

**Plot 1#: FM 12.5kHz\_417.5125MHz\_Face Up\_Battery 1****DUT: Digital Portable Radio; Type: PH690 UHF; Serial: CR22050033-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;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.50 W/kg

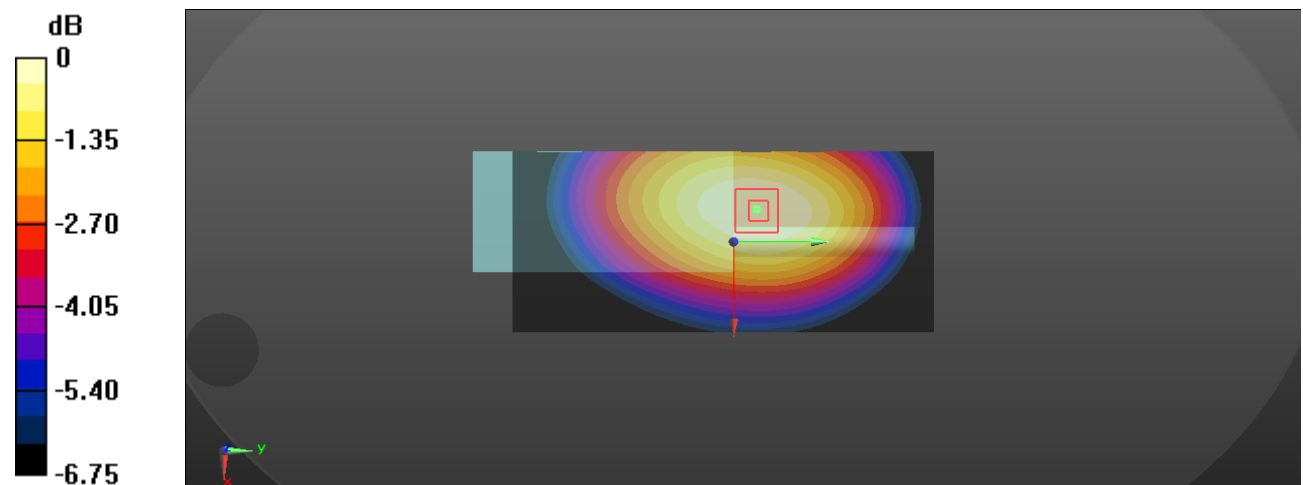
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 74.98 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 6.77 W/kg

**SAR(1 g) = 5.2 W/kg; SAR(10 g) = 3.98 W/kg**

Maximum value of SAR (measured) = 5.44 W/kg



0 dB = 5.44 W/kg = 7.36 dBW/kg

**Plot 2#: 4FSK 12.5kHz\_417.5125MHz\_Face Up\_Battery 1****DUT: Digital Portable Radio; Type: PH690 UHF; Serial: CR22050033-SA-S1**

Communication System: 4FSK; Frequency: 417.512 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.40 W/kg

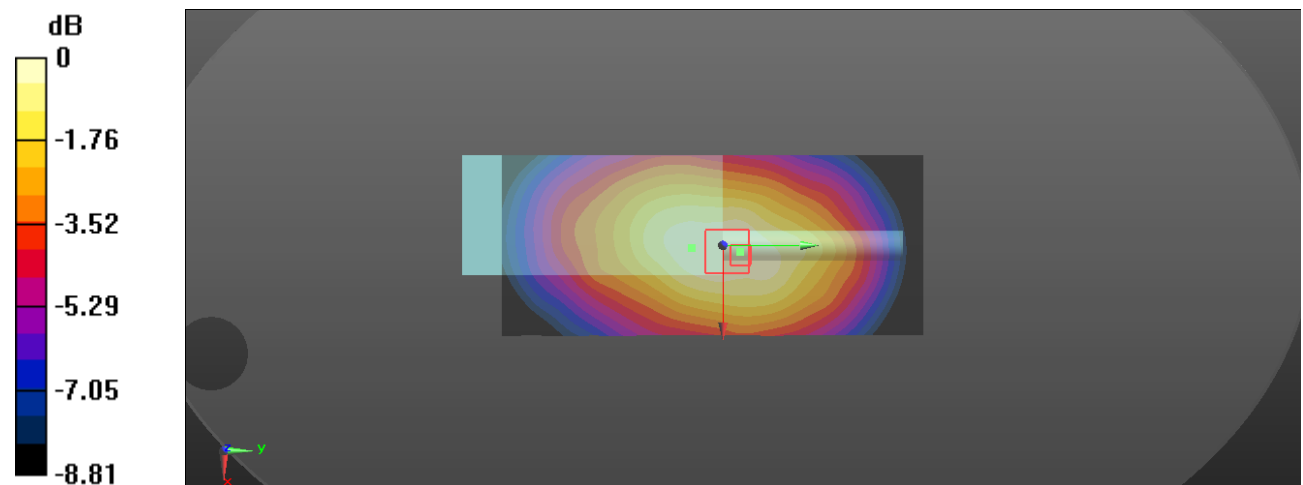
**Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.92 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 4.48 W/kg

**SAR(1 g) = 3.3 W/kg; SAR(10 g) = 2.45 W/kg**

Maximum value of SAR (measured) = 3.55 W/kg



0 dB = 3.55 W/kg = 5.50 dBW/kg

**Plot 3#: FM 12.5kHz\_400.0125MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH690 UHF; Serial: CR22050033-SA-S1**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.838$  S/m;  $\epsilon_r = 44.104$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.80 W/kg

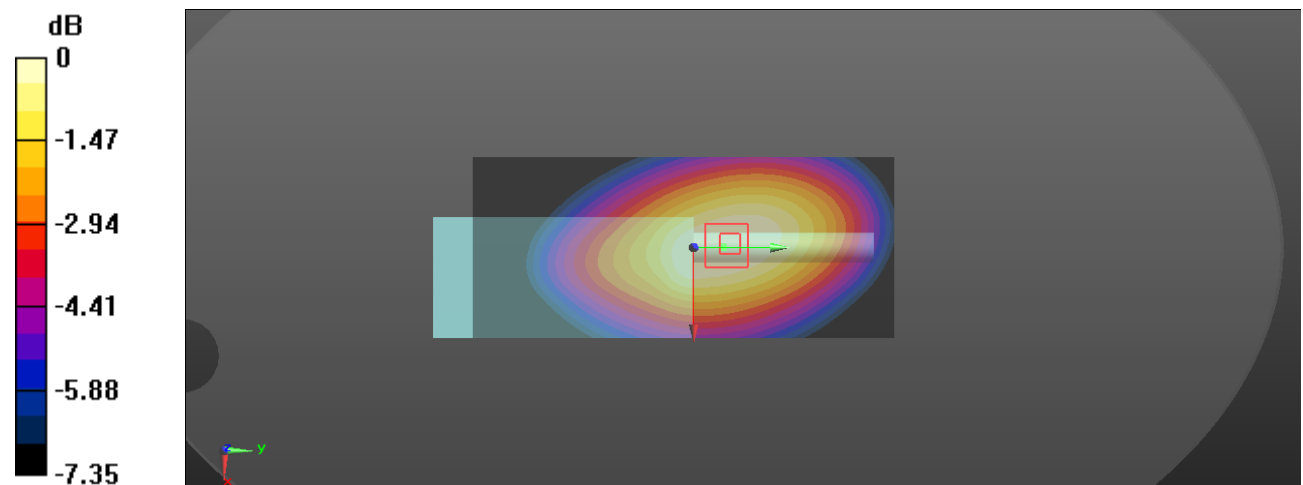
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.31 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 9.73 W/kg

**SAR(1 g) = 7.31 W/kg; SAR(10 g) = 5.47 W/kg**

Maximum value of SAR (measured) = 7.65 W/kg



0 dB = 7.65 W/kg = 8.84 dBW/kg

**Plot 4#: FM 12.5kHz\_417.5125MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH690 UHF; Serial: CR22050033-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;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.88 W/kg

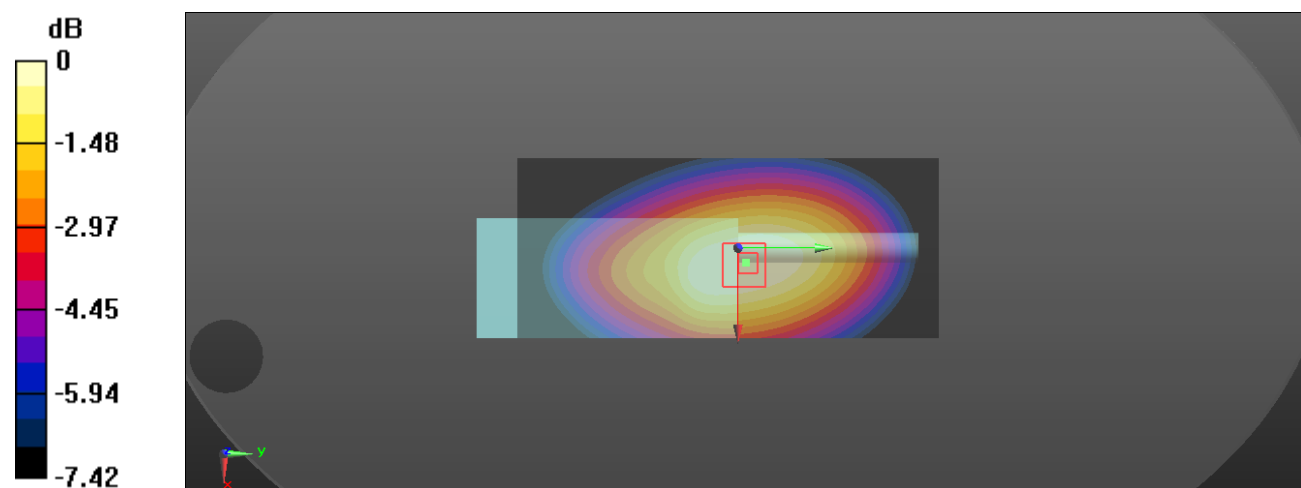
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.5 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 11.9 W/kg

**SAR(1 g) = 9.22 W/kg; SAR(10 g) = 6.76 W/kg**

Maximum value of SAR (measured) = 9.65 W/kg



0 dB = 9.65 W/kg = 9.85 dBW/kg

**Plot 5#: FM 12.5kHz\_435MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH690 UHF; Serial: CR22050033-SA-S1**

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

Medium parameters used:  $f = 435$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 43.725$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 435 MHz; Calibrated: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.59 W/kg

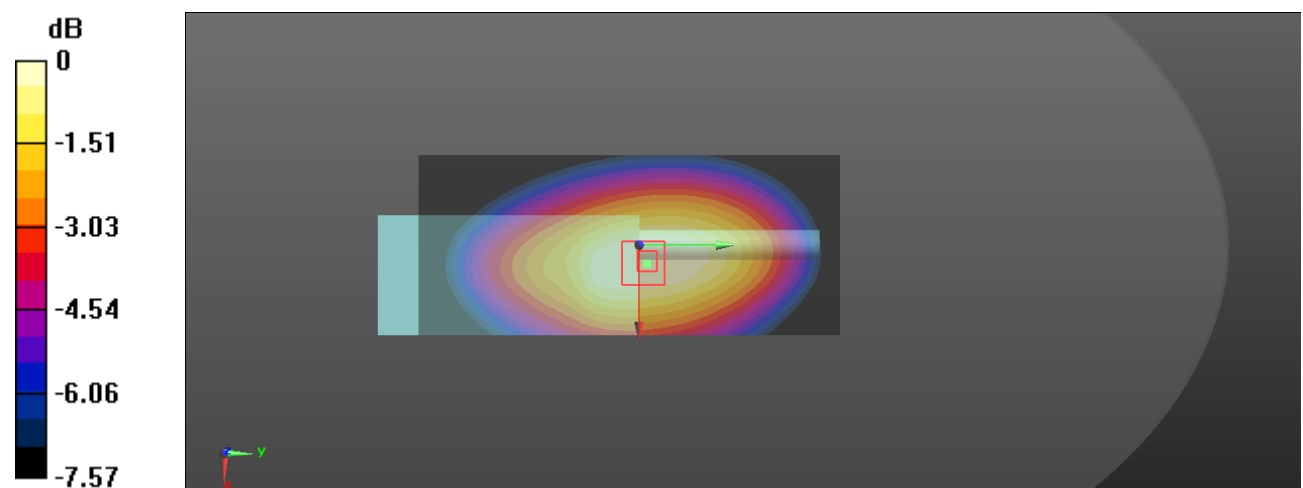
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 78.14 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 6.96 W/kg

**SAR(1 g) = 5.19 W/kg; SAR(10 g) = 3.85 W/kg**

Maximum value of SAR (measured) = 5.46 W/kg



0 dB = 5.46 W/kg = 7.37 dBW/kg

**Plot 6#: FM 12.5kHz\_452.5125MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH690 UHF; Serial: CR22050033-SA-S1**

Communication System: FM; Frequency: 452.512 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 452.512$  MHz;  $\sigma = 0.885$  S/m;  $\epsilon_r = 43.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.512 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.52 W/kg

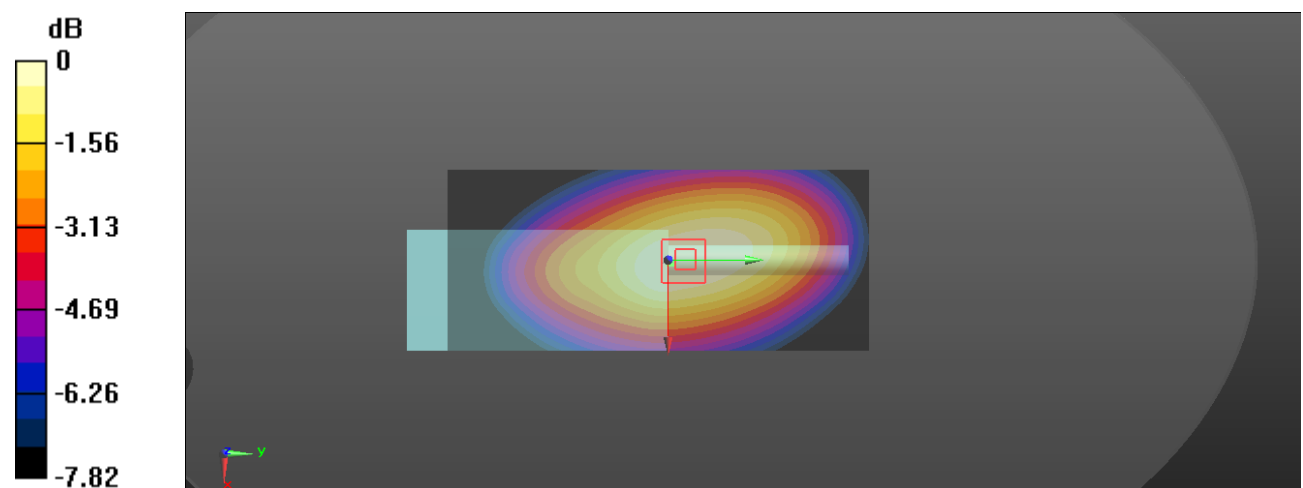
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.68 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.37 W/kg

**SAR(1 g) = 3.25 W/kg; SAR(10 g) = 2.41 W/kg**

Maximum value of SAR (measured) = 3.42 W/kg



0 dB = 3.42 W/kg = 5.34 dBW/kg

**Plot 7#: FM 12.5kHz\_469.9875MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH690 UHF; Serial: CR22050033-SA-S1**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 43.211$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

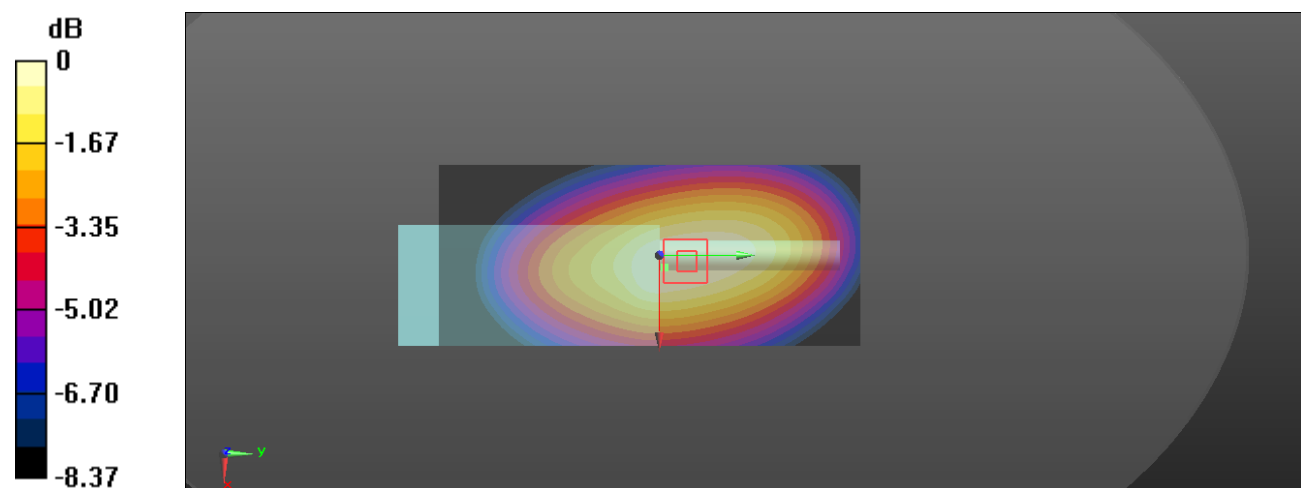
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.31 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.73 W/kg

**SAR(1 g) = 2.75 W/kg; SAR(10 g) = 2.03 W/kg**

Maximum value of SAR (measured) = 2.88 W/kg



0 dB = 2.88 W/kg = 4.59 dBW/kg

**Plot 8#: 4FSK 12.5kHz\_417.5125MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH690 UHF; Serial: CR22050033-SA-S1**

Communication System: 4FSK; Frequency: 417.512 MHz; Duty Cycle: 1:2.

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.75 W/kg

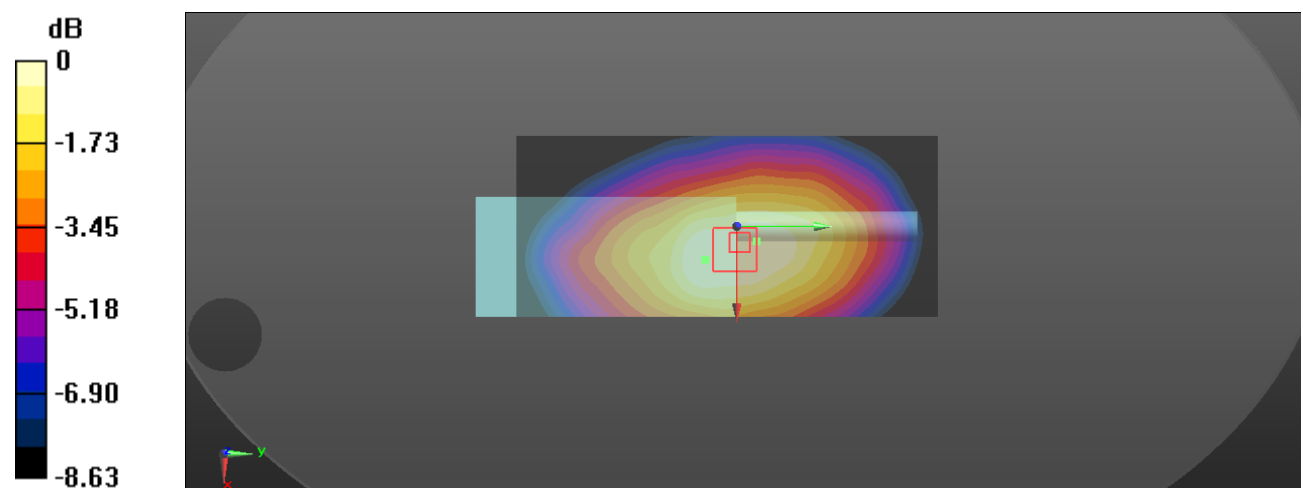
**Zoom Scan (6x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.60 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 6.70 W/kg

**SAR(1 g) = 4.37 W/kg; SAR(10 g) = 3.19 W/kg**

Maximum value of SAR (measured) = 4.64 W/kg



0 dB = 4.64 W/kg = 6.67 dBW/kg



**Plot 9#: FM 12.5 kHz\_417.5125MHz\_Face Up\_Battery 2****DUT: Digital Portable Radio; Type: PH690 UHF; Serial: CR22050033-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;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.47 W/kg

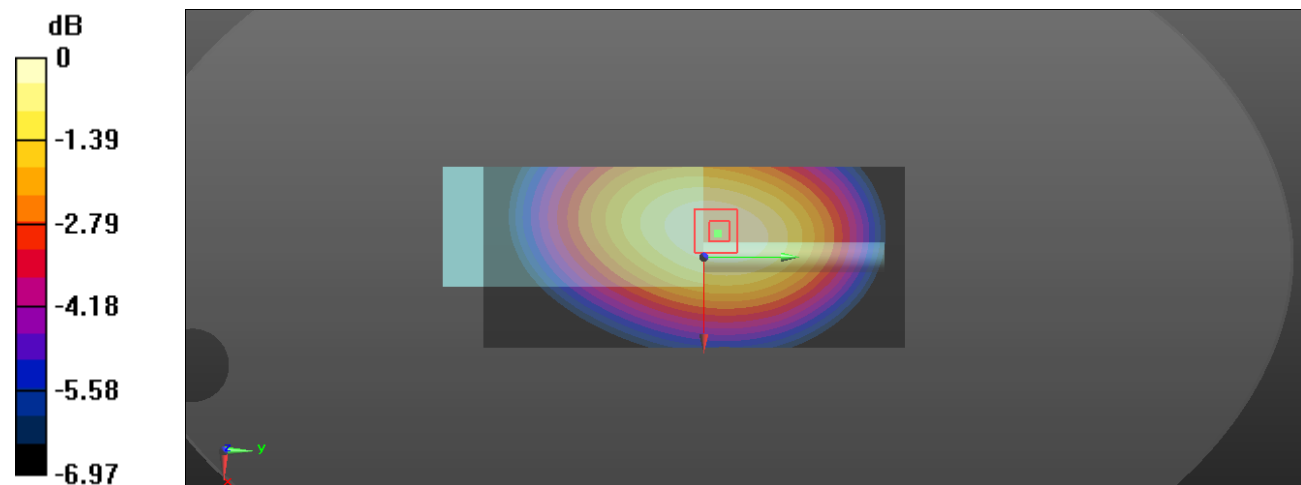
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 69.61 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 5.54 W/kg

**SAR(1 g) = 4.45 W/kg; SAR(10 g) = 3.34 W/kg**

Maximum value of SAR (measured) = 4.46 W/kg



0 dB = 4.46 W/kg = 6.49 dBW/kg

**Plot 10#: FM 12.5 kHz\_417.5125MHz\_Body Back\_Battery 2****DUT: Digital Portable Radio; Type: PH690 UHF; Serial: CR22050033-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;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.16 W/kg

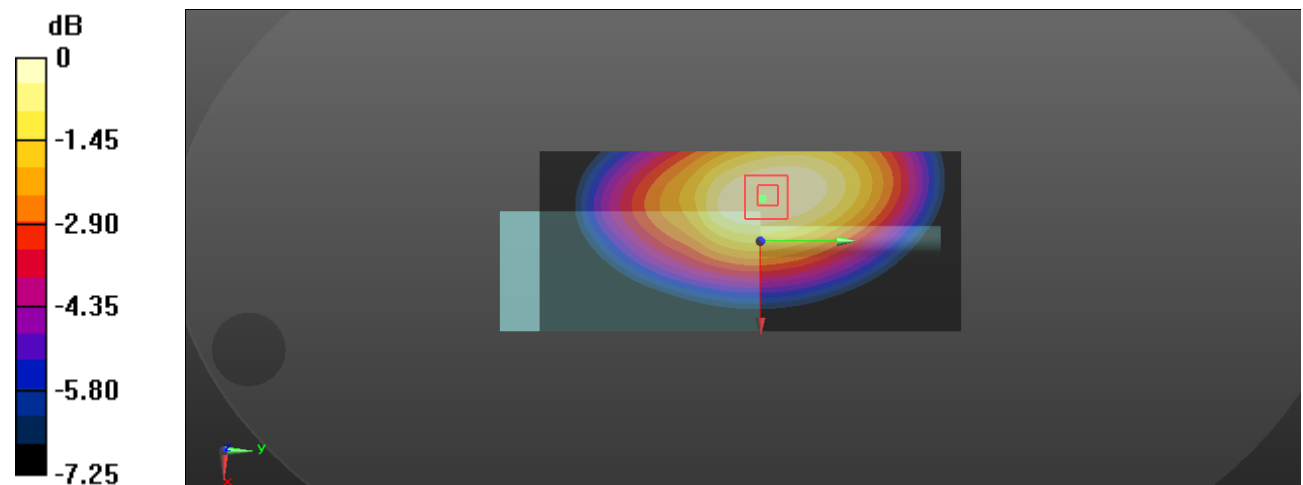
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.66 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 10.0 W/kg

**SAR(1 g) = 7.61 W/kg; SAR(10 g) = 5.74 W/kg**

Maximum value of SAR (measured) = 7.99 W/kg



0 dB = 7.99 W/kg = 9.03 dBW/kg

**Plot 11#: FM 12.5kHz\_417.5125MHz\_Face Up\_Battery 1****DUT: Digital Portable Radio; Type: PH660 UHF; Serial: CR22050033-SA-S2**

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

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.43 W/kg

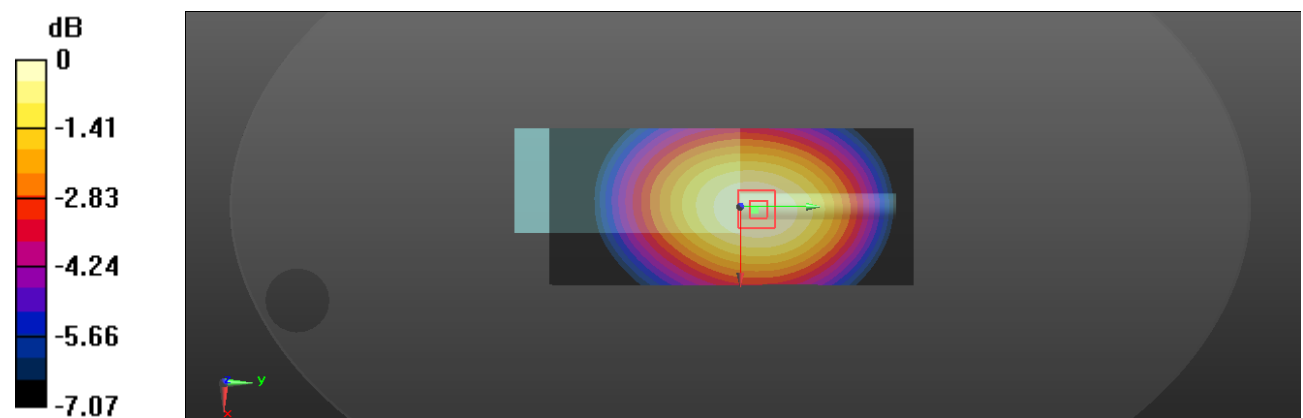
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.60 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.67 W/kg

**SAR(1 g) = 5.13 W/kg; SAR(10 g) = 3.9 W/kg**

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



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

**Plot 12#: 4FSK 12.5kHz\_417.5125MHz\_Face Up\_Battery 1****DUT: Digital Portable Radio; Type: PH660 UHF; Serial: CR22050033-SA-S2**

Communication System: 4FSK; Frequency: 417.512 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.53 W/kg

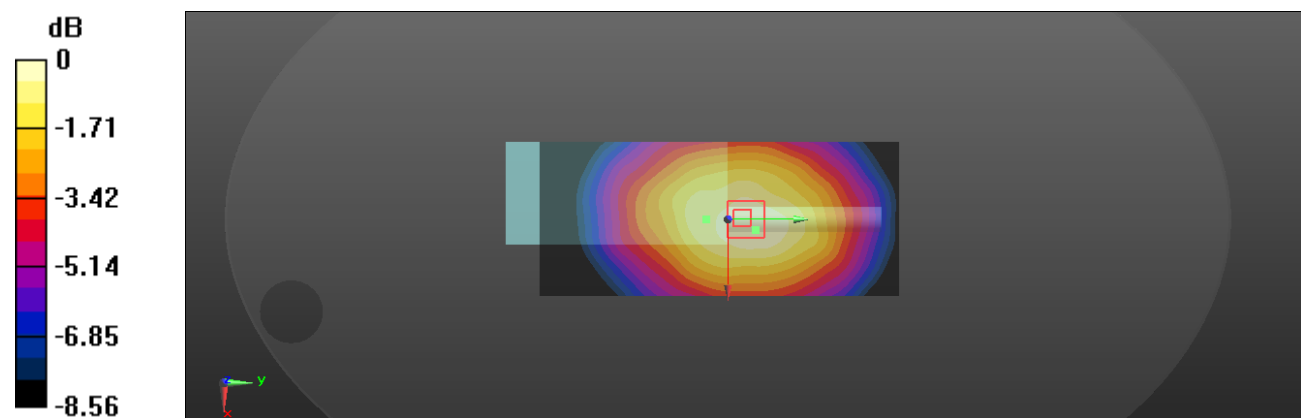
**Zoom Scan (6x8x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.26 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.25 W/kg

**SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.81 W/kg**

Maximum value of SAR (measured) = 2.59 W/kg



0 dB = 2.59 W/kg = 4.13 dBW/kg

**Plot 13#: FM 12.5kHz\_400.0125MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH660 UHF; Serial: CR22050033-SA-S2**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.838$  S/m;  $\epsilon_r = 44.104$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.91 W/kg

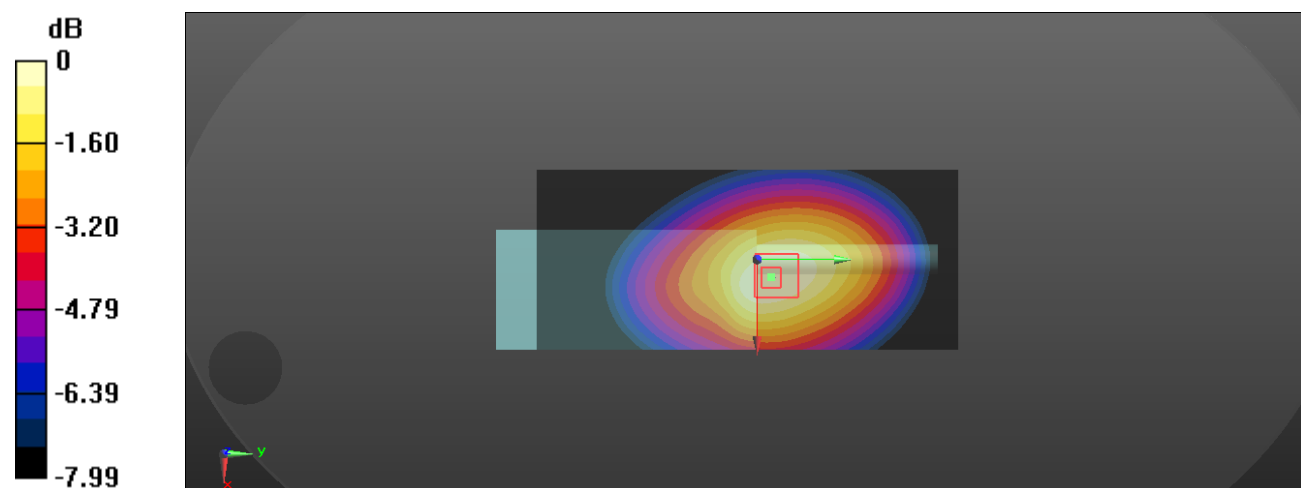
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.04 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 10.1 W/kg

**SAR(1 g) = 7.48 W/kg; SAR(10 g) = 5.47 W/kg**

Maximum value of SAR (measured) = 7.88 W/kg



0 dB = 7.88 W/kg = 8.97 dBW/kg

**Plot 14#: FM 12.5kHz\_417.5125MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH660 UHF; Serial: CR22050033-SA-S2**

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

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

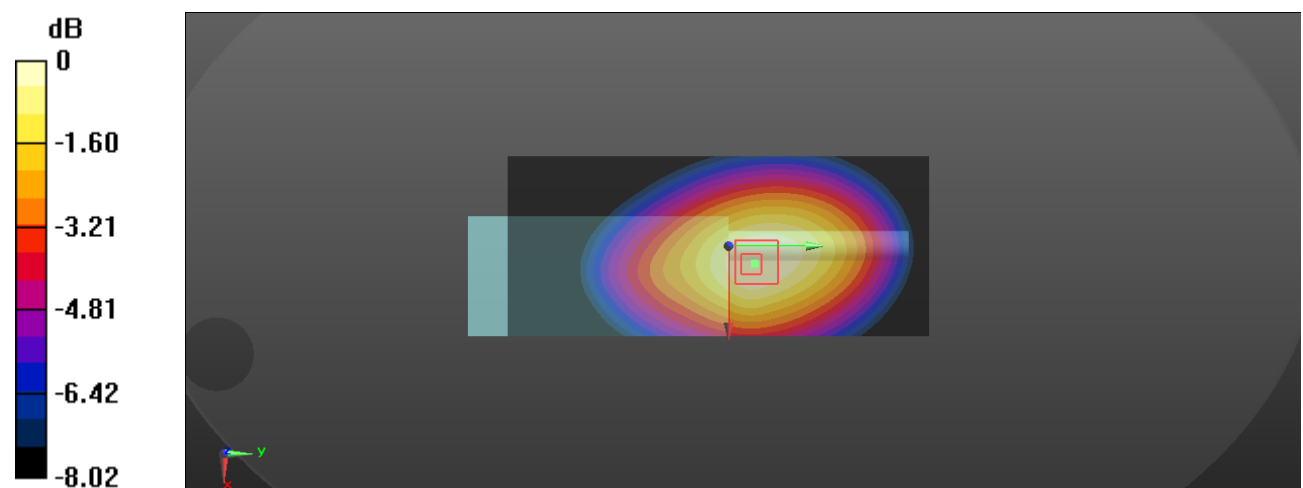
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 106.9 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 14.2 W/kg

**SAR(1 g) = 10.4 W/kg; SAR(10 g) = 7.56 W/kg**

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



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

**Plot 15#: FM 12.5kHz\_435MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH660 UHF; Serial: CR22050033-SA-S2**

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

Medium parameters used:  $f = 435$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 43.725$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 435 MHz; Calibrated: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.82 W/kg

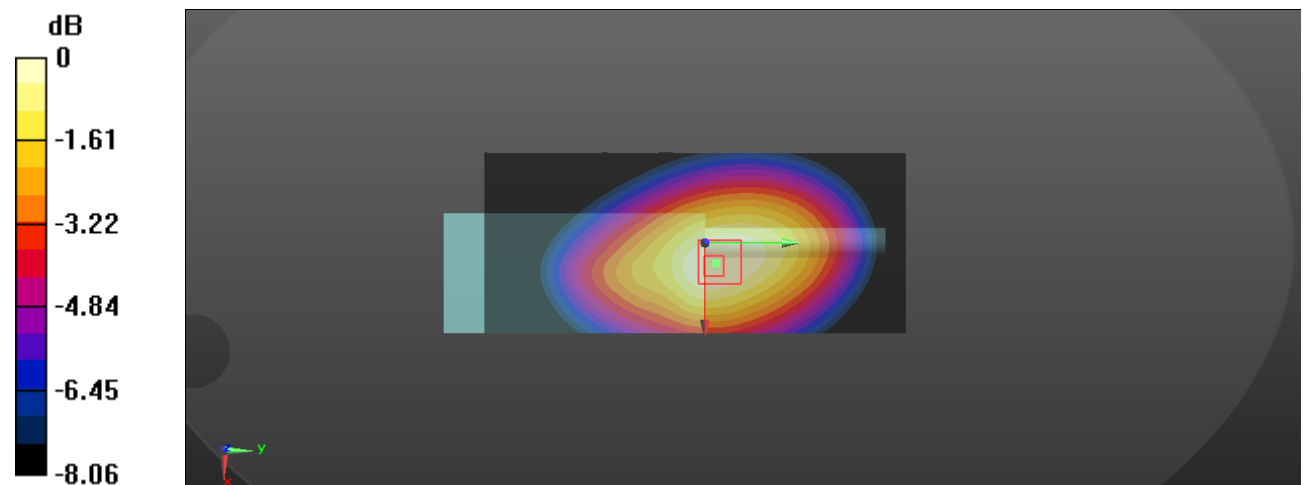
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.00 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 8.66 W/kg

**SAR(1 g) = 6.31 W/kg; SAR(10 g) = 4.59 W/kg**

Maximum value of SAR (measured) = 6.66 W/kg



0 dB = 6.66 W/kg = 8.23 dBW/kg

**Plot 16#: FM 12.5kHz\_452.5125MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH660 UHF; Serial: CR22050033-SA-S2**

Communication System: FM; Frequency: 452.512 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 452.512$  MHz;  $\sigma = 0.885$  S/m;  $\epsilon_r = 43.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.512 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.77 W/kg

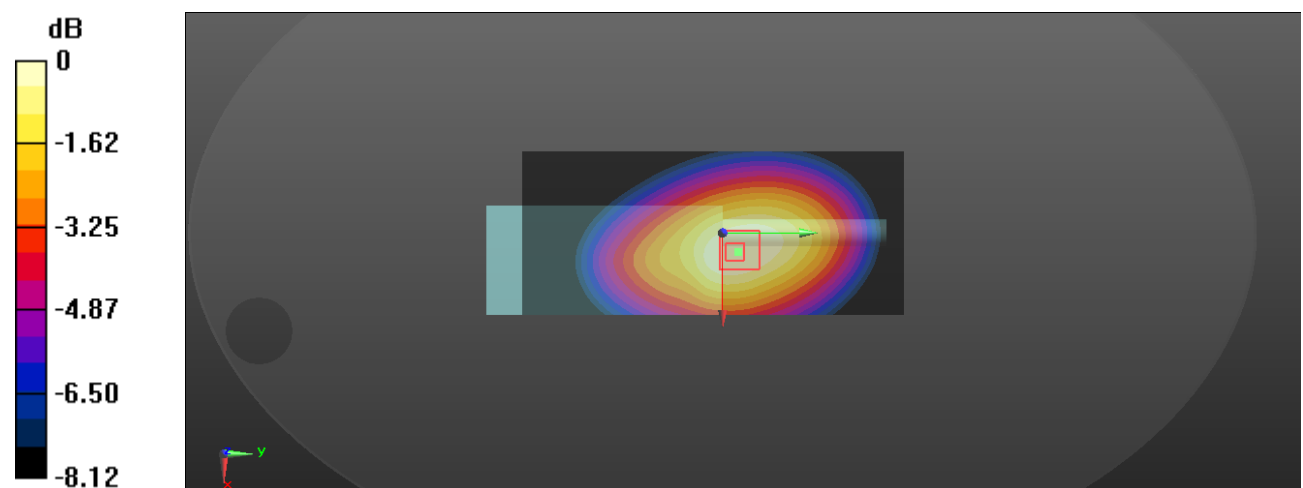
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 70.66 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.08 W/kg

**SAR(1 g) = 4.42 W/kg; SAR(10 g) = 3.2 W/kg**

Maximum value of SAR (measured) = 4.65 W/kg



0 dB = 4.65 W/kg = 6.67 dBW/kg



**Plot 17#: FM 12.5kHz\_469.9875MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH660 UHF; Serial: CR22050033-SA-S2**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 43.211$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.40 W/kg

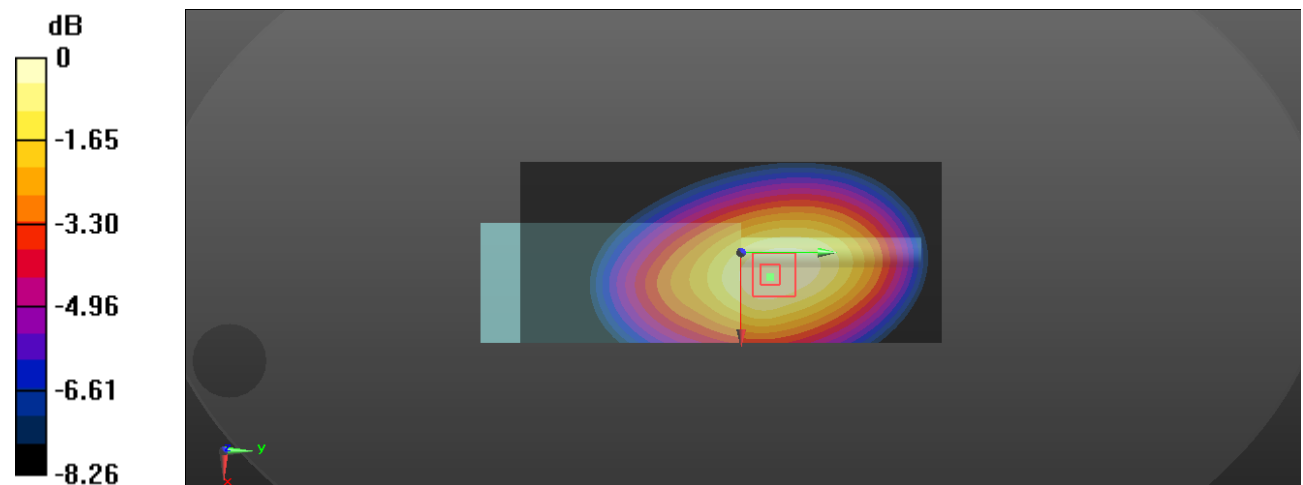
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.52 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.38 W/kg

**SAR(1 g) = 3.19 W/kg; SAR(10 g) = 2.3 W/kg**

Maximum value of SAR (measured) = 3.36 W/kg



0 dB = 3.36 W/kg = 5.26 dBW/kg

**Plot 18#: 4FSK 12.5kHz\_417.5125MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH660 UHF; Serial: CR22050033-SA-S2**

Communication System: 4FSK; Frequency: 417.512 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.20 W/kg

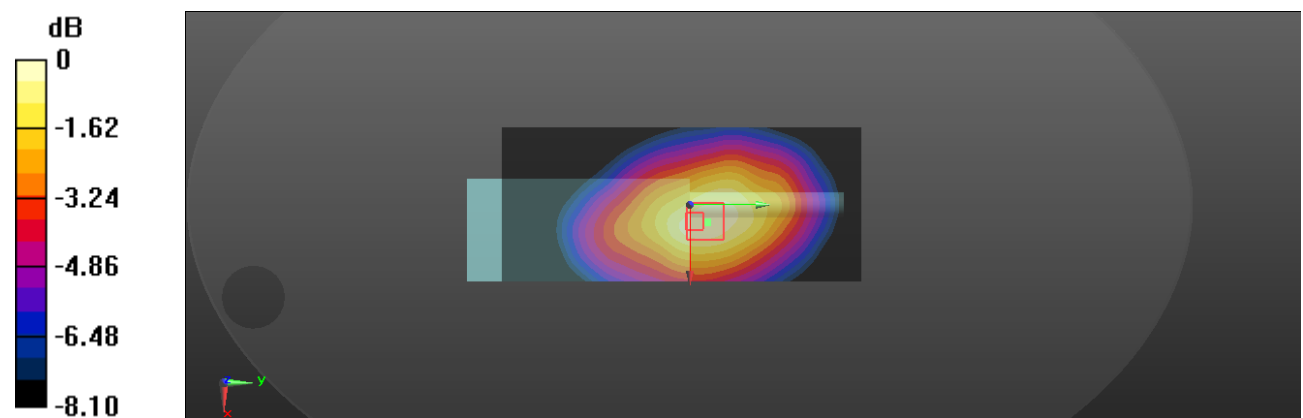
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 73.31 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 7.26 W/kg

**SAR(1 g) = 4.86 W/kg; SAR(10 g) = 3.52 W/kg**

Maximum value of SAR (measured) = 5.30 W/kg



0 dB = 5.30 W/kg = 7.24 dBW/kg

**Plot 19#: FM 12.5kHz\_ 417.5125MHz\_ Face Up\_Battery 2****DUT: Digital Portable Radio; Type: PH660 UHF; Serial: CR22050033-SA-S2**

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

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.36 W/kg

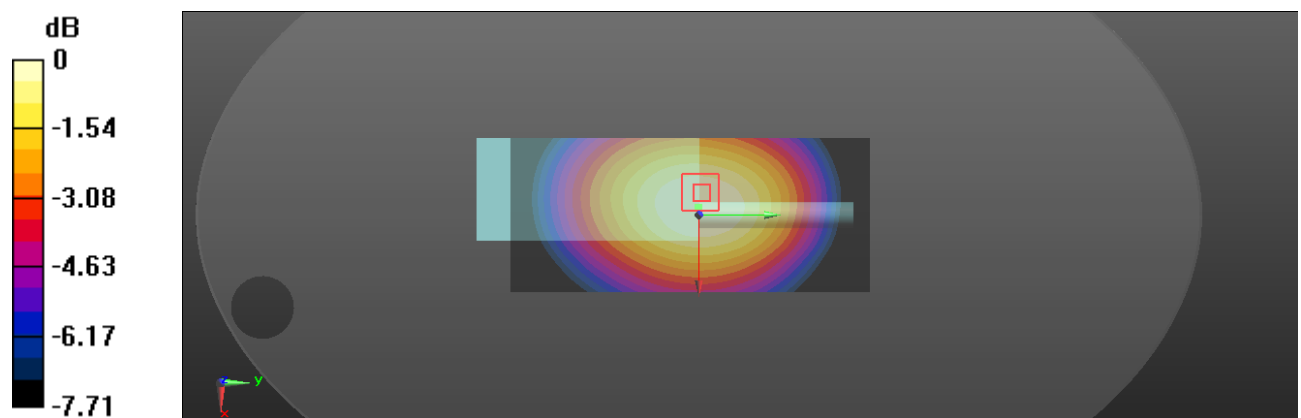
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.23 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 6.59 W/kg

**SAR(1 g) = 5.06 W/kg; SAR(10 g) = 3.89 W/kg**

Maximum value of SAR (measured) = 5.28 W/kg



0 dB = 5.28 W/kg = 7.23 dBW/kg

**Plot 20#: FM 12.5kHz\_417.5125MHz\_Body Back\_Battery 2****DUT: Digital Portable Radio; Type: PH660 UHF; Serial: CR22050033-SA-S2**

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

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

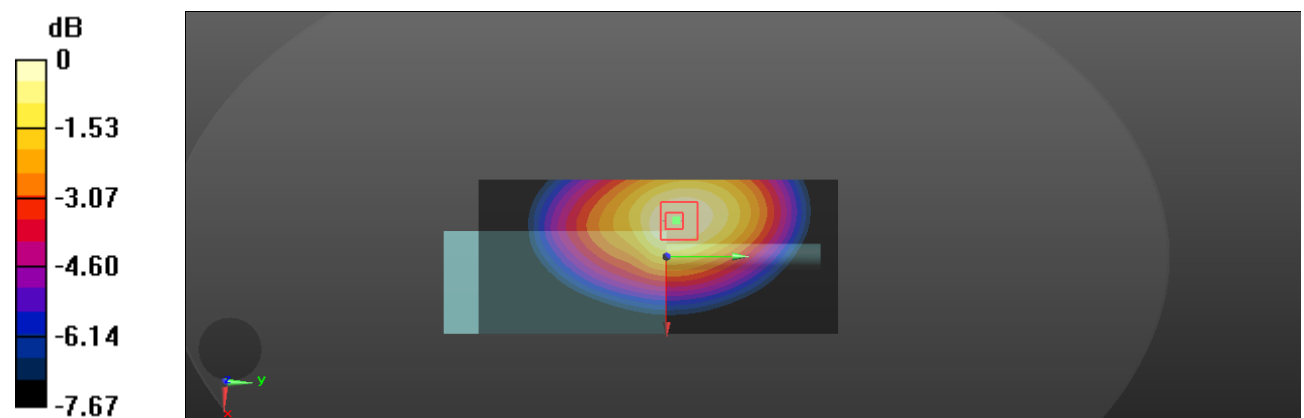
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.36 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 14.1 W/kg

**SAR(1 g) = 10.3 W/kg; SAR(10 g) = 7.58 W/kg**

Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 10.9 W/kg = 10.37 dBW/kg

**Plot 21#: FM 12.5 kHz\_417.5125MHz\_Face Up\_Battery 1****DUT: Digital Portable Radio; Type: PH600 UHF; Serial: CR22050033-SA-S3**

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

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.89 W/kg

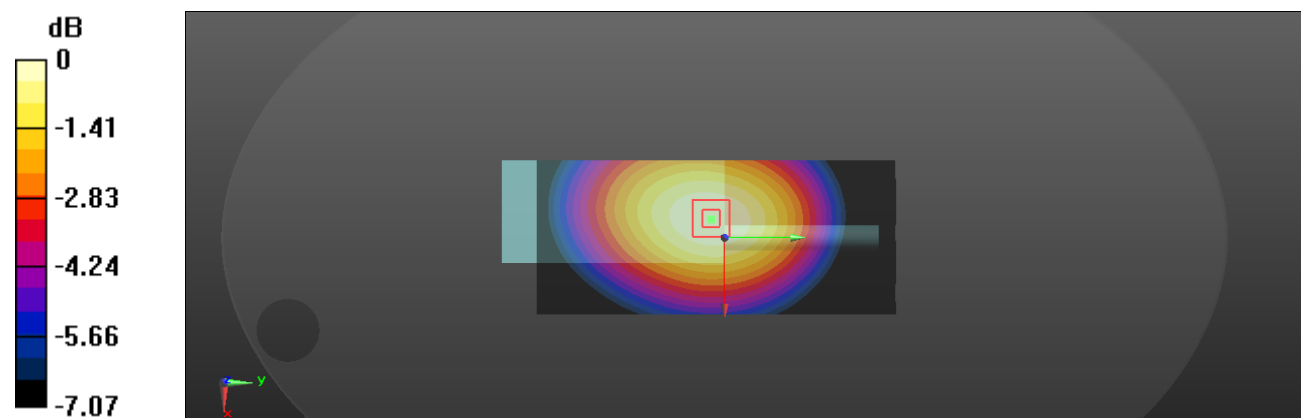
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 73.46 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 6.07 W/kg

**SAR(1 g) = 4.65 W/kg; SAR(10 g) = 3.53 W/kg**

Maximum value of SAR (measured) = 4.87 W/kg



0 dB = 4.87 W/kg = 6.88 dBW/kg

**Plot 22#: 4FSK 12.5kHz\_417.5125MHz\_Face Up\_Battery 1****DUT: Digital Portable Radio; Type: PH600 UHF; Serial: CR22050033-SA-S3**

Communication System: 4FSK; Frequency: 417.512 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.31 W/kg

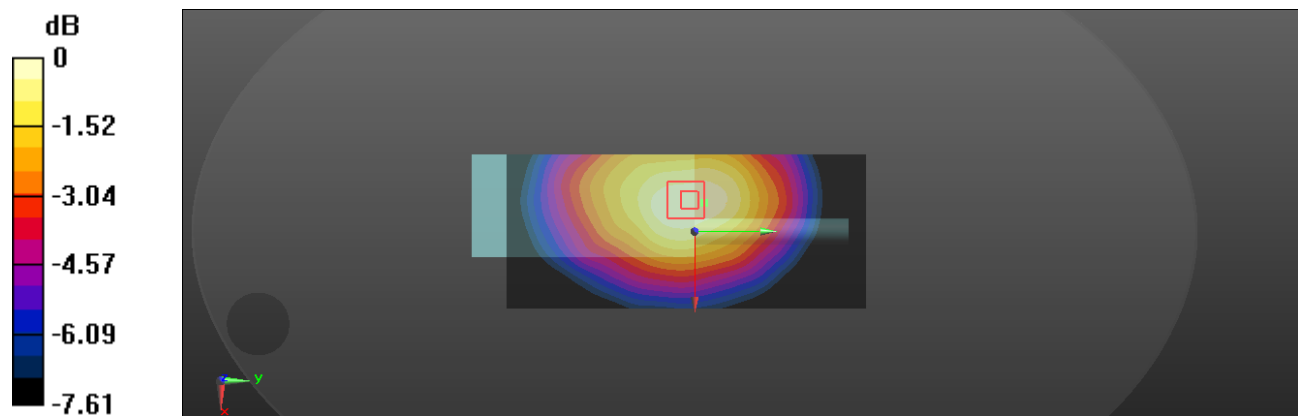
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.87 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.01 W/kg

**SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.67 W/kg**

Maximum value of SAR (measured) = 2.38 W/kg



0 dB = 2.38 W/kg = 3.77 dBW/kg

**Plot 23#: FM 12.5 kHz\_ 400.0125MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH600 UHF; Serial: CR22050033-SA-S3**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.838$  S/m;  $\epsilon_r = 44.104$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.65 W/kg

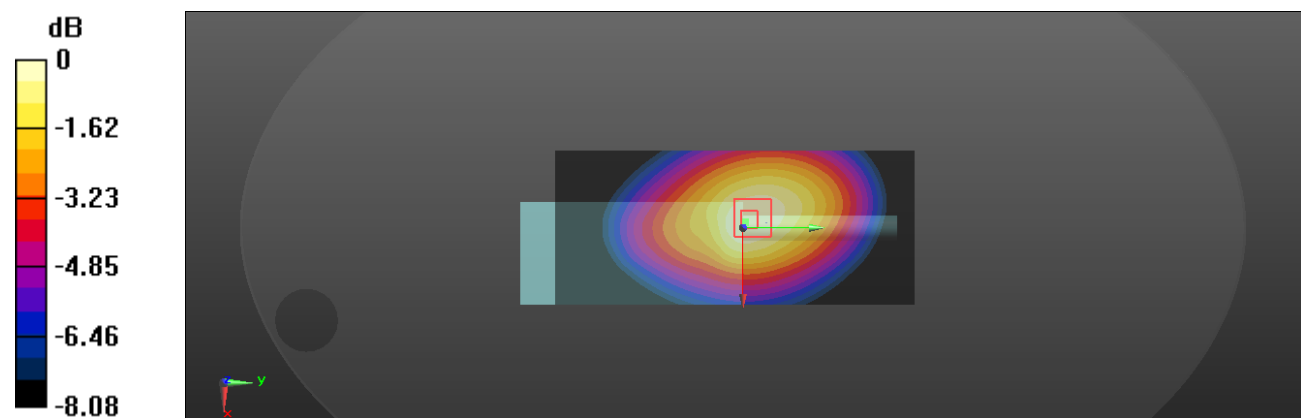
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.43 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 9.86 W/kg

**SAR(1 g) = 7.18 W/kg; SAR(10 g) = 5.25 W/kg**

Maximum value of SAR (measured) = 7.56 W/kg



0 dB = 7.56 W/kg = 8.79 dBW/kg

**Plot 24#: FM 12.5 kHz\_417.5125MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH600 UHF; Serial: CR22050033-SA-S3**

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

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

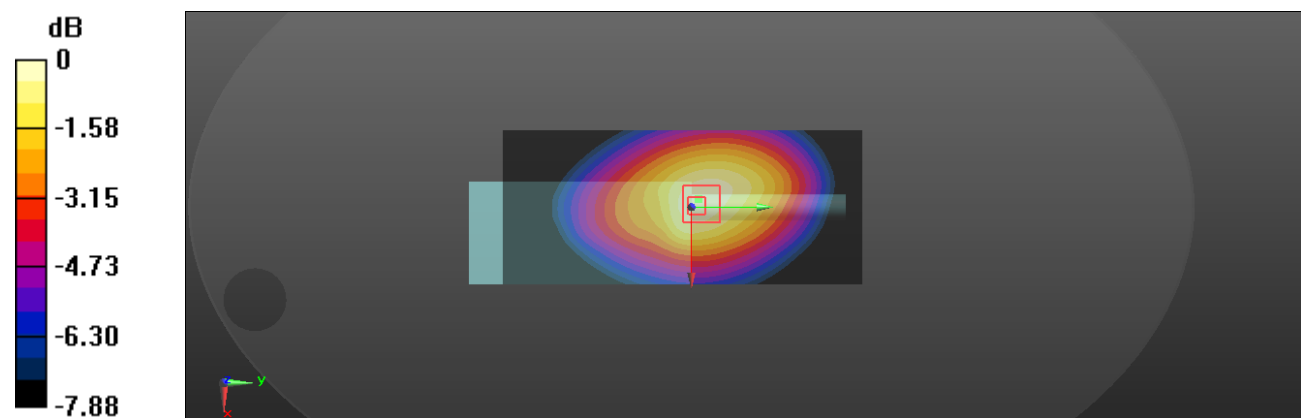
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.6 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 13.9 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.35 W/kg**

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



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



**Plot 25#: FM 12.5 kHz\_435MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH600 UHF; Serial: CR22050033-SA-S3**

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

Medium parameters used:  $f = 435$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 43.725$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 435 MHz; Calibrated: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.63 W/kg

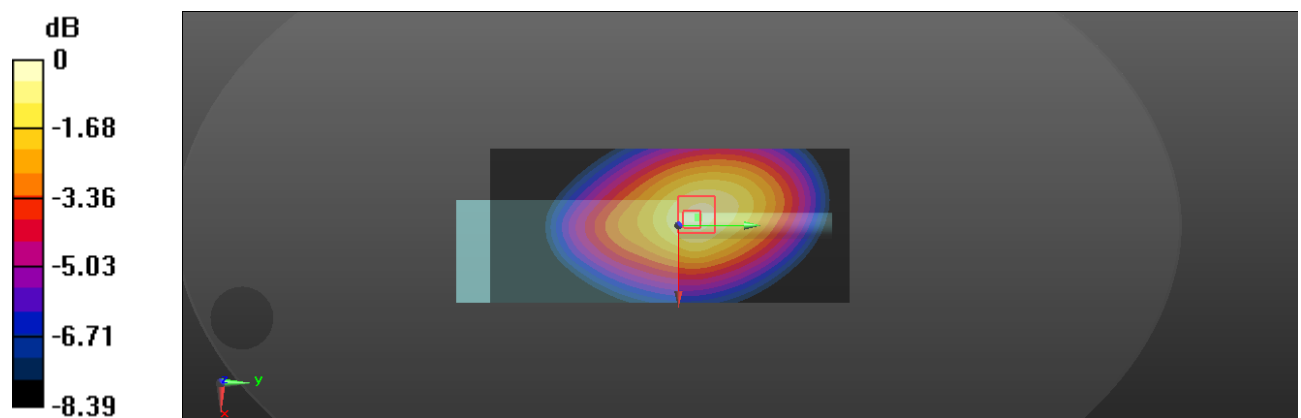
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.87 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 11.0 W/kg

**SAR(1 g) = 7.85 W/kg; SAR(10 g) = 5.62 W/kg**

Maximum value of SAR (measured) = 8.20 W/kg



0 dB = 8.20 W/kg = 9.14 dBW/kg

**Plot 26#: FM 12.5 kHz\_452.5125MHz\_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH600 UHF; Serial: CR22050033-SA-S3**

Communication System: FM; Frequency: 452.512 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 452.512$  MHz;  $\sigma = 0.885$  S/m;  $\epsilon_r = 43.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.512 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.74 W/kg

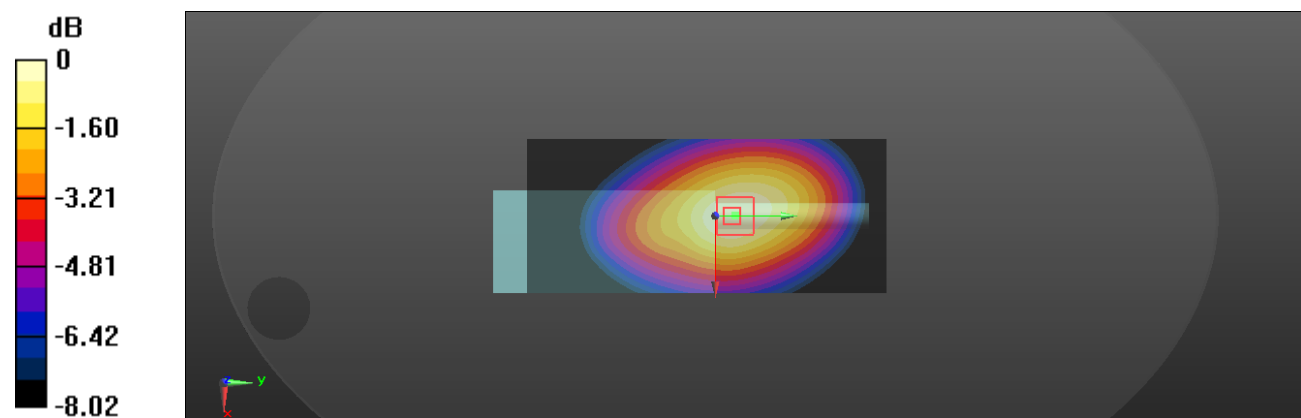
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.37 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 6.10 W/kg

**SAR(1 g) = 4.43 W/kg; SAR(10 g) = 3.21 W/kg**

Maximum value of SAR (measured) = 4.67 W/kg



0 dB = 4.67 W/kg = 6.69 dBW/kg

**Plot 27#: FM 12.5 kHz\_469.9875MHz \_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH600 UHF; Serial: CR22050033-SA-S3**

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

Medium parameters used:  $f = 469.988$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 43.211$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.41 W/kg

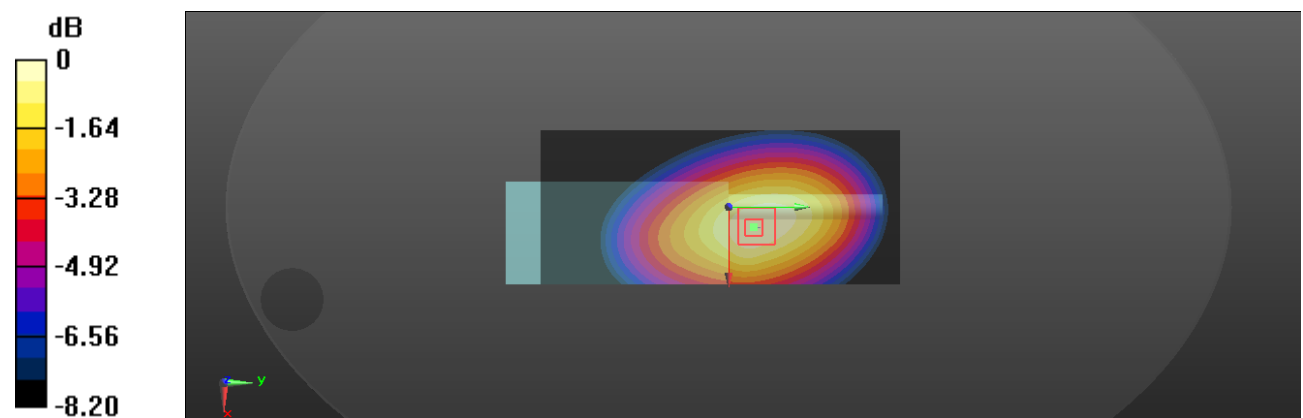
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.39 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.39 W/kg

**SAR(1 g) = 3.2 W/kg; SAR(10 g) = 2.32 W/kg**

Maximum value of SAR (measured) = 3.38 W/kg



0 dB = 3.38 W/kg = 5.29 dBW/kg

**Plot 28#: 4FSK 12.5kHz\_417.5125MHz \_Body Back\_Battery 1****DUT: Digital Portable Radio; Type: PH600 UHF; Serial: CR22050033-SA-S3**

Communication System: 4FSK; Frequency: 417.512 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.86 W/kg

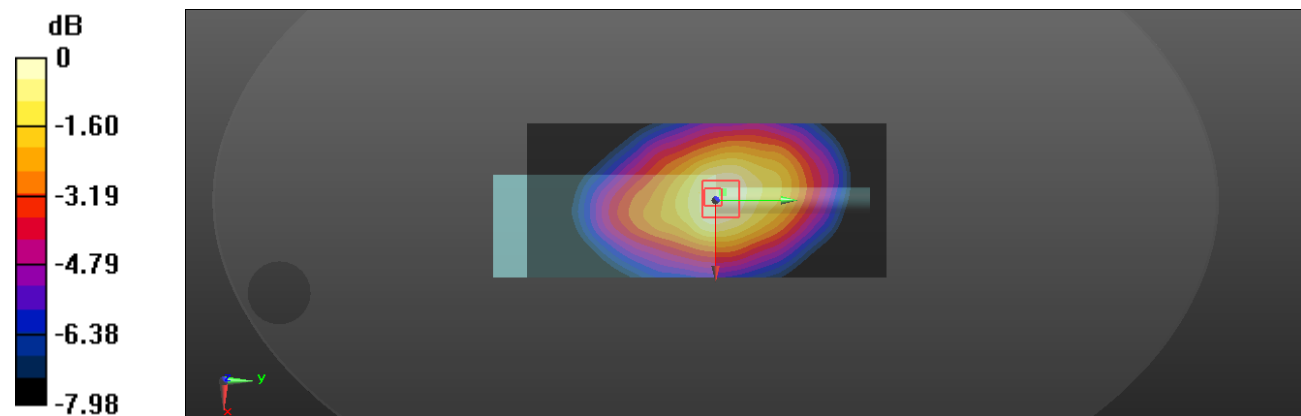
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 73.98 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 6.39 W/kg

**SAR(1 g) = 4.53 W/kg; SAR(10 g) = 3.33 W/kg**

Maximum value of SAR (measured) = 4.92 W/kg



0 dB = 4.92 W/kg = 6.92 dBW/kg

**Plot 29#: FM 12.5 kHz\_417.5125MHz\_Face Up\_Battery 2****DUT: Digital Portable Radio; Type: PH600 UHF; Serial: CR22050033-SA-S3**

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

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.80 W/kg

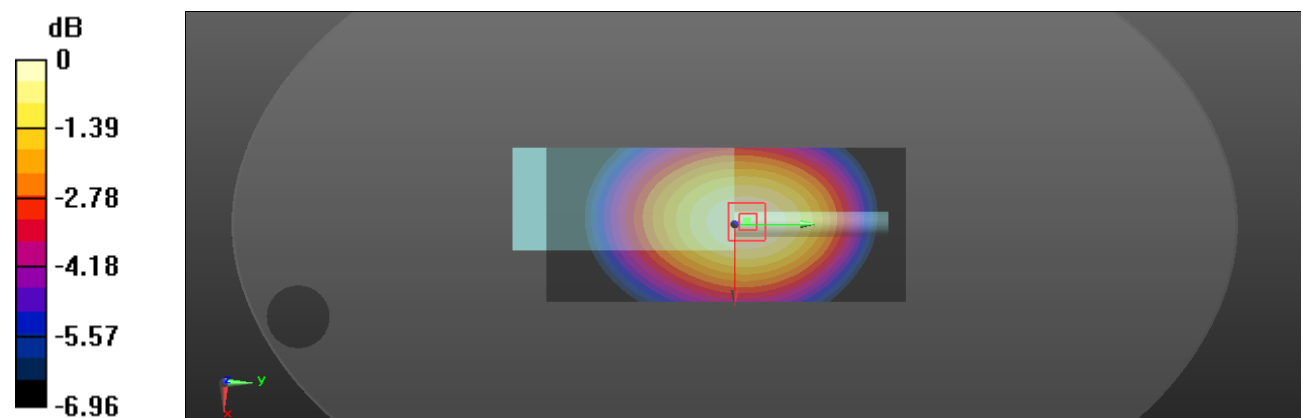
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.14 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.54 W/kg

**SAR(1 g) = 4.26 W/kg; SAR(10 g) = 3.24 W/kg**

Maximum value of SAR (measured) = 4.46 W/kg



0 dB = 4.46 W/kg = 6.49 dBW/kg

**Plot 30#: FM 12.5 kHz\_417.5125MHz\_Body Back\_Battery 2****DUT: Digital Portable Radio; Type: PH600 UHF; Serial: CR22050033-SA-S3**

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

Medium parameters used:  $f = 417.512$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.874$ ;  $\rho = 1000$  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: 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 (61x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.3 W/kg

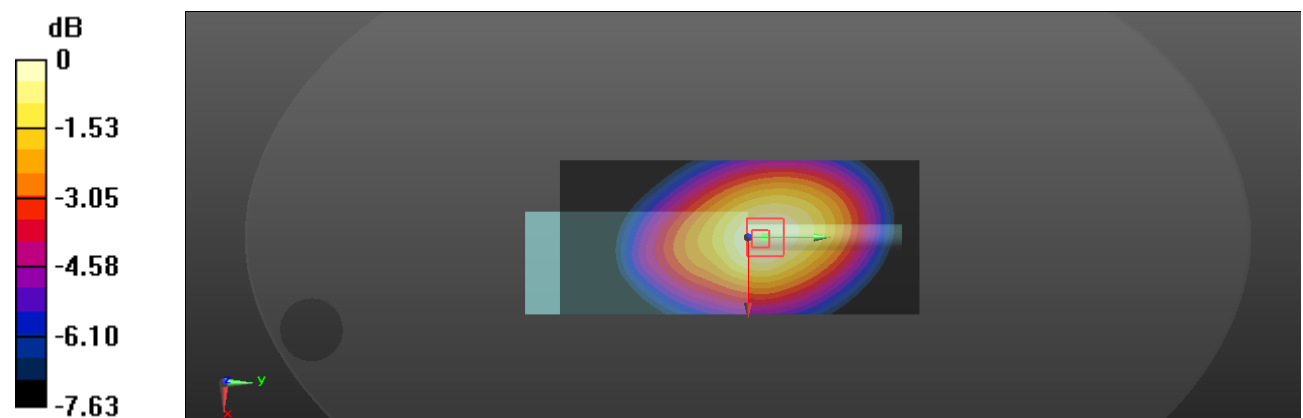
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.4 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 13.1 W/kg

**SAR(1 g) = 9.56 W/kg; SAR(10 g) = 7 W/kg**

Maximum value of SAR (measured) = 10.0 W/kg



0 dB = 10.0 W/kg = 10.00 dBW/kg