

Test Plot 1#: FM_12.5kHz_469.9875MHz_Face Up**DUT: Digital Portable Radio; Type: GD501; Serial: RSZ200427811-SA-S1**

Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 44.196$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 469.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.85 W/kg

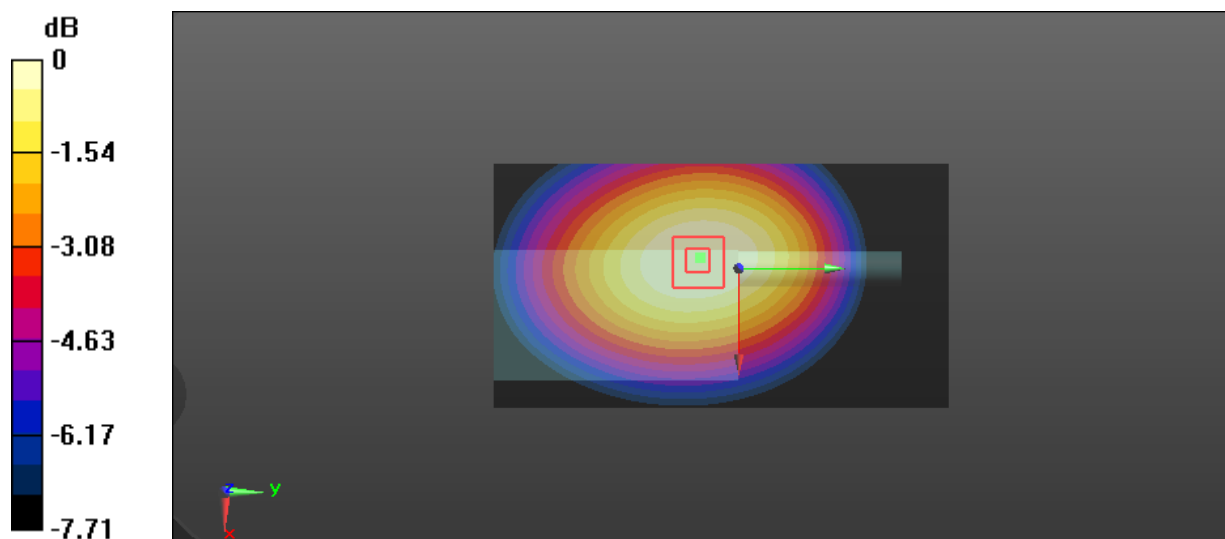
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.11 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.37 W/kg

SAR(1 g) = 2.58 W/kg; SAR(10 g) = 1.94 W/kg

Maximum value of SAR (measured) = 2.71 W/kg



0 dB = 2.71 W/kg = 4.33 dBW/kg

Test Plot 2#: 4FSK_469.9875MHz_Face Up**DUT: Digital Portable Radio; Type: GD501; Serial: RSZ200427811-SA-S1**

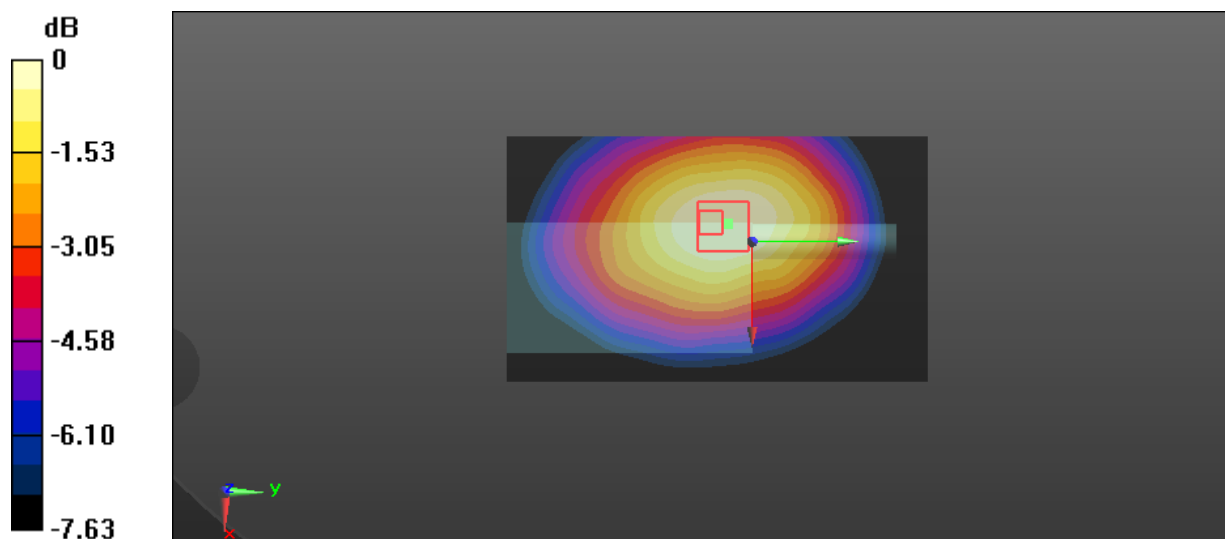
Communication System: 4FSK; Frequency: 469.988 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 469.988 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 44.196$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 469.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 1.68 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 40.84 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 2.10 W/kg **SAR(1 g) = 1.5 W/kg ; SAR(10 g) = 1.12 W/kg** Maximum value of SAR (measured) = 1.58 W/kg 0 dB = 1.58 W/kg = 1.99 dBW/kg

Test Plot 3#: FM_12.5kHz_430.0125MHz_Body Back**DUT: Digital Portable Radio; Type: GD501; Serial: RSZ200427811-SA-S1**

Communication System: FM; Frequency: 430.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 44.878$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.55 W/kg

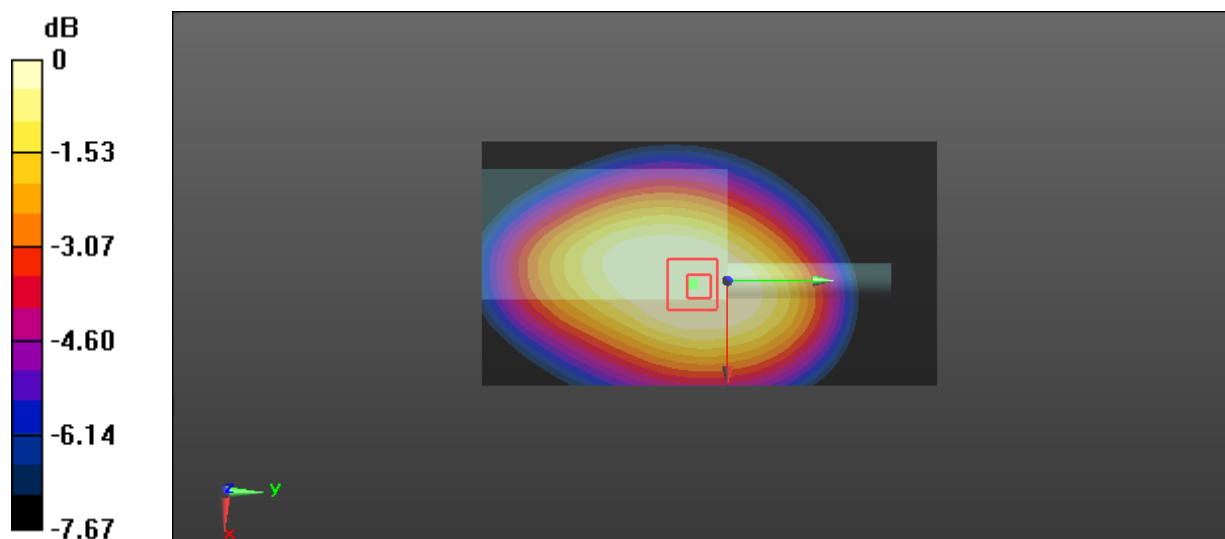
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.22 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.56 W/kg

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



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

Test Plot 4#: FM_12.5kHz_440.0125MHz_Body Back**DUT: Digital Portable Radio; Type: GD501; Serial: RSZ200427811-SA-S1**

Communication System: FM; Frequency: 440.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 440.012$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 44.531$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 440.012 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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.94 W/kg

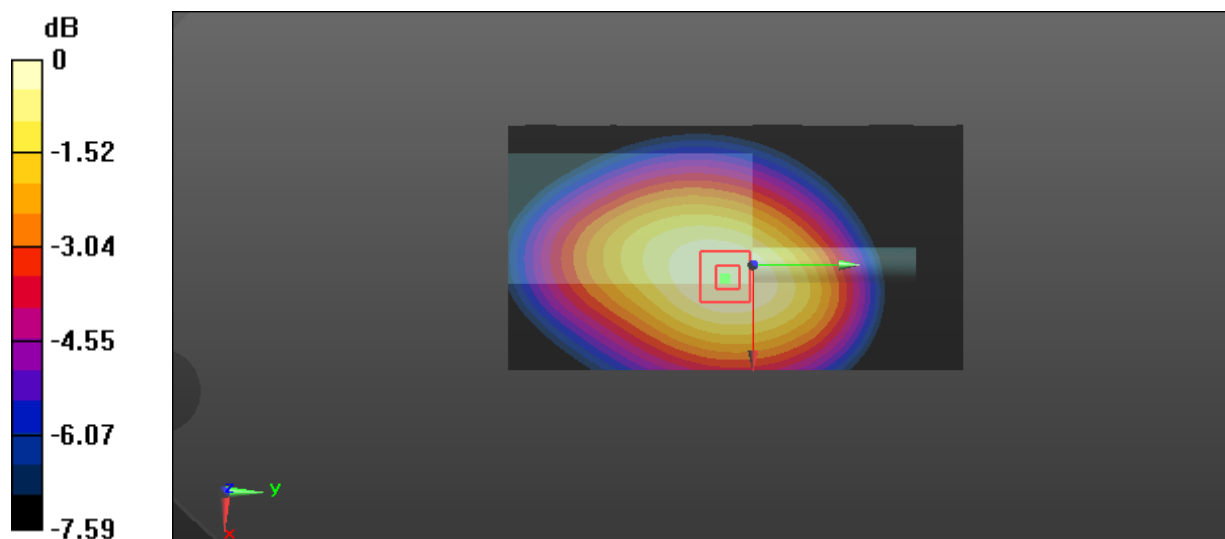
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.72 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 2.69 W/kg; SAR(10 g) = 2.02 W/kg

Maximum value of SAR (measured) = 2.83 W/kg



0 dB = 2.83 W/kg = 4.52 dBW/kg

Test Plot 5#: FM_12.5kHz_450.0125MHz_Body Back**DUT: Digital Portable Radio; Type: GD501; Serial: RSZ200427811-SA-S1**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 44.363$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.86 W/kg

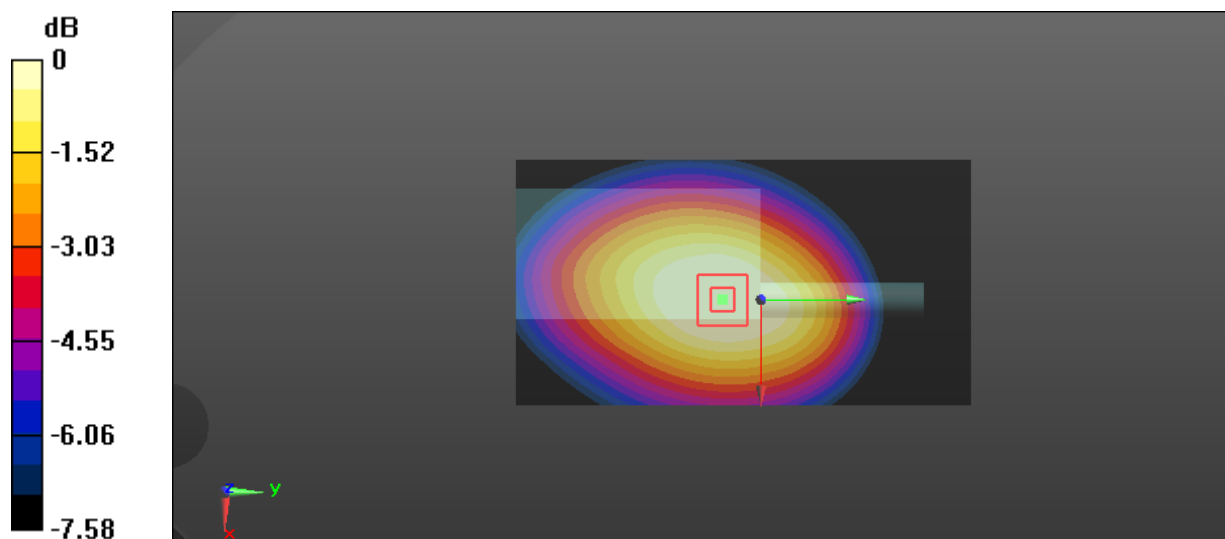
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 66.35 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 4.34 W/kg

SAR(1 g) = 3.29 W/kg; SAR(10 g) = 2.46 W/kg

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



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

Test Plot 6#: FM_12.5kHz_459.9875MHz_Body Back**DUT: Digital Portable Radio; Type: GD501; Serial: RSZ200427811-SA-S1**

Communication System: FM; Frequency: 459.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 459.988$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 44.243$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 459.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

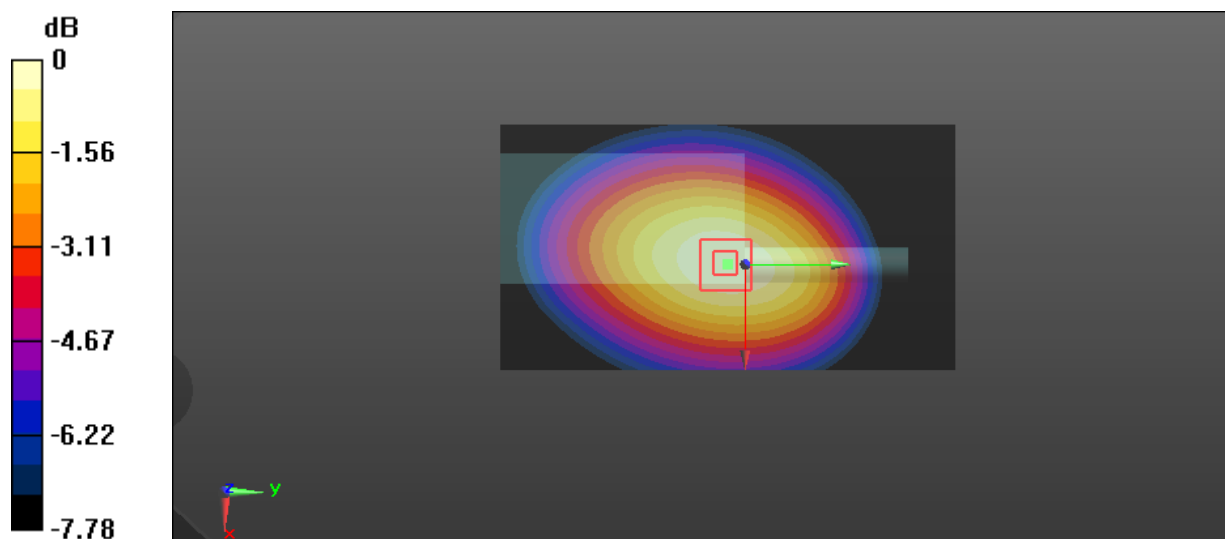
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.39 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.75 W/kg

SAR(1 g) = 3.56 W/kg; SAR(10 g) = 2.64 W/kg

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



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

Test Plot 7#: FM_12.5kHz_469.9875MHz_Body Back**DUT: Digital Portable Radio; Type: GD501; Serial: RSZ200427811-SA-S1**

Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 44.196$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 469.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.17 W/kg

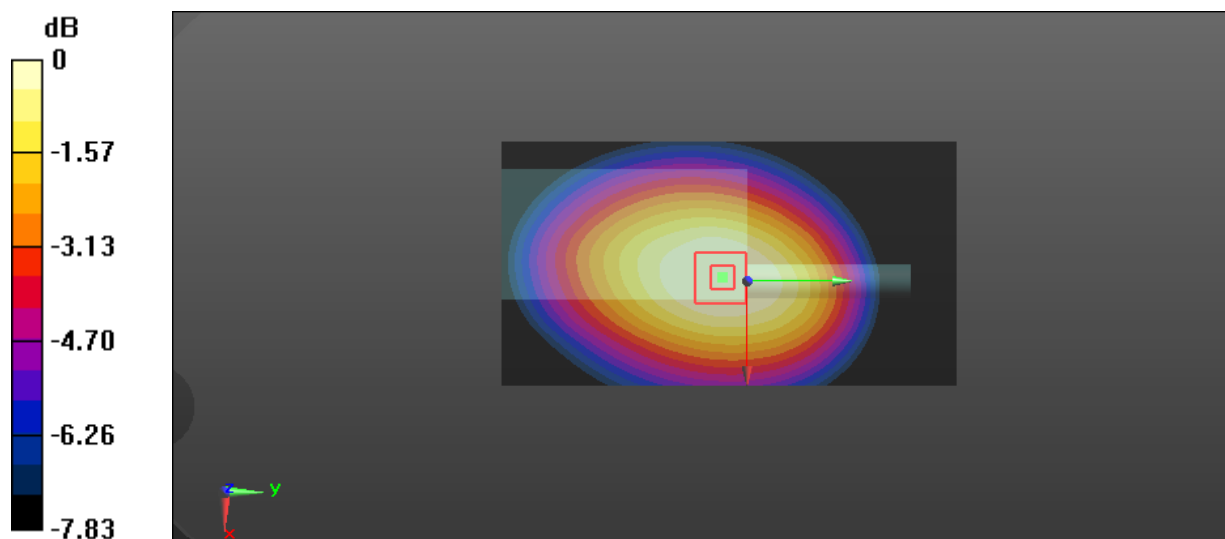
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 70.59 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 4.88 W/kg

SAR(1 g) = 3.67 W/kg; SAR(10 g) = 2.71 W/kg

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



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

Test Plot 8#: 4FSK_469.9875MHz_Body Back**DUT: Digital Portable Radio; Type: GD501; Serial: RSZ200427811-SA-S1**

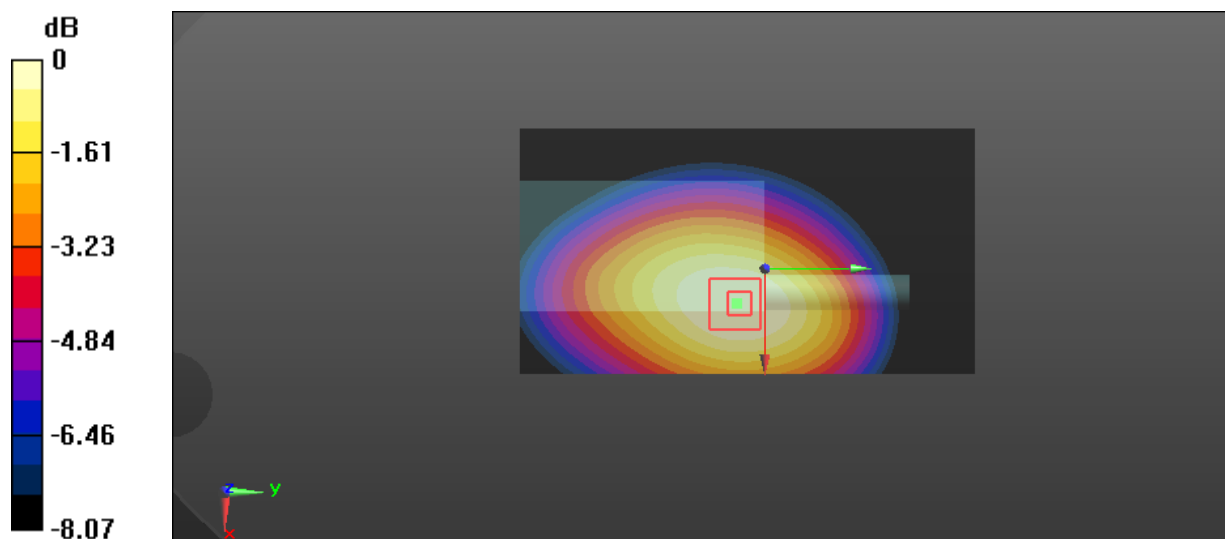
Communication System: 4FSK; Frequency: 469.988 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 469.988 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 44.196$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 469.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.06 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 53.76 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 3.74 W/kg **SAR(1 g) = 2.77 W/kg ; SAR(10 g) = 2.03 W/kg** Maximum value of SAR (measured) = 2.91 W/kg 0 dB = 2.91 W/kg = 4.64 dBW/kg