

### #01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0mm\_Ch6;Ant 2

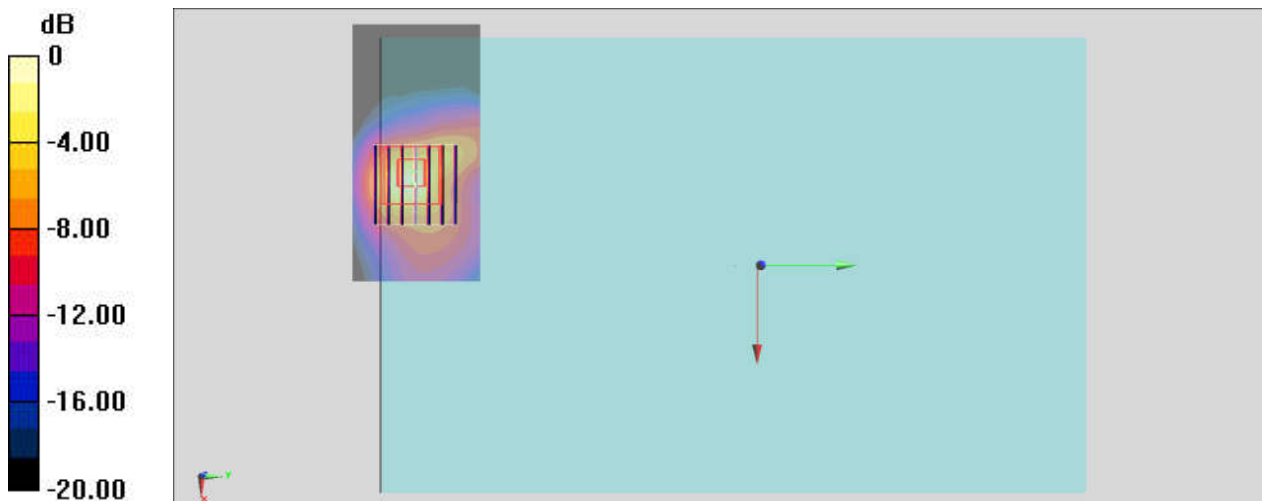
Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.008  
Medium: MSL\_2450\_190129 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.982$  S/m;  $\epsilon_r = 53.156$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1041
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (81x41x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.02 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 22.33 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 1.58 W/kg  
**SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.244 W/kg**  
Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

**#02\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 2\_0mm\_Ch42;Ant 1**

Communication System: 802.11ac ; Frequency: 5210 MHz;Duty Cycle: 1:1.071

Medium: MSL\_5G\_190131 Medium parameters used :  $f = 5210$  MHz;  $\sigma = 5.382$  S/m;  $\epsilon_r = 49.103$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(4.8, 4.8, 4.8) ;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**Area Scan (51x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.13 W/kg

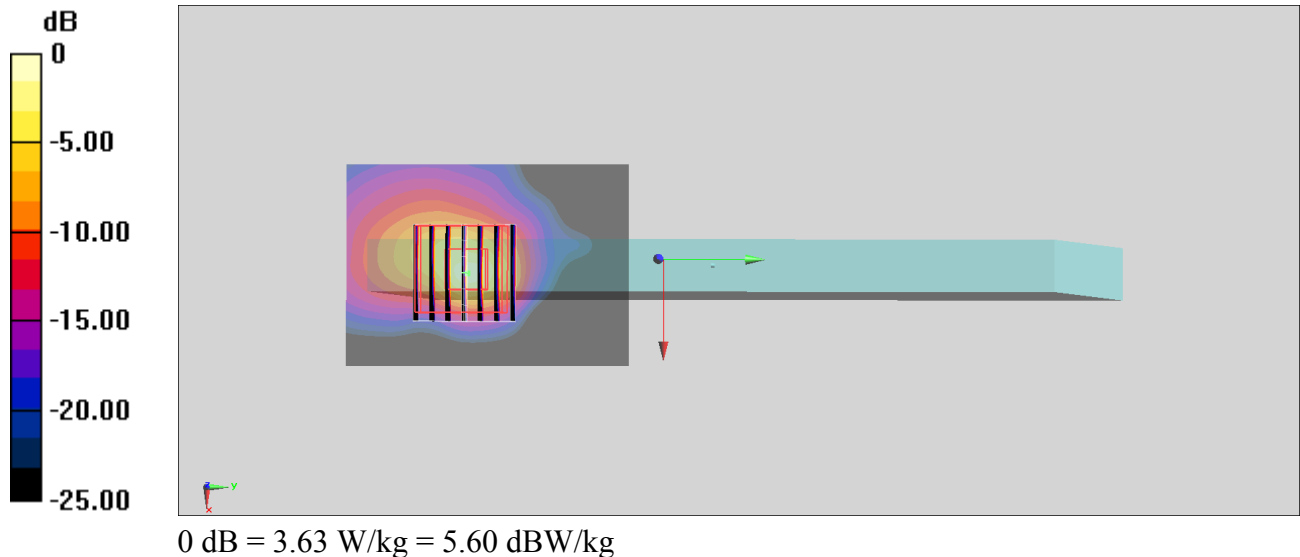
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.63 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 5.81 W/kg

**SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.306 W/kg**

Maximum value of SAR (measured) = 3.63 W/kg



**#03\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0mm\_Ch60;Ant 2**

Communication System: 802.11a ; Frequency: 5300 MHz;Duty Cycle: 1:1.027

Medium: MSL\_5G\_190131 Medium parameters used :  $f = 5300$  MHz;  $\sigma = 5.483$  S/m;  $\epsilon_r = 48.993$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(4.8, 4.8, 4.8) ;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**Area Scan (41x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.54 W/kg

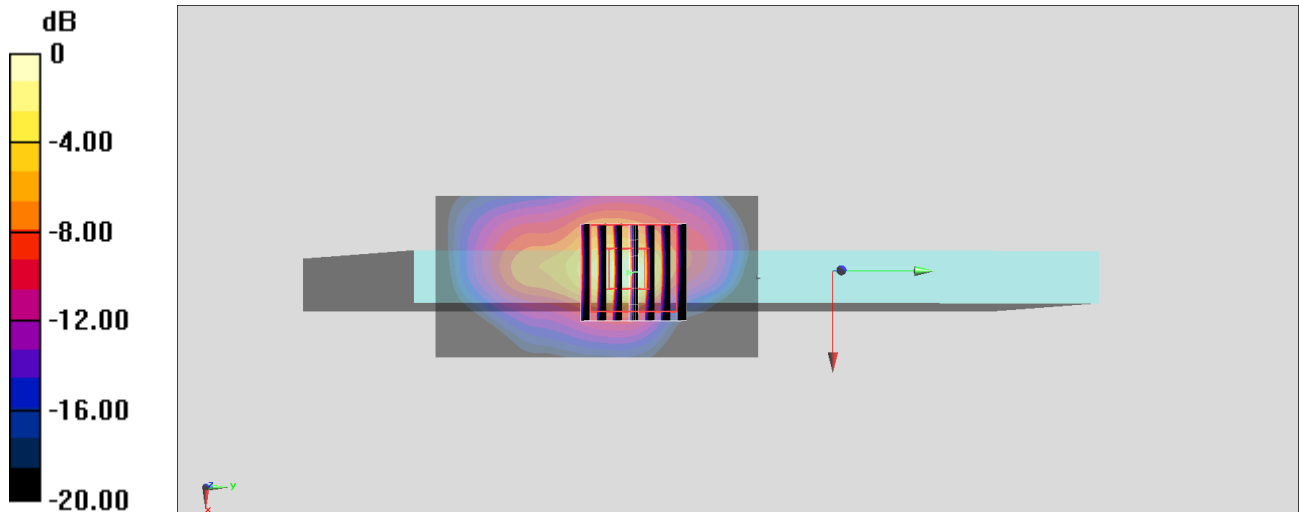
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.85 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.43 W/kg

**SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.348 W/kg**

Maximum value of SAR (measured) = 3.41 W/kg



**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 4\_0mm\_Ch106;Ant 2**

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.079

Medium: MSL\_5G\_190131 Medium parameters used :  $f = 5530$  MHz;  $\sigma = 5.736$  S/m;  $\epsilon_r = 48.677$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.03, 4.03, 4.03) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (51x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.31 W/kg

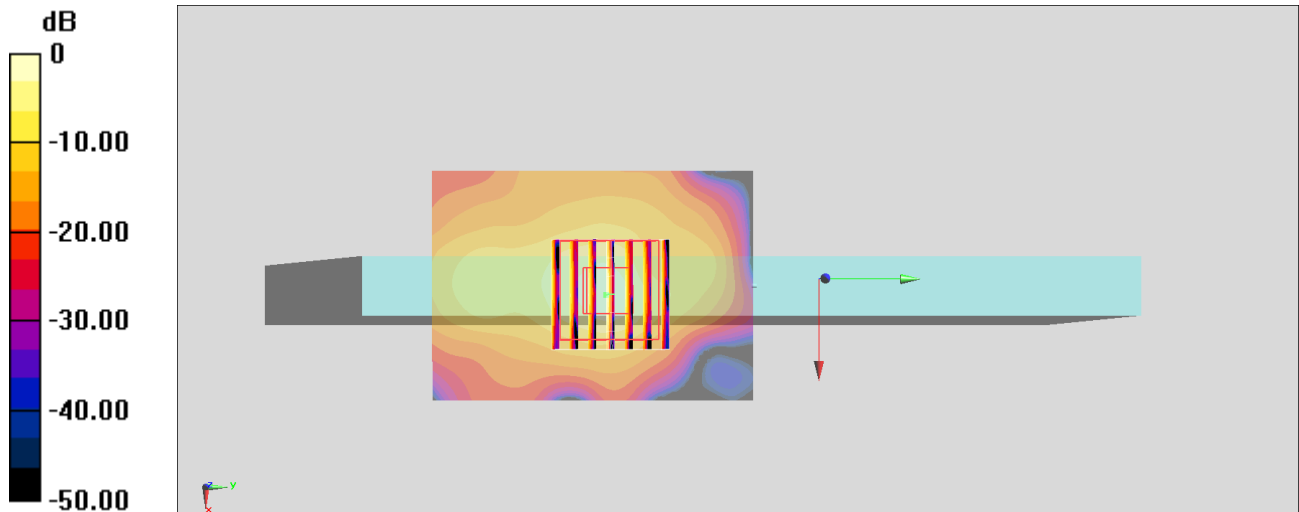
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.65 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 11.4 W/kg

**SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.330 W/kg**

Maximum value of SAR (measured) = 3.65 W/kg



0 dB = 3.65 W/kg = 5.62 dBW/kg

## #05\_WLAN5GHz\_802.11n-HT40 MCS0\_Edge 4\_0mm\_Ch159;Ant 2

Communication System: 802.11n; Frequency: 5795 MHz; Duty Cycle: 1:1.044

Medium: MSL\_5G\_190131 Medium parameters used:  $f = 5795$  MHz;  $\sigma = 6.021$  S/m;  $\epsilon_r = 48.306$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.37, 4.37, 4.37) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (51x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.64 W/kg

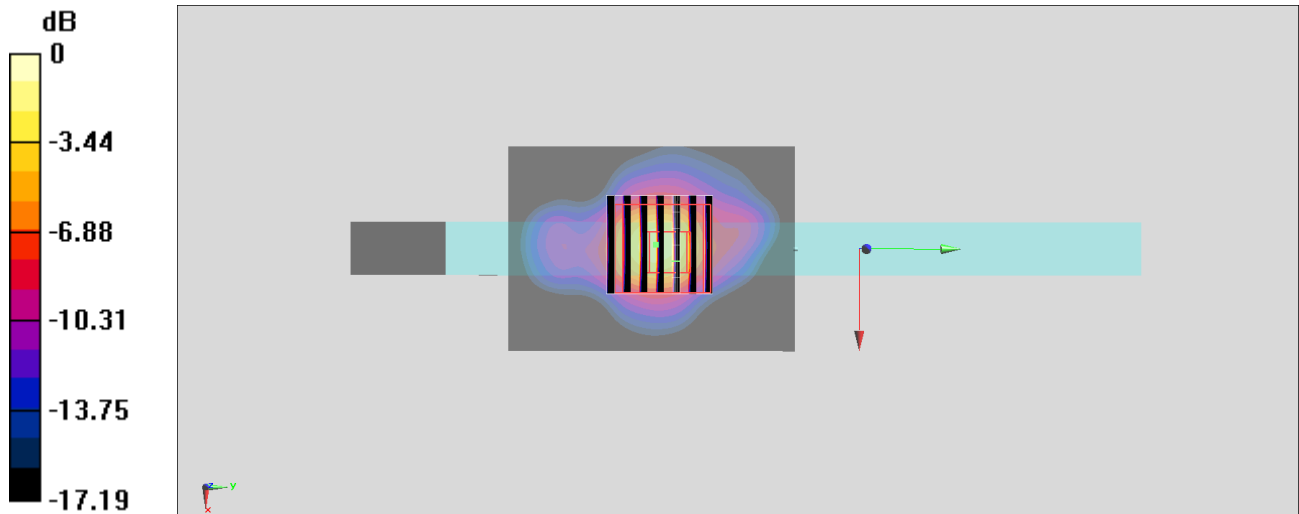
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.23 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.58 W/kg

**SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.335 W/kg**

Maximum value of SAR (measured) = 3.43 W/kg



0 dB = 3.43 W/kg = 5.35 dBW/kg

### #06\_Bluetooth\_1Mbps\_Bottom Face\_0mm\_Ch39;Ant 2

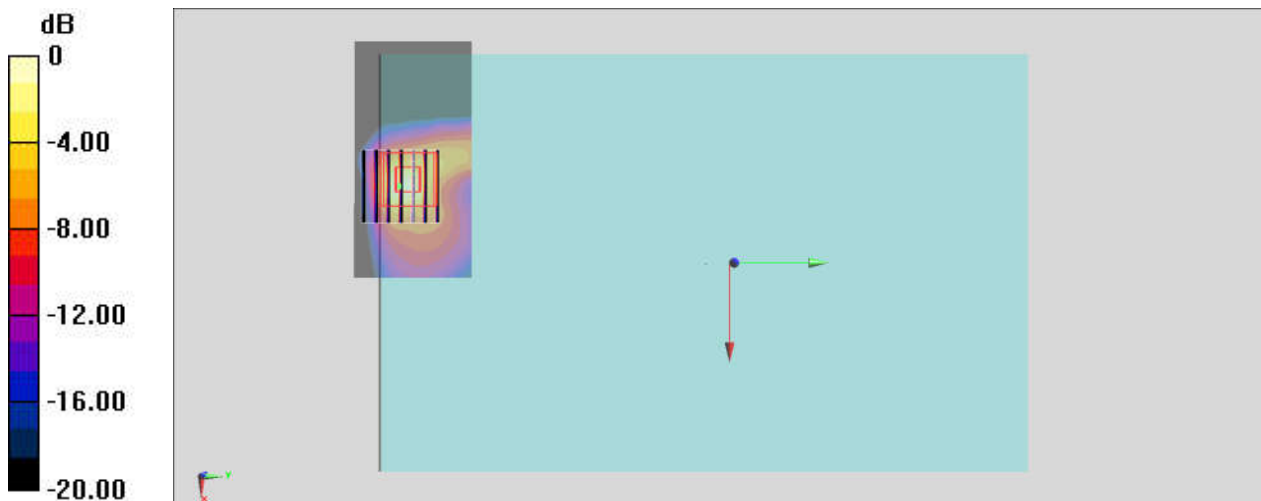
Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302  
Medium: MSL\_2450\_190129 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.987$  S/m;  $\epsilon_r = 53.138$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1041
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (81x41x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.282 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 9.040 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.442 W/kg  
**SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.062 W/kg**  
Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg = -4.75 dBW/kg