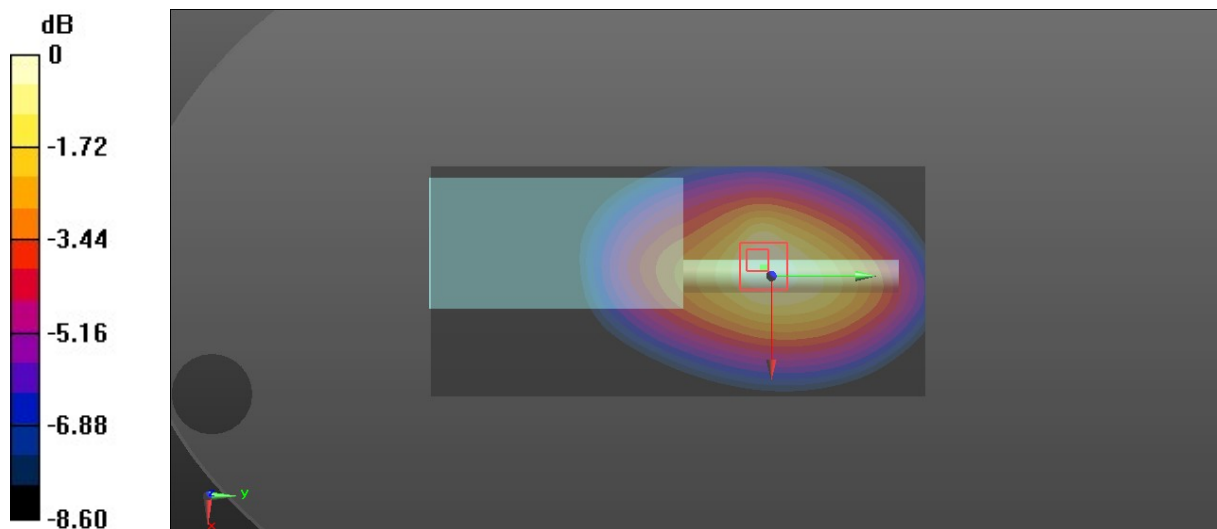
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 112.7 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 6.83 W/kg

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



0 dB = 10.5 W/kg = 10.21 dBW/kg

Plot 5#: FM 12.5kHz_485MHz_Body Back**DUT: DMR Two Way Radio; Type: TP2210-H7; Serial: CR21110096-SA-S1**

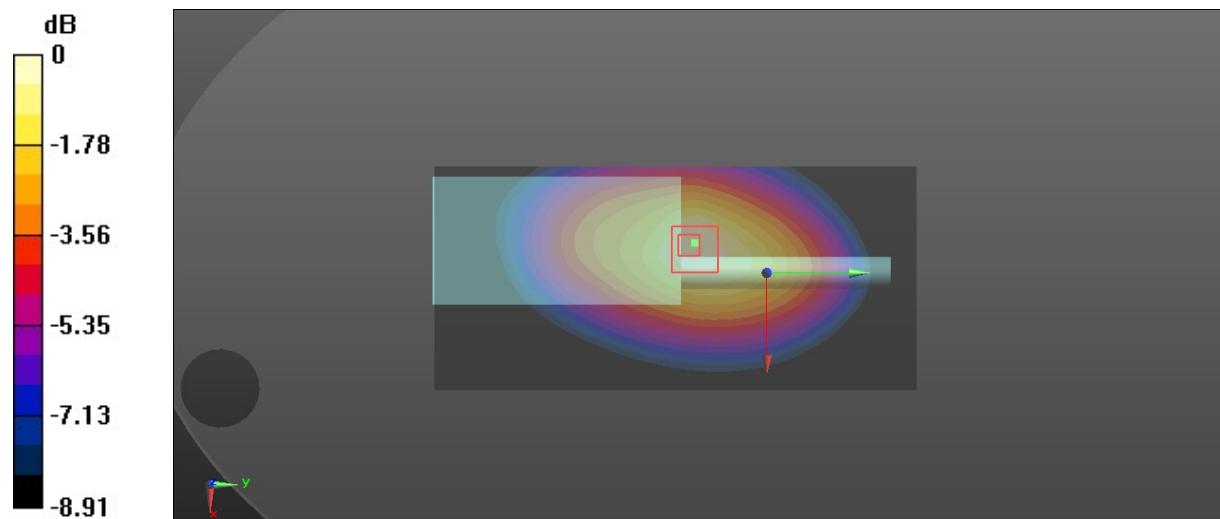
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.878 \text{ S/m}$; $\epsilon_r = 43.355$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 11.1 W/kg **Zoom Scan (5x5x4)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 96.79 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 17.2 W/kg **SAR(1 g) = 10.5 W/kg ; SAR(10 g) = 7.09 W/kg** Maximum value of SAR (measured) = 11.1 W/kg 0 dB = 11.1 W/kg = 10.45 dBW/kg

Plot 6#: FM 12.5kHz_502.4875MHz_Body Back**DUT: DMR Two Way Radio; Type: TP2210-H7; Serial: CR21110096-SA-S1**

Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 43.277$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

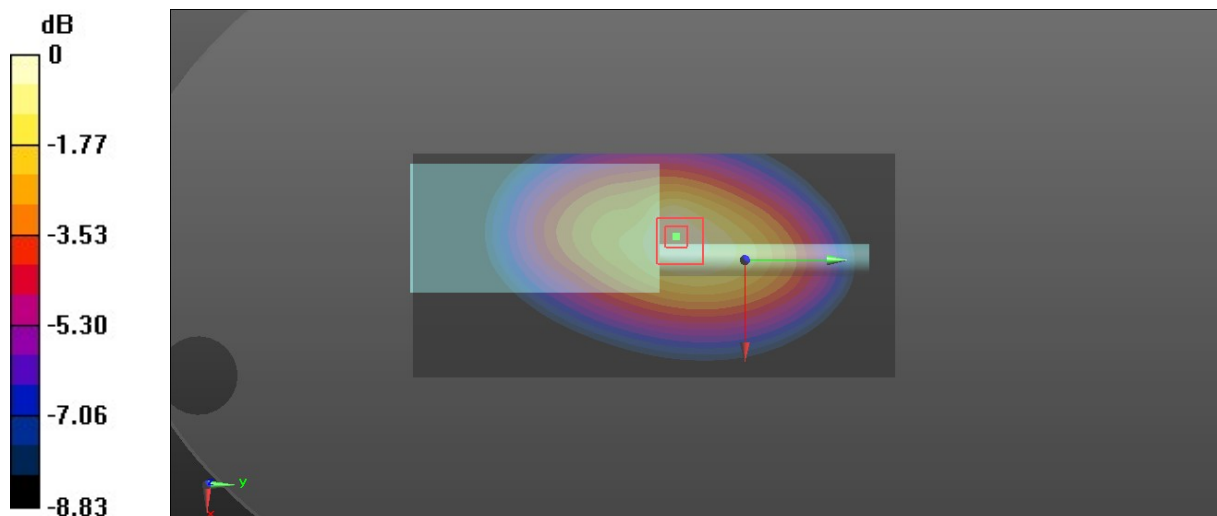
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.3 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.15 W/kg

Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

Plot 7#: FM 12.5kHz_519.9875MHz_Body Back**DUT: DMR Two Way Radio; Type: TP2210-H7; Serial: CR21110096-SA-S1**

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 519.988$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 43.198$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.13 W/kg

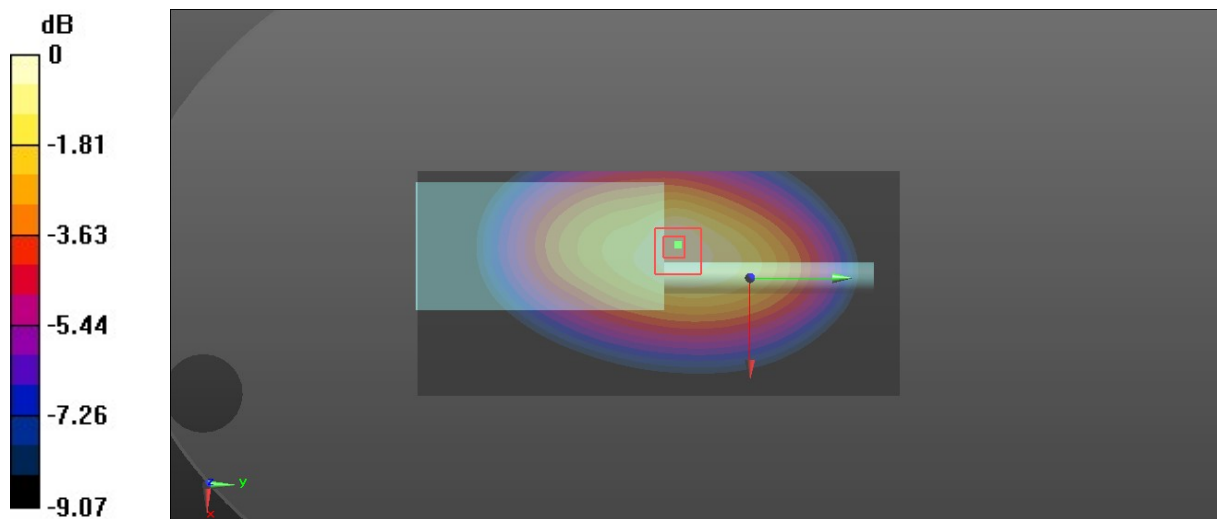
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.15 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 13.4 W/kg

SAR(1 g) = 8.33 W/kg; SAR(10 g) = 5.65 W/kg

Maximum value of SAR (measured) = 8.85 W/kg



0 dB = 8.85 W/kg = 9.47 dBW/kg

Plot 8#: 4FSK_450.0125MHz_Body Back**DUT: DMR Two Way Radio; Type: TP2210-H7; Serial: CR21110096-SA-S1**

Communication System: 4FSK; Frequency: 450.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 43.559$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.50 W/kg

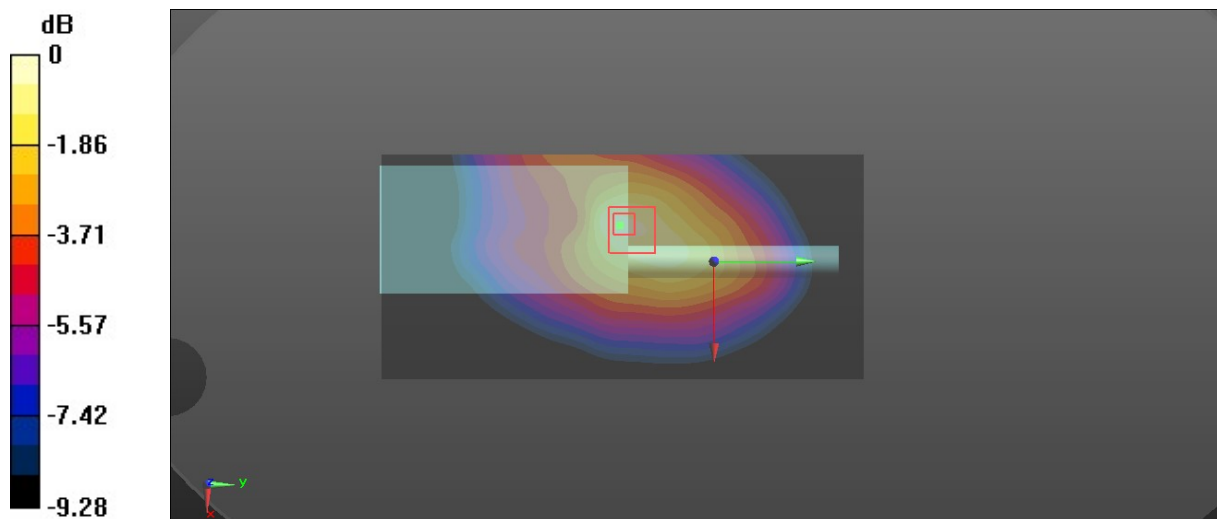
Zoom Scan (6x6x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.97 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 7.16 W/kg

SAR(1 g) = 3.71 W/kg; SAR(10 g) = 2.42 W/kg

Maximum value of SAR (measured) = 3.87 W/kg



0 dB = 3.87 W/kg = 5.88 dBW/kg