

### #01\_WLAN5GHz\_802.11ac-VHT40 MCS0\_Top Side\_5mm\_Ch46

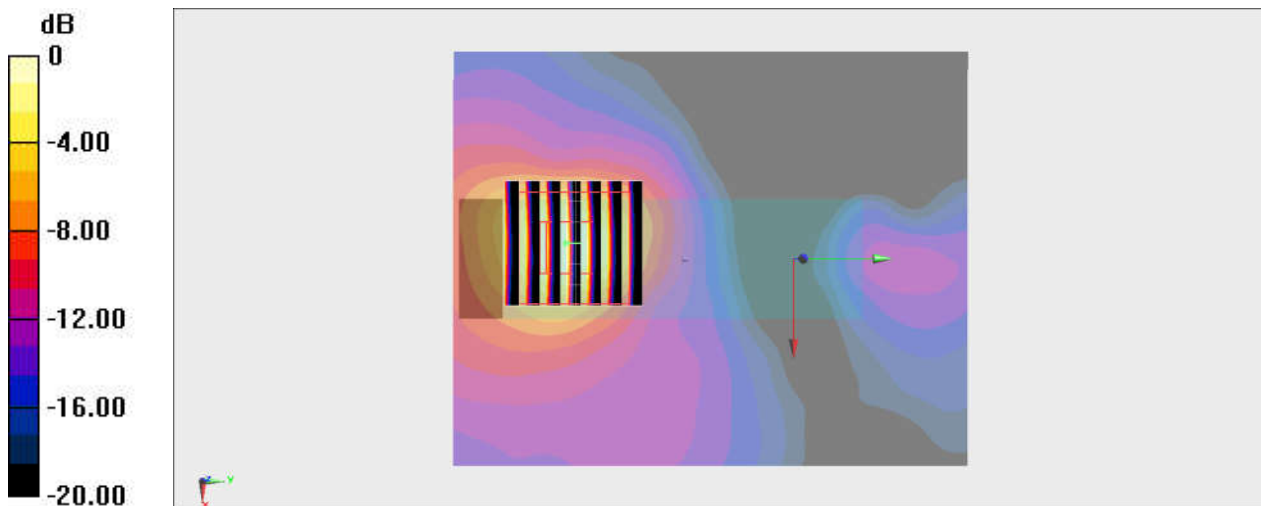
Communication System: 802.11ac ; Frequency: 5230 MHz;Duty Cycle: 1:1.141  
Medium: HSL\_5G\_230208 Medium parameters used:  $f = 5230$  MHz;  $\sigma = 4.836$  S/m;  $\epsilon_r = 37.016$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.23, 5.23, 5.23) @ 5230 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.64 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 5.083 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 2.62 W/kg  
**SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.220 W/kg**  
Maximum value of SAR (measured) = 1.64 W/kg



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

**#02\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Top Side\_5mm\_Ch155**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.148

Medium: HSL\_5G\_230213 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.376$  S/m;  $\epsilon_r = 36.144$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(5.24, 5.24, 5.24) @ 5775 MHz; Calibrated: 2023/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.62 W/kg

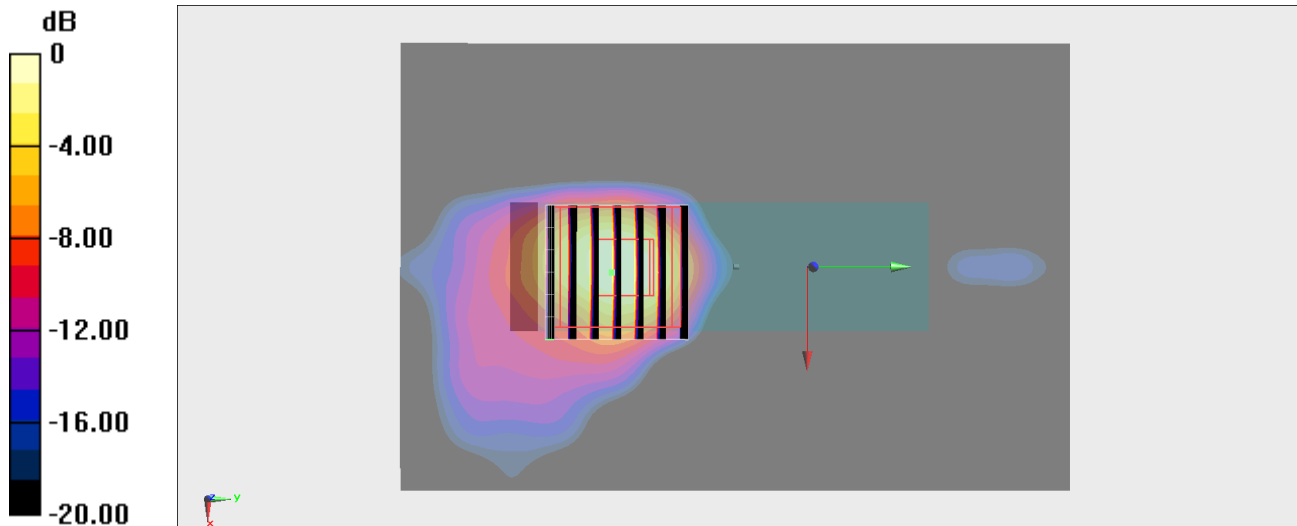
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.690 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.84 W/kg

**SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg