

## WiFi 2.4GHz

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.991$  S/m;  $\epsilon_r = 50.944$ ;  $\rho = 1000$  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(7.54, 7.54, 7.54); Calibrated: 3/13/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0 (Wi-Fi 5 GHz); Type: QD000P40CD; Serial: TP:xxxx

**Edge 4/Touch\_802.11b\_ch 1/Area Scan (9x24x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 5.55 W/kg

**Edge 4/Touch\_802.11b\_ch 1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

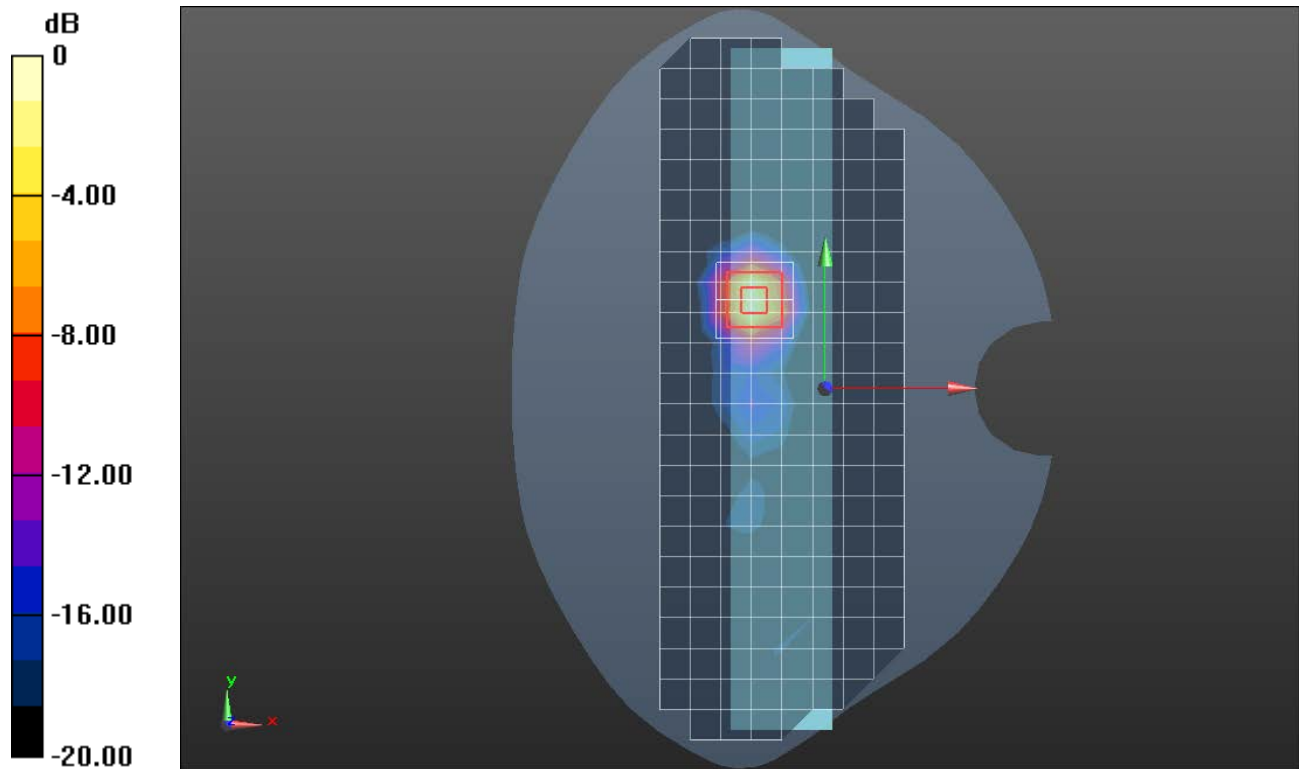
Reference Value = 53.222 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 10.1 W/kg

**SAR(1 g) = 4.27 W/kg; SAR(10 g) = 1.56 W/kg**

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

Maximum value of SAR (measured) = 6.58 W/kg



0 dB = 6.58 W/kg = 8.18 dBW/kg

## WiFi 5.3GHz

Frequency: 5280 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5280$  MHz;  $\sigma = 5.4$  S/m;  $\epsilon_r = 48.627$ ;  $\rho = 1000$  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 Sn1259; Calibrated: 1/21/2016
- Probe: EX3DV4 - SN3686; ConvF(4.36, 4.36, 4.36); Calibrated: 8/28/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v5.0; Type: QD000P40CD; Serial: 1629

**Edge 4/802.11a\_Ch 56/Area Scan (10x28x1):** Measurement grid: dx=10mm, dy=10mm

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

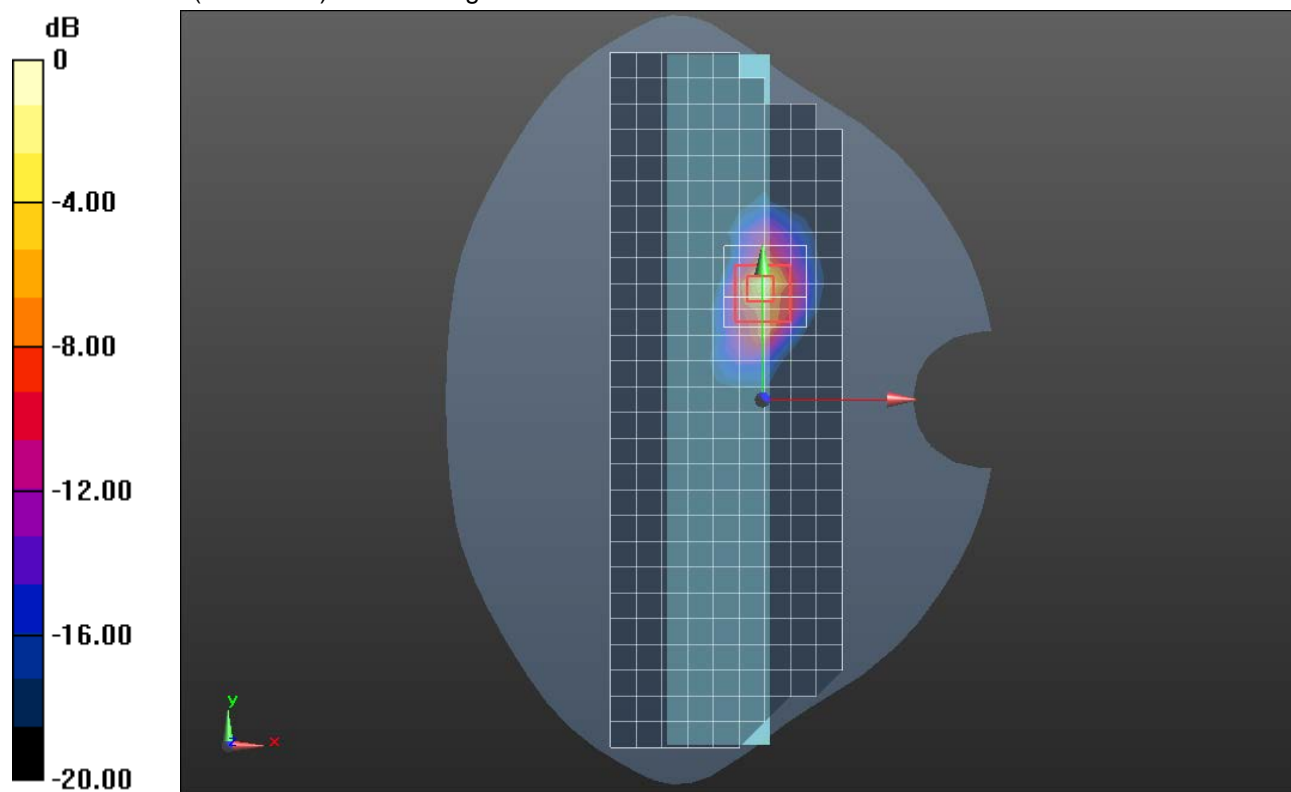
**Edge 4/802.11a\_Ch 56/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 25.513 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 12.3 W/kg

**SAR(1 g) = 2.05 W/kg; SAR(10 g) = 0.488 W/kg**

Maximum value of SAR (measured) = 4.49 W/kg



0 dB = 4.49 W/kg = 6.52 dBW/kg

## WiFi 5.5GHz

Frequency: 5510 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5510$  MHz;  $\sigma = 5.75$  S/m;  $\epsilon_r = 48.345$ ;  $\rho = 1000$  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 Sn1259; Calibrated: 1/21/2016
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 8/28/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v5.0; Type: QD000P40CD; Serial: 1629

**Edge 4/802.11n HT40\_Ch 102/Area Scan (10x28x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 10.0 W/kg

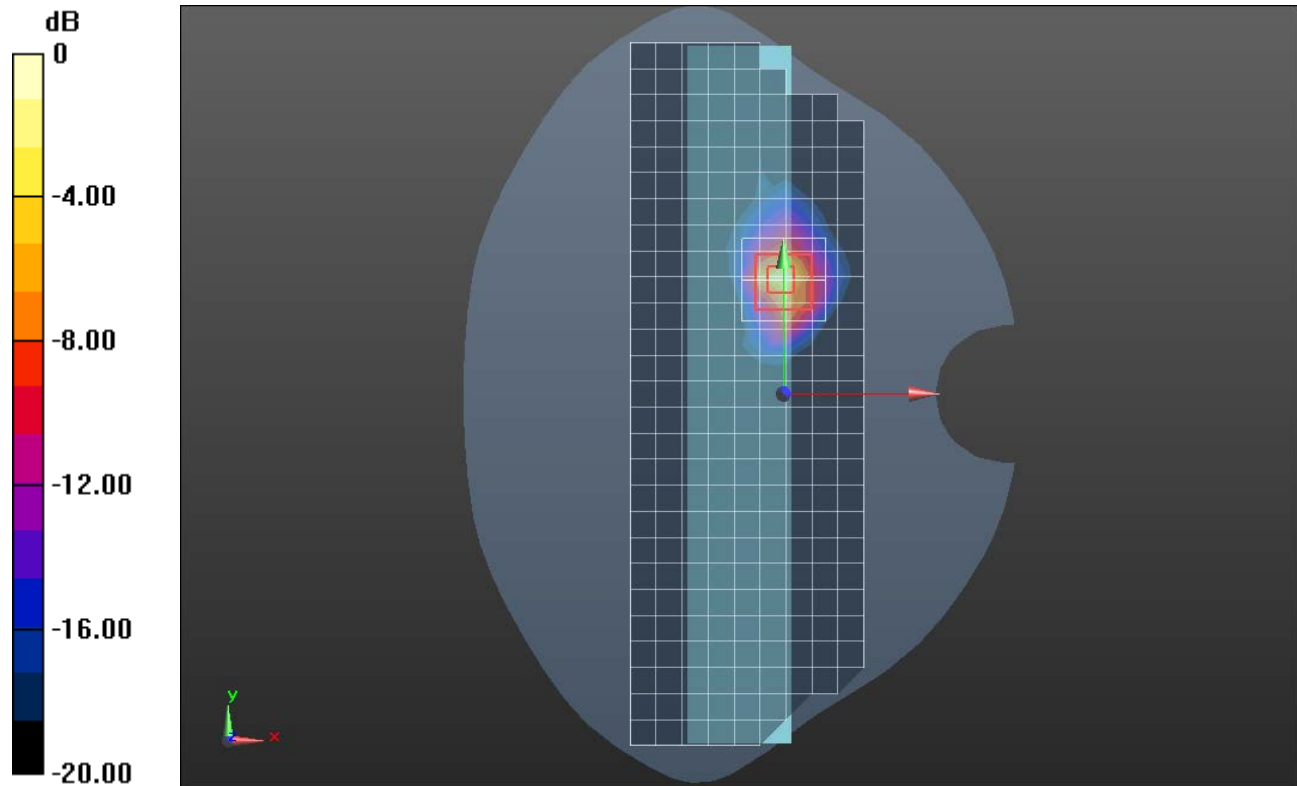
**Edge 4/802.11n HT40\_Ch 102/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 45.153 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 27.6 W/kg

**SAR(1 g) = 6.03 W/kg; SAR(10 g) = 1.5 W/kg**

Maximum value of SAR (measured) = 13.0 W/kg



0 dB = 13.0 W/kg = 11.14 dBW/kg

## WiFi 5.8GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.192$  S/m;  $\epsilon_r = 48.052$ ;  $\rho = 1000$  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 Sn1259; Calibrated: 1/21/2016
- Probe: EX3DV4 - SN3686; ConvF(3.92, 3.92, 3.92); Calibrated: 8/28/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v5.0; Type: QD000P40CD; Serial: 1629

**Edge 4/802.11a\_Ch 157/Area Scan (10x28x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 17.0 W/kg

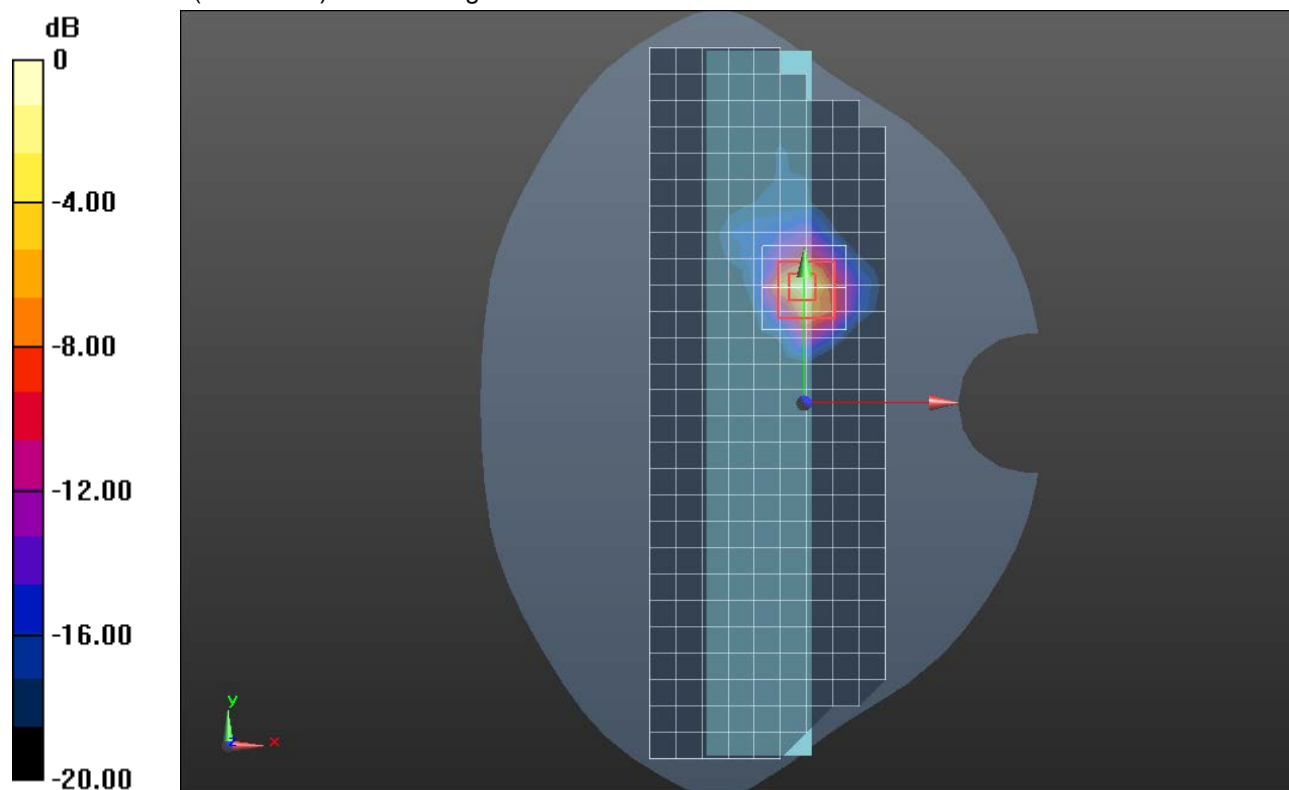
**Edge 4/802.11a\_Ch 157/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 56.300 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 45.9 W/kg

**SAR(1 g) = 9.63 W/kg; SAR(10 g) = 2.42 W/kg**

Maximum value of SAR (measured) = 21.4 W/kg



0 dB = 21.4 W/kg = 13.30 dBW/kg