

#01_WLAN5GHz_802.11ac-VHT40 MCS0_Front_5mm_Ch46;Ant 1+2

Communication System: 802.11ac; Frequency: 5230 MHz; Duty Cycle: 1:1.101

Medium: HSL_5G_190426 Medium parameters used: $f = 5230$ MHz; $\sigma = 4.605$ S/m; $\epsilon_r = 36.167$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(5.12, 5.12, 5.12) ; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.20 W/kg

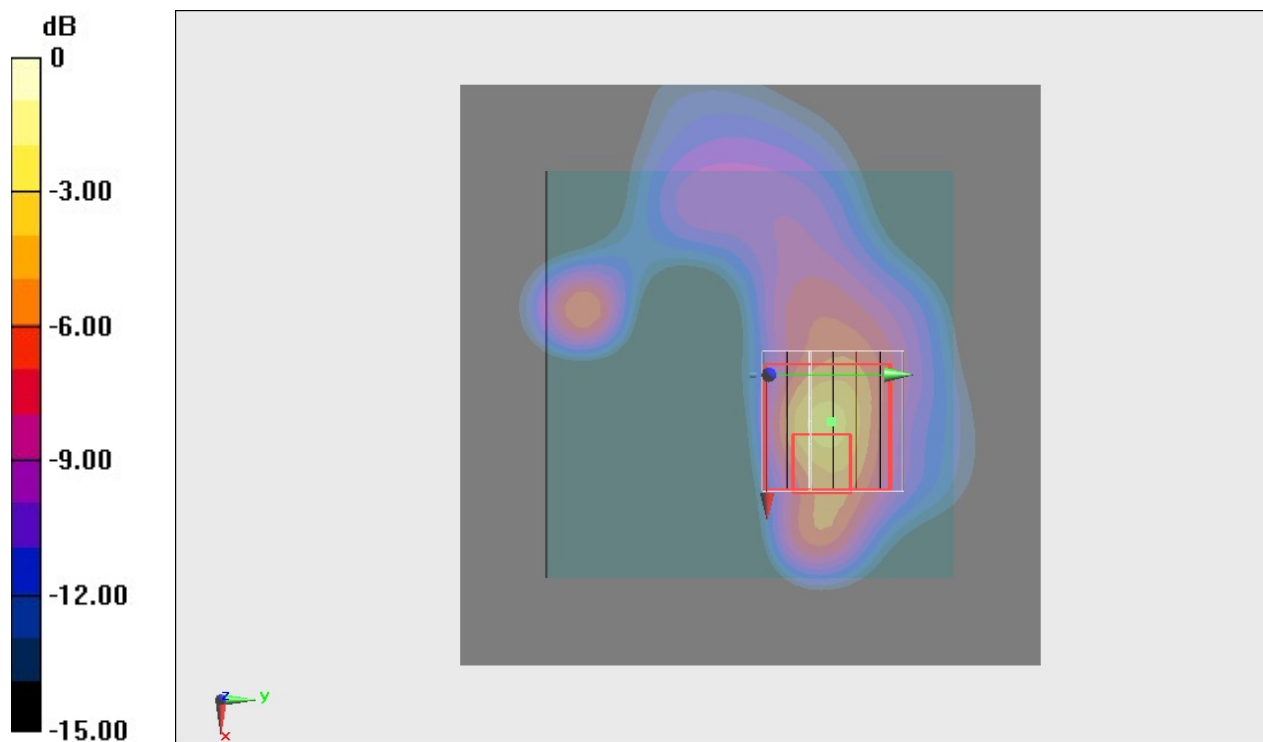
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 21.61 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.05 W/kg

SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.190 W/kg

Maximum value of SAR (measured) = 2.68 W/kg



#02_WLAN5GHz_802.11ac-VHT40 MCS0_Front_5mm_Ch159;Ant 1+2

Communication System: 802.11ac; Frequency: 5795 MHz; Duty Cycle: 1:1.101

Medium: HSL_5G_190426 Medium parameters used : $f = 5795$ MHz; $\sigma = 5.181$ S/m; $\epsilon_r = 35.439$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.72, 4.72, 4.72) ; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.966 W/kg

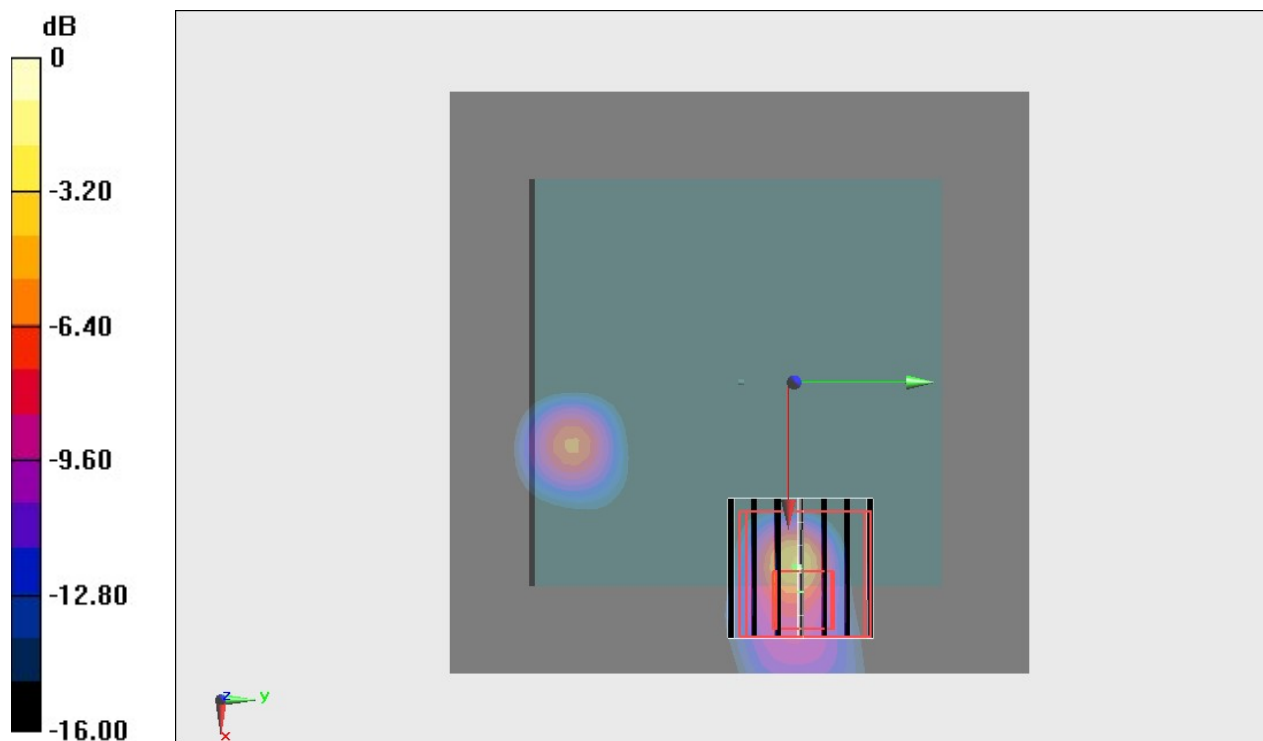
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.79 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.20 W/kg

SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 2.50 W/kg



0 dB = 2.50 W/kg = 3.98 dBW/kg