

#01_WLAN5GHz_802.11n-HT40 MCS0_Bottom Face_0mm_Ch62

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium: HSL_5G_210519 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.697$ S/m; $\epsilon_r = 36.325$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(5.38, 5.38, 5.38) @ 5310 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.28 W/kg

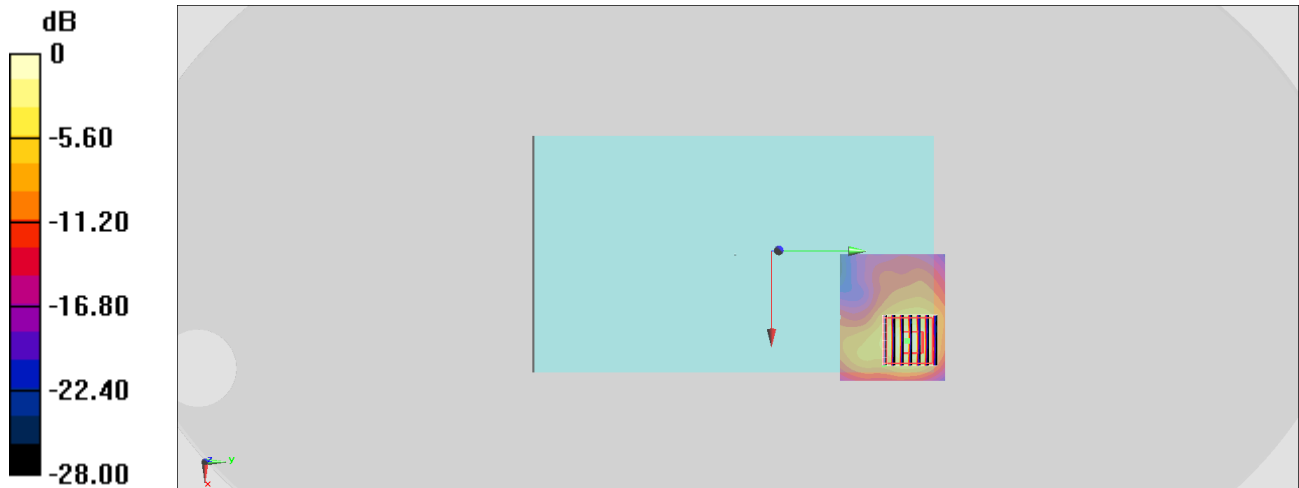
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.11 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 5.00 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.314 W/kg

Maximum value of SAR (measured) = 2.69 W/kg



0 dB = 2.69 W/kg = 4.30 dBW/kg

#02_WLAN5GHz_802.11n-HT40 MCS0_Bottom Face_0mm_Ch102

Communication System: 802.11n; Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: HSL_5G_210519 Medium parameters used: $f = 5510 \text{ MHz}$; $\sigma = 4.993 \text{ S/m}$; $\epsilon_r = 35.76$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(4.79, 4.79, 4.79) @ 5510 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x51x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.74 W/kg

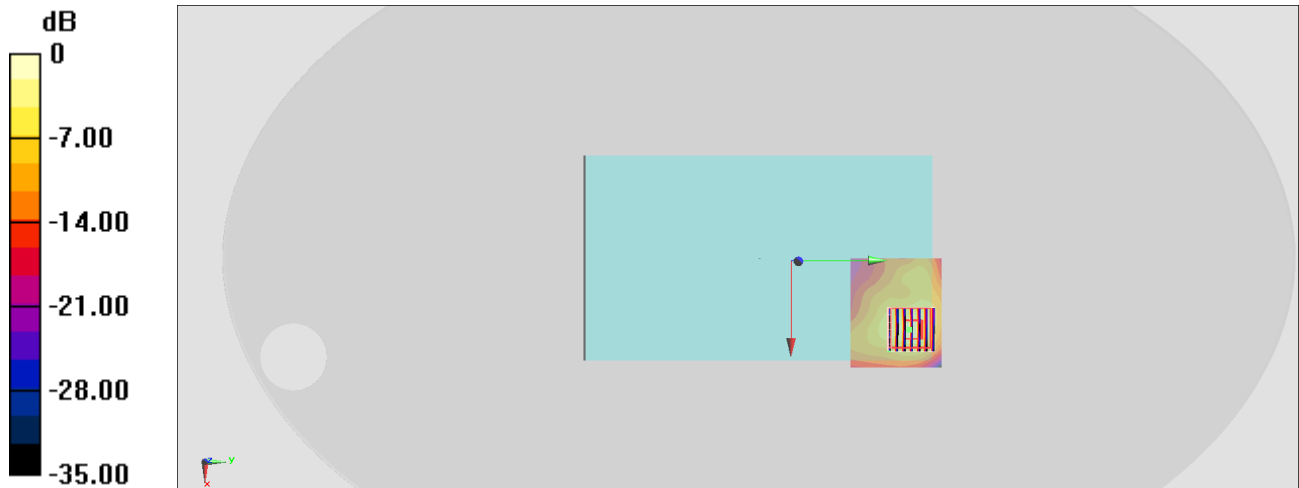
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 16.93 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.85 W/kg

SAR(1 g) = 0.863 W/kg ; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 2.23 W/kg



$0 \text{ dB} = 2.23 \text{ W/kg} = 3.48 \text{ dBW/kg}$