

## Wi-Fi 2.4 GHz

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.84$  S/m;  $\epsilon_r = 38.42$ ;  $\rho = 1000$  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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(7.17, 7.17, 7.17) @ 2412 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

**Edge 2/802.11b\_ch 1/Area Scan (6x24x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.932 W/kg

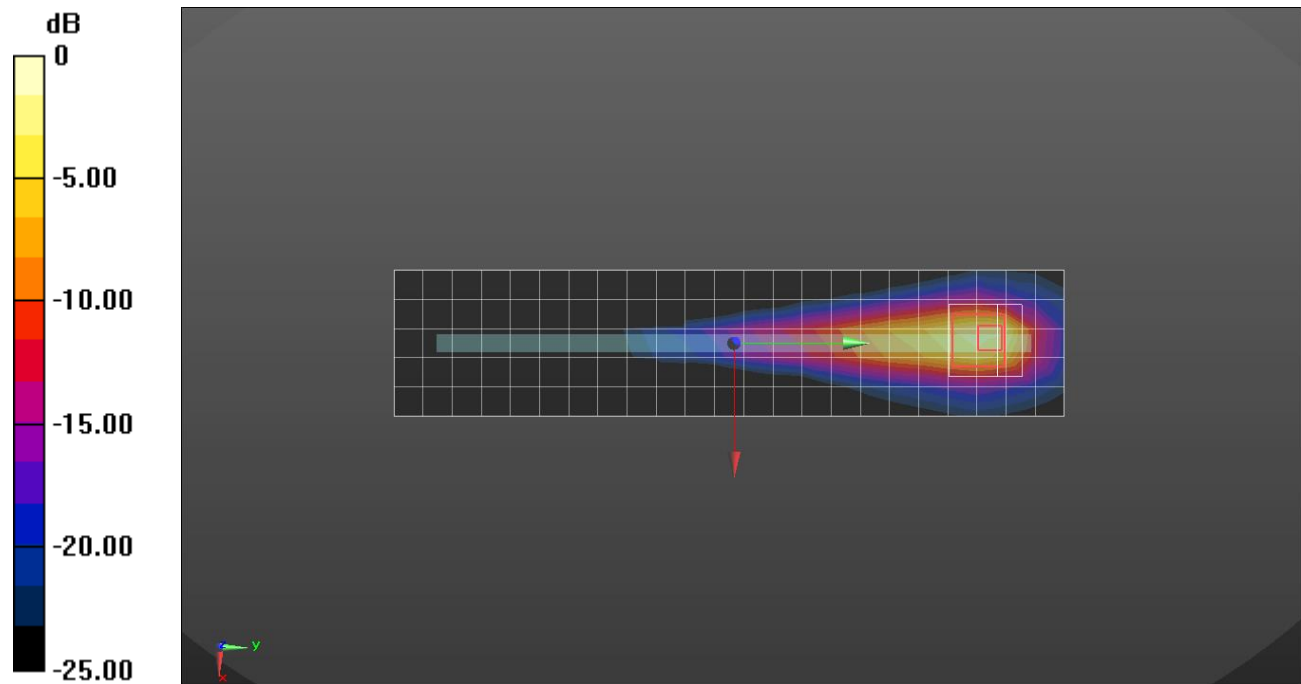
**Edge 2/802.11b\_ch 1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.96 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.63 W/kg

**SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.334 W/kg**

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

## Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.761$  S/m;  $\epsilon_r = 39.857$ ;  $\rho = 1000$  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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(7.17, 7.17, 7.17) @ 2441 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

**Edge 2/Bluetooth GFSK\_ch39/Area Scan (12x6x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.216 W/kg

**Edge 2/Bluetooth GFSK\_ch39/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.71 V/m; Power Drift = 0.04 dB

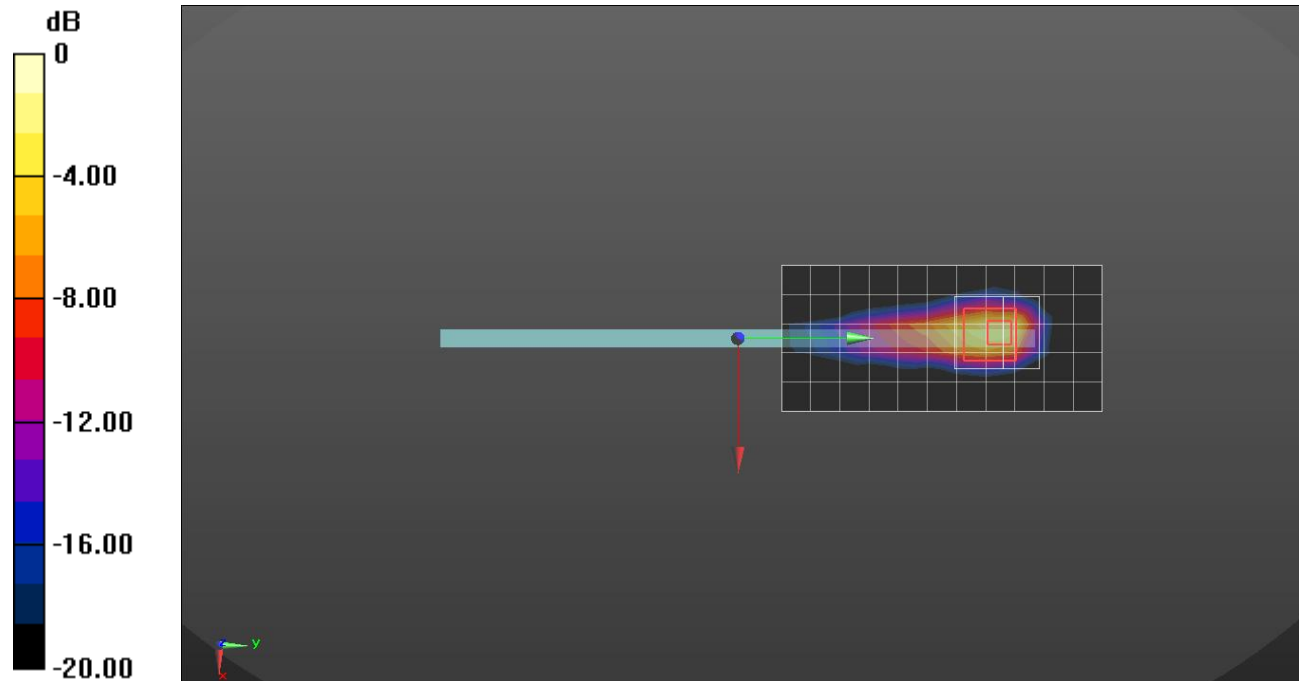
Peak SAR (extrapolated) = 0.629 W/kg

**SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.067 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 33.1%

Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.324 W/kg = -4.89 dBW/kg

## Wi-Fi 5.3 GHz

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 5290$  MHz;  $\sigma = 4.729$  S/m;  $\epsilon_r = 36.859$ ;  $\rho = 1000$  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 Sn1468; Calibrated: 2019-09-20
- Probe: EX3DV4 - SN7314; ConvF(5.33, 5.33, 5.33) @ 5290 MHz; Calibrated: 2019-08-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

**Edge 2/802.11ac VHT 80 ch 58 Ant 1/Area Scan (7x14x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 1.22 W/kg

**Edge 2/802.11ac VHT 80 ch 58 Ant 1/Zoom Scan (11x11x7)/Cube 0:** Measurement grid: dx=2.9mm, dy=2.9mm, dz=1.4mm

Reference Value = 13.80 V/m; Power Drift = 0.12 dB

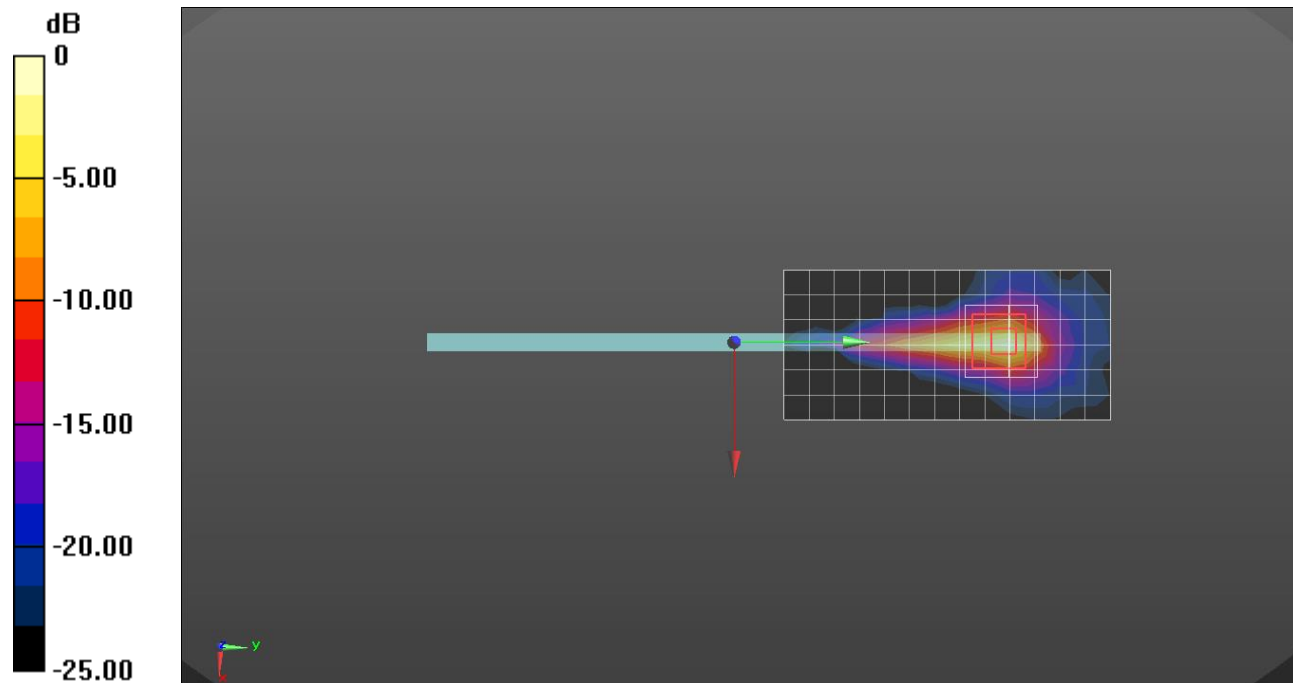
Peak SAR (extrapolated) = 2.65 W/kg

**SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.118 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 58.3%

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

## Wi-Fi 5.6 GHz

Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 5690$  MHz;  $\sigma = 5.196$  S/m;  $\epsilon_r = 36.174$ ;  $\rho = 1000$  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 Sn1468; Calibrated: 2019-09-20
- Probe: EX3DV4 - SN7314; ConvF(4.84, 4.84, 4.84) @ 5690 MHz; Calibrated: 2019-08-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

**Edge 2/802.11ac mode ch 138 Ant 1/Area Scan (7x14x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.25 W/kg

**Edge 2/802.11ac mode ch 138 Ant 1/Zoom Scan (11x11x7)/Cube 0:** Measurement grid: dx=2.9mm, dy=2.9mm, dz=1.4mm

Reference Value = 17.17 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.04 W/kg

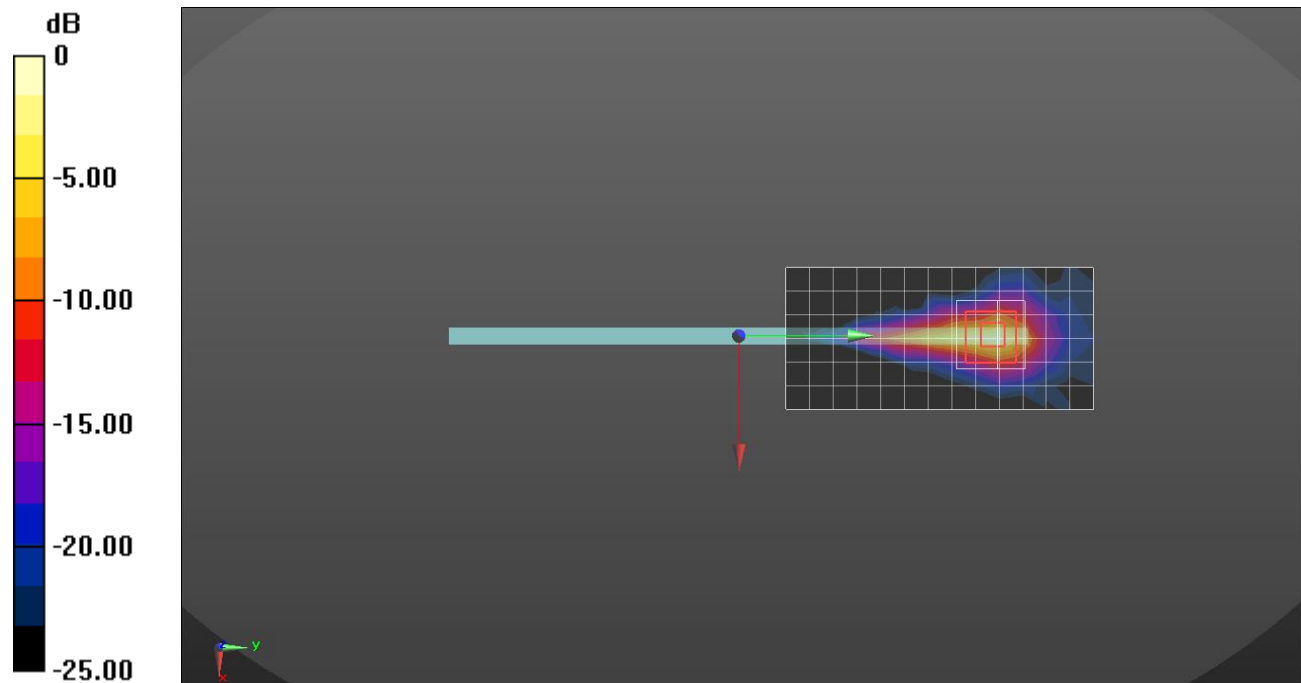
Peak SAR (extrapolated) = 3.04 W/kg

**SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.117 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 54.4%

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

## Wi-Fi 5.8 GHz

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5775 \text{ MHz}$ ;  $\sigma = 5.255 \text{ S/m}$ ;  $\epsilon_r = 35.691$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1343; Calibrated: 2019-08-27
- Probe: EX3DV4 - SN3871; ConvF(4.95, 4.95, 4.95) @ 5775 MHz; Calibrated: 2019-08-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

**Edge 2/802.11ac VHT80 mode ch 155 Ant 1/Area Scan (7x16x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.958 W/kg

**Edge 2/802.11ac VHT80 mode ch 155 Ant 1/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:

dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.93 V/m; Power Drift = 0.13 dB

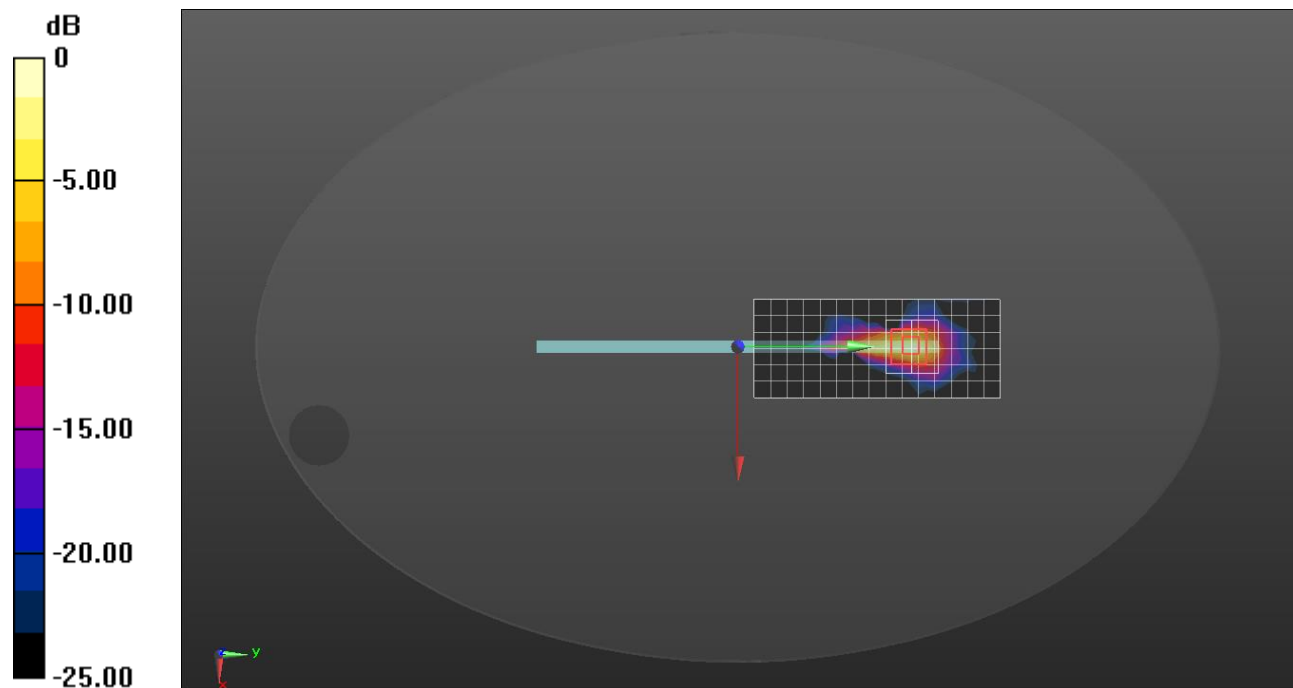
Peak SAR (extrapolated) = 2.52 W/kg

**SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.109 W/kg**

Smallest distance from peaks to all points 3 dB below = 4 mm

Ratio of SAR at M2 to SAR at M1 = 58.2%

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



0 dB = 1.22 W/kg = 0.86 dBW/kg