

## Wi-Fi 2.4GHz\_MIMO

Frequency: 2457 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2457$  MHz;  $\sigma = 1.925$  S/m;  $\epsilon_r = 54.19$ ;  $\rho = 1000$  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 Sn1257; Calibrated: 9/29/2014
- Probe: EX3DV4 - SN3772; ConvF(6.58, 6.58, 6.58); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: QDOVA002AA; Serial: 1258

**Edge 3/802.11g\_ch 10/Area Scan (6x21x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.24 W/kg

**Edge 3/802.11g\_ch 10/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.623 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.49 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.396 W/kg**

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

Maximum value of SAR (measured) = 1.86 W/kg

**Edge 3/802.11g\_ch 10/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

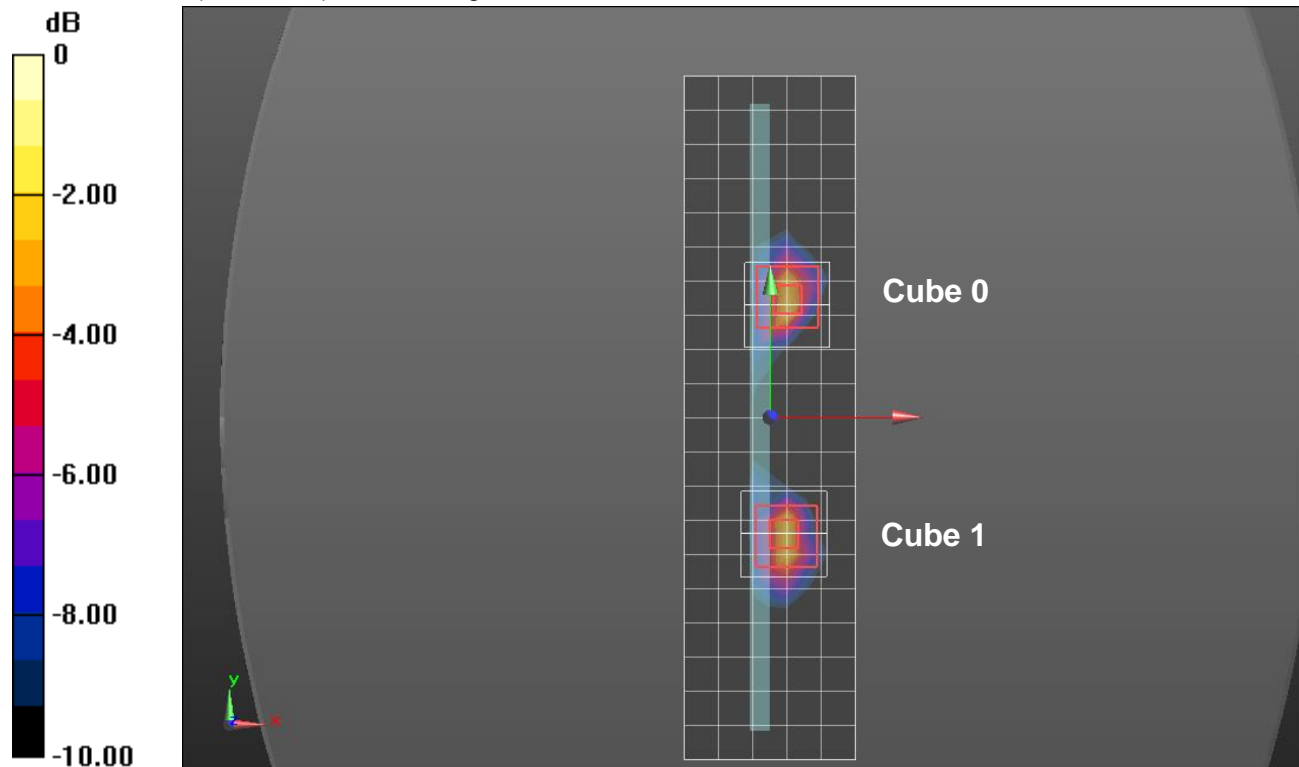
Reference Value = 26.623 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.31 W/kg

**SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.384 W/kg**

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

Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.88 W/kg = 2.74 dBW/kg

## Wi-Fi 5 GHz\_Ant A

Frequency: 5230 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5230 \text{ MHz}$ ;  $\sigma = 5.4 \text{ S/m}$ ;  $\epsilon_r = 47.91$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/18/2015
- Probe: EX3DV4 - SN3929; ConvF(4.41, 4.41, 4.41); Calibrated: 4/22/2015;
- 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

**Edge 3/802.11n\_Ch 46/Area Scan (9x24x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.33 W/kg

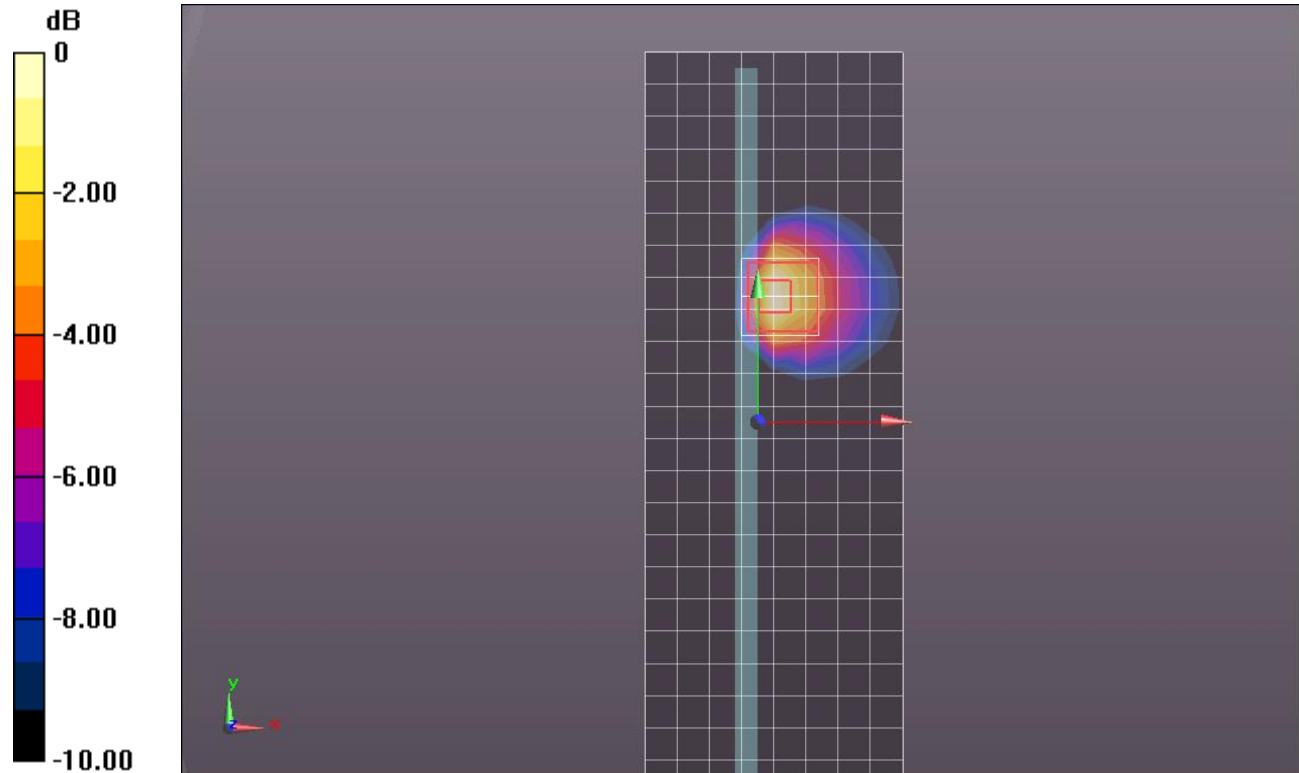
**Edge 3/802.11n\_Ch 46/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 19.591 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.70 W/kg

**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.414 W/kg**

Maximum value of SAR (measured) = 2.30 W/kg



0 dB = 2.30 W/kg = 3.62 dBW/kg

## Wi-Fi 5 GHz\_Ant B

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5610 \text{ MHz}$ ;  $\sigma = 5.938 \text{ S/m}$ ;  $\epsilon_r = 48.081$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 3/12/2015
- Probe: EX3DV4 - SN3991; ConvF(4.12, 4.12, 4.12); Calibrated: 5/19/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

**Edge 3/802.11ac\_Ch 122/Area Scan (9x24x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.72 W/kg

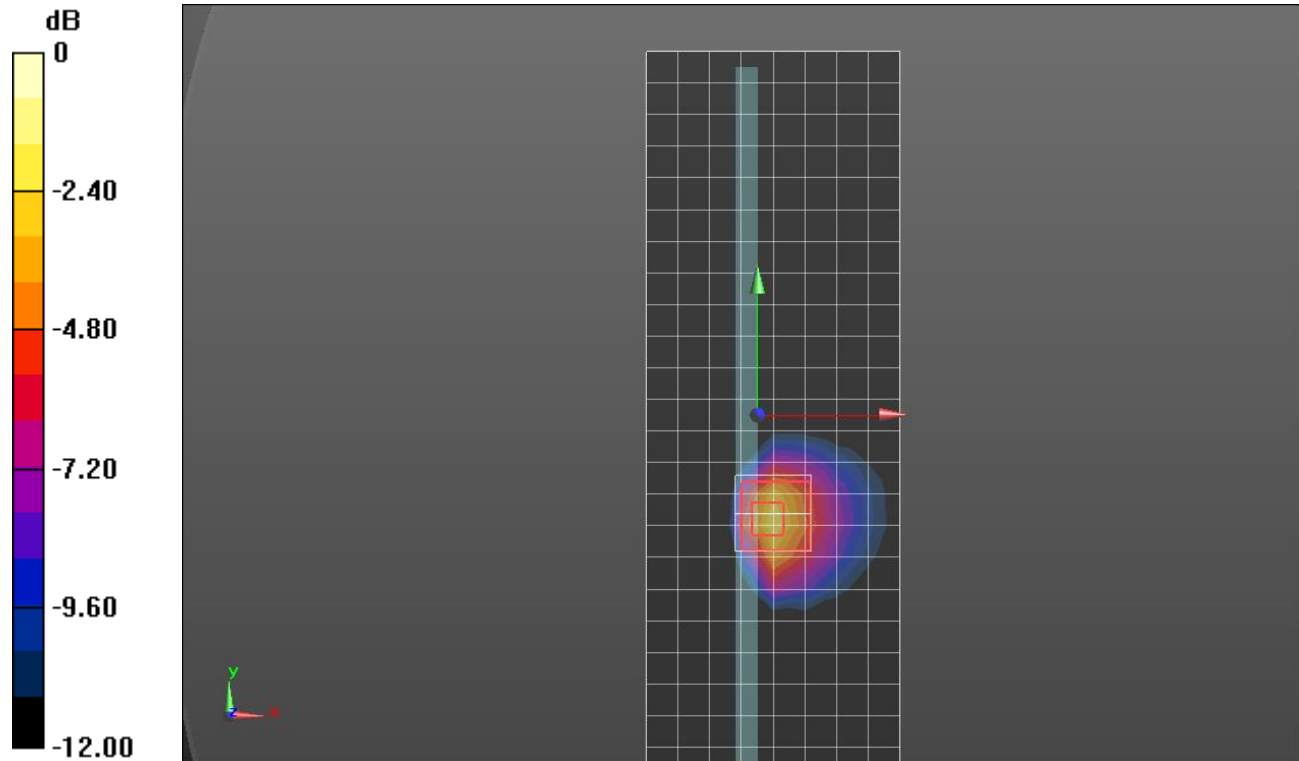
**Edge 3/802.11ac\_Ch 122/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 18.522 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 5.10 W/kg

**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.390 W/kg**

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



0 dB = 2.39 W/kg = 3.78 dBW/kg

## Wi-Fi 5 GHz\_MIMO

Frequency: 5765 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5765$  MHz;  $\sigma = 6.086$  S/m;  $\epsilon_r = 47.582$ ;  $\rho = 1000$  kg/m<sup>3</sup>

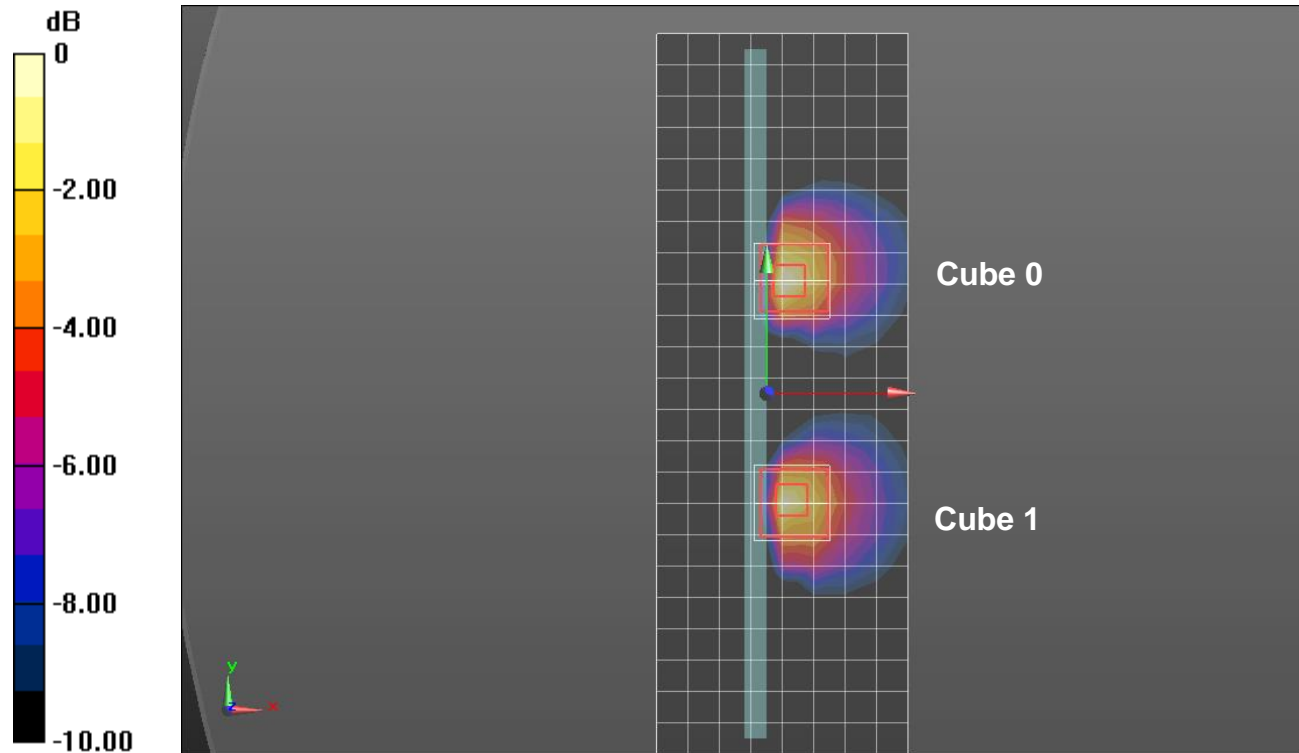
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/5/2015
- Probe: EX3DV4 - SN7335; ConvF(4.07, 4.07, 4.07); Calibrated: 3/13/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

**Edge 3/802.11a CDD\_ch 153/Area Scan (9x24x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 2.40 W/kg

**Edge 3/802.11a CDD\_ch 153/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 19.748 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 5.29 W/kg  
**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.368 W/kg**  
 Maximum value of SAR (measured) = 2.32 W/kg

**Edge 3/802.11a CDD\_ch 153/Zoom Scan (7x7x12)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 19.748 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 4.76 W/kg  
**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.345 W/kg**  
 Maximum value of SAR (measured) = 2.14 W/kg



0 dB = 2.14 W/kg = 3.30 dBW/kg

## Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.909$  S/m;  $\epsilon_r = 54.238$ ;  $\rho = 1000$  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 Sn1257; Calibrated: 9/29/2014
- Probe: EX3DV4 - SN3772; ConvF(6.58, 6.58, 6.58); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: QDOVA002AA; Serial: 1258

**Edge 3/GMFK\_ch. 39/Area Scan (7x20x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.339 W/kg

**Edge 3/GMFK\_ch. 39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

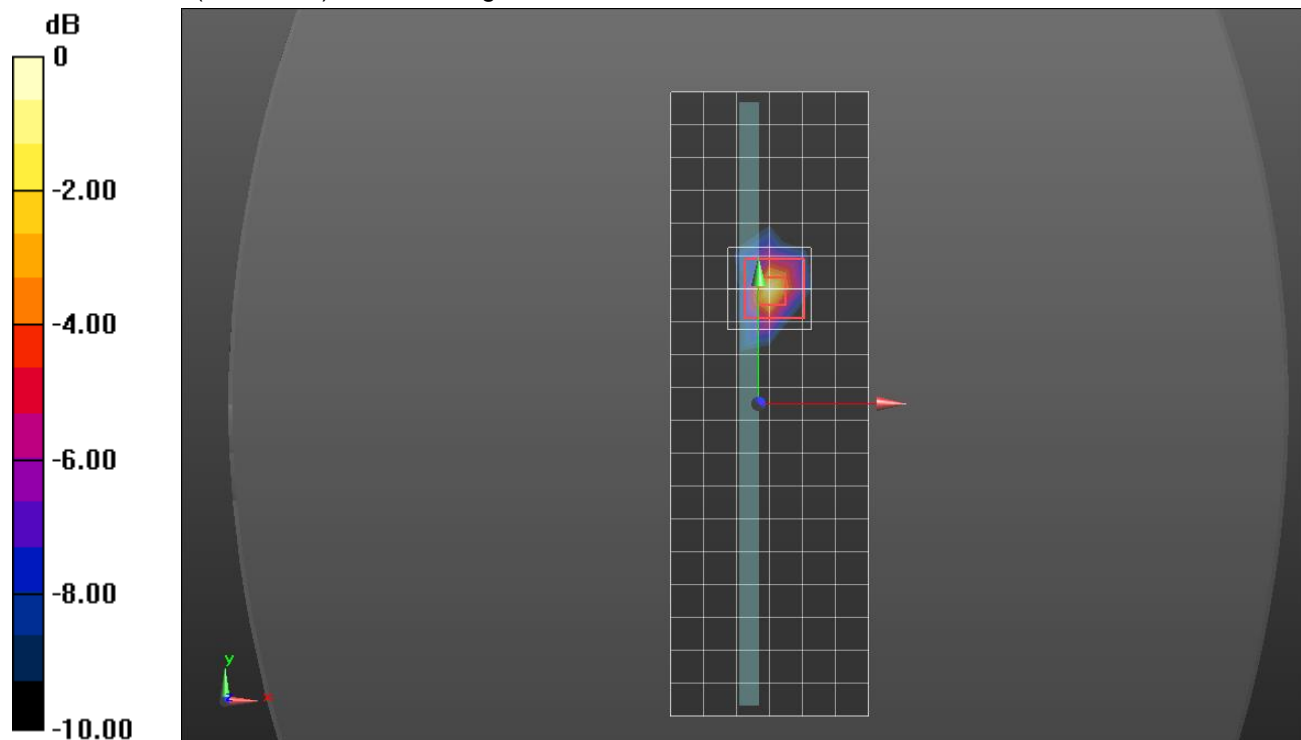
Reference Value = 13.566 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.645 W/kg

**SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.073 W/kg**

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

Maximum value of SAR (measured) = 0.355 W/kg



0 dB = 0.355 W/kg = -4.50 dBW/kg