

**Test Plot 1#: FM\_12.5kHz\_430.0125MHz\_Face Up****DUT: Digital Portable Radio; Type: GD800; Serial: RSZ200428815-SA-S1**

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

Medium parameters used:  $f = 430.012$  MHz;  $\sigma = 0.875$  S/m;  $\epsilon_r = 44.942$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (61x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.72 W/kg

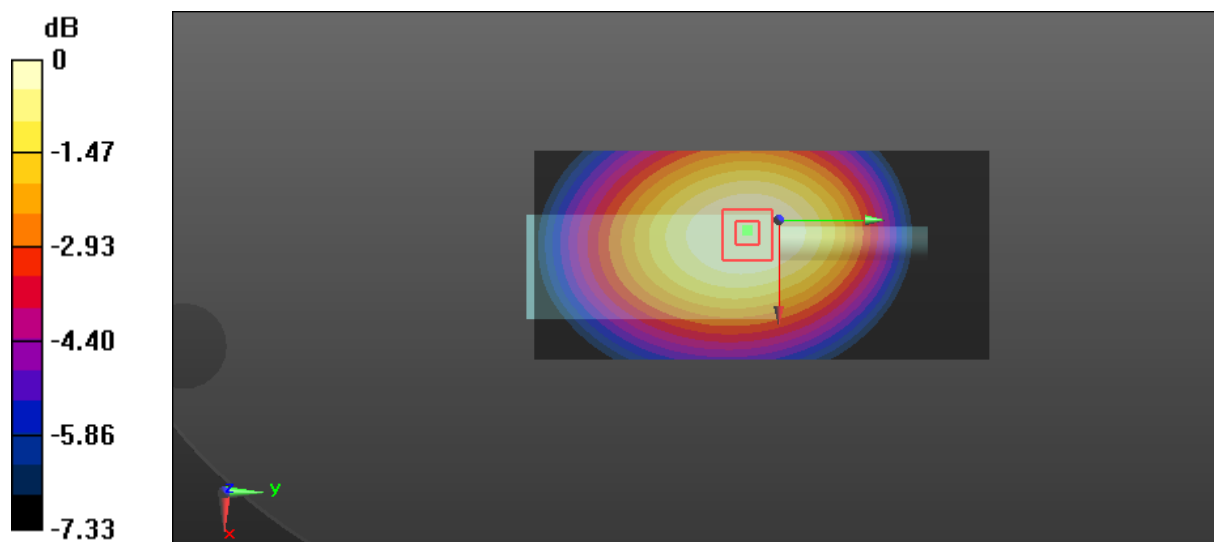
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.19 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 1.58 W/kg; SAR(10 g) = 1.21 W/kg**

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

**Test Plot 2#:4FSK\_430.0125MHz\_Face Up****DUT: Digital Portable Radio; Type: GD800; Serial: RSZ200428815-SA-S1**

Communication System: 4FSK; Frequency: 430.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 430.012$  MHz;  $\sigma = 0.875$  S/m;  $\epsilon_r = 44.942$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.910 W/kg

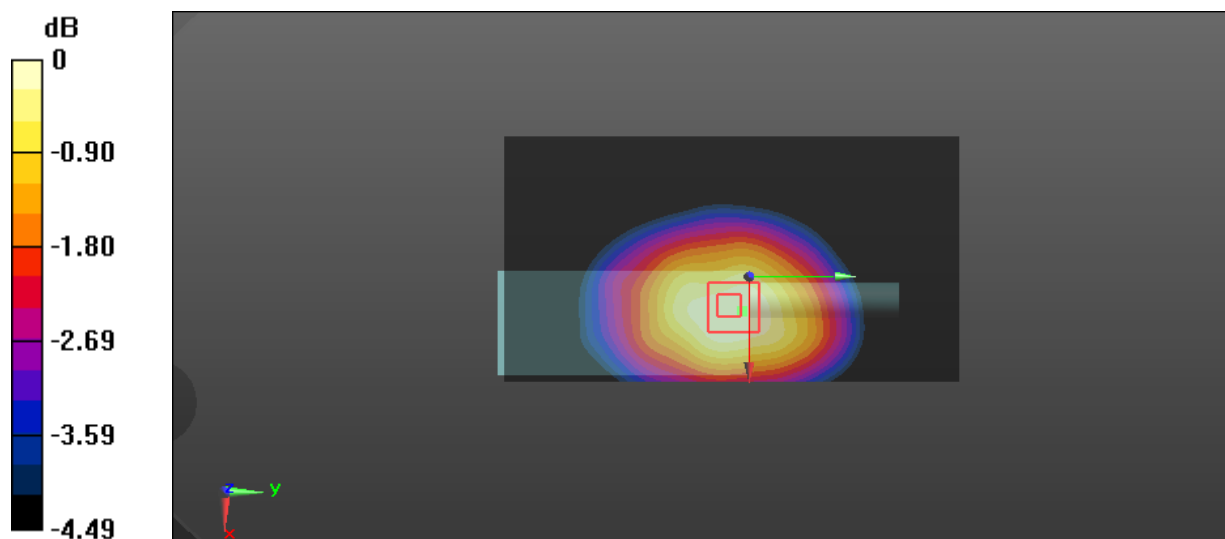
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.97 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.627 W/kg**

Maximum value of SAR (measured) = 0.881 W/kg



0 dB = 0.881 W/kg = -0.55 dBW/kg

**Test Plot 3#: FM\_12.5kHz\_430.0125MHz\_Body Back****DUT: Digital Portable Radio; Type: GD800; Serial: RSZ200428815-SA-S1**

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

Medium parameters used:  $f = 430.012$  MHz;  $\sigma = 0.875$  S/m;  $\epsilon_r = 44.942$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 2.59 W/kg

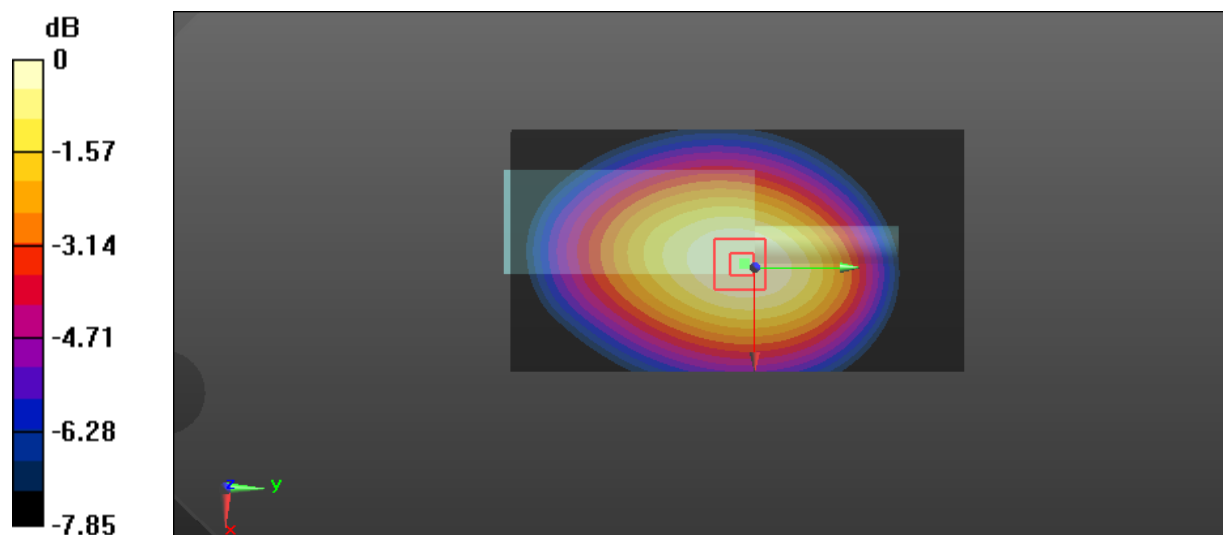
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.34 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.09 W/kg

**SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.75 W/kg**

Maximum value of SAR (measured) = 2.49 W/kg



0 dB = 2.49 W/kg = 3.96 dBW/kg

**Test Plot 4#: FM\_12.5kHz\_440.0125MHz\_Body Back****DUT: Digital Portable Radio; Type: GD800; Serial: RSZ200428815-SA-S1**

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

Medium parameters used:  $f = 440.012$  MHz;  $\sigma = 0.881$  S/m;  $\epsilon_r = 44.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (61x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.90 W/kg

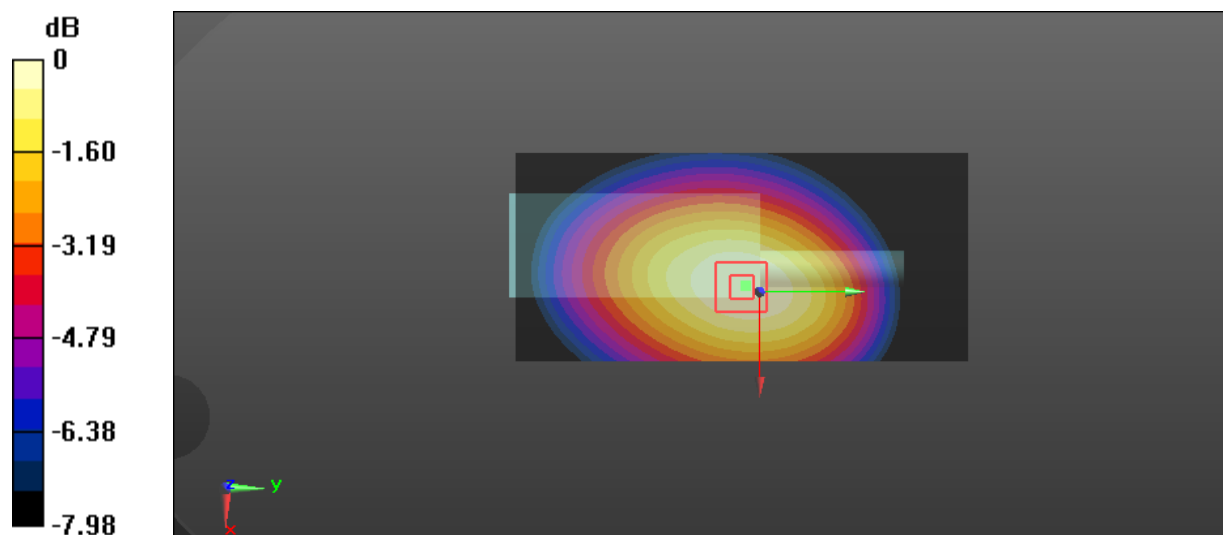
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.84 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.31 W/kg

**SAR(1 g) = 1.75 W/kg; SAR(10 g) = 1.3 W/kg**

Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 1.85 W/kg = 2.67 dBW/kg

**Test Plot 5#: FM\_12.5kHz\_450.0125MHz\_Body Back****DUT: Digital Portable Radio; Type: GD800; Serial: RSZ200428815-SA-S1**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.895$  S/m;  $\epsilon_r = 44.441$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 1.59 W/kg

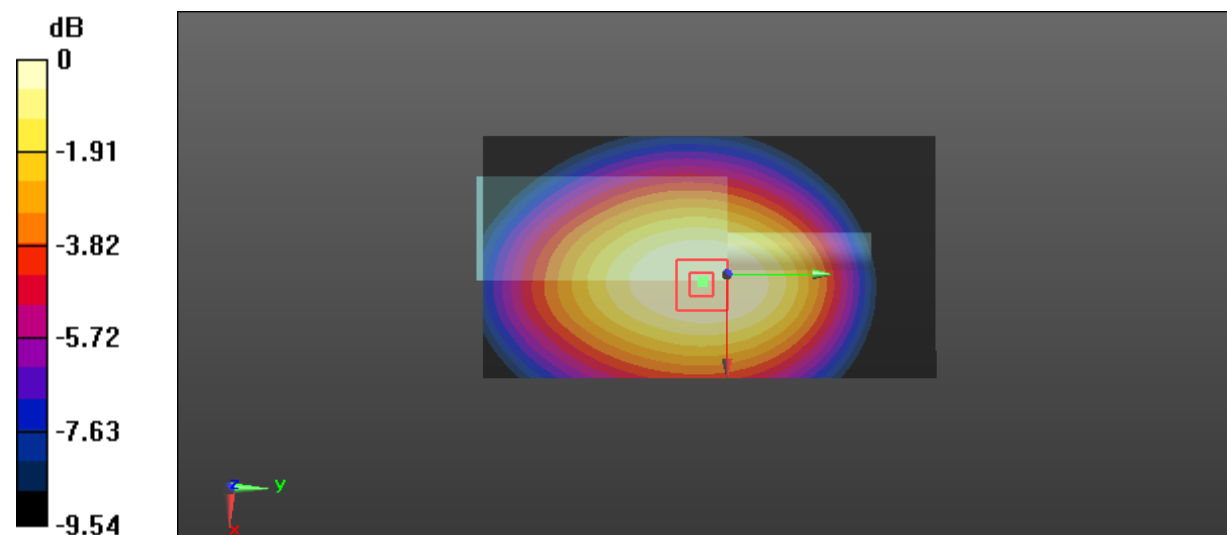
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.74 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 1.37 W/kg; SAR(10 g) = 1.01 W/kg**

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

**Test Plot 6#: FM\_12.5kHz\_459.9875MHz\_Body Back****DUT: Digital Portable Radio; Type: GD800; Serial: RSZ200428815-SA-S1**

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

Medium parameters used:  $f = 459.988$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 43.903$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 1.39 W/kg

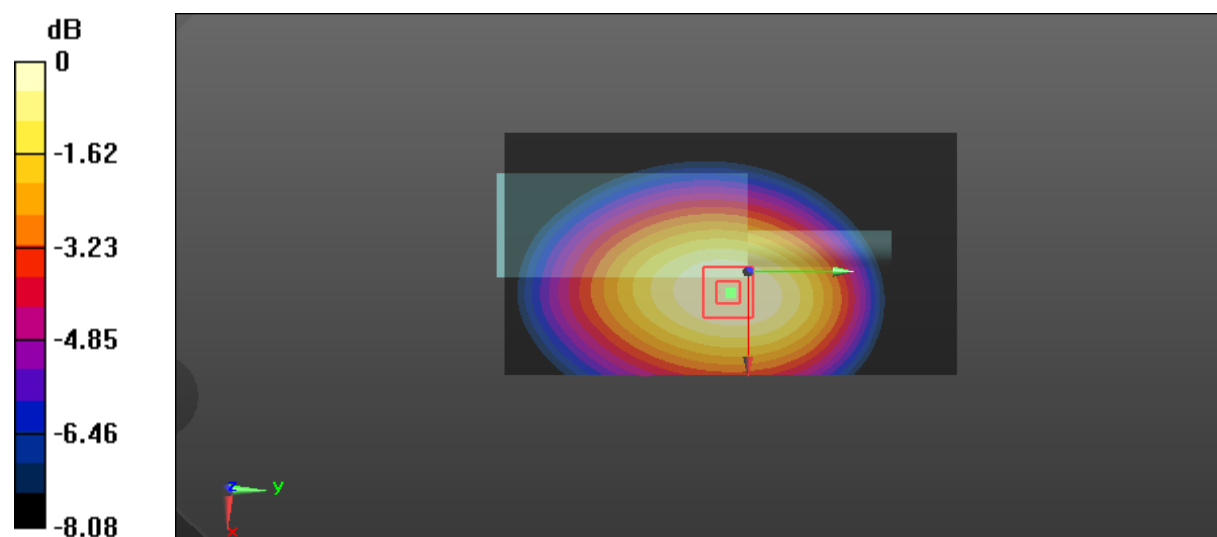
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.03 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.932 W/kg**

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

**Test Plot 7#: FM\_12.5kHz\_469.9875MHz\_Body Back****DUT: Digital Portable Radio; Type: GD800; Serial: RSZ200428815-SA-S1**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 43.761$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (61x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

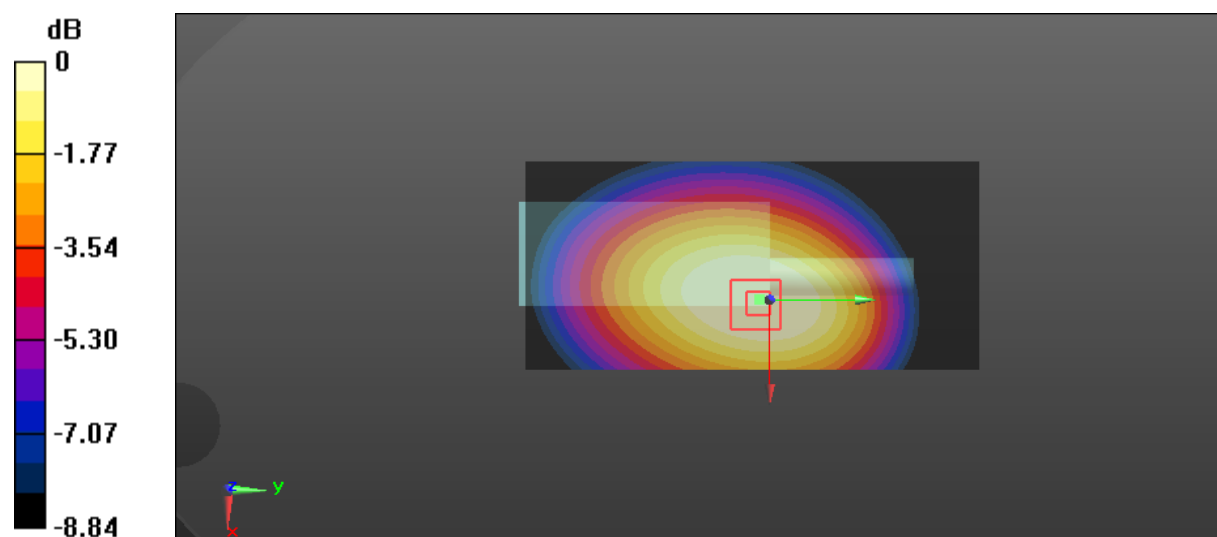
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.39 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.759 W/kg**

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



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

**Test Plot 8#: 4FSK\_430.0125MHz\_Body Back****DUT: Digital Portable Radio; Type: GD800; Serial: RSZ200428815-SA-S1**

Communication System: 4FSK; Frequency: 430.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 430.012$  MHz;  $\sigma = 0.875$  S/m;  $\epsilon_r = 44.942$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 1.26 W/kg

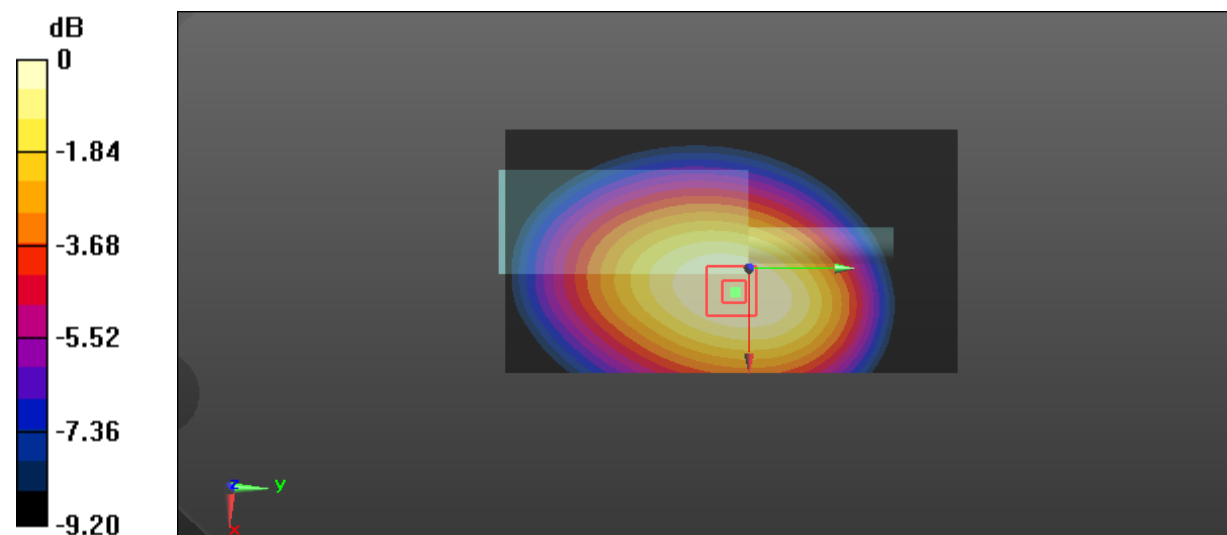
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.23 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.824 W/kg**

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



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