

## Wi-Fi 5.8 GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.16 \text{ S/m}$ ;  $\epsilon_r = 35.288$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0\_Front; Type: QD000P40CD; Serial: TP:1877

**Volume scan/802.11 a mode ch 149 SISO 10mm/Volume Scan (18x19x7):** Measurement grid:

$dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

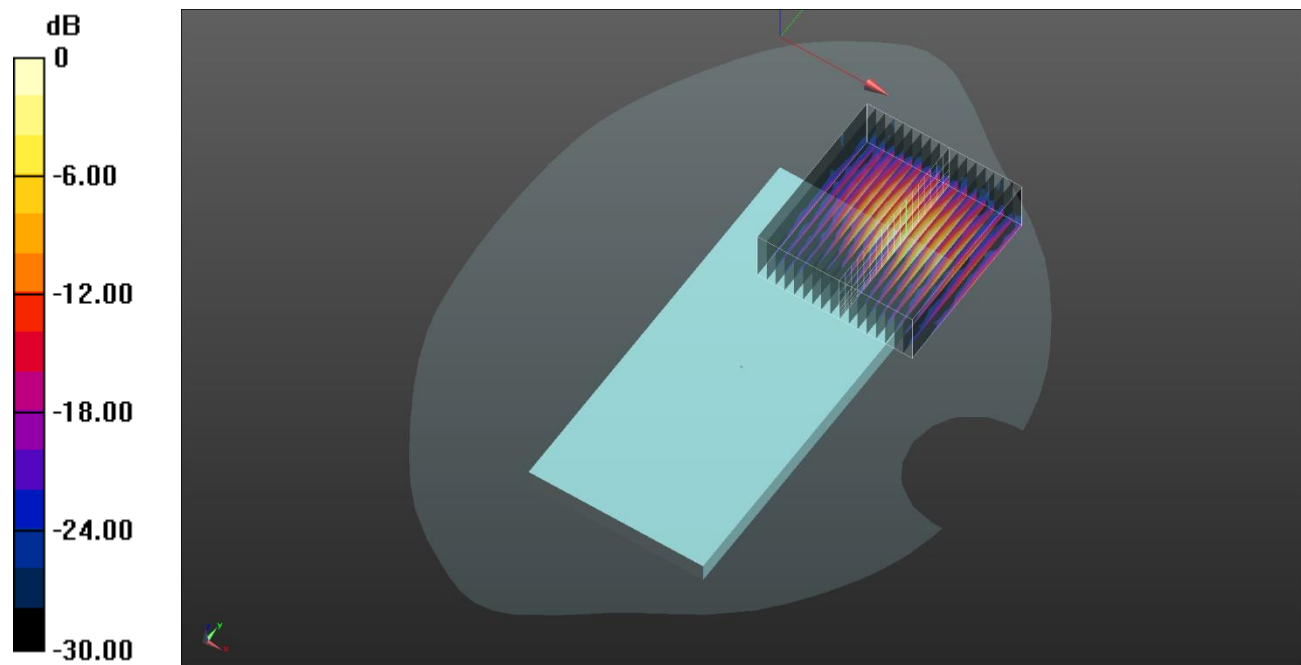
Reference Value = 11.93 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.44 W/kg

**SAR(1 g) = 0.647 W/kg; SAR(10 g) = 0.226 W/kg**

Total Absorbed Power = 0.00509 W

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 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;  $\sigma = 1.839$  S/m;  $\epsilon_r = 38.106$ ;  $\rho = 1000$  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 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0\_Front; Type: QD000P40CD; Serial: TP:1877

**Volume scan/Bluetooth GFSK\_Ch39 10mm/Volume Scan (18x19x7):** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

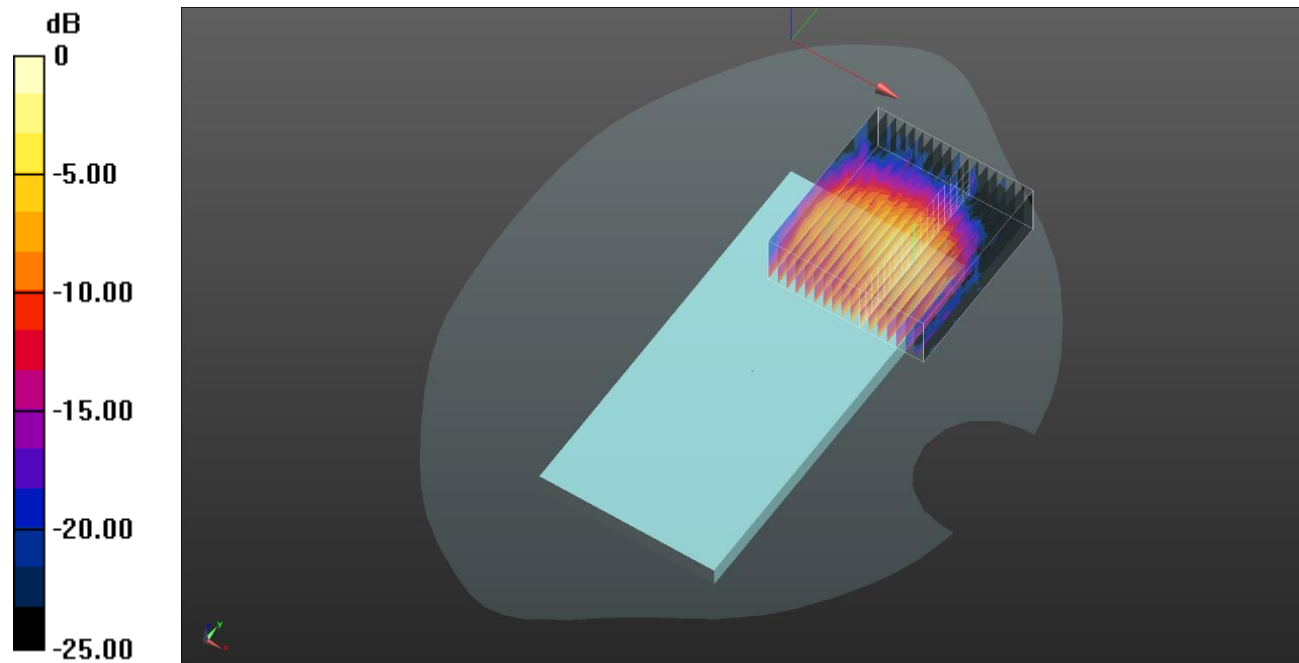
Reference Value = 5.289 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.150 W/kg

**SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.024 W/kg**

Total Absorbed Power = 0.000830 W

Maximum value of SAR (measured) = 0.0996 W/kg



0 dB = 0.0996 W/kg = -10.02 dBW/kg

## Multi-Band Average SAR

### Multi-Band Configurations:

#### DASY Configuration for Volume scan/802.11 a mode ch 149 SISO 10mm/Volume Scan:

Date/Time: 2022-01-25

Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL 3-6 GHz Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 5.16$  S/m;  $\epsilon_r = 35.288$ ;  $\rho = 1000$  kg/m<sup>3</sup> Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Measurement SW: DASY52, Version 52.10 (3)

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#### DASY Configuration for Volume scan/Bluetooth GFSK\_Ch39 10mm/Volume Scan:

Date/Time: 2022-01-25

Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1

Medium: HSL 2450 Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.839$  S/m;  $\epsilon_r = 38.106$ ;  $\rho = 1000$  kg/m<sup>3</sup> Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Measurement SW: DASY52, Version 52.10 (3)

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### Multi Band Result:

**SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.276 W/kg**

Maximum value of SAR (interpolated) = 2.67 W/kg

