

**Test Plot 1\*:FM\_12.5 kHz\_350.0125 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 350.012 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 350.012 \text{ MHz}$ ;  $\sigma = 0.868 \text{ S/m}$ ;  $\epsilon_r = 44.764$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 6.90 W/kg

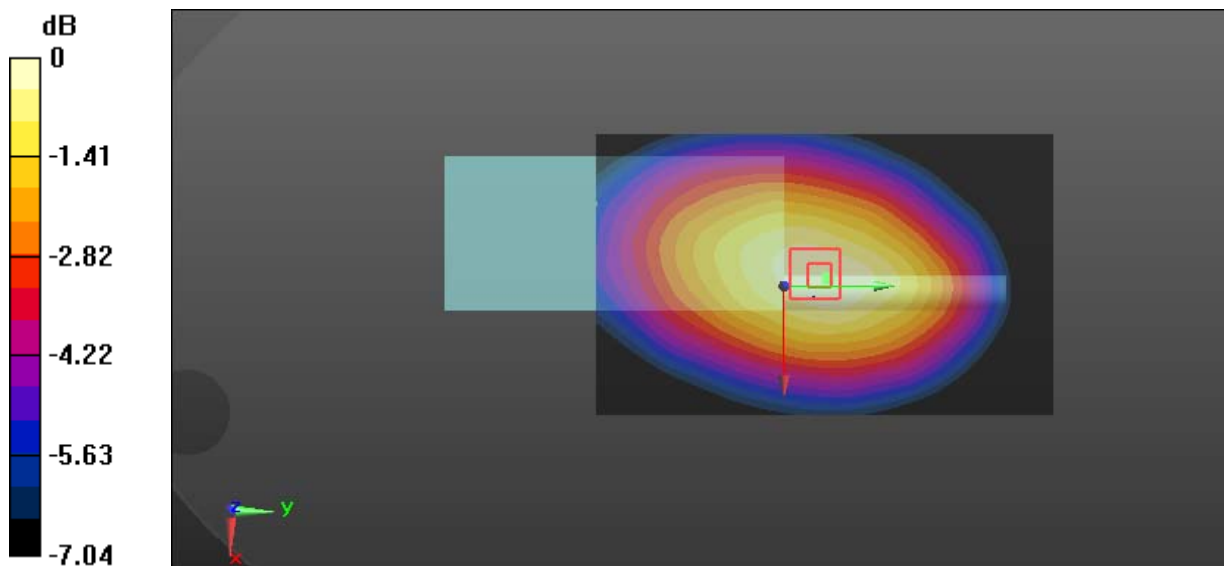
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 76.39 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 7.98 W/kg

**SAR(1 g) = 5.51 W/kg; SAR(10 g) = 4.2 W/kg**

Maximum value of SAR (measured) = 7.00 W/kg



0 dB = 7.00 W/kg = 8.45 dBW/kg

**Test Plot 2\*:FM\_12.5 kHz\_362 MHz\_Face Up****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 362 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 362$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 44.298$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.26 W/kg

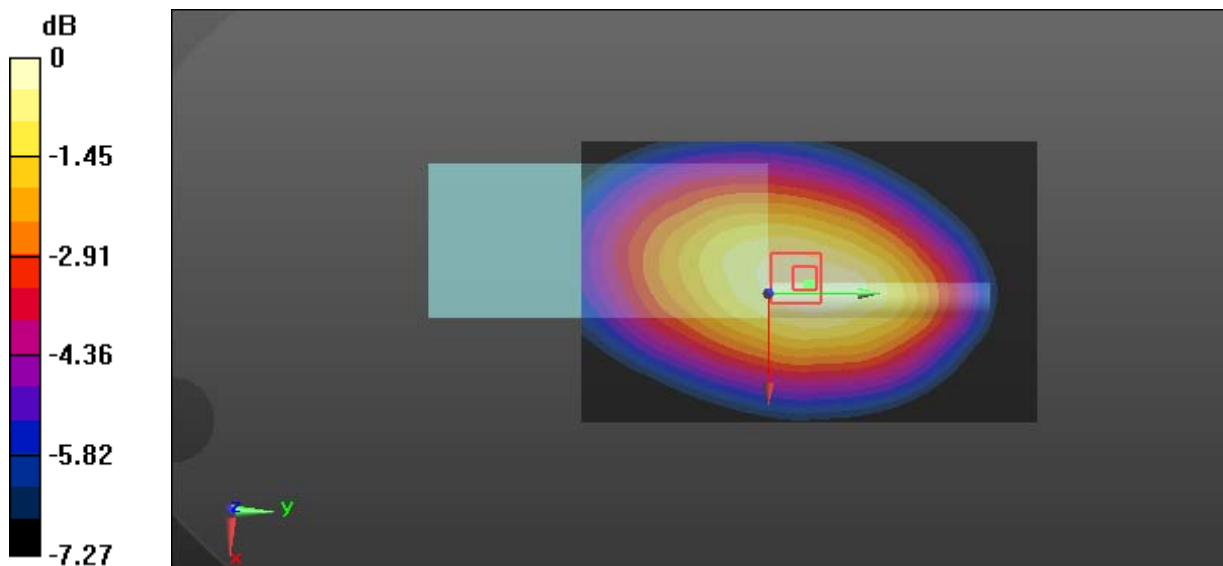
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.98 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 9.69 W/kg

**SAR(1 g) = 6.63 W/kg; SAR(10 g) = 5.05 W/kg**

Maximum value of SAR (measured) = 8.45 W/kg



0 dB = 8.45 W/kg = 9.27 dBW/kg

**Test Plot 3\*:FM\_12.5 kHz\_375 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 375 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 375 \text{ MHz}$ ;  $\sigma = 0.883 \text{ S/m}$ ;  $\epsilon_r = 44.341$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 9.43 W/kg

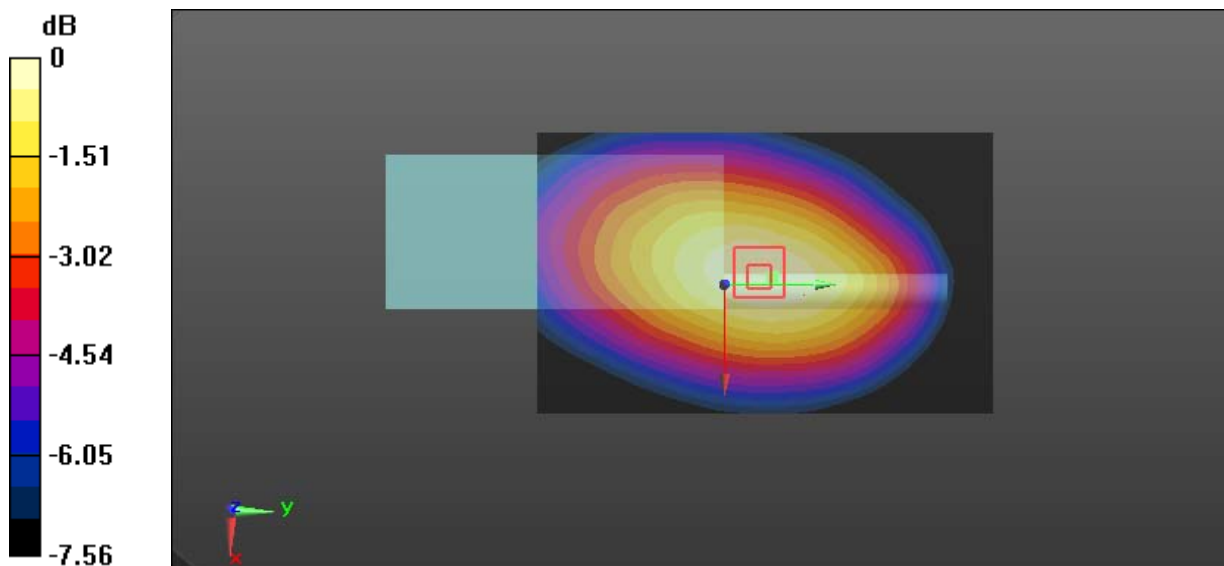
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 91.97 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 10.6 W/kg

**SAR(1 g) = 7.32 W/kg; SAR(10 g) = 5.49 W/kg**

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



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

**Test Plot 4\*:FM\_12.5 kHz\_388 MHz\_Face Up****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

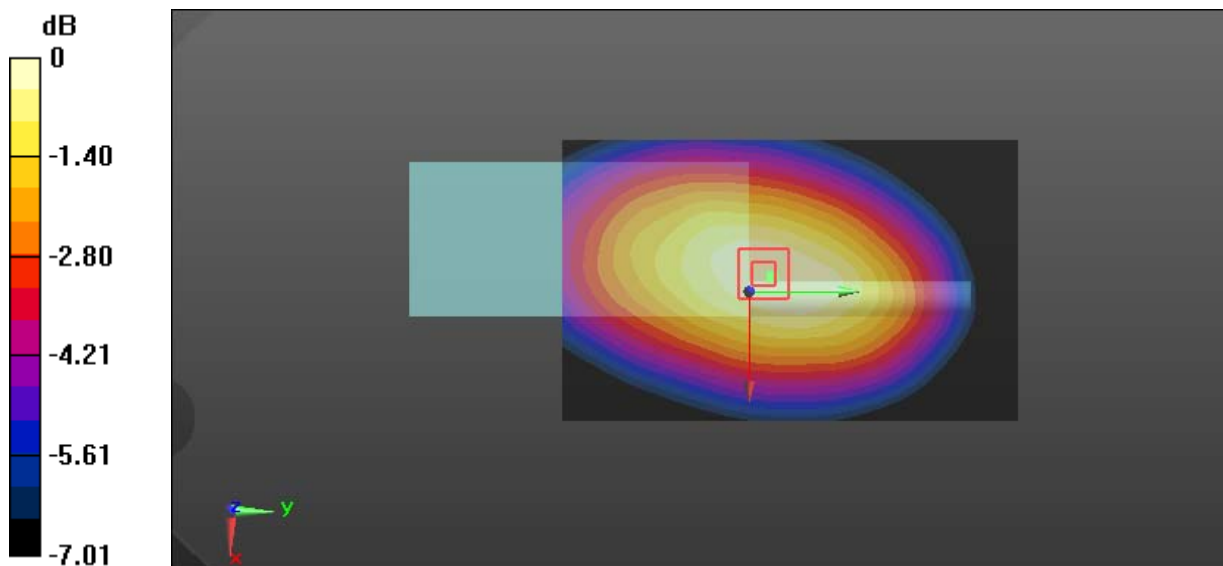
Communication System: FM; Frequency: 388 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 388 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 43.8$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $3.94 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $59.60 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$ Peak SAR (extrapolated) =  $4.52 \text{ W/kg}$ **SAR(1 g) =  $3.14 \text{ W/kg}$ ; SAR(10 g) =  $2.41 \text{ W/kg}$** Maximum value of SAR (measured) =  $3.94 \text{ W/kg}$  $0 \text{ dB} = 3.94 \text{ W/kg} = 5.95 \text{ dBW/kg}$

**Test Plot 5\*:FM\_12.5 kHz\_399.9875 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 399.988 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 399.988 \text{ MHz}$ ;  $\sigma = 0.872 \text{ S/m}$ ;  $\epsilon_r = 43.061$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

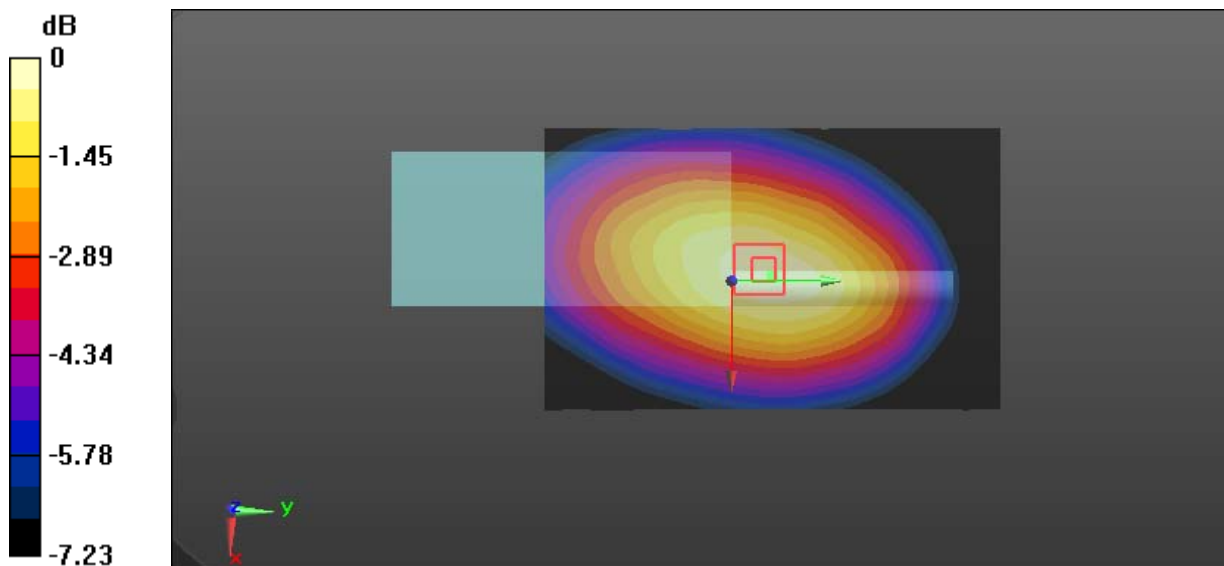
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 91.17 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 10.7 W/kg

**SAR(1 g) = 7.36 W/kg; SAR(10 g) = 5.62 W/kg**

Maximum value of SAR (measured) = 9.38 W/kg



0 dB = 9.38 W/kg = 9.72 dBW/kg

**Test Plot 6\*:FM\_25 kHz\_375 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 375 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 375 \text{ MHz}$ ;  $\sigma = 0.883 \text{ S/m}$ ;  $\epsilon_r = 44.341$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.91 W/kg

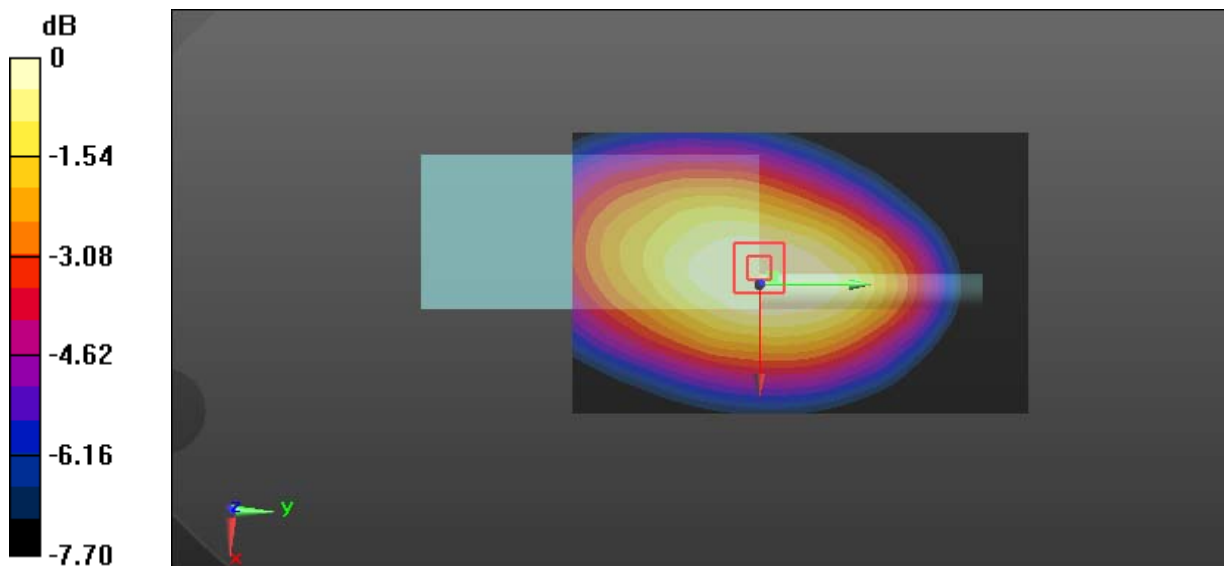
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 94.78 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 9.56 W/kg

**SAR(1 g) = 6.64 W/kg; SAR(10 g) = 5.02 W/kg**

Maximum value of SAR (measured) = 8.34 W/kg



0 dB = 8.34 W/kg = 9.21 dBW/kg

**Test Plot 7\*:4FSK\_12.5 kHz\_375 MHz\_Face Up****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: 4FSK; Frequency: 375 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 375$  MHz;  $\sigma = 0.883$  S/m;  $\epsilon_r = 44.341$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

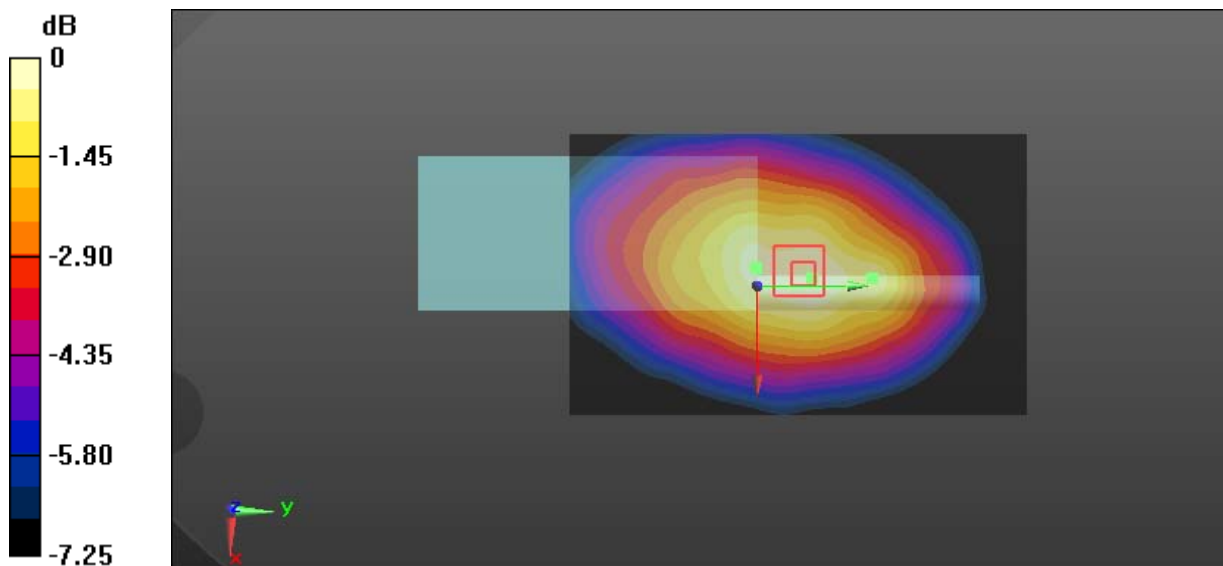
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.59 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 4.22 W/kg

**SAR(1 g) = 2.85 W/kg; SAR(10 g) = 2.18 W/kg**

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



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

**Test Plot 8\*:FM\_12.5 kHz\_350.0125 MHz\_Body Back****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 350.012 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 350.012$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 56.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.14 W/kg

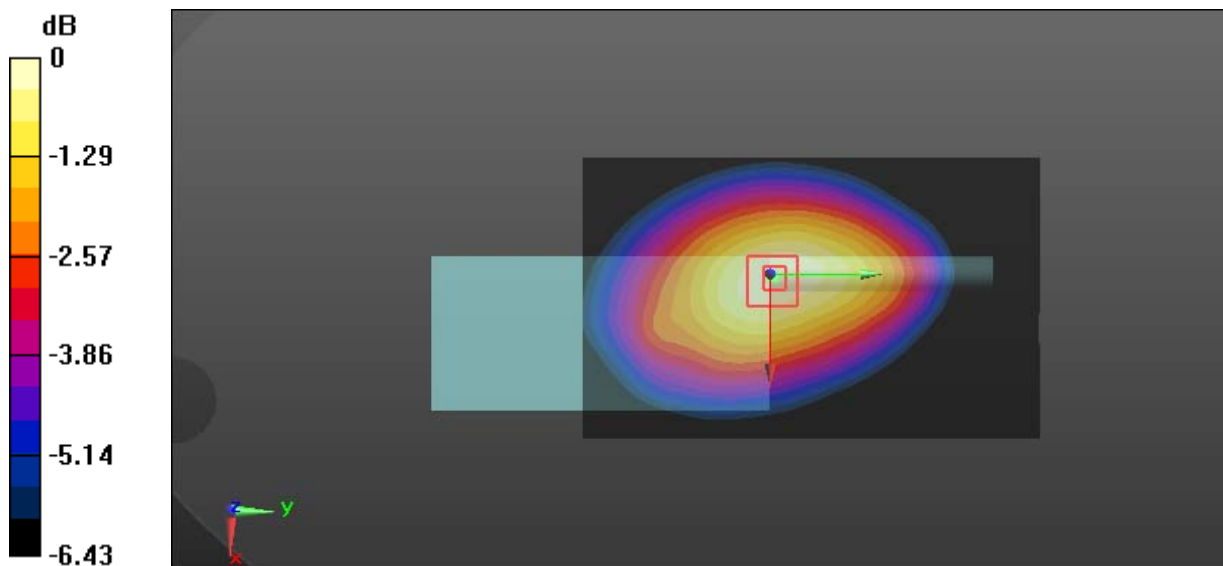
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.76 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 10.5 W/kg

**SAR(1 g) = 7.43 W/kg; SAR(10 g) = 5.88 W/kg**

Maximum value of SAR (measured) = 9.22 W/kg



0 dB = 9.22 W/kg = 9.65 dBW/kg



**Test Plot 9\*:FM\_12.5 kHz\_362 MHz\_Body Back****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 362 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 362$  MHz;  $\sigma = 0.959$  S/m;  $\epsilon_r = 56.094$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.90 W/kg

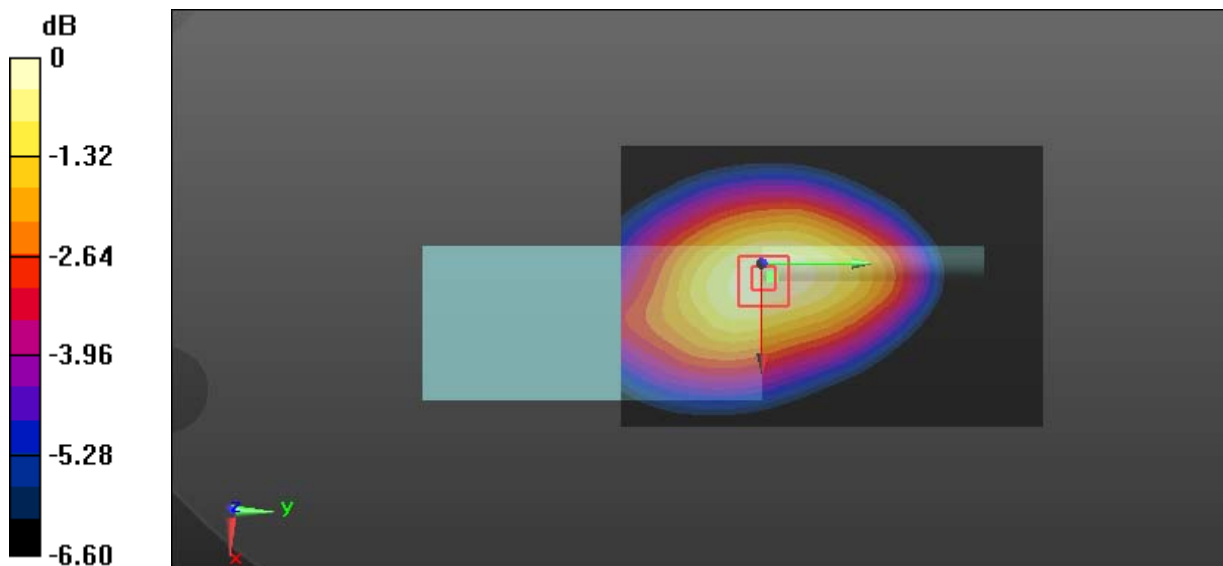
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.80 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 11.6 W/kg

**SAR(1 g) = 8.05 W/kg; SAR(10 g) = 6.3 W/kg**

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



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

**Test Plot 10\*:FM\_12.5 kHz\_375 MHz\_Body Back****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 375 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 375$  MHz;  $\sigma = 0.967$  S/m;  $\epsilon_r = 56.083$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

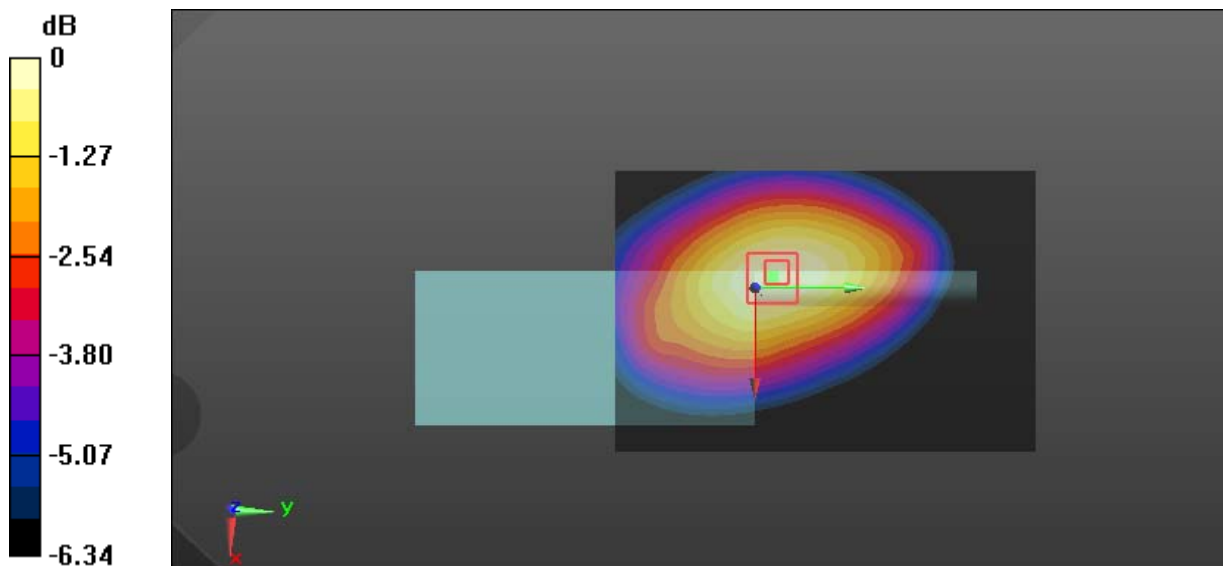
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.93 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 10.2 W/kg

**SAR(1 g) = 6.92 W/kg; SAR(10 g) = 5.47 W/kg**

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



0 dB = 8.65 W/kg = 9.37 dBW/kg

**Test Plot 11\*:FM\_12.5 kHz\_388 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 388 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 388 \text{ MHz}$ ;  $\sigma = 0.939 \text{ S/m}$ ;  $\epsilon_r = 55.766$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.68 W/kg

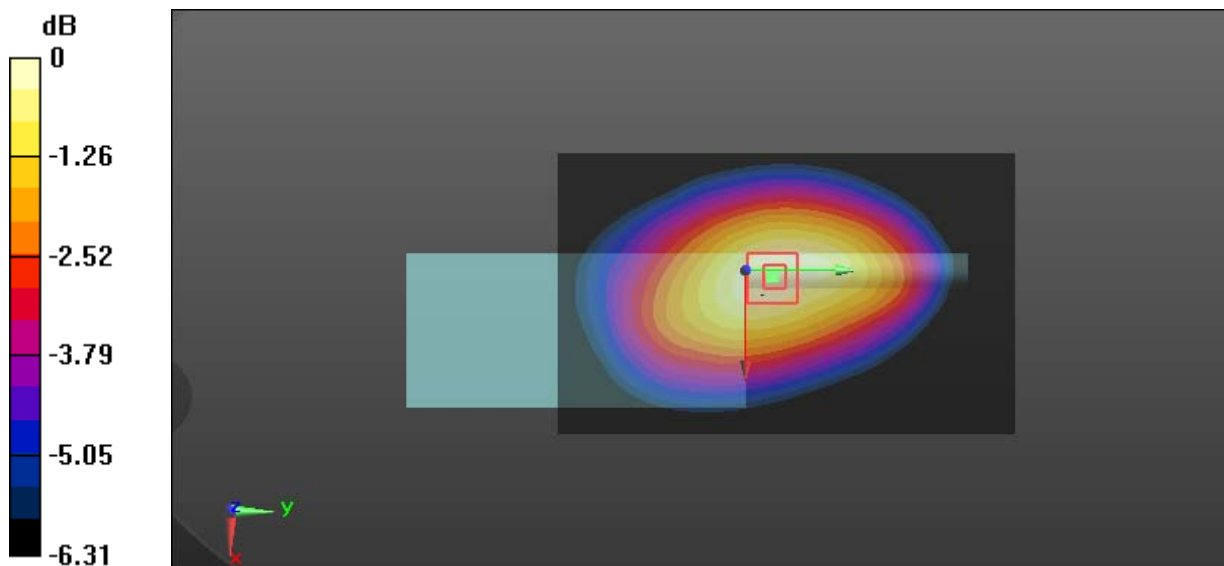
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 51.44 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 4.33 W/kg

**SAR(1 g) = 2.91 W/kg; SAR(10 g) = 2.3 W/kg**

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



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

**Test Plot 12\*:FM\_12.5 kHz\_399.9875 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 399.988 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 399.988 \text{ MHz}$ ;  $\sigma = 0.948 \text{ S/m}$ ;  $\epsilon_r = 55.204$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

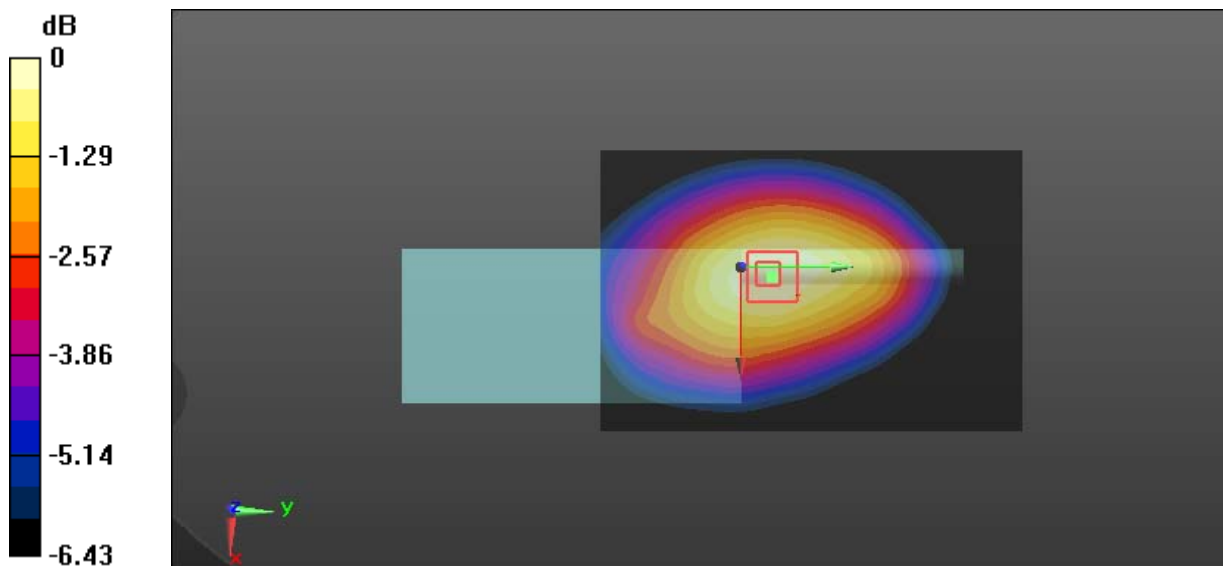
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 92.13 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 12.9 W/kg

**SAR(1 g) = 8.8 W/kg; SAR(10 g) = 6.94 W/kg**

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



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

**Test Plot 13\*:FM\_25 kHz\_350.0125 MHz\_Body Back****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 350.012 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 350.012$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 56.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.46 W/kg

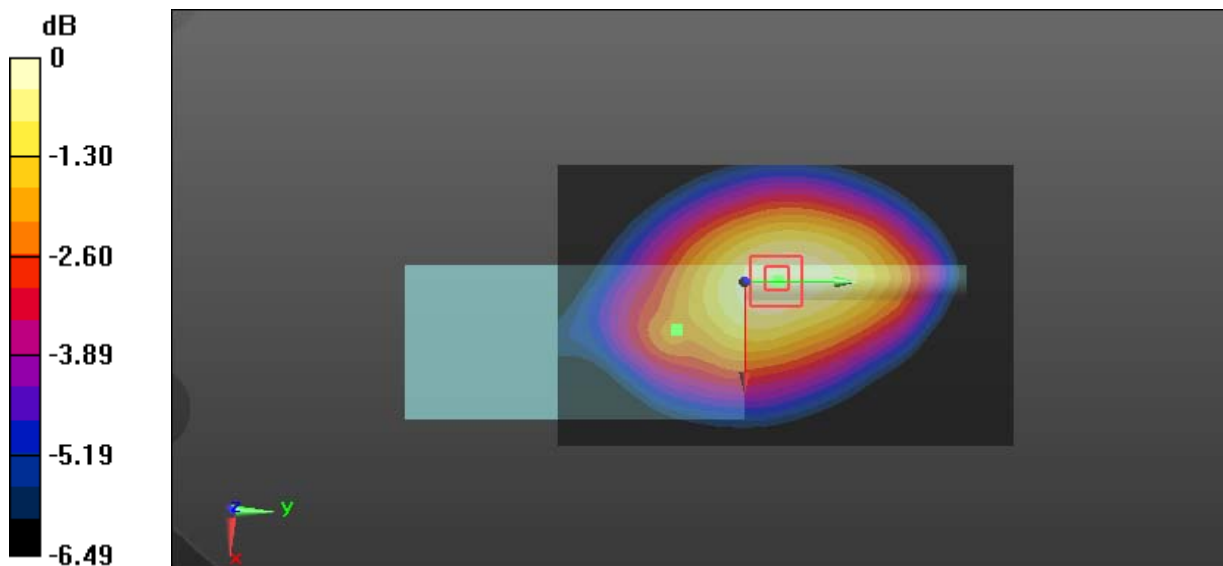
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.64 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 9.64 W/kg

**SAR(1 g) = 6.85 W/kg; SAR(10 g) = 5.44 W/kg**

Maximum value of SAR (measured) = 8.46 W/kg



0 dB = 8.46 W/kg = 9.27 dBW/kg

**Test Plot 14\*:FM\_25 kHz\_362 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 362 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 362 \text{ MHz}$ ;  $\sigma = 0.959 \text{ S/m}$ ;  $\epsilon_r = 56.094$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 9.54 W/kg

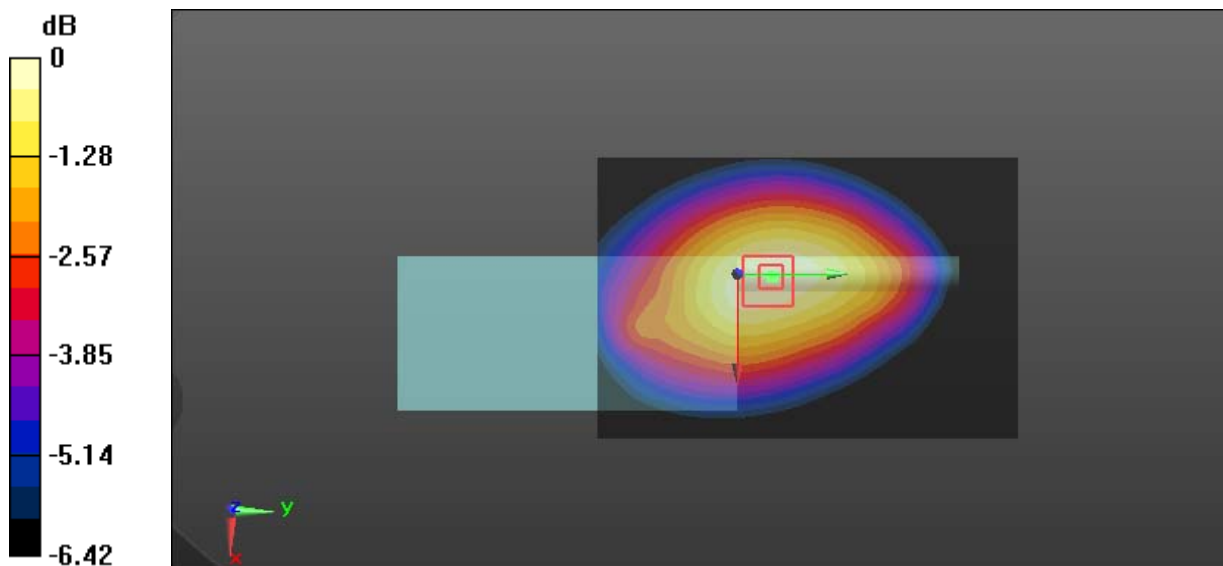
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 87.12 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 11.2 W/kg

**SAR(1 g) = 7.83 W/kg; SAR(10 g) = 6.22 W/kg**

Maximum value of SAR (measured) = 9.68 W/kg



0 dB = 9.68 W/kg = 9.86 dBW/kg

**Test Plot 15\*:FM\_25 kHz\_375 MHz\_Body Back****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 375 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 375$  MHz;  $\sigma = 0.967$  S/m;  $\epsilon_r = 56.083$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.52 W/kg

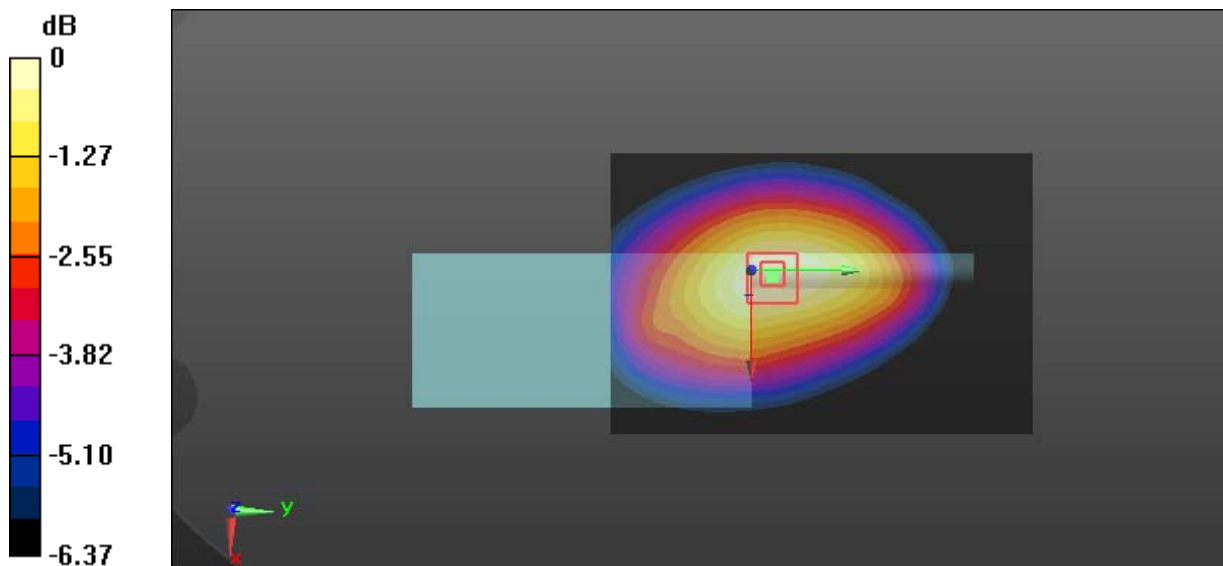
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.55 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 9.75 W/kg

**SAR(1 g) = 6.82 W/kg; SAR(10 g) = 5.39 W/kg**

Maximum value of SAR (measured) = 8.50 W/kg



0 dB = 8.50 W/kg = 9.29 dBW/kg

**Test Plot 16\*:FM\_25 kHz\_388 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 388 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 388 \text{ MHz}$ ;  $\sigma = 0.939 \text{ S/m}$ ;  $\epsilon_r = 55.766$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.64 W/kg

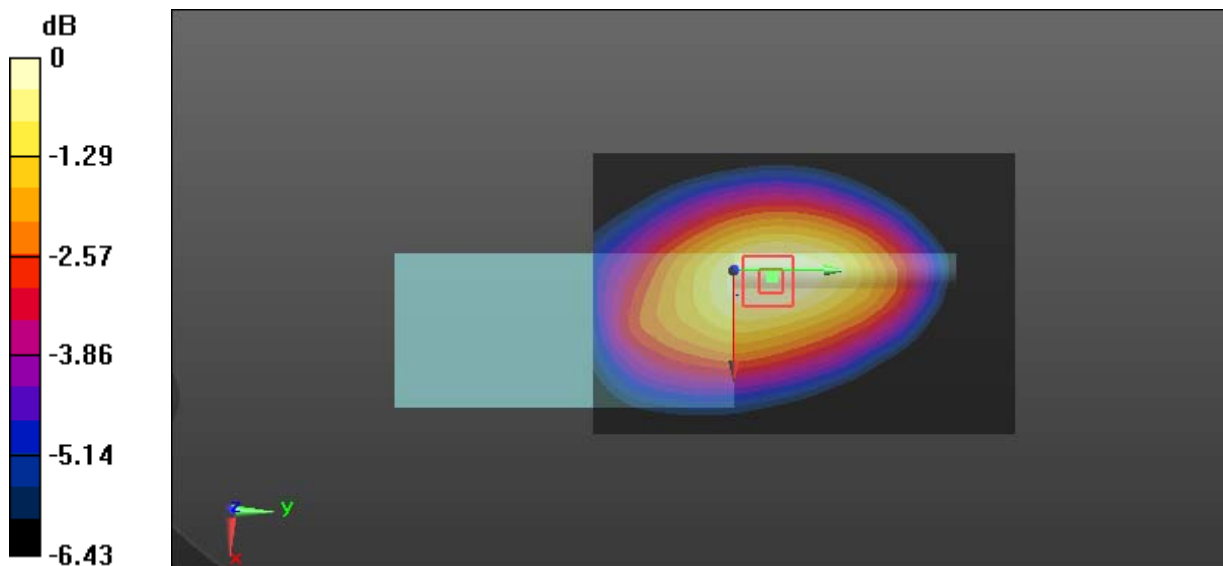
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 52.74 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.26 W/kg

**SAR(1 g) = 2.87 W/kg; SAR(10 g) = 2.26 W/kg**

Maximum value of SAR (measured) = 3.64 W/kg



0 dB = 3.64 W/kg = 5.61 dBW/kg



**Test Plot 17\*:FM\_25 kHz\_399.9875 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 399.988 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 399.988 \text{ MHz}$ ;  $\sigma = 0.948 \text{ S/m}$ ;  $\epsilon_r = 55.204$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

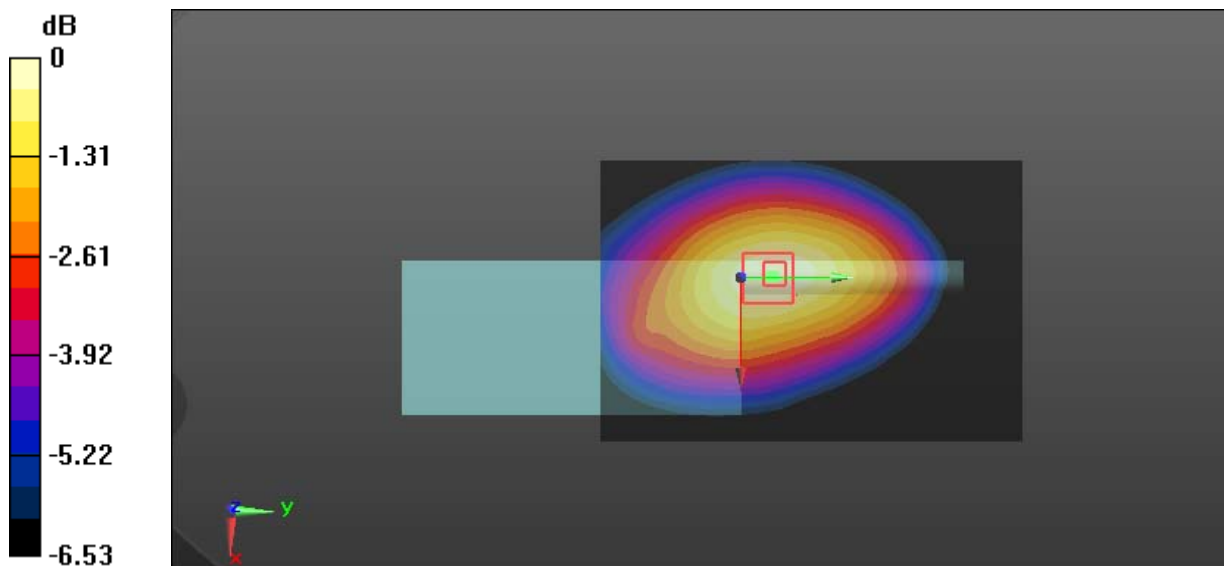
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 92.89 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 12.7 W/kg

**SAR(1 g) = 8.71 W/kg; SAR(10 g) = 6.87 W/kg**

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



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

**Test Plot 18\*:4FSK\_12.5 kHz\_399.9875 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: 4FSK; Frequency: 399.988 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 399.988 \text{ MHz}$ ;  $\sigma = 0.948 \text{ S/m}$ ;  $\epsilon_r = 55.204$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 5.03 W/kg

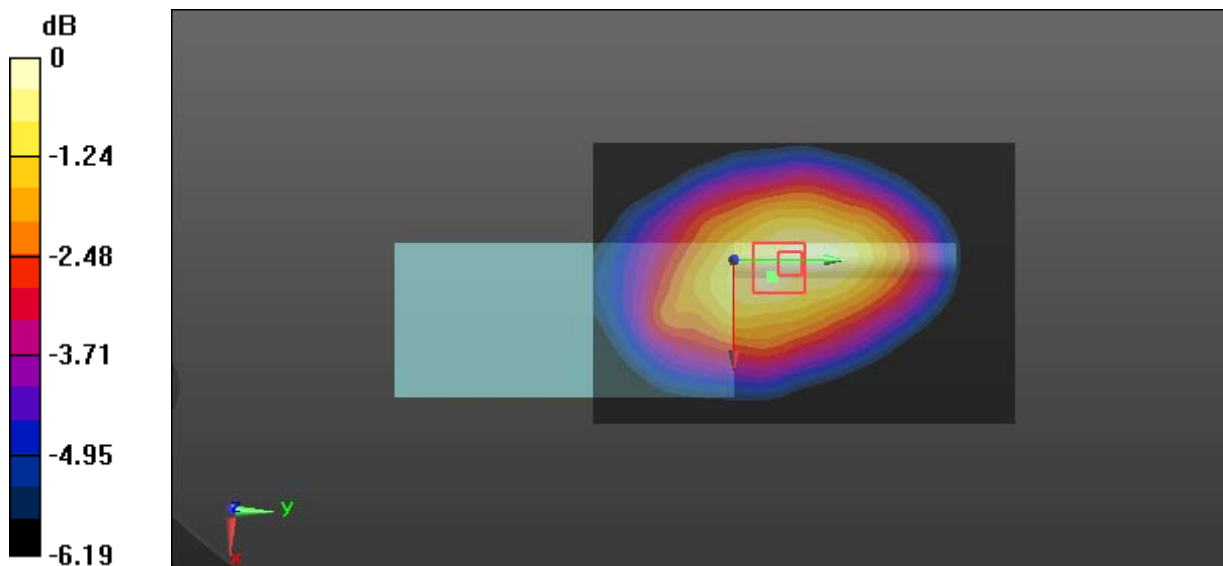
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 62.14 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 5.95 W/kg

**SAR(1 g) = 4.17 W/kg; SAR(10 g) = 3.31 W/kg**

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



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

**Test Plot 19\*:FM\_12.5 kHz\_400.0125 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.061$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

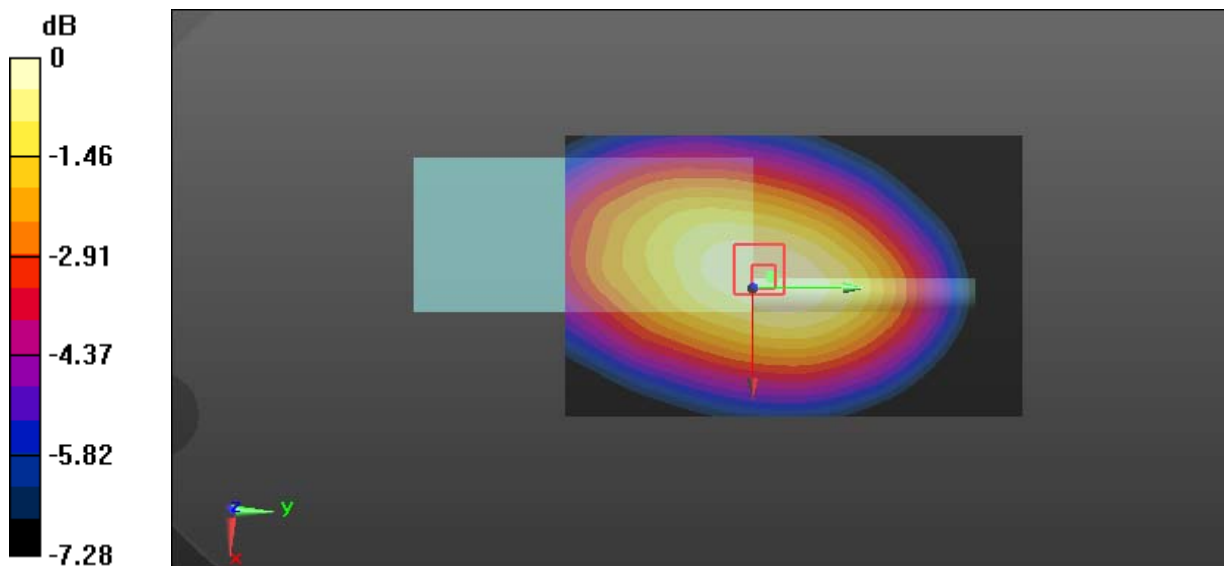
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.50 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 10.1 W/kg

**SAR(1 g) = 7.21 W/kg; SAR(10 g) = 5.52 W/kg**

Maximum value of SAR (measured) = 9.04 W/kg



0 dB = 9.04 W/kg = 9.56 dBW/kg

**Test Plot 20\*:FM\_12.5 kHz\_418 MHz\_Face Up****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 418 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 418 \text{ MHz}$ ;  $\sigma = 0.891 \text{ S/m}$ ;  $\epsilon_r = 43.472$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

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

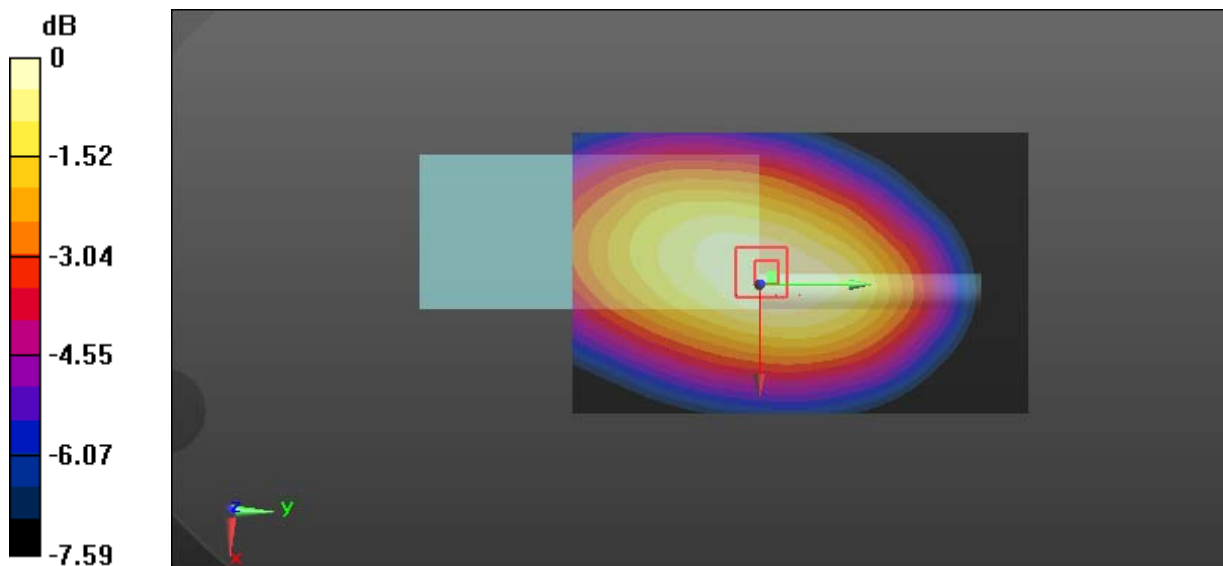
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 102.7 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 12.8 W/kg

**SAR(1 g) = 8.93 W/kg; SAR(10 g) = 6.71 W/kg**

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



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

**Test Plot 21\*:FM\_12.5 kHz\_435 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 435 \text{ MHz}$ ;  $\sigma = 0.875 \text{ S/m}$ ;  $\epsilon_r = 42.833$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 9.31 W/kg

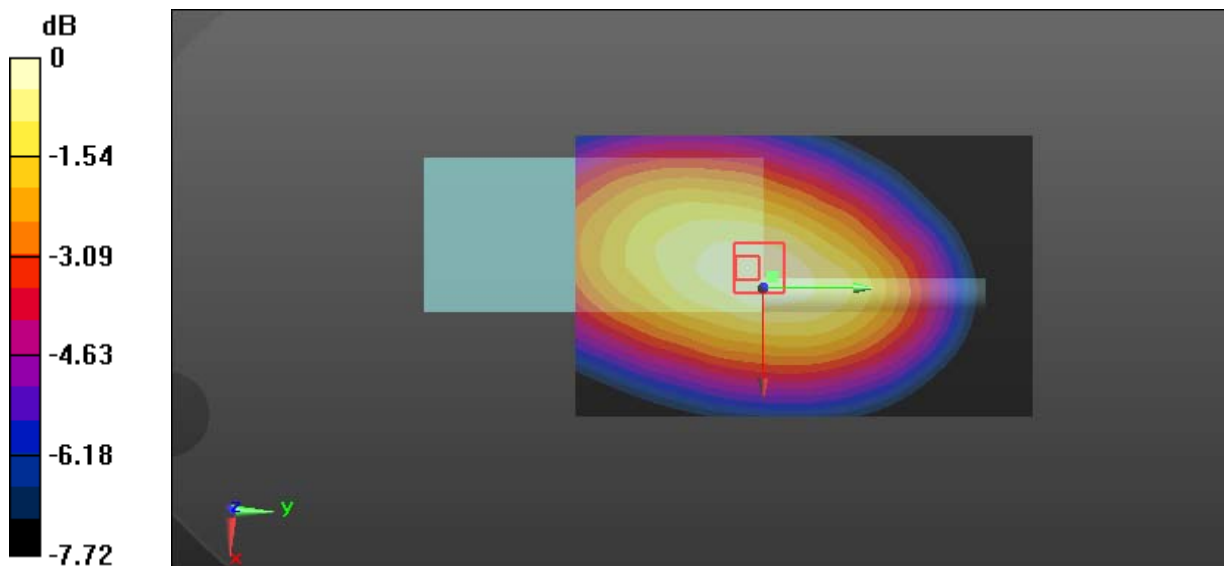
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 91.26 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 10.8 W/kg

**SAR(1 g) = 7.62 W/kg; SAR(10 g) = 5.77 W/kg**

Maximum value of SAR (measured) = 9.57 W/kg



0 dB = 9.57 W/kg = 9.81 dBW/kg

**Test Plot 22\*:FM\_12.5 kHz\_452 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 452 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 452 \text{ MHz}$ ;  $\sigma = 0.874 \text{ S/m}$ ;  $\epsilon_r = 43.398$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.80 W/kg

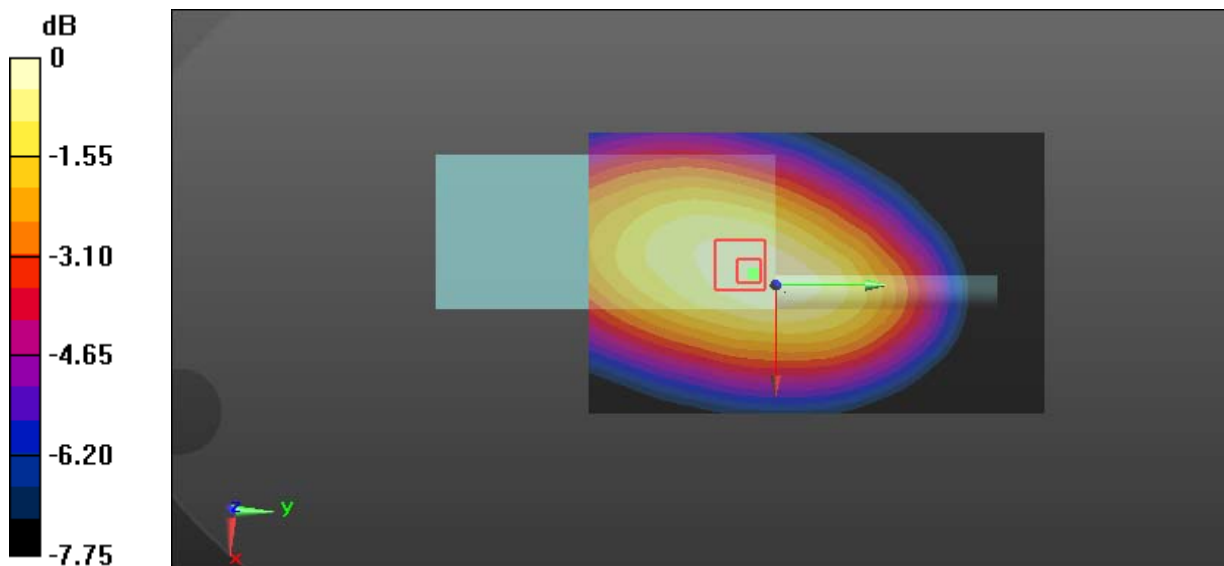
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 90.83 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 10.1 W/kg

**SAR(1 g) = 7.08 W/kg; SAR(10 g) = 5.39 W/kg**

Maximum value of SAR (measured) = 8.93 W/kg



0 dB = 8.93 W/kg = 9.51 dBW/kg

**Test Plot 23\*:FM\_12.5 kHz\_469.9875 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 469.988 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.975$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 4.76 W/kg

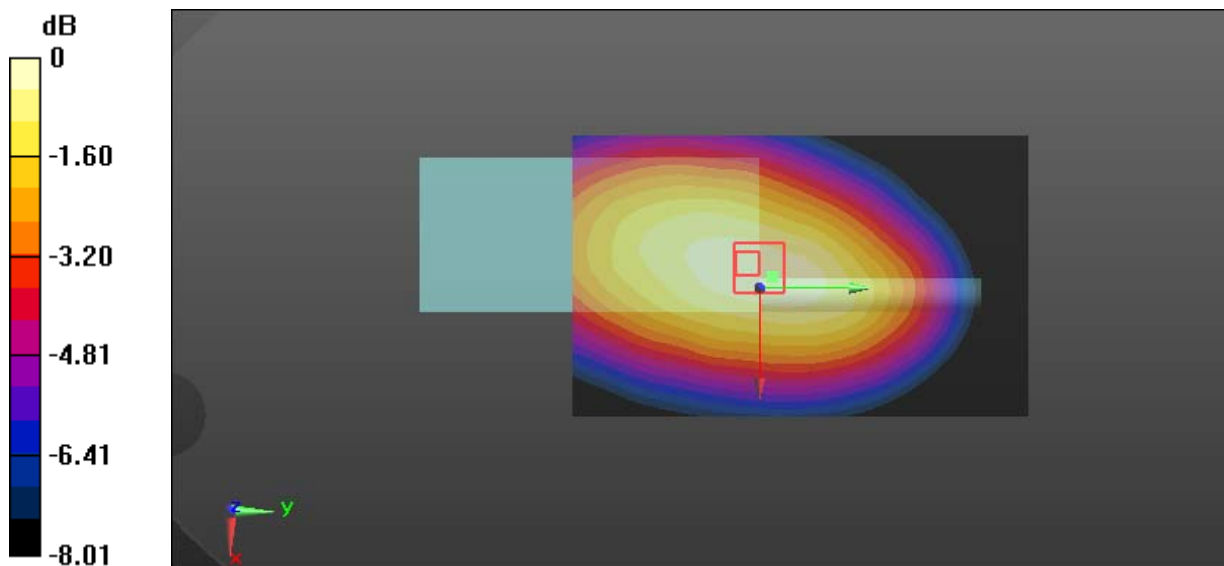
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 67.58 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 5.61 W/kg

**SAR(1 g) = 3.99 W/kg; SAR(10 g) = 3 W/kg**

Maximum value of SAR (measured) = 4.96 W/kg



0 dB = 4.96 W/kg = 6.95 dBW/kg

**Test Plot 24\*:FM\_25 kHz\_400.0125 MHz\_Face Up****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 400.012$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.061$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

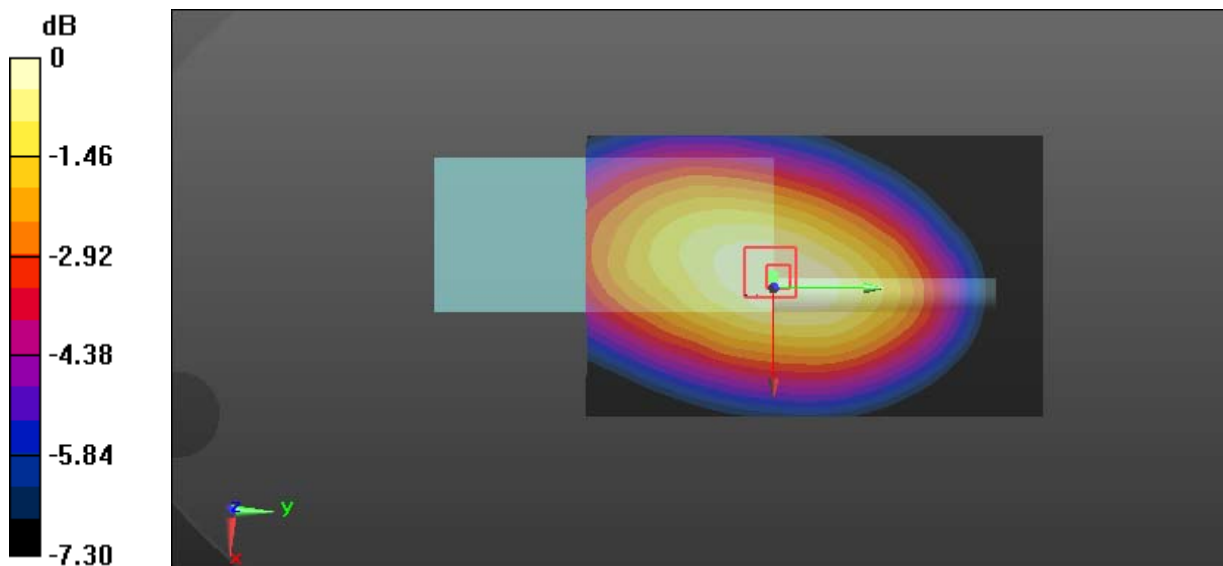
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.0 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 12.9 W/kg

**SAR(1 g) = 9.23 W/kg; SAR(10 g) = 6.99 W/kg**

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



0 dB = 11.6 W/kg = 10.64 dBW/kg



**Test Plot 25\*:FM\_25 kHz\_418 MHz\_Face Up****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 418 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 418 \text{ MHz}$ ;  $\sigma = 0.891 \text{ S/m}$ ;  $\epsilon_r = 43.472$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

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

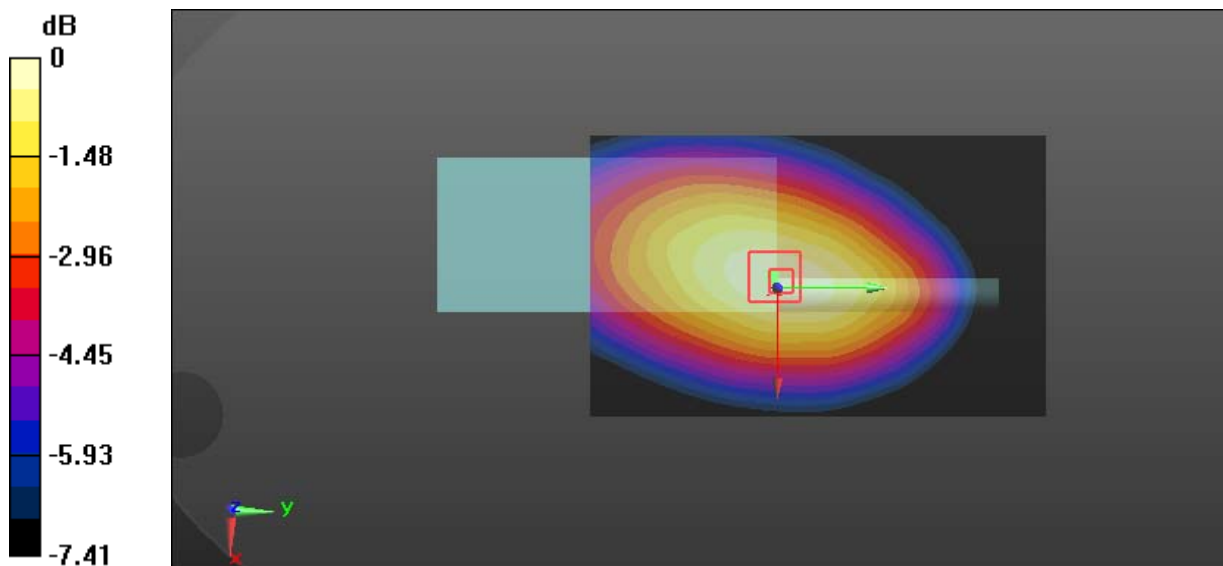
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 107.2 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 14.1 W/kg

**SAR(1 g) = 9.78 W/kg; SAR(10 g) = 7.33 W/kg**

Maximum value of SAR (measured) = 12.4 W/kg



0 dB = 12.4 W/kg = 10.93 dBW/kg

**Test Plot 26\*:FM\_25 kHz\_435 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 435 \text{ MHz}$ ;  $\sigma = 0.875 \text{ S/m}$ ;  $\epsilon_r = 42.833$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 9.86 W/kg

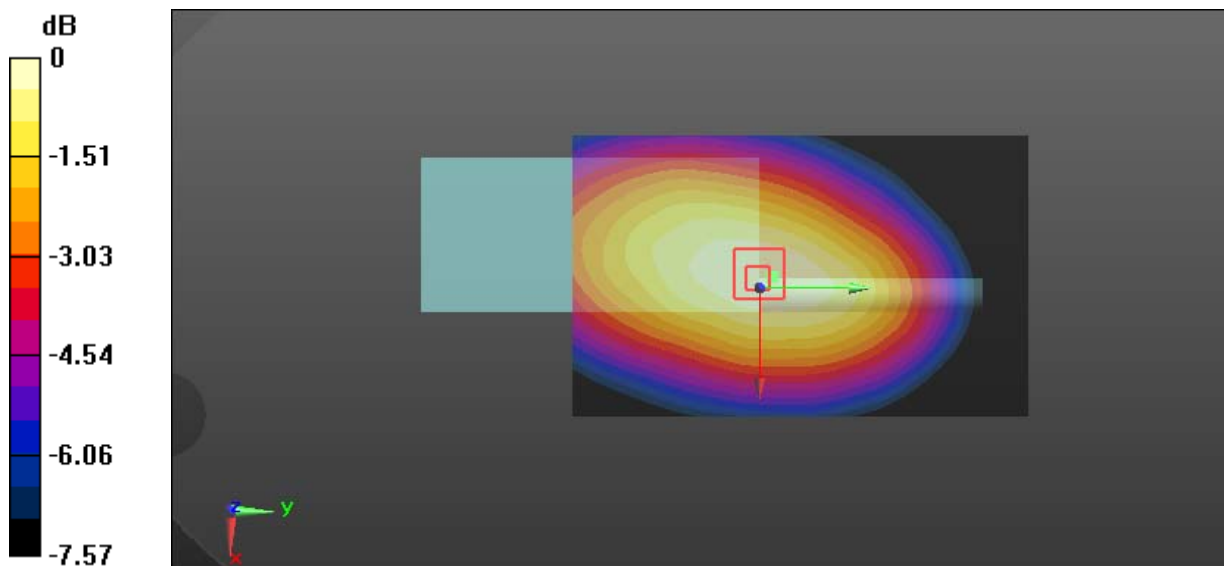
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 97.19 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 10.9 W/kg

**SAR(1 g) = 7.91 W/kg; SAR(10 g) = 6 W/kg**

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



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

**Test Plot 27\*:FM\_25 kHz\_452 MHz\_Face Up****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 452 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 452$  MHz;  $\sigma = 0.874$  S/m;  $\epsilon_r = 43.398$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.36 W/kg

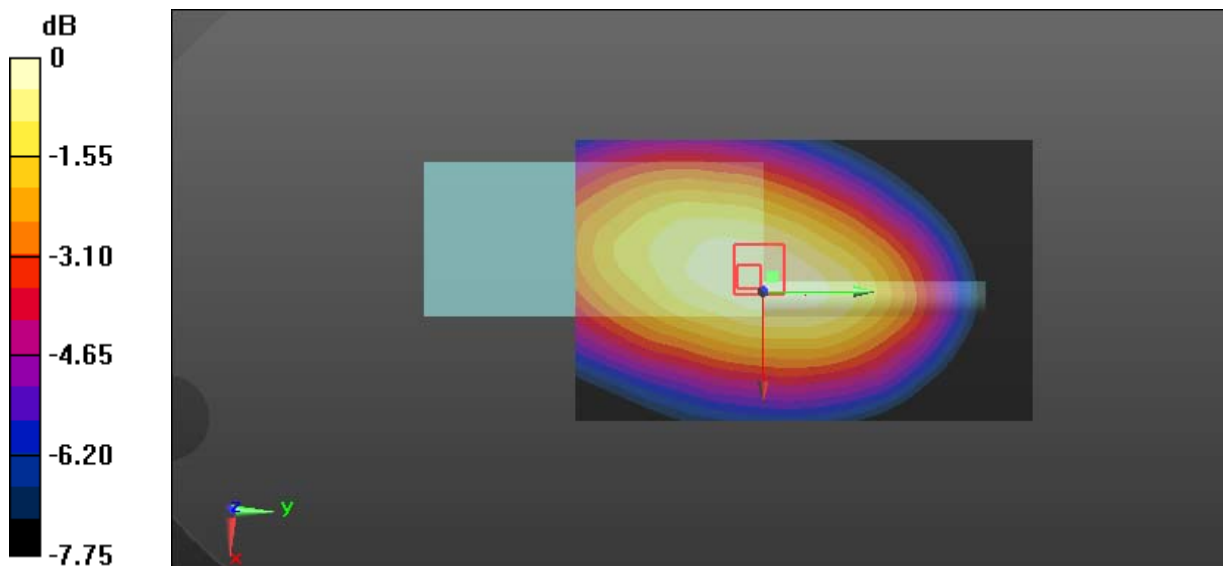
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.34 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 8.62 W/kg

**SAR(1 g) = 6.1 W/kg; SAR(10 g) = 4.62 W/kg**

Maximum value of SAR (measured) = 7.66 W/kg



0 dB = 7.66 W/kg = 8.84 dBW/kg

**Test Plot 28\*:FM\_25 kHz\_469.9875 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 469.988 \text{ MHz}$ ;  $\sigma = 0.873 \text{ S/m}$ ;  $\epsilon_r = 42.975$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 4.76 W/kg

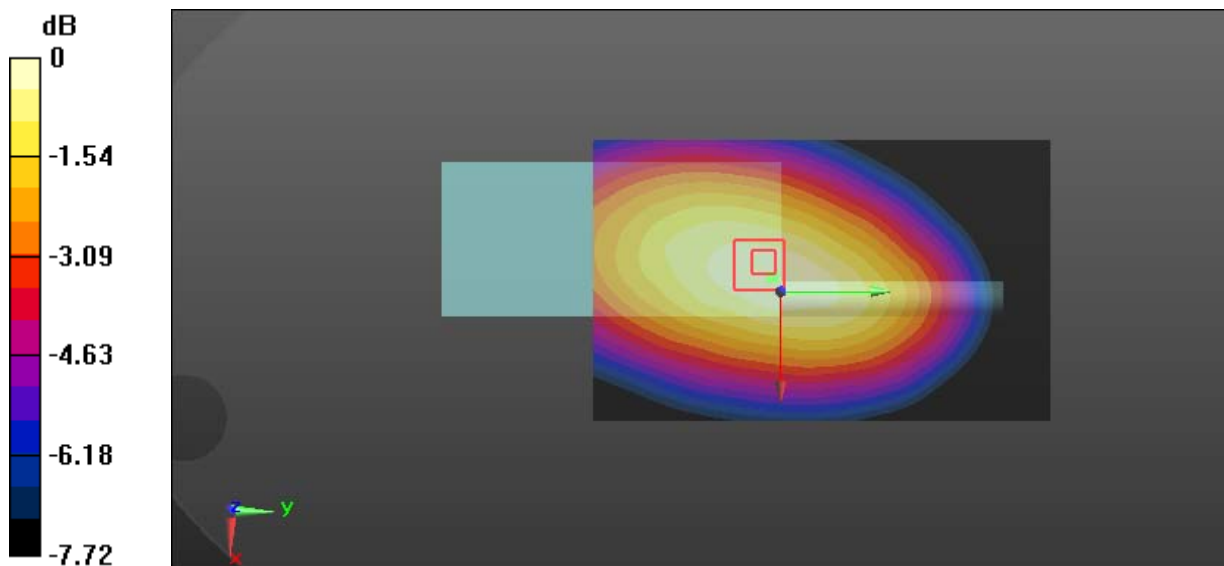
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 67.62 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 5.48 W/kg

**SAR(1 g) = 3.93 W/kg; SAR(10 g) = 2.97 W/kg**

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



0 dB = 4.89 W/kg = 6.89 dBW/kg

**Test Plot 29\*:4FSK\_12.5 kHz\_418 MHz\_Face Up****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: 4FSK; Frequency: 418 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 418 \text{ MHz}$ ;  $\sigma = 0.891 \text{ S/m}$ ;  $\epsilon_r = 43.472$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

Maximum value of SAR (interpolated) = 5.39 W/kg

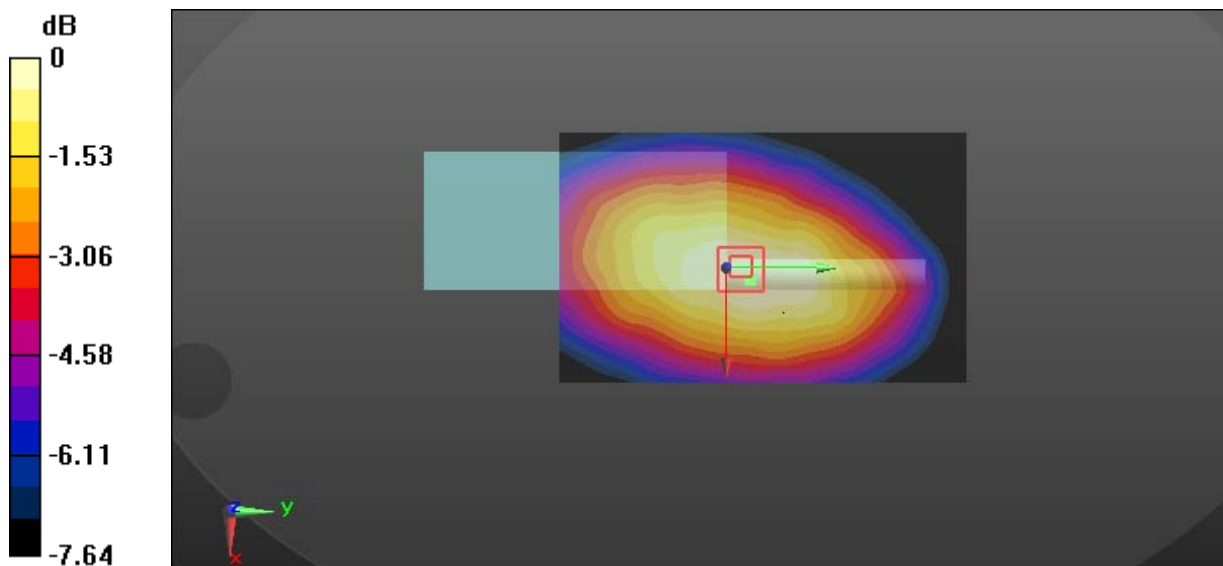
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 66.90 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.97 W/kg

**SAR(1 g) = 3.98 W/kg; SAR(10 g) = 3.03 W/kg**

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



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

**Test Plot 30\*:FM\_12.5 kHz\_400.0125 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 400.012 \text{ MHz}$ ;  $\sigma = 0.95 \text{ S/m}$ ;  $\epsilon_r = 55.113$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

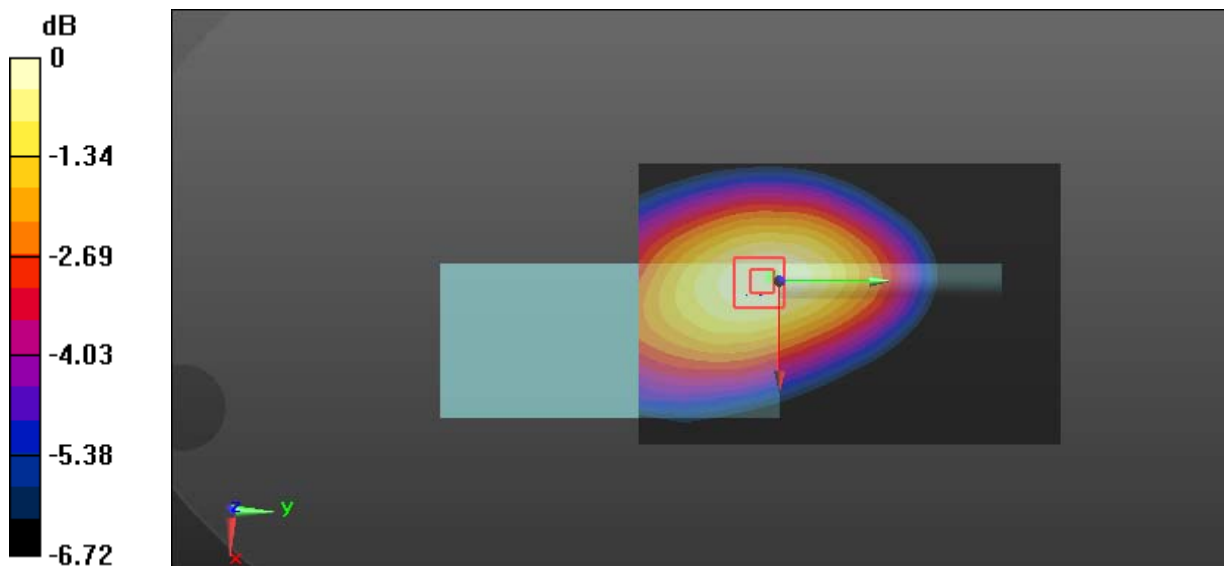
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 98.52 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 14.0 W/kg

**SAR(1 g) = 9.56 W/kg; SAR(10 g) = 7.4 W/kg**

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



0 dB = 12.1 W/kg = 10.83 dBW/kg

**Test Plot 31\*:FM\_12.5 kHz\_418 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 418 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 418 \text{ MHz}$ ;  $\sigma = 0.957 \text{ S/m}$ ;  $\epsilon_r = 55.237$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

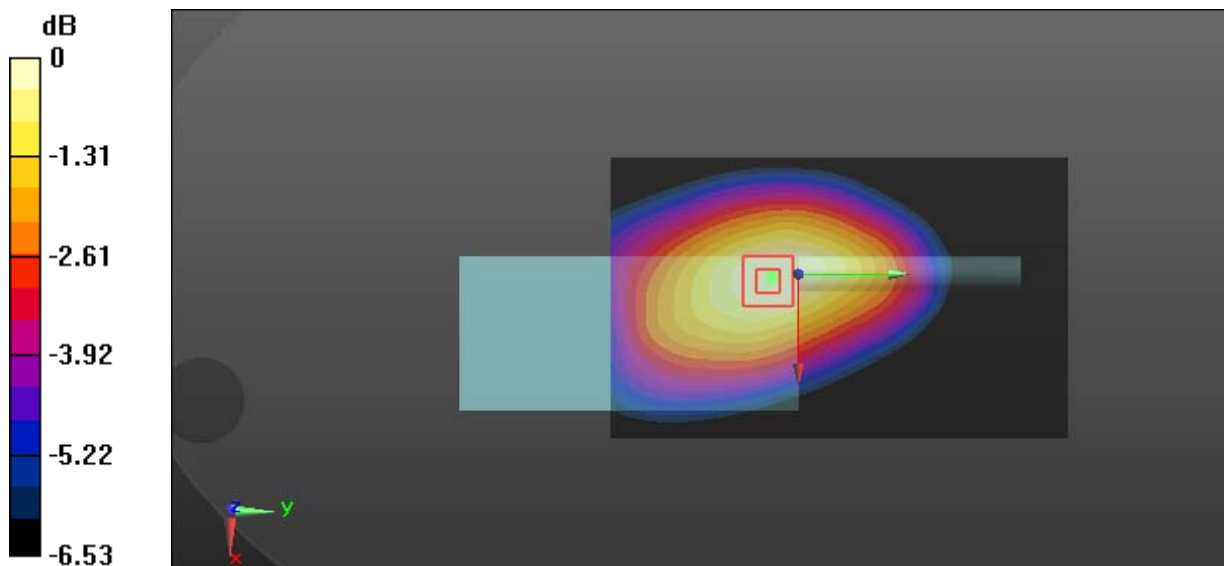
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 98.76 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 14.1 W/kg

**SAR(1 g) = 9.61 W/kg; SAR(10 g) = 7.37 W/kg**

Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg = 10.86 dBW/kg

**Test Plot 32\*:FM\_12.5 kHz\_435 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 435 \text{ MHz}$ ;  $\sigma = 0.973 \text{ S/m}$ ;  $\epsilon_r = 55.447$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

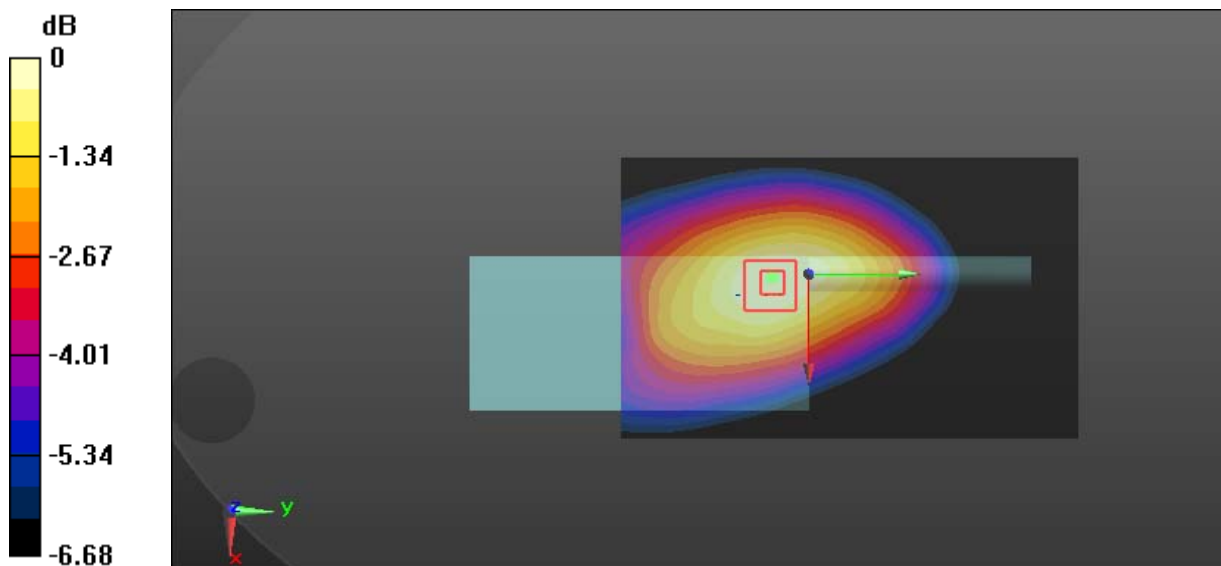
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 91.39 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 12.6 W/kg

**SAR(1 g) = 8.54 W/kg; SAR(10 g) = 6.46 W/kg**

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



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



**Test Plot 33\*:FM\_12.5 kHz\_452 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 452 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 452 \text{ MHz}$ ;  $\sigma = 0.955 \text{ S/m}$ ;  $\epsilon_r = 54.938$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

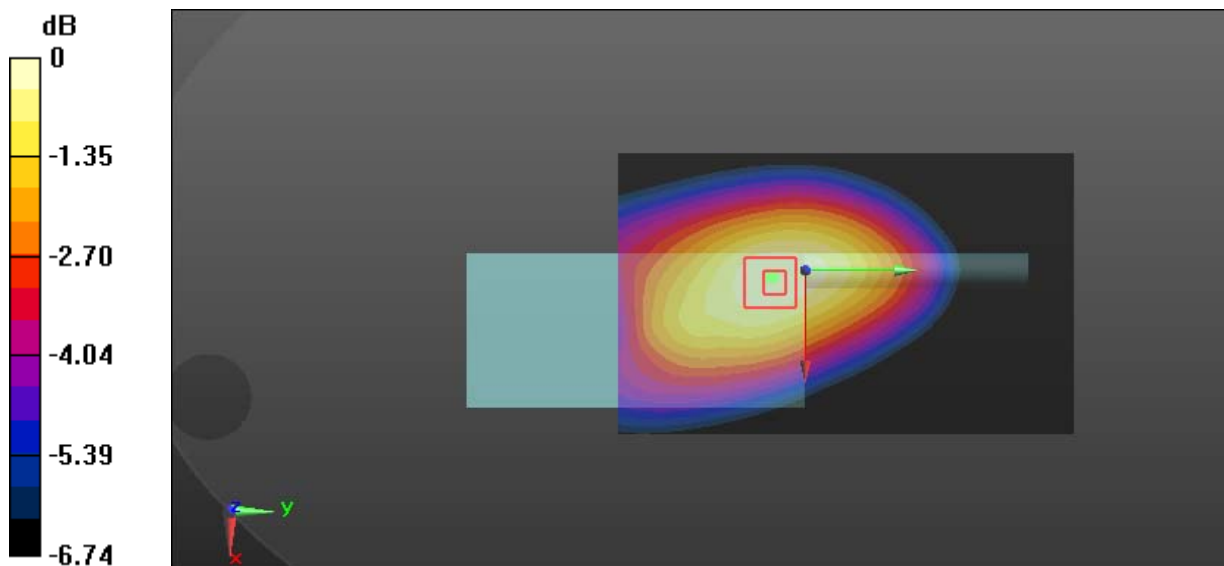
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 78.94 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 9.21 W/kg

**SAR(1 g) = 6.2 W/kg; SAR(10 g) = 4.65 W/kg**

Maximum value of SAR (measured) = 7.94 W/kg



0 dB = 7.94 W/kg = 9.00 dBW/kg

**Test Plot 34\*:FM\_12.5 kHz\_469.9875 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 469.988 \text{ MHz}$ ;  $\sigma = 0.977 \text{ S/m}$ ;  $\epsilon_r = 55.298$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 5.45 W/kg

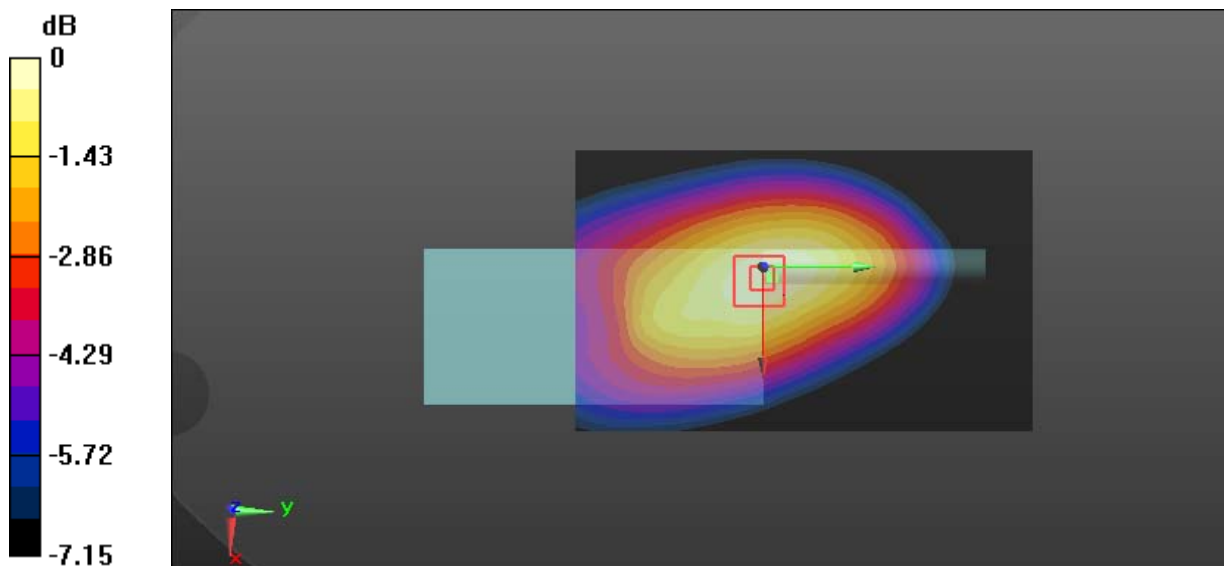
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 66.47 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 6.46 W/kg

**SAR(1 g) = 4.29 W/kg; SAR(10 g) = 3.16 W/kg**

Maximum value of SAR (measured) = 5.58 W/kg



0 dB = 5.58 W/kg = 7.47 dBW/kg

**Test Plot 35\*:FM\_25 kHz\_400.0125 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 400.012 \text{ MHz}$ ;  $\sigma = 0.95 \text{ S/m}$ ;  $\epsilon_r = 55.113$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

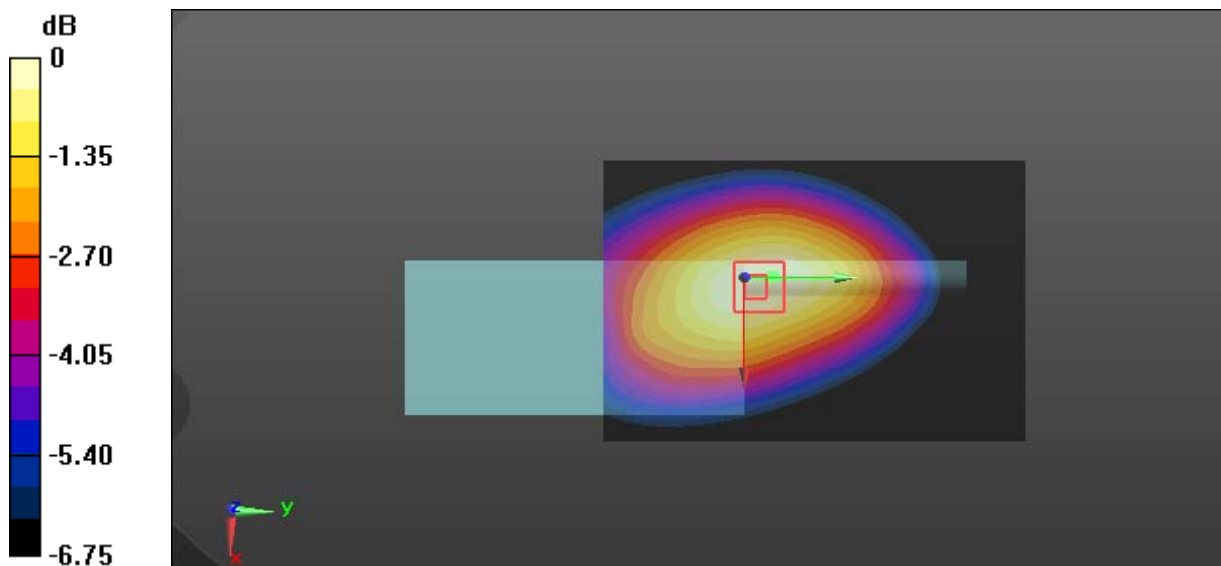
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 99.95 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 14.1 W/kg

**SAR(1 g) = 9.74 W/kg; SAR(10 g) = 7.65 W/kg**

Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg = 10.86 dBW/kg

**Test Plot 36\*:FM\_25 kHz\_418 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 418 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 418 \text{ MHz}$ ;  $\sigma = 0.957 \text{ S/m}$ ;  $\epsilon_r = 55.237$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 12.4 W/kg

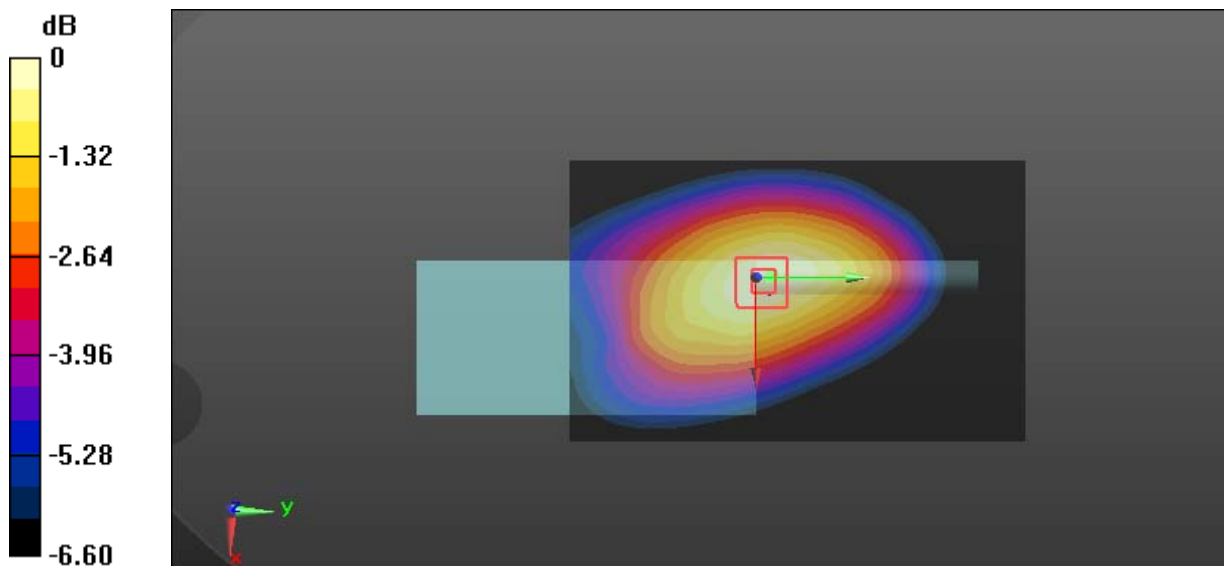
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 101.3 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 14.4 W/kg

**SAR(1 g) = 9.78 W/kg; SAR(10 g) = 7.58 W/kg**

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



0 dB = 12.5 W/kg = 10.97 dBW/kg

**Test Plot 37\*:FM\_25 kHz\_435 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 435 \text{ MHz}$ ;  $\sigma = 0.973 \text{ S/m}$ ;  $\epsilon_r = 55.447$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

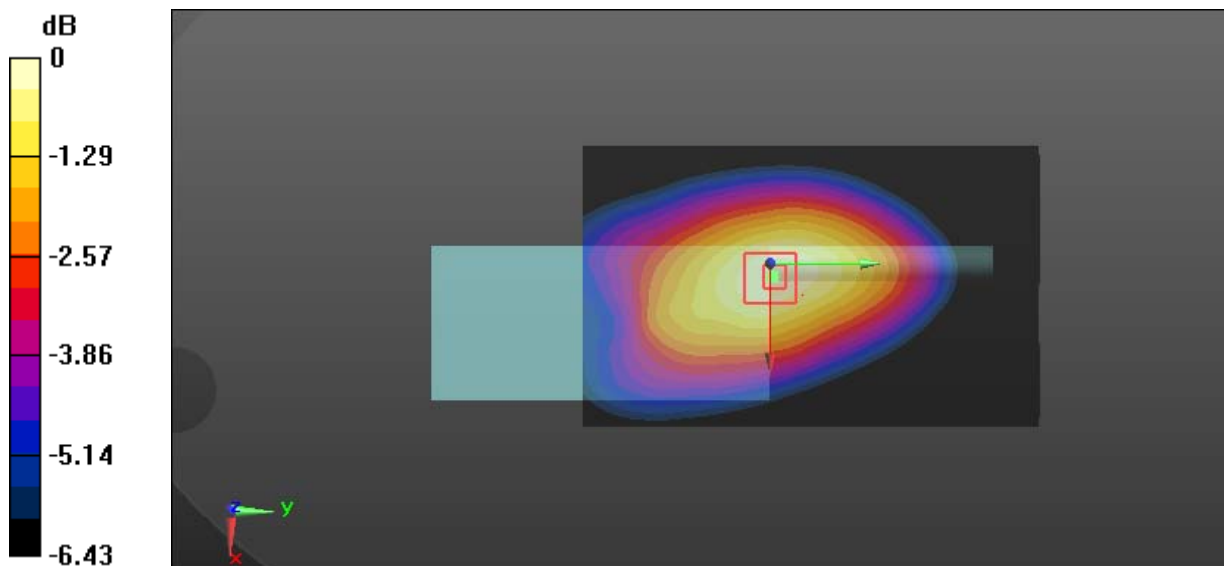
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 94.62 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 13.4 W/kg

**SAR(1 g) = 8.98 W/kg; SAR(10 g) = 6.88 W/kg**

Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

**Test Plot 38\*:FM\_25 kHz\_452 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 452 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 452 \text{ MHz}$ ;  $\sigma = 0.955 \text{ S/m}$ ;  $\epsilon_r = 54.938$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 9.24 W/kg

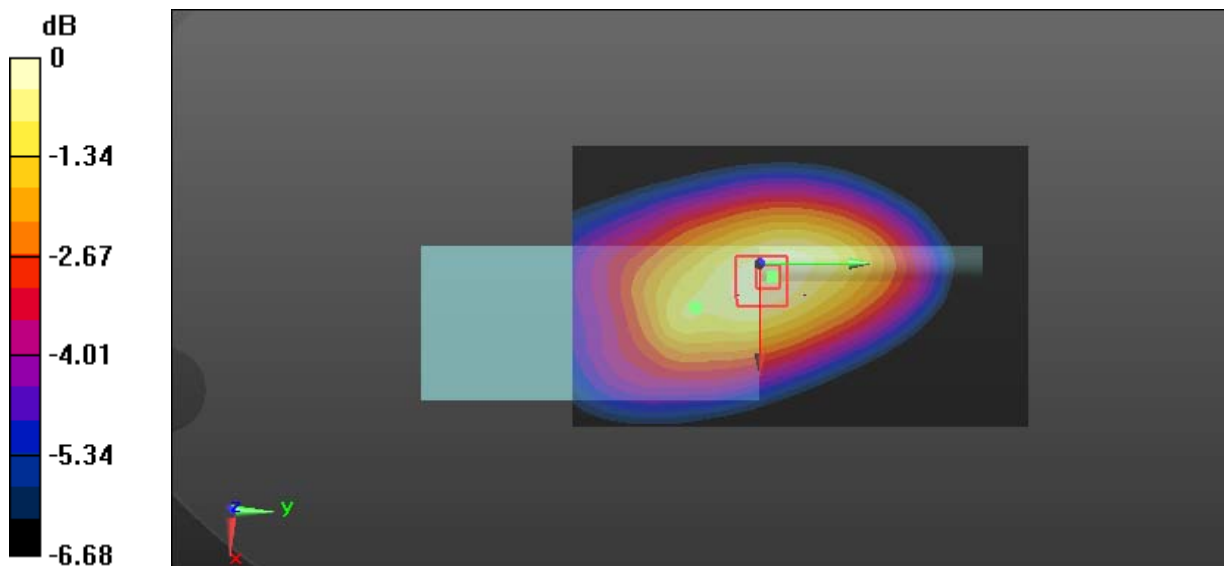
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 84.48 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 11.1 W/kg

**SAR(1 g) = 7.18 W/kg; SAR(10 g) = 5.42 W/kg**

Maximum value of SAR (measured) = 9.38 W/kg



0 dB = 9.38 W/kg = 9.72 dBW/kg

**Test Plot 39\*:FM\_25 kHz\_469.9875 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 469.988 \text{ MHz}$ ;  $\sigma = 0.977 \text{ S/m}$ ;  $\epsilon_r = 55.298$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $5.71 \text{ W/kg}$

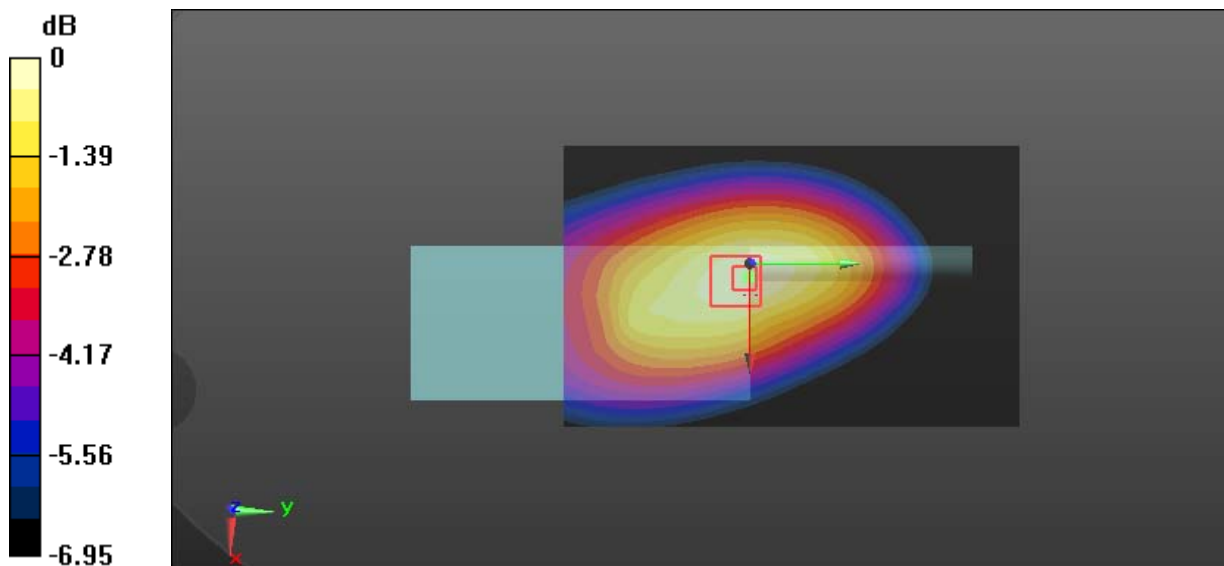
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $67.56 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$

Peak SAR (extrapolated) =  $6.82 \text{ W/kg}$

**SAR(1 g) =  $4.46 \text{ W/kg}$ ; SAR(10 g) =  $3.32 \text{ W/kg}$**

Maximum value of SAR (measured) =  $5.86 \text{ W/kg}$



0 dB =  $5.86 \text{ W/kg}$  =  $7.68 \text{ dBW/kg}$

**Test Plot 40\*:4FSK\_12.5 kHz\_418 MHz\_Body Back****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

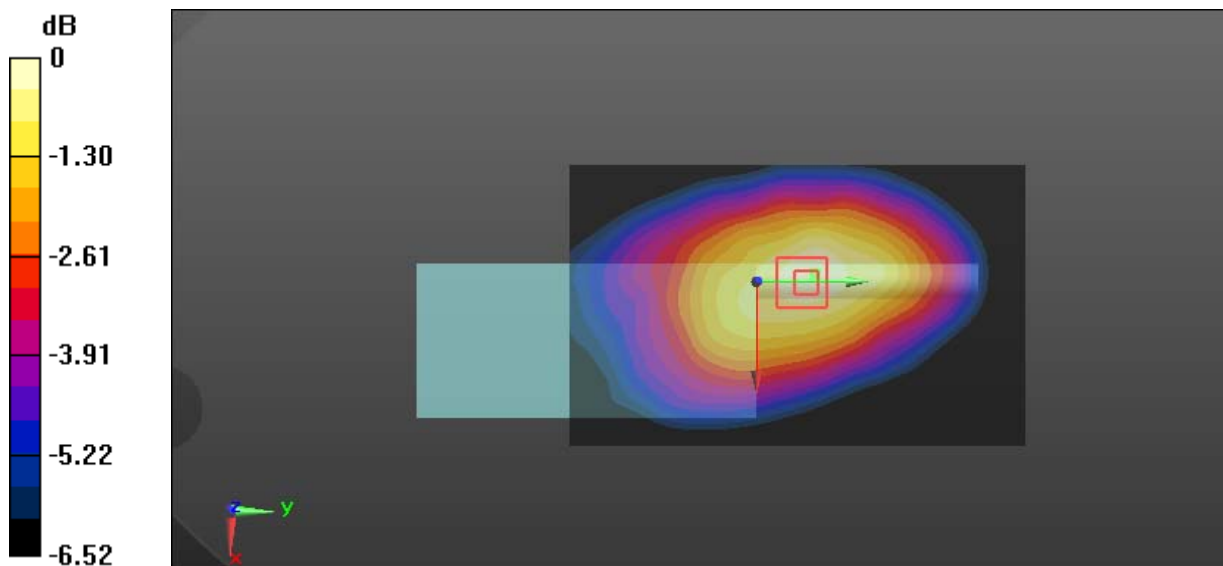
Communication System: 4FSK; Frequency: 418 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 418 \text{ MHz}$ ;  $\sigma = 0.957 \text{ S/m}$ ;  $\epsilon_r = 55.237$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $6.12 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $67.52 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$ Peak SAR (extrapolated) =  $7.21 \text{ W/kg}$ **SAR(1 g) =  $4.69 \text{ W/kg}$ ; SAR(10 g) =  $3.68 \text{ W/kg}$** Maximum value of SAR (measured) =  $6.05 \text{ W/kg}$ 0 dB =  $6.05 \text{ W/kg}$  =  $7.82 \text{ dBW/kg}$



**Test Plot 41\*:FM\_12.5 kHz\_469 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 469 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 469 \text{ MHz}$ ;  $\sigma = 0.872 \text{ S/m}$ ;  $\epsilon_r = 43.302$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 6.97 W/kg

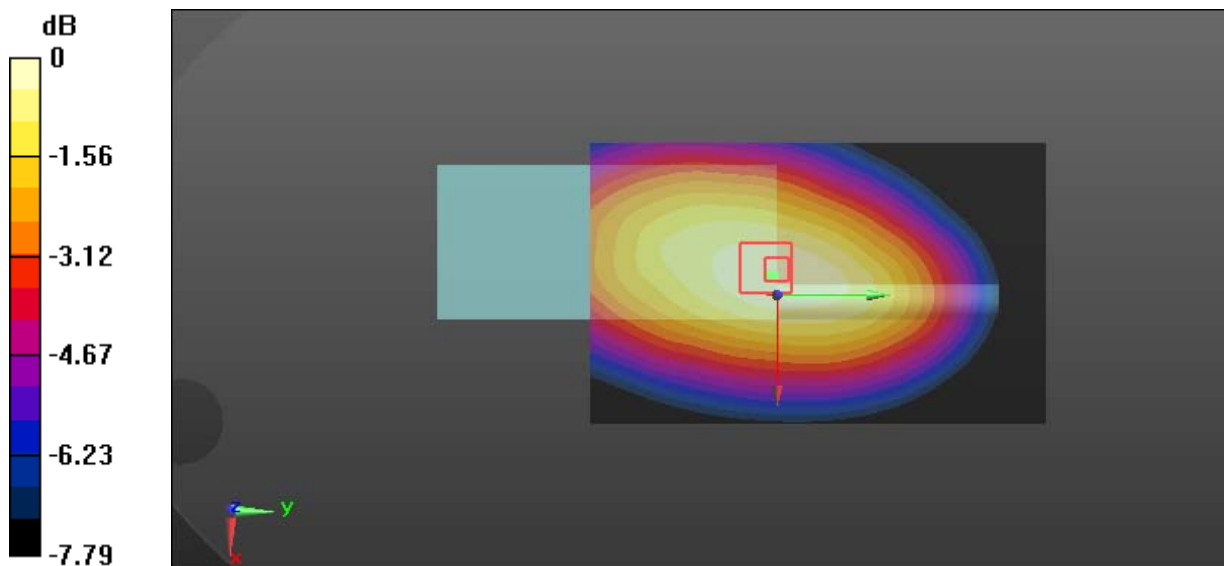
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 82.54 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 8.09 W/kg

**SAR(1 g) = 5.59 W/kg; SAR(10 g) = 4.25 W/kg**

Maximum value of SAR (measured) = 7.11 W/kg



0 dB = 7.11 W/kg = 8.52 dBW/kg

**Test Plot 42\*:FM\_25 kHz\_469 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 469 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 469 \text{ MHz}$ ;  $\sigma = 0.872 \text{ S/m}$ ;  $\epsilon_r = 43.302$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 7.14 W/kg

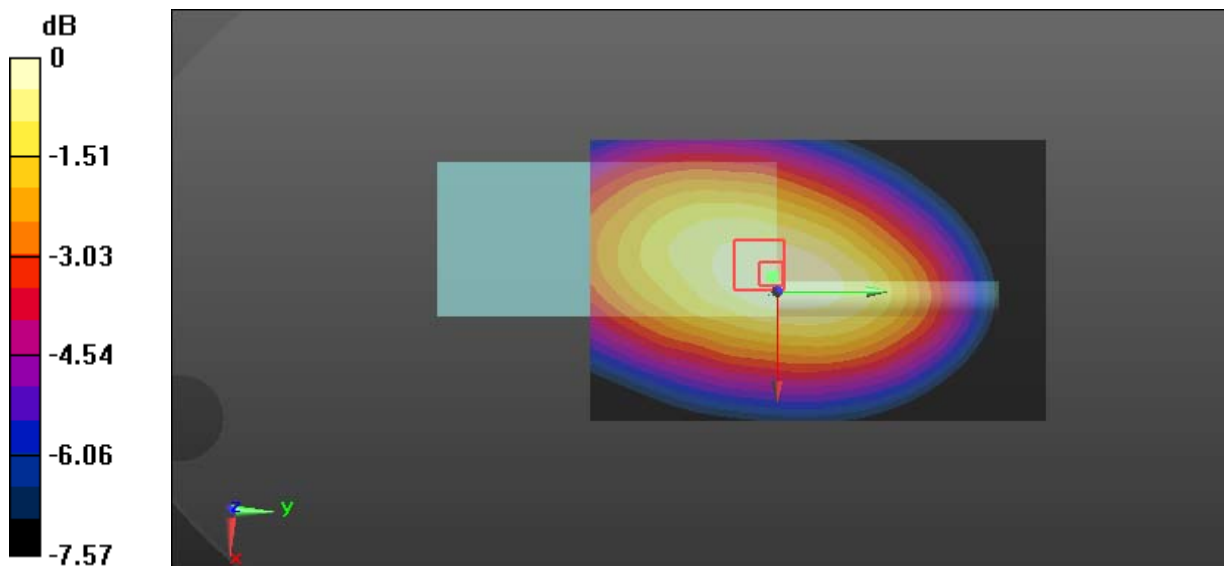
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 93.09 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 8.15 W/kg

**SAR(1 g) = 5.73 W/kg; SAR(10 g) = 4.37 W/kg**

Maximum value of SAR (measured) = 7.20 W/kg



0 dB = 7.20 W/kg = 8.57 dBW/kg

**Test Plot 43\*:4FSK\_12.5 kHz\_469 MHz\_Face Up**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

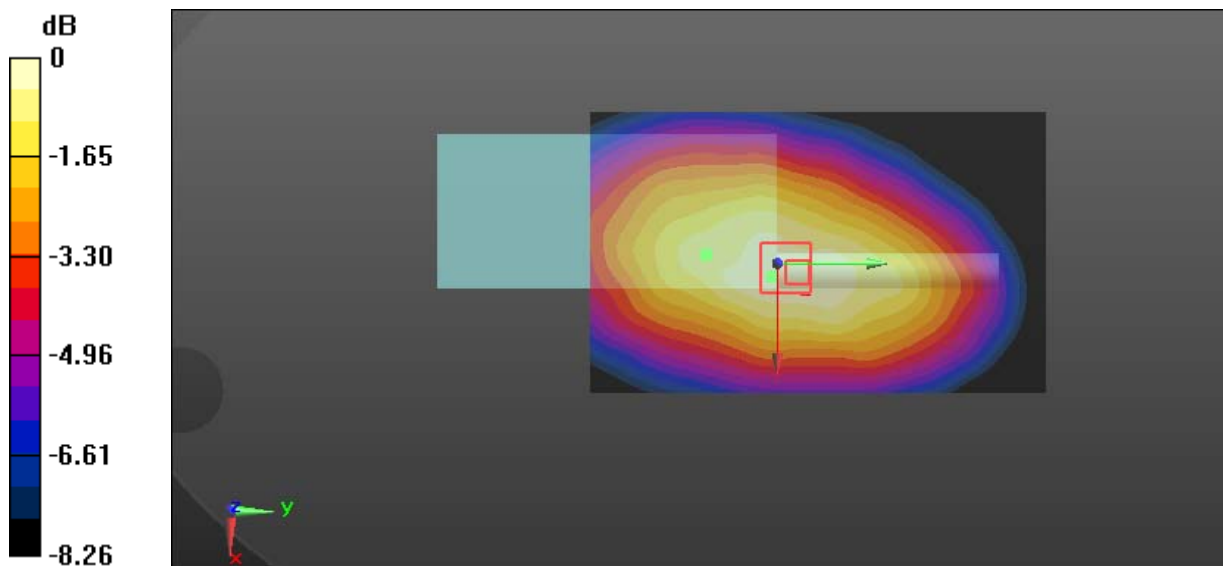
Communication System: 4FSK; Frequency: 469 MHz;Duty Cycle: 1:2  
 Medium parameters used:  $f = 469 \text{ MHz}$ ;  $\sigma = 0.872 \text{ S/m}$ ;  $\epsilon_r = 43.302$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.97, 10.97, 10.97); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 4.76 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 65.47 V/m; Power Drift = 0.13 dB  
 Peak SAR (extrapolated) = 5.72 W/kg  
**SAR(1 g) = 3.71 W/kg; SAR(10 g) = 2.79 W/kg**  
 Maximum value of SAR (measured) = 4.88 W/kg



0 dB = 4.88 W/kg = 6.88 dBW/kg

**Test Plot 44\*:FM\_12.5 kHz\_450.0125 MHz\_Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 450.012 \text{ MHz}$ ;  $\sigma = 0.944 \text{ S/m}$ ;  $\epsilon_r = 54.928$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.95 W/kg

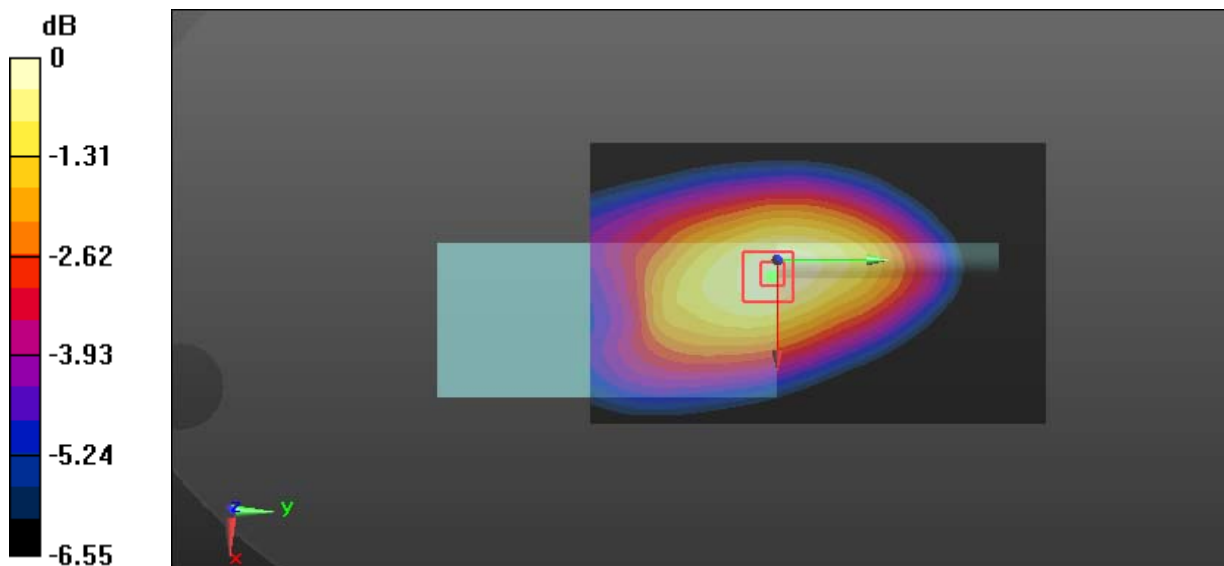
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 83.90 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 10.4 W/kg

**SAR(1 g) = 7.03 W/kg; SAR(10 g) = 5.29 W/kg**

Maximum value of SAR (measured) = 9.03 W/kg



0 dB = 9.03 W/kg = 9.56 dBW/kg

**Test Plot 45\*:FM\_12.5 kHz\_469 MHz\_ Body Back****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 469 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 469$  MHz;  $\sigma = 0.969$  S/m;  $\epsilon_r = 55.049$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

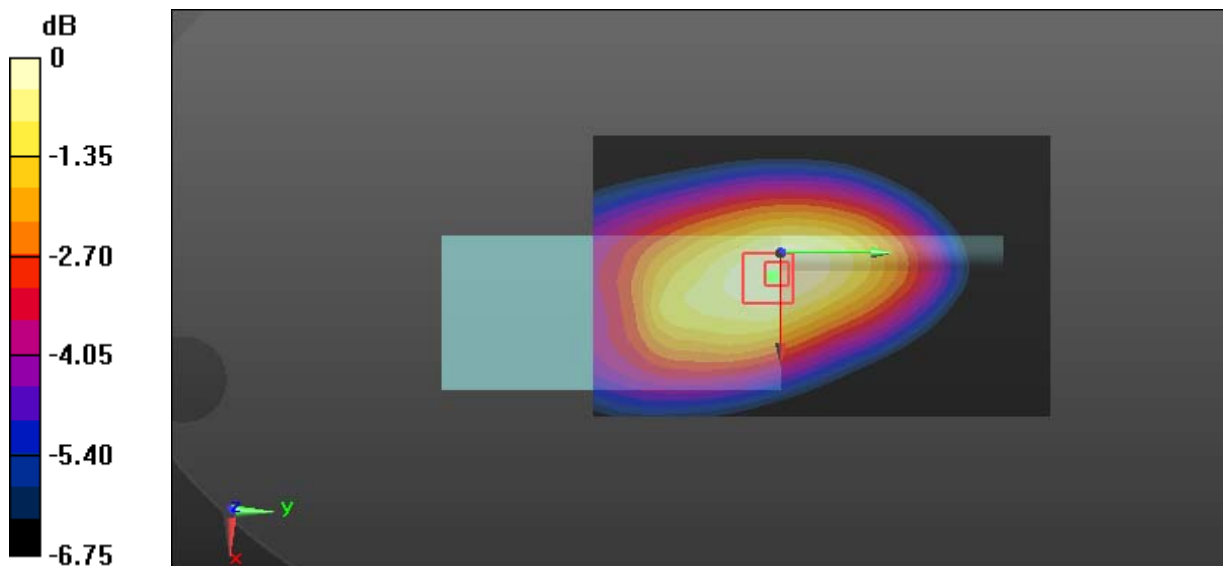
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.23 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 9.94 W/kg

**SAR(1 g) = 6.65 W/kg; SAR(10 g) = 4.95 W/kg**

Maximum value of SAR (measured) = 8.59 W/kg



0 dB = 8.59 W/kg = 9.34 dBW/kg

**Test Plot 46\*:FM\_12.5 kHz\_488 MHz\_ Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 488 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 488 \text{ MHz}$ ;  $\sigma = 0.954 \text{ S/m}$ ;  $\epsilon_r = 55.38$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 7.18 W/kg

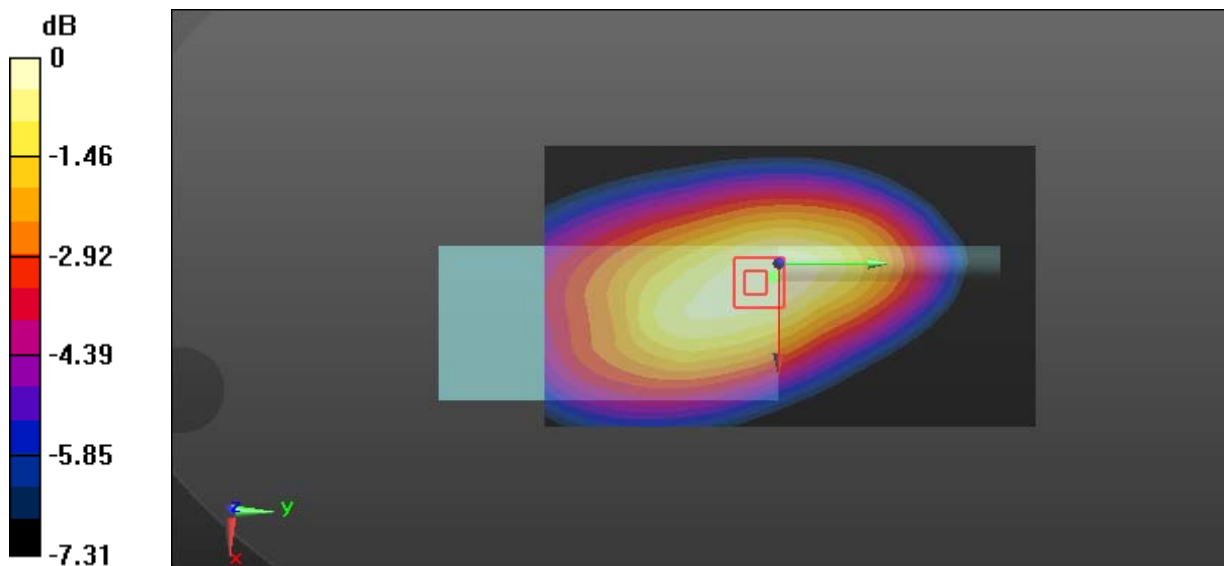
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 79.66 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 8.33 W/kg

**SAR(1 g) = 5.64 W/kg; SAR(10 g) = 4.15 W/kg**

Maximum value of SAR (measured) = 7.23 W/kg



0 dB = 7.23 W/kg = 8.59 dBW/kg

**Test Plot 47\*:FM\_12.5 kHz\_507 MHz\_ Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 507 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 507 \text{ MHz}$ ;  $\sigma = 0.975 \text{ S/m}$ ;  $\epsilon_r = 55.204$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 7.18 W/kg

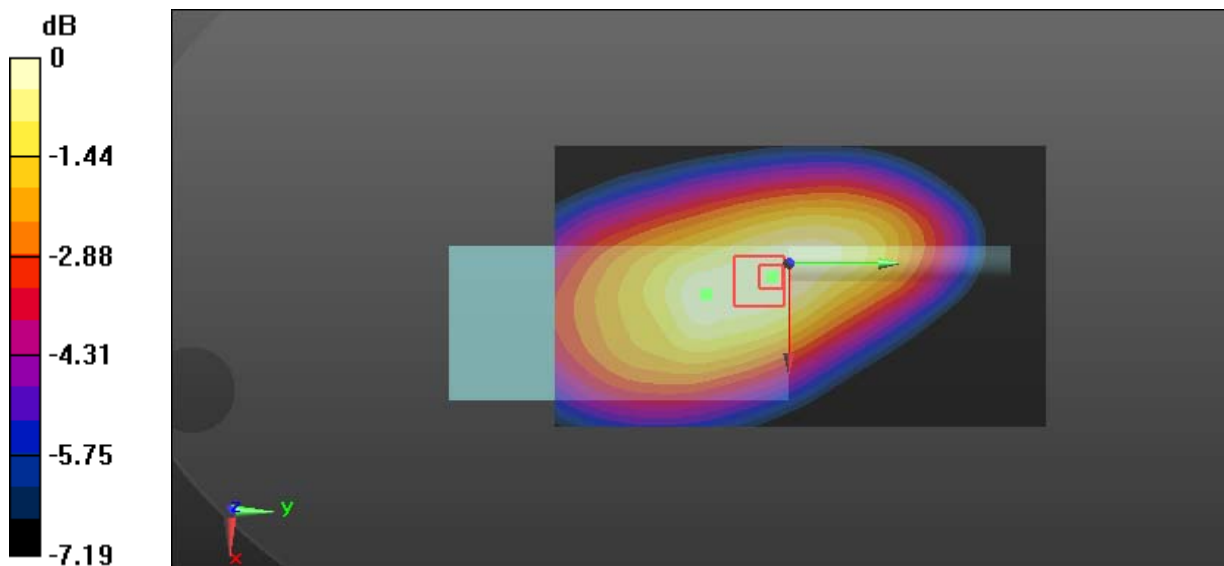
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 76.27 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 8.22 W/kg

**SAR(1 g) = 5.63 W/kg; SAR(10 g) = 4.16 W/kg**

Maximum value of SAR (measured) = 7.16 W/kg



0 dB = 7.16 W/kg = 8.55 dBW/kg

**Test Plot 48\*:FM\_12.5 kHz\_511.9875 MHz\_ Body Back****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 511.988 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 511.988$  MHz;  $\sigma = 0.973$  S/m;  $\epsilon_r = 55.426$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

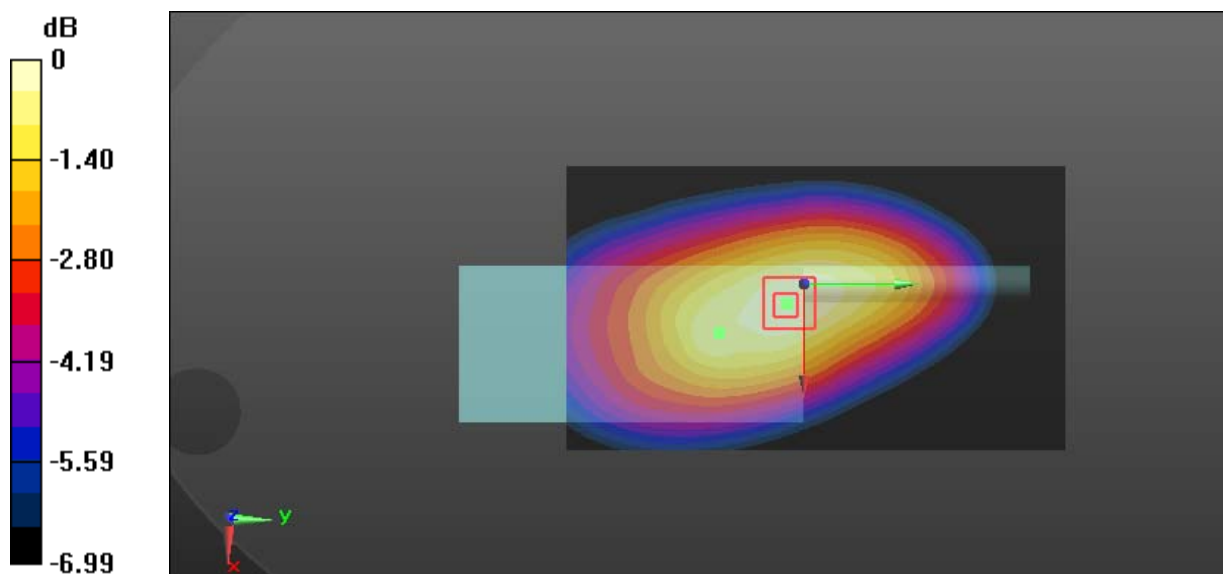
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 69.84 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 7.11 W/kg

**SAR(1 g) = 4.75 W/kg; SAR(10 g) = 3.52 W/kg**

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



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



**Test Plot 49\*:FM\_25 kHz\_450.0125 MHz\_ Body Back****DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.944$  S/m;  $\epsilon_r = 54.928$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.33 W/kg

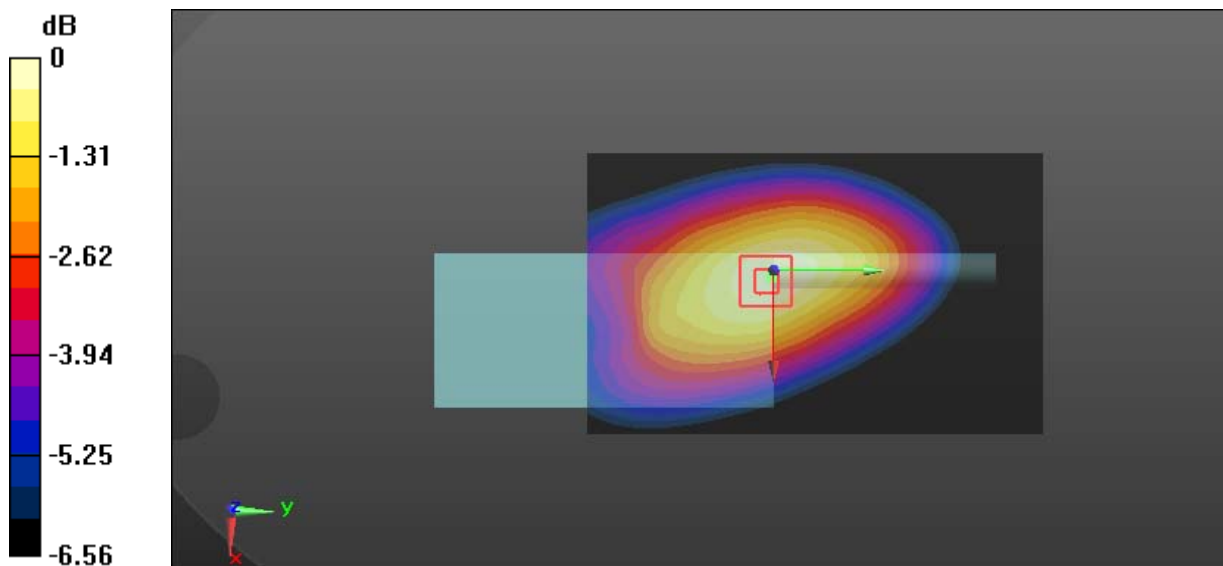
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.13 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 10.9 W/kg

**SAR(1 g) = 7.3 W/kg; SAR(10 g) = 5.52 W/kg**

Maximum value of SAR (measured) = 9.40 W/kg



0 dB = 9.40 W/kg = 9.73 dBW/kg

**Test Plot 50\*:FM\_25 kHz\_469 MHz\_ Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 469 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 469 \text{ MHz}$ ;  $\sigma = 0.969 \text{ S/m}$ ;  $\epsilon_r = 55.049$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 9.02 W/kg

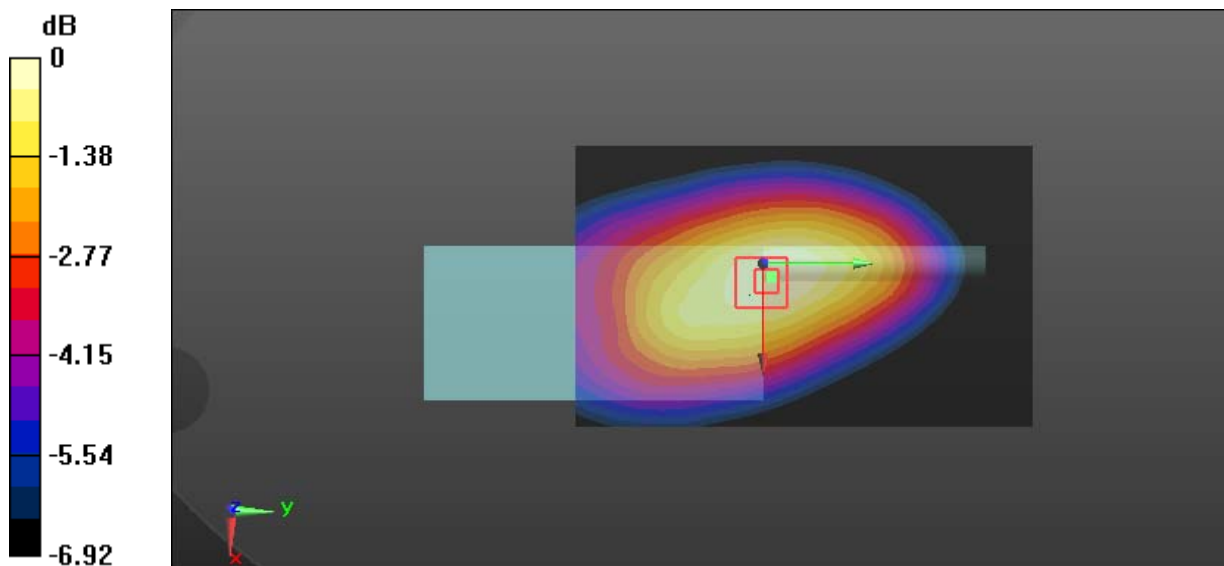
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 82.70 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 10.4 W/kg

**SAR(1 g) = 6.87 W/kg; SAR(10 g) = 5.1 W/kg**

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



0 dB = 8.92 W/kg = 9.50 dBW/kg

**Test Plot 51\*:FM\_25 kHz\_488 MHz\_ Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 488 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 488 \text{ MHz}$ ;  $\sigma = 0.954 \text{ S/m}$ ;  $\epsilon_r = 55.38$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 7.53 W/kg

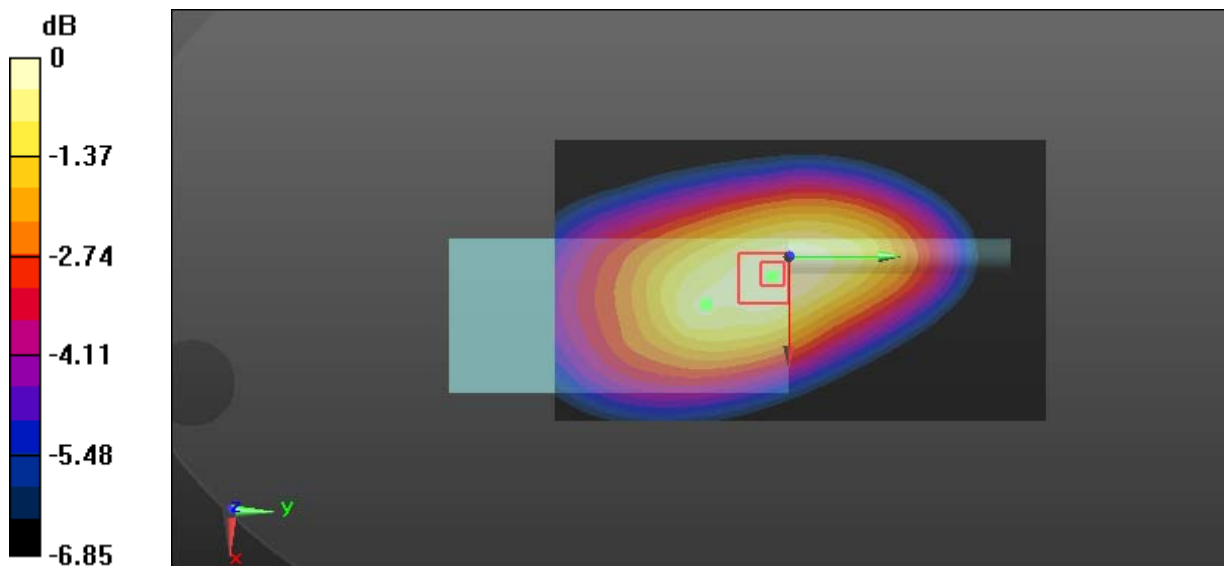
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 76.90 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 8.60 W/kg

**SAR(1 g) = 5.75 W/kg; SAR(10 g) = 4.26 W/kg**

Maximum value of SAR (measured) = 7.37 W/kg



0 dB = 7.37 W/kg = 8.67 dBW/kg

**Test Plot 52\*:FM\_25 kHz\_507 MHz\_ Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 507 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 507 \text{ MHz}$ ;  $\sigma = 0.975 \text{ S/m}$ ;  $\epsilon_r = 55.204$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 7.38 W/kg

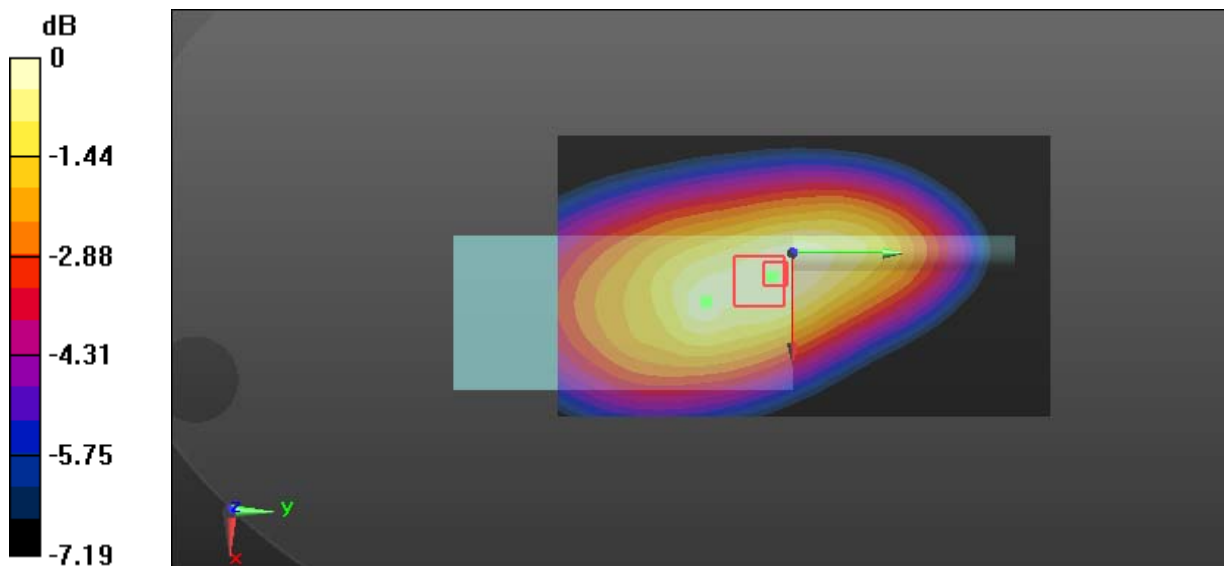
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 75.53 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 8.46 W/kg

**SAR(1 g) = 5.71 W/kg; SAR(10 g) = 4.2 W/kg**

Maximum value of SAR (measured) = 7.38 W/kg



0 dB = 7.38 W/kg = 8.68 dBW/kg

**Test Plot 53\*:FM\_25 kHz\_511.9875 MHz\_ Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: FM; Frequency: 511.988 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 511.988 \text{ MHz}$ ;  $\sigma = 0.973 \text{ S/m}$ ;  $\epsilon_r = 55.426$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 6.41 W/kg

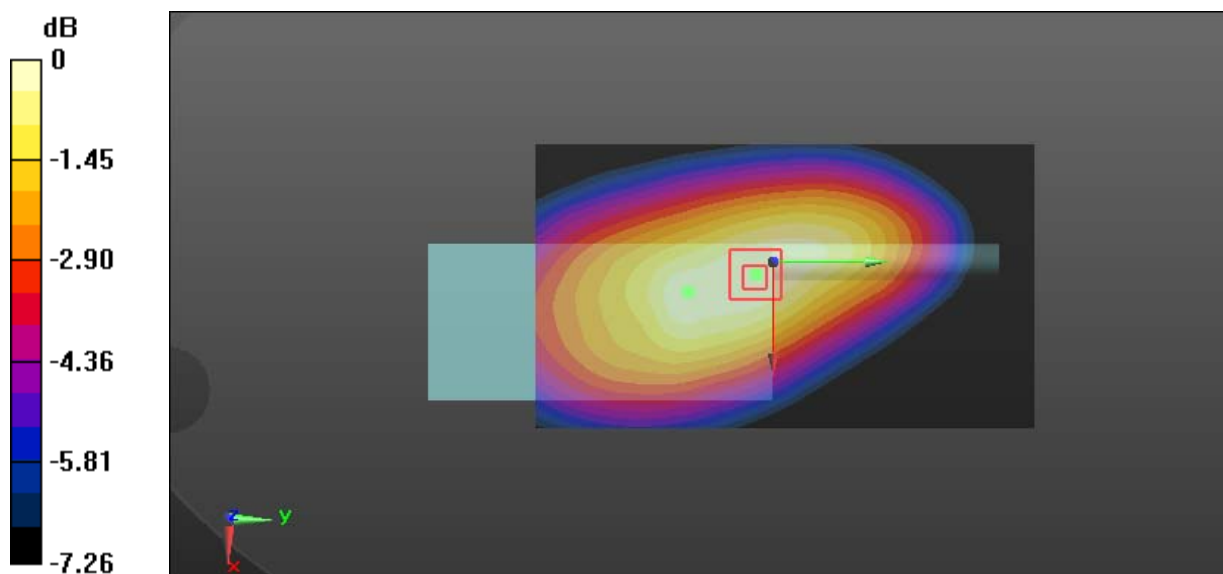
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 71.92 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 7.31 W/kg

**SAR(1 g) = 5.01 W/kg; SAR(10 g) = 3.68 W/kg**

Maximum value of SAR (measured) = 6.37 W/kg



0 dB = 6.37 W/kg = 8.04 dBW/kg

**Test Plot 54\*:4FSK\_12.5 kHz\_450.0125 MHz\_ Body Back**

**DUT: Multi-mode Advanced Radio; Type: PDC760 UxB2; Serial: 17122600821**

Communication System: 4FSK; Frequency: 450.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 450.012 \text{ MHz}$ ;  $\sigma = 0.944 \text{ S/m}$ ;  $\epsilon_r = 54.928$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 2017/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1459; Calibrated: 2017/9/15
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 4.59 W/kg

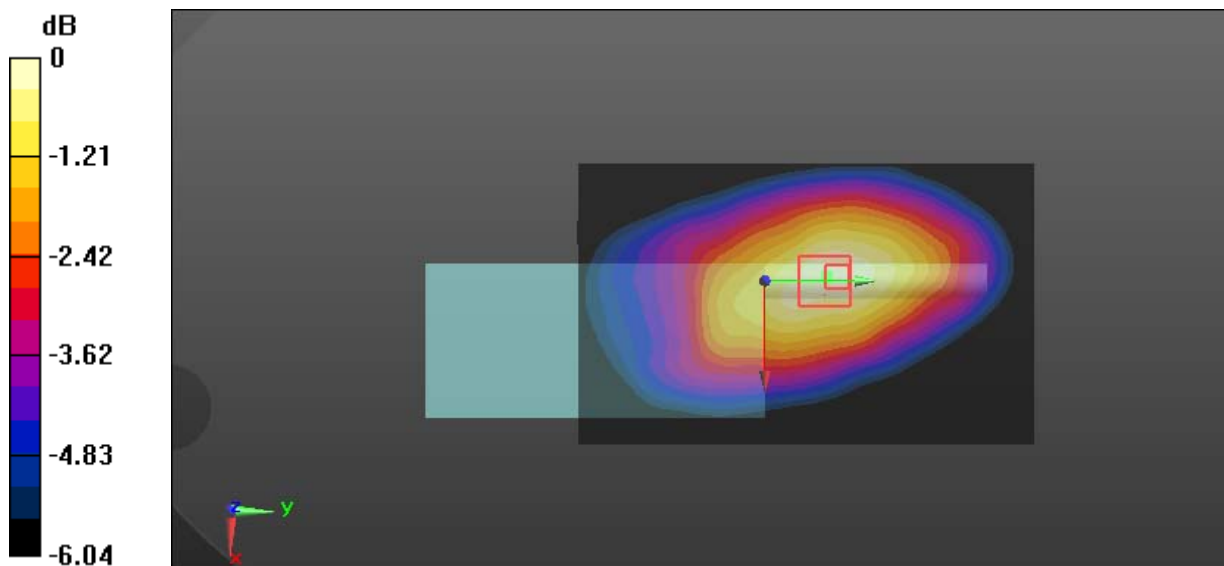
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 57.39 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.45 W/kg

**SAR(1 g) = 3.59 W/kg; SAR(10 g) = 2.78 W/kg**

Maximum value of SAR (measured) = 4.55 W/kg



0 dB = 4.55 W/kg = 6.58 dBW/kg