

## #01\_WLAN5GHz\_802.11ac-VHT20 MCS0\_Right Side\_5mm\_Ch40

Communication System: 802.11ac; Frequency: 5200 MHz; Duty Cycle: 1:1.168

Medium: HSL\_5G\_231117 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.61$  S/m;  $\epsilon_r = 36.333$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.72, 5.86, 6.29) @ 5200 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (91x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.40 W/kg

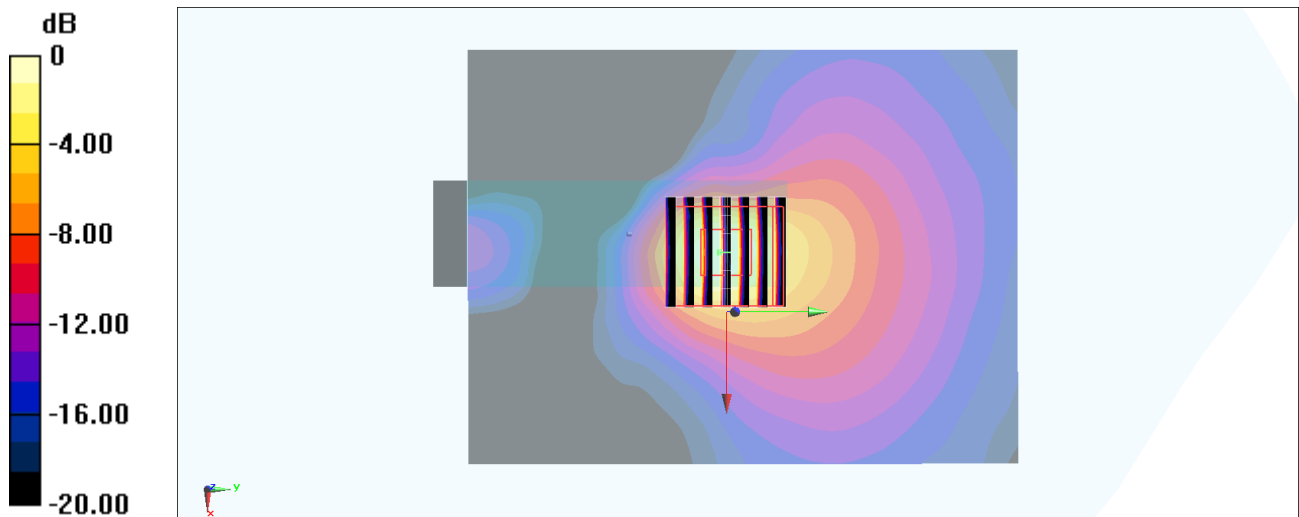
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.388 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.67 W/kg

**SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.296 W/kg**

Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 dBW/kg