

**Test Plot 1#:DR7500-1\_FM\_12.5kHz\_Face Up\_136.0125 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 136.0125 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 136 \text{ MHz}$ ;  $\sigma = 0.732 \text{ S/m}$ ;  $\epsilon_r = 54.137$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.28 W/kg

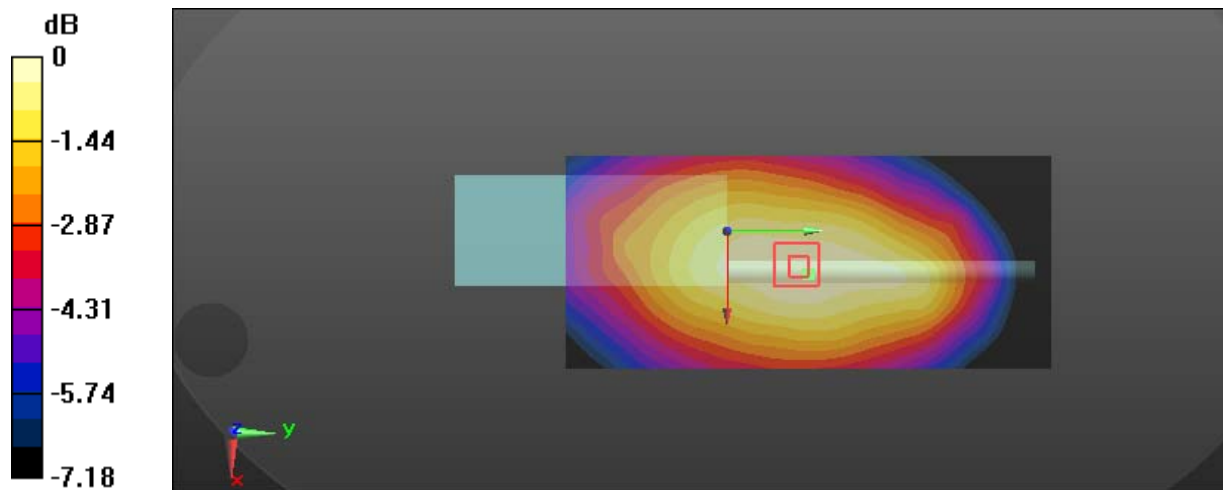
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 60.84 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.14 W/kg

**SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.81 W/kg**

Maximum value of SAR (measured) = 3.14 W/kg



0 dB = 3.14 W/kg = 4.97 dBW/kg

**Test Plot 2#:DR7500-1\_FM\_12.5kHz\_Face Up\_138.015 MHz****DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 138.015 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 138 \text{ MHz}$ ;  $\sigma = 0.738 \text{ S/m}$ ;  $\epsilon_r = 53.748$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

Maximum value of SAR (interpolated) = 4.11 W/kg

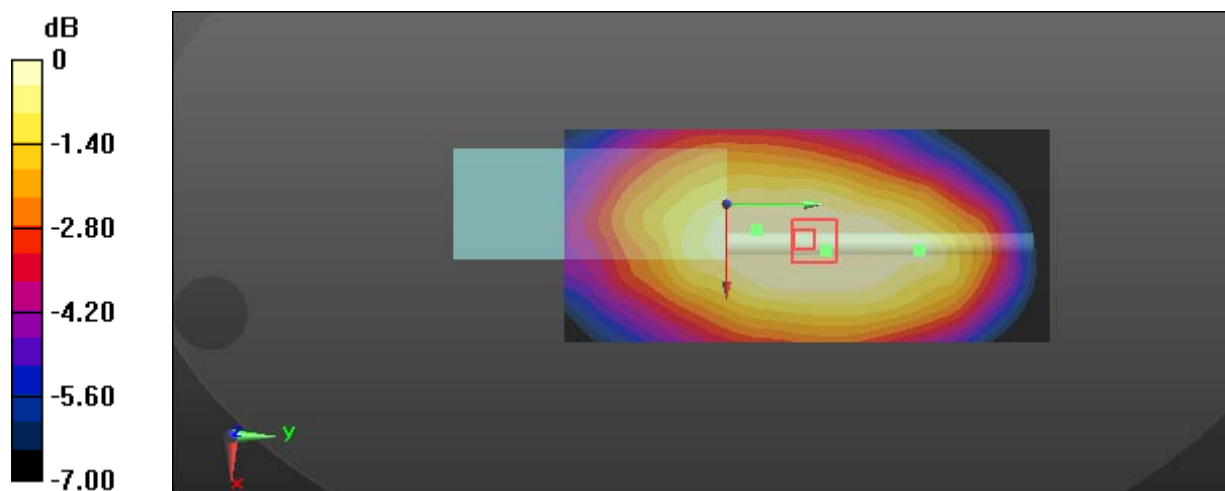
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 62.20 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.55 W/kg

**SAR(1 g) = 2.77 W/kg; SAR(10 g) = 2.11 W/kg**

Maximum value of SAR (measured) = 3.70 W/kg



0 dB = 3.70 W/kg = 5.68 dBW/kg

**Test Plot 3#:DR7500-1\_FM\_12.5kHz\_Face Up\_143.985 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 143.985 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 144 \text{ MHz}$ ;  $\sigma = 0.741 \text{ S/m}$ ;  $\epsilon_r = 53.819$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

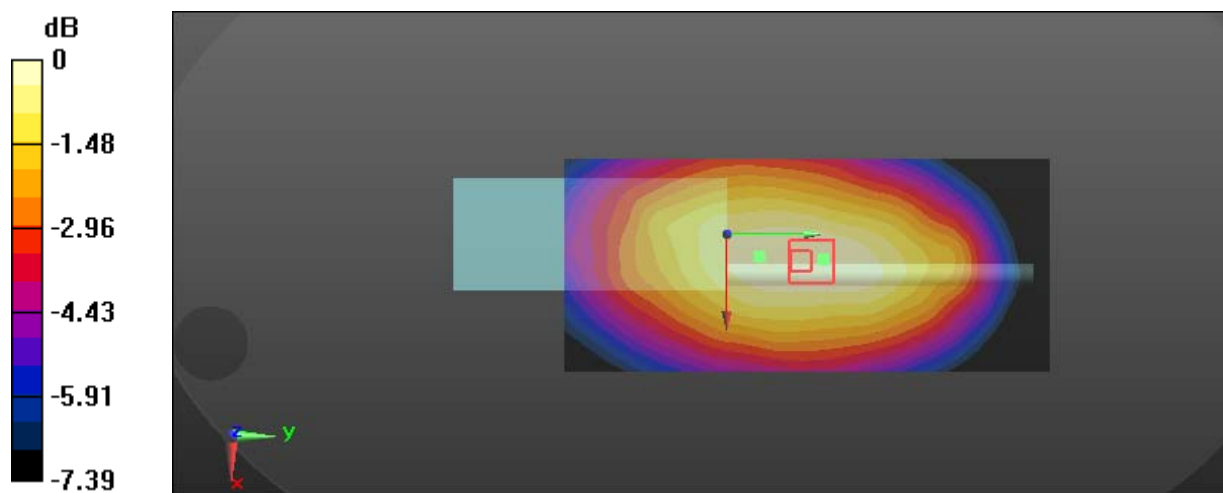
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 54.53 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.07 W/kg

**SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.92 W/kg**

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



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

**Test Plot 4#:DR7500-1\_FM\_12.5kHz\_Face Up\_151 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

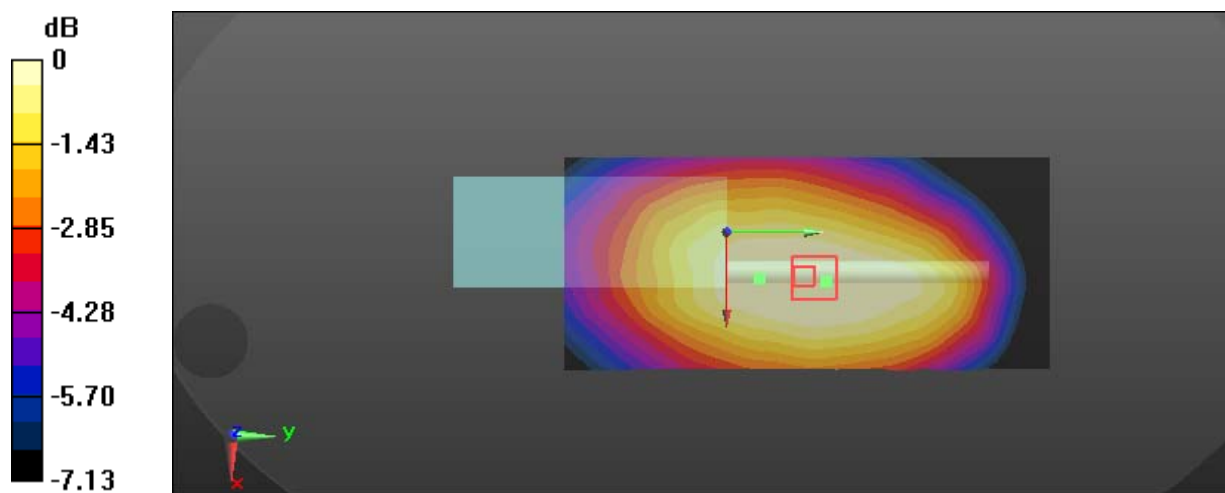
Communication System: PTT\_FM; Frequency: 151 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 151 \text{ MHz}$ ;  $\sigma = 0.737 \text{ S/m}$ ;  $\epsilon_r = 53.646$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 4.54 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 59.99 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 5.10 W/kg  
**SAR(1 g) = 3.29 W/kg; SAR(10 g) = 2.50 W/kg**  
 Maximum value of SAR (measured) = 4.27 W/kg



0 dB = 4.27 W/kg = 6.30 dBW/kg

**Test Plot 5#:DR7500-1\_FM\_12.5kHz\_Face Up\_155 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

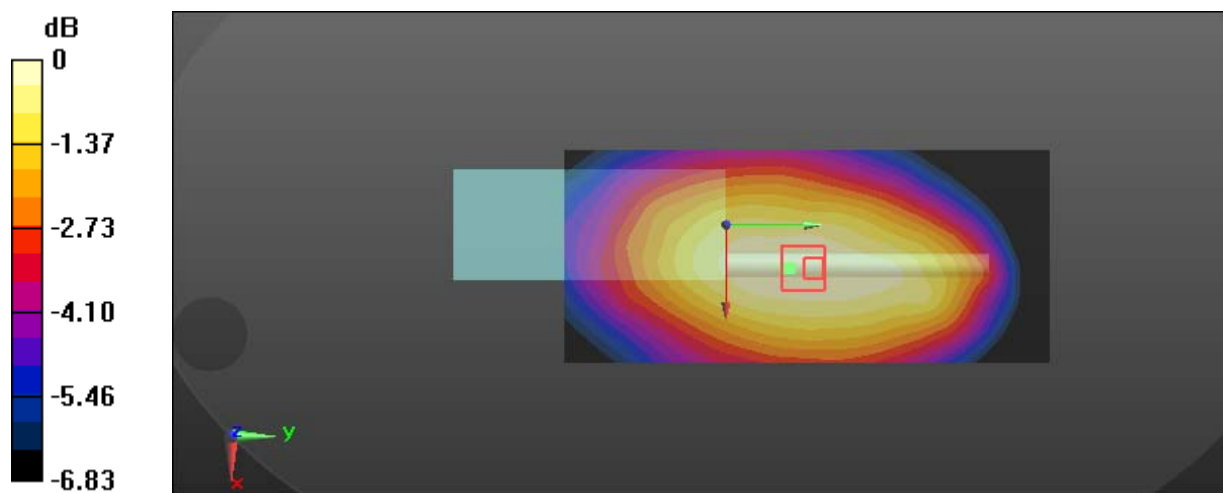
Communication System: PTT\_FM; Frequency: 155 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 155 \text{ MHz}$ ;  $\sigma = 0.744 \text{ S/m}$ ;  $\epsilon_r = 53.629$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 4.43 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 61.01 V/m; Power Drift = -0.05 dB  
 Peak SAR (extrapolated) = 5.26 W/kg  
**SAR(1 g) = 3.38 W/kg; SAR(10 g) = 2.6 W/kg**  
 Maximum value of SAR (measured) = 4.40 W/kg



0 dB = 4.40 W/kg = 6.43 dBW/kg

**Test Plot 6#:DR7500-1\_FM\_12.5kHz\_Face Up\_161.01 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 161.01 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 161 \text{ MHz}$ ;  $\sigma = 0.734 \text{ S/m}$ ;  $\epsilon_r = 54.081$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 4.54 W/kg

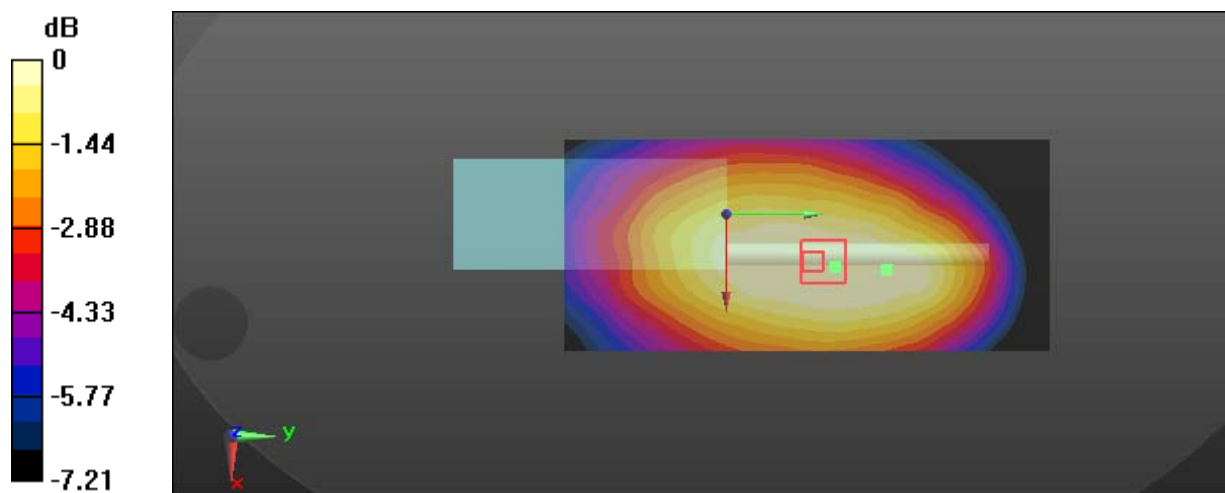
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 61.87 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.05 W/kg

**SAR(1 g) = 3.22 W/kg; SAR(10 g) = 2.47 W/kg**

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



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

**Test Plot 7#:DR7500-1\_FM\_12.5kHz\_Face Up\_165 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

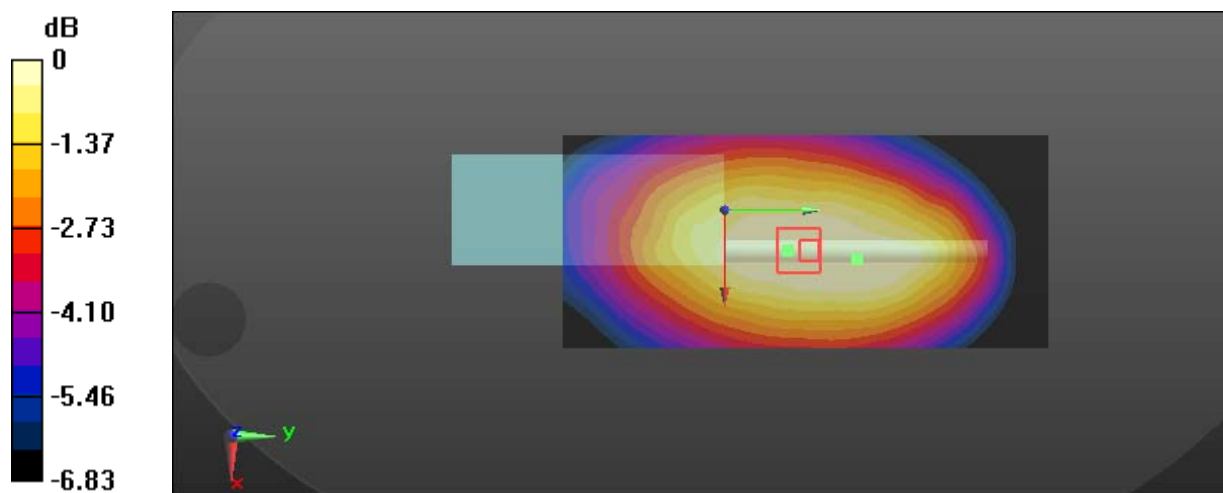
Communication System: PTT\_FM; Frequency: 165 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 165 \text{ MHz}$ ;  $\sigma = 0.748 \text{ S/m}$ ;  $\epsilon_r = 53.544$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 2.10 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 41.29 V/m; Power Drift = -0.06 dB  
 Peak SAR (extrapolated) = 2.42 W/kg  
**SAR(1 g) = 1.57 W/kg; SAR(10 g) = 1.21 W/kg**  
 Maximum value of SAR (measured) = 2.03 W/kg



0 dB = 2.03 W/kg = 3.08 dBW/kg

**Test Plot 8#:DR7500-1\_FM\_12.5kHz\_Face Up\_173.9875 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 173.9875 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 174 \text{ MHz}$ ;  $\sigma = 0.752 \text{ S/m}$ ;  $\epsilon_r = 53.28$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.77 W/kg

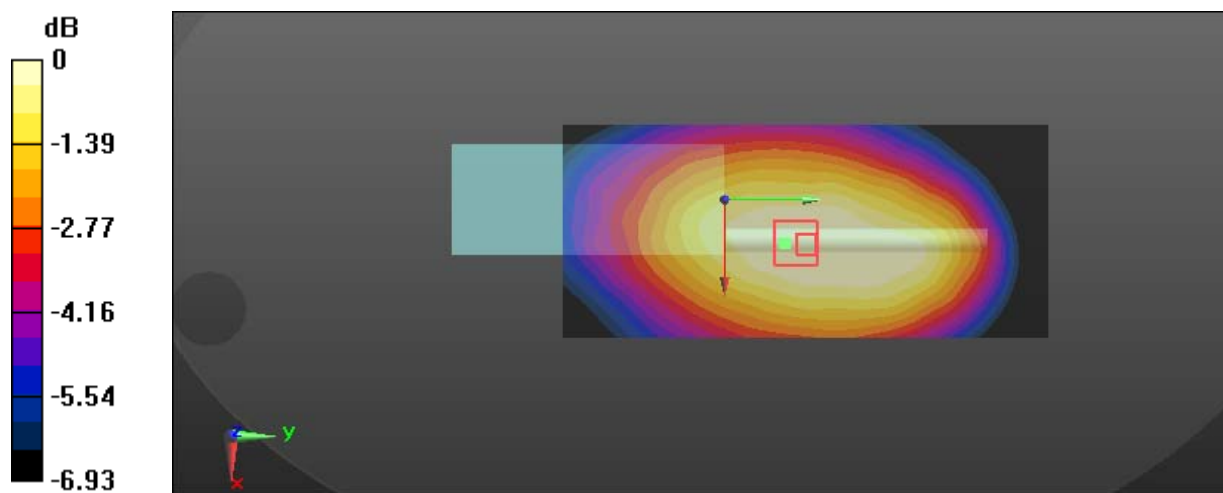
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 38.45 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.05 W/kg

**SAR(1 g) = 1.31 W/kg; SAR(10 g) = 1.01 W/kg**

Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.71 W/kg = 2.34 dBW/kg



**Test Plot 9#:DR7800-1\_FM\_12.5kHz\_Face Up\_138.015 MHz**

**DUT: FM TRANSCEIVER; Type: DR7800-1; Serial: 17020600228**

Communication System: PTT\_FM; Frequency: 138.015 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 138 \text{ MHz}$ ;  $\sigma = 0.738 \text{ S/m}$ ;  $\epsilon_r = 53.748$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.18 W/kg

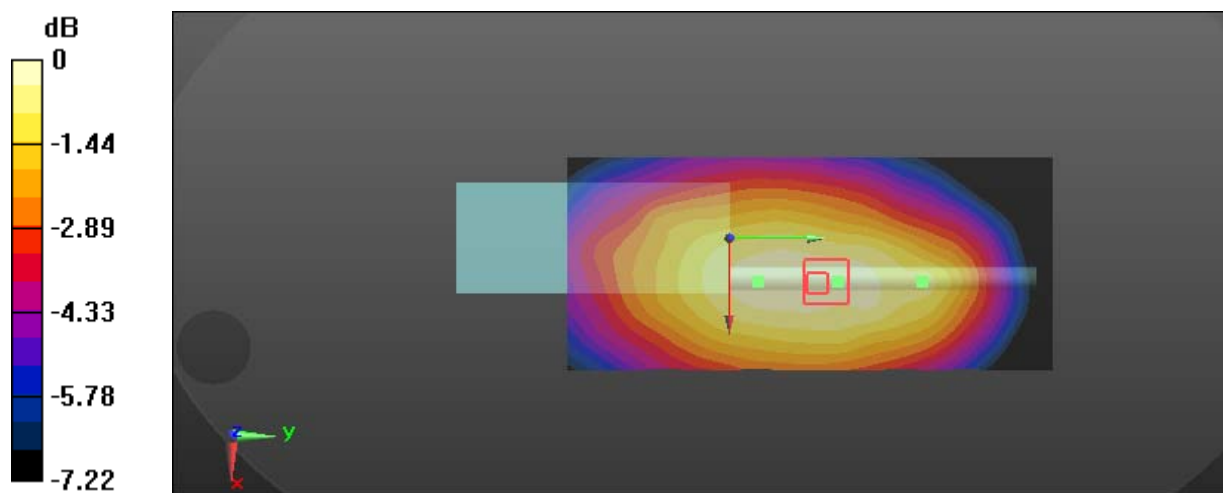
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 50.81 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.05 W/kg

**SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.86 W/kg**

Maximum value of SAR (measured) = 3.27 W/kg



0 dB = 3.27 W/kg = 5.15 dBW/kg

**Test Plot 10#:DR7800-1\_FM\_12.5kHz\_Face Up\_155 MHz**

**DUT: FM TRANSCEIVER; Type: DR7800-1; Serial: 17020600228**

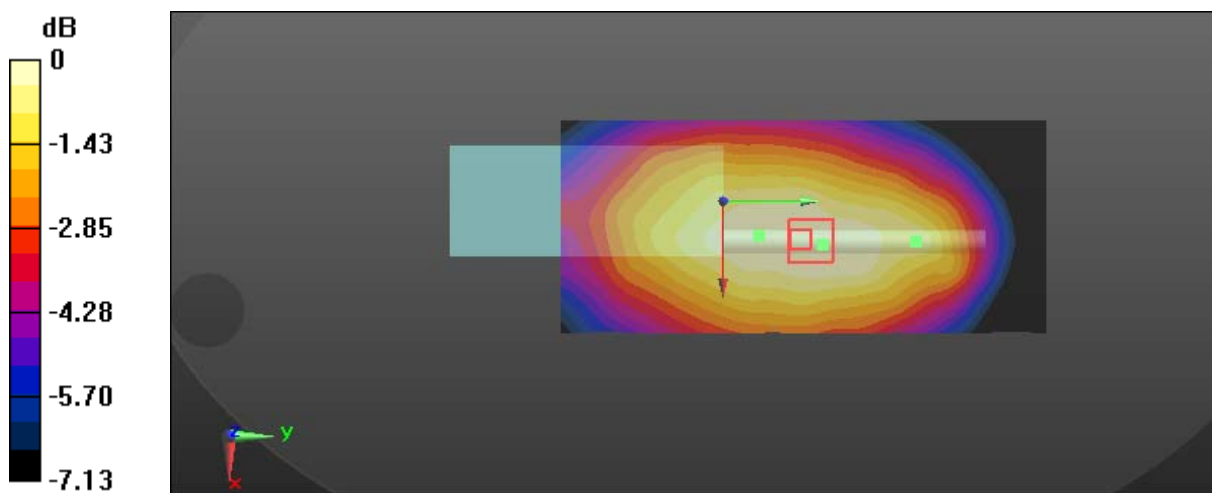
Communication System: PTT\_FM; Frequency: 155 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 155 \text{ MHz}$ ;  $\sigma = 0.744 \text{ S/m}$ ;  $\epsilon_r = 53.629$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 3.50 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 55.81 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 4.13 W/kg  
**SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.97 W/kg**  
Maximum value of SAR (measured) = 3.41 W/kg



0 dB = 3.41 W/kg = 5.33 dBW/kg

**Test Plot 11#:DR7500-1\_FM\_12.5kHz\_Body Back\_136.0125 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 136.0125 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 136 \text{ MHz}$ ;  $\sigma = 0.766 \text{ S/m}$ ;  $\epsilon_r = 63.595$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 12.3 W/kg

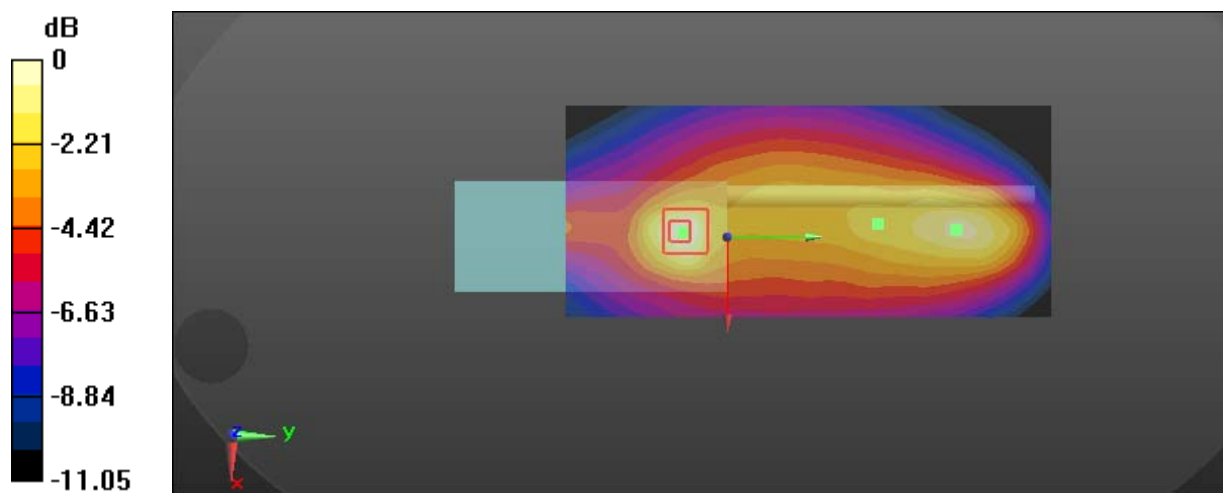
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 72.43 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 19.0 W/kg

**SAR(1 g) = 7.8 W/kg; SAR(10 g) = 4.74 W/kg**

Maximum value of SAR (measured) = 12.3 W/kg



0 dB = 12.3 W/kg = 10.90 dBW/kg

**Test Plot 12#:DR7500-1\_FM\_12.5kHz\_Body Back\_138.015 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 138.015 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 138 \text{ MHz}$ ;  $\sigma = 0.77 \text{ S/m}$ ;  $\epsilon_r = 63.364$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 16.2 W/kg

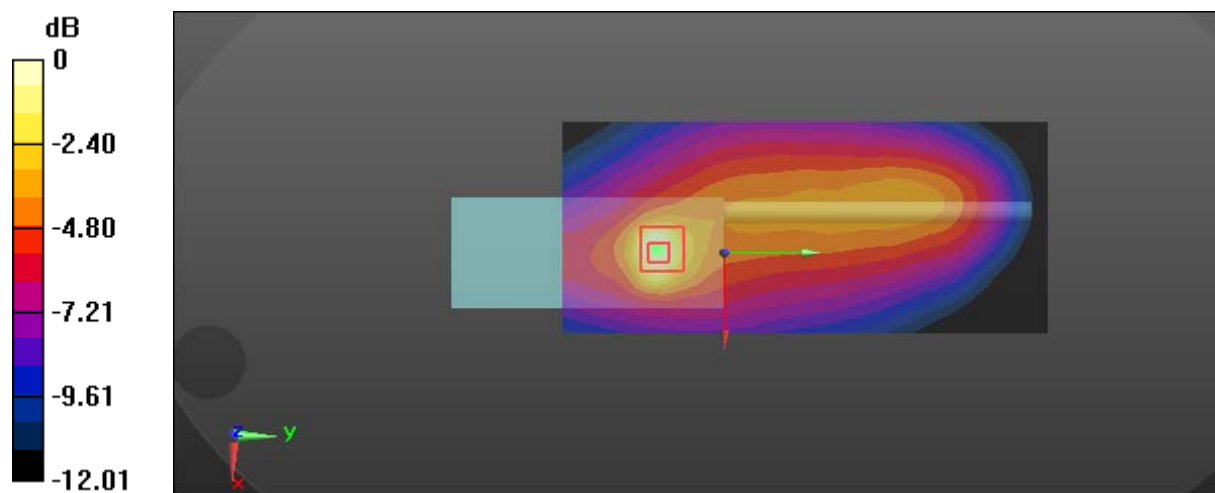
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 73.08 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 24.2 W/kg

**SAR(1 g) = 8.15 W/kg; SAR(10 g) = 4.59 W/kg**

Maximum value of SAR (measured) = 14.5 W/kg



0 dB = 14.5 W/kg = 11.61 dBW/kg

**Test Plot 13#:DR7500-1\_FM\_12.5kHz\_Body Back\_143.985 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 143.985 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 144 \text{ MHz}$ ;  $\sigma = 0.773 \text{ S/m}$ ;  $\epsilon_r = 63.324$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

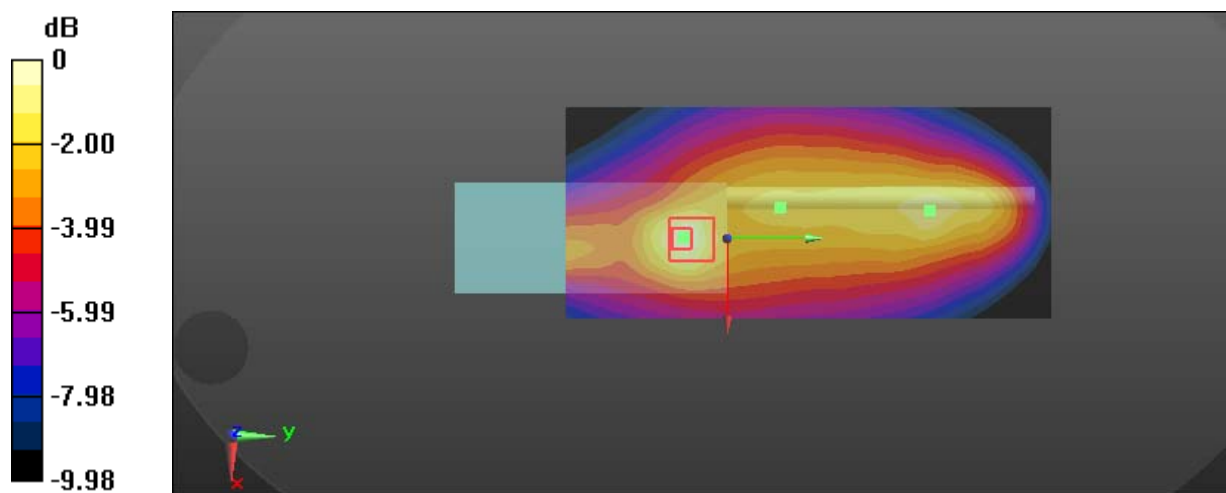
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 65.56 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 14.5 W/kg

**SAR(1 g) = 6.57 W/kg; SAR(10 g) = 4.27 W/kg**

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



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

**Test Plot 14#:DR7500-1\_FM\_12.5kHz\_Body Back\_149.9875 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 149.9875 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 150 \text{ MHz}$ ;  $\sigma = 0.774 \text{ S/m}$ ;  $\epsilon_r = 63.344$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.65 W/kg

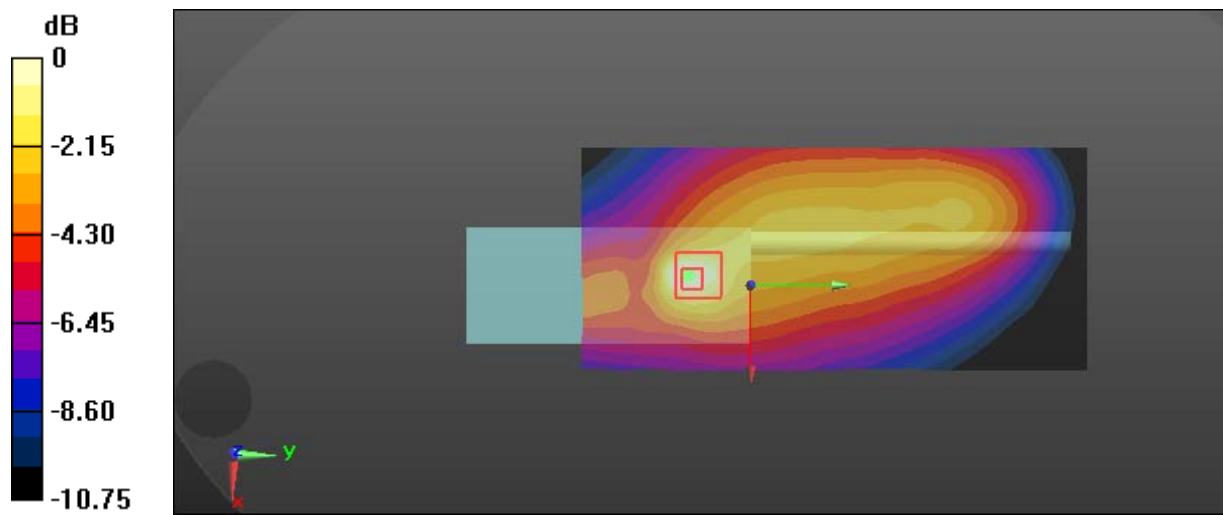
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 56.08 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 11.5 W/kg

**SAR(1 g) = 4.78 W/kg; SAR(10 g) = 3.03 W/kg**

Maximum value of SAR (measured) = 7.69 W/kg



0 dB = 7.69 W/kg = 8.86 dBW/kg

**Test Plot 15#:DR7500-1\_FM\_12.5kHz\_Body Back\_151 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 151 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 151 \text{ MHz}$ ;  $\sigma = 0.771 \text{ S/m}$ ;  $\epsilon_r = 63.265$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 6.10 W/kg

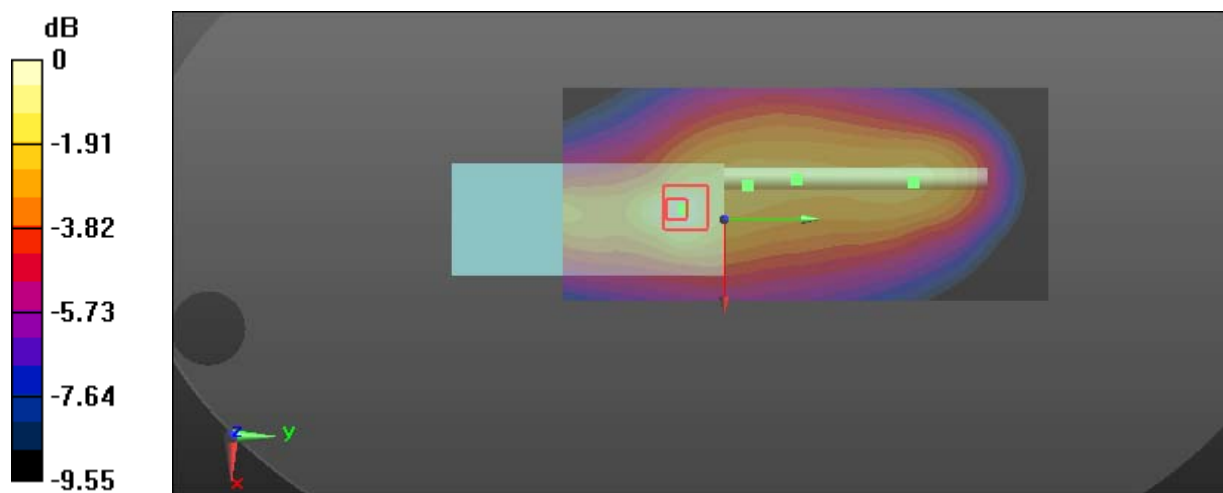
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 66.11 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 8.73 W/kg

**SAR(1 g) = 3.98 W/kg; SAR(10 g) = 2.62 W/kg**

Maximum value of SAR (measured) = 6.02 W/kg



0 dB = 6.02 W/kg = 7.80 dBW/kg

**Test Plot 16#:DR7500-1\_FM\_12.5kHz\_Body Back\_155 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

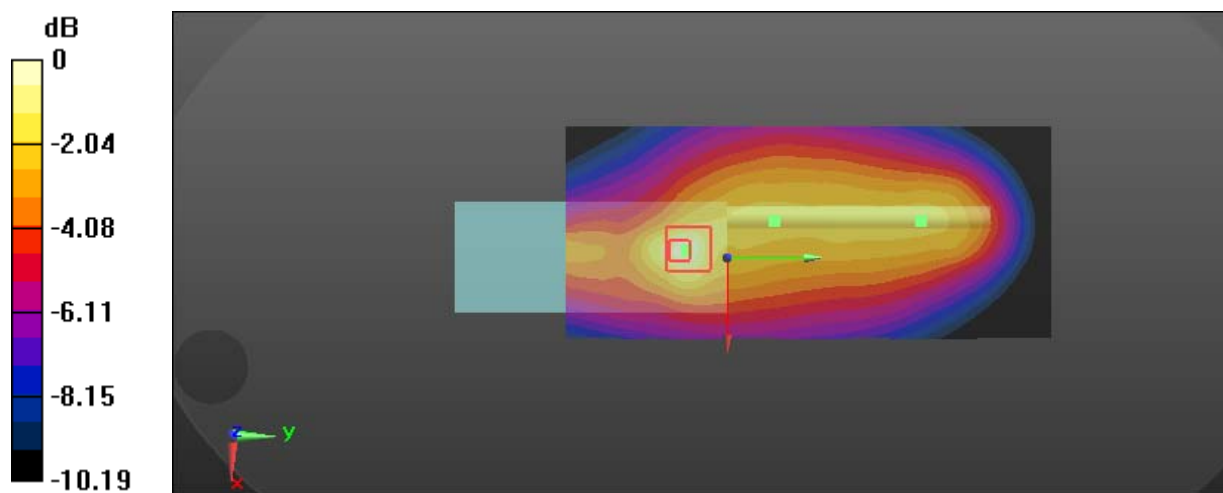
Communication System: PTT\_FM; Frequency: 155 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 155 \text{ MHz}$ ;  $\sigma = 0.783 \text{ S/m}$ ;  $\epsilon_r = 63.29$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 5.59 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 64.88 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 9.29 W/kg  
**SAR(1 g) = 3.8 W/kg; SAR(10 g) = 2.45 W/kg**  
 Maximum value of SAR (measured) = 6.04 W/kg



0 dB = 6.04 W/kg = 7.81 dBW/kg



**Test Plot 17#:DR7500-1\_FM\_12.5kHz\_Body Back\_161.01 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 161.01 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 161 \text{ MHz}$ ;  $\sigma = 0.779 \text{ S/m}$ ;  $\epsilon_r = 63.249$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 6.24 W/kg

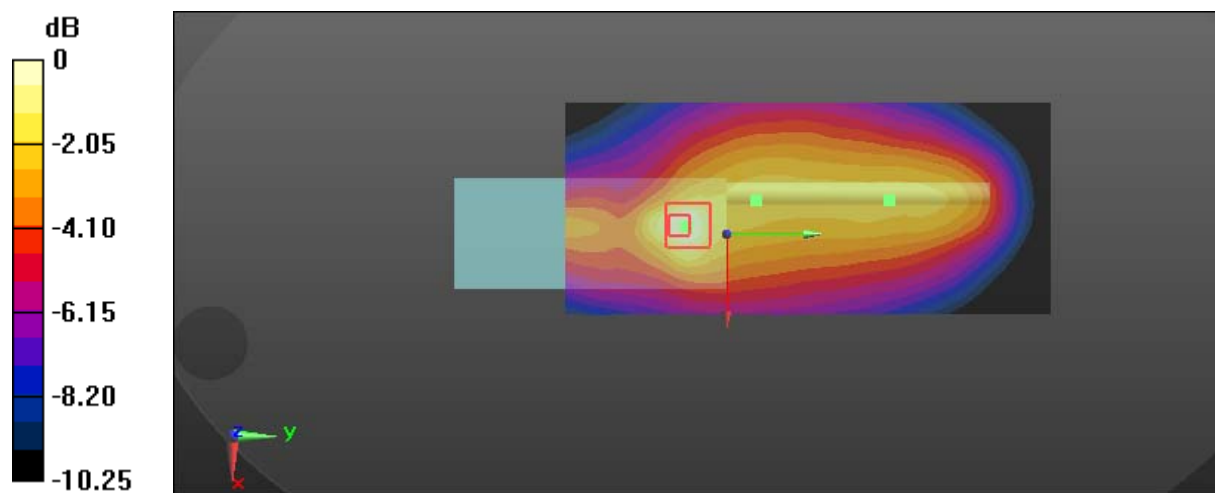
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 63.10 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 9.41 W/kg

**SAR(1 g) = 3.85 W/kg; SAR(10 g) = 2.43 W/kg**

Maximum value of SAR (measured) = 5.93 W/kg



0 dB = 5.93 W/kg = 7.73 dBW/kg

**Test Plot 18#:DR7500-1\_FM\_12.5kHz\_Body Back\_165 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 165 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 165 \text{ MHz}$ ;  $\sigma = 0.789 \text{ S/m}$ ;  $\epsilon_r = 63.244$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 4.36 W/kg

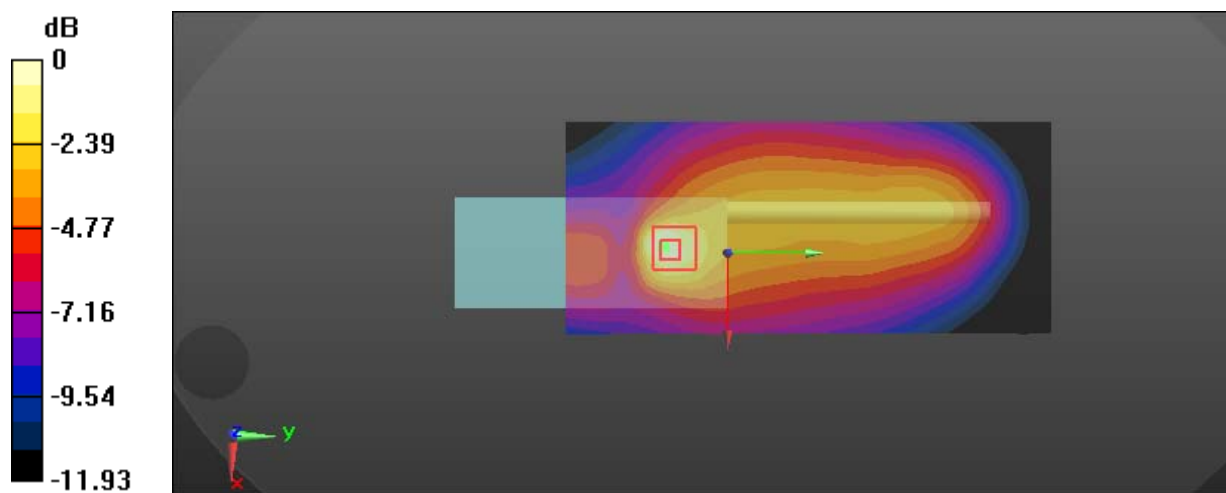
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 42.32 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 6.05 W/kg

**SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.22 W/kg**

Maximum value of SAR (measured) = 3.61 W/kg



0 dB = 3.61 W/kg = 5.58 dBW/kg

**Test Plot 19#:DR7500-1\_FM\_12.5kHz\_Body Back\_173.9875 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_FM; Frequency: 173.9875 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 174 \text{ MHz}$ ;  $\sigma = 0.798 \text{ S/m}$ ;  $\epsilon_r = 63.203$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

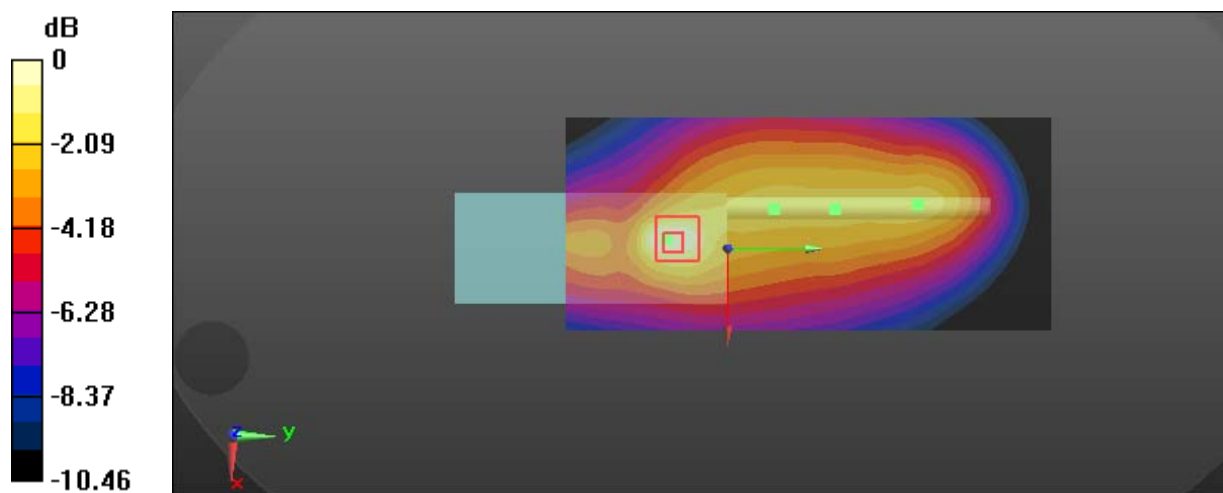
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 41.15 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.21 W/kg

**SAR(1 g) = 1.75 W/kg; SAR(10 g) = 1.11 W/kg**

Maximum value of SAR (measured) = 2.84 W/kg



0 dB = 2.84 W/kg = 4.53 dBW/kg

**Test Plot 20#:DR7800-1\_FM\_12.5kHz\_Body Back\_136.0125 MHz**

**DUT: FM TRANSCEIVER; Type: DR7800-1; Serial: 17020600228**

Communication System: PTT\_FM; Frequency: 136.0125 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 136 \text{ MHz}$ ;  $\sigma = 0.766 \text{ S/m}$ ;  $\epsilon_r = 63.595$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.47 W/kg

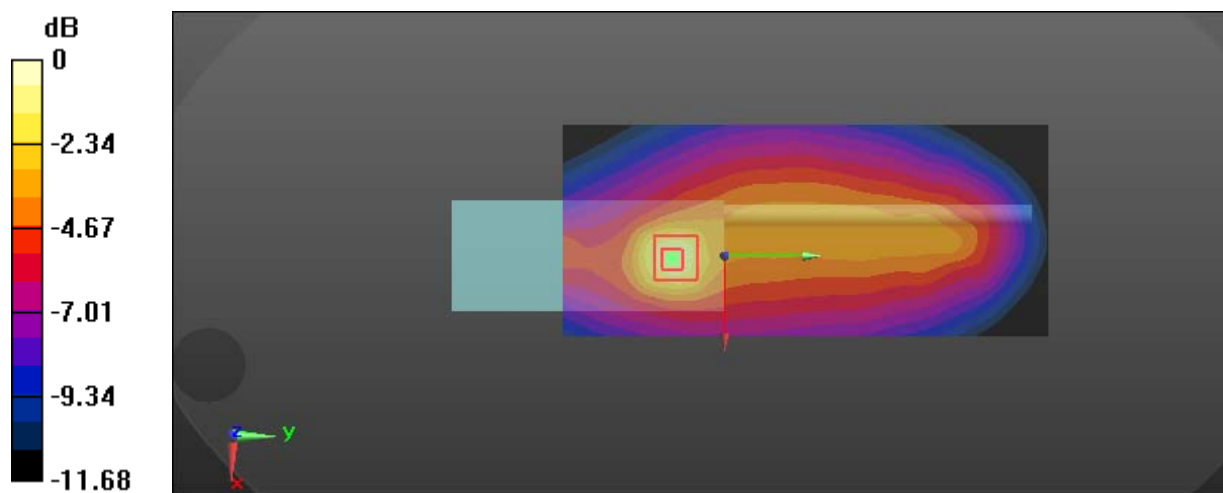
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 68.02 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 15.9 W/kg

**SAR(1 g) = 5.7 W/kg; SAR(10 g) = 3.29 W/kg**

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



0 dB = 9.85 W/kg = 9.93 dBW/kg

**Test Plot 21#:DR7800-1\_FM\_12.5kHz\_Body Back\_138.015 MHz**

**DUT: FM TRANSCEIVER; Type: DR7800-1; Serial: 17020600228**

Communication System: PTT\_FM; Frequency: 138.015 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 138 \text{ MHz}$ ;  $\sigma = 0.77 \text{ S/m}$ ;  $\epsilon_r = 63.364$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 12.3 W/kg

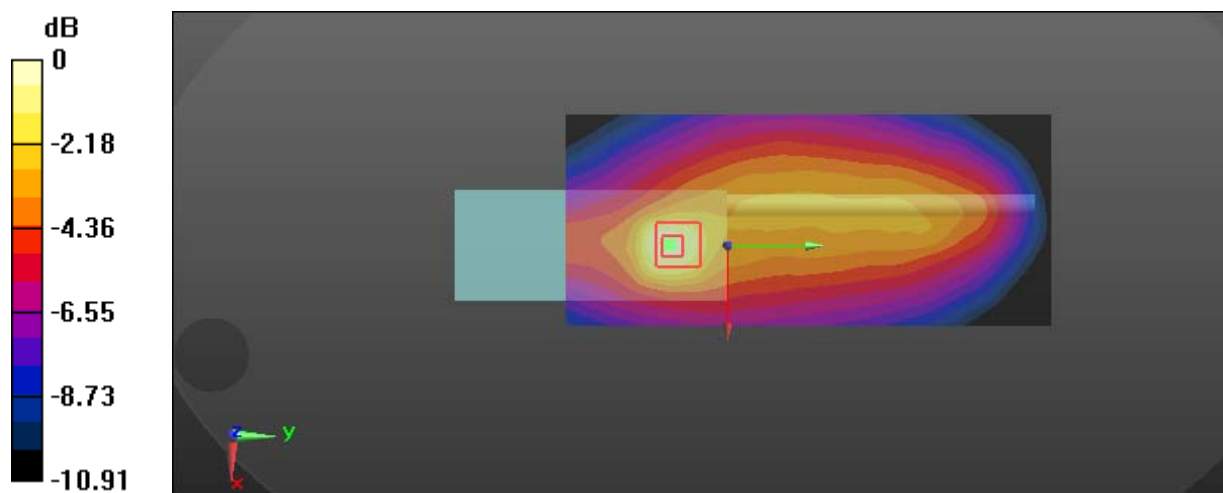
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 79.94 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 19.0 W/kg

**SAR(1 g) = 7.66 W/kg; SAR(10 g) = 4.71 W/kg**

Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg = 11.00 dBW/kg

**Test Plot 22#:DR7800-1\_FM\_12.5kHz\_Body Back\_143.985 MHz****DUT: FM TRANSCEIVER; Type: DR7800-1; Serial: 17020600228**

Communication System: PTT\_FM; Frequency: 143.985 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 144$  MHz;  $\sigma = 0.773$  S/m;  $\epsilon_r = 63.324$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

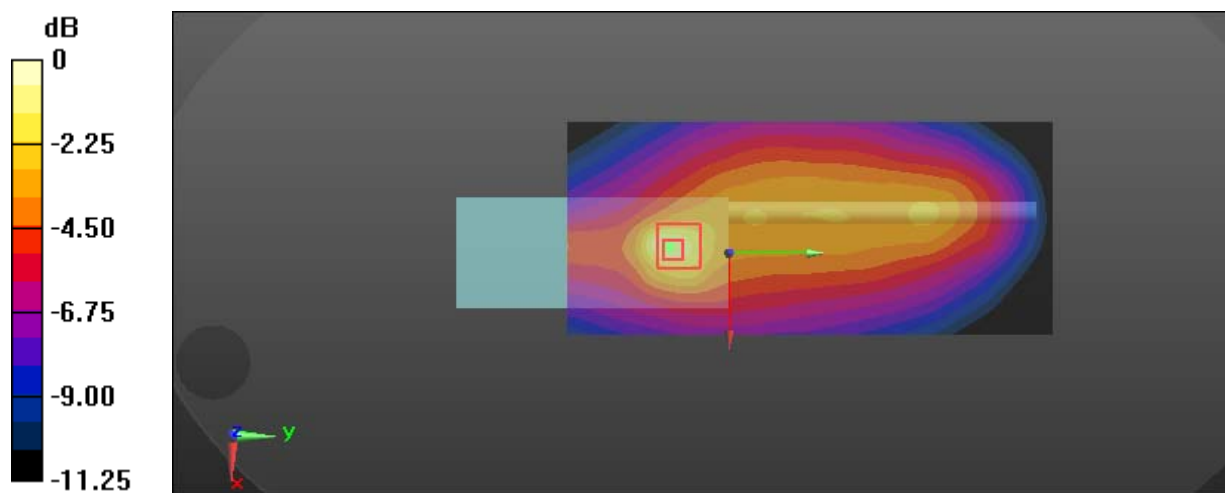
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 67.11 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 14.9 W/kg

**SAR(1 g) = 5.57 W/kg; SAR(10 g) = 3.38 W/kg**

Maximum value of SAR (measured) = 9.80 W/kg



0 dB = 9.80 W/kg = 9.91 dBW/kg

**Test Plot 23#:DR7800-1\_FM\_12.5kHz\_Body Back\_149.9875 MHz**

**DUT: FM TRANSCEIVER; Type: DR7800-1; Serial: 17020600228**

Communication System: PTT\_FM; Frequency: 149.9875 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated):  $f = 150 \text{ MHz}$ ;  $\sigma = 0.774 \text{ S/m}$ ;  $\epsilon_r = 63.344$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 6.03 W/kg

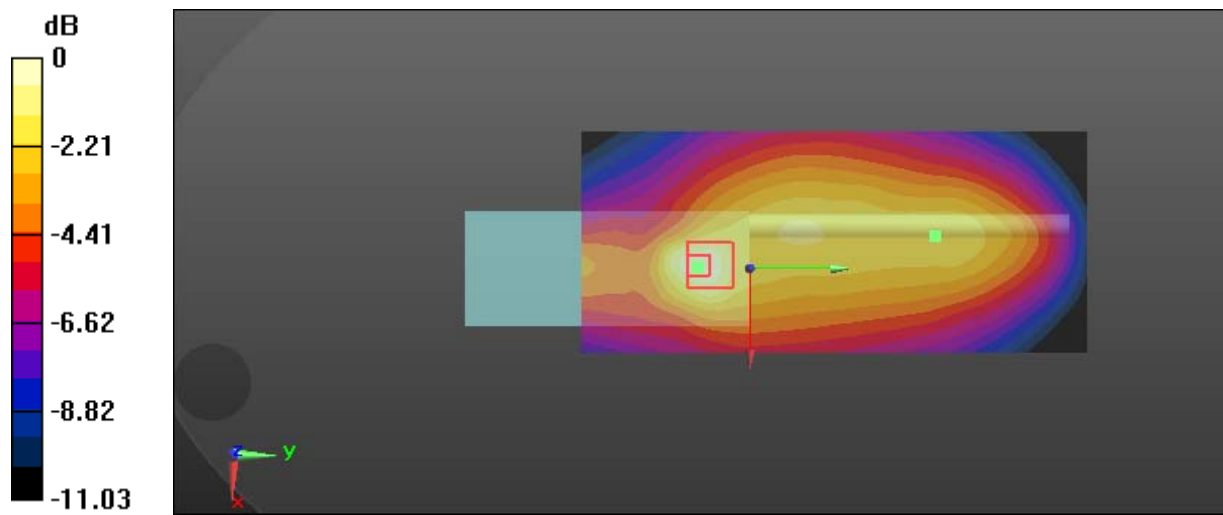
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 58.13 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 9.94 W/kg

**SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.7 W/kg**

Maximum value of SAR (measured) = 6.27 W/kg



0 dB = 6.27 W/kg = 7.97 dBW/kg

**Test Plot 24#:DR7800-1\_FM\_12.5kHz\_Body Back\_151 MHz**

**DUT: FM TRANSCEIVER; Type: DR7800-1; Serial: 17020600228**

Communication System: PTT\_FM; Frequency: 151 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 151 \text{ MHz}$ ;  $\sigma = 0.771 \text{ S/m}$ ;  $\epsilon_r = 63.265$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 4.53 W/kg

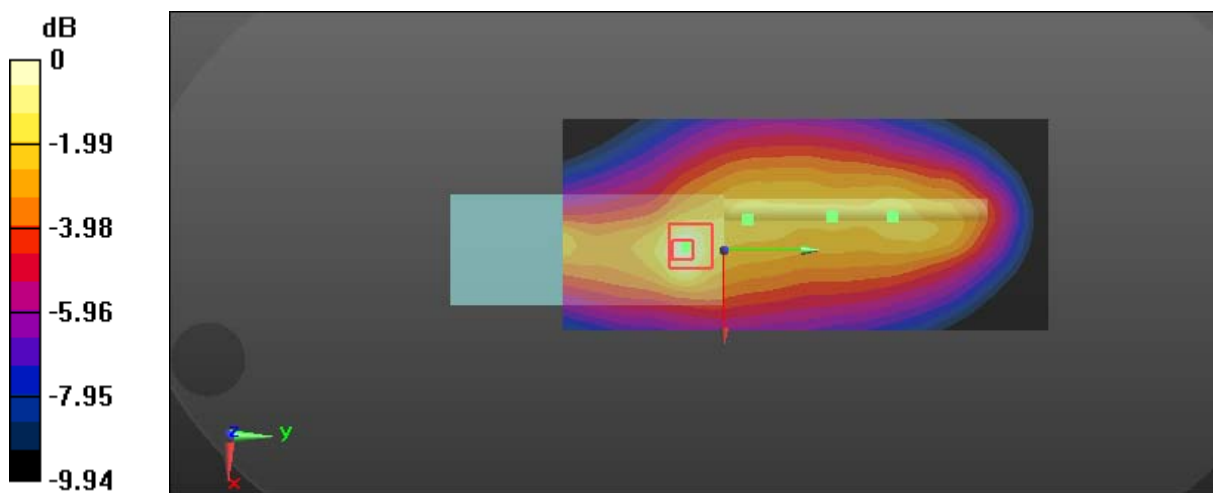
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 53.31 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 7.52 W/kg

**SAR(1 g) = 3.1 W/kg; SAR(10 g) = 1.99 W/kg**

Maximum value of SAR (measured) = 4.94 W/kg



0 dB = 4.94 W/kg = 6.94 dBW/kg



**Test Plot 25#:DR7500-1\_4FSK\_12.5kHz\_Face Up\_136.0125 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 136.0125 MHz;Duty Cycle: 1:2

Medium parameters used (extrapolated):  $f = 136 \text{ MHz}$ ;  $\sigma = 0.732 \text{ S/m}$ ;  $\epsilon_r = 54.137$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.40 W/kg

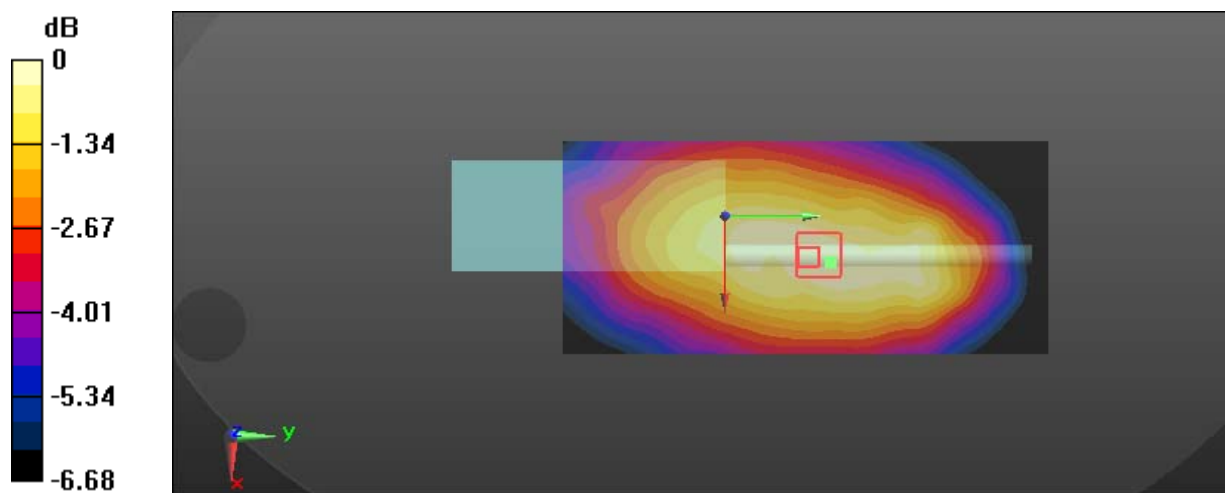
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 35.52 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.79 W/kg**

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

**Test Plot 26#:DR7500-1\_4FSK\_12.5kHz\_Face Up\_138.015 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 138.015 MHz;Duty Cycle: 1:2

Medium parameters used (extrapolated):  $f = 138 \text{ MHz}$ ;  $\sigma = 0.738 \text{ S/m}$ ;  $\epsilon_r = 53.748$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.39 W/kg

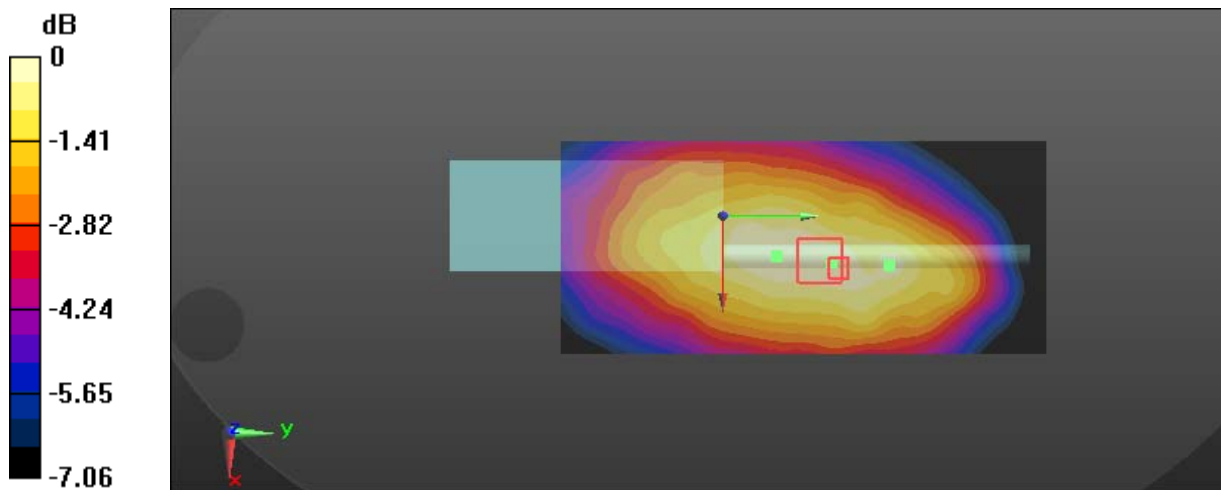
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 45.17 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.87 W/kg

**SAR(1 g) = 1.66 W/kg; SAR(10 g) = 1.28 W/kg**

Maximum value of SAR (measured) = 2.25 W/kg



0 dB = 2.25 W/kg = 3.51 dBW/kg

**Test Plot 27#:DR7500-1\_4FSK\_12.5kHz\_Face Up\_143.985 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 143.985 MHz;Duty Cycle: 1:2

Medium parameters used (extrapolated):  $f = 144 \text{ MHz}$ ;  $\sigma = 0.741 \text{ S/m}$ ;  $\epsilon_r = 53.819$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.07 W/kg

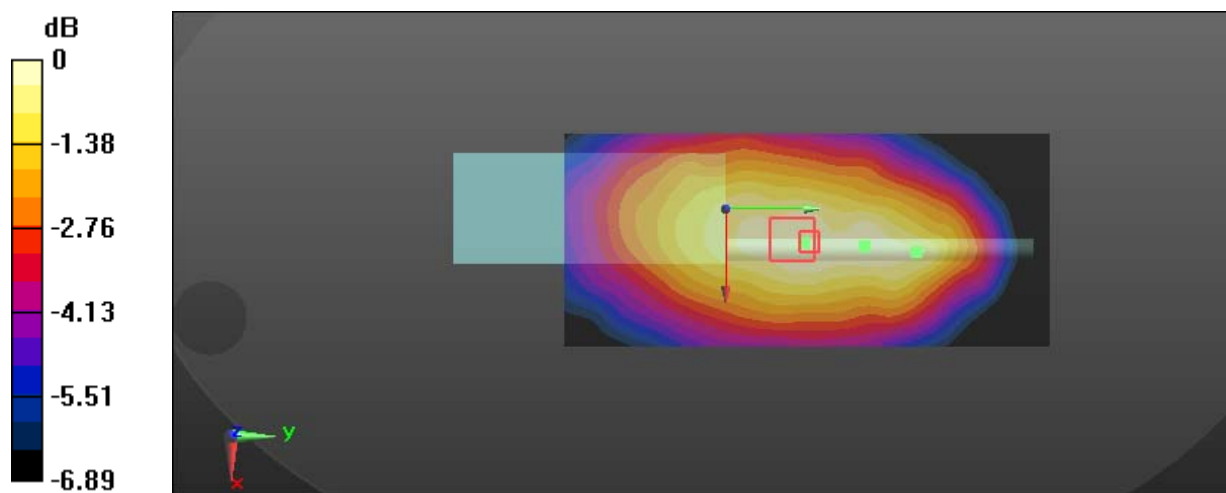
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 42.96 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.42 W/kg

**SAR(1 g) = 1.49 W/kg; SAR(10 g) = 1.13 W/kg**

Maximum value of SAR (measured) = 2.00 W/kg



0 dB = 2.00 W/kg = 3.01 dBW/kg

**Test Plot 28#:DR7500-1\_4FSK\_12.5kHz\_Face Up\_151 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 151 MHz;Duty Cycle: 1:2

Medium parameters used:  $f = 151 \text{ MHz}$ ;  $\sigma = 0.737 \text{ S/m}$ ;  $\epsilon_r = 53.646$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.35 W/kg

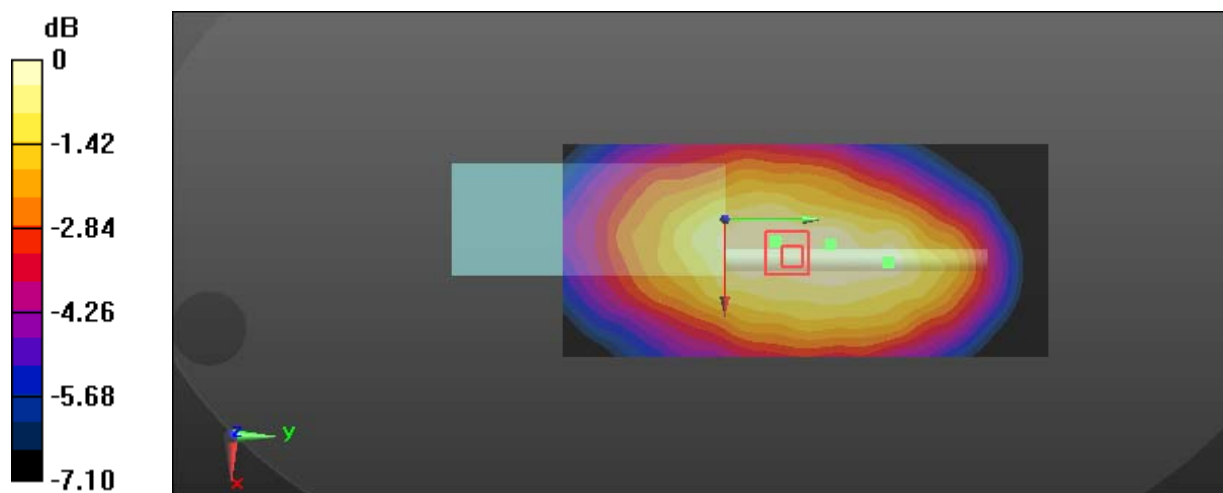
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 33.01 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.780 W/kg**

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



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

**Test Plot 29#:DR7500-1\_4FSK\_12.5kHz\_Face Up\_155 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 155 MHz;Duty Cycle: 1:2

Medium parameters used:  $f = 155 \text{ MHz}$ ;  $\sigma = 0.744 \text{ S/m}$ ;  $\epsilon_r = 53.629$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.36 W/kg

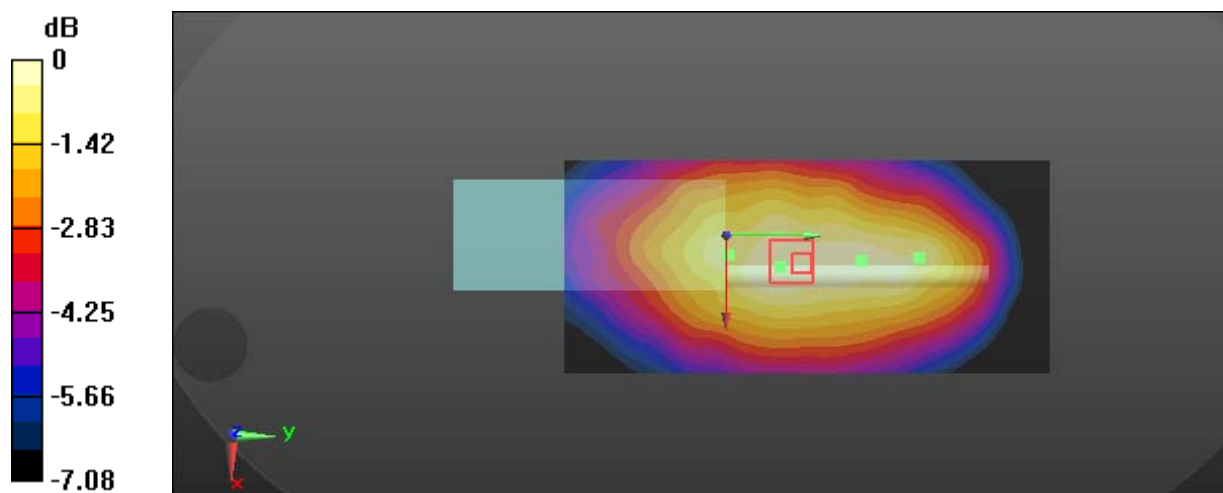
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 43.63 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.83 W/kg

**SAR(1 g) = 1.76 W/kg; SAR(10 g) = 1.35 W/kg**

Maximum value of SAR (measured) = 2.37 W/kg



0 dB = 2.37 W/kg = 3.75 dBW/kg

**Test Plot 30#:DR7500-1\_4FSK\_12.5kHz\_Face Up\_161.01 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 161.01 MHz;Duty Cycle: 1:2

Medium parameters used (extrapolated):  $f = 161 \text{ MHz}$ ;  $\sigma = 0.734 \text{ S/m}$ ;  $\epsilon_r = 54.081$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.15 W/kg

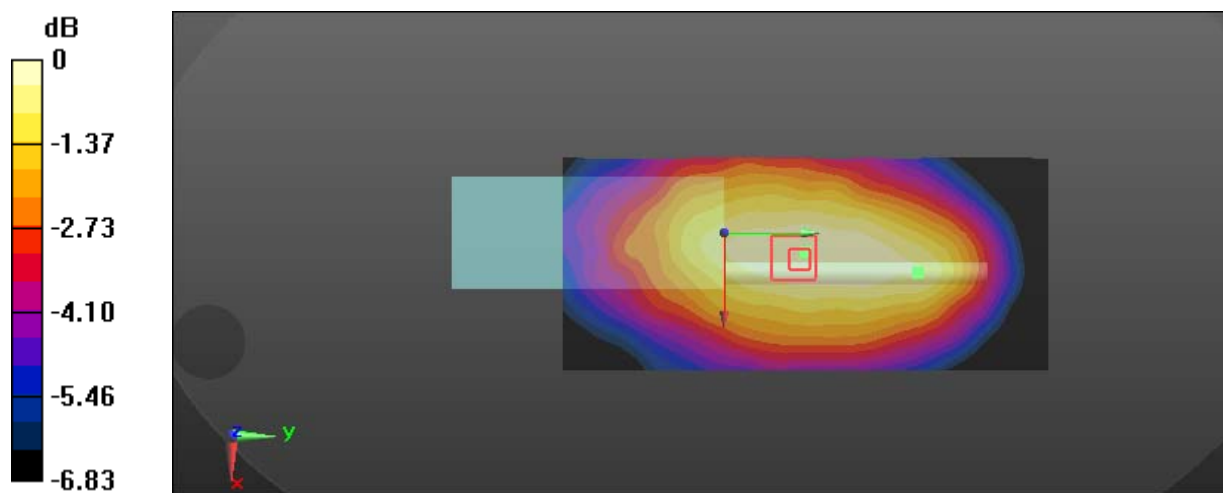
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 40.38 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.48 W/kg

**SAR(1 g) = 1.57 W/kg; SAR(10 g) = 1.21 W/kg**

Maximum value of SAR (measured) = 2.06 W/kg



0 dB = 2.06 W/kg = 3.14 dBW/kg

**Test Plot 31#:DR7500-1\_4FSK\_12.5kHz\_Face Up\_165 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 165 MHz;Duty Cycle: 1:2

Medium parameters used:  $f = 165 \text{ MHz}$ ;  $\sigma = 0.748 \text{ S/m}$ ;  $\epsilon_r = 53.544$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

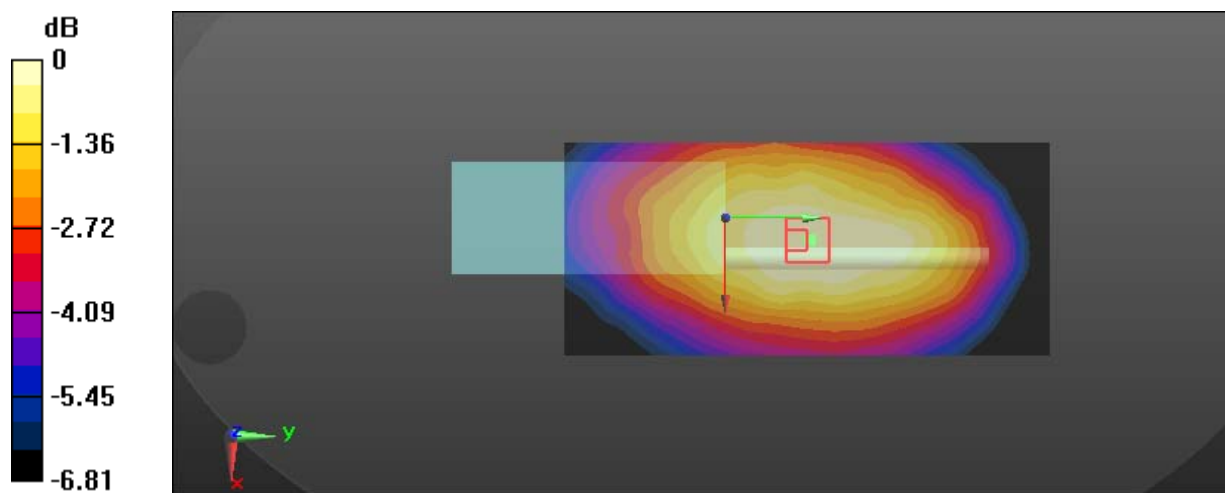
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 33.63 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.66 W/kg**

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

**Test Plot 32#:DR7500-1\_4FSK\_12.5kHz\_Face Up\_173.9875 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 173.9875 MHz;Duty Cycle: 1:2

Medium parameters used (extrapolated):  $f = 174 \text{ MHz}$ ;  $\sigma = 0.752 \text{ S/m}$ ;  $\epsilon_r = 53.28$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.02 W/kg

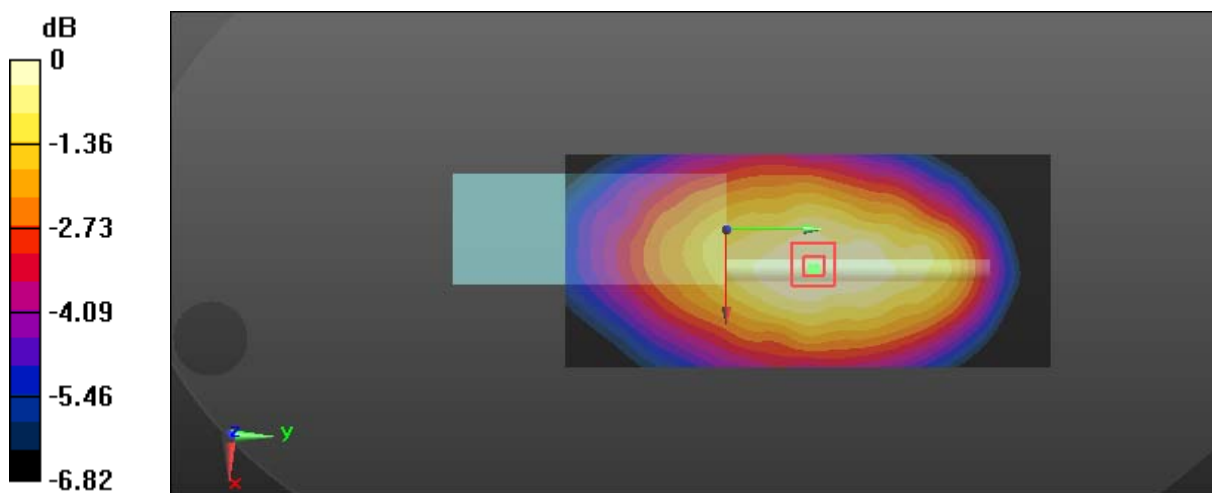
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 28.94 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.58 W/kg**

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg



**Test Plot 33#:DR7800-1\_4FSK\_12.5kHz\_Face Up\_138.015 MHz**

**DUT: FM TRANSCEIVER; Type: DR7800-1; Serial: 17020600228**

Communication System: PTT\_4FSK; Frequency: 138.015 MHz;Duty Cycle: 1:2

Medium parameters used (extrapolated):  $f = 138 \text{ MHz}$ ;  $\sigma = 0.738 \text{ S/m}$ ;  $\epsilon_r = 53.748$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.83 W/kg

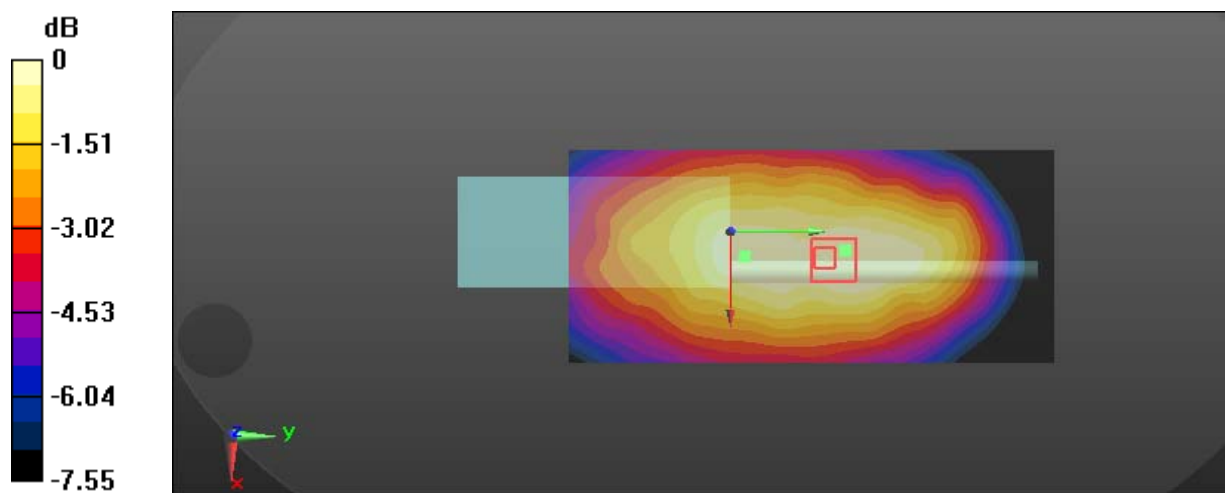
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 38.70 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.15 W/kg

**SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.981 W/kg**

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

**Test Plot 34#:DR7800-1\_4FSK\_12.5kHz\_Face Up\_155 MHz**

**DUT: FM TRANSCEIVER; Type: DR7800-1; Serial: 17020600228**

Communication System: PTT\_4FSK; Frequency: 155 MHz;Duty Cycle: 1:2

Medium parameters used:  $f = 155 \text{ MHz}$ ;  $\sigma = 0.744 \text{ S/m}$ ;  $\epsilon_r = 53.629$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(13.25, 13.25, 13.25); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.84 W/kg

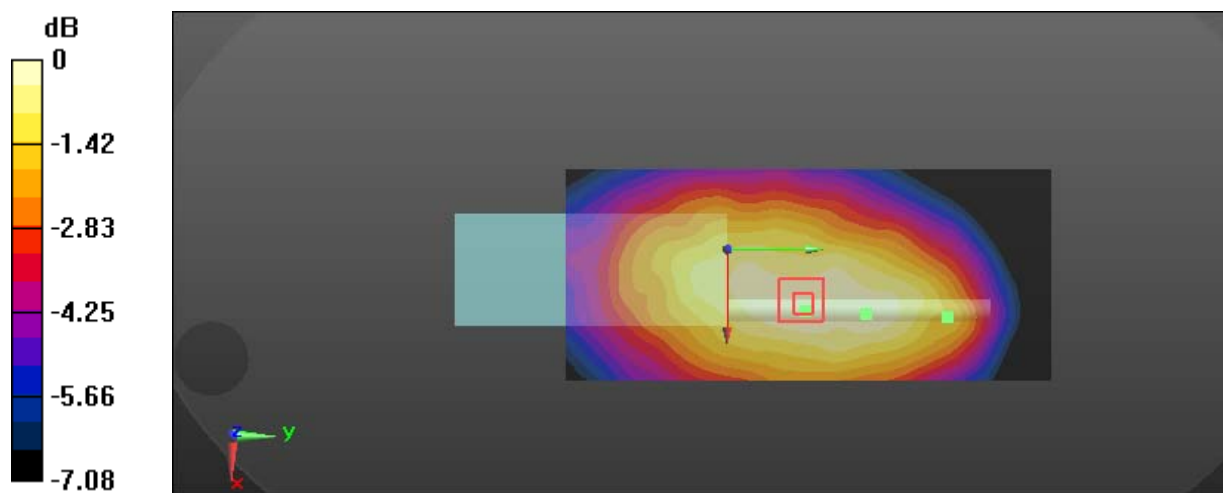
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 38.79 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.23 W/kg

**SAR(1 g) = 1.4 W/kg; SAR(10 g) = 1.08 W/kg**

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



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

**Test Plot 35#:DR7500-1\_4FSK\_12.5kHz\_Body Back\_136.0125 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 136.0125 MHz; Duty Cycle: 1:2

Medium parameters used (extrapolated):  $f = 136 \text{ MHz}$ ;  $\sigma = 0.766 \text{ S/m}$ ;  $\epsilon_r = 63.595$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 7.54 W/kg

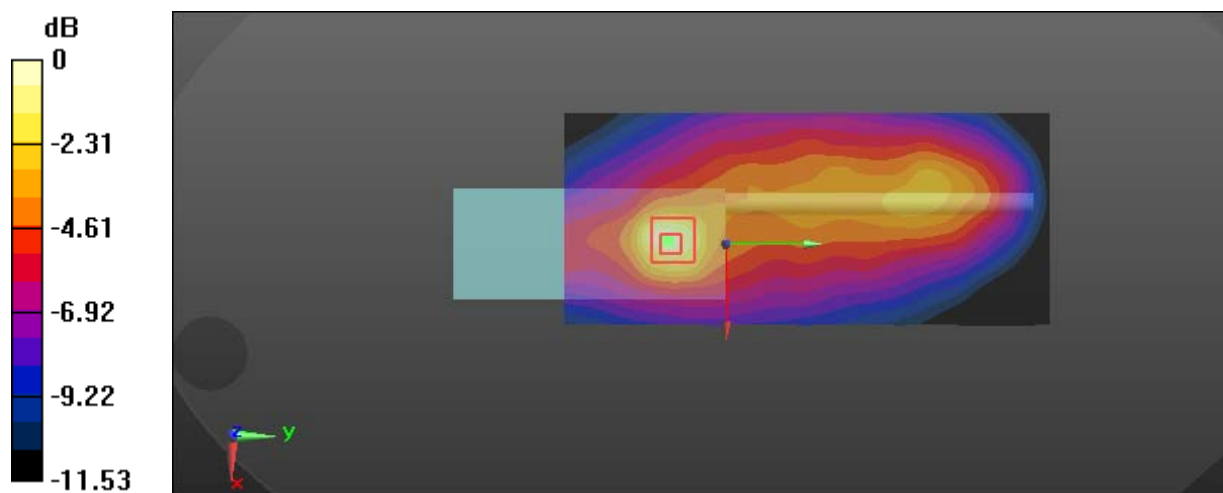
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 56.66 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 13.3 W/kg

**SAR(1 g) = 4.81 W/kg; SAR(10 g) = 2.81 W/kg**

Maximum value of SAR (measured) = 8.03 W/kg



0 dB = 8.03 W/kg = 9.05 dBW/kg

**Test Plot 36#:DR7500-1\_4FSK\_12.5kHz\_Body Back\_138.015 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 138.015 MHz;Duty Cycle: 1:2

Medium parameters used (extrapolated):  $f = 138 \text{ MHz}$ ;  $\sigma = 0.77 \text{ S/m}$ ;  $\epsilon_r = 63.364$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.76 W/kg

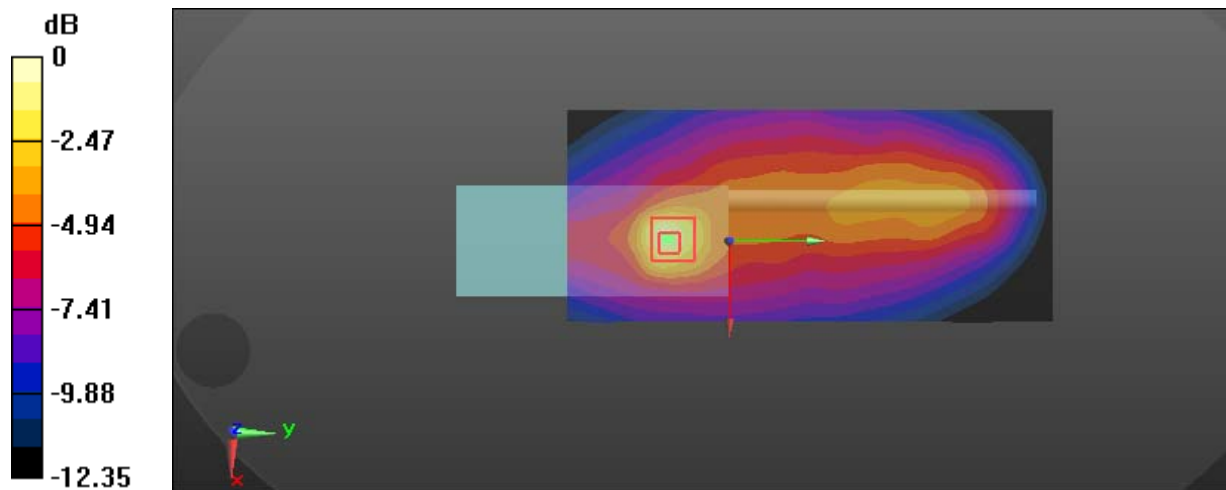
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 59.20 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 16.4 W/kg

**SAR(1 g) = 5.28 W/kg; SAR(10 g) = 2.97 W/kg**

Maximum value of SAR (measured) = 9.81 W/kg



0 dB = 9.81 W/kg = 9.92 dBW/kg

**Test Plot 37#:DR7500-1\_4FSK\_12.5kHz\_Body Back\_143.985 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 143.985 MHz;Duty Cycle: 1:2

Medium parameters used (extrapolated):  $f = 144 \text{ MHz}$ ;  $\sigma = 0.773 \text{ S/m}$ ;  $\epsilon_r = 63.324$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 6.72 W/kg

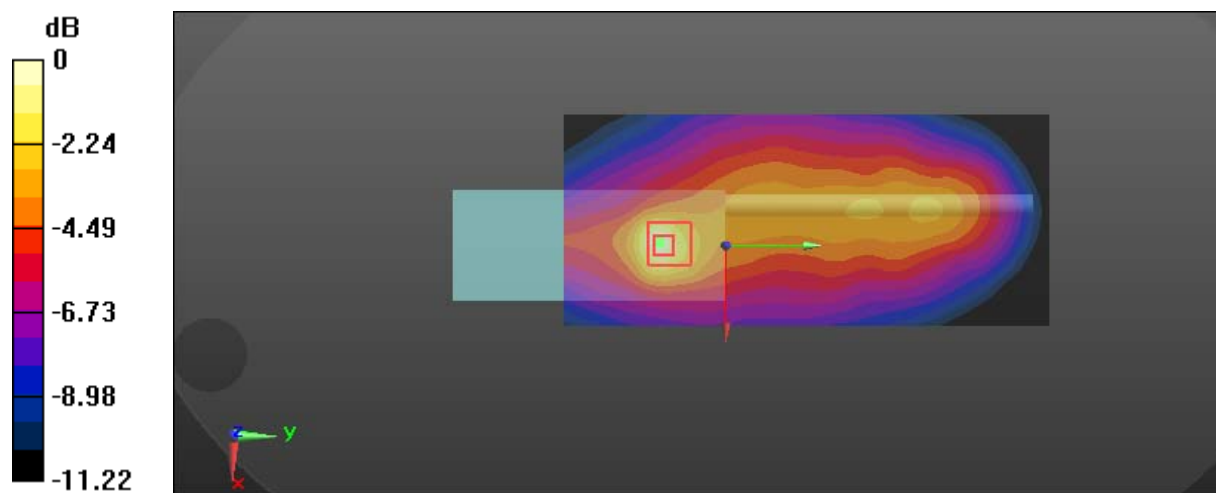
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 53.06 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 11.1 W/kg

**SAR(1 g) = 4.21 W/kg; SAR(10 g) = 2.45 W/kg**

Maximum value of SAR (measured) = 7.17 W/kg



0 dB = 7.17 W/kg = 8.55 dBW/kg

**Test Plot 38#:DR7500-1\_4FSK\_12.5kHz\_Body Back\_151 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 151 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 151 \text{ MHz}$ ;  $\sigma = 0.771 \text{ S/m}$ ;  $\epsilon_r = 63.265$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 4.03 W/kg

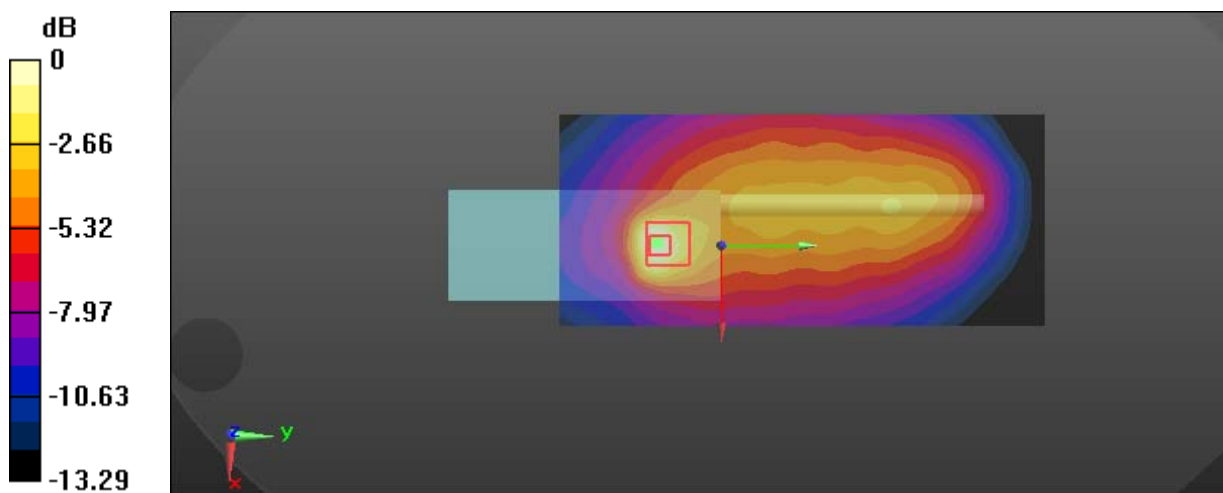
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 43.93 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 5.34 W/kg

**SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.07 W/kg**

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



0 dB = 3.55 W/kg = 5.51 dBW/kg

**Test Plot 39#:DR7500-1\_4FSK\_12.5kHz\_Body Back\_155 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 155 MHz;Duty Cycle: 1:2

Medium parameters used:  $f = 155 \text{ MHz}$ ;  $\sigma = 0.783 \text{ S/m}$ ;  $\epsilon_r = 63.29$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.28 W/kg

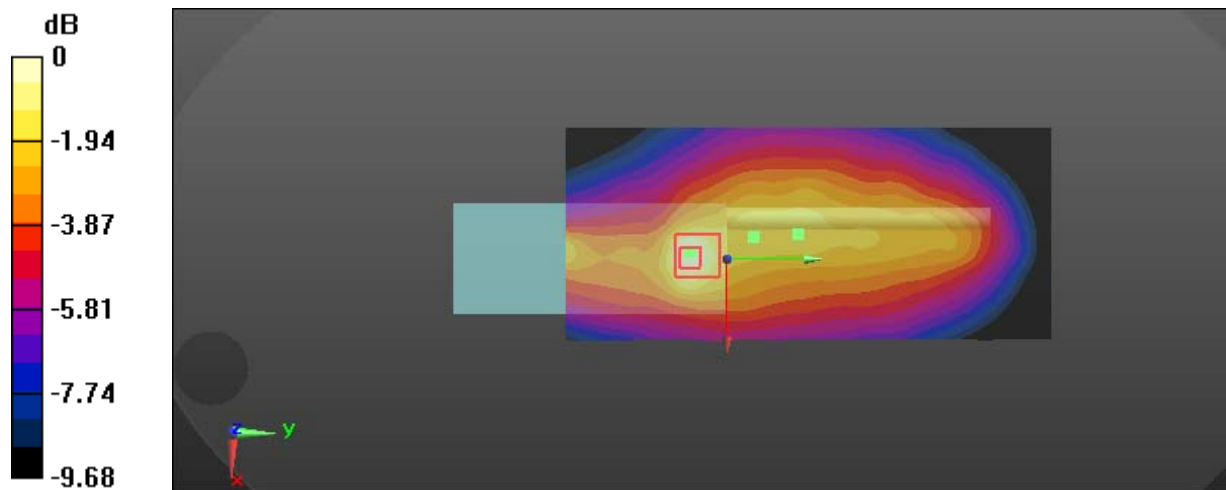
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 45.20 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.92 W/kg

**SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.35 W/kg**

Maximum value of SAR (measured) = 3.04 W/kg



0 dB = 3.04 W/kg = 4.83 dBW/kg

**Test Plot 40#:DR7500-1\_4FSK\_12.5kHz\_Body Back\_161.01 MHz****DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

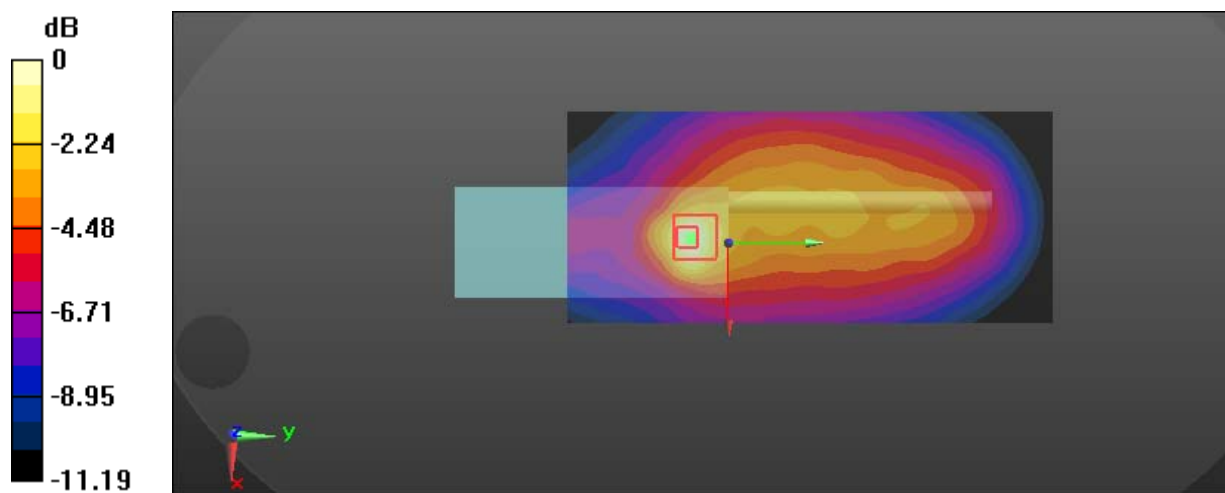
Communication System: PTT\_4FSK; Frequency: 161.01 MHz; Duty Cycle: 1:2

Medium parameters used (extrapolated):  $f = 161 \text{ MHz}$ ;  $\sigma = 0.779 \text{ S/m}$ ;  $\epsilon_r = 63.249$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $3.02 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $42.97 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$ Peak SAR (extrapolated) =  $5.08 \text{ W/kg}$ **SAR(1 g) =  $1.88 \text{ W/kg}$ ; SAR(10 g) =  $1.12 \text{ W/kg}$** Maximum value of SAR (measured) =  $2.93 \text{ W/kg}$ 0 dB =  $2.93 \text{ W/kg}$  =  $4.67 \text{ dBW/kg}$



**Test Plot 41#:DR7500-1\_4FSK\_12.5kHz\_Body Back\_165 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 165 MHz;Duty Cycle: 1:2

Medium parameters used:  $f = 165 \text{ MHz}$ ;  $\sigma = 0.789 \text{ S/m}$ ;  $\epsilon_r = 63.244$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.71 W/kg

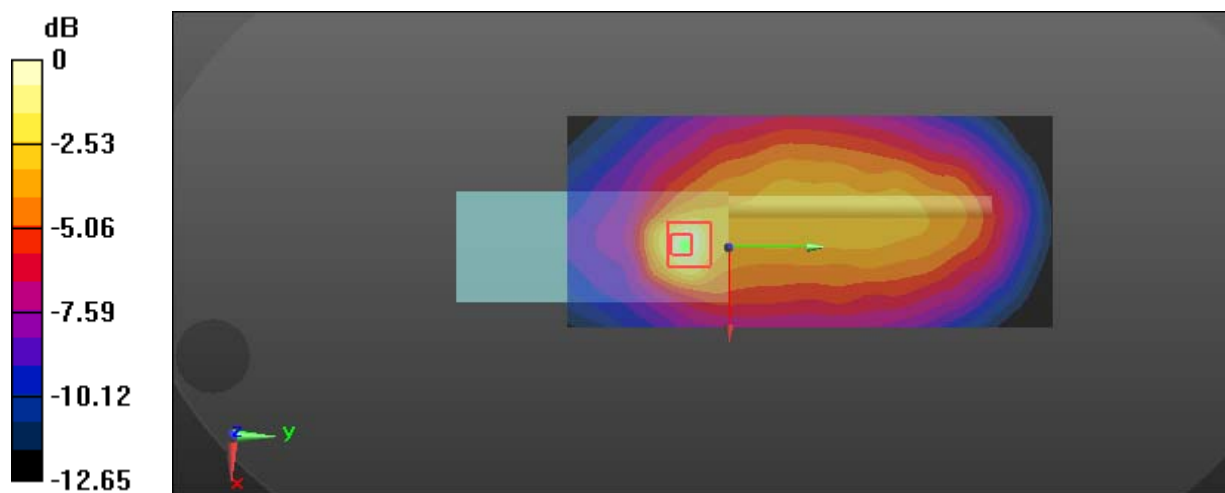
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 33.18 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.24 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.65 W/kg**

Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 1.81 W/kg = 2.57 dBW/kg

**Test Plot 42#:DR7500-1\_4FSK\_12.5kHz\_Body Back\_173.9875 MHz**

**DUT: FM TRANSCEIVER; Type: DR7500-1; Serial: 17020600225**

Communication System: PTT\_4FSK; Frequency: 173.9875 MHz;Duty Cycle: 1:2

Medium parameters used (extrapolated):  $f = 174 \text{ MHz}$ ;  $\sigma = 0.798 \text{ S/m}$ ;  $\epsilon_r = 63.203$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.79 W/kg

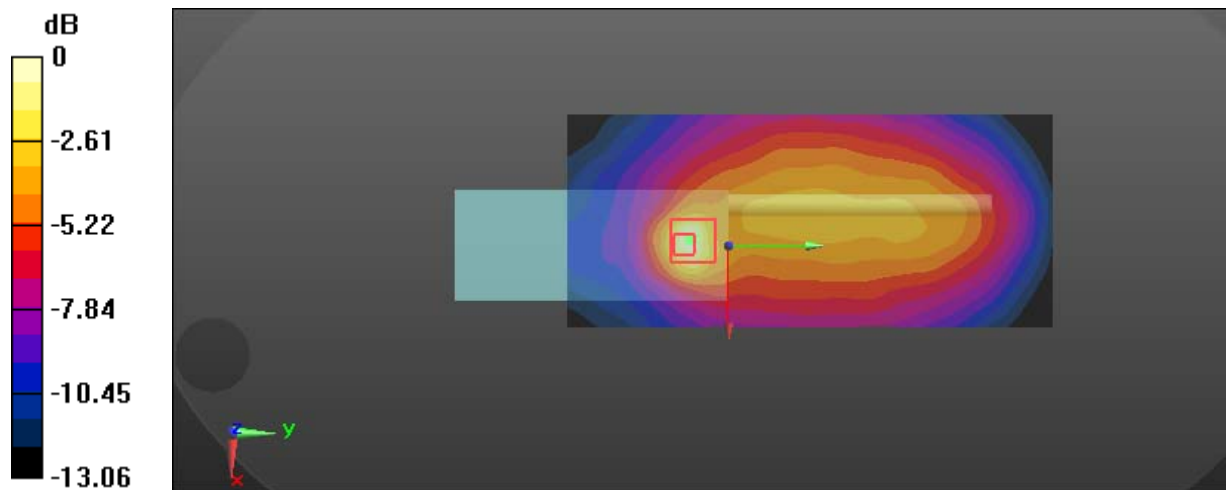
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 31.13 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.25 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.56 W/kg**

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



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

**Test Plot 43#:DR7800-1\_4FSK\_12.5kHz\_Body Back\_138.015 MHz**

**DUT: FM TRANSCEIVER; Type: DR7800-1; Serial: 17020600228**

Communication System: PTT\_4FSK; Frequency: 138.015 MHz;Duty Cycle: 1:2

Medium parameters used (extrapolated):  $f = 138 \text{ MHz}$ ;  $\sigma = 0.77 \text{ S/m}$ ;  $\epsilon_r = 63.364$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

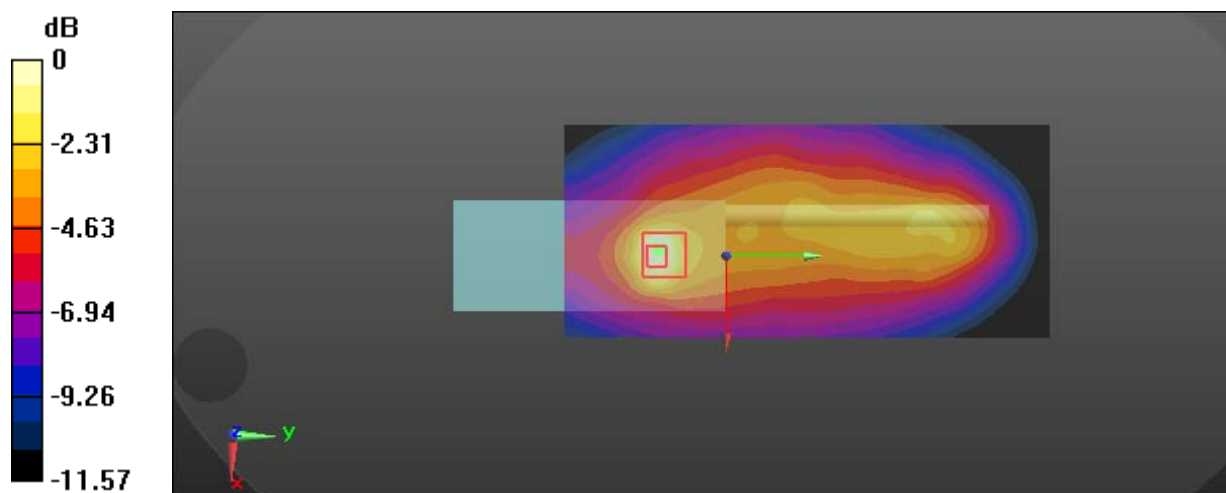
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 54.63 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 11.5 W/kg

**SAR(1 g) = 4.24 W/kg; SAR(10 g) = 2.46 W/kg**

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



0 dB = 7.13 W/kg = 8.53 dBW/kg

**Test Plot 44#:DR7800-1\_4FSK\_12.5kHz\_Body Back\_155 MHz**

**DUT: FM TRANSCEIVER; Type: DR7800-1; Serial: 17020600228**

Communication System: PTT\_4FSK; Frequency: 155 MHz;Duty Cycle: 1:2

Medium parameters used:  $f = 155 \text{ MHz}$ ;  $\sigma = 0.783 \text{ S/m}$ ;  $\epsilon_r = 63.29$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.58, 12.58, 12.58); Calibrated: 2016/11/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x161x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.58 W/kg

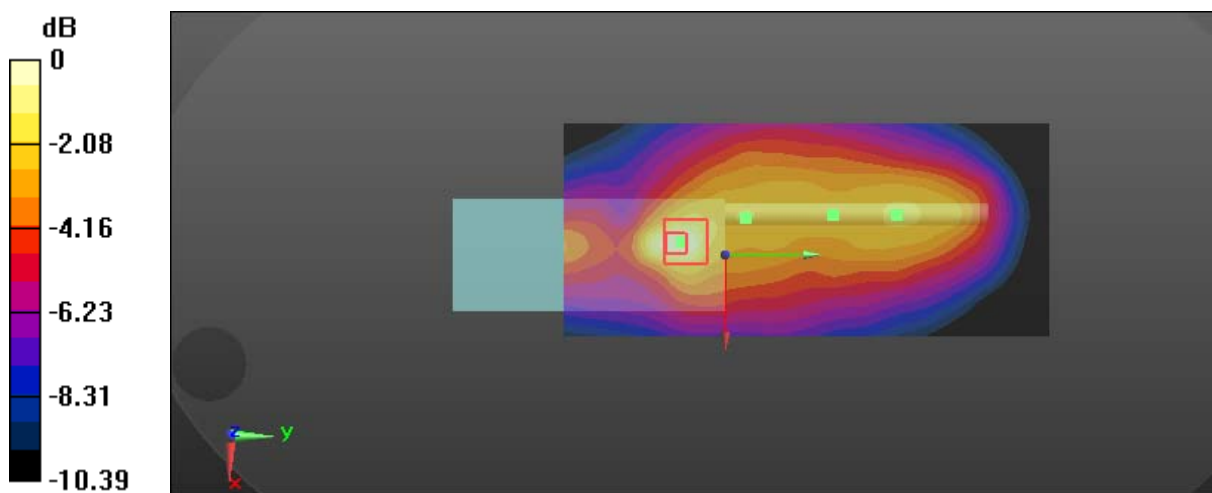
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 37.76 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.27 W/kg

**SAR(1 g) = 1.76 W/kg; SAR(10 g) = 1.1 W/kg**

Maximum value of SAR (measured) = 2.65 W/kg



0 dB = 2.65 W/kg = 4.23 dBW/kg