

**Plot 1#: FM\_12.5kHz\_452.4875MHz\_Face Up****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: FM; Frequency: 452.488 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 452.488$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 43.468$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.01 W/kg

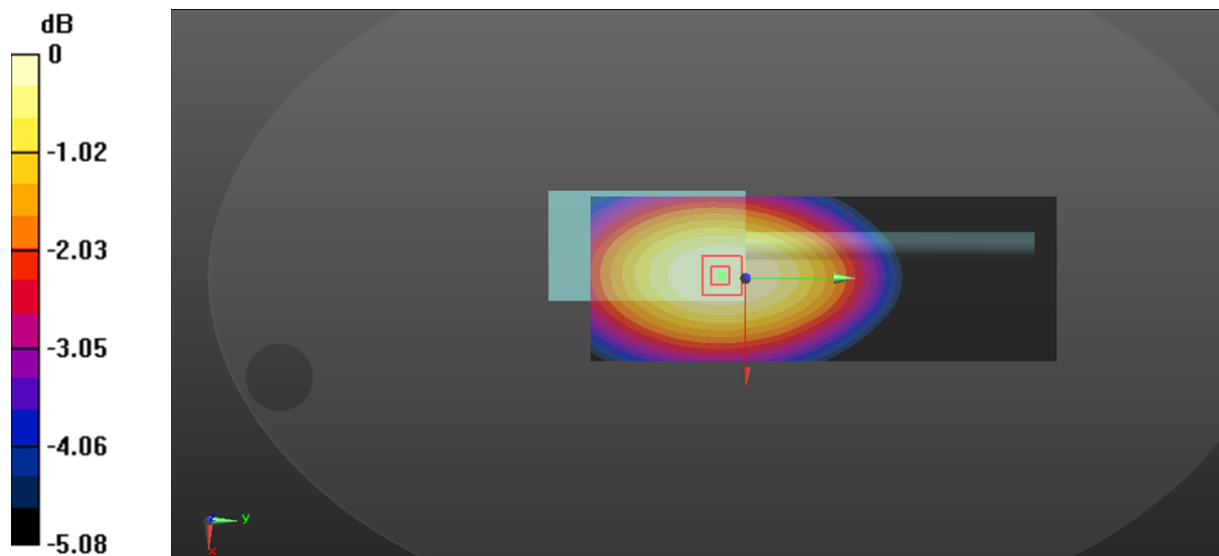
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.28 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 6.41 W/kg

**SAR(1 g) = 5.57 W/kg; SAR(10 g) = 4.51 W/kg**

Maximum value of SAR (measured) = 5.81 W/kg



0 dB = 5.81 W/kg = 7.64 dBW/kg

**Plot 2#: FM\_25kHz\_400.0125MHz\_Face Up****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: FM; Frequency: 400.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.839$  S/m;  $\epsilon_r = 44.207$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.59 W/kg

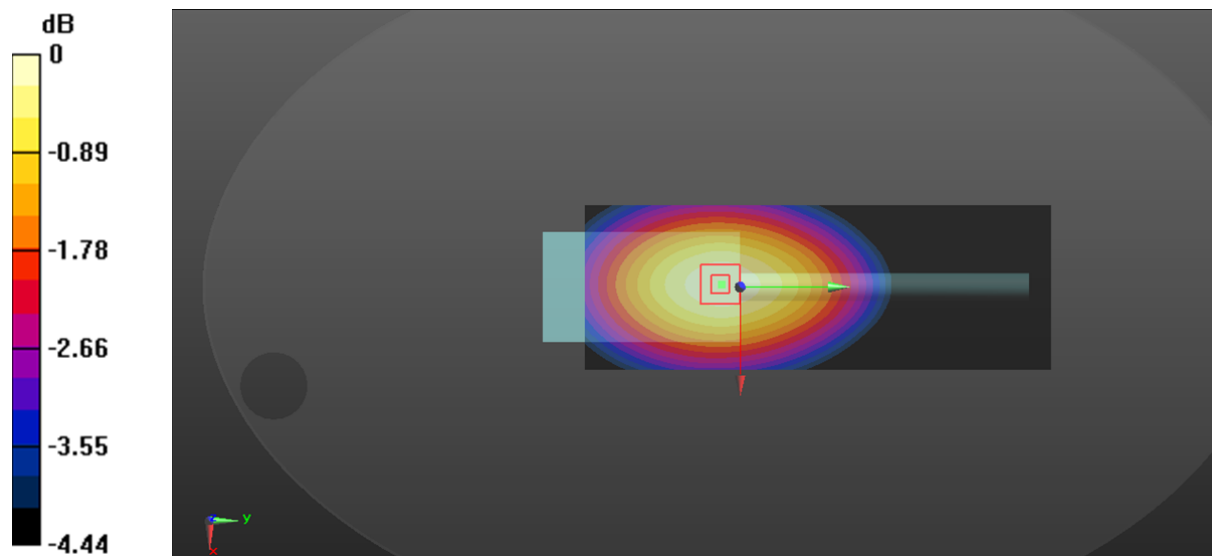
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.02 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.96 W/kg

**SAR(1 g) = 3.49 W/kg; SAR(10 g) = 2.9 W/kg**

Maximum value of SAR (measured) = 3.62 W/kg



0 dB = 3.62 W/kg = 5.59 dBW/kg

**Plot 3#: FM\_25kHz\_417.5125MHz\_Face Up****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: FM; Frequency: 417.512 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 44.011$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 417.512 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.48 W/kg

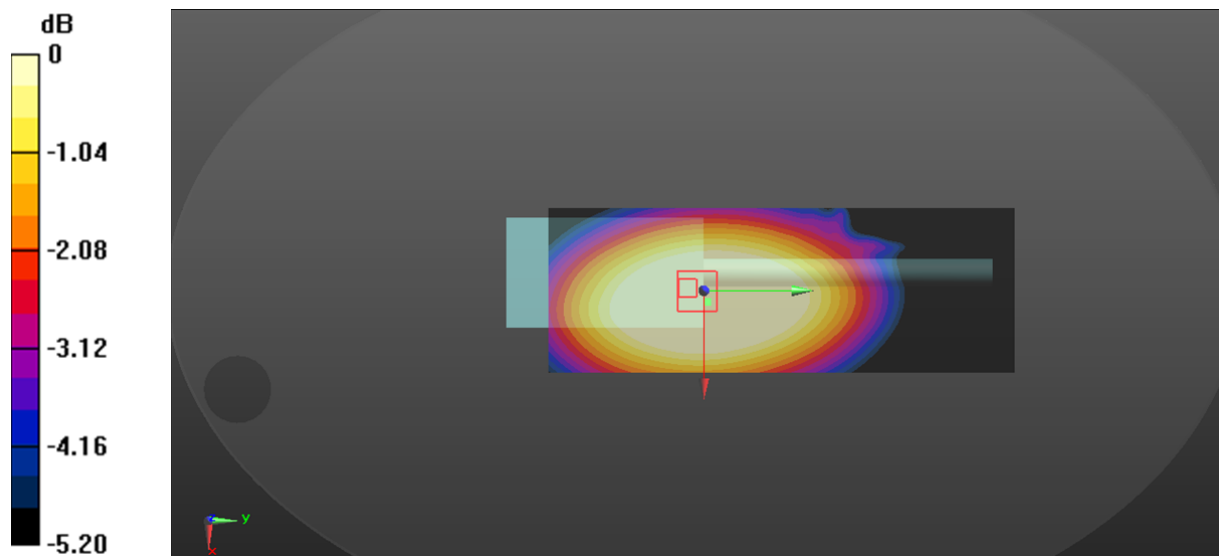
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.44 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 8.30 W/kg

**SAR(1 g) = 5.51 W/kg; SAR(10 g) = 4.53 W/kg**

Maximum value of SAR (measured) = 5.71 W/kg



0 dB = 5.71 W/kg = 7.57 dBW/kg

**Plot 4#: FM\_25kHz\_435MHz\_Face Up****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 435$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 43.767$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 435 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 6.33 W/kg

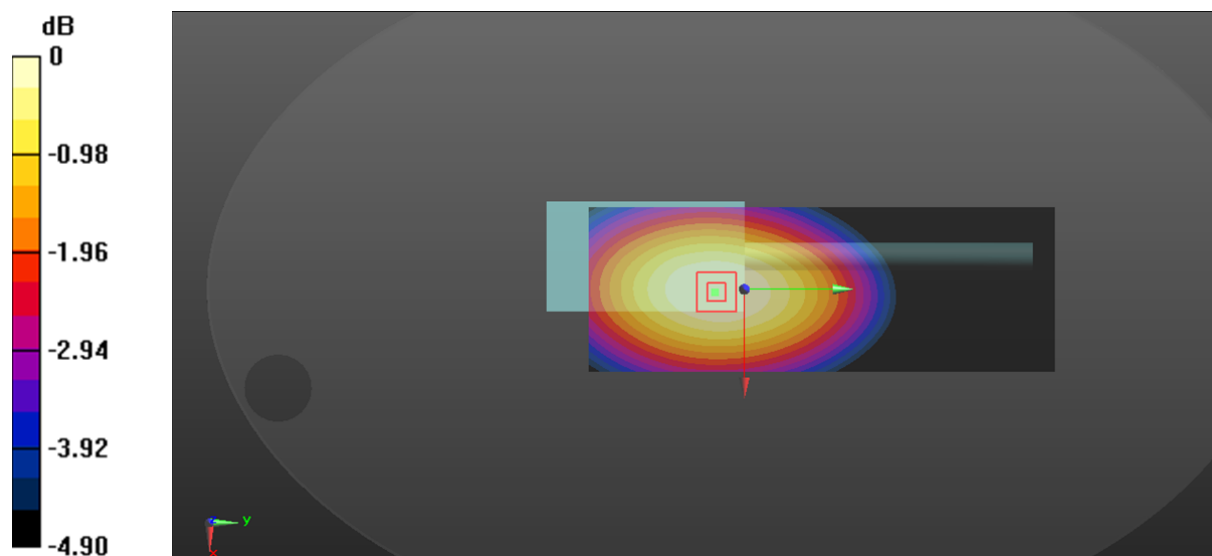
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 86.20 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 6.75 W/kg

**SAR(1 g) = 5.92 W/kg; SAR(10 g) = 4.83 W/kg**

Maximum value of SAR (measured) = 6.16 W/kg



0 dB = 6.16 W/kg = 7.90 dBW/kg

**Plot 5#: FM\_25kHz\_452.4875MHz\_Face Up****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: FM; Frequency: 452.488 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 452.488$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 43.468$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.79 W/kg

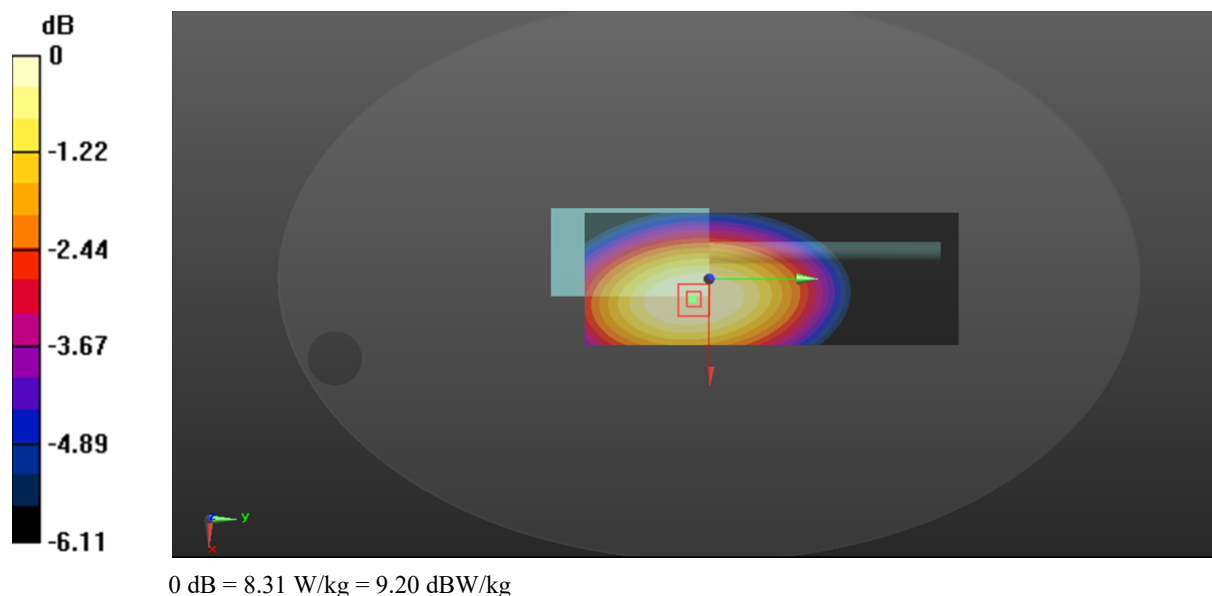
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.30 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 9.53 W/kg

**SAR(1 g) = 7.96 W/kg; SAR(10 g) = 6.28 W/kg**

Maximum value of SAR (measured) = 8.31 W/kg



**Plot 6#: FM\_25kHz\_469.9875MHz\_Face Up****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 43.325$ ;  $\rho = 1000$  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: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.12 W/kg

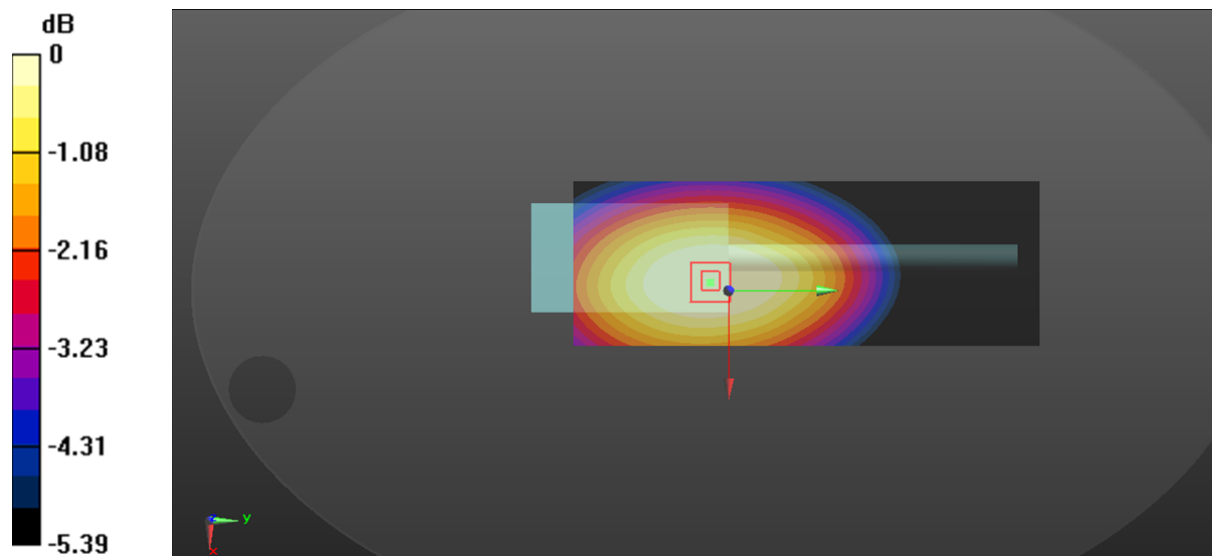
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.04 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.33 W/kg

**SAR(1 g) = 5.5 W/kg; SAR(10 g) = 4.42 W/kg**

Maximum value of SAR (measured) = 5.74 W/kg



0 dB = 5.74 W/kg = 7.59 dBW/kg

**Plot 7#: 4FSK\_452.4875MHz\_Face Up****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: 4FSK; Frequency: 452.488 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 452.488$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 43.468$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.26 W/kg

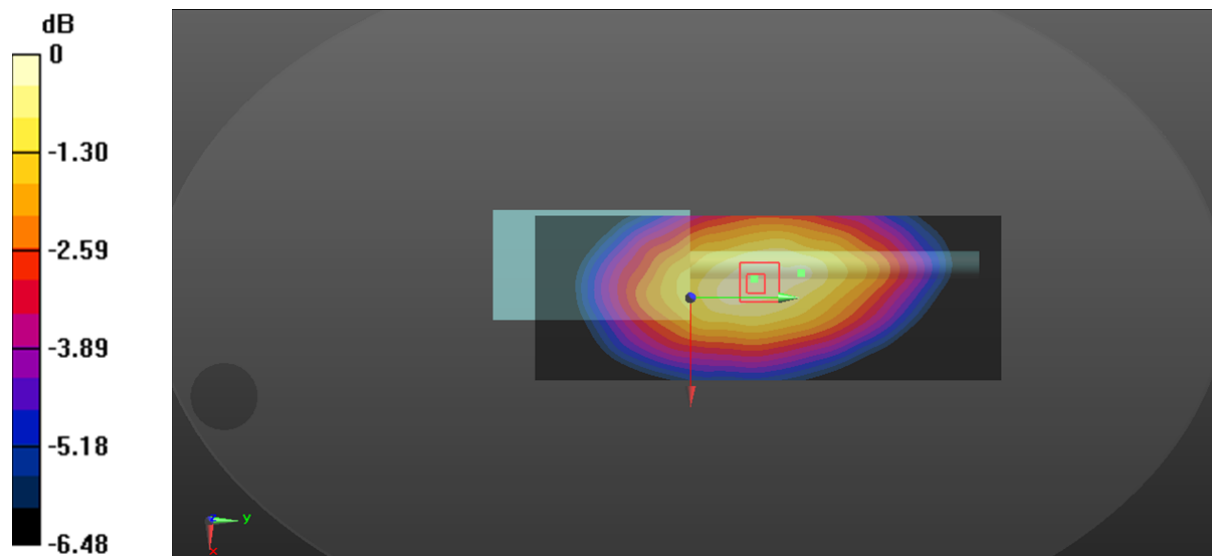
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 71.54 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 6.39 W/kg

**SAR(1 g) = 5.02 W/kg; SAR(10 g) = 3.87 W/kg**

Maximum value of SAR (measured) = 5.38 W/kg



0 dB = 5.38 W/kg = 7.31 dBW/kg

**Plot 8#: FM\_12.5kHz\_400.0125MHz \_ Body Back****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: FM; Frequency: 400.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.839$  S/m;  $\epsilon_r = 44.207$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.5 W/kg

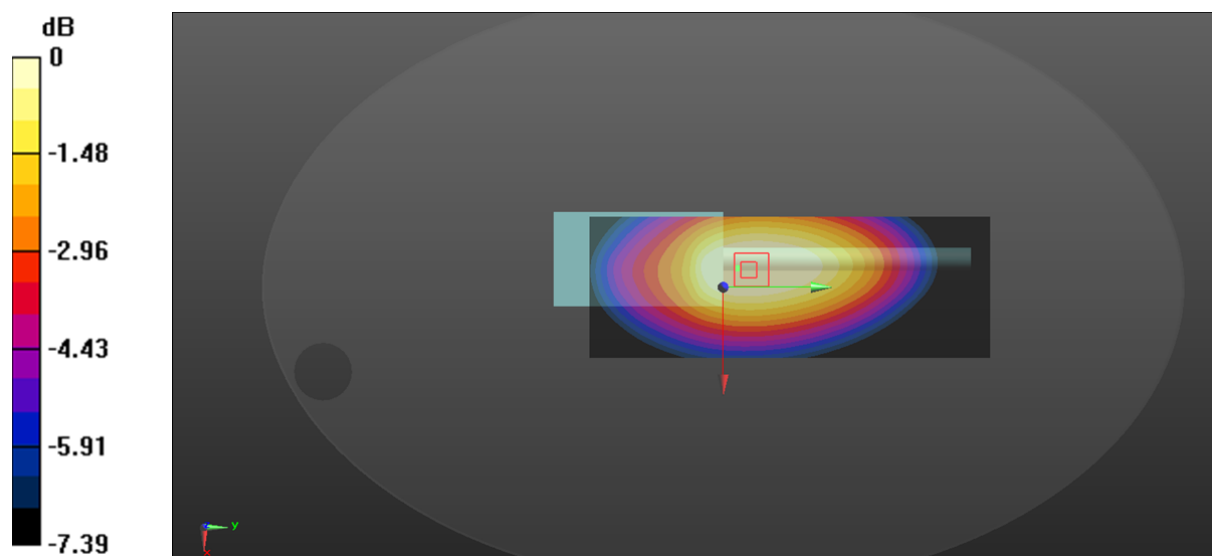
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.0 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 14.3 W/kg

**SAR(1 g) = 10.7 W/kg; SAR(10 g) = 7.98 W/kg**

Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 11.2 W/kg = 10.49 dBW/kg

**Plot 9#: FM\_12.5kHz\_417.5125MHz\_ Body Back****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: FM; Frequency: 417.512 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 44.011$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 417.512 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.5 W/kg

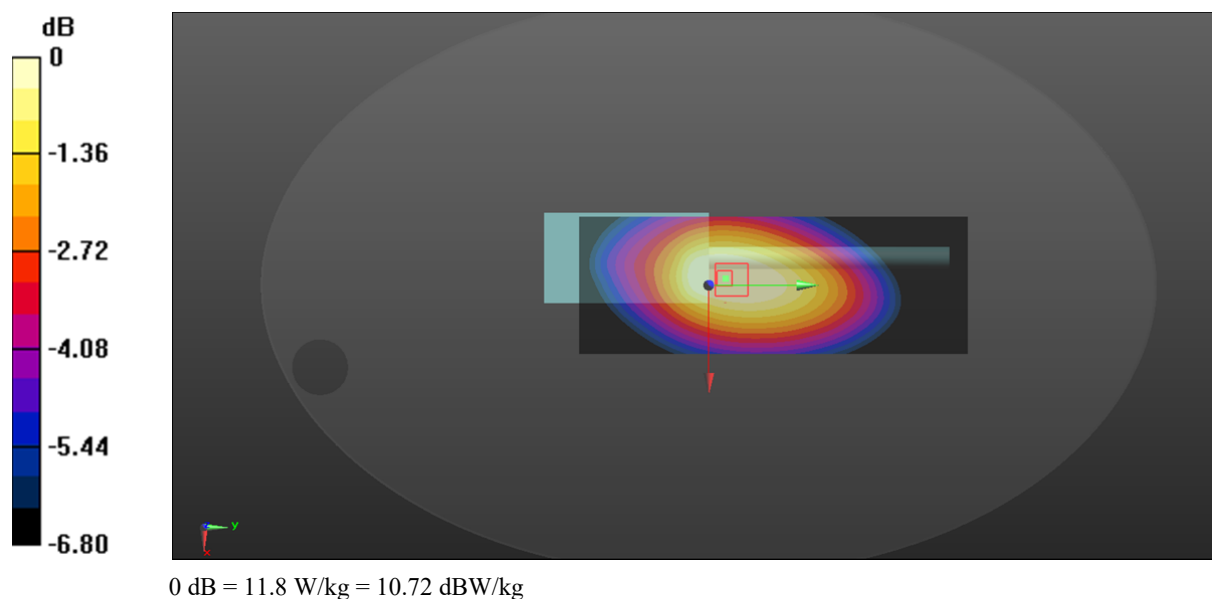
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 114.5 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 15.0 W/kg

**SAR(1 g) = 11.2 W/kg; SAR(10 g) = 8.39 W/kg**

Maximum value of SAR (measured) = 11.8 W/kg



**Plot 10#: FM\_12.5kHz\_435MHz\_ Body Back****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 435$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 43.767$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 435 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.1 W/kg

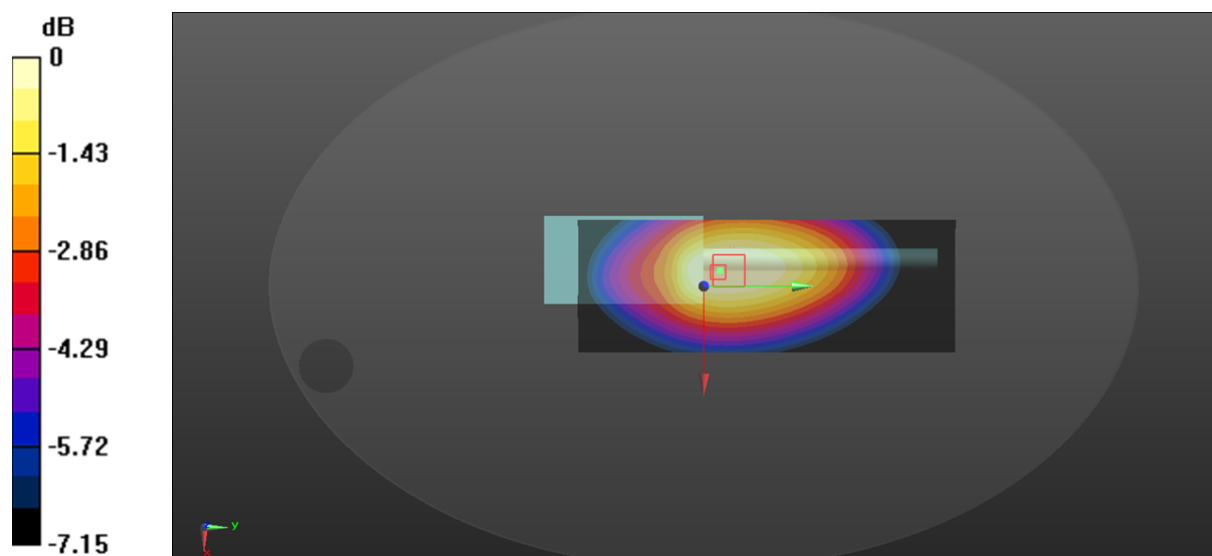
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 109.8 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 14.5 W/kg

**SAR(1 g) = 10.7 W/kg; SAR(10 g) = 8.02 W/kg**

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



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

**Plot 11#: FM\_12.5kHz\_452.4875MHz\_ Body Back****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1-S1**

Communication System: FM; Frequency: 452.488 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 452.488$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 43.468$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.8 W/kg

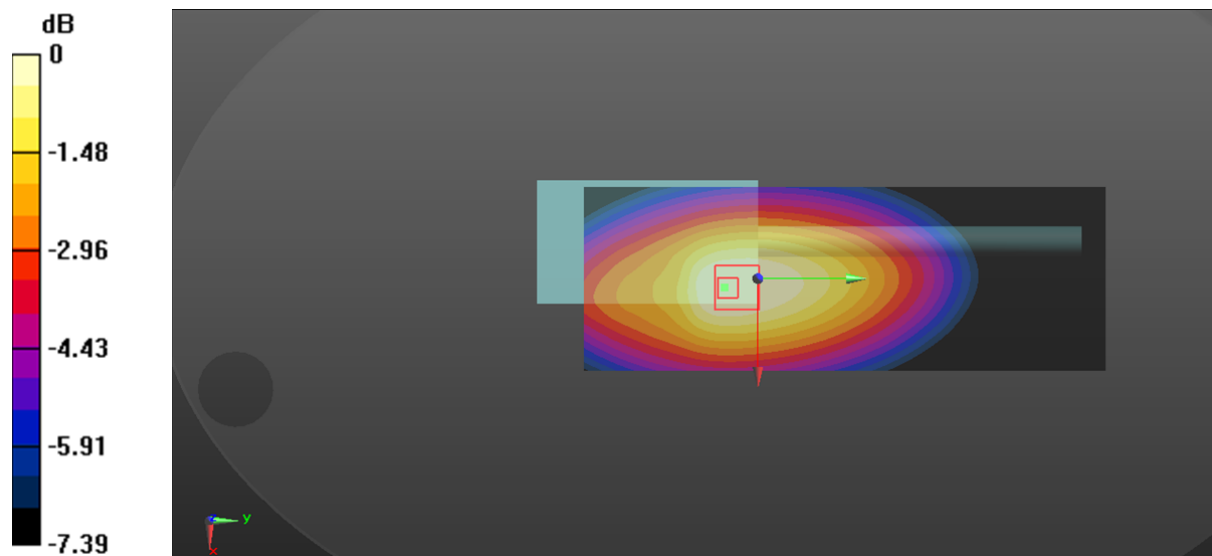
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 116.7 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 13.7 W/kg

**SAR(1 g) = 10.7 W/kg; SAR(10 g) = 8 W/kg**

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



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

**Plot 12#: FM\_12.5kHz\_469.9875MHz \_ Body Back****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 43.325$ ;  $\rho = 1000$  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: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.6 W/kg

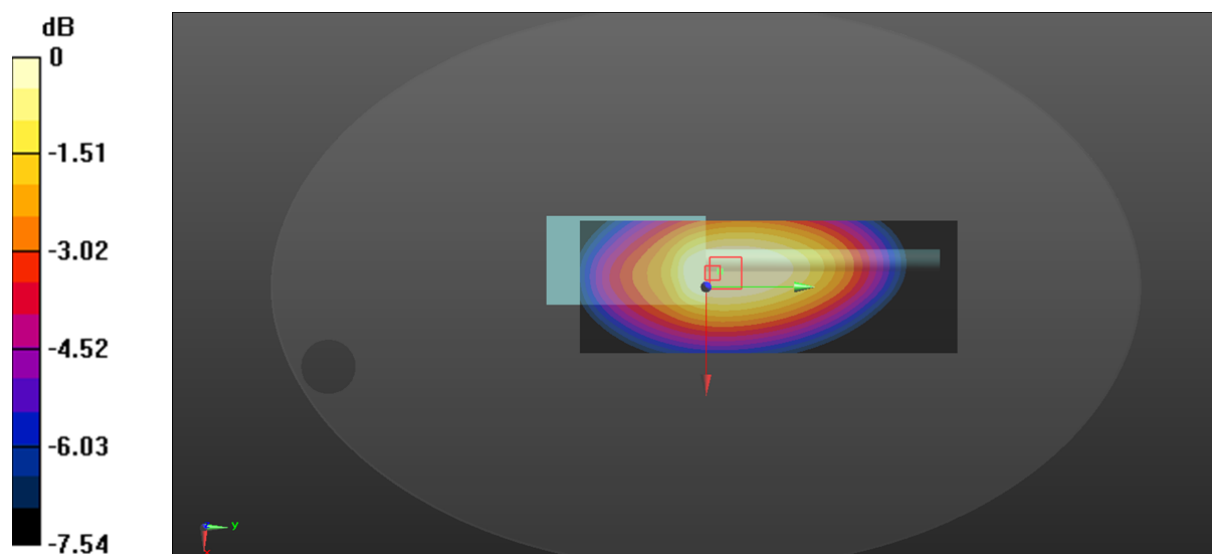
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 111.5 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 13.2 W/kg

**SAR(1 g) = 9.84 W/kg; SAR(10 g) = 7.29 W/kg**

Maximum value of SAR (measured) = 10.4 W/kg



0 dB = 10.4 W/kg = 10.17 dBW/kg

**Plot 13#: FM\_25kHz\_400.0125MHz\_ Body Back****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: FM; Frequency: 400.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.839$  S/m;  $\epsilon_r = 44.207$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.94 W/kg

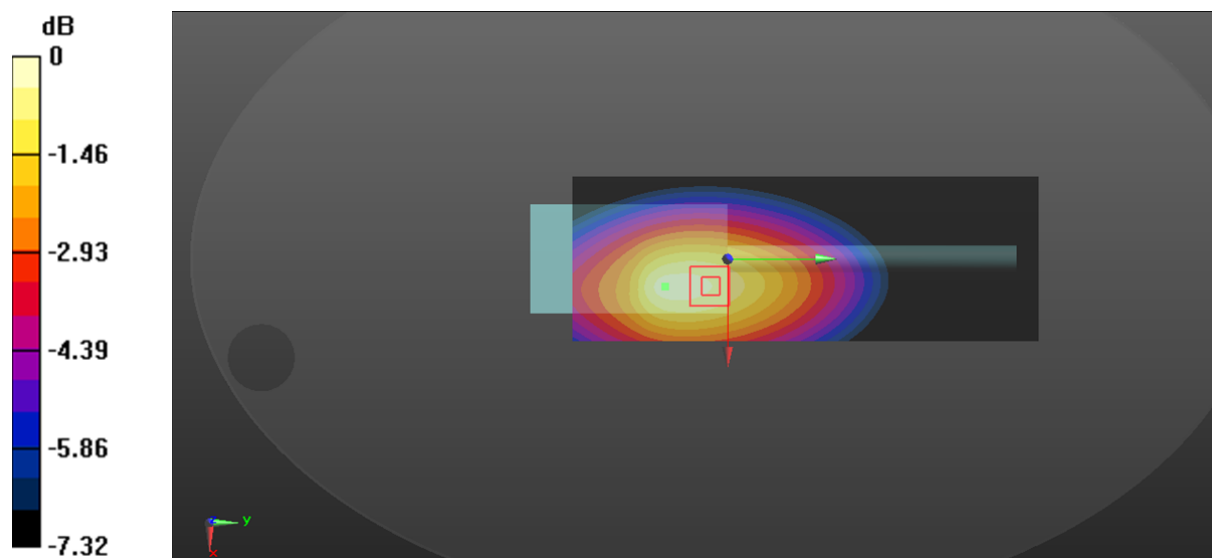
**Zoom Scan (5x8x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.03 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 12.4 W/kg

**SAR(1 g) = 9.85 W/kg; SAR(10 g) = 7.39 W/kg**

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

**Plot 14#: FM\_25kHz\_417.5125MHz\_ Body Back****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: FM; Frequency: 417.512 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 44.011$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 417.512 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); 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) = 11.2 W/kg

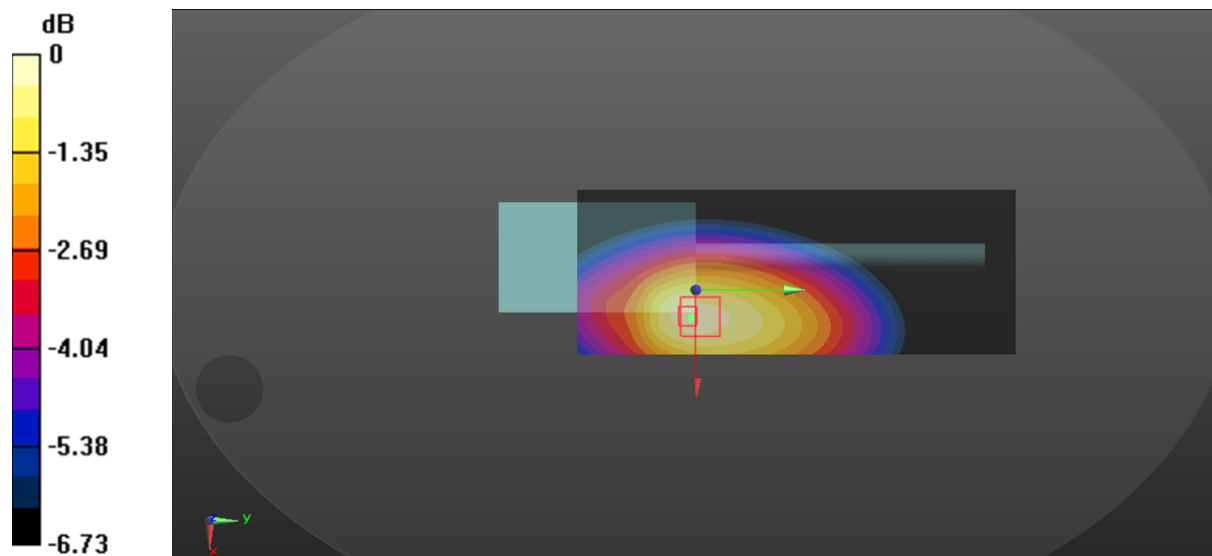
**Zoom Scan (6x8x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 106.5 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 14.2 W/kg

**SAR(1 g) = 11.2 W/kg; SAR(10 g) = 8.55 W/kg**

Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 11.7 W/kg = 10.68 dBW/kg

**Plot 15#: FM\_25kHz\_435MHz\_ Body Back****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 435$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 43.767$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 435 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

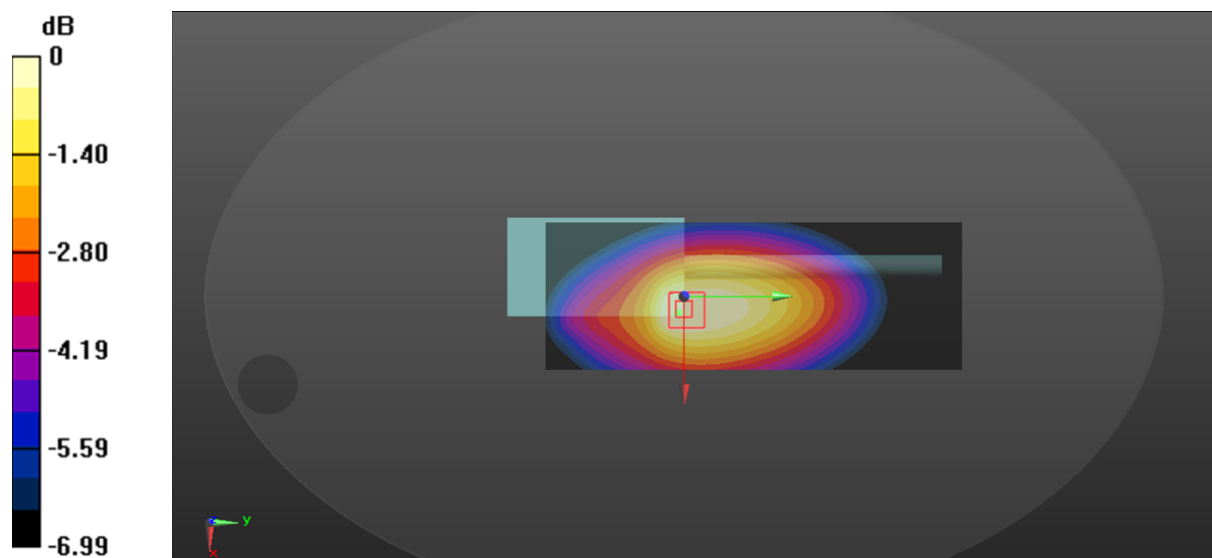
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 112.8 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 12.9 W/kg

**SAR(1 g) = 9.94 W/kg; SAR(10 g) = 7.59 W/kg**

Maximum value of SAR (measured) = 10.4 W/kg



0 dB = 10.4 W/kg = 10.17 dBW/kg

**Plot 16#: FM\_25kHz\_452.4875MHz\_ Body Back****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: FM; Frequency: 452.488 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 452.488$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 43.468$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.1 W/kg

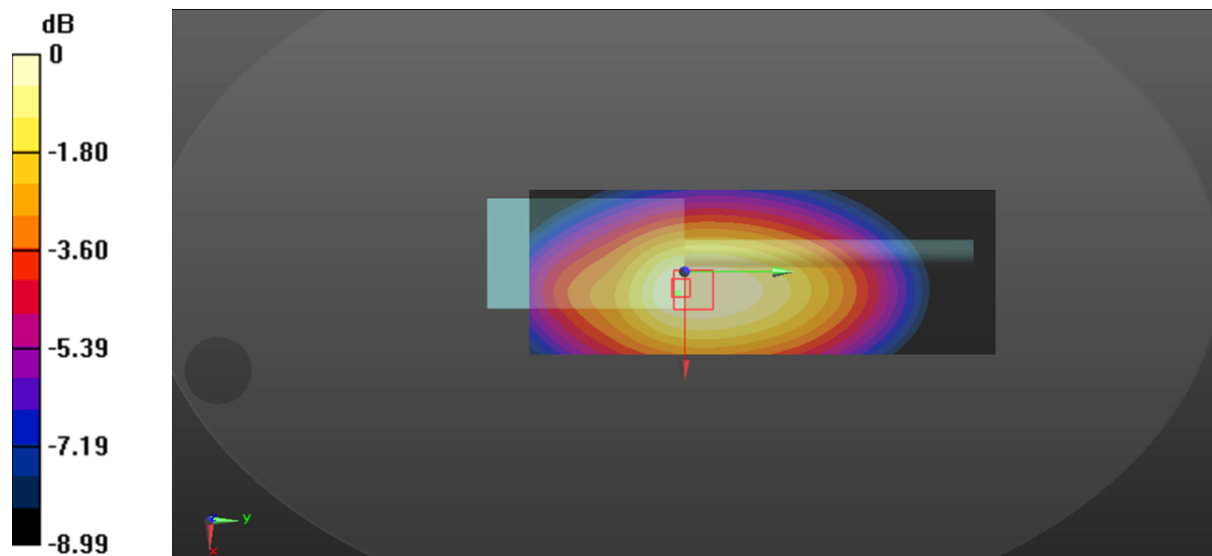
**Zoom Scan (6x11x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 115.6 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 15.1 W/kg

**SAR(1 g) = 11.3 W/kg; SAR(10 g) = 8.69 W/kg**

Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 10.72 dBW/kg

**Plot 17#: FM\_25kHz\_469.9875MHz\_ Body Back****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 43.325$ ;  $\rho = 1000$  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: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

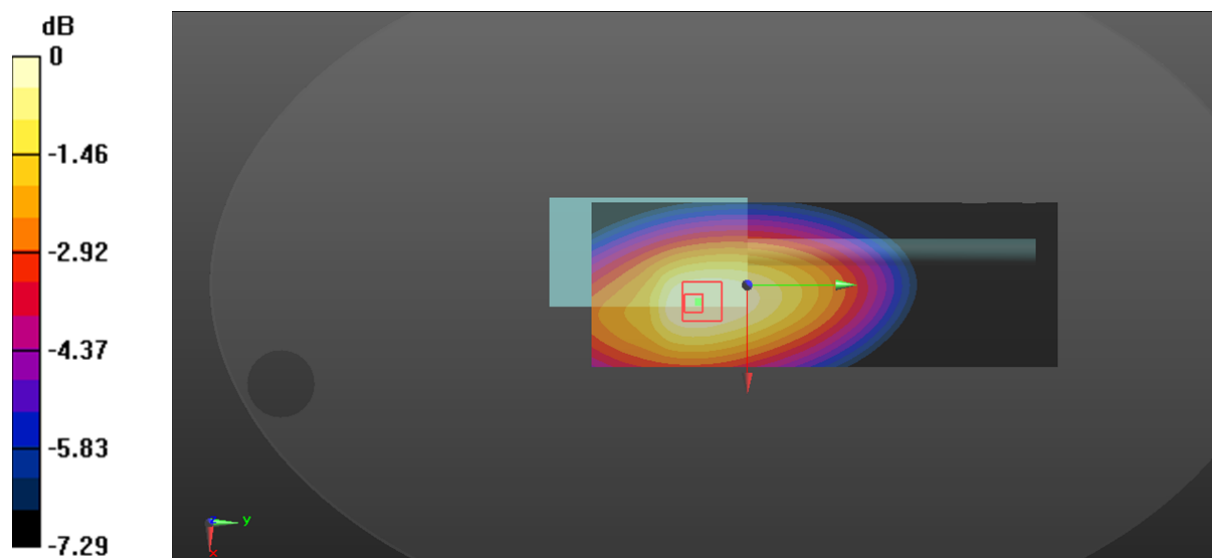
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 109.7 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 12.0 W/kg

**SAR(1 g) = 9.56 W/kg; SAR(10 g) = 7.19 W/kg**

Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 10.1 W/kg = 10.04 dBW/kg

**Plot 18#: 4FSK\_452.4875MHz\_ Body Back****DUT: DIGITAL PORTABLE RADIO; Type: BD615 U(1); Serial: RDG210330015-SA-S1**

Communication System: 4FSK; Frequency: 452.488 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 452.488$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 43.468$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.79 W/kg

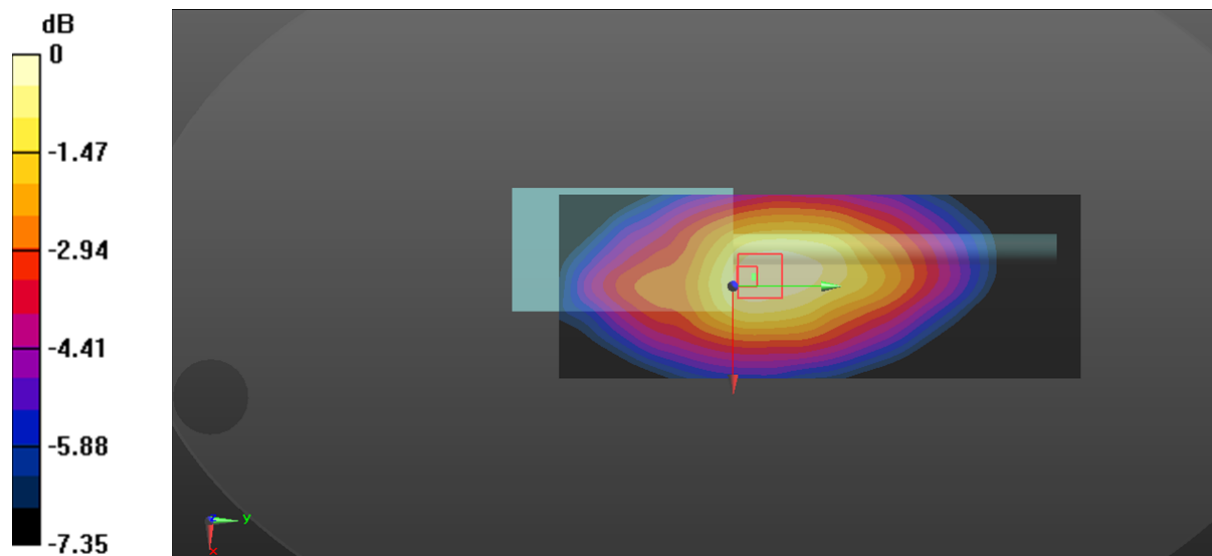
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.23 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 8.20 W/kg

**SAR(1 g) = 6.4 W/kg; SAR(10 g) = 4.83 W/kg**

Maximum value of SAR (measured) = 6.89 W/kg



0 dB = 6.89 W/kg = 8.38 dBW/kg