

**Test Plot 1#:FM12.5kHz\_400.0125MHz \_Face Up\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 400.0125 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 400.0125$  MHz;  $\sigma = 0.842$  S/m;  $\epsilon_r = 44.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.31 W/kg

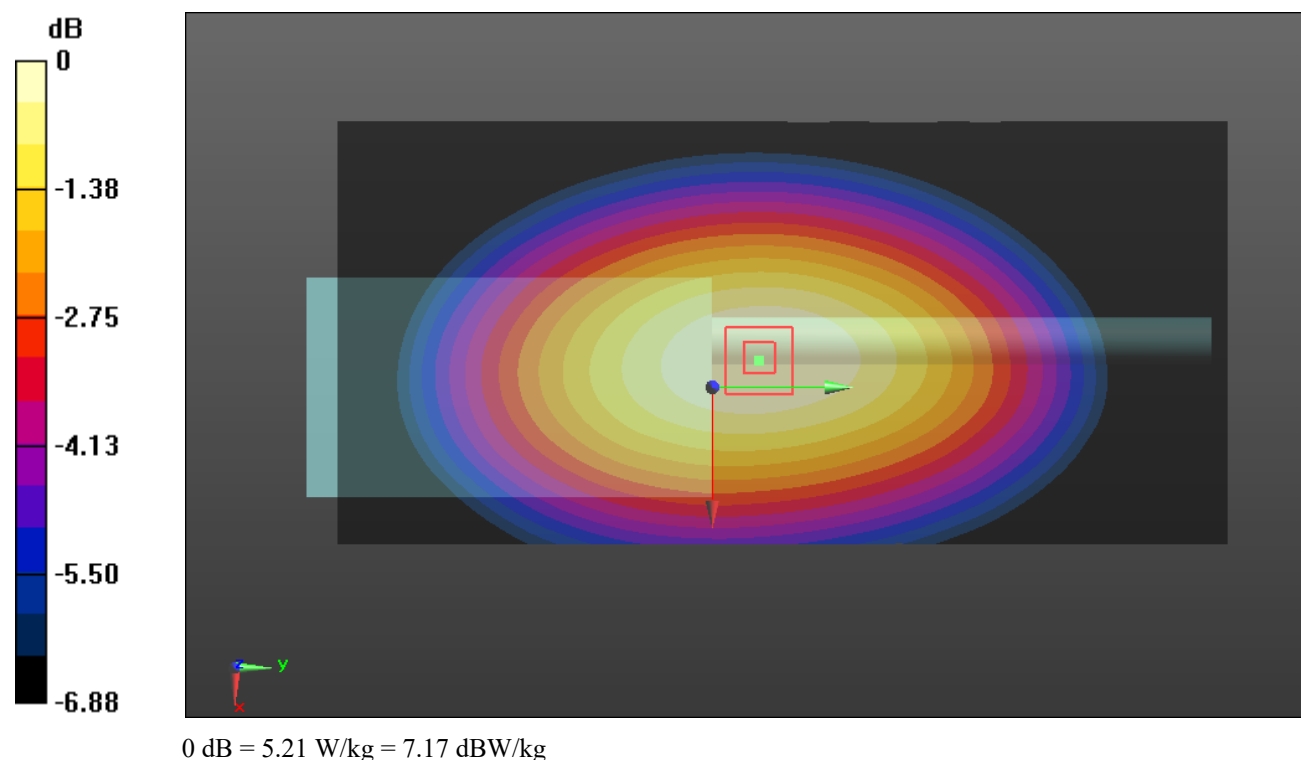
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 78.19 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 6.37 W/kg

**SAR(1 g) = 4.96 W/kg; SAR(10 g) = 3.8 W/kg**

Maximum value of SAR (measured) = 5.21 W/kg



**Test Plot 2#:FM\_12.5kHz\_ 416MHz\_ Face Up\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 416 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 43.729$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

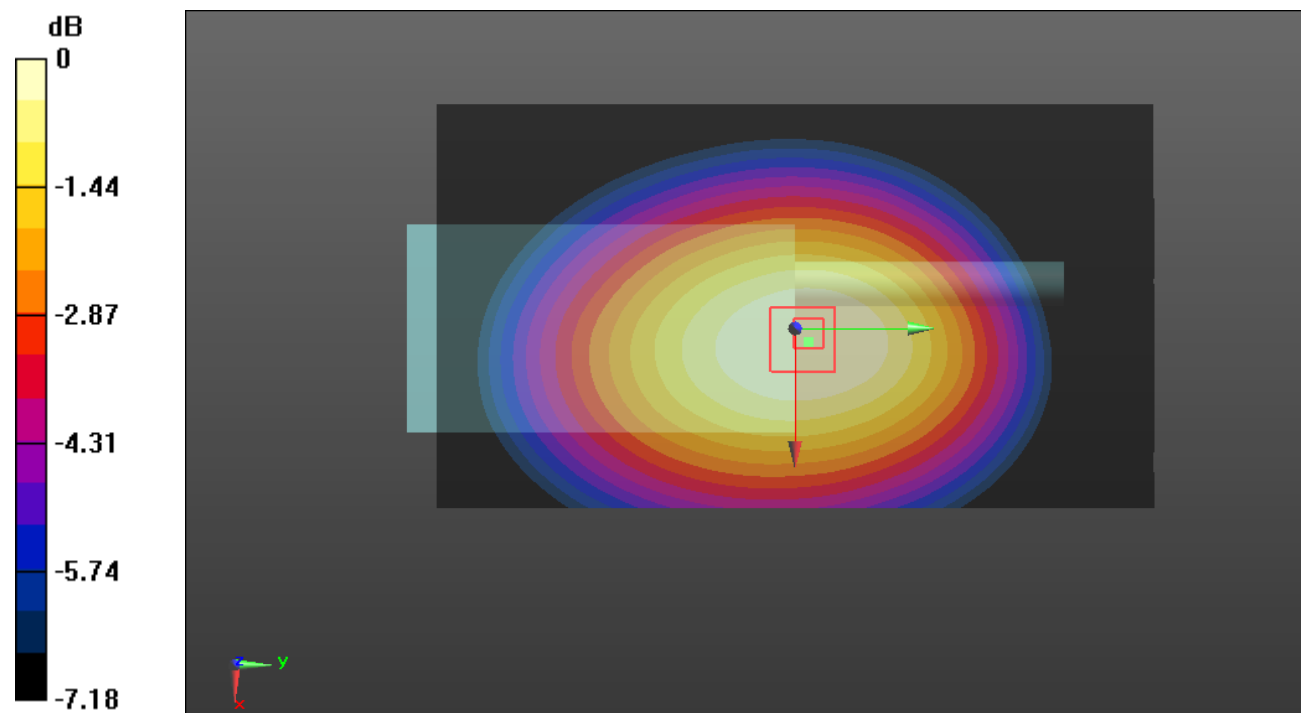
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.86 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 6.65 W/kg

**SAR(1 g) = 5.17 W/kg; SAR(10 g) = 3.95 W/kg**

Maximum value of SAR (measured) = 5.41 W/kg



0 dB = 5.41 W/kg = 7.33 dBW/kg

**Test Plot 3#: FM25kHz\_400.0125MHz\_Face Up\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 400.0125 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 400.0125$  MHz;  $\sigma = 0.842$  S/m;  $\epsilon_r = 44.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.15 W/kg

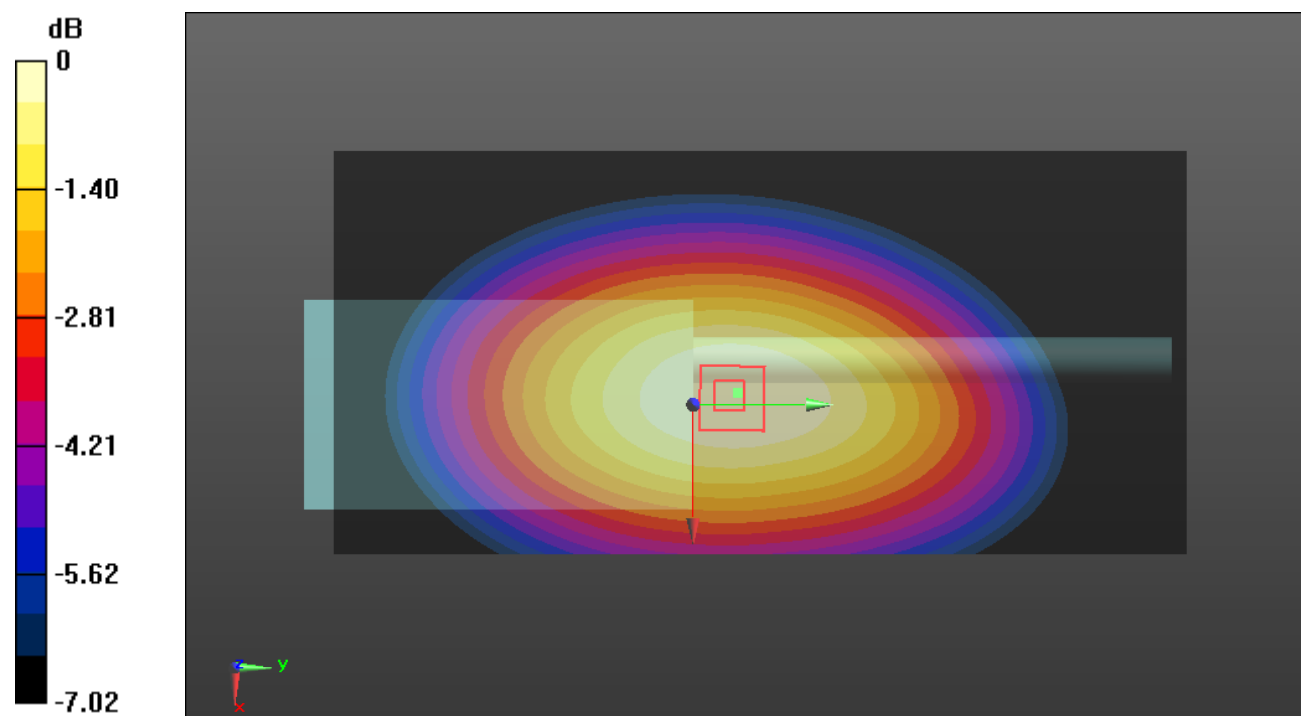
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 77.70 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 6.18 W/kg

**SAR(1 g) = 4.83 W/kg; SAR(10 g) = 3.7 W/kg**

Maximum value of SAR (measured) = 5.05 W/kg



0 dB = 5.05 W/kg = 7.03 dBW/kg

**Test Plot 4#:25kHz\_ 416MHz\_ Face Up\_ ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 416 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 43.729$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.33 W/kg

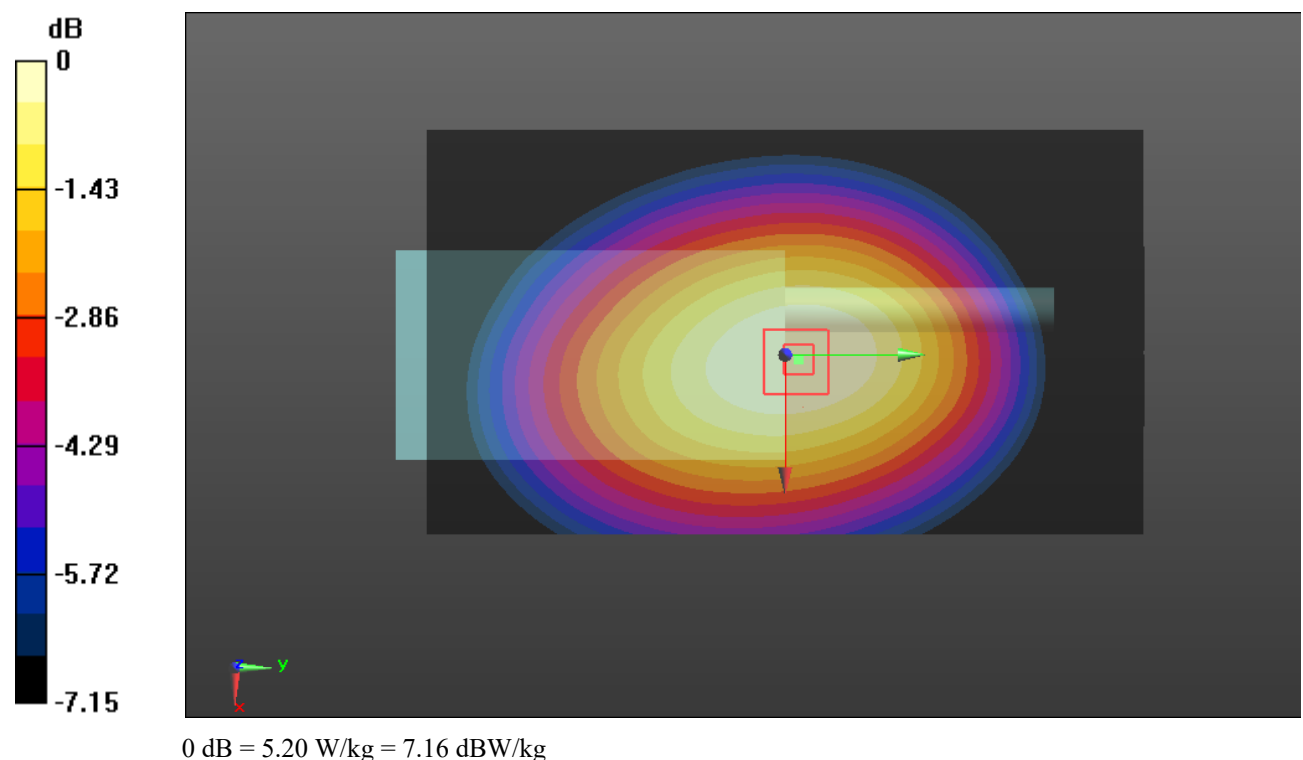
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.52 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 6.35 W/kg

**SAR(1 g) = 4.96 W/kg; SAR(10 g) = 3.79 W/kg**

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



**Test Plot 5#: 4FSK\_400.0125MHz \_Face Up****DUT: Two way radio; Type: T03-00313-GCAA; Serial: DG2210813-34322E-SA-S1**

Communication System: 4FSK; Frequency: 400.0125 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 400.0125$  MHz;  $\sigma = 0.842$  S/m;  $\epsilon_r = 44.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

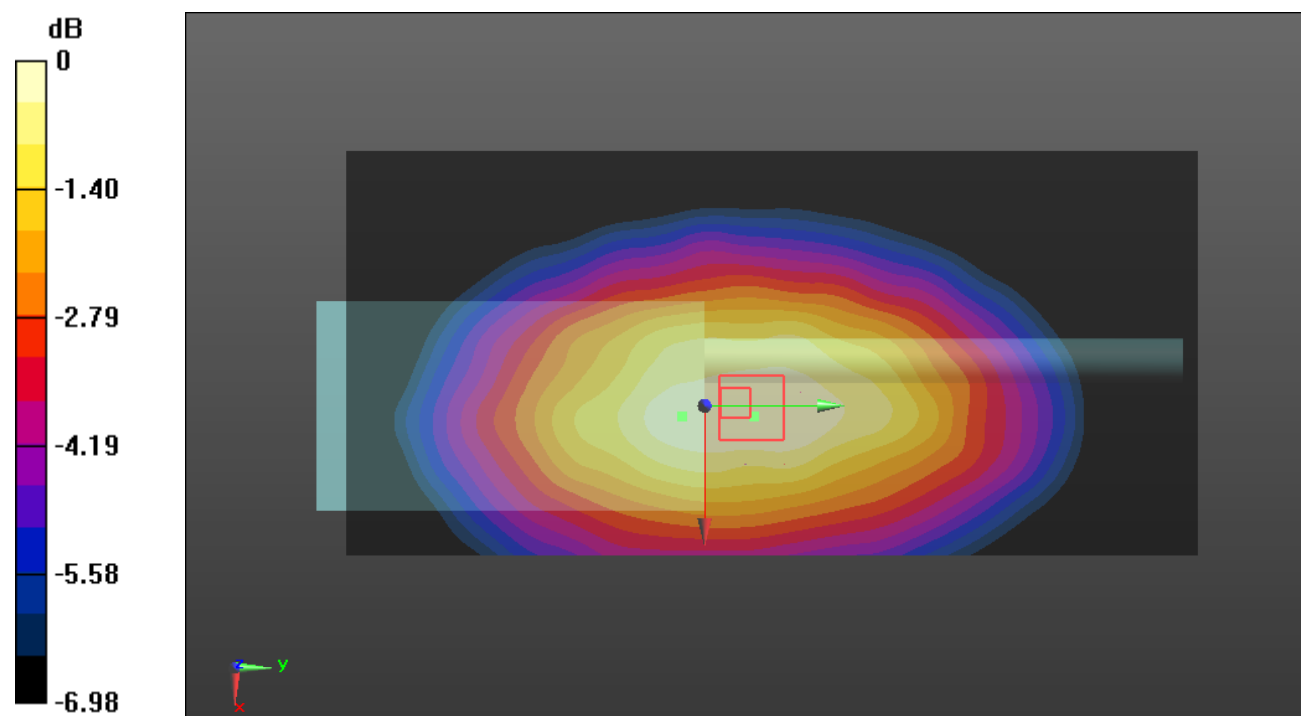
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.85 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.25 W/kg

**SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.77 W/kg**

Maximum value of SAR (measured) = 2.48 W/kg



0 dB = 2.48 W/kg = 3.94 dBW/kg

**Test Plot 6#:4FSK\_ 416MHz\_ Face Up\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: 4FSK; Frequency: 416 MHz;Duty Cycle: 1:2

Medium parameters used (interpolated):  $f = 416$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 43.729$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.70 W/kg

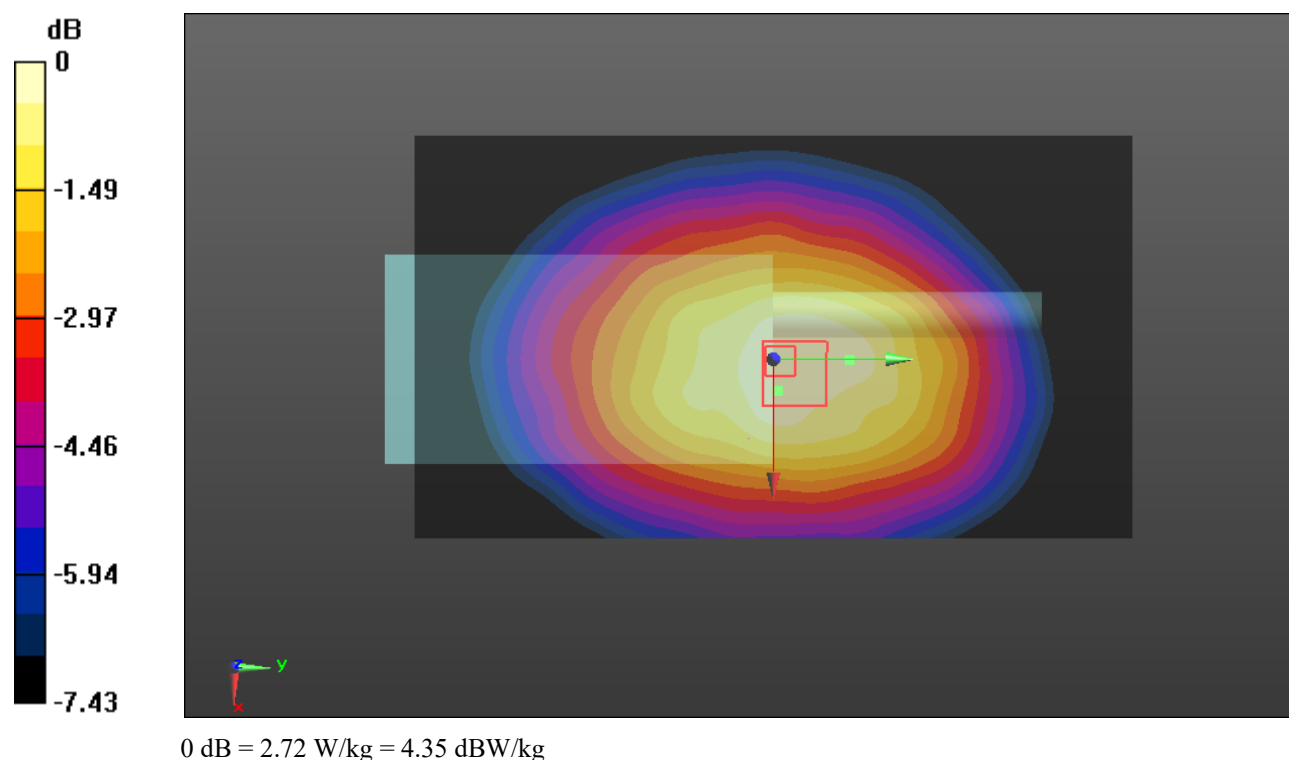
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.96 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.57 W/kg

**SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.92 W/kg**

Maximum value of SAR (measured) = 2.72 W/kg



**Test Plot 7#:FM\_12.5KHz\_400.0125MHz\_ Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 400.0125 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 400.0125$  MHz;  $\sigma = 0.842$  S/m;  $\epsilon_r = 44.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.77 W/kg

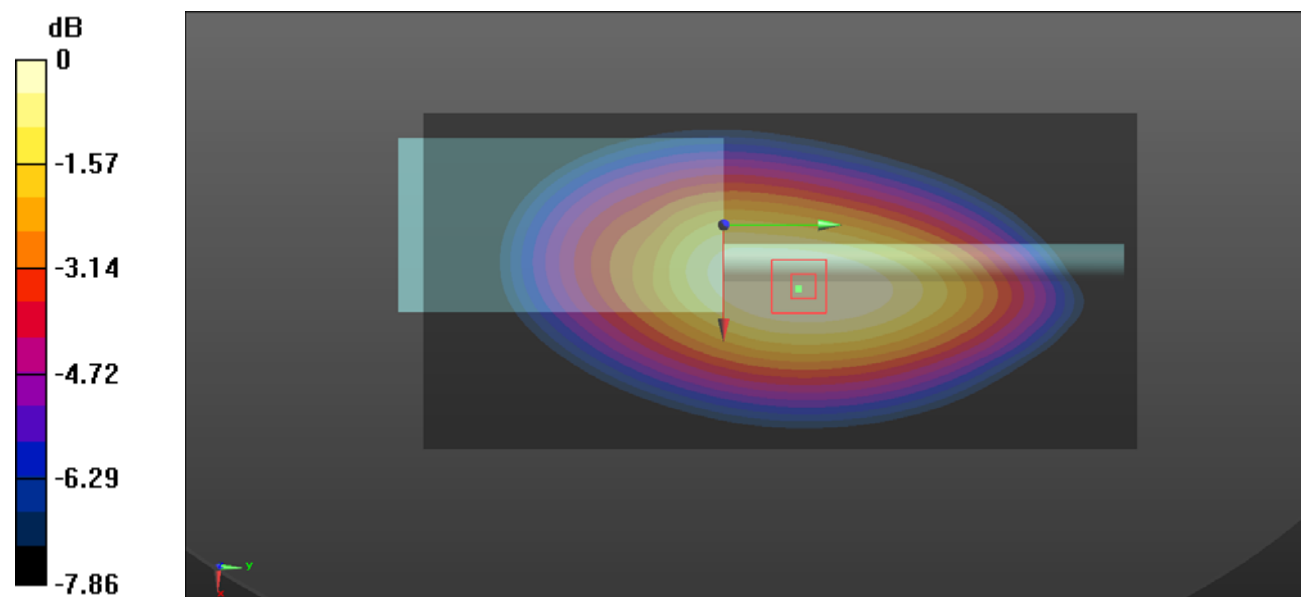
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.31 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 11.9 W/kg

**SAR(1 g) = 8.89 W/kg; SAR(10 g) = 6.56 W/kg**

Maximum value of SAR (measured) = 9.36 W/kg



0 dB = 9.36 W/kg = 9.71 dBW/kg

**Test Plot 8#:FM\_12.5KHz\_416MHz\_ Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 416 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 416 \text{ MHz}$ ;  $\sigma = 0.862 \text{ S/m}$ ;  $\epsilon_r = 43.729$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x191x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

Maximum value of SAR (interpolated) = 9.16 W/kg

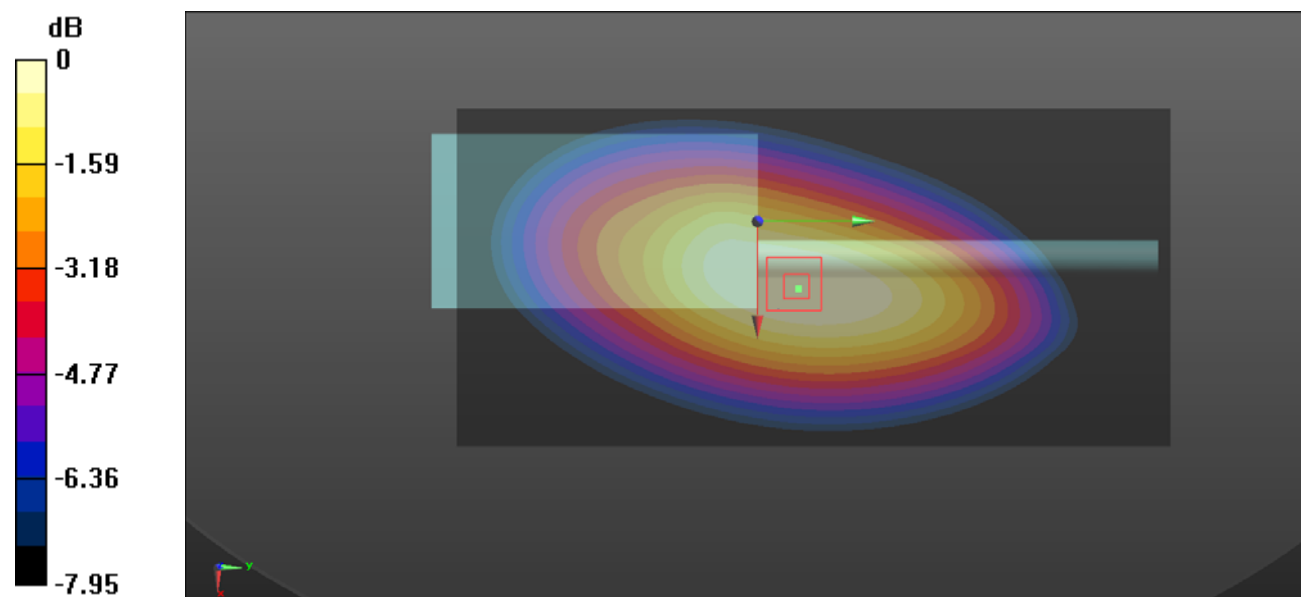
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 89.45 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 11.1 W/kg

**SAR(1 g) = 8.25 W/kg; SAR(10 g) = 6.08 W/kg**

Maximum value of SAR (measured) = 8.71 W/kg



0 dB = 8.71 W/kg = 9.40 dBW/kg



**Test Plot 9#:FM\_12.5KHz\_432MHz\_ Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 432 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 432 \text{ MHz}$ ;  $\sigma = 0.865 \text{ S/m}$ ;  $\epsilon_r = 43.477$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432 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 (91x191x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

Maximum value of SAR (interpolated) = 7.05 W/kg

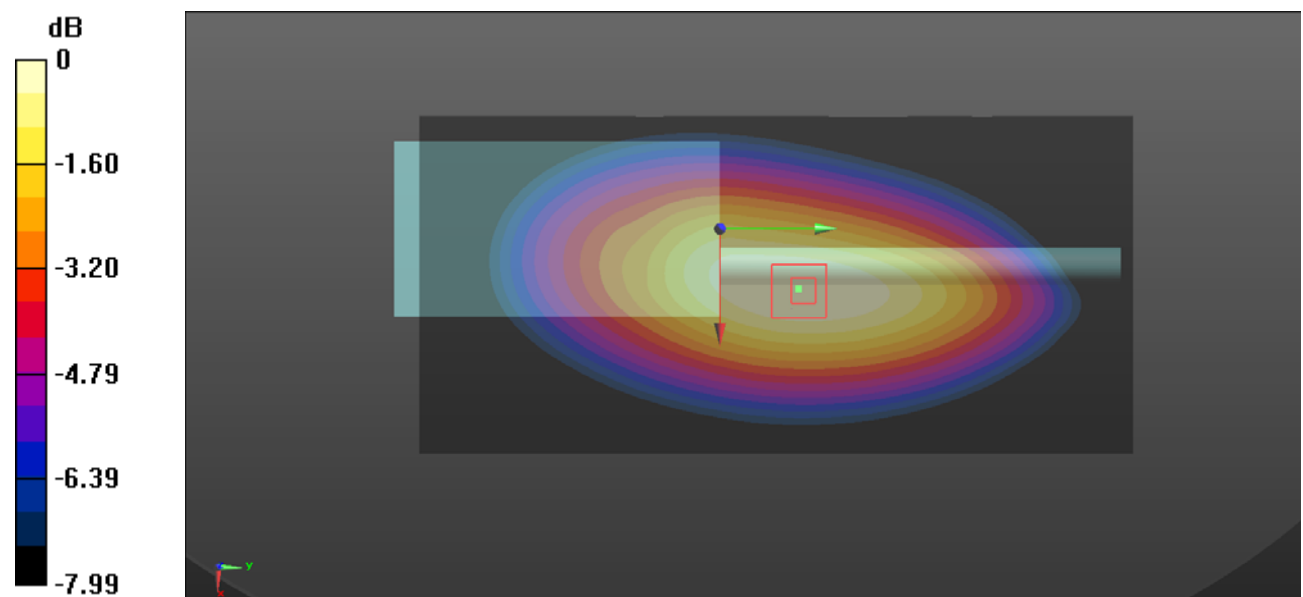
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 77.65 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 8.82 W/kg

**SAR(1 g) = 6.57 W/kg; SAR(10 g) = 4.83 W/kg**

Maximum value of SAR (measured) = 6.93 W/kg



0 dB = 6.93 W/kg = 8.41 dBW/kg

**Test Plot 10#:FM\_12.5KHz\_448MHz\_Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 448 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 448$  MHz;  $\sigma = 0.871$  S/m;  $\epsilon_r = 43.45$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 448 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.56 W/kg

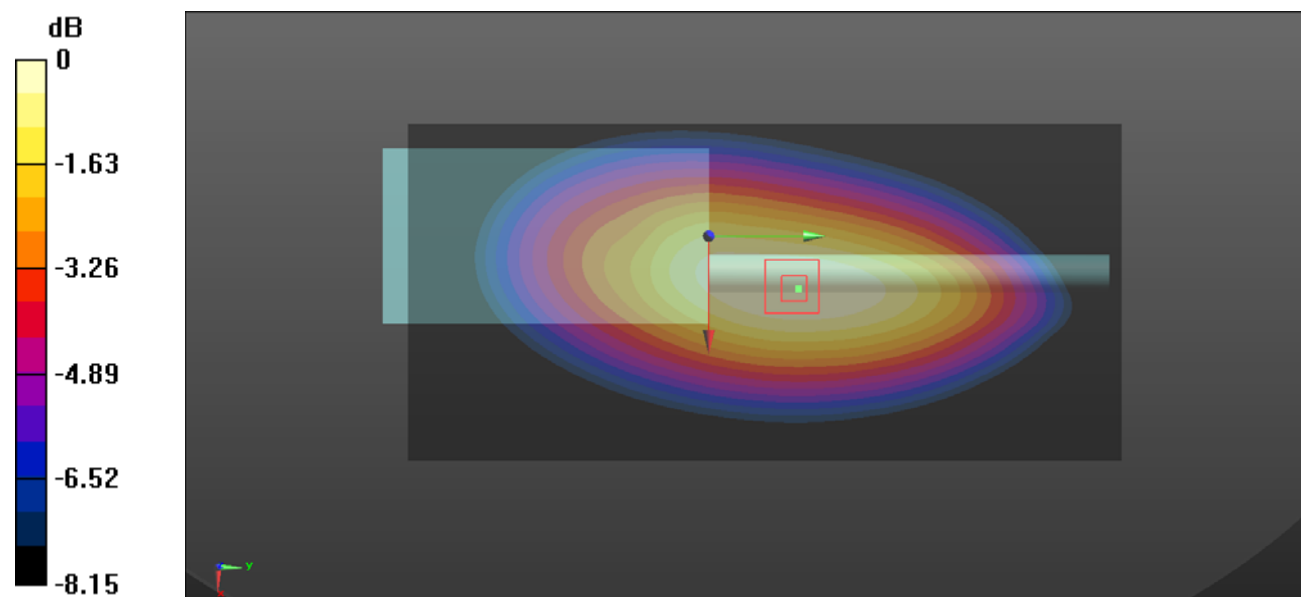
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 77.61 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 8.25 W/kg

**SAR(1 g) = 6.08 W/kg; SAR(10 g) = 4.45 W/kg**

Maximum value of SAR (measured) = 6.43 W/kg



0 dB = 6.43 W/kg = 8.08 dBW/kg

**Test Plot 11#:FM\_12.5KHz\_464MHz\_ Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 464 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 464 \text{ MHz}$ ;  $\sigma = 0.878 \text{ S/m}$ ;  $\epsilon_r = 42.432$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 464 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 (91x191x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

Maximum value of SAR (interpolated) = 8.56 W/kg

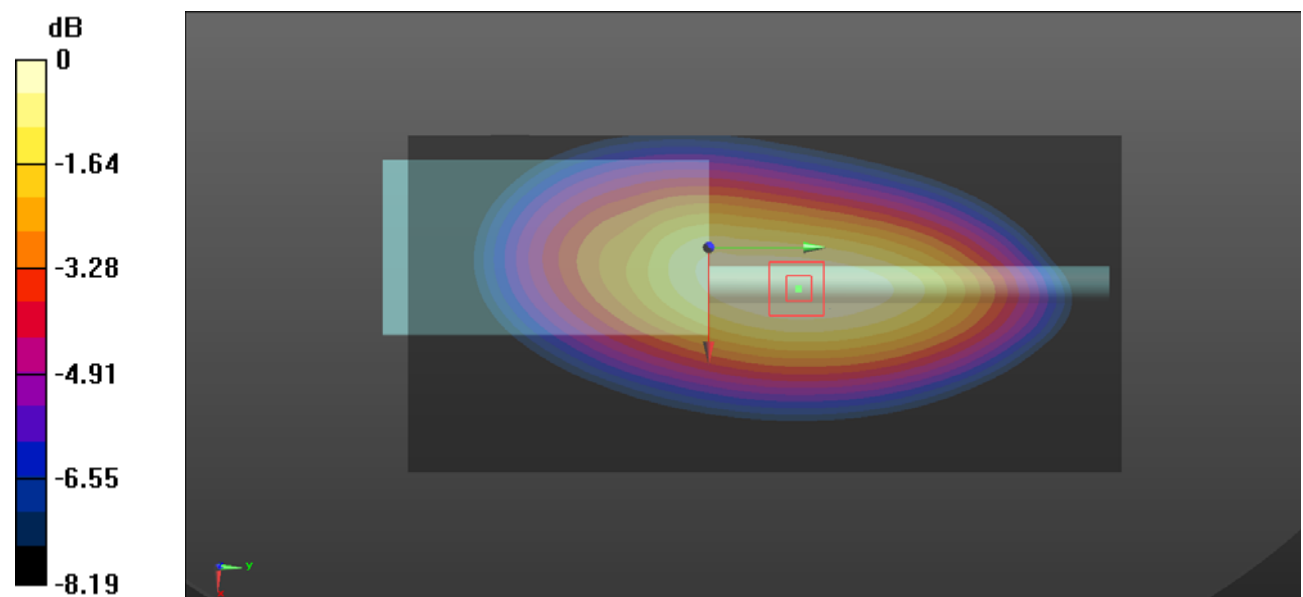
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 91.65 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 10.7 W/kg

**SAR(1 g) = 7.91 W/kg; SAR(10 g) = 5.76 W/kg**

Maximum value of SAR (measured) = 8.37 W/kg



0 dB = 8.37 W/kg = 9.23 dBW/kg

**Test Plot 12#:FM\_12.5KHz\_479.9875MHz\_ Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 479.9875 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 479.9875$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 42.232$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.9875 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.32 W/kg

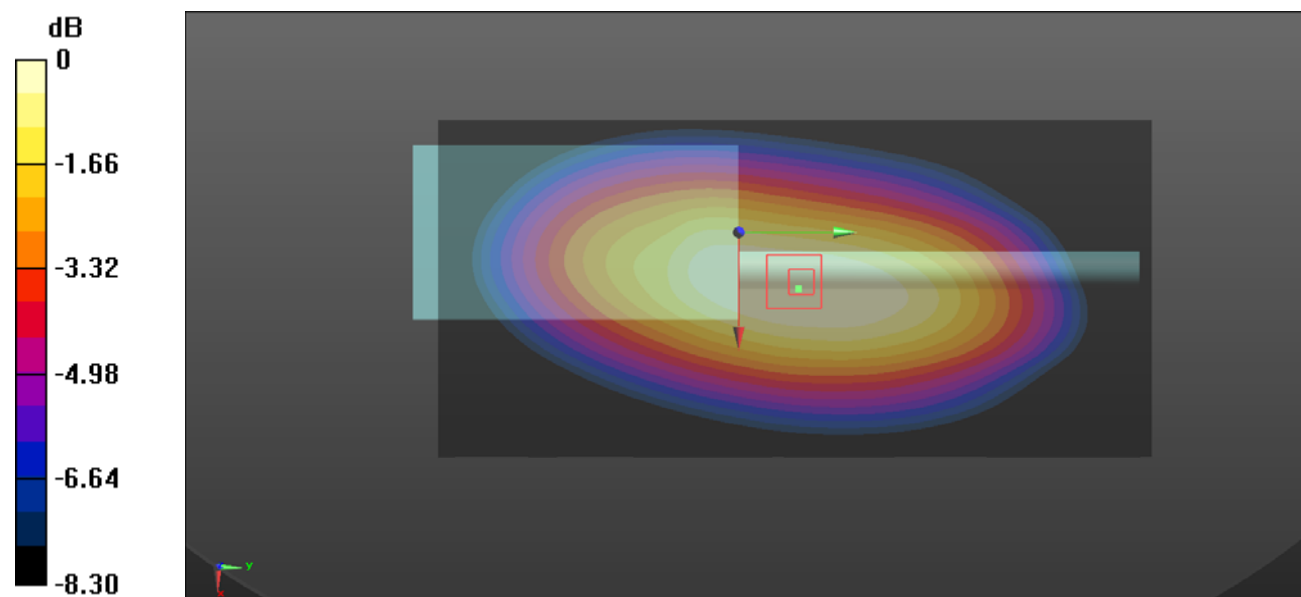
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.14 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 10.3 W/kg

**SAR(1 g) = 7.58 W/kg; SAR(10 g) = 5.54 W/kg**

Maximum value of SAR (measured) = 7.95 W/kg



0 dB = 7.95 W/kg = 9.00 dBW/kg

**Test Plot 13#: FM12.5kHz\_400.0125MHz\_Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 400.0125 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.842$  S/m;  $\epsilon_r = 44.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

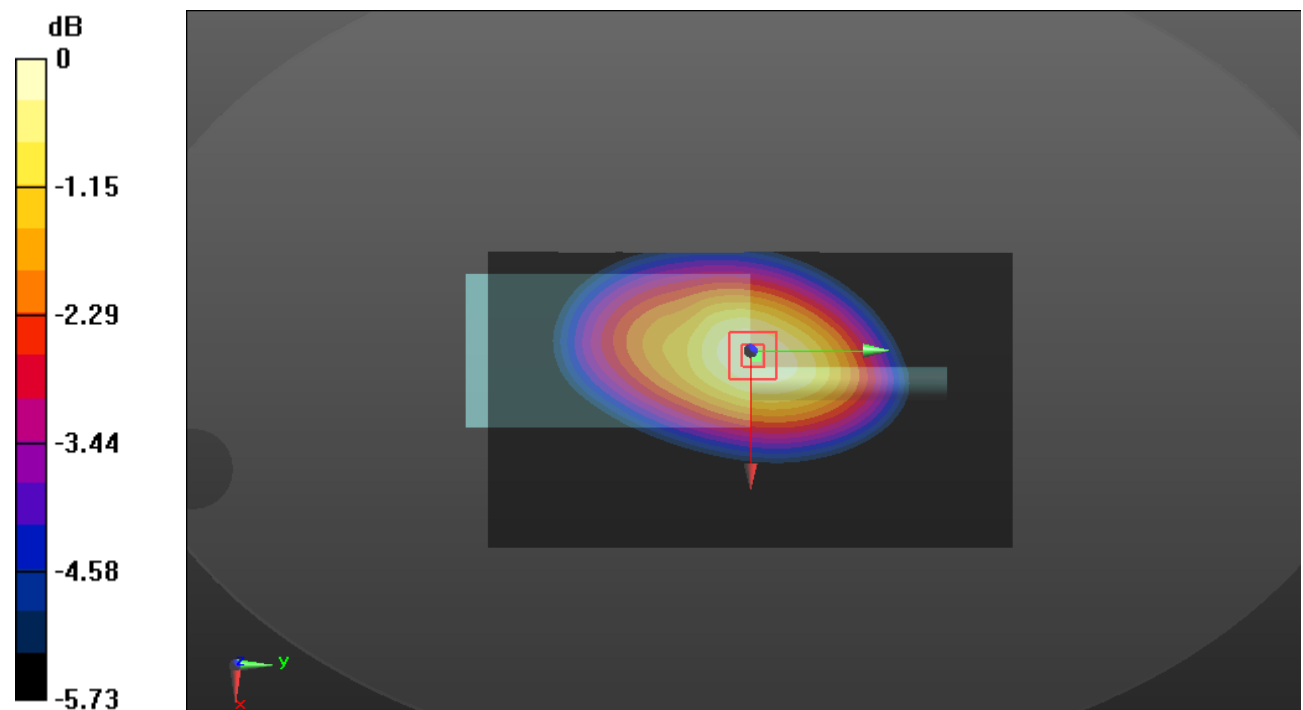
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.42 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 8.44 W/kg

**SAR(1 g) = 6.43 W/kg; SAR(10 g) = 4.78 W/kg**

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



0 dB = 6.79 W/kg = 8.32 dBW/kg

**Test Plot 14#: FM12.5kHz\_ 416MHz\_Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 416 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 43.729$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.53 W/kg

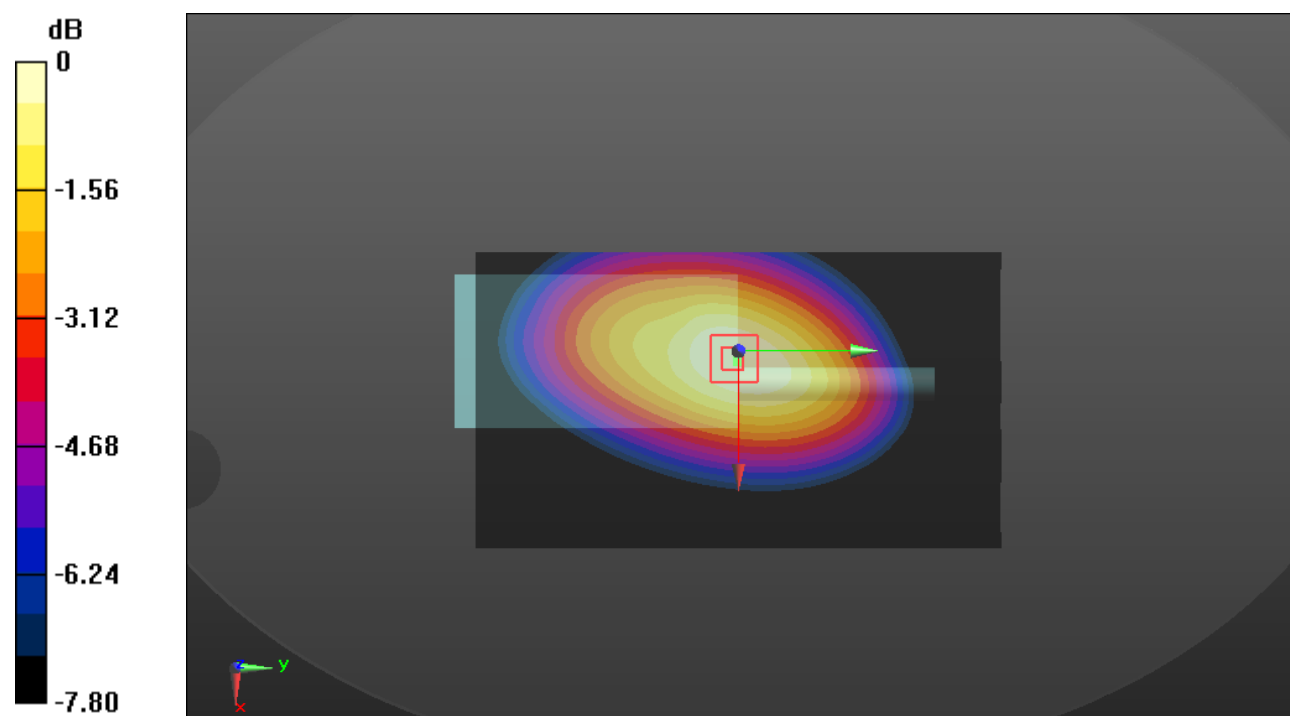
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.7 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 11.7 W/kg

**SAR(1 g) = 8.93 W/kg; SAR(10 g) = 6.63 W/kg**

Maximum value of SAR (measured) = 9.39 W/kg



0 dB = 9.39 W/kg = 9.73 dBW/kg

**Test Plot 15#: FM12.5kHz\_ 432MHz\_Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 432 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 432$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 43.477$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.04 W/kg

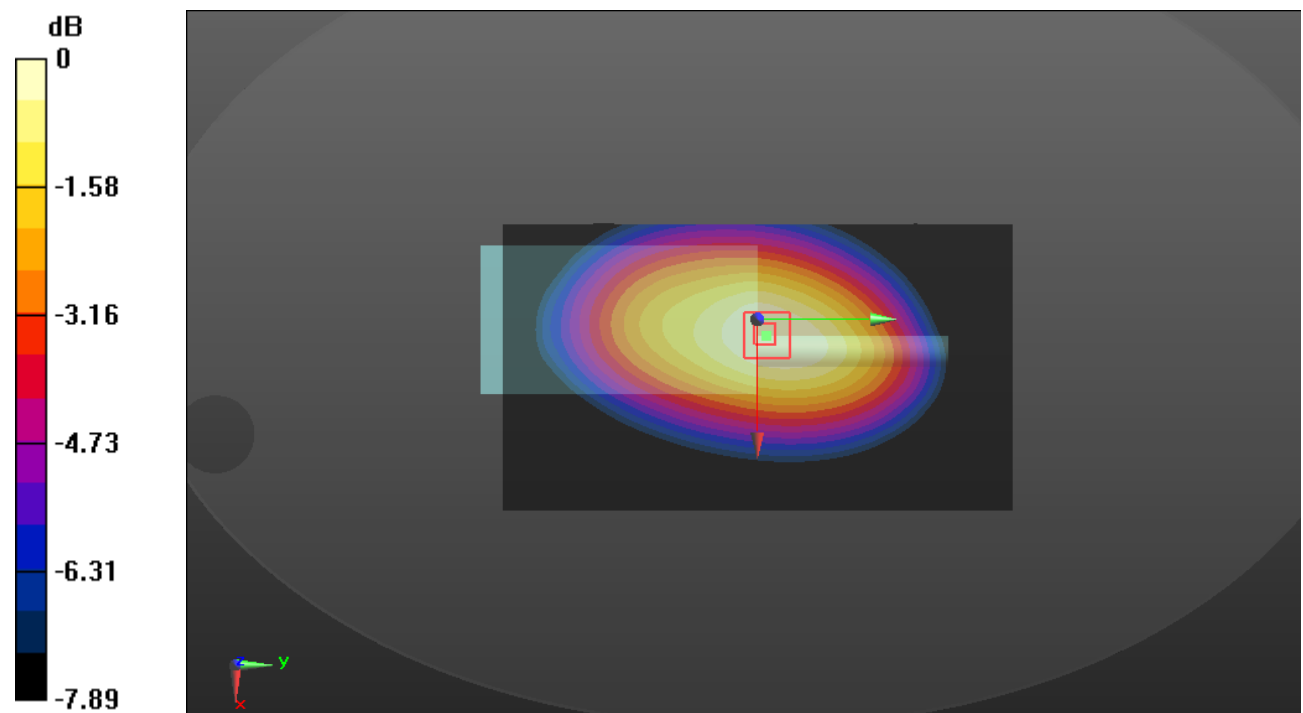
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.55 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 9.84 W/kg

**SAR(1 g) = 7.44 W/kg; SAR(10 g) = 5.51 W/kg**

Maximum value of SAR (measured) = 7.84 W/kg



0 dB = 7.84 W/kg = 8.94 dBW/kg

**Test Plot 16#: FM12.5kHz\_ 448MHz\_Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 448 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 448$  MHz;  $\sigma = 0.871$  S/m;  $\epsilon_r = 43.45$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 448 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.00 W/kg

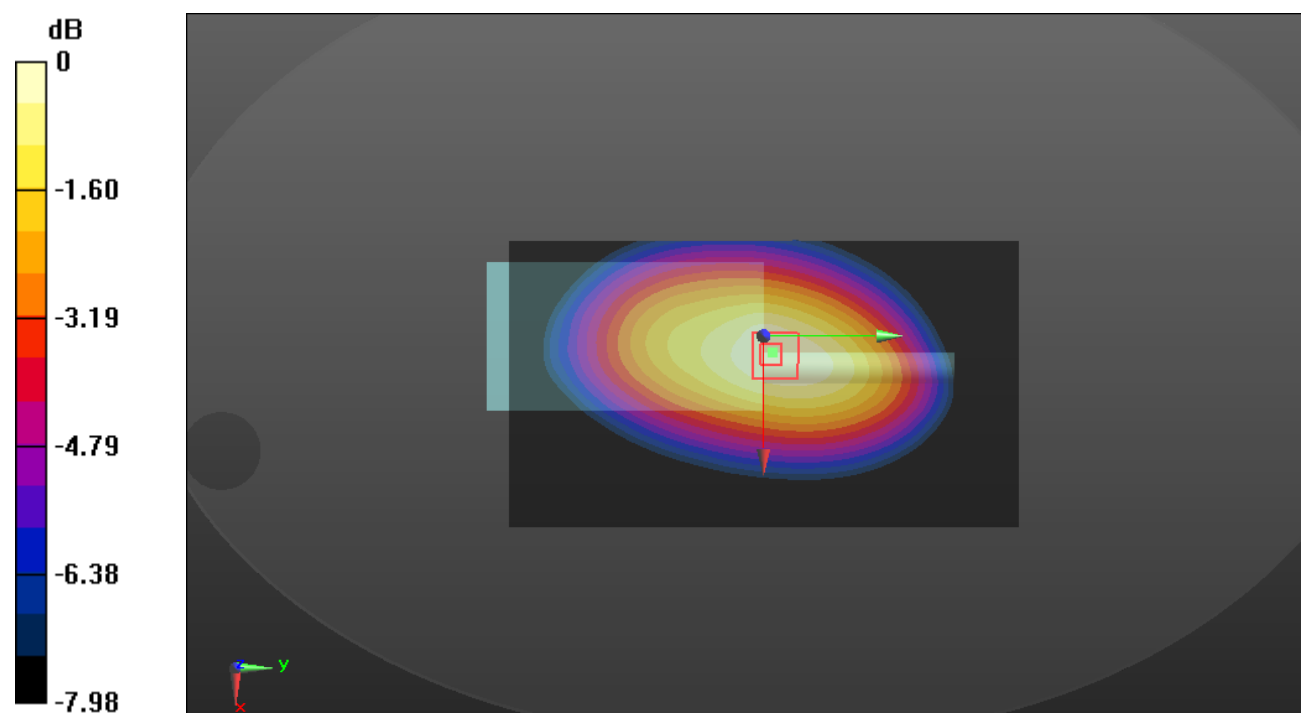
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.59 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 7.45 W/kg

**SAR(1 g) = 5.61 W/kg; SAR(10 g) = 4.14 W/kg**

Maximum value of SAR (measured) = 5.92 W/kg



0 dB = 5.92 W/kg = 7.72 dBW/kg



**Test Plot 17#: FM12.5kHz\_464MHz\_Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 464 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 464$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 42.432$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 464 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

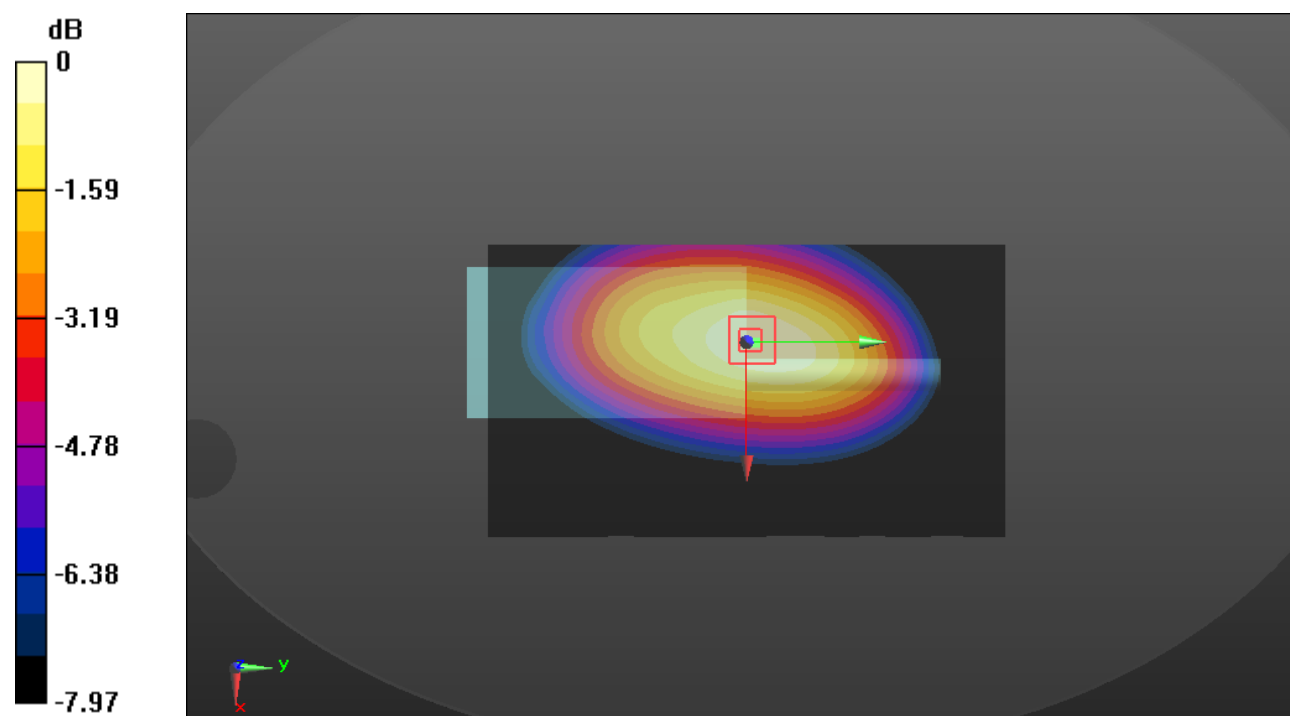
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.12 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 8.56 W/kg

**SAR(1 g) = 6.4 W/kg; SAR(10 g) = 4.71 W/kg**

Maximum value of SAR (measured) = 6.74 W/kg



0 dB = 6.74 W/kg = 8.29 dBW/kg

**Test Plot 18#: FM12.5kHz\_479.9875MHz\_Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 479.9875 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 479.9875$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 42.232$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.9875 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.75 W/kg

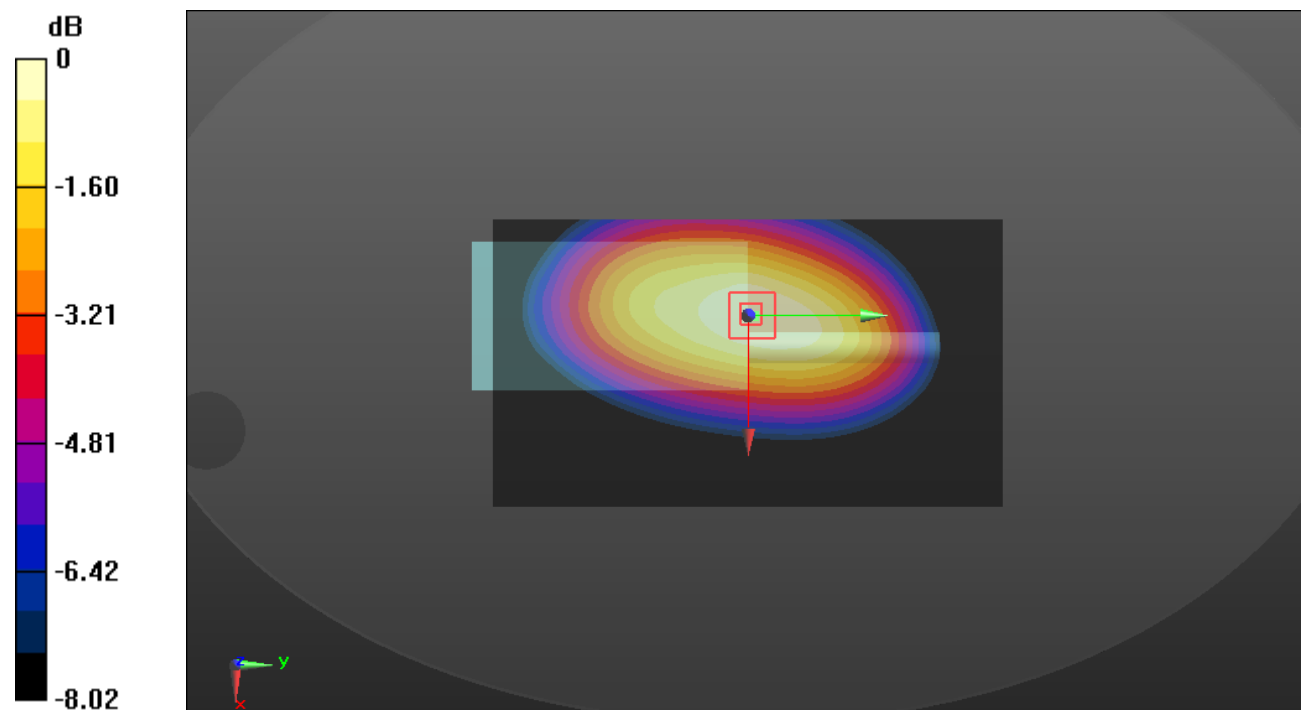
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.11 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.40 W/kg

**SAR(1 g) = 6.25 W/kg; SAR(10 g) = 4.6 W/kg**

Maximum value of SAR (measured) = 6.59 W/kg



0 dB = 6.59 W/kg = 8.19 dBW/kg

**Test Plot 19#:FM\_25kHz\_400.0125MHz\_Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 400.0125 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 400.0125$  MHz;  $\sigma = 0.842$  S/m;  $\epsilon_r = 44.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

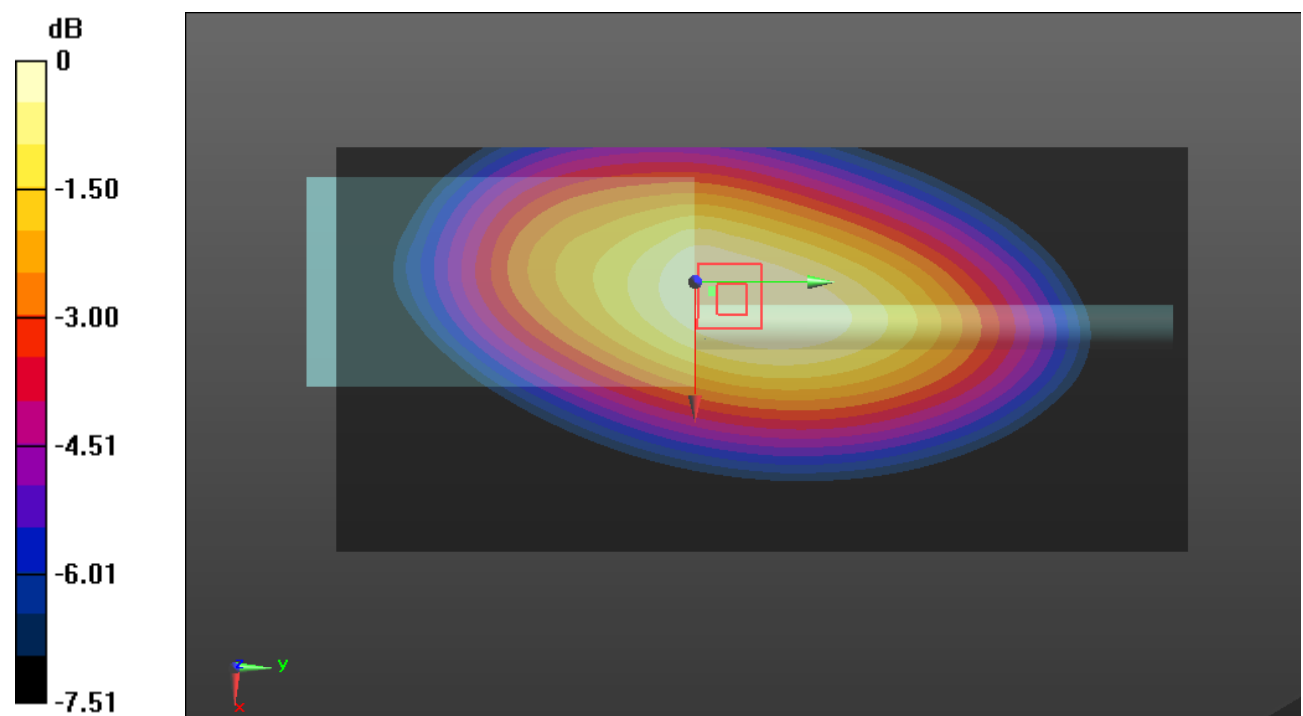
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.8 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 10.6 W/kg

**SAR(1 g) = 8.15 W/kg; SAR(10 g) = 6.11 W/kg**

Maximum value of SAR (measured) = 8.54 W/kg



0 dB = 8.54 W/kg = 9.31 dBW/kg

**Test Plot 20#: FM25kHz\_416MHz \_Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 416 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 416 \text{ MHz}$ ;  $\sigma = 0.862 \text{ S/m}$ ;  $\epsilon_r = 43.729$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x191x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

Maximum value of SAR (interpolated) = 7.74 W/kg

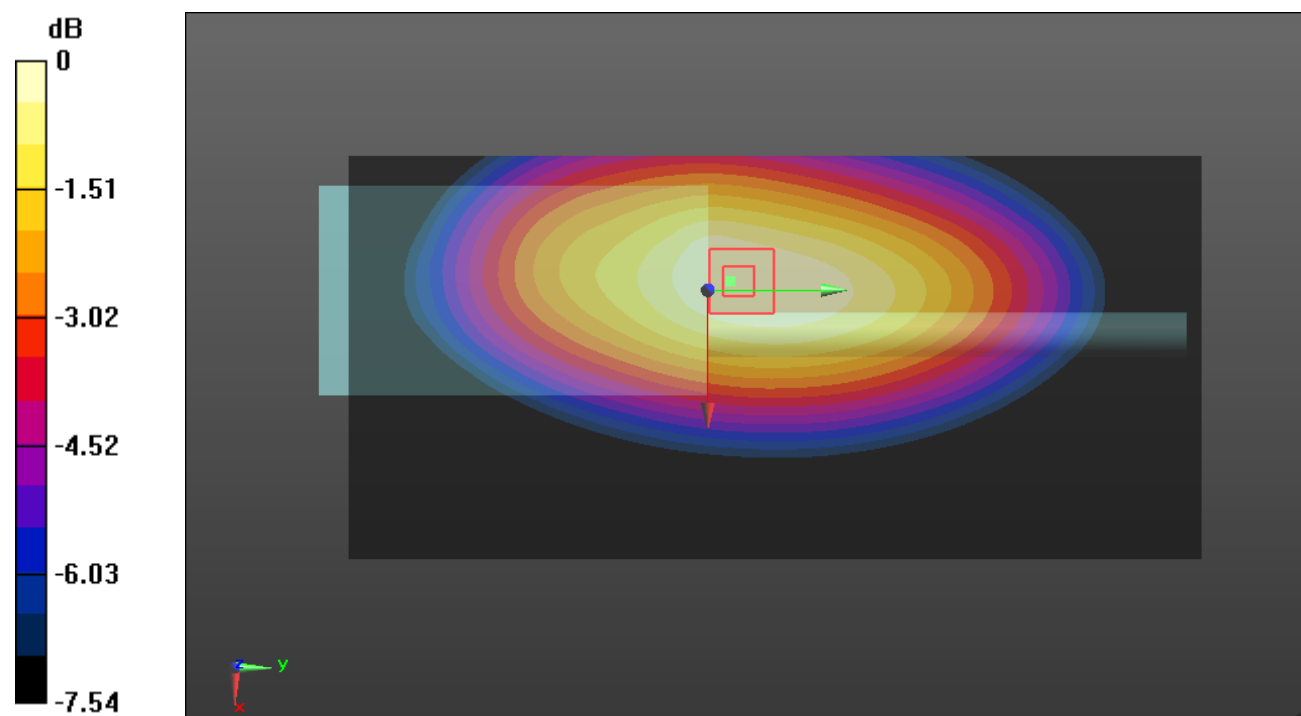
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 95.09 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 9.57 W/kg

**SAR(1 g) = 7.29 W/kg; SAR(10 g) = 5.45 W/kg**

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



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

**Test Plot 21#: FM25kHz\_432MHz \_Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 432 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 432$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 43.477$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.13 W/kg

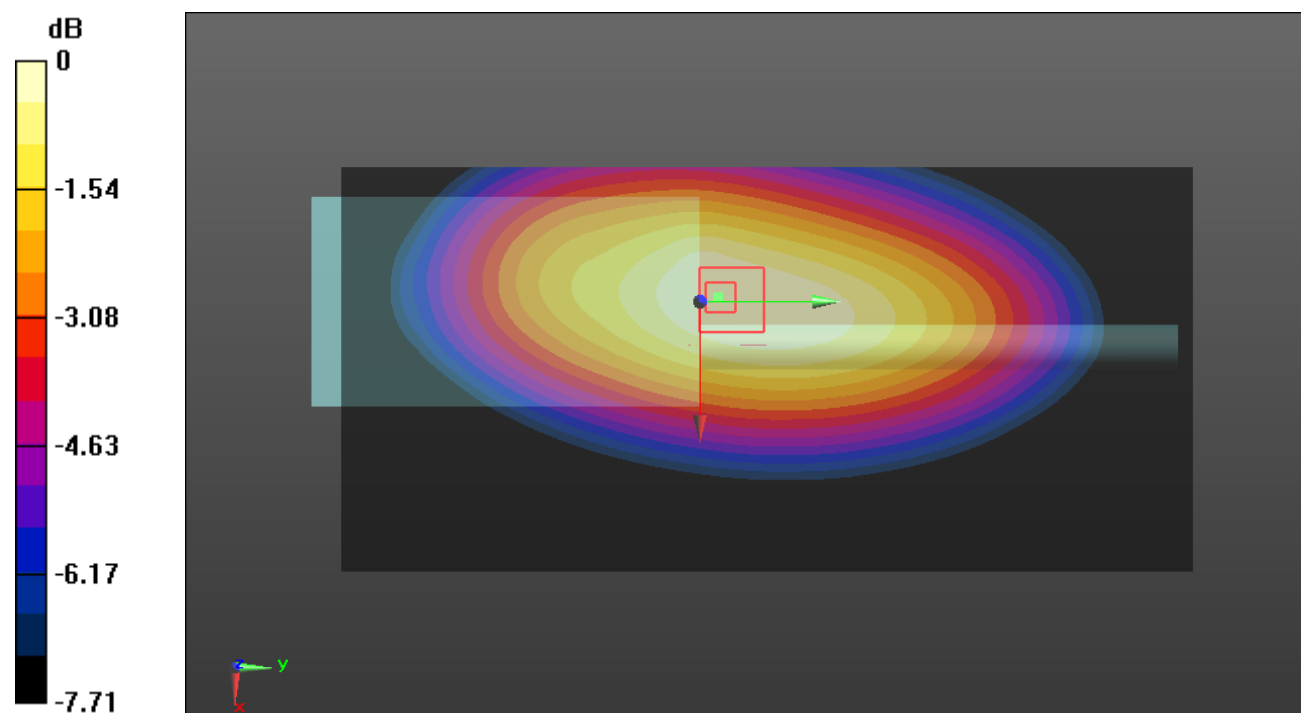
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.98 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 8.72 W/kg

**SAR(1 g) = 6.62 W/kg; SAR(10 g) = 4.93 W/kg**

Maximum value of SAR (measured) = 6.98 W/kg



0 dB = 6.98 W/kg = 8.44 dBW/kg

**Test Plot 22#: FM25kHz\_448MHz \_Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 448 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 448$  MHz;  $\sigma = 0.871$  S/m;  $\epsilon_r = 43.45$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 448 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.91 W/kg

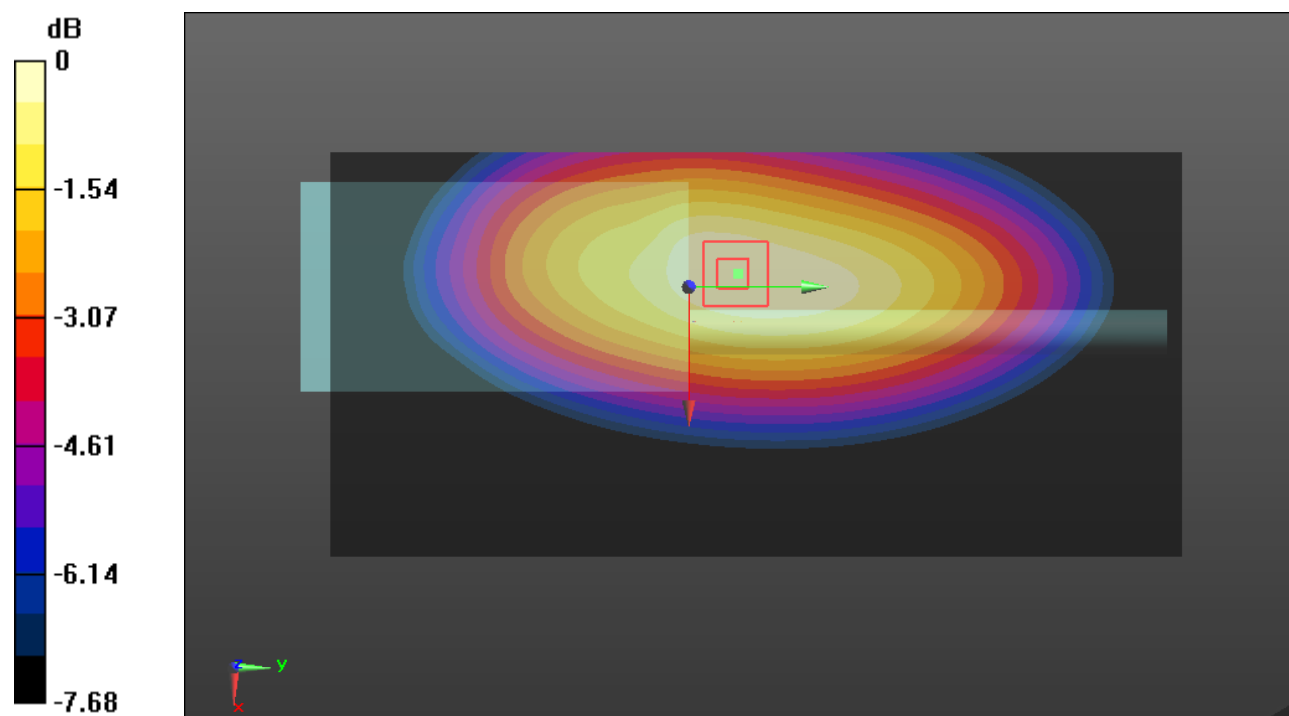
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.15 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 7.36 W/kg

**SAR(1 g) = 5.56 W/kg; SAR(10 g) = 4.14 W/kg**

Maximum value of SAR (measured) = 5.86 W/kg



0 dB = 5.86 W/kg = 7.68 dBW/kg

**Test Plot 23#: FM25kHz\_464MHz \_Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 464 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 464$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 42.432$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 464 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.77 W/kg

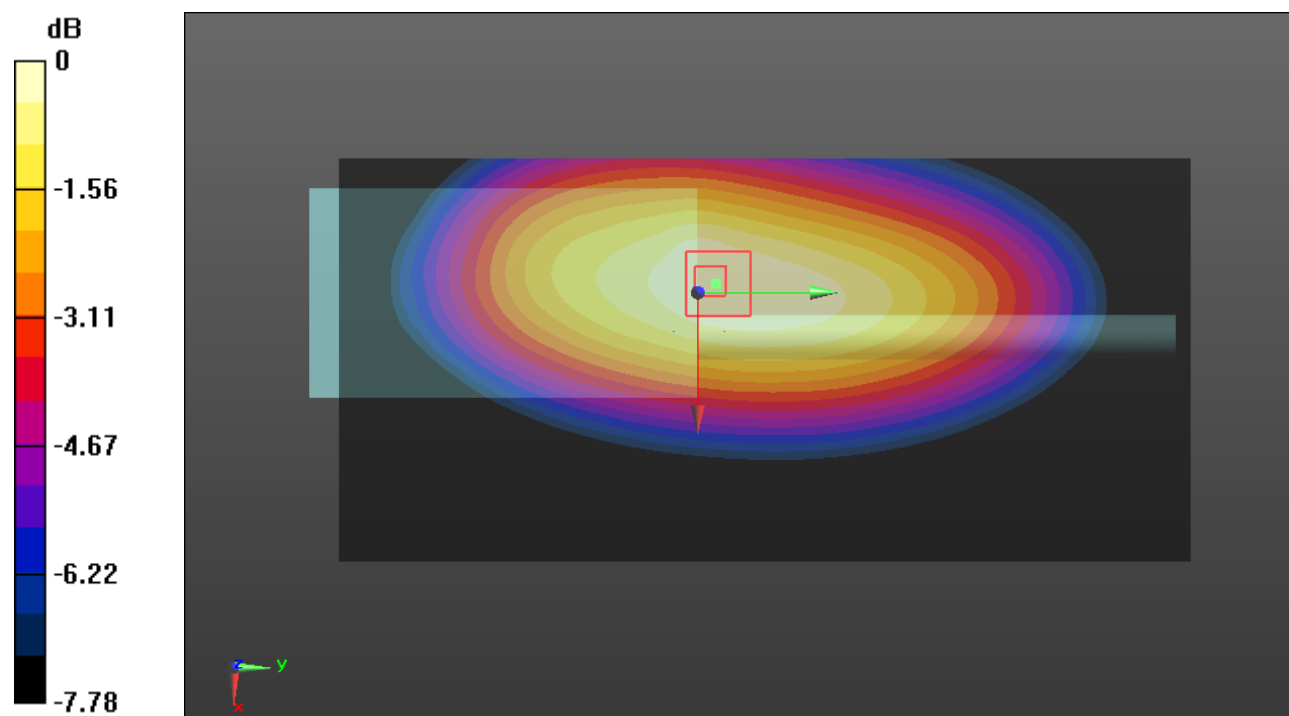
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.91 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 9.63 W/kg

**SAR(1 g) = 7.27 W/kg; SAR(10 g) = 5.39 W/kg**

Maximum value of SAR (measured) = 7.64 W/kg



0 dB = 7.64 W/kg = 8.83 dBW/kg

**Test Plot 24#: FM25kHz\_479.9875MHz \_Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: FM; Frequency: 479.9875 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 479.9875$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 42.232$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.9875 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.44 W/kg

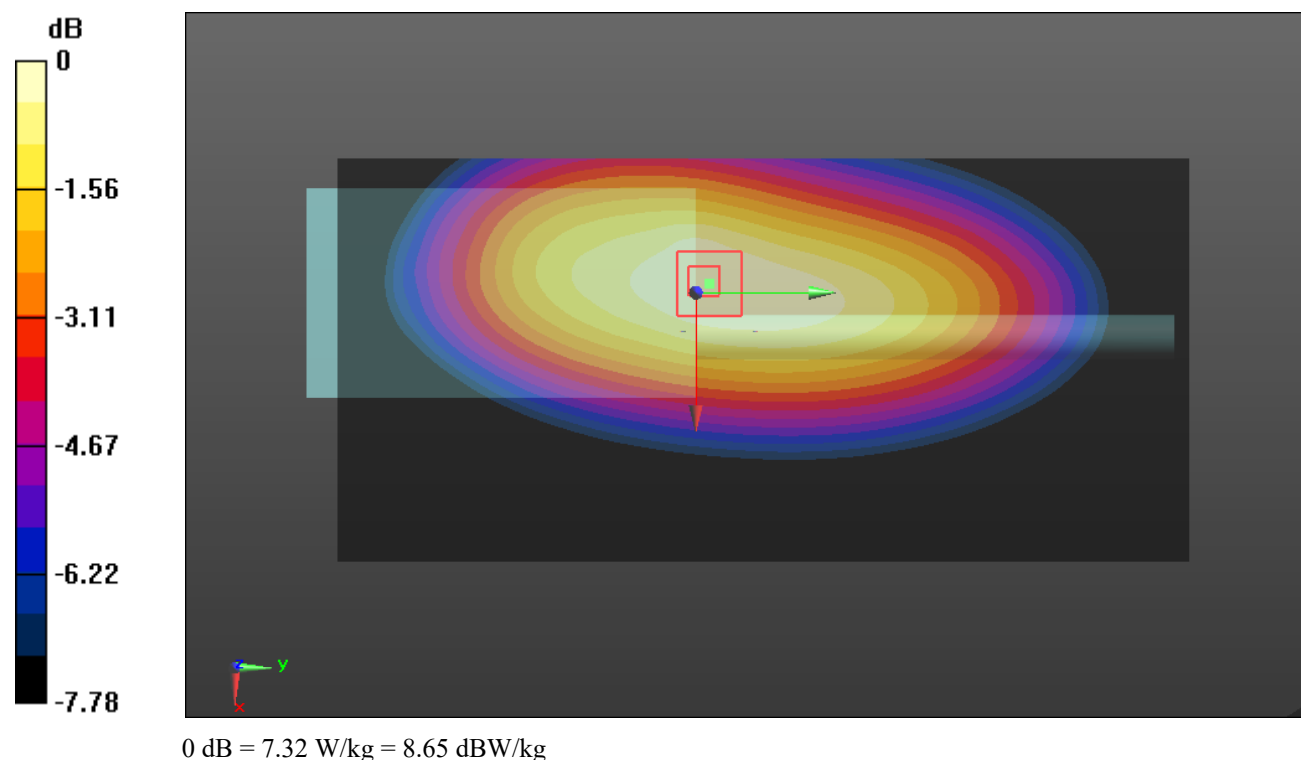
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.19 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 9.29 W/kg

**SAR(1 g) = 6.96 W/kg; SAR(10 g) = 5.15 W/kg**

Maximum value of SAR (measured) = 7.32 W/kg





**Test Plot 25#:FM\_25KHz\_400.0125MHz\_Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System:FM; Frequency: 400.0125 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 400.0125$  MHz;  $\sigma = 0.842$  S/m;  $\epsilon_r = 44.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.07 W/kg

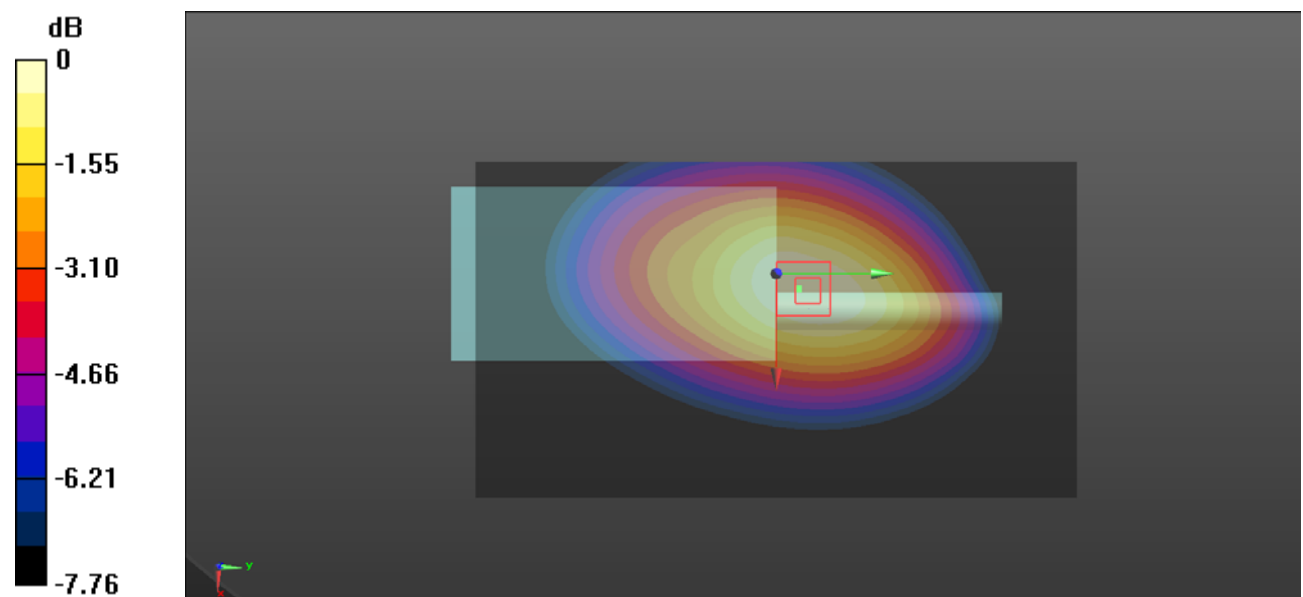
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.36 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 10.1 W/kg

**SAR(1 g) = 7.58 W/kg; SAR(10 g) = 5.61 W/kg**

Maximum value of SAR (measured) = 7.97 W/kg



0 dB = 7.97 W/kg = 9.01 dBW/kg

**Test Plot 26#:FM\_25KHz\_416MHz\_ Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System:FM; Frequency: 416 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 43.729$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

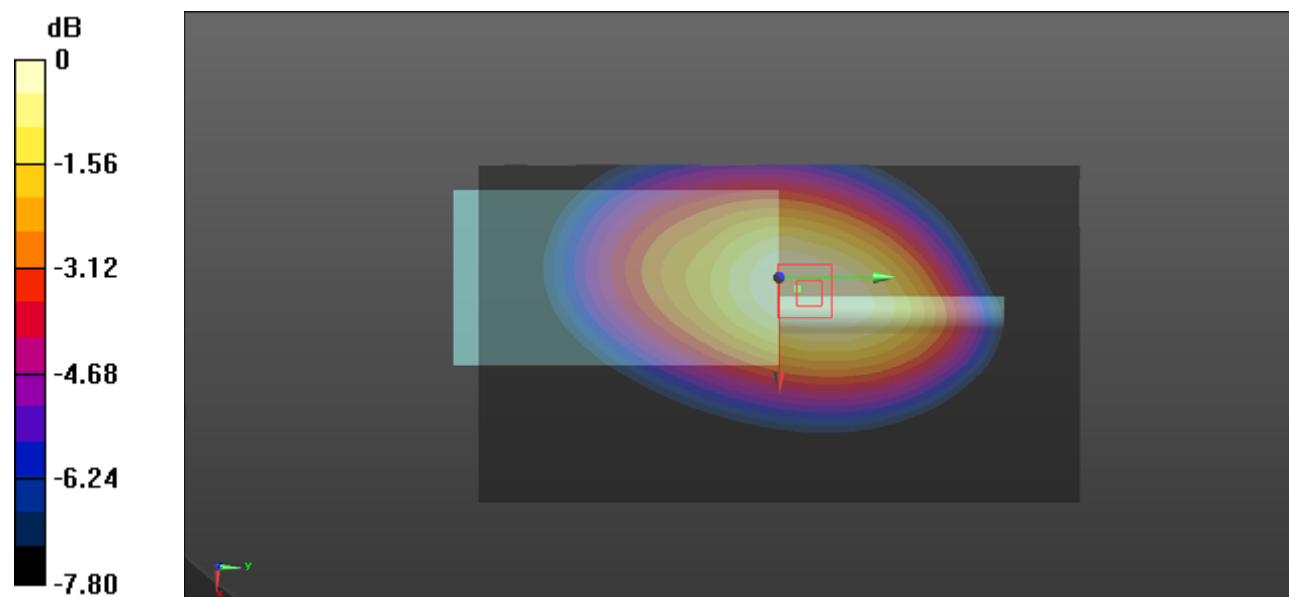
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 111.2 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 12.8 W/kg

**SAR(1 g) = 9.63 W/kg; SAR(10 g) = 7.1 W/kg**

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



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

**Test Plot 27#:FM\_25KHz\_432MHz\_ Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System:FM; Frequency: 432 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 432$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 43.477$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 432 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.55 W/kg

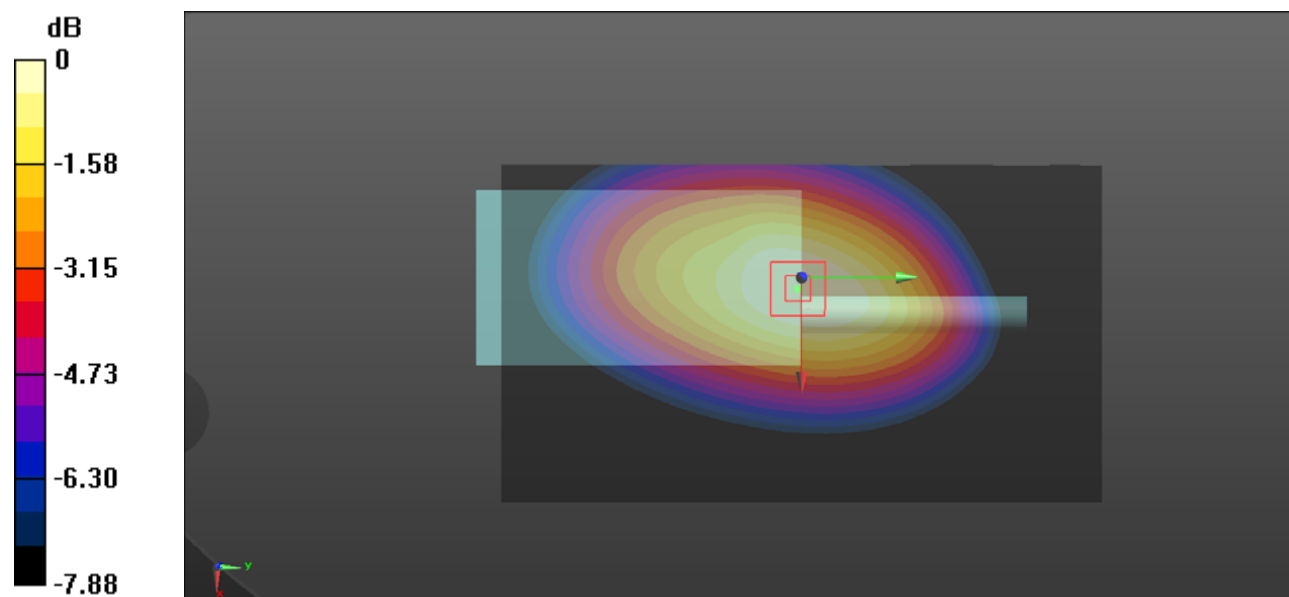
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.9 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 10.4 W/kg

**SAR(1 g) = 7.91 W/kg; SAR(10 g) = 5.86 W/kg**

Maximum value of SAR (measured) = 8.32 W/kg



0 dB = 8.32 W/kg = 9.20 dBW/kg

**Test Plot 28#:FM\_25KHz\_448MHz\_ Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System:FM; Frequency: 448 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 448$  MHz;  $\sigma = 0.871$  S/m;  $\epsilon_r = 43.45$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 448 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.13 W/kg

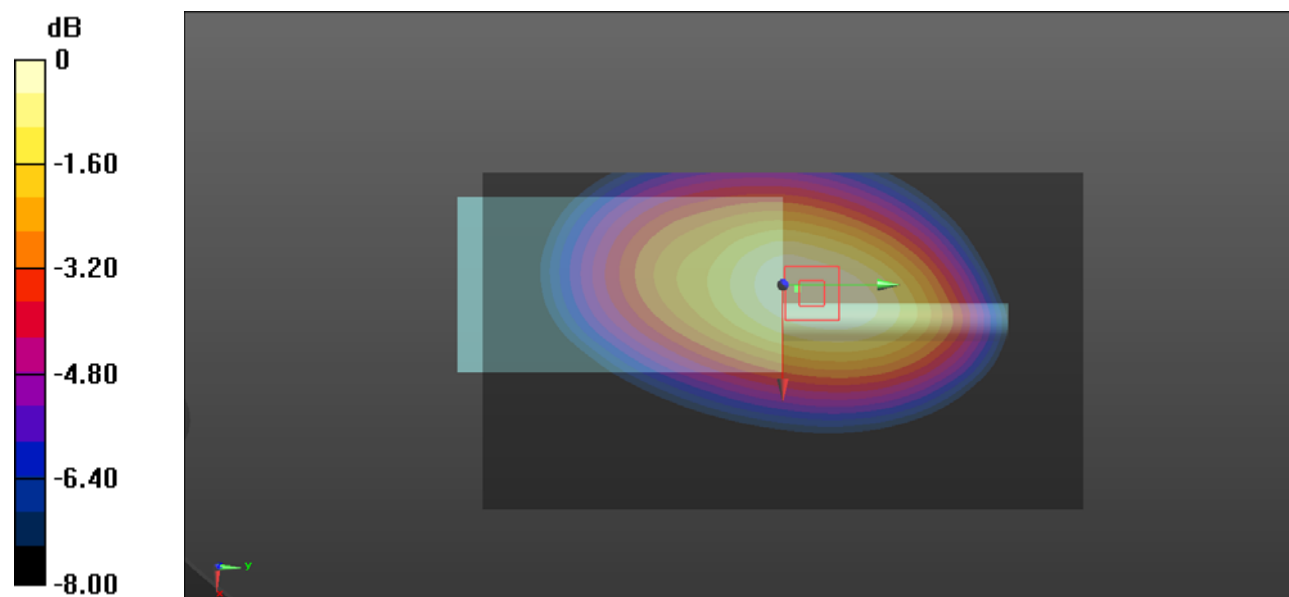
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.24 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 7.78 W/kg

**SAR(1 g) = 5.8 W/kg; SAR(10 g) = 4.26 W/kg**

Maximum value of SAR (measured) = 6.09 W/kg



0 dB = 6.09 W/kg = 7.85 dBW/kg

**Test Plot 29#:FM\_25KHz\_464MHz\_ Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System:FM; Frequency: 464 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 464 \text{ MHz}$ ;  $\sigma = 0.878 \text{ S/m}$ ;  $\epsilon_r = 42.432$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 464 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 (91x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

Maximum value of SAR (interpolated) = 6.92 W/kg

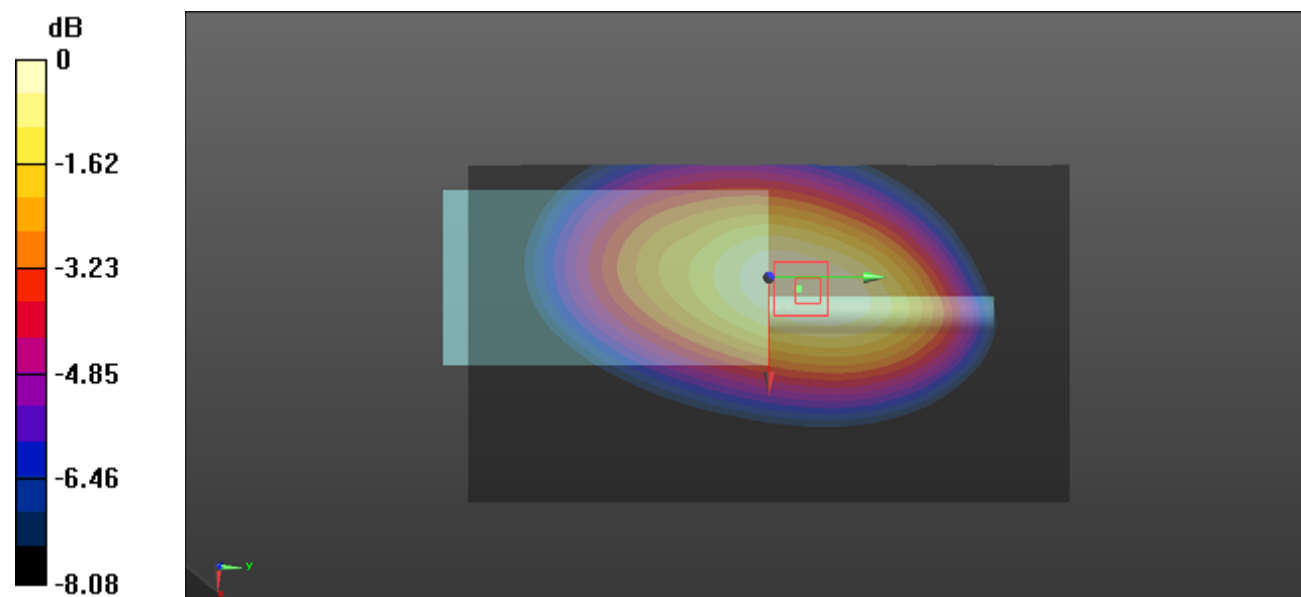
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 88.95 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 8.74 W/kg

**SAR(1 g) = 6.49 W/kg; SAR(10 g) = 4.77 W/kg**

Maximum value of SAR (measured) = 6.83 W/kg



0 dB = 6.83 W/kg = 8.34 dBW/kg

**Test Plot 30#:FM\_25KHz\_479.9875MHz\_Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System:FM; Frequency: 479.9875 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 479.9875$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 42.232$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 479.9875 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.10 W/kg

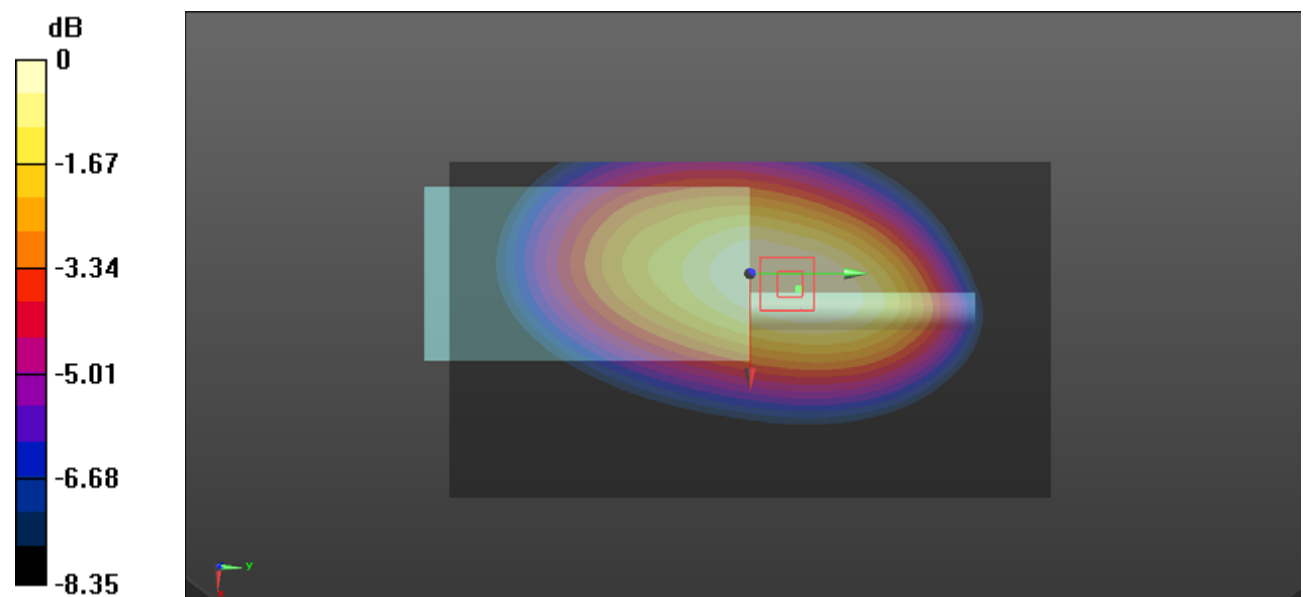
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.12 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 8.84 W/kg

**SAR(1 g) = 6.51 W/kg; SAR(10 g) = 4.76 W/kg**

Maximum value of SAR (measured) = 6.85 W/kg



0 dB = 6.85 W/kg = 8.36 dBW/kg

**Test Plot 31#:4FSK \_400.0125MHz \_Body Back\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System:4FSK; Frequency: 400.0125 MHz;Duty Cycle: 1:2

Medium parameters used:  $f = 400.0125$  MHz;  $\sigma = 0.842$  S/m;  $\epsilon_r = 44.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.14 W/kg

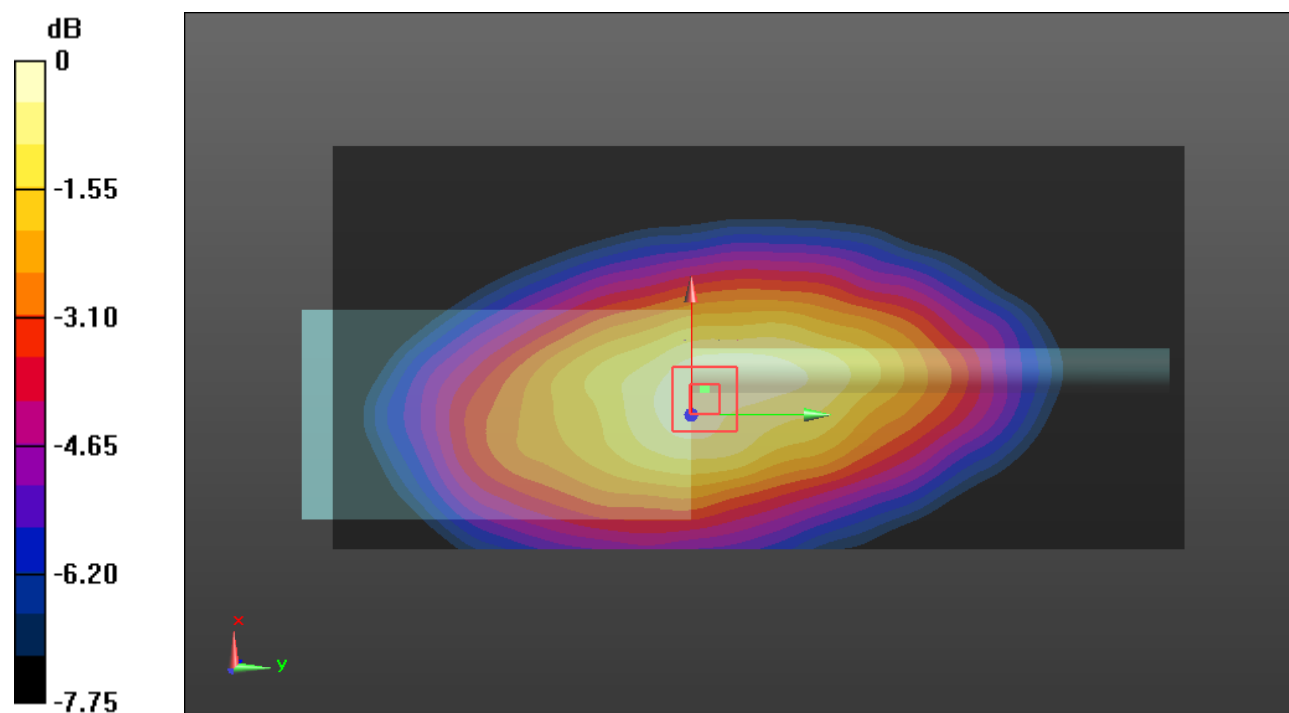
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 67.85 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 5.54 W/kg

**SAR(1 g) = 3.94 W/kg; SAR(10 g) = 2.88 W/kg**

Maximum value of SAR (measured) = 4.19 W/kg



0 dB = 4.19 W/kg = 6.22 dBW/kg

**Test Plot 32#: 4FSK \_400.0125MHz \_Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34323E-SA-S1**

Communication System: 4FSK; Frequency: 416 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 43.729$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

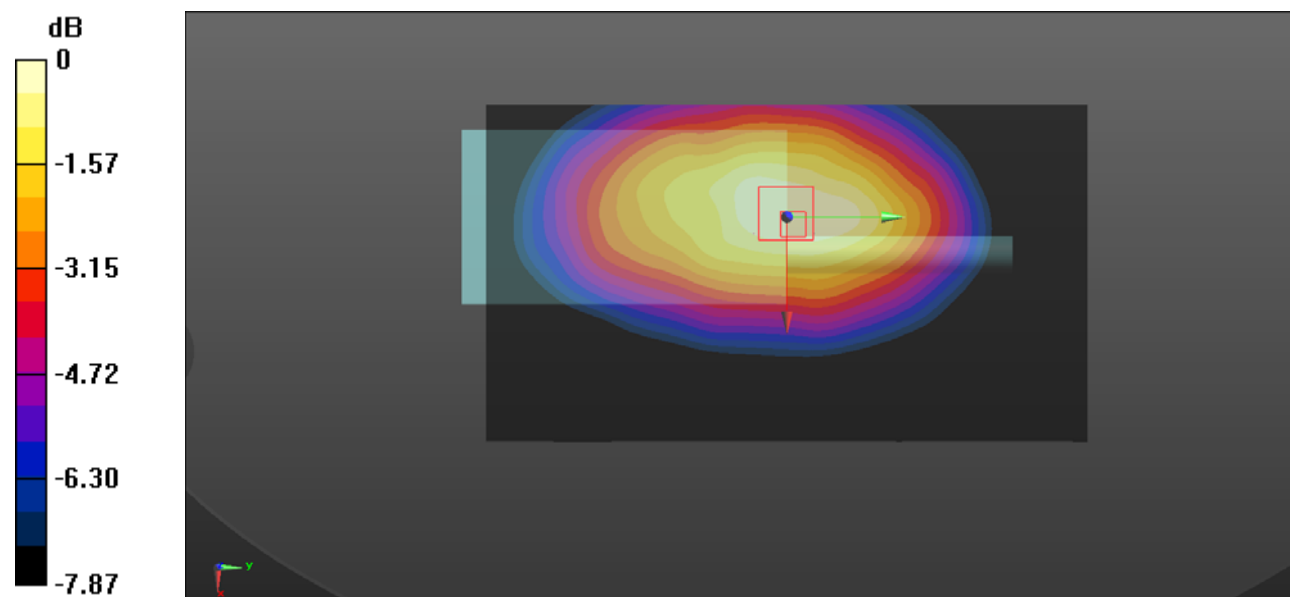
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 74.59 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 5.65 W/kg

**SAR(1 g) = 4.38 W/kg; SAR(10 g) = 3.28 W/kg**

Maximum value of SAR (measured) = 4.71 W/kg



0 dB = 4.71 W/kg = 6.73 dBW/kg



**Test Plot 33#:FM\_12.5kHz\_400.0125MHz \_ Back with Accessory\_ANT1****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34322E-SA-S1**

Communication System: FM; Frequency: 400.0125 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.842$  S/m;  $\epsilon_r = 44.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.6 W/kg

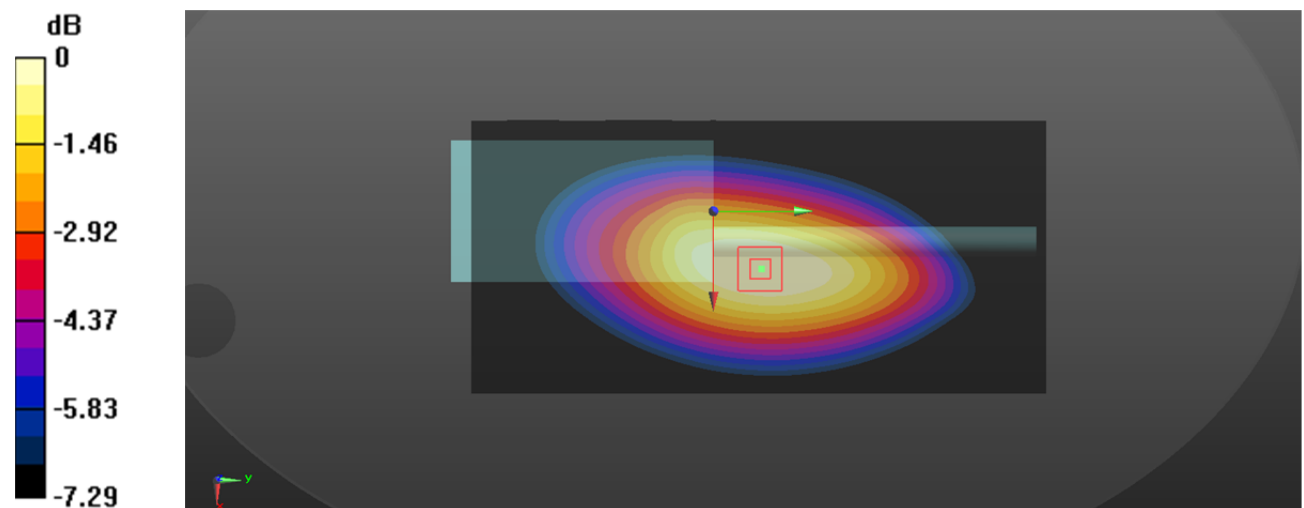
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.82 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 11.5 W/kg

**SAR(1 g) = 8.72 W/kg; SAR(10 g) = 6.16 W/kg**

Maximum value of SAR (measured) = 9.23 W/kg



0 dB = 9.23 W/kg = 9.65 dBW/kg

**Test Plot 34#: FM\_12.5kHz\_ 416MHz\_ Back with Accessory\_ANT2****DUT: Two way radio; Type: T03-00312-GCDA; Serial: DG2210813-34322E-SA-S1**

Communication System: FM; Frequency: 416 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 416 \text{ MHz}$ ;  $\sigma = 0.862 \text{ S/m}$ ;  $\epsilon_r = 43.729$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

Maximum value of SAR (interpolated) = 10.2 W/kg

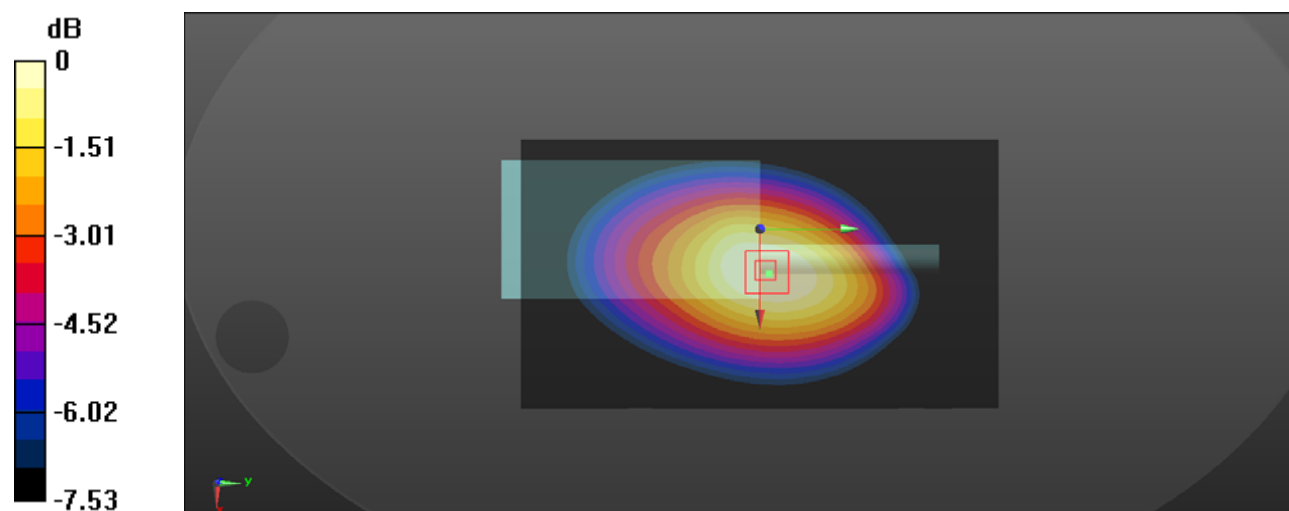
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 89.68 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 12.2 W/kg

**SAR(1 g) = 9.38 W/kg; SAR(10 g) = 6.99 W/kg**

Maximum value of SAR (measured) = 9.87 W/kg



0 dB = 9.87 W/kg = 9.94 dBW/kg

**Test Plot 35#:FM\_12.5kHz\_400.0125MHz \_ Face Up \_ANT1****DUT: Two way radio; Type: T03-00312-GBEA; Serial: DG2210813-34323E-SA-S2**

Communication System: FM ; Frequency: 400.0125 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.04 W/kg

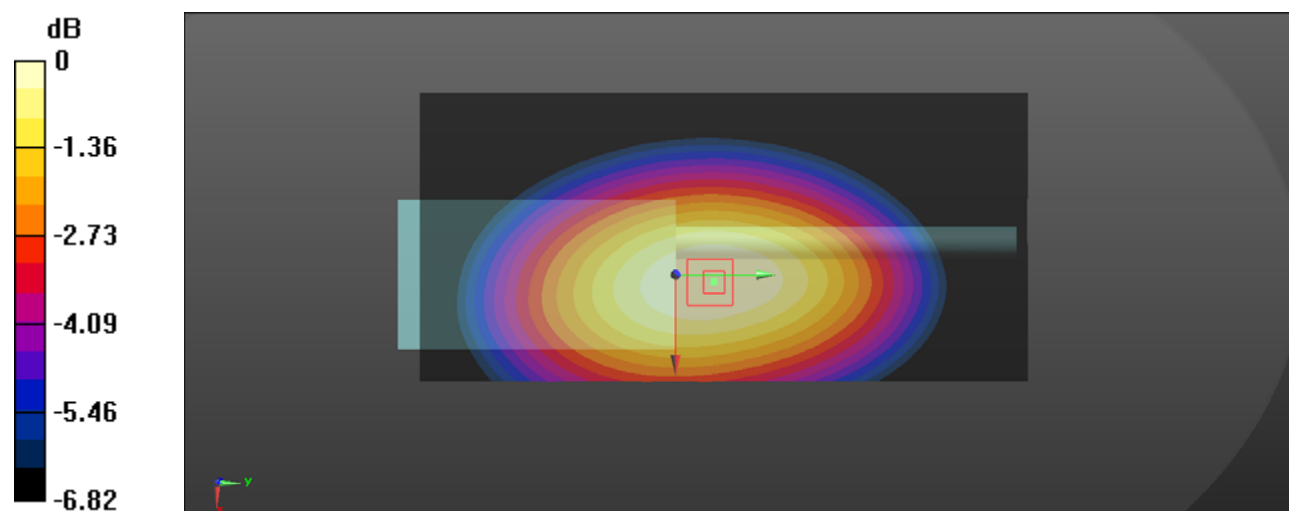
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 76.92 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 5.98 W/kg

**SAR(1 g) = 4.69 W/kg; SAR(10 g) = 3.6 W/kg**

Maximum value of SAR (measured) = 4.91 W/kg



0 dB = 4.91 W/kg = 6.91 dBW/kg

**Test Plot 36#: FM\_12.5kHz\_416MHz\_Face Up\_ANT2****DUT: Two way radio; Type: T03-00312-GBEA; Serial: DG2210813-34323E-SA-S2**

Communication System: FM ; Frequency: 416 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 45.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.07 W/kg

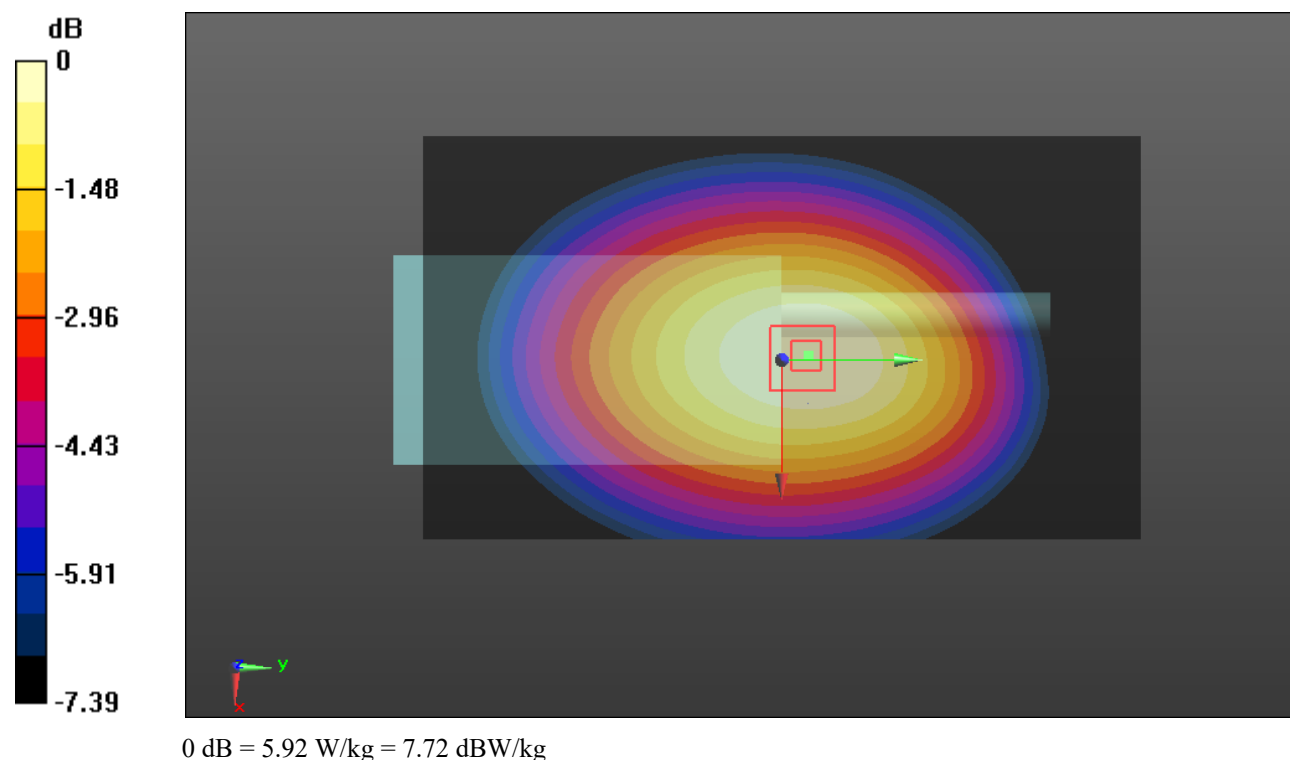
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.96 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 7.26 W/kg

**SAR(1 g) = 5.64 W/kg; SAR(10 g) = 4.29 W/kg**

Maximum value of SAR (measured) = 5.92 W/kg



**Test Plot 37#: FM\_25kHz\_400.0125MHz \_ Face Up \_ANT1****DUT: Two way radio; Type: T03-00312-GBEA; Serial: DG2210813-34323E-SA-S2**

Communication System: FM ; Frequency: 400.0125 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.98 W/kg

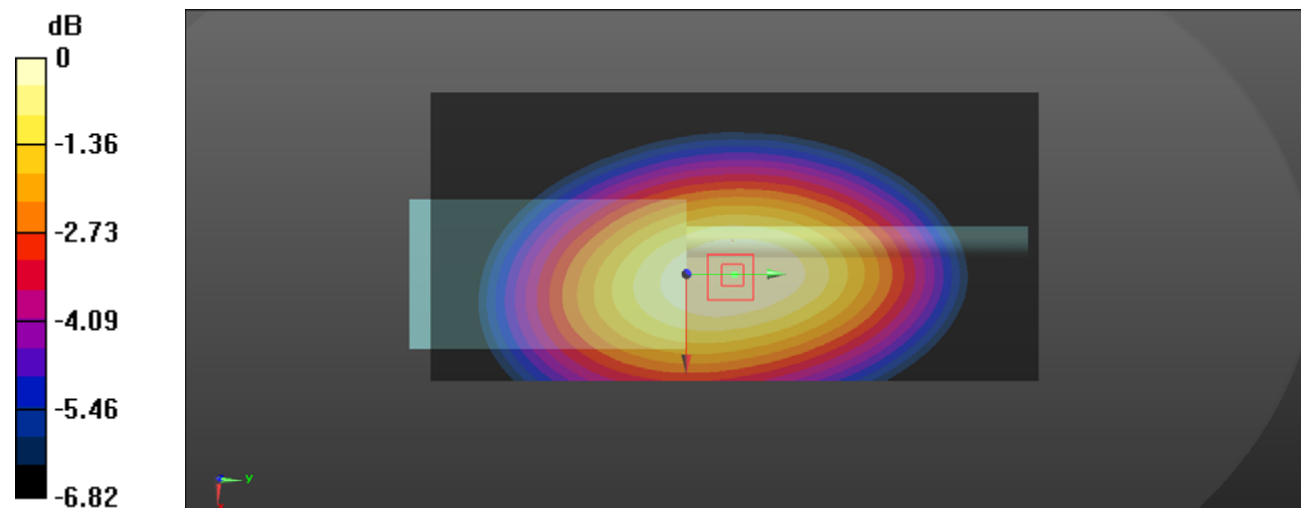
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 75.31 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 5.89 W/kg

**SAR(1 g) = 4.64 W/kg; SAR(10 g) = 3.57 W/kg**

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



0 dB = 4.86 W/kg = 6.87 dBW/kg

**Test Plot 38#:FM\_25kHz\_416MHz\_Face Up\_ANT2****DUT: Two way radio; Type: T03-00312-GBEA; Serial: DG2210813-34323E-SA-S2**

Communication System: FM ; Frequency: 416 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 45.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.60 W/kg

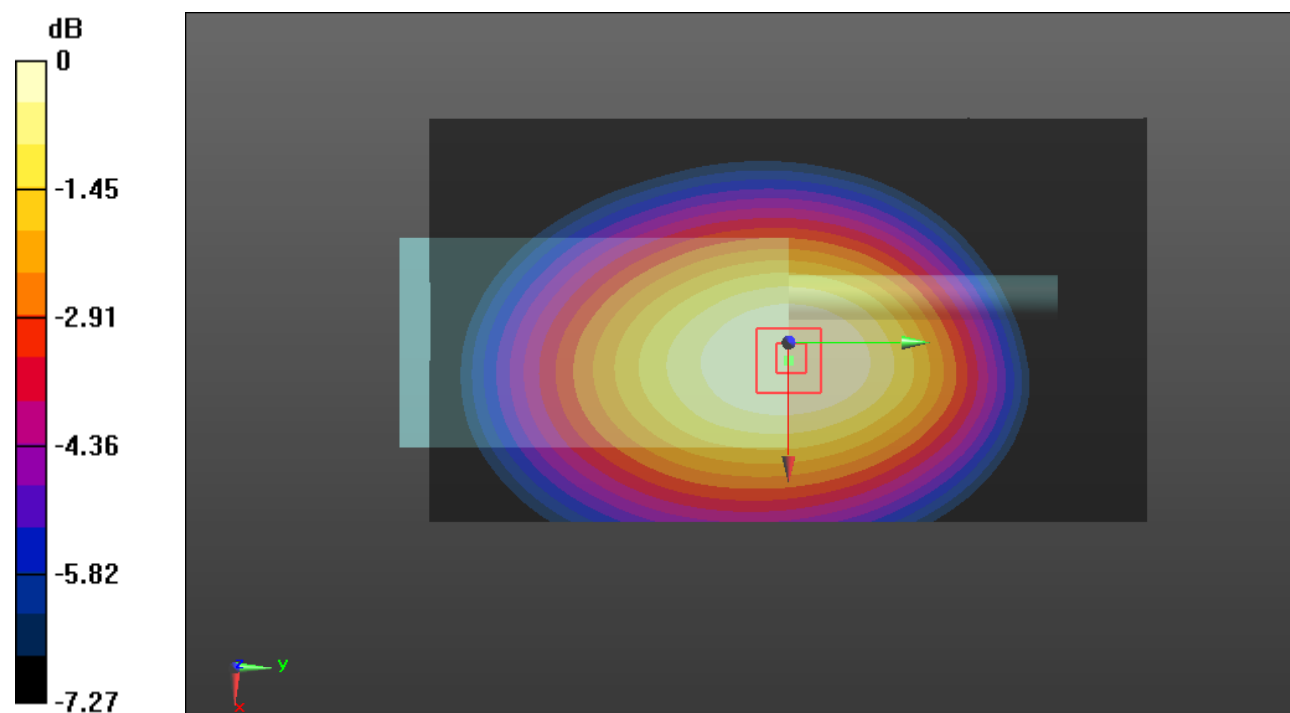
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.64 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 7.78 W/kg

**SAR(1 g) = 6.04 W/kg; SAR(10 g) = 4.59 W/kg**

Maximum value of SAR (measured) = 6.34 W/kg



0 dB = 6.34 W/kg = 8.02 dBW/kg

**Test Plot 39#: 4FSK\_400.0125MHz \_ Face Up \_ANT1****DUT: Two way radio; Type: T03-00312-GBEA; Serial: DG2210813-34323E-SA-S2**

Communication System: 4FSK; Frequency: 400.0125 MHz; Duty Cycle: 1:2

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

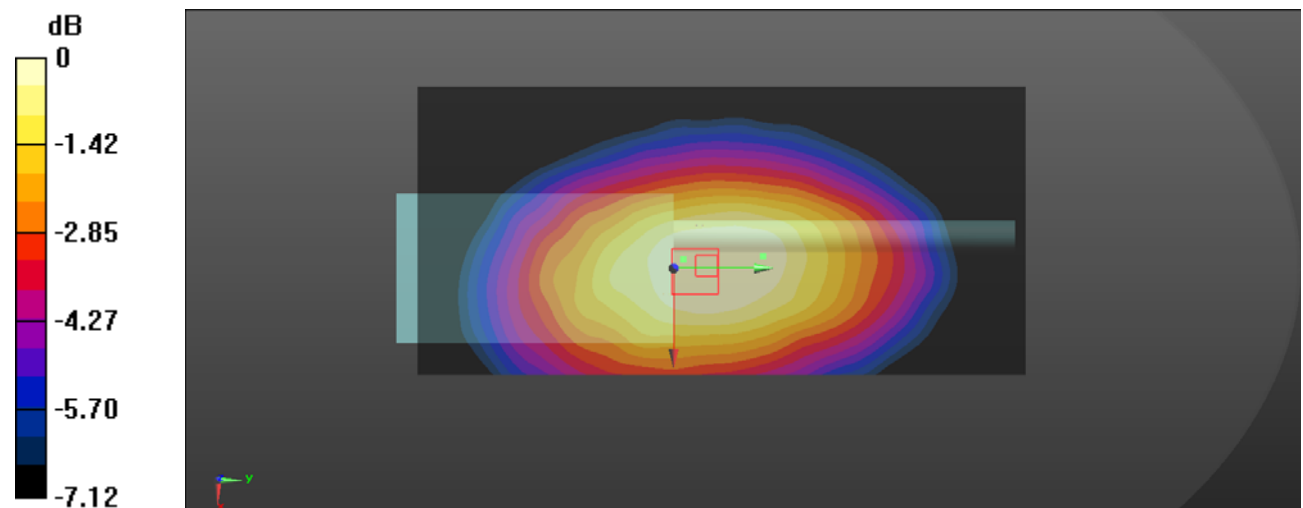
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.32 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.19 W/kg

**SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.85 W/kg**

Maximum value of SAR (measured) = 2.54 W/kg



0 dB = 2.54 W/kg = 4.05 dBW/kg

**Test Plot 40#: 4FSK\_416MHz\_ Face Up \_ANT2****DUT: Two way radio; Type: T03-00312-GBEA; Serial: DG2210813-34323E-SA-S2**

Communication System: 4FSK; Frequency: 416 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 45.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.12 W/kg

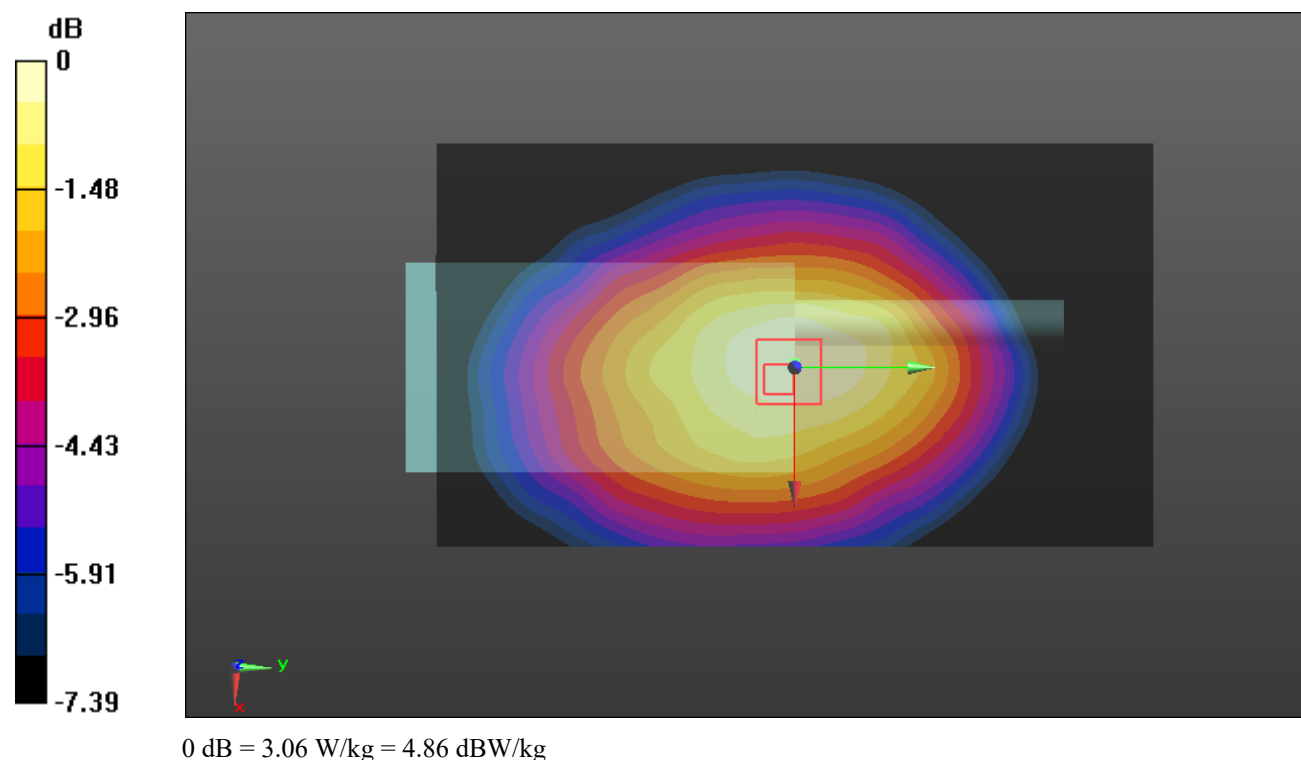
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 61.03 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.04 W/kg

**SAR(1 g) = 2.87 W/kg; SAR(10 g) = 2.17 W/kg**

Maximum value of SAR (measured) = 3.06 W/kg





**Test Plot 41#: FM\_12.5kHz\_400.0125MHz \_ Body Back \_ANT1****DUT: Two way radio; Type: T03-00312-GBEA; Serial: DG2210813-34323E-SA-S2**

Communication System: FM ; Frequency: 400.0125 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.55 W/kg

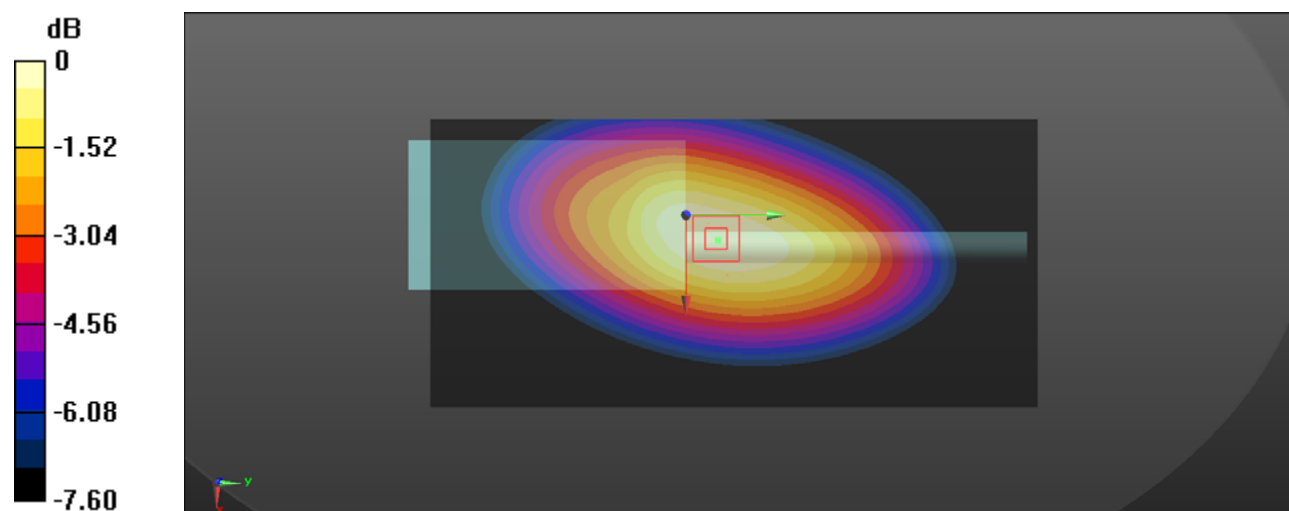
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.0 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 10.5 W/kg

**SAR(1 g) = 7.99 W/kg; SAR(10 g) = 5.97 W/kg**

Maximum value of SAR (measured) = 8.43 W/kg



0 dB = 8.43 W/kg = 9.26 dBW/kg

**Test Plot 42#: FM\_12.5kHz\_416MHz\_Body Back\_ANT2****DUT: Two way radio; Type: T03-00312-GBEA; Serial: DG2210813-34323E-SA-S2**

Communication System: FM ; Frequency: 416 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 45.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

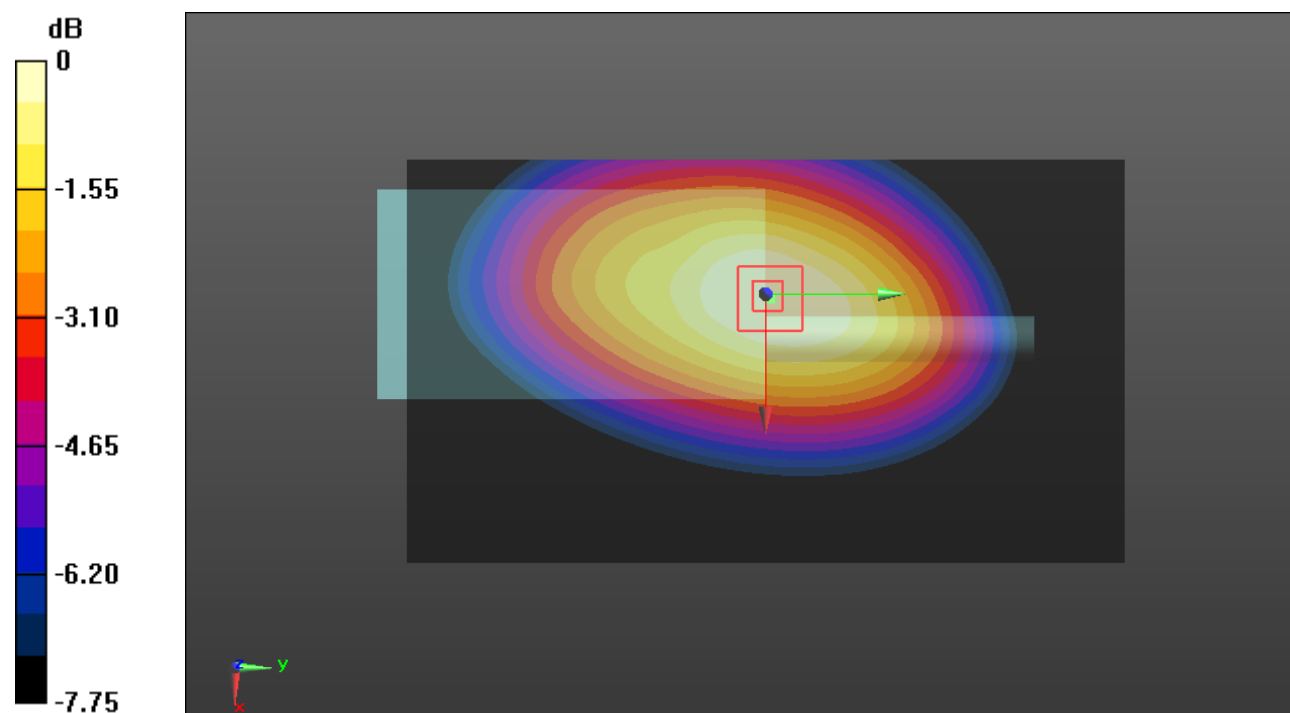
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 115.5 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 12.6 W/kg

**SAR(1 g) = 9.58 W/kg; SAR(10 g) = 7.11 W/kg**

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



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

**Test Plot 43#: FM\_25kHz\_400.0125MHz \_ Body Back \_ANT1****DUT: Two way radio; Type: T03-00312-GBEA; Serial: DG2210813-34323E-SA-S2**

Communication System: FM ; Frequency: 400.0125 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.39 W/kg

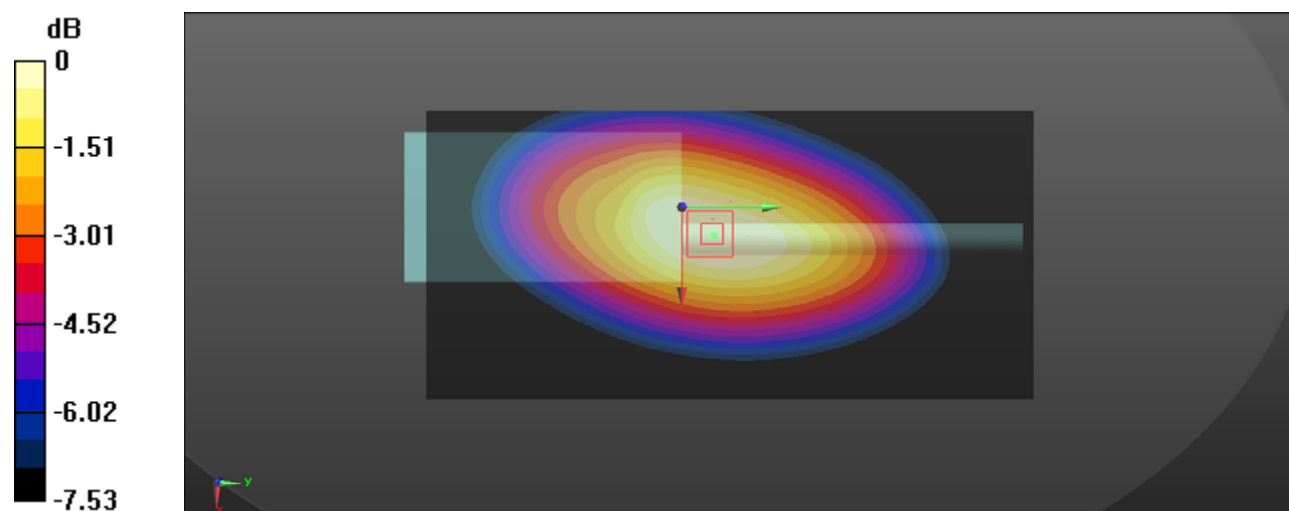
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.3 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 11.2 W/kg

**SAR(1 g) = 8.55 W/kg; SAR(10 g) = 6.4 W/kg**

Maximum value of SAR (measured) = 9.01 W/kg



0 dB = 9.01 W/kg = 9.55 dBW/kg

**Test Plot 44#: FM\_25kHz\_416MHz\_ Body Back \_ANT2****DUT: Two way radio; Type: T03-00312-GBEA; Serial: DG2210813-34323E-SA-S2**

Communication System: FM ; Frequency: 416 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 416$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 45.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

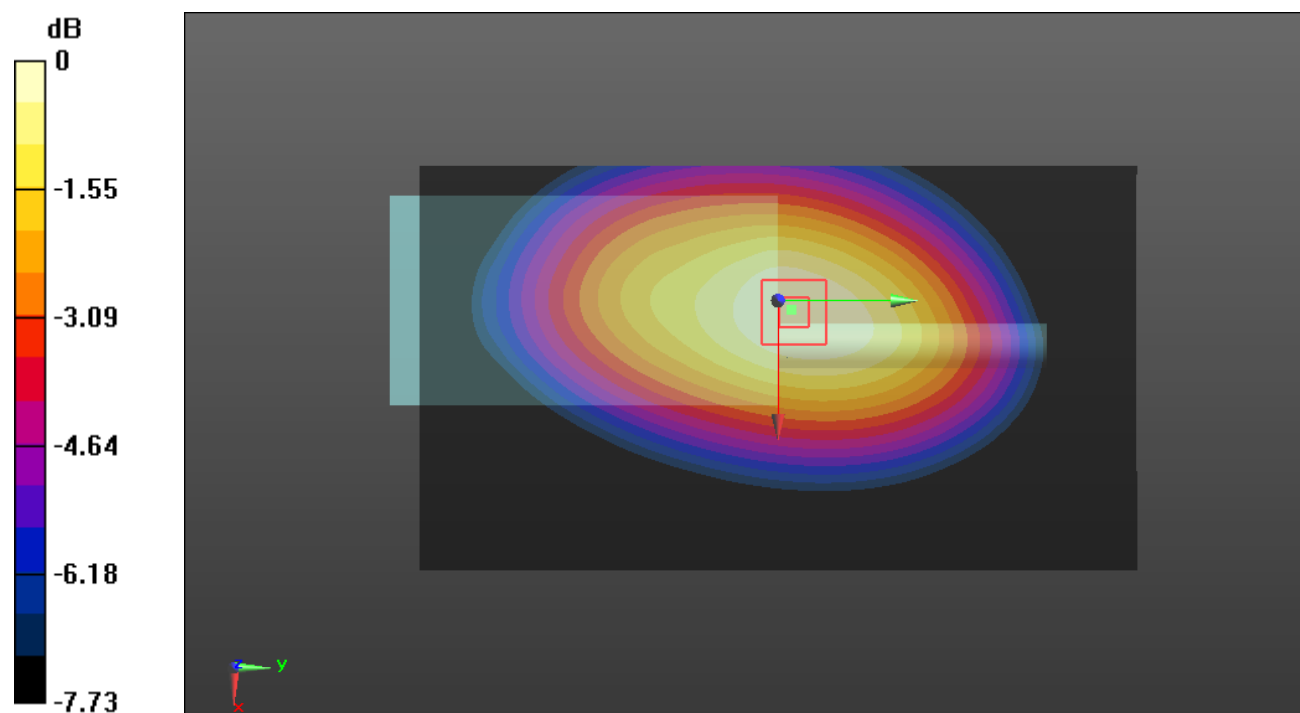
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 112.8 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 12.6 W/kg

**SAR(1 g) = 9.25 W/kg; SAR(10 g) = 6.76 W/kg**

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



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

**Test Plot 45#: 4FSK\_400.0125MHz \_ Body Back \_ANT1****DUT: Two way radio; Type: T03-00312-GBEA; Serial: DG2210813-34323E-SA-S2**

Communication System: 4FSK; Frequency: 400.0125 MHz; Duty Cycle: 1:2

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.72 W/kg

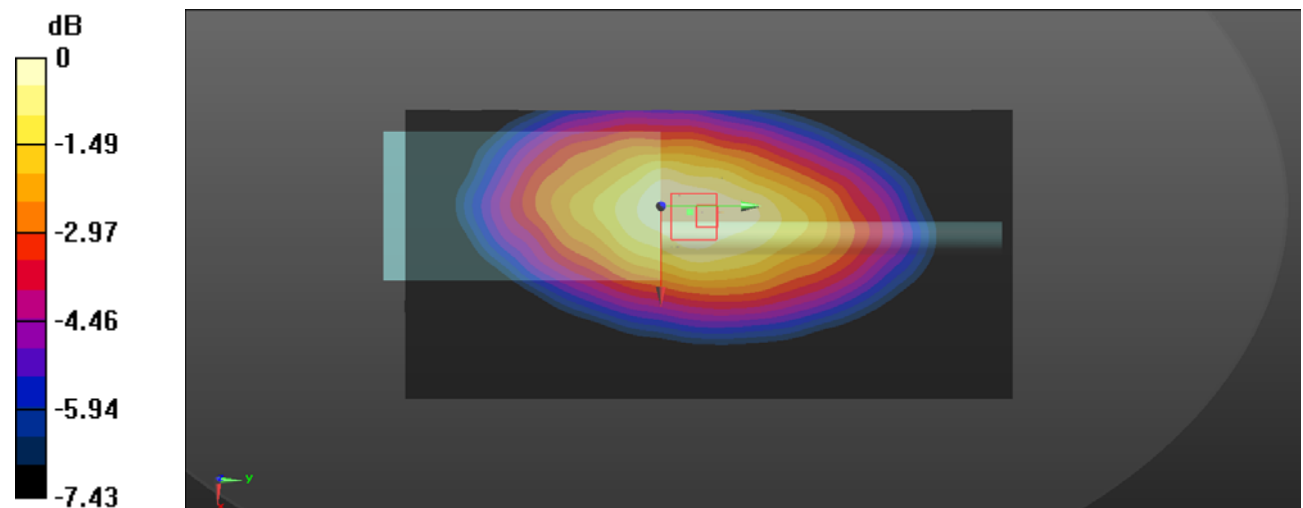
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 75.04 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.06 W/kg

**SAR(1 g) = 4.27 W/kg; SAR(10 g) = 3.18 W/kg**

Maximum value of SAR (measured) = 4.56 W/kg



0 dB = 4.56 W/kg = 6.59 dBW/kg

**Test Plot 46#: 4FSK\_416MHz \_ Body Back \_ANT2****DUT: Two way radio; Type: T03-00312-GBEA; Serial: DG2210813-34323E-SA-S2**

Communication System: 4FSK; Frequency: 416 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 416 \text{ MHz}$ ;  $\sigma = 0.858 \text{ S/m}$ ;  $\epsilon_r = 45.098$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

Maximum value of SAR (interpolated) = 4.98 W/kg

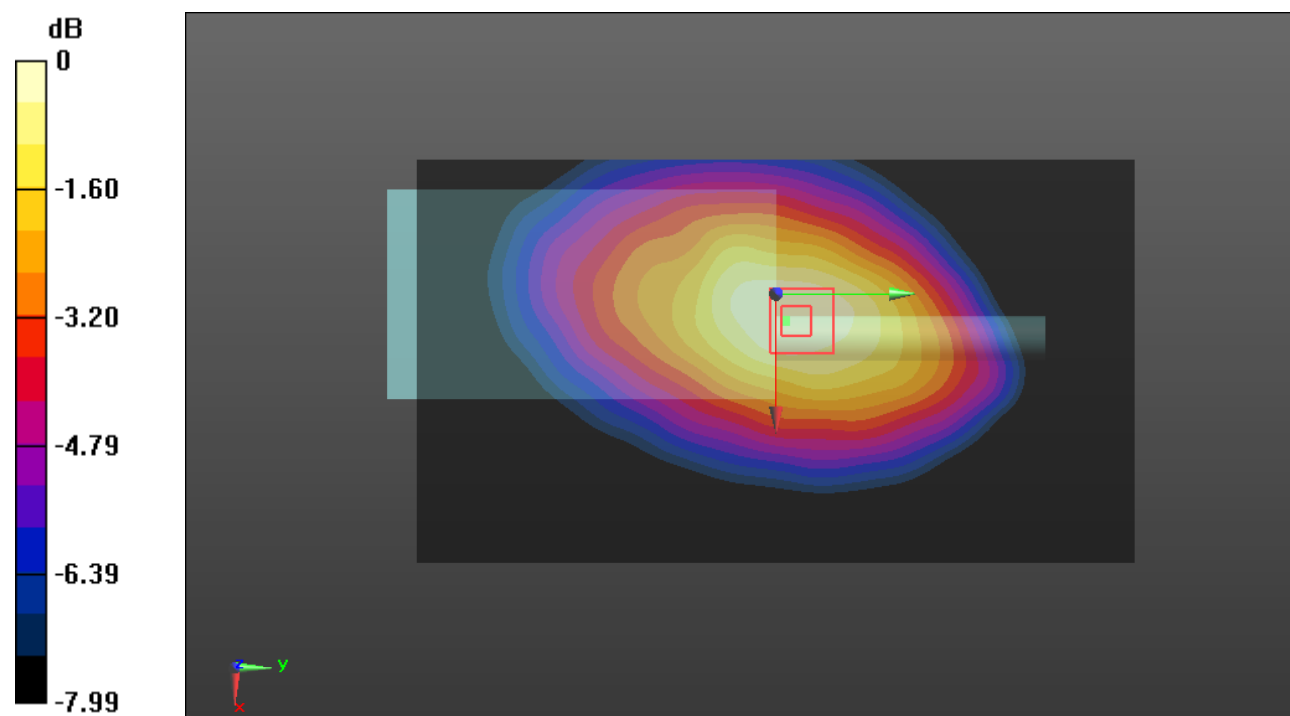
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 74.92 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 6.88 W/kg

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

Maximum value of SAR (measured) = 4.93 W/kg



0 dB = 4.93 W/kg = 6.93 dBW/kg

**Test Plot 47#: FM\_12.5kHz\_400.0125MHz \_ Face Up\_ANT1****DUT: Two way radio; Type: T03-00312-GAAA; Serial: DG2210813-34323E-SA-S3**

Communication System: FM ; Frequency: 400.0125 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.47 W/kg

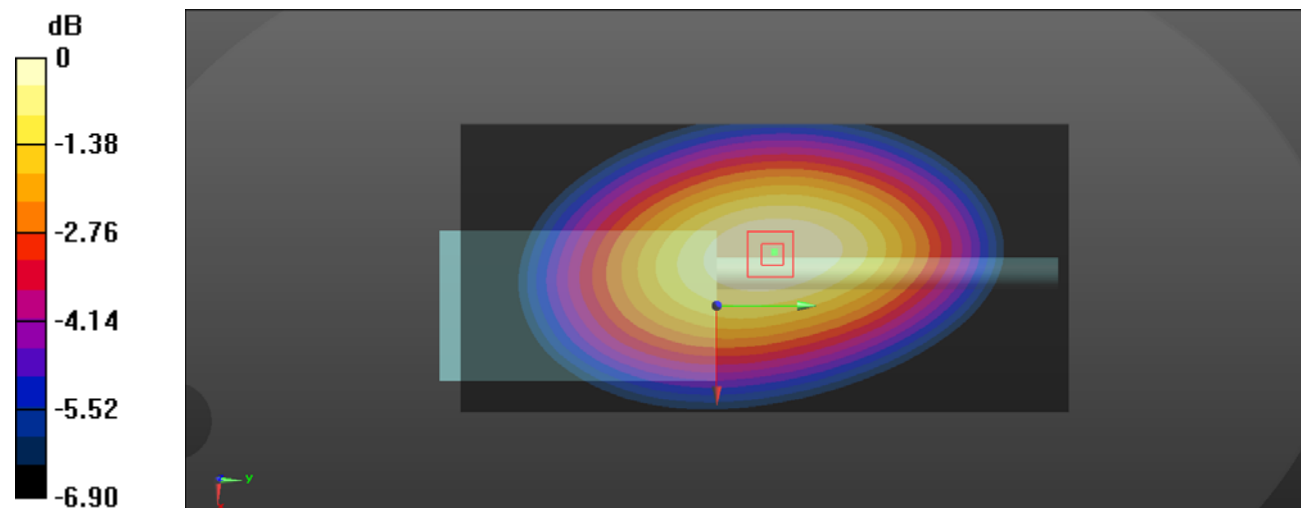
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 71.23 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 6.53 W/kg

**SAR(1 g) = 5.08 W/kg; SAR(10 g) = 3.89 W/kg**

Maximum value of SAR (measured) = 5.33 W/kg



0 dB = 5.33 W/kg = 7.27 dBW/kg

**Test Plot 48#: FM\_12.5kHz\_416MHz \_ Face Up \_ANT2****DUT: Two way radio; Type: T03-00312-GAAA; Serial: DG2210813-34323E-SA-S3**

Communication System: FM ; Frequency: 416 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 45.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.77 W/kg

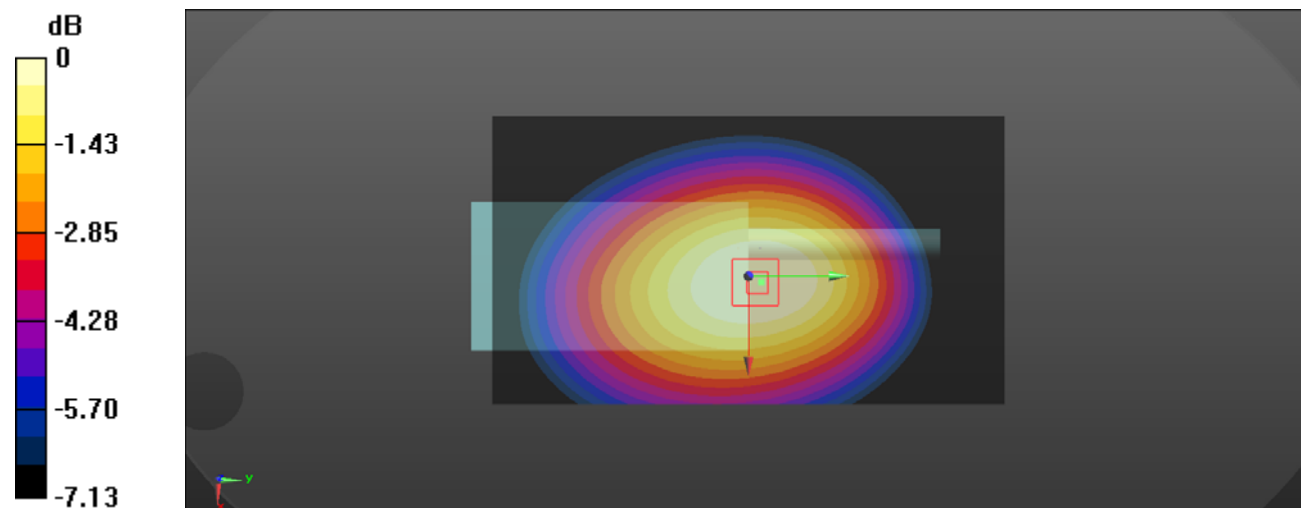
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.96 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 6.75 W/kg

**SAR(1 g) = 5.27 W/kg; SAR(10 g) = 4.03 W/kg**

Maximum value of SAR (measured) = 5.52 W/kg



0 dB = 5.52 W/kg = 7.42 dBW/kg



**Test Plot 49#: FM\_12.5kHz\_400.0125MHz \_ Face Up \_ANT1****DUT: Two way radio; Type: T03-00312-GAAA; Serial: DG2210813-34323E-SA-S3**

Communication System: FM ; Frequency: 400.0125 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.31 W/kg

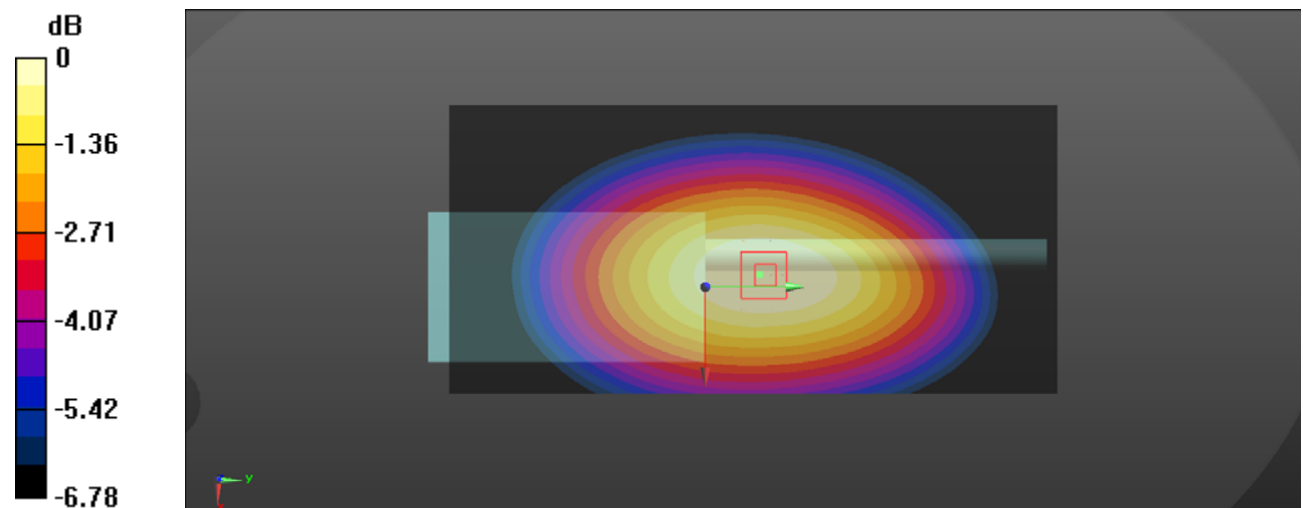
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 76.07 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.35 W/kg

**SAR(1 g) = 4.97 W/kg; SAR(10 g) = 3.81 W/kg**

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



0 dB = 5.20 W/kg = 7.16 dBW/kg

**Test Plot 50#: FM\_25kHz\_416MHz \_ Face Up \_ANT2****DUT: Two way radio; Type: T03-00312-GAAA; Serial: DG2210813-34323E-SA-S3**

Communication System: FM ; Frequency: 416 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 45.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

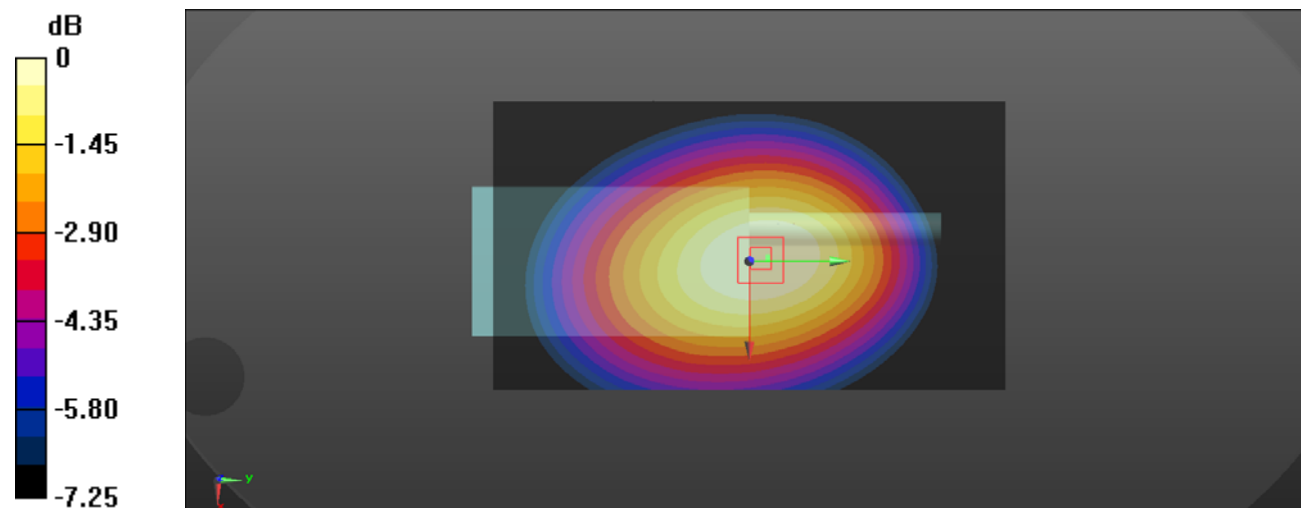
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.28 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 6.42 W/kg

**SAR(1 g) = 5 W/kg; SAR(10 g) = 3.82 W/kg**

Maximum value of SAR (measured) = 5.23 W/kg



0 dB = 5.23 W/kg = 7.19 dBW/kg

**Test Plot 51#: 4FSK \_400.0125MHz \_ Face Up \_ANT1****DUT: Two way radio; Type: T03-00312-GAAA; Serial: DG2210813-34323E-SA-S3**

Communication System: 4FSK; Frequency: 400.0125 MHz; Duty Cycle: 1:2

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

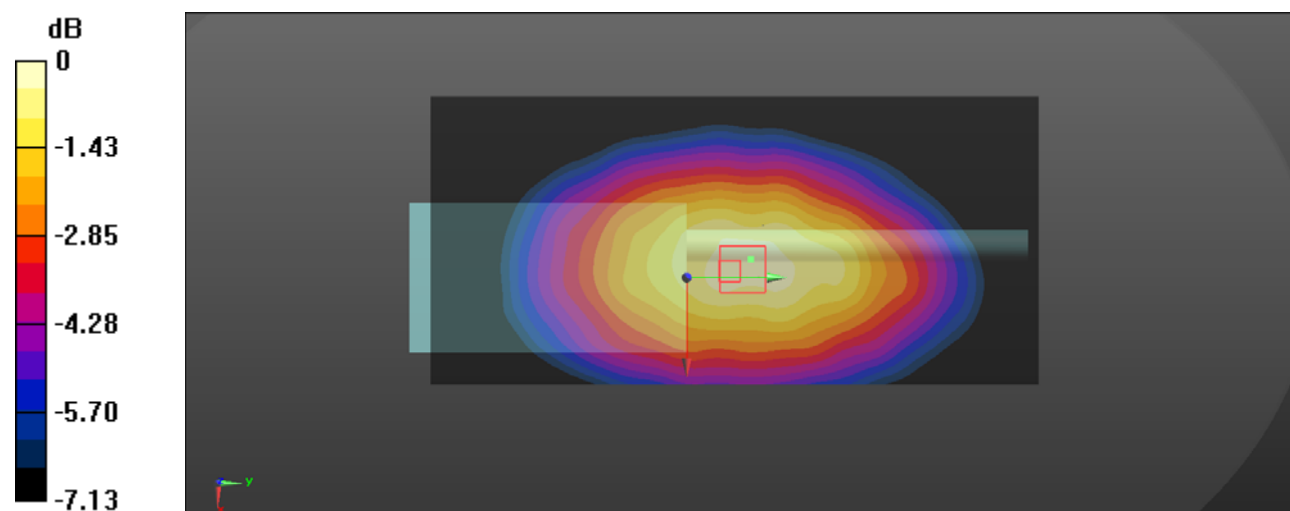
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.95 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.68 W/kg

**SAR(1 g) = 2.68 W/kg; SAR(10 g) = 2.01 W/kg**

Maximum value of SAR (measured) = 2.86 W/kg



0 dB = 2.86 W/kg = 4.56 dBW/kg

**Test Plot 52#: 4FSK 416MHz \_ Face Up \_ANT2****DUT: Two way radio; Type: T03-00312-GAAA; Serial: DG2210813-34323E-SA-S3**

Communication System: 4FSK; Frequency: 416 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 416 \text{ MHz}$ ;  $\sigma = 0.858 \text{ S/m}$ ;  $\epsilon_r = 45.098$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

Maximum value of SAR (interpolated) = 2.66 W/kg

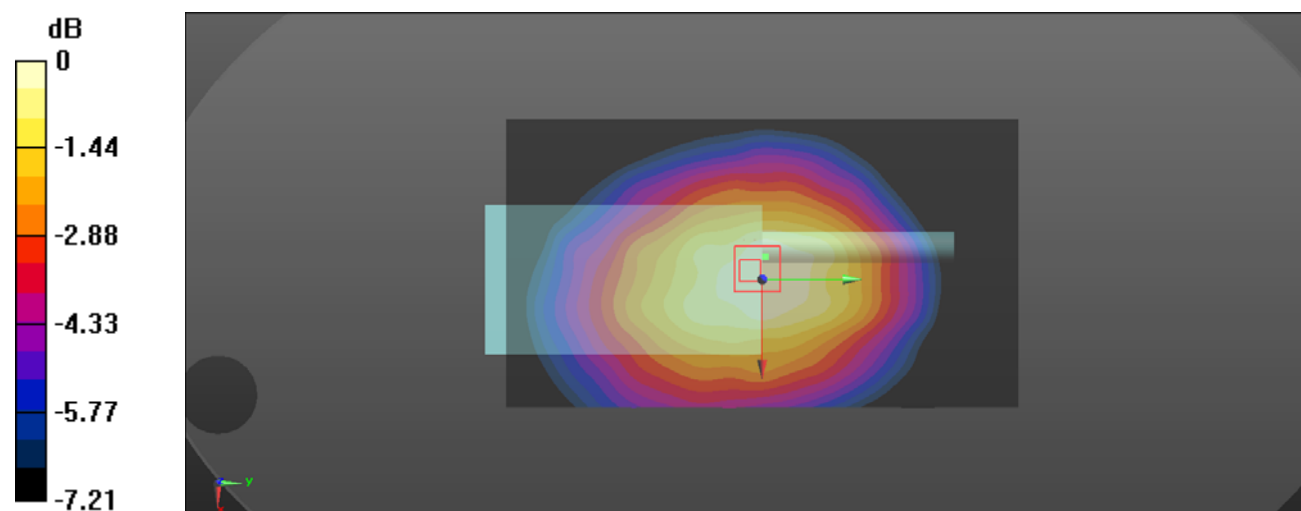
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 55.13 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.62 W/kg

**SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.94 W/kg**

Maximum value of SAR (measured) = 2.69 W/kg



0 dB = 2.69 W/kg = 4.30 dBW/kg

**Test Plot 53#: FM\_12.5kHz\_400.0125MHz \_ Body Back \_ANT1****DUT: Two way radio; Type: T03-00312-GAAA; Serial: DG2210813-34323E-SA-S3**

Communication System: FM ; Frequency: 400.0125 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.08 W/kg

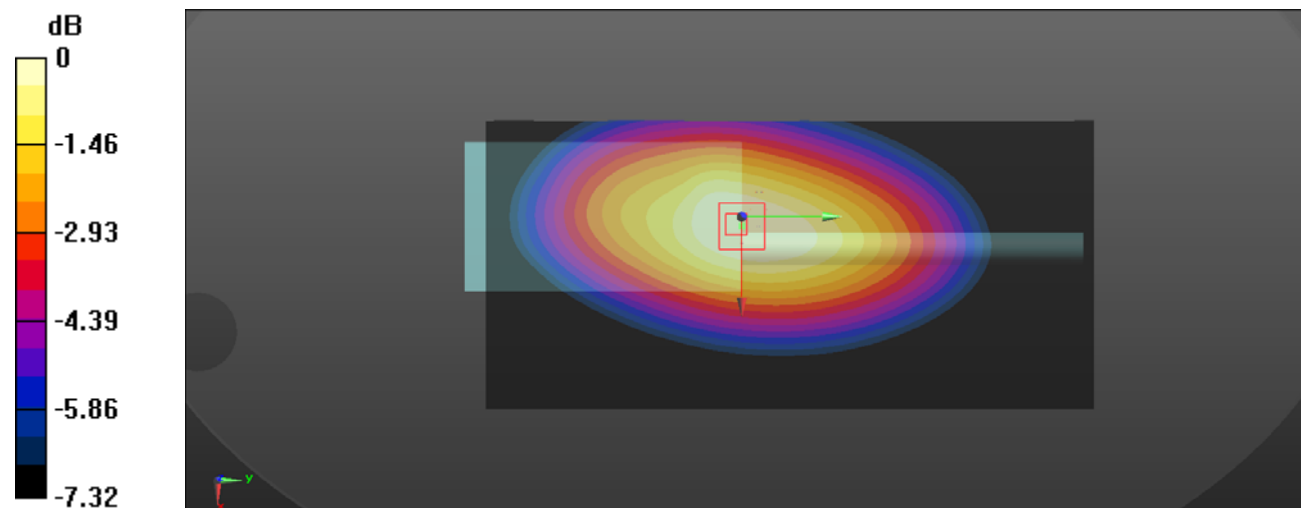
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.2 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 10.9 W/kg

**SAR(1 g) = 8.4 W/kg; SAR(10 g) = 6.31 W/kg**

Maximum value of SAR (measured) = 8.83 W/kg



0 dB = 8.83 W/kg = 9.46 dBW/kg

**Test Plot 54#:FM\_12.5kHz\_416MHz \_ Body Back \_ANT2****DUT: Two way radio; Type: T03-00312-GAAA; Serial: DG2210813-34323E-SA-S3**

Communication System: FM ; Frequency: 416 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 45.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

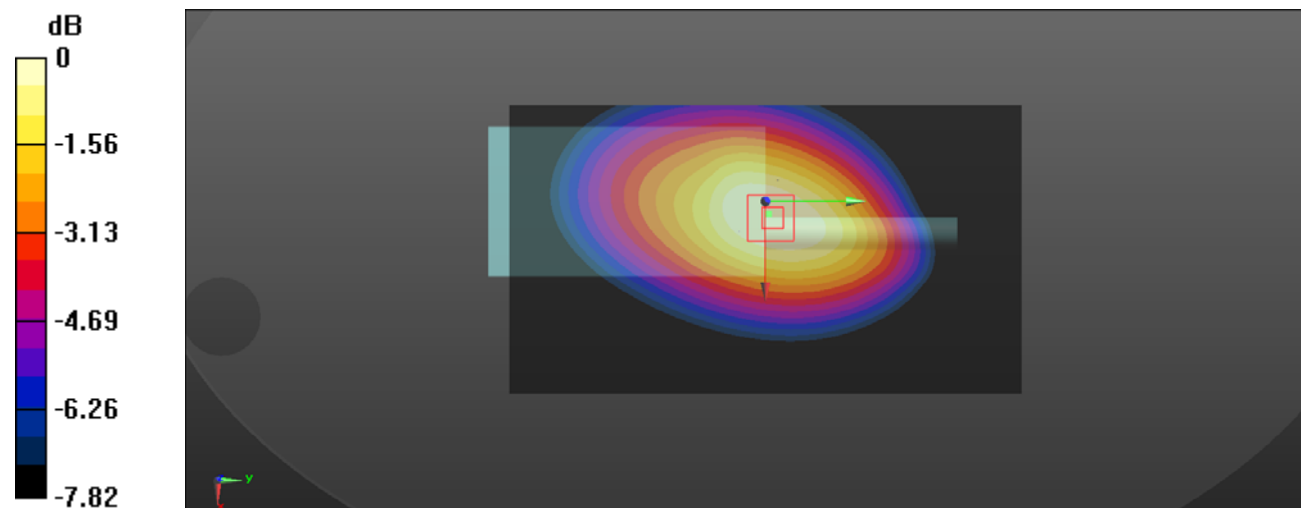
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.3 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 12.4 W/kg

**SAR(1 g) = 9.36 W/kg; SAR(10 g) = 6.93 W/kg**

Maximum value of SAR (measured) = 9.83 W/kg



0 dB = 9.83 W/kg = 9.93 dBW/kg

**Test Plot 55#: FM\_25kHz\_400.0125MHz \_ Body Back \_ANT1****DUT: Two way radio; Type: T03-00312-GAAA; Serial: DG2210813-34323E-SA-S3**

Communication System: FM ; Frequency: 400.0125 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 44.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.92 W/kg

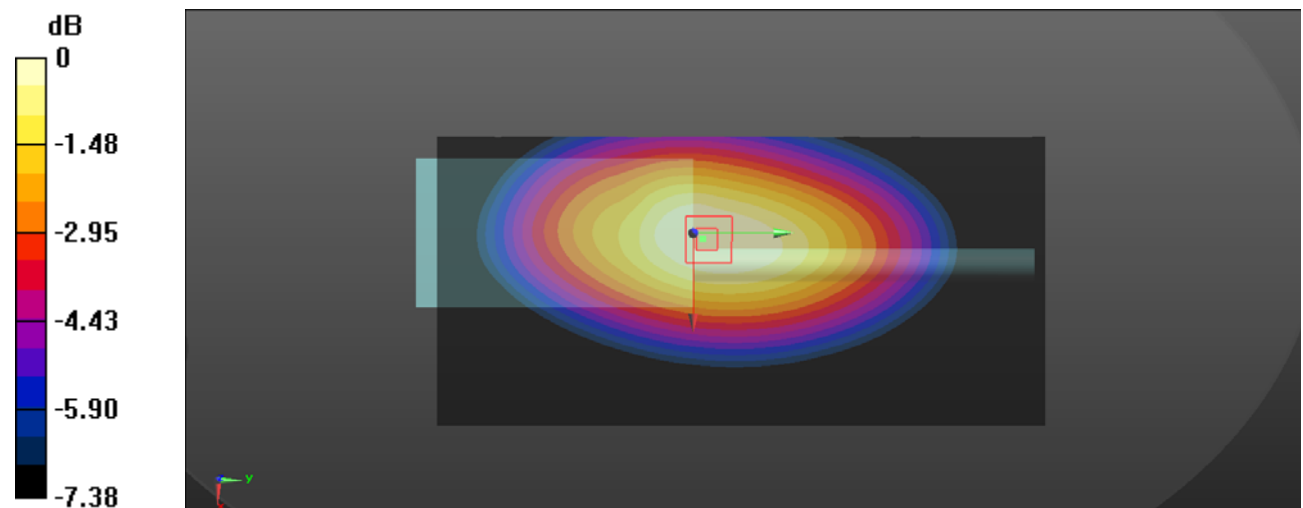
**/Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.4 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 10.7 W/kg

**SAR(1 g) = 8.21 W/kg; SAR(10 g) = 6.17 W/kg**

Maximum value of SAR (measured) = 8.63 W/kg



0 dB = 8.63 W/kg = 9.36 dBW/kg

**Test Plot 56#: FM\_25kHz\_416MHz \_ Body Back \_ANT2****DUT: Two way radio; Type: T03-00312-GAAA; Serial: DG2210813-34323E-SA-S3**

Communication System: FM ; Frequency: 416 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 45.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

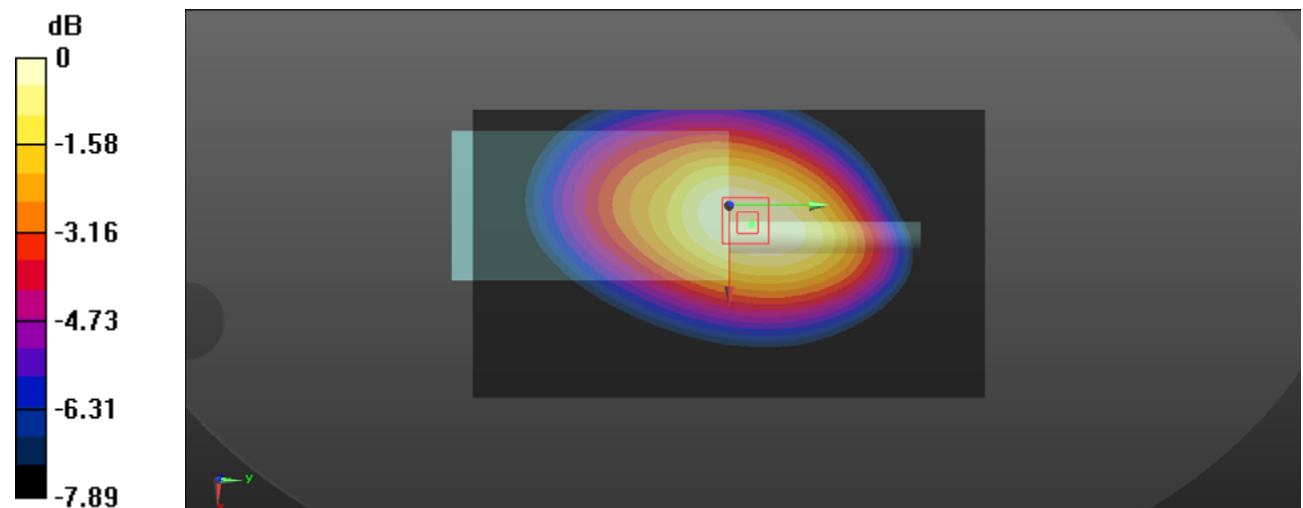
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 114.4 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 13.4 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.45 W/kg**

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



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



**Test Plot 57#: 4FSK\_400.0125MHz \_ Body Back \_ANT1****DUT: Two way radio; Type: T03-00312-GAAA; Serial: DG2210813-34323E-SA-S3**

Communication System: 4FSK; Frequency: 400.0125 MHz; Duty Cycle: 1:2

Medium parameters used (interpolated):  $f = 400.0125$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 45.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.0125 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 (91x191x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.35 W/kg

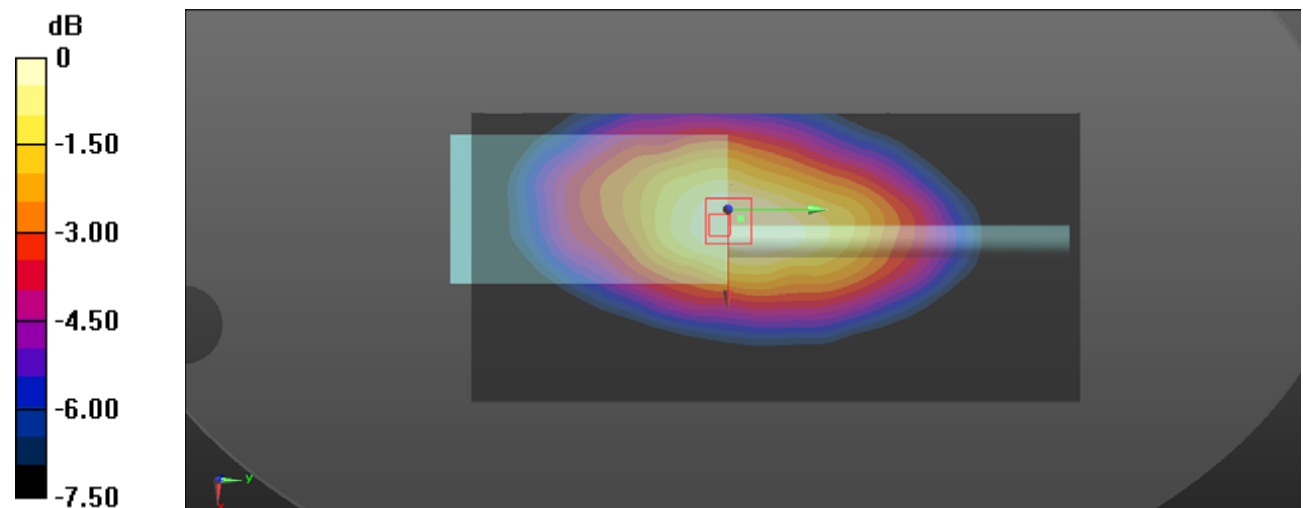
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 68.30 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.19 W/kg

**SAR(1 g) = 4.03 W/kg; SAR(10 g) = 2.96 W/kg**

Maximum value of SAR (measured) = 4.22 W/kg



0 dB = 4.22 W/kg = 6.25 dBW/kg

**Test Plot 58#: 4FSK\_416MHz \_ Body Back \_ANT2****DUT: Two way radio; Type: T03-00312-GAAA; Serial: DG2210813-34323E-SA-S3**

Communication System: 4FSK; Frequency: 416 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 416$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 45.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 416 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 (91x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.13 W/kg

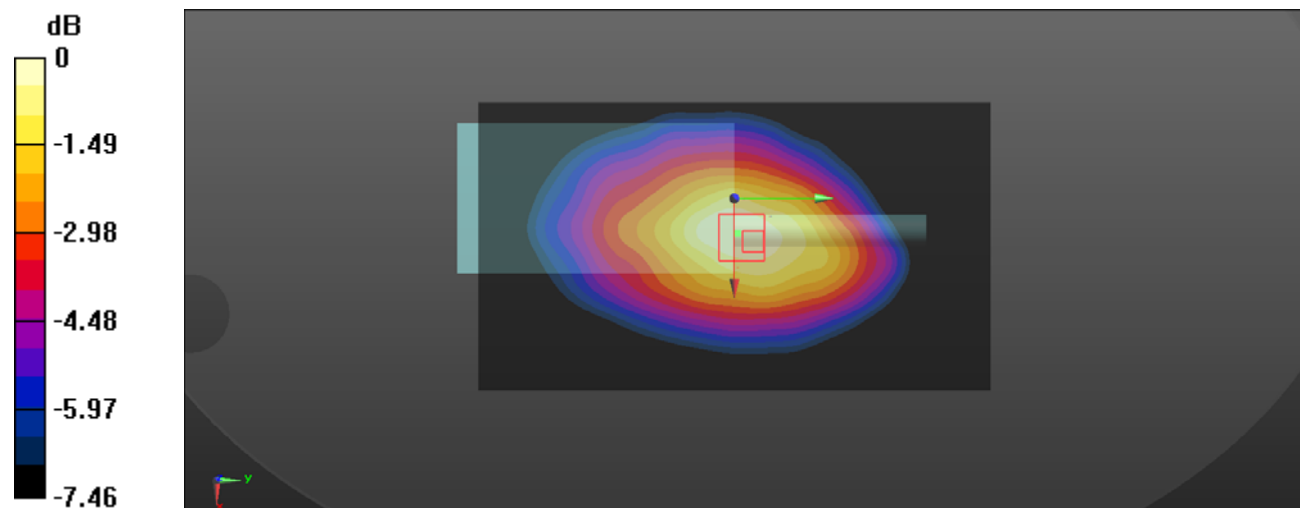
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 66.77 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 6.61 W/kg

**SAR(1 g) = 4.71 W/kg; SAR(10 g) = 3.49 W/kg**

Maximum value of SAR (measured) = 5.06 W/kg



0 dB = 5.06 W/kg = 7.04 dBW/kg