

**#01\_WLAN5GHz\_802.11n-HT40 MCS0\_Left Tilted\_Ch167**

Communication System: 802.11n; Frequency: 5835 MHz; Duty Cycle: 1:1.033

Medium: HSL\_5G\_221110 Medium parameters used:  $f = 5835$  MHz;  $\sigma = 5.365$  S/m;  $\epsilon_r = 35.761$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.78, 4.78, 4.78) @ 5835 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.86 W/kg

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

Reference Value = 11.48 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.95 W/kg

**SAR(1 g) = 0.804 W/kg; SAR(10 g) = 0.289 W/kg**

Maximum value of SAR (measured) = 1.90 W/kg

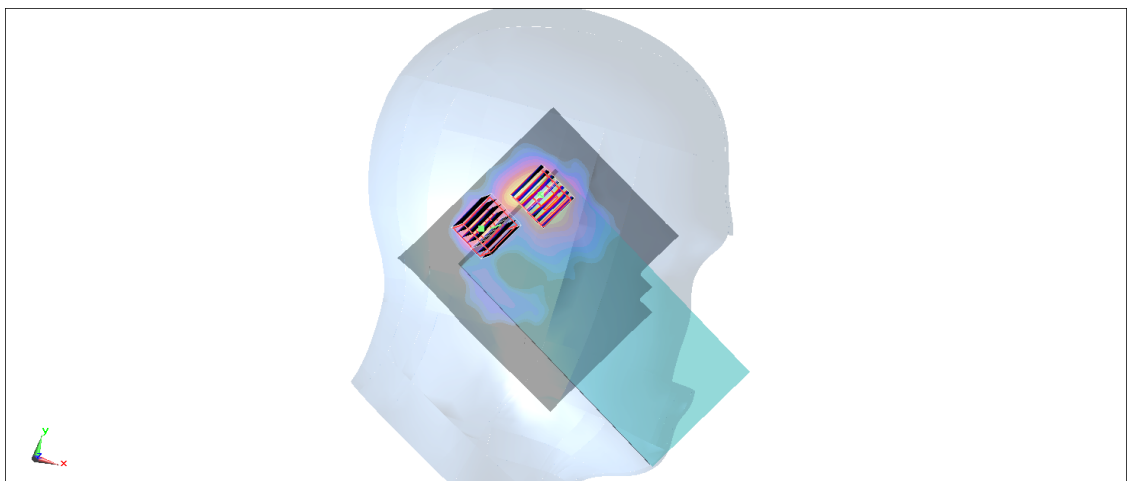
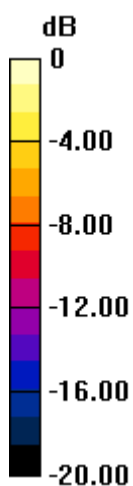
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.48 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.541 W/kg

**SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.059 W/kg.**

Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 1.86 W/kg = 2.69 dBW/kg

**#02\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_10mm\_Ch171**

Communication System: 802.11ac; Frequency: 5855 MHz; Duty Cycle: 1:1.134

Medium: HSL\_5G\_221109 Medium parameters used:  $f = 5855$  MHz;  $\sigma = 5.409$  S/m;  $\epsilon_r = 35.784$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.78, 4.78, 4.78) @ 5855 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (121x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.39 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.188 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.45 W/kg

**SAR(1 g) = 0.637 W/kg; SAR(10 g) = 0.232 W/kg**

Maximum value of SAR (measured) = 1.46 W/kg

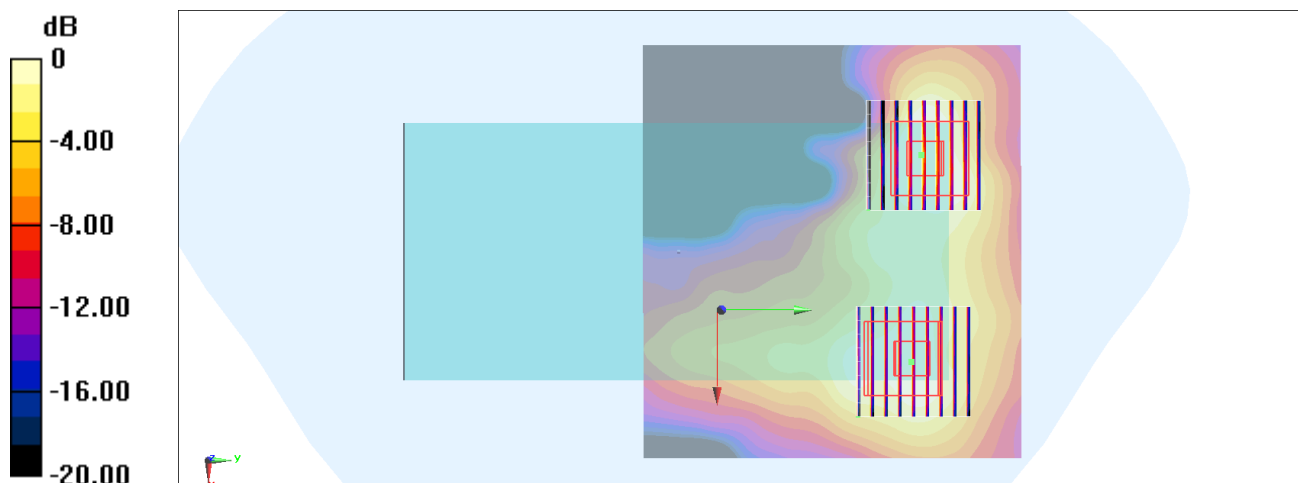
**Zoom Scan (9x9x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.188 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.153 W/kg**

Maximum value of SAR (measured) = 0.666 W/kg



0 dB = 0.666 W/kg = -1.77 dBW/kg

**#03\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Front\_0mm\_Ch171**

Communication System: 802.11ac; Frequency: 5855 MHz; Duty Cycle: 1:1.134

Medium: HSL\_5G\_221109 Medium parameters used:  $f = 5855$  MHz;  $\sigma = 5.409$  S/m;  $\epsilon_r = 35.784$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.78, 4.78, 4.78) @ 5855 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (121x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 13.8 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.51 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 23.8 W/kg

**SAR(1 g) = 5.88 W/kg; SAR(10 g) = 2.08 W/kg**

Maximum value of SAR (measured) = 14.3 W/kg

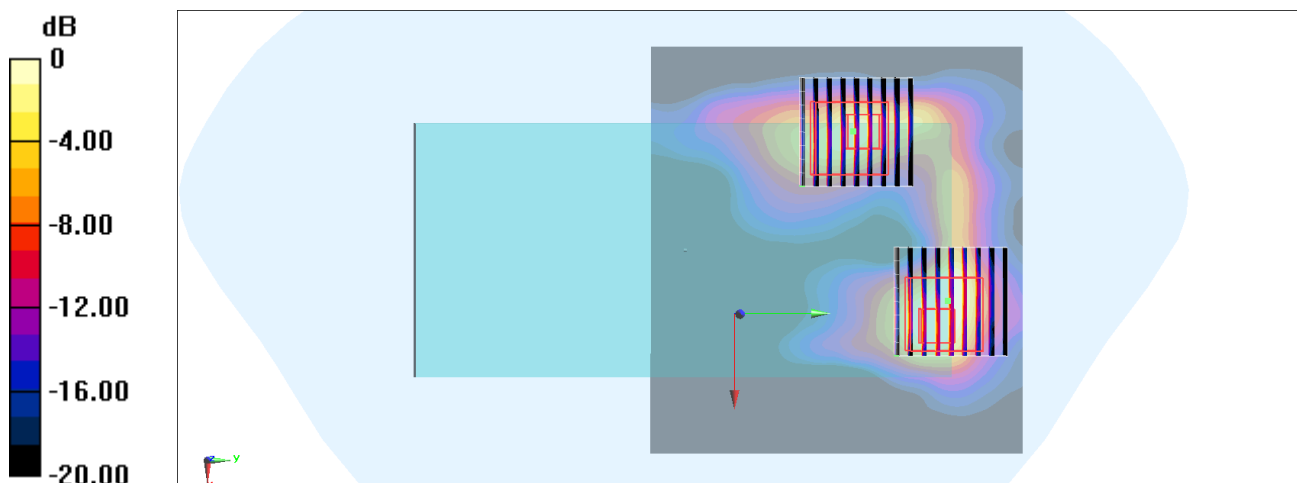
**Zoom Scan (9x9x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.51 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 18.4 W/kg

**SAR(1 g) = 3.57 W/kg; SAR(10 g) = 1.15 W/kg**

Maximum value of SAR (measured) = 9.66 W/kg



0 dB = 9.66 W/kg = 9.85 dBW/kg