

### #01\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 3\_0mm\_Ch6;Ant 1+2

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.003  
Medium: HSL\_2450\_220116 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.803$  S/m;  $\epsilon_r = 40.089$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

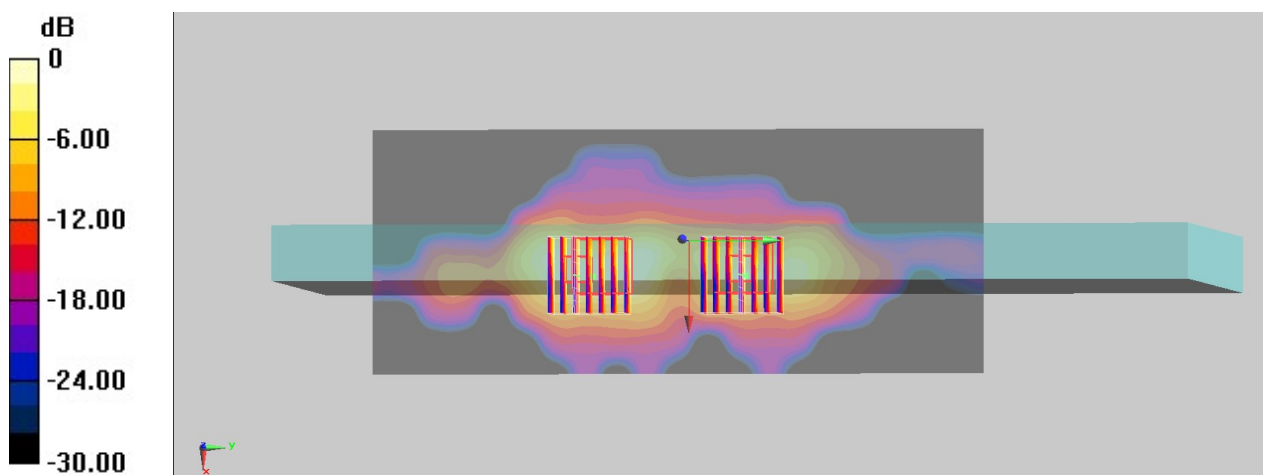
#### DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.34, 7.34, 7.34) @ 2437 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x201x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.661 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 13.34 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 0.788 W/kg  
**SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.124 W/kg**  
Maximum value of SAR (measured) = 0.550 W/kg

**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 13.34 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 0.525 W/kg  
**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.076 W/kg**  
Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.550 W/kg = -2.60 dBW/kg

## #02\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 3\_0mm\_Ch58;Ant 1+2

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.142

Medium: HSL\_5G\_220116 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.594$  S/m;  $\epsilon_r = 36.438$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.33, 5.33, 5.33) @ 5290 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI v4.0\_Left; Type: QDOVA001BB; Serial: TP:1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x241x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.512 W/kg

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

Reference Value = 8.447 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.88 W/kg

**SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.150 W/kg**

Maximum value of SAR (measured) = 1.49 W/kg

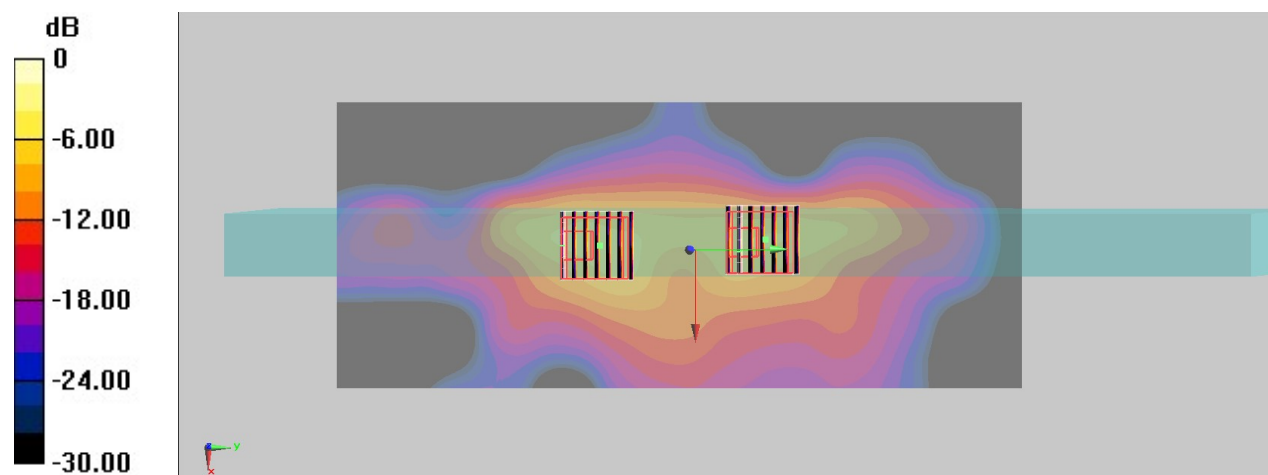
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.447 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.117 W/kg**

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

### #03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 3\_0mm\_Ch106;Ant 1+2

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.142

Medium: HSL\_5G\_220116 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 4.824$  S/m;  $\epsilon_r = 36.116$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.66, 4.66, 4.66) @ 5530 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI v4.0\_Left; Type: QDOVA001BB; Serial: TP:1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x241x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.592 W/kg

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

Reference Value = 9.025 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.09 W/kg

**SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.178 W/kg**

Maximum value of SAR (measured) = 1.79 W/kg

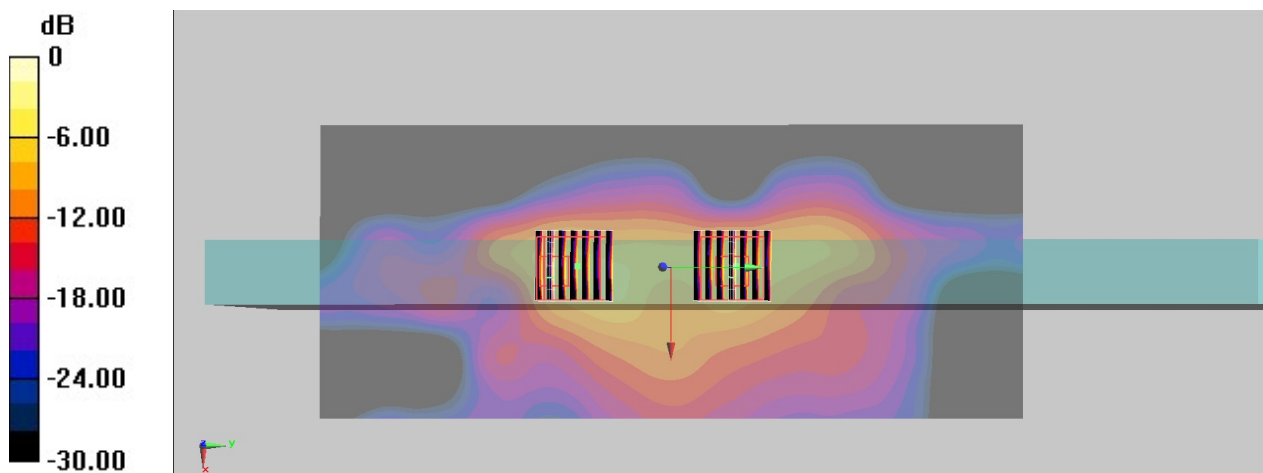
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.025 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.37 W/kg

**SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.140 W/kg**

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.79 W/kg = 2.53 dBW/kg

### #04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 3\_0mm\_Ch155;Ant 1+2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.142

Medium: HSL\_5G\_220116 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.088$  S/m;  $\epsilon_r = 35.807$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.95, 4.95, 4.95) @ 5775 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI v4.0\_Left; Type: QDOVA001BB; Serial: TP:1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x241x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.800 W/kg

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

Reference Value = 7.072 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.94 W/kg

**SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.158 W/kg**

Maximum value of SAR (measured) = 1.64 W/kg

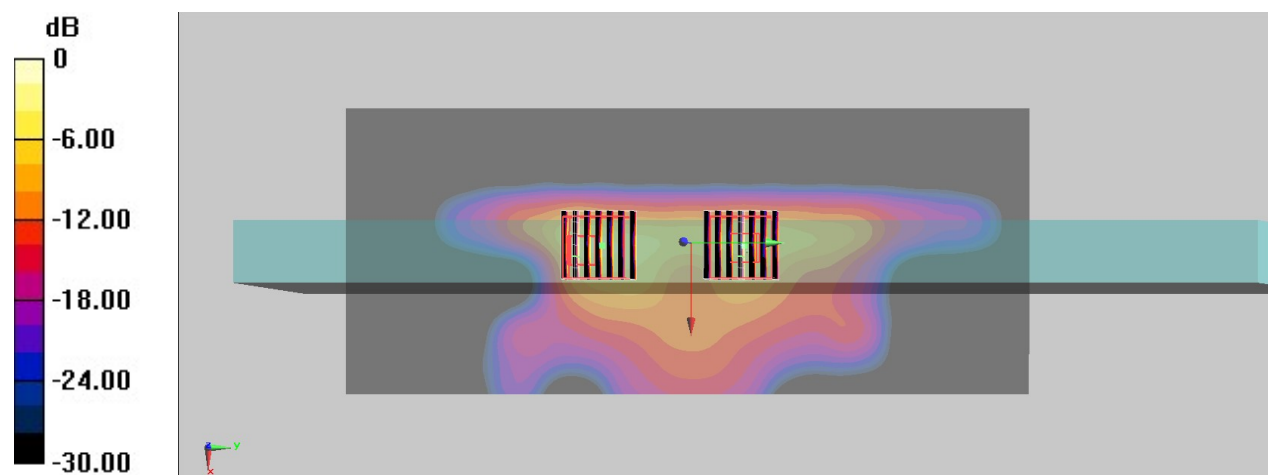
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.072 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.097 W/kg**

Maximum value of SAR (measured) = 0.980 W/kg



0 dB = 1.64 W/kg = 2.15 dBW/kg

### #05\_Bluetooth\_1Mbps\_Edge 3\_0mm\_Ch39;Ant 1

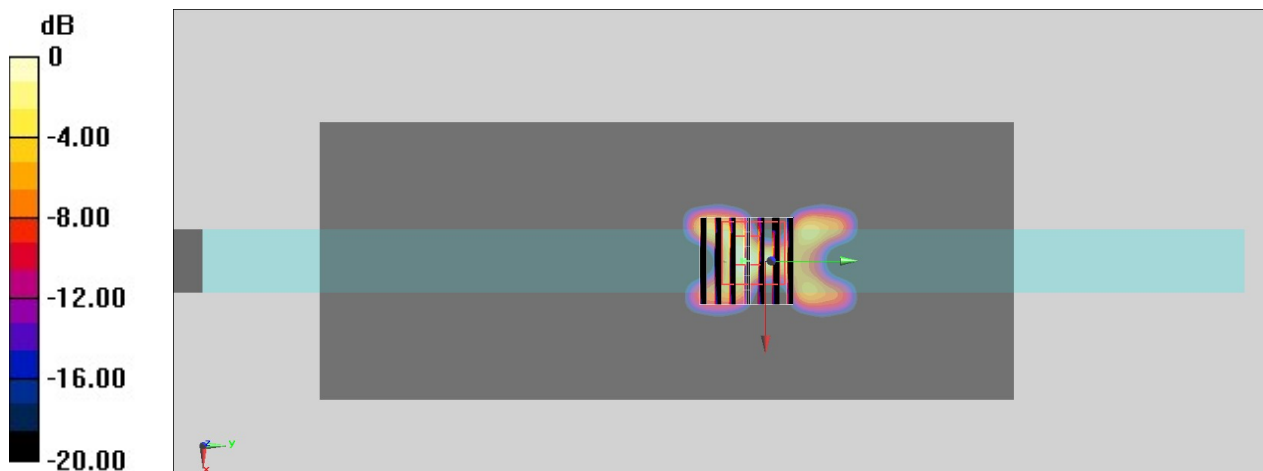
Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302  
Medium: HSL\_2450\_220120 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.804$  S/m;  $\epsilon_r = 39.659$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.52, 7.52, 7.52) @ 2441 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI V1.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1127
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x201x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0805 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.239 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.105 W/kg  
**SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.00995 W/kg**  
Maximum value of SAR (measured) = 0.0751 W/kg



0 dB = 0.0751 W/kg = -11.24 dBW/kg