

## WiFi 2.4GHz

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;  $\sigma = 2.039$  S/m;  $\epsilon_r = 51.329$ ;  $\rho = 1000$  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: 11/7/2014
- Probe: EX3DV4 - SN7356; ConvF(7.54, 7.54, 7.54); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

**Edge 1 Tilt/802.11g\_ch 10 MIMO/Reduced Power/Area Scan (9x30x1):** Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 1.22 W/kg

**Edge 1 Tilt/802.11g\_ch 10 MIMO/Reduced Power/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.339 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.12 W/kg

**SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.258 W/kg**

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

Maximum value of SAR (measured) = 1.17 W/kg

**Edge 1 Tilt/802.11g\_ch 10 MIMO/Reduced Power/Zoom Scan 2 (7x7x7)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=5mm

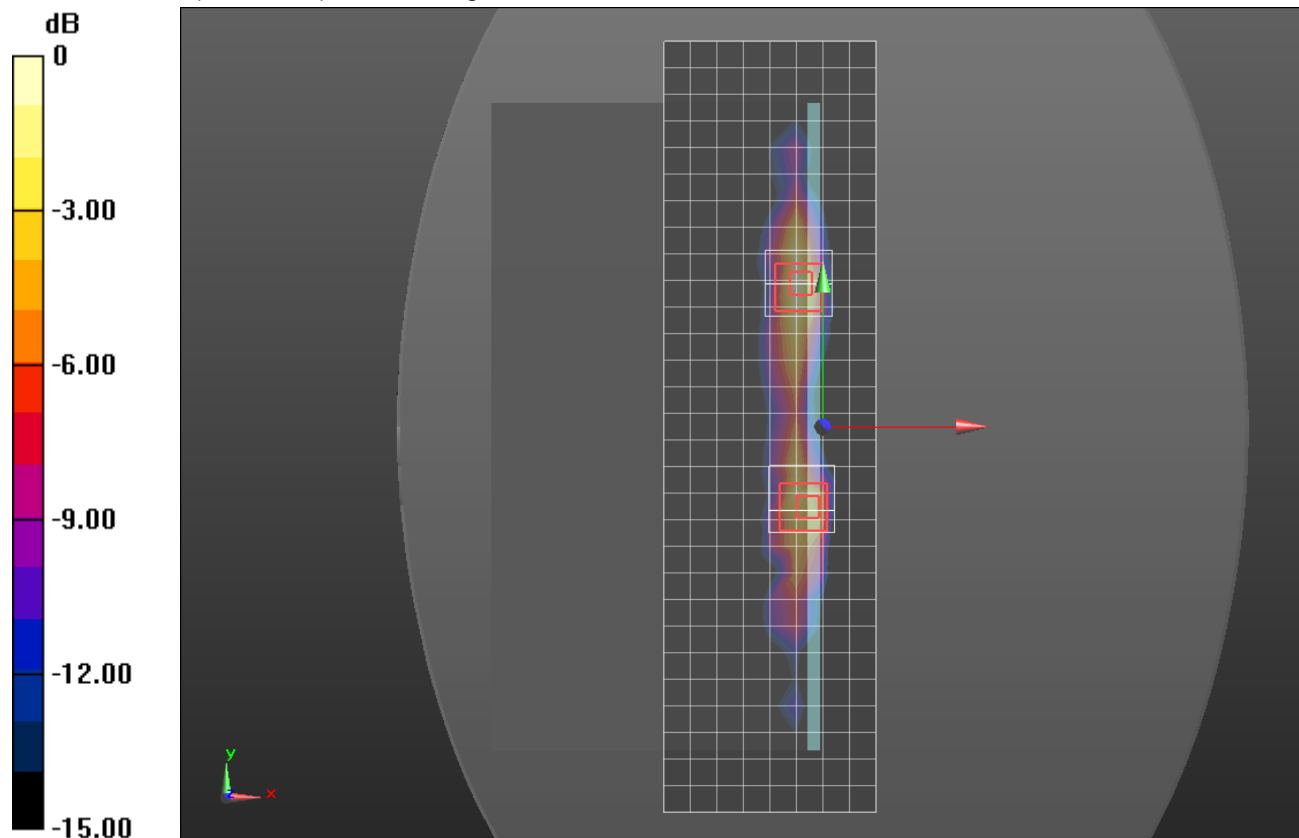
Reference Value = 23.339 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.253 W/kg**

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

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

## Wi-Fi 5.3GHz

Frequency: 5310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5310 \text{ MHz}$ ;  $\sigma = 5.57 \text{ S/m}$ ;  $\epsilon_r = 47.382$ ;  $\rho = 1000 \text{ kg/m}^3$

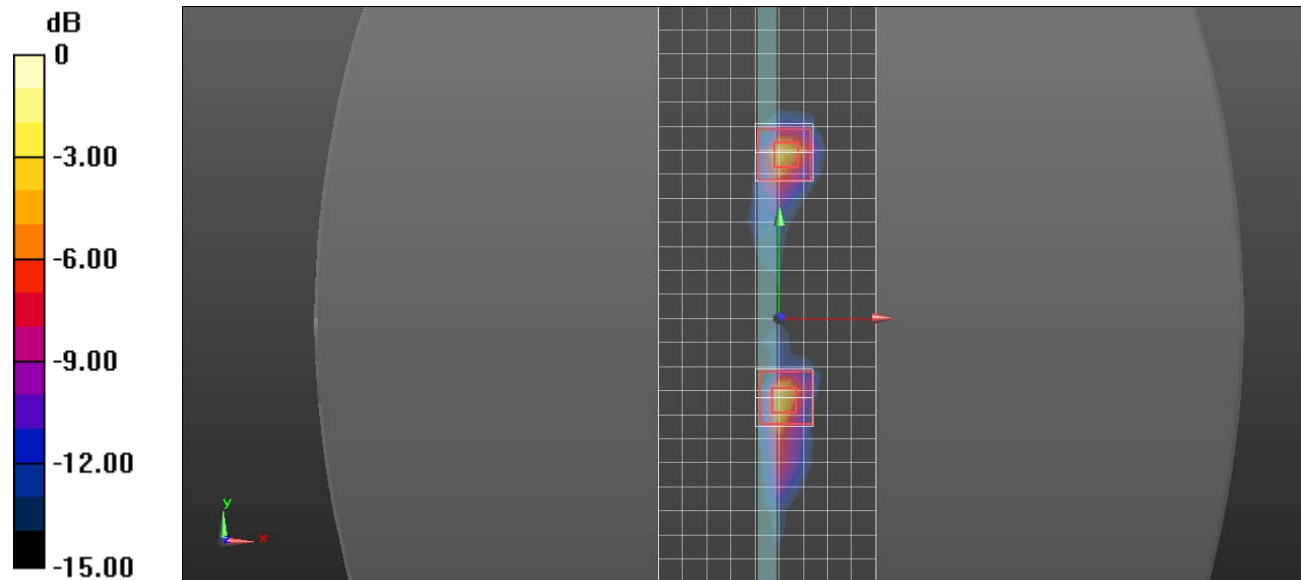
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 8/27/2014
- Probe: EX3DV4 - SN3989; ConvF(4.77, 4.77, 4.77); Calibrated: 3/17/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Edge 1/802.11n HT40\_Ch 62/Area Scan (10x33x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 1.25 W/kg

**Edge 1/802.11n HT40\_Ch 62/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 14.36 V/m; Power Drift = -0.15 dB  
 Peak SAR (extrapolated) = 5.87 W/kg  
**SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.189 W/kg**  
 Maximum value of SAR (measured) = 2.36 W/kg

**Edge 1/802.11n HT40\_Ch 62/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 14.36 V/m; Power Drift = -0.15 dB  
 Peak SAR (extrapolated) = 3.97 W/kg  
**SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.176 W/kg**  
 Maximum value of SAR (measured) = 1.72 W/kg



0 dB = 1.72 W/kg = 2.36 dBW/kg

## Wi-Fi 5.6GHz

Frequency: 5510 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5510 \text{ MHz}$ ;  $\sigma = 5.798 \text{ S/m}$ ;  $\epsilon_r = 47.155$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1377; Calibrated: 8/27/2014
- Probe: EX3DV4 - SN3989; ConvF(4, 4, 4); Calibrated: 3/17/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Edge 1/802.11a\_Ch 102/Area Scan (10x33x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.75 W/kg

**Edge 1/802.11a\_Ch 102/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.33 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 7.07 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.229 W/kg**

Maximum value of SAR (measured) = 2.92 W/kg

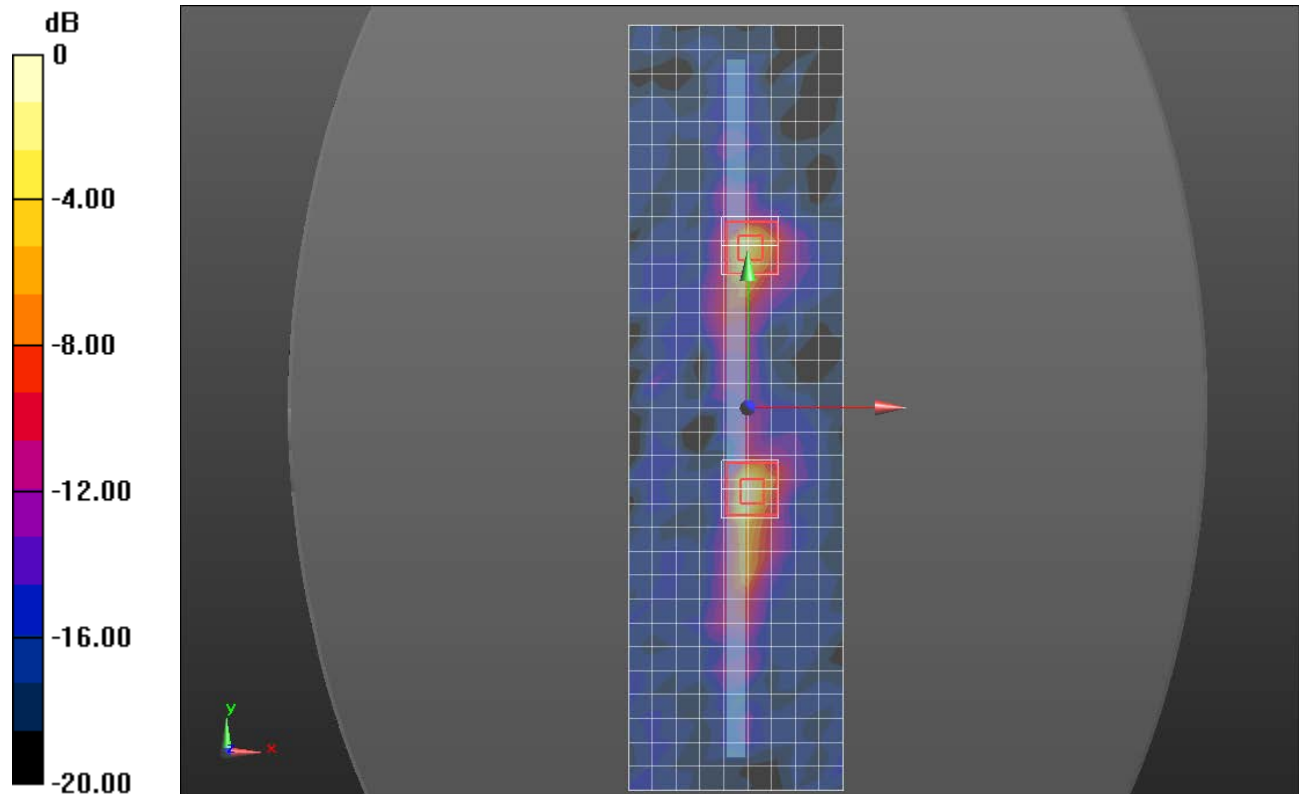
**Edge 1/802.11a\_Ch 102/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.33 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.85 W/kg

**SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.184 W/kg**

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

## Wi-Fi 5.8GHz

Frequency: 5755 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5755 \text{ MHz}$ ;  $\sigma = 6.092 \text{ S/m}$ ;  $\epsilon_r = 47.213$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1377; Calibrated: 8/27/2014
- Probe: EX3DV4 - SN3989; ConvF(4.36, 4.36, 4.36); Calibrated: 3/17/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

**Edge 1/802.11n HT40\_Ch 151/Area Scan (10x33x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 0.967 W/kg

**Edge 1/802.11n HT40\_Ch 151/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.77 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 3.66 W/kg

**SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.186 W/kg**

Maximum value of SAR (measured) = 1.51 W/kg

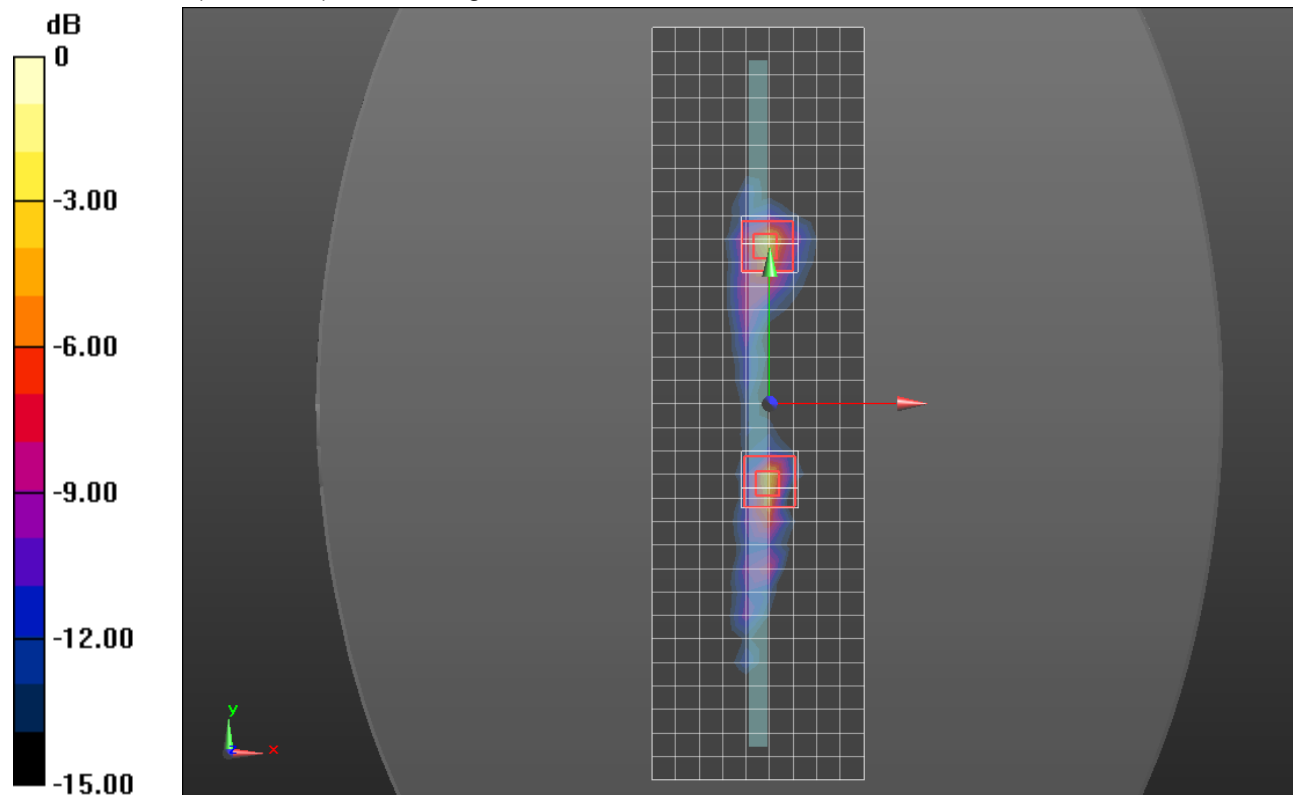
**Edge 1/802.11n HT40\_Ch 151/Zoom Scan 2 (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.77 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 4.49 W/kg

**SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.149 W/kg**

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg