

**Test Plot 1#:FM\_12.5kHz\_485.0125MHz\_Face Up****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: FM; Frequency: 485.012 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 485.012$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 43.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.55 W/kg

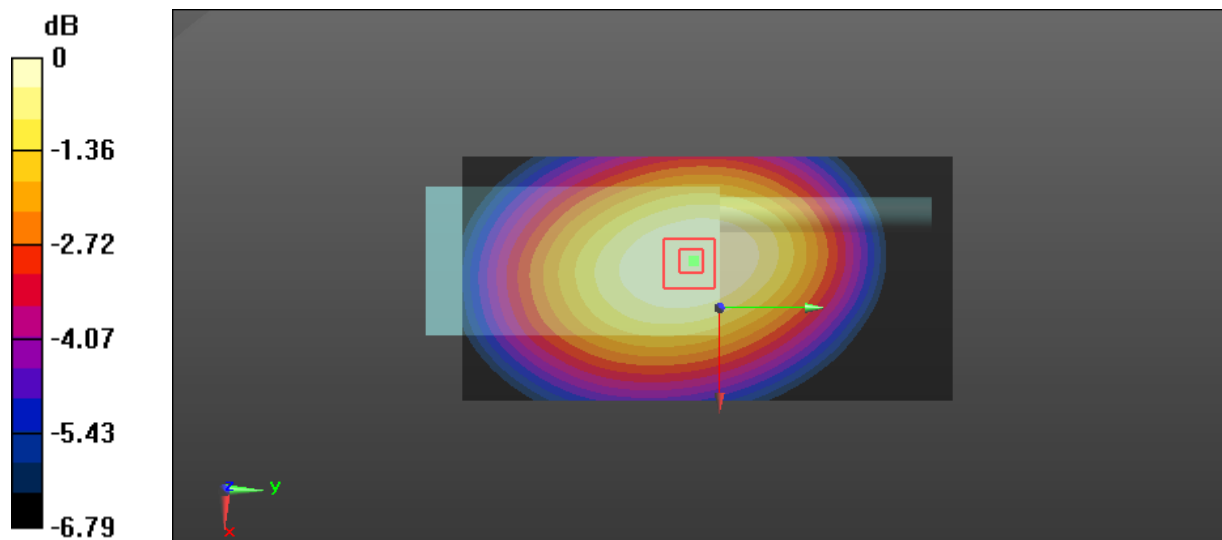
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.87 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 7.66 W/kg

**SAR(1 g) = 6.03 W/kg; SAR(10 g) = 4.68 W/kg**

Maximum value of SAR (measured) = 6.31 W/kg



0 dB = 6.31 W/kg = 8.00 dBW/kg

**Test Plot 2#: FM\_25kHz\_485.0125MHz\_Face Up****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: FM; Frequency: 485.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 485.012$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 43.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.35 W/kg

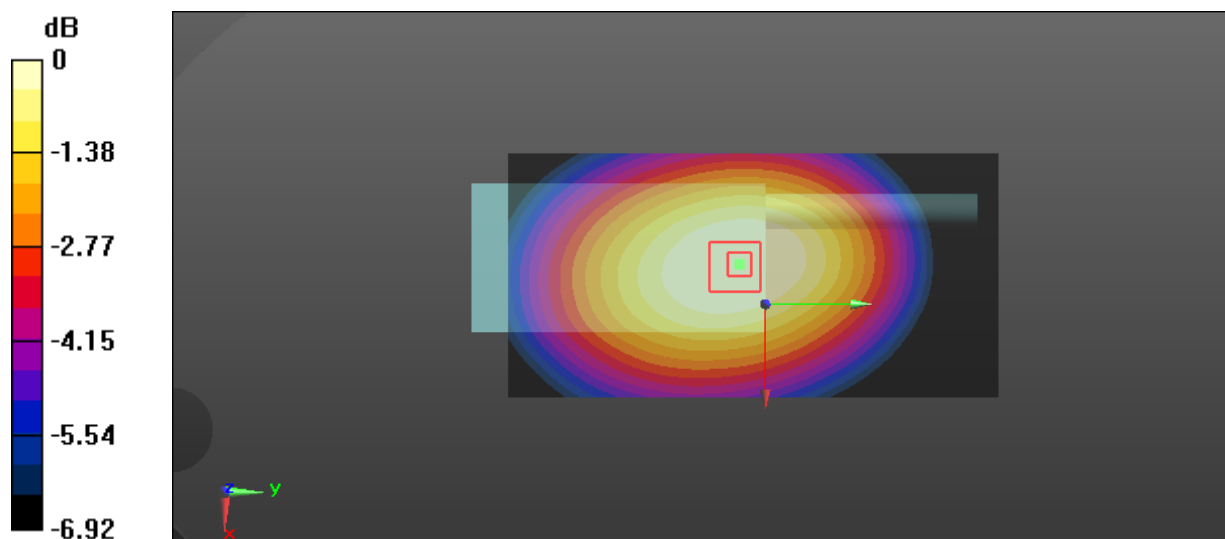
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.86 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 7.44 W/kg

**SAR(1 g) = 5.82 W/kg; SAR(10 g) = 4.50 W/kg**

Maximum value of SAR (measured) = 6.06 W/kg



0 dB = 6.06 W/kg = 7.82 dBW/kg

**Test Plot 3#: 4FSK\_12.5kHz\_485.0125MHz\_Face Up****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: 4FSK; Frequency: 485.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 485.012$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 43.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

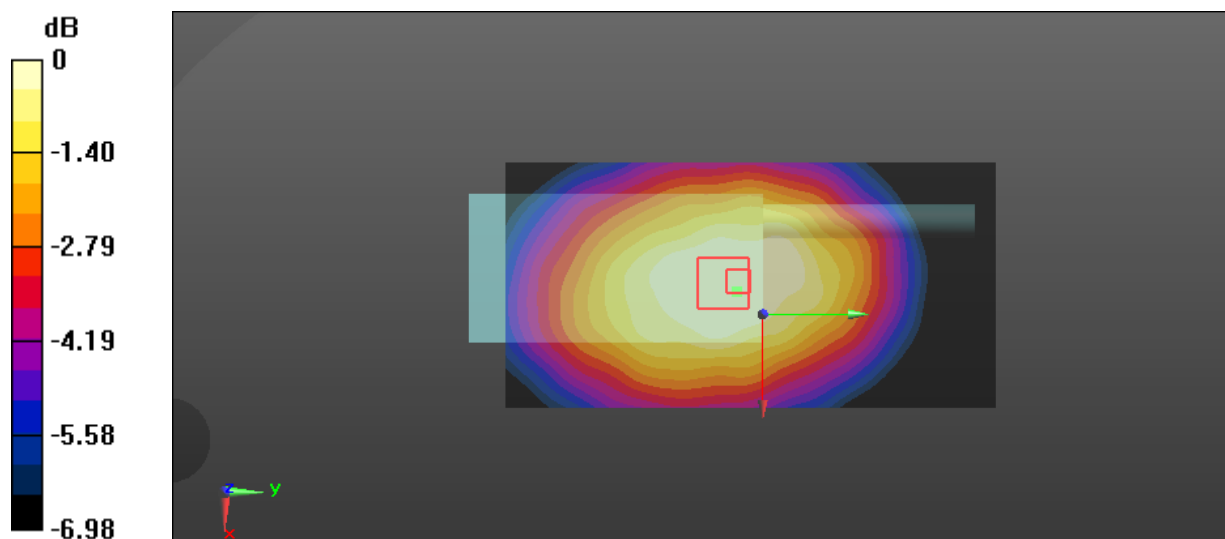
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.47 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.82 W/kg

**SAR(1 g) = 2.94 W/kg; SAR(10 g) = 2.28 W/kg**

Maximum value of SAR (measured) = 3.13 W/kg



0 dB = 3.13 W/kg = 4.96 dBW/kg

**Test Plot 4#: FM\_12.5kHz\_485.0125MHz\_Face Up****DUT: Two way radio; Type: T03-00302-HBAA; Serial: LC201130001-HB**

Communication System: FM; Frequency: 485.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 485.012$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 43.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.42 W/kg

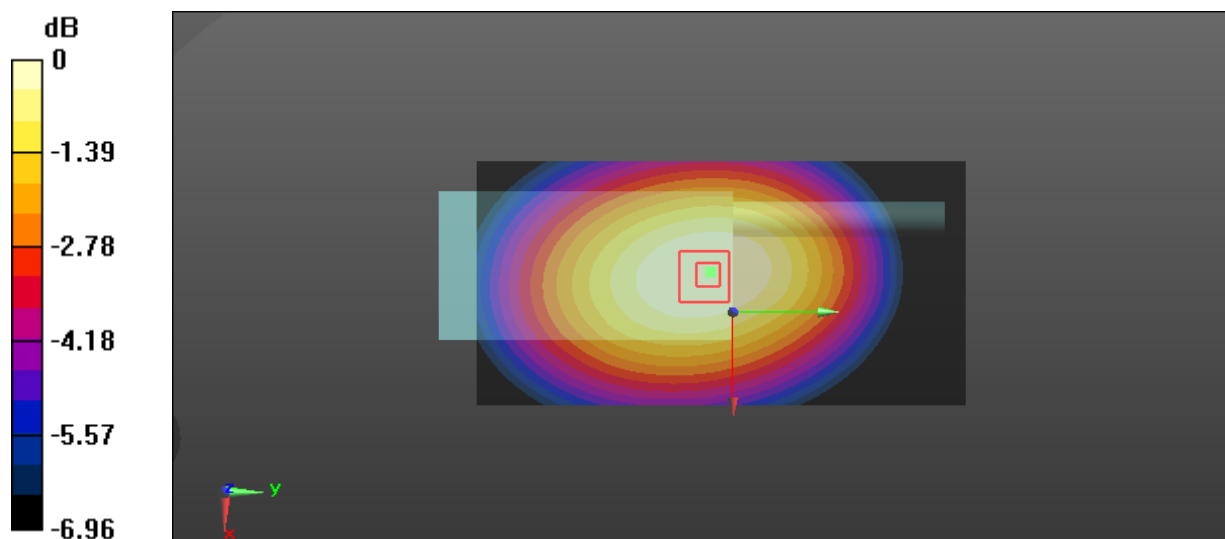
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 78.54 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 7.59 W/kg

**SAR(1 g) = 5.95 W/kg; SAR(10 g) = 4.61 W/kg**

Maximum value of SAR (measured) = 6.23 W/kg



0 dB = 6.23 W/kg = 7.94 dBW/kg

**Test Plot 5#: FM\_12.5kHz\_485.0125MHz\_Face Up****DUT: Two way radio; Type: T03-00302-HAAA; Serial: LC201130001-HA**

Communication System: FM; Frequency: 485.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 485.012$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 43.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

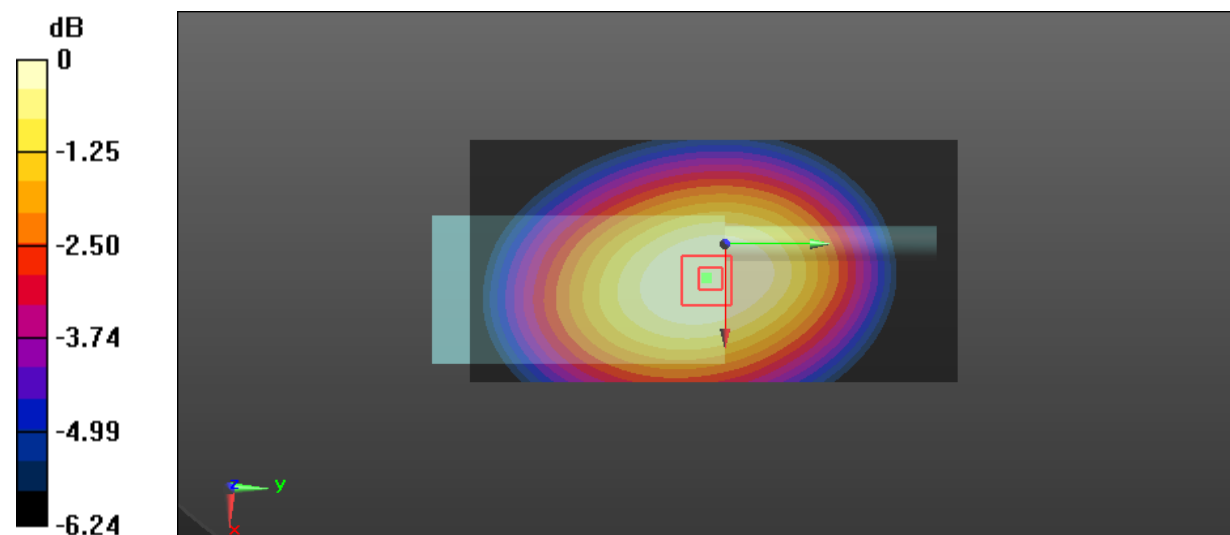
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 68.99 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 5.65 W/kg

**SAR(1 g) = 4.49 W/kg; SAR(10 g) = 3.5 W/kg**

Maximum value of SAR (measured) = 4.69 W/kg



0 dB = 4.69 W/kg = 6.71 dBW/kg

**Test Plot 6#: FM\_12.5kHz\_450.0125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.954$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

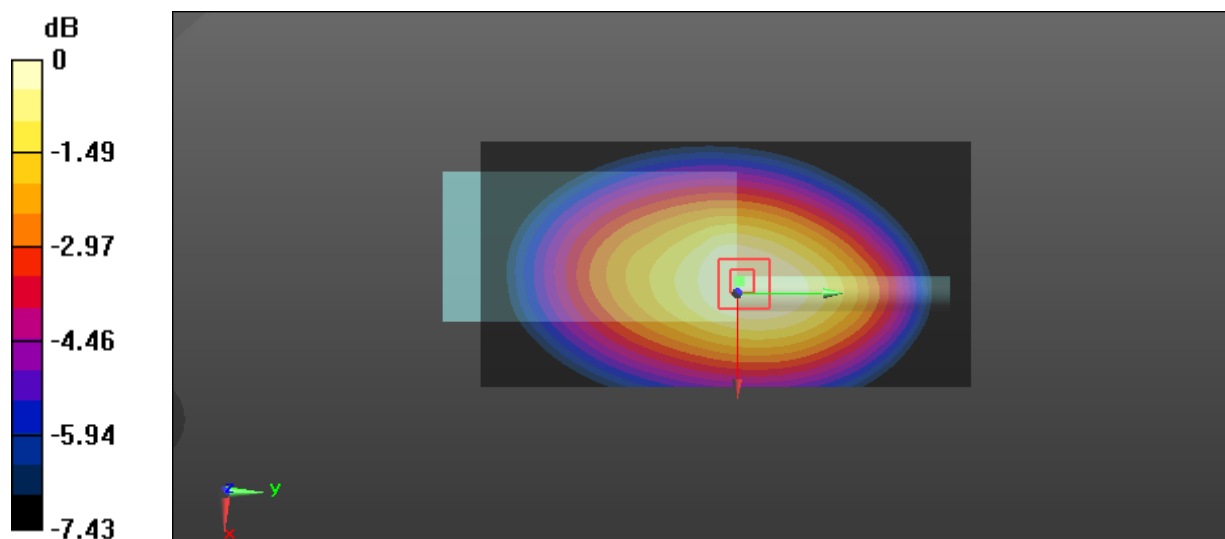
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.7 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 12.3 W/kg

**SAR(1 g) = 9.27 W/kg; SAR(10 g) = 6.95 W/kg**

Maximum value of SAR (measured) = 9.79 W/kg



0 dB = 9.79 W/kg = 9.91 dBW/kg

**Test Plot 7#: FM\_12.5kHz\_467.5125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 43.807$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

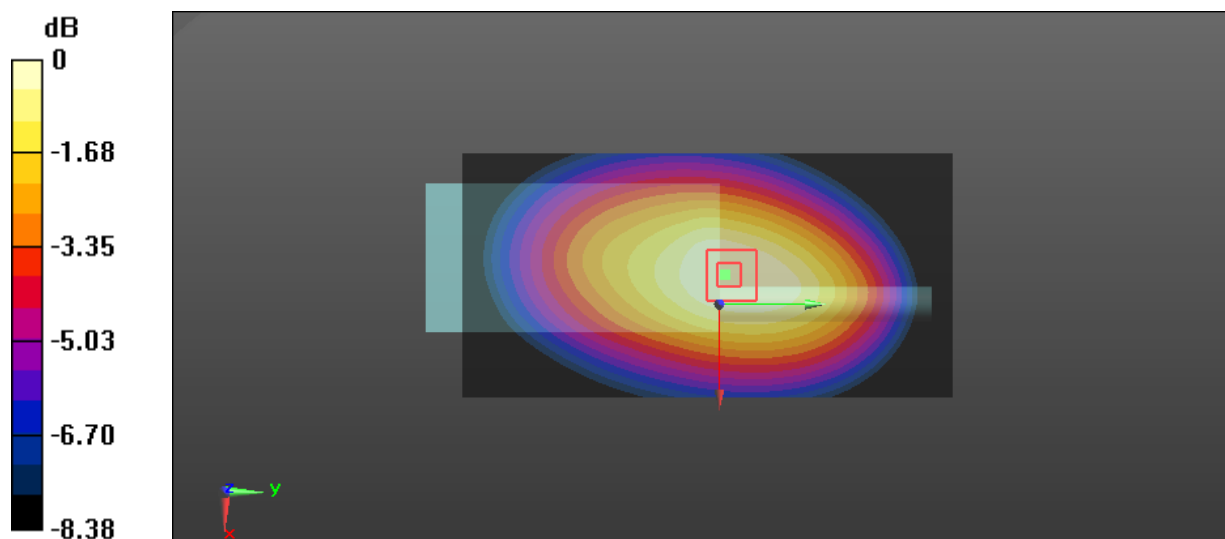
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 115.6 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 14.7 W/kg

**SAR(1 g) = 10.7 W/kg; SAR(10 g) = 7.72 W/kg**

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



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

**Test Plot 8#: FM\_12.5kHz\_485.0125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: FM; Frequency: 485.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 485.012$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 43.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

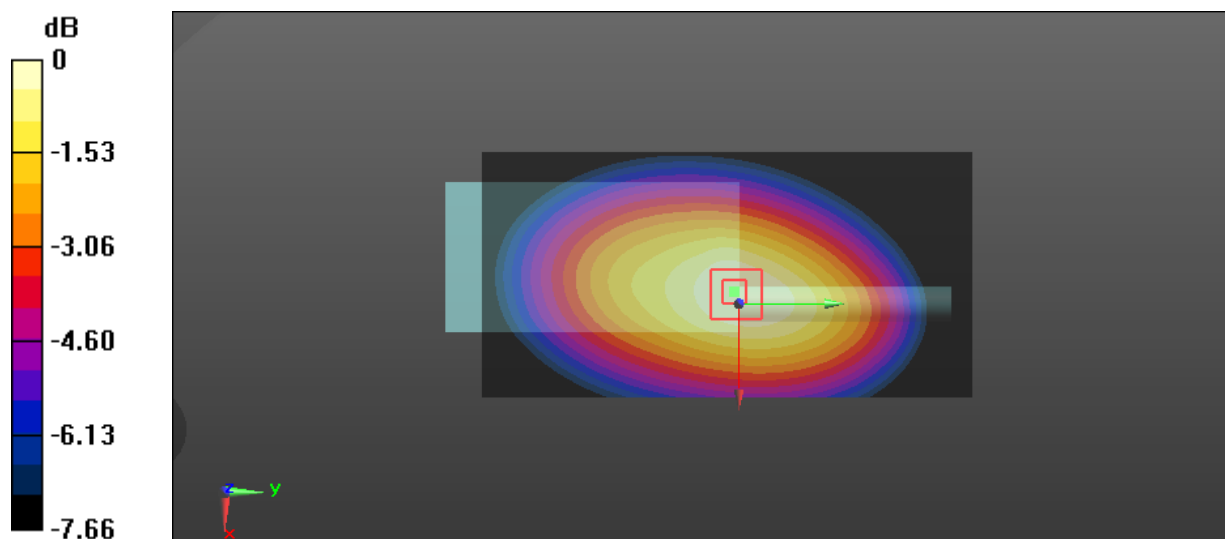
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 111.3 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 14.4 W/kg

**SAR(1 g) = 10.8 W/kg; SAR(10 g) = 7.99 W/kg**

Maximum value of SAR (measured) = 11.4 W/kg



0 dB = 11.4 W/kg = 10.57 dBW/kg



**Test Plot 9#: FM\_12.5kHz\_502.4875MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 502.488$  MHz;  $\sigma = 0.885$  S/m;  $\epsilon_r = 43.482$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.67 W/kg

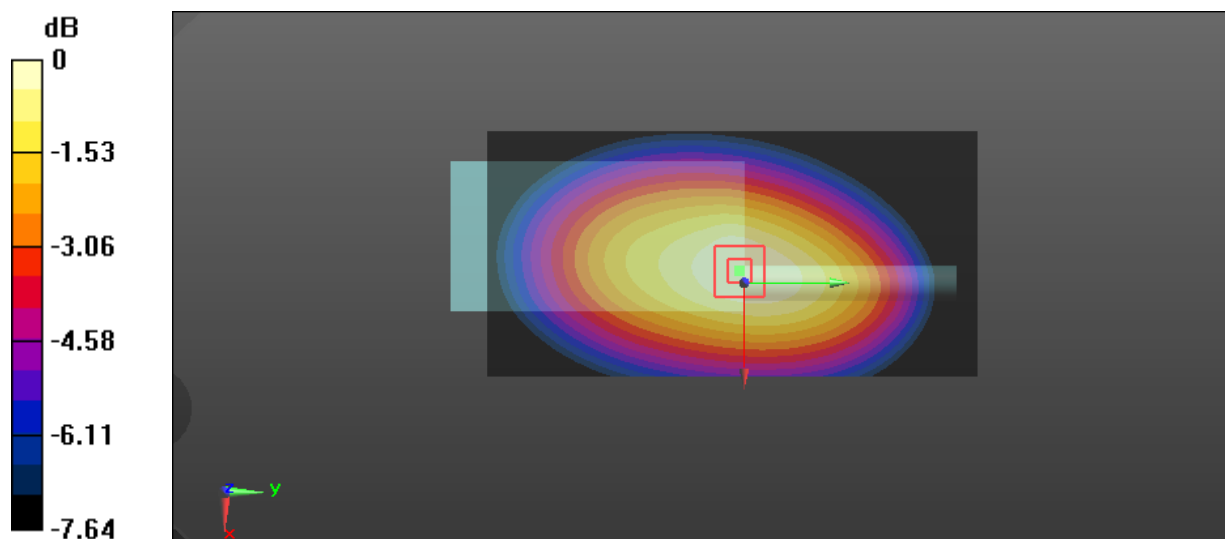
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.68 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 12.0 W/kg

**SAR(1 g) = 8.9 W/kg; SAR(10 g) = 6.58 W/kg**

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



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

**Test Plot 10#: FM\_12.5kHz\_519.9875MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 519.987$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 43.079$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

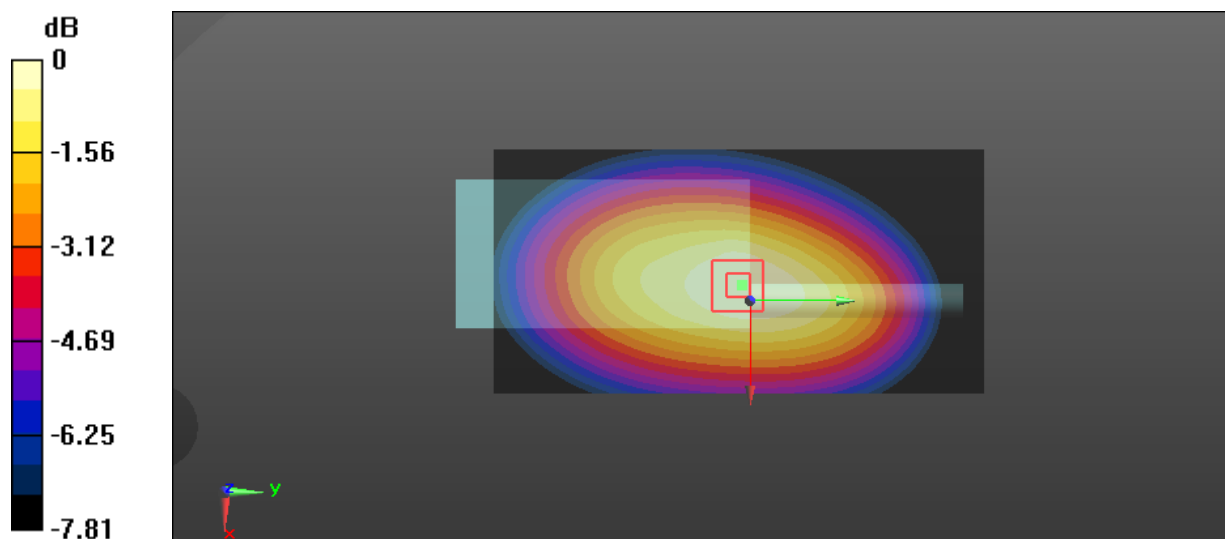
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.6 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 13.9 W/kg

**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 7.53 W/kg**

Maximum value of SAR (measured) = 10.8 W/kg



0 dB = 10.8 W/kg = 10.33 dBW/kg

**Test Plot 11#: FM\_25kHz\_450.0125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.954$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.85 W/kg

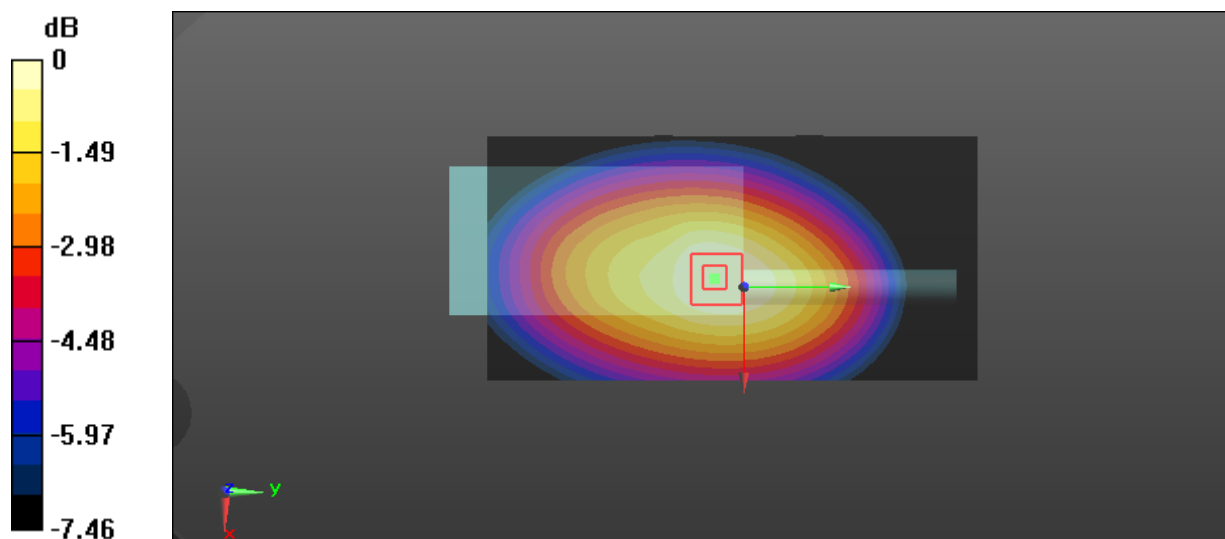
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.5 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 11.9 W/kg

**SAR(1 g) = 9.04 W/kg; SAR(10 g) = 6.73 W/kg**

Maximum value of SAR (measured) = 9.49 W/kg



0 dB = 9.49 W/kg = 9.77 dBW/kg

**Test Plot 12#: FM\_25kHz\_467.5125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 43.807$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

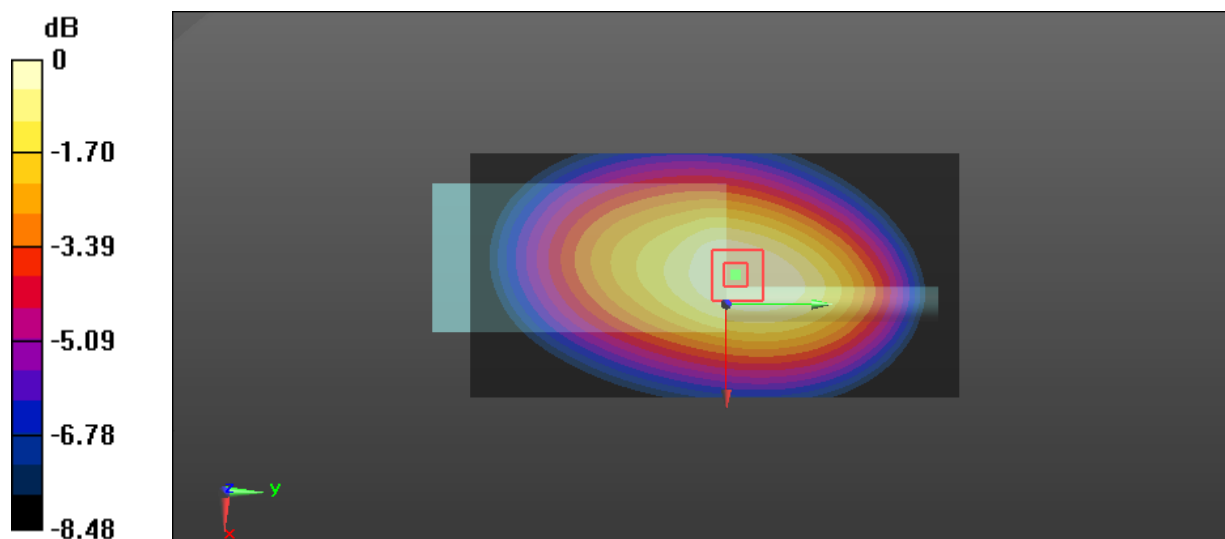
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.6 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 13.6 W/kg

**SAR(1 g) = 9.98 W/kg; SAR(10 g) = 7.21 W/kg**

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



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

**Test Plot 13#: FM\_25kHz\_485.0125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: FM; Frequency: 485.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 485.012$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 43.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

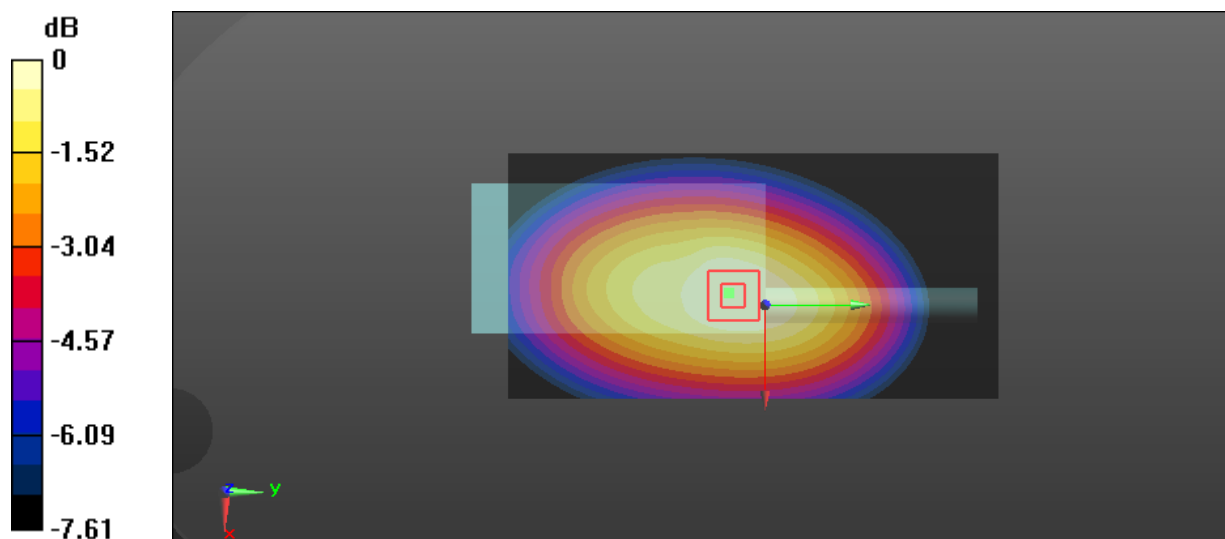
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.7 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 13.4 W/kg

**SAR(1 g) = 10 W/kg; SAR(10 g) = 7.42 W/kg**

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



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

**Test Plot 14#: FM\_25kHz\_502.4875MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 502.488$  MHz;  $\sigma = 0.885$  S/m;  $\epsilon_r = 43.482$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.71 W/kg

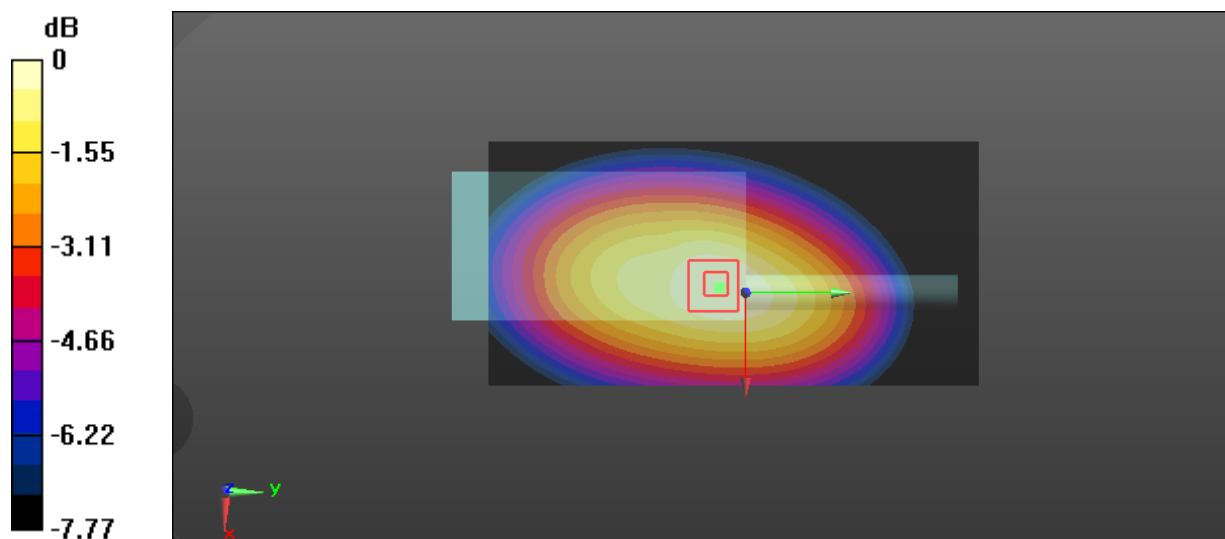
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.5 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 12.2 W/kg

**SAR(1 g) = 9.02 W/kg; SAR(10 g) = 6.64 W/kg**

Maximum value of SAR (measured) = 9.48 W/kg



**Test Plot 15#: FM\_25kHz\_519.9875MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 519.987$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 43.079$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.7 W/kg

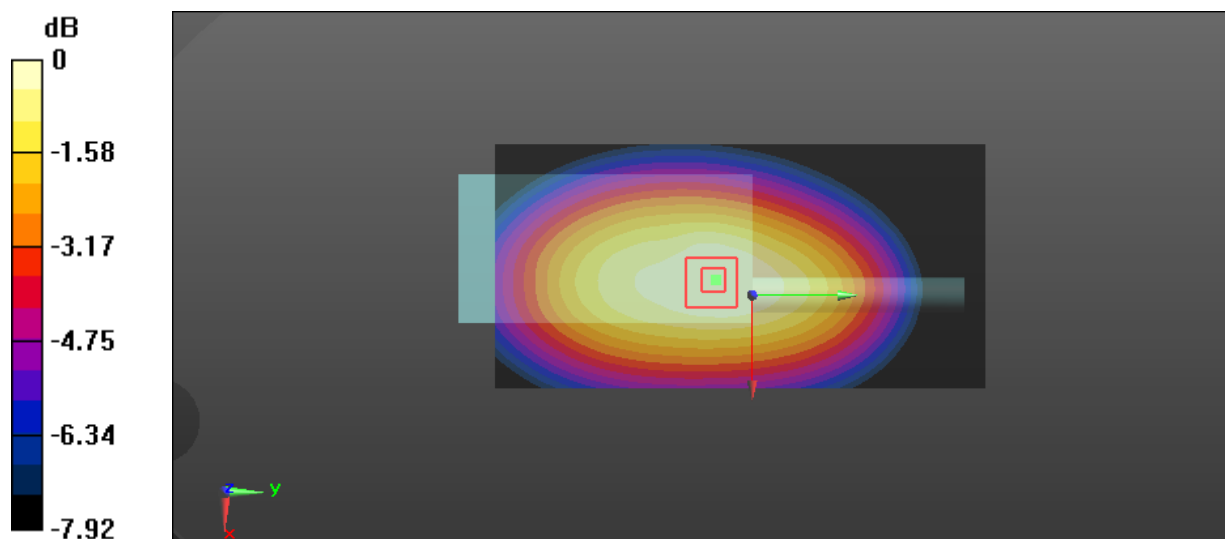
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.6 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 13.0 W/kg

**SAR(1 g) = 9.52 W/kg; SAR(10 g) = 6.99 W/kg**

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



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

**Test Plot 16#: 4FSK\_12.5kHz\_485.0125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: 4FSK; Frequency: 485.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 485.012$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 43.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.29 W/kg

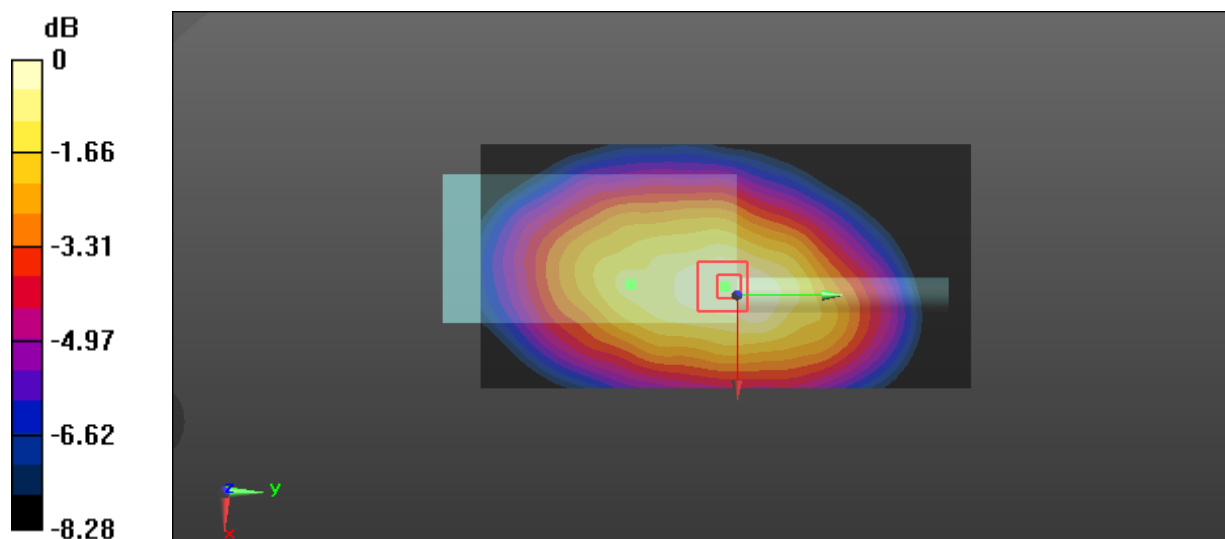
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.38 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 7.81 W/kg

**SAR(1 g) = 5.53 W/kg; SAR(10 g) = 4.09 W/kg**

Maximum value of SAR (measured) = 5.94 W/kg



0 dB = 5.94 W/kg = 7.74 dBW/kg



**Test Plot 17#: FM\_12.5kHz\_450.0125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HBAA; Serial: LC201130001-HB**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 44.523$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.85 W/kg

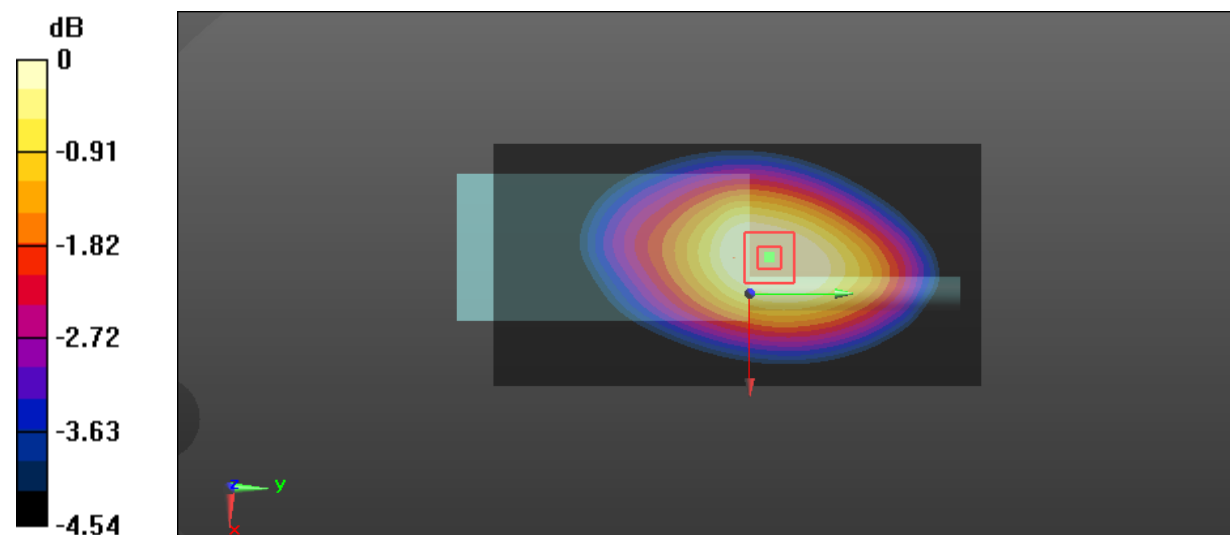
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.5 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 12.1 W/kg

**SAR(1 g) = 9.06 W/kg; SAR(10 g) = 6.76 W/kg**

Maximum value of SAR (measured) = 9.59 W/kg



0 dB = 9.59 W/kg = 9.82 dBW/kg

**Test Plot 18#: FM\_12.5kHz\_467.5125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HBAA; Serial: LC201130001-HB**

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.883$  S/m;  $\epsilon_r = 43.988$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

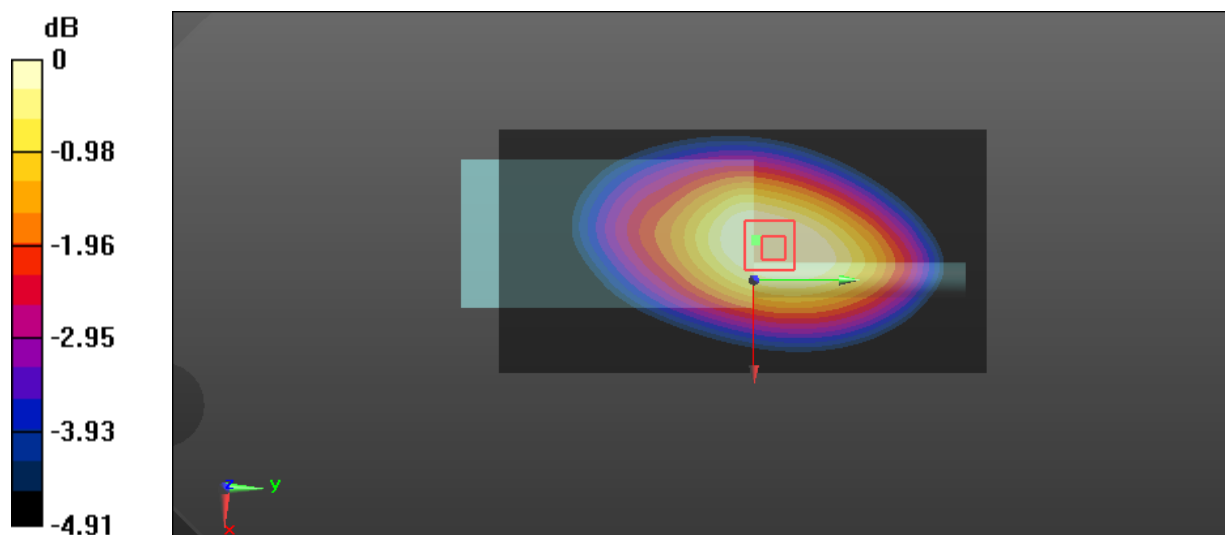
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.9 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 12.9 W/kg

**SAR(1 g) = 9.42 W/kg; SAR(10 g) = 7.06 W/kg**

Maximum value of SAR (measured) = 9.99 W/kg



0 dB = 9.99 W/kg = 10.00 dBW/kg

**Test Plot 19#: FM\_12.5kHz\_485.0125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HBAA; Serial: LC201130001-HB**

Communication System: FM; Frequency: 485.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 485.012$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 43.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.4 W/kg

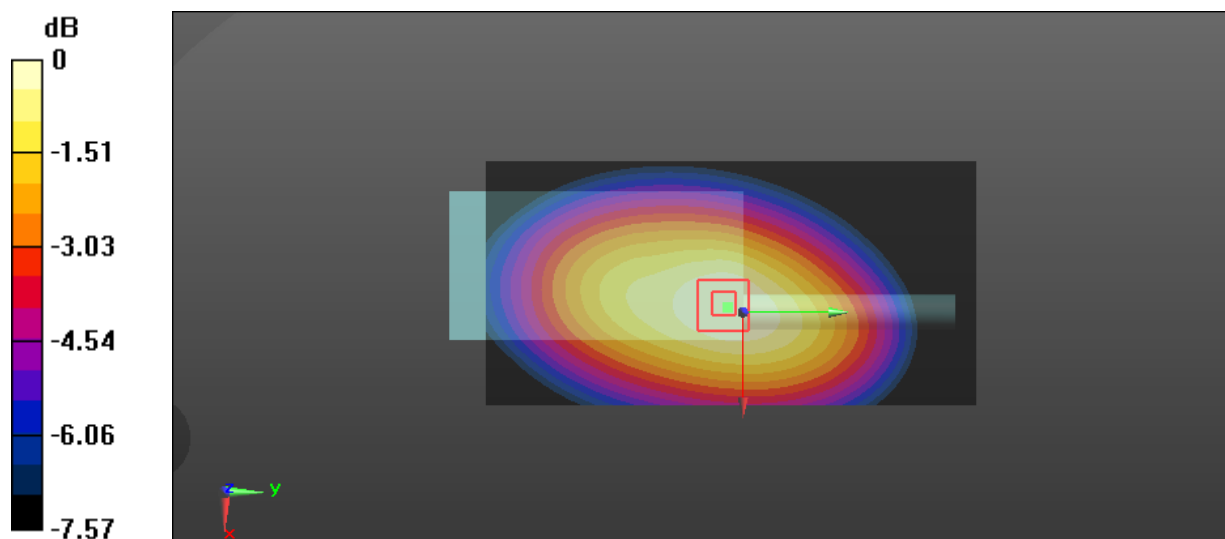
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 111.8 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 14.0 W/kg

**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 7.81 W/kg**

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



0 dB = 11.1 W/kg = 10.45 dBW/kg

**Test Plot 20#: FM\_12.5kHz\_502.4875MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HBAA; Serial: LC201130001-HB**

Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 502.488$  MHz;  $\sigma = 0.889$  S/m;  $\epsilon_r = 43.661$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

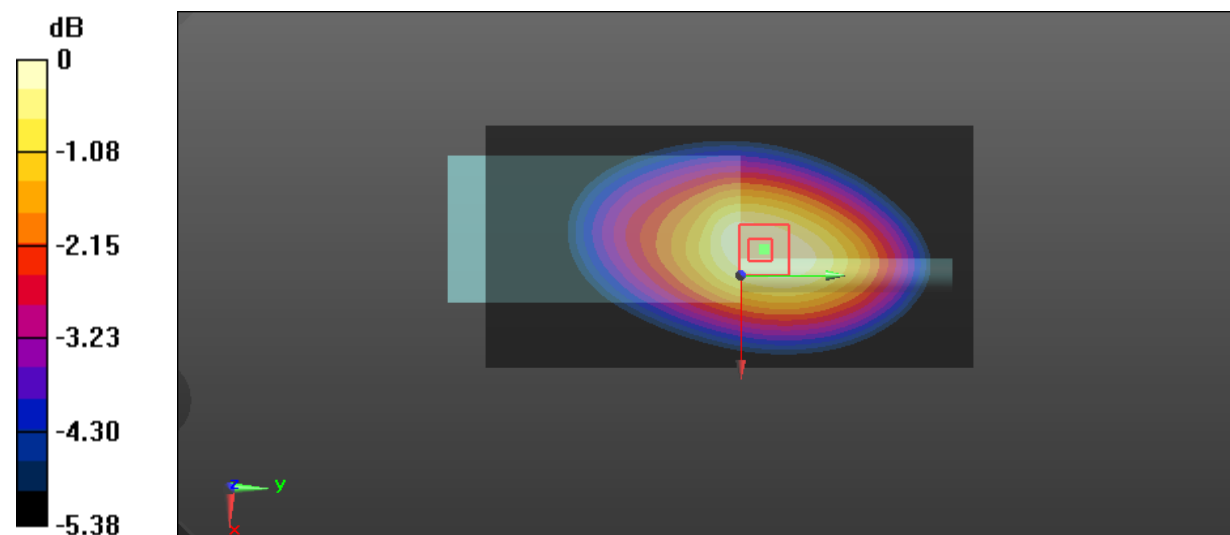
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 106.4 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 13.3 W/kg

**SAR(1 g) = 9.51 W/kg; SAR(10 g) = 7.08 W/kg**

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



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

**Test Plot 21#: FM\_12.5kHz\_519.9875MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HBAA; Serial: LC201130001-HB**

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 43.495$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.69 W/kg

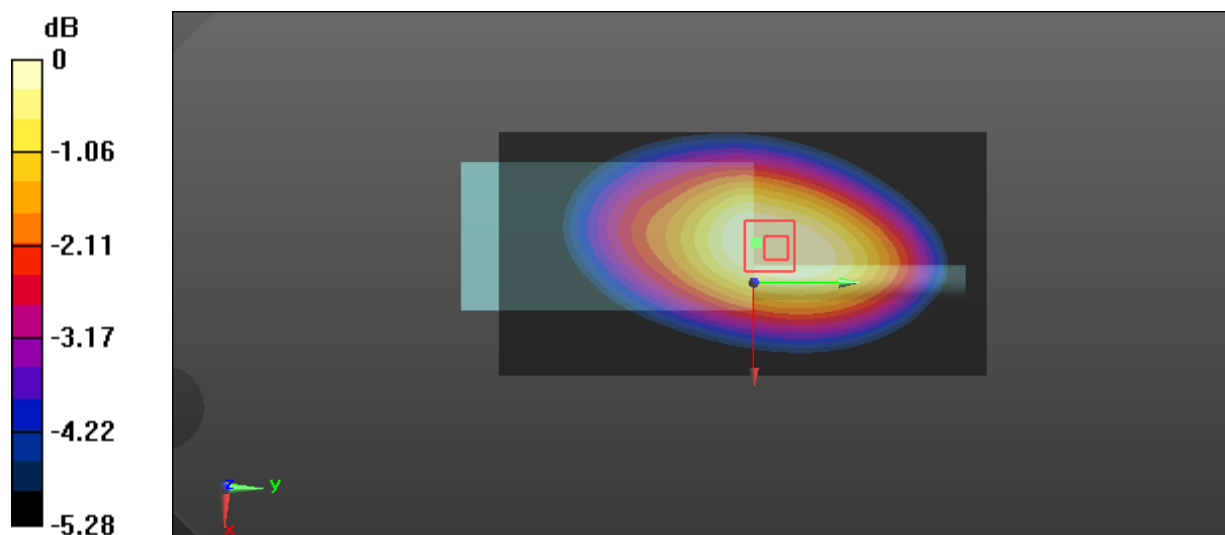
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 102.3 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 11.7 W/kg

**SAR(1 g) = 8.88 W/kg; SAR(10 g) = 6.61 W/kg**

Maximum value of SAR (measured) = 9.42 W/kg



0 dB = 9.42 W/kg = 9.74 dBW/kg

**Test Plot 22#: FM\_12.5kHz\_450.0125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HAAA; Serial: LC201130001-HA**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 44.523$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.89 W/kg

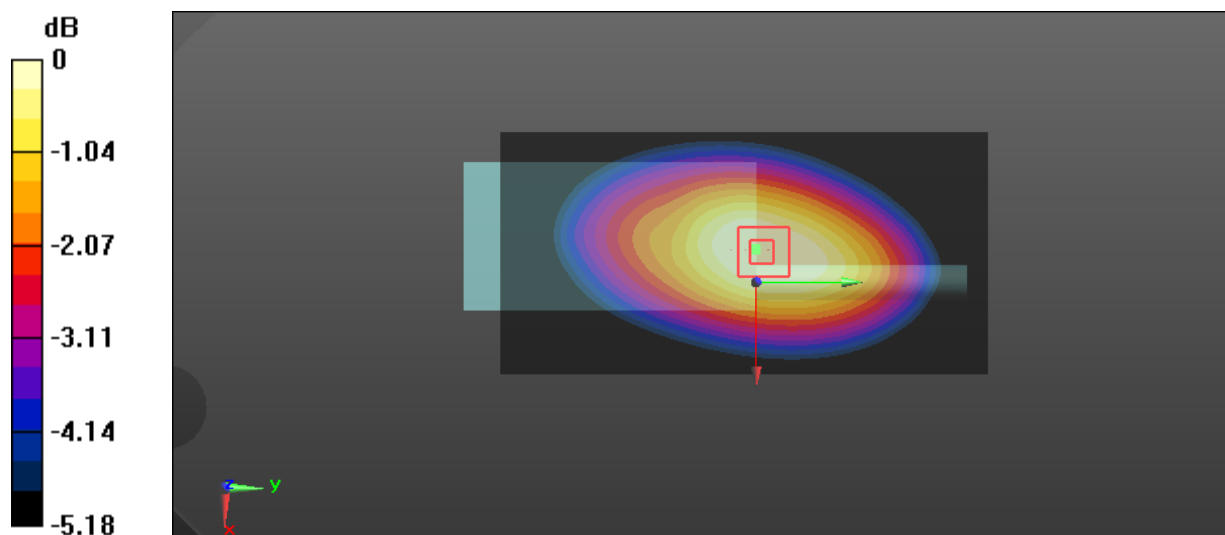
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 106.5 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 11.8 W/kg

**SAR(1 g) = 8.75 W/kg; SAR(10 g) = 6.51 W/kg**

Maximum value of SAR (measured) = 9.29 W/kg



0 dB = 9.29 W/kg = 9.68 dBW/kg

**Test Plot 23#: FM\_12.5kHz\_467.5125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HAAA; Serial: LC201130001-HA**

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.883$  S/m;  $\epsilon_r = 43.988$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.7 W/kg

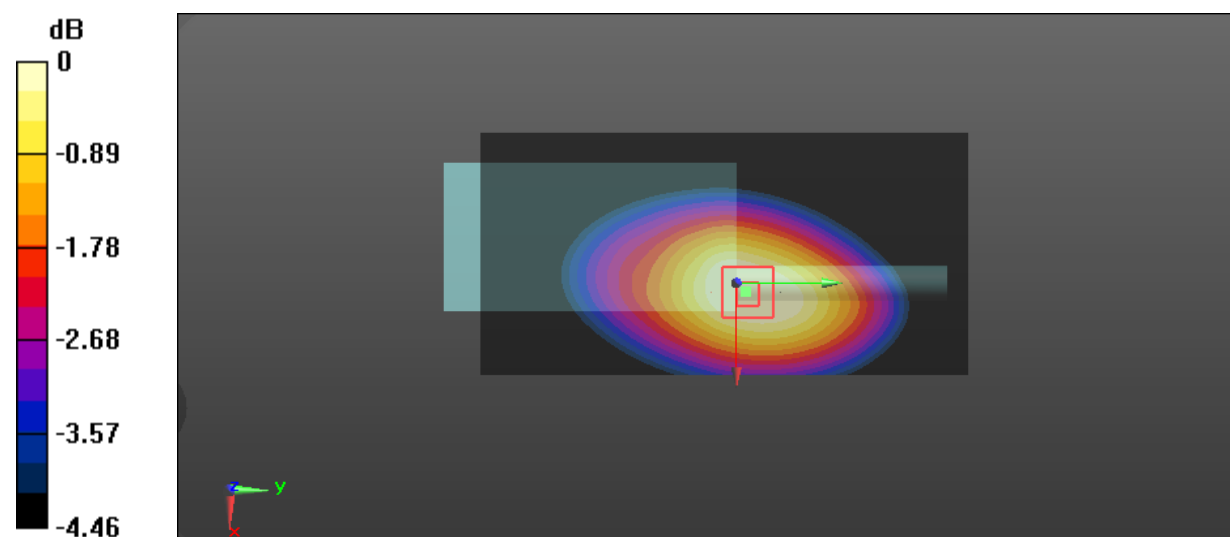
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.2 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 12.6 W/kg

**SAR(1 g) = 9.33 W/kg; SAR(10 g) = 6.98 W/kg**

Maximum value of SAR (measured) = 9.89 W/kg



0 dB = 9.89 W/kg = 9.95 dBW/kg

**Test Plot 24#: FM\_12.5kHz\_485.0125MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HAAA; Serial: LC201130001-HA**

Communication System: FM; Frequency: 485.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 485.012$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 43.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.4 W/kg

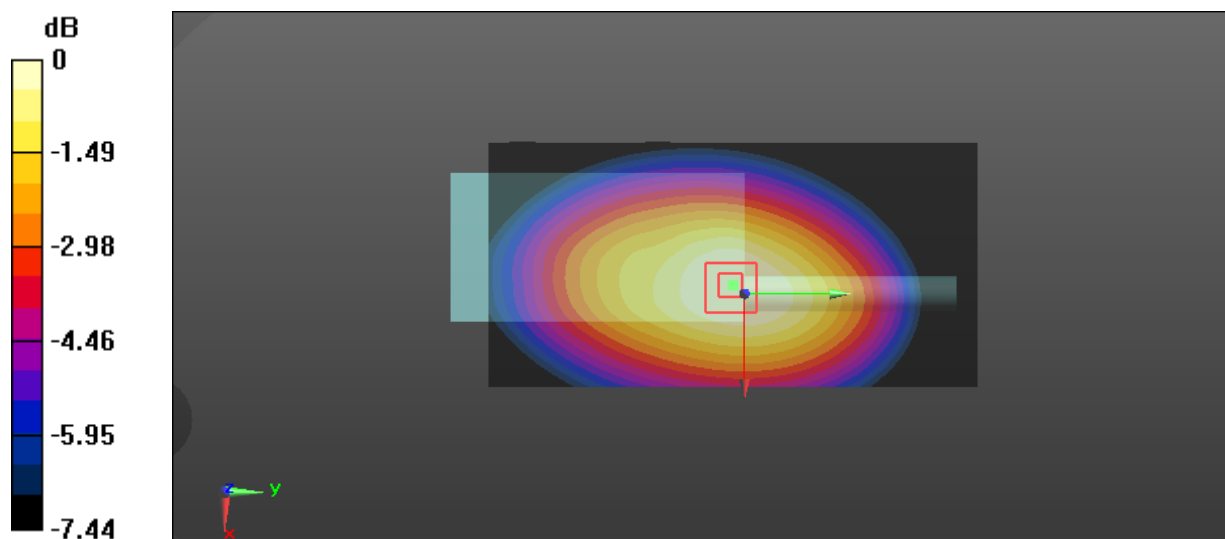
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 115.1 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 13.4 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.54 W/kg**

Maximum value of SAR (measured) = 10.7 W/kg



0 dB = 10.7 W/kg = 10.29 dBW/kg



**Test Plot 25#: FM\_12.5kHz\_502.4875MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HAAA; Serial: LC201130001-HA**

Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 502.488$  MHz;  $\sigma = 0.889$  S/m;  $\epsilon_r = 43.661$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

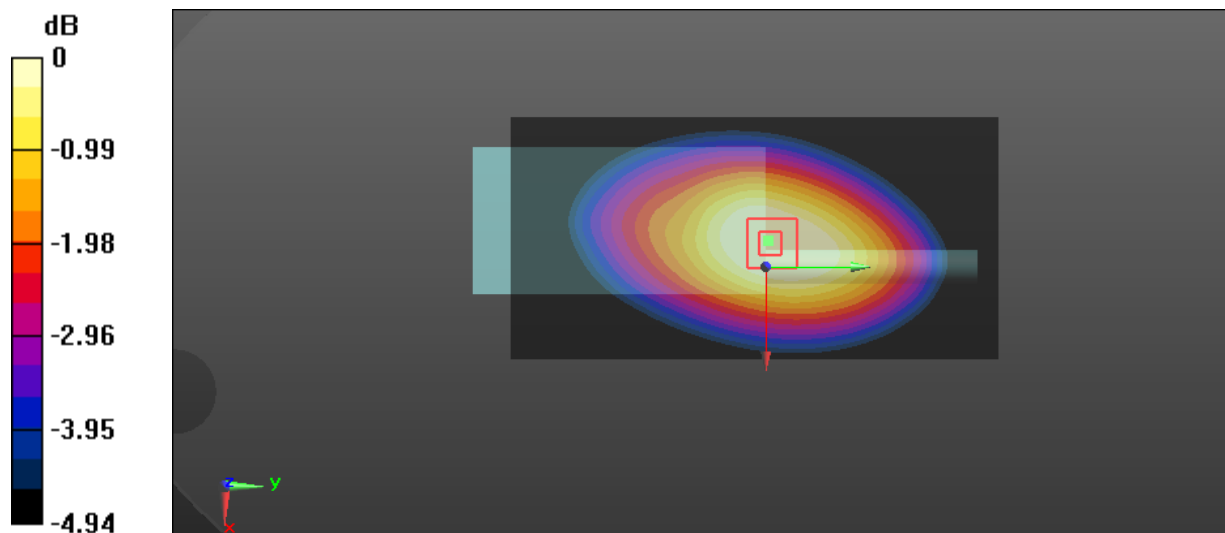
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.8 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 12.7 W/kg

**SAR(1 g) = 9.25 W/kg; SAR(10 g) = 6.92 W/kg**

Maximum value of SAR (measured) = 9.82 W/kg



0 dB = 9.82 W/kg = 9.92 dBW/kg

**Test Plot 26#: FM\_12.5kHz\_519.9875MHz\_Body Back****DUT: Two way radio; Type: T03-00302-HAAA; Serial: LC201130001-HA**

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 43.495$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.62 W/kg

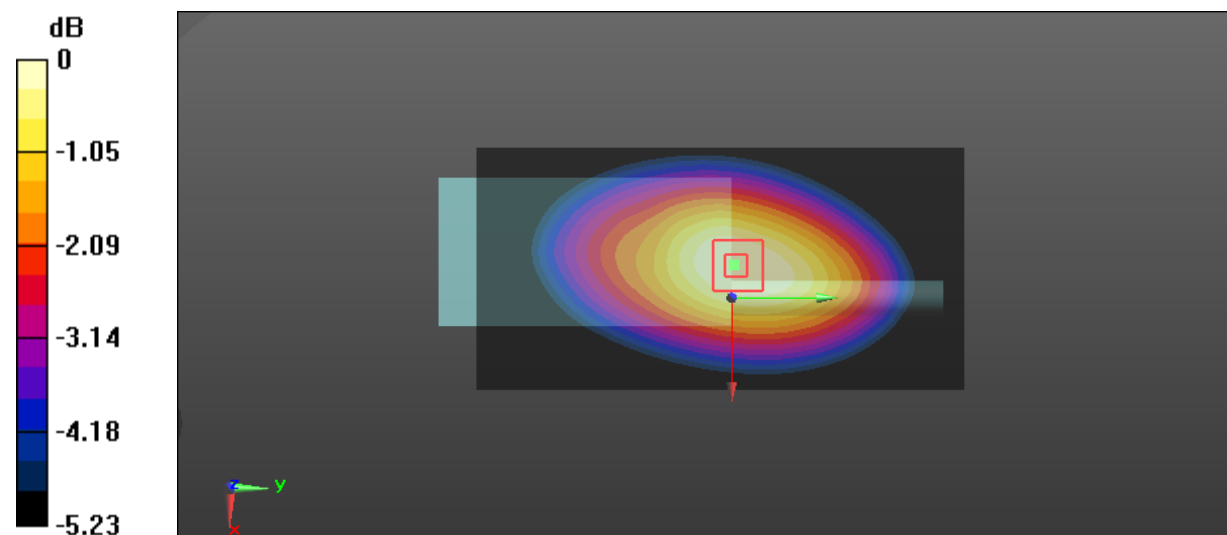
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 102.5 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 11.3 W/kg

**SAR(1 g) = 8.49 W/kg; SAR(10 g) = 6.34 W/kg**

Maximum value of SAR (measured) = 8.99 W/kg



0 dB = 8.99 W/kg = 9.54 dBW/kg

**Test Plot 27#: FM\_12.5kHz\_485.0125MHz\_Body Back with headset****DUT: Two way radio; Type: T03-00302-HCAA; Serial: LC201130001-HC**

Communication System: FM; Frequency: 485.012 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 485.012$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 43.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.8 W/kg

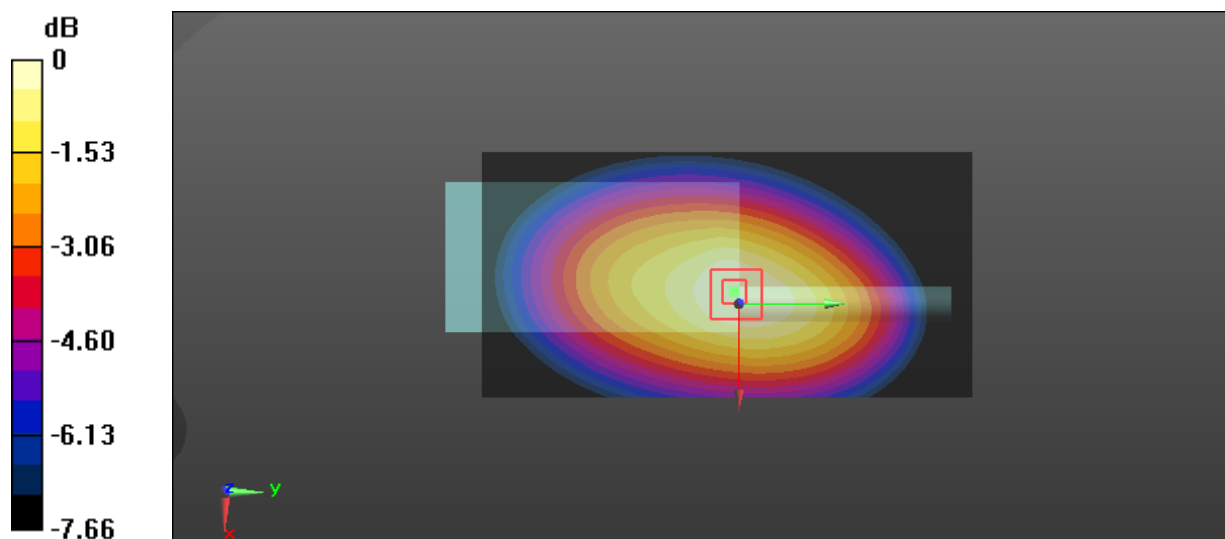
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 106.7 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 13.2 W/kg

**SAR(1 g) = 9.93 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