

## Wi-Fi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.956$  mho/m;  $\epsilon_r = 50.566$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 10/8/2012
- Probe: EX3DV4 - SN3885; ConvF(6.8, 6.8, 6.8); Calibrated: 10/9/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Main Ant., Edge 4/802.11b Ch 6/Area Scan (8x9x1):** Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.50 W/kg

**Main Ant., Edge 4/802.11b Ch 6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

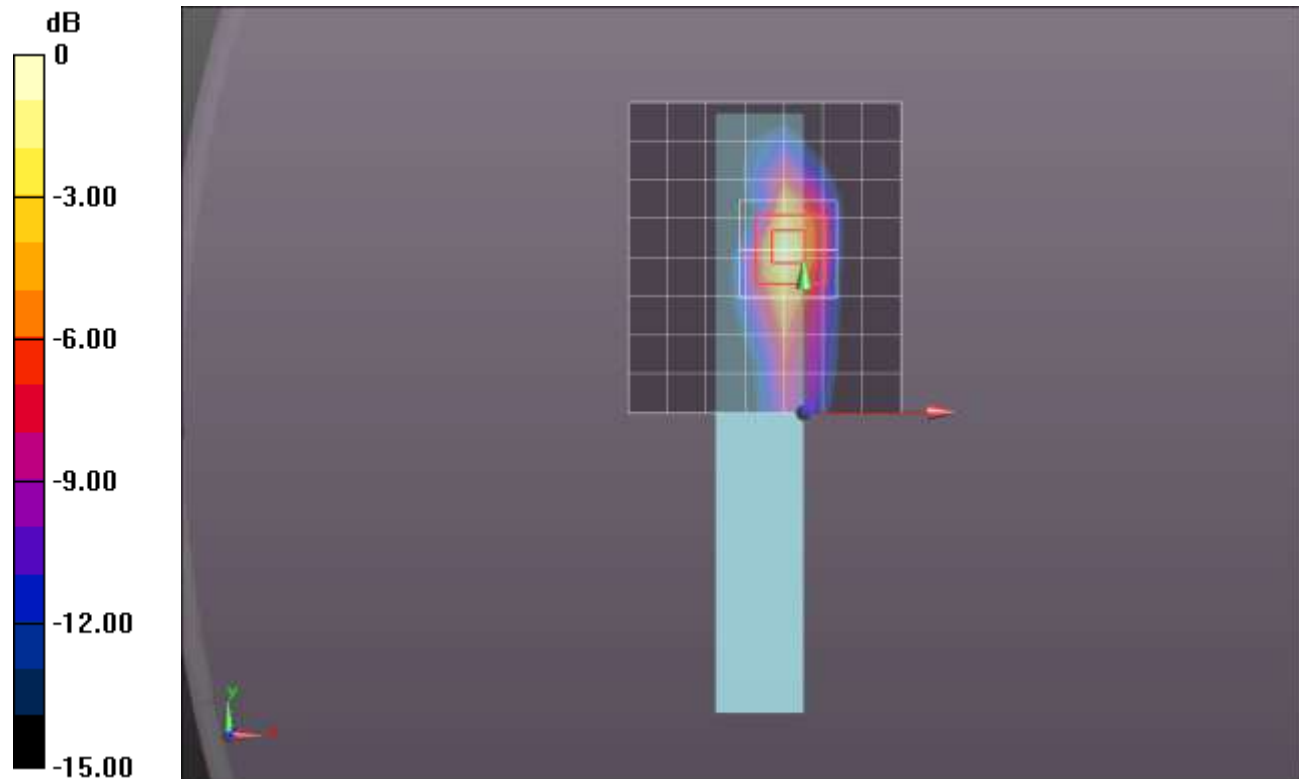
Reference Value = 27.963 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.61 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.411 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

## Wi-Fi 5 GHz

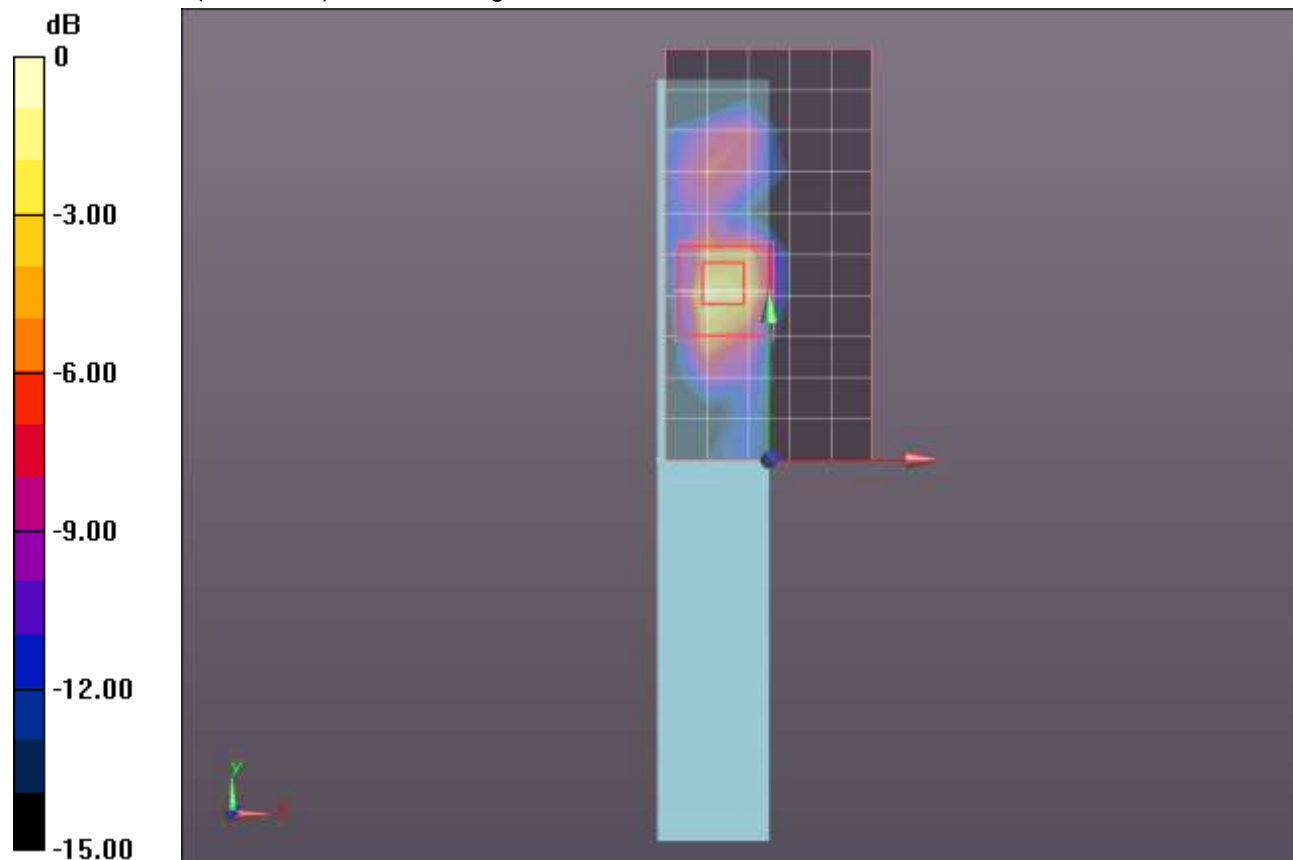
Frequency: 5220 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 5.448 \text{ mho/m}$ ;  $\epsilon_r = 47.026$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(4.15, 4.15, 4.15); Calibrated: 3/14/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Main Ant., Edge 4 Under ELI/802.11a Ch 44--/Area Scan (6x11x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 1.203 mW/g

**Main Ant., Edge 4 Under ELI/802.11a Ch 44--/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 14.843 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 3.559 W/kg  
**SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.204 mW/g**  
 Maximum value of SAR (measured) = 1.721 mW/g



0 dB = 1.720mW/g

## Wi-Fi 5 GHz

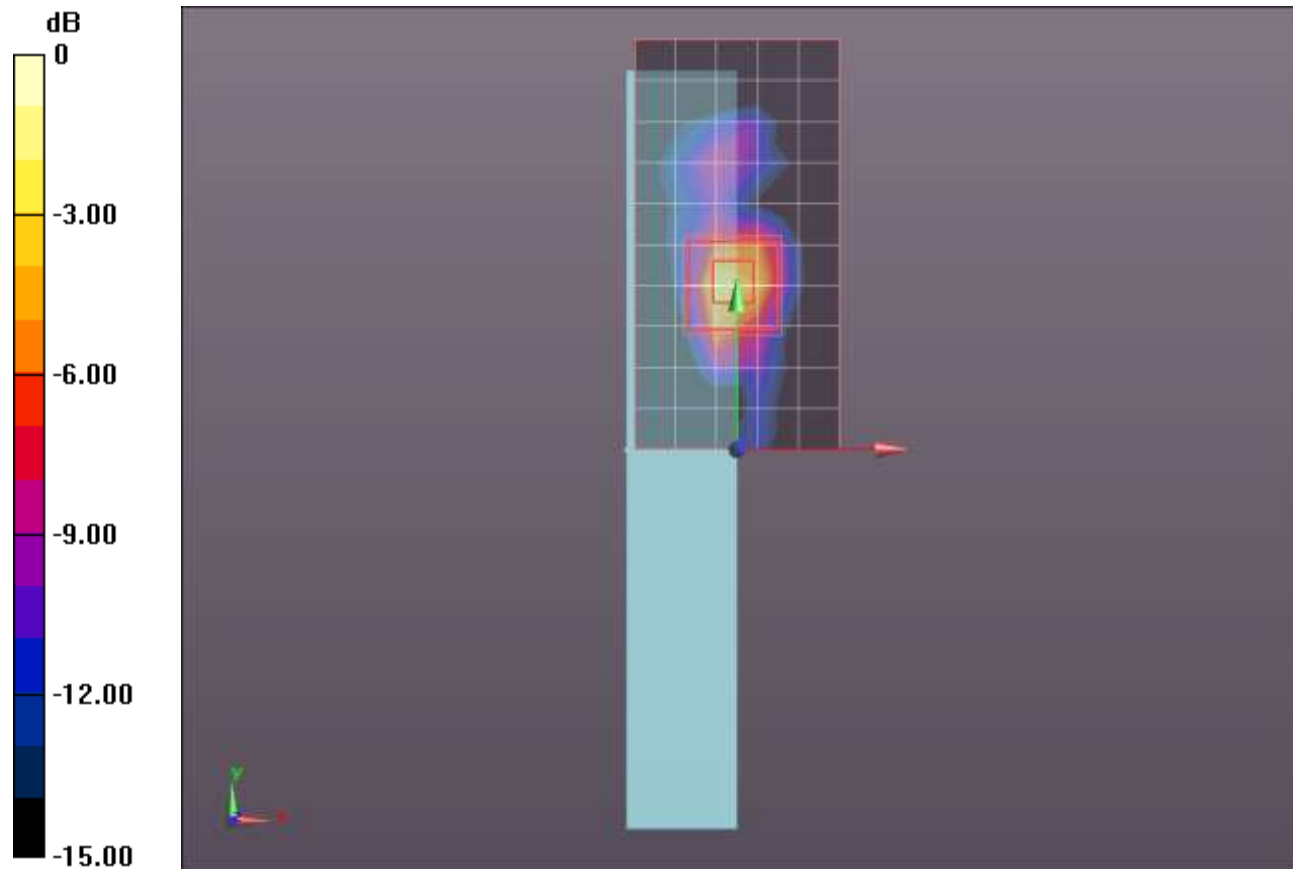
Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.537$  mho/m;  $\epsilon_r = 46.928$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(3.83, 3.83, 3.83); Calibrated: 3/14/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Main Ant., Edge 4 Under ELI/802.11a Ch 60/Area Scan (6x11x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 1.636 mW/g

**Main Ant., Edge 4 Under ELI/802.11a Ch 60/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 18.156 V/m; Power Drift = -0.12 dB  
 Peak SAR (extrapolated) = 4.917 W/kg  
**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.301 mW/g**  
 Maximum value of SAR (measured) = 2.460 mW/g



0 dB = 2.460mW/g

## Wi-Fi 5 GHz

Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.913 \text{ mho/m}$ ;  $\epsilon_r = 46.405$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(3.46, 3.46, 3.46); Calibrated: 3/14/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Main Ant., Edge 4 Under ELI/802.11a Ch 116/Area Scan (6x11x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.432 mW/g

**Main Ant., Edge 4 Under ELI/802.11a Ch 116/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

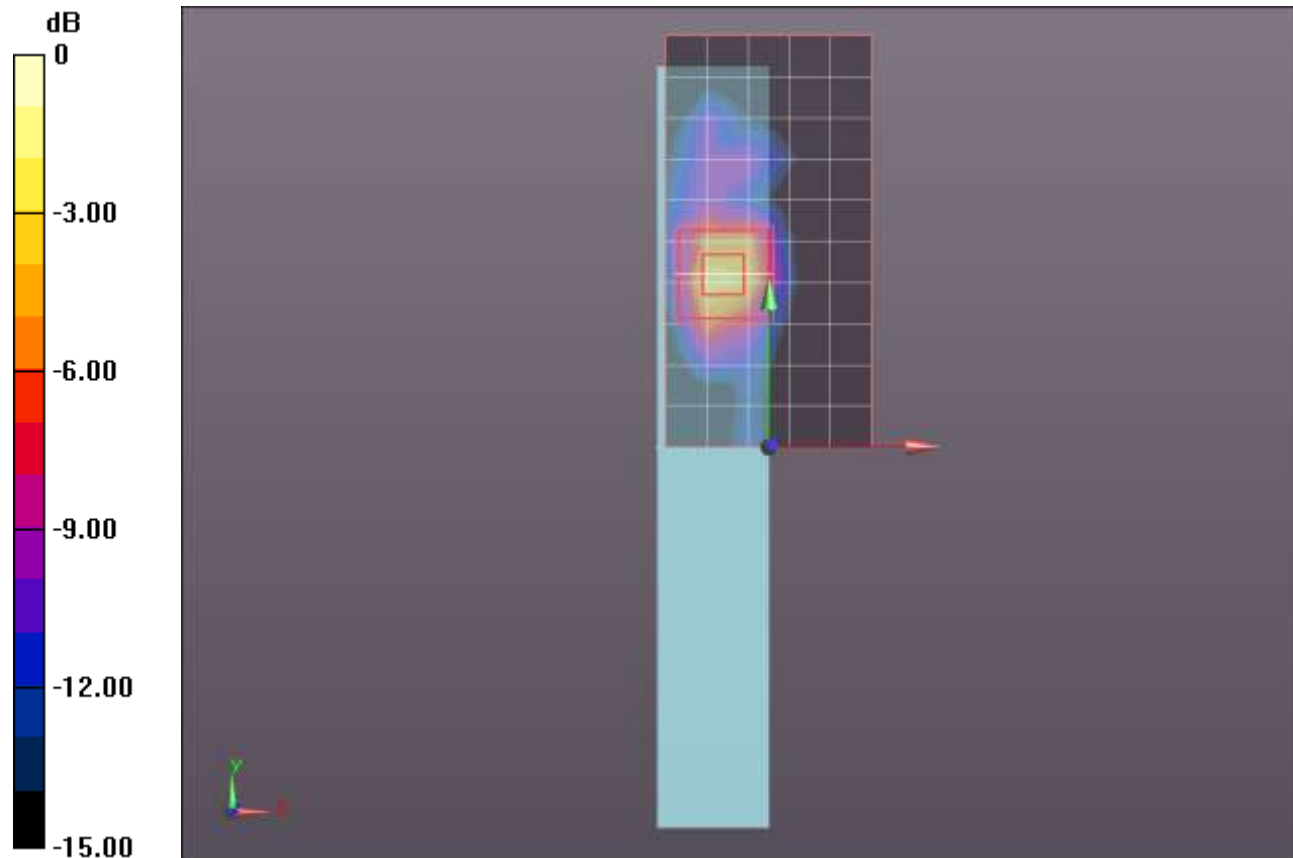
dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.146 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.603 W/kg

**SAR(1 g) = 1 mW/g; SAR(10 g) = 0.261 mW/g**

Maximum value of SAR (measured) = 2.258 mW/g



0 dB = 2.260mW/g

## Wi-Fi 5 GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 6.174 \text{ mho/m}$ ;  $\epsilon_r = 46.102$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(3.57, 3.57, 3.57); Calibrated: 3/14/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

**Aux Ant., Edge 3 Under ELI/802.11a Ch 157-/Area Scan (7x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.144 mW/g

**Aux Ant., Edge 3 Under ELI/802.11a Ch 157-/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

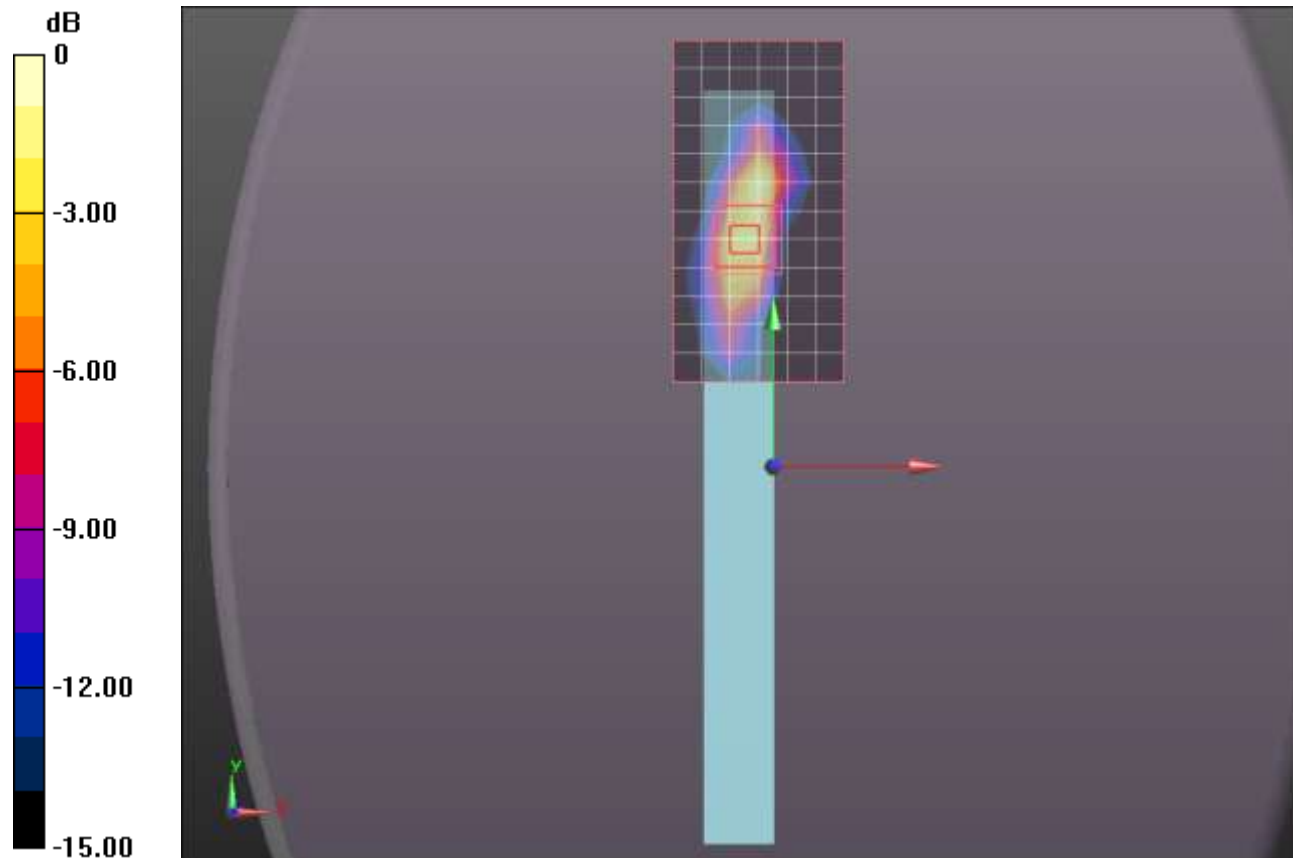
dx=4mm, dy=4mm, dz=2mm

Reference Value = 13.990 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.270 W/kg

**SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.211 mW/g**

Maximum value of SAR (measured) = 1.577 mW/g



0 dB = 1.580mW/g