

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch6;Ant 1

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.006

Medium: HSL_2450_190719 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.74$ S/m; $\epsilon_r = 39.715$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.54, 4.54, 4.54) @ 2437 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2018/10/29
- 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 (51x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.41 W/kg

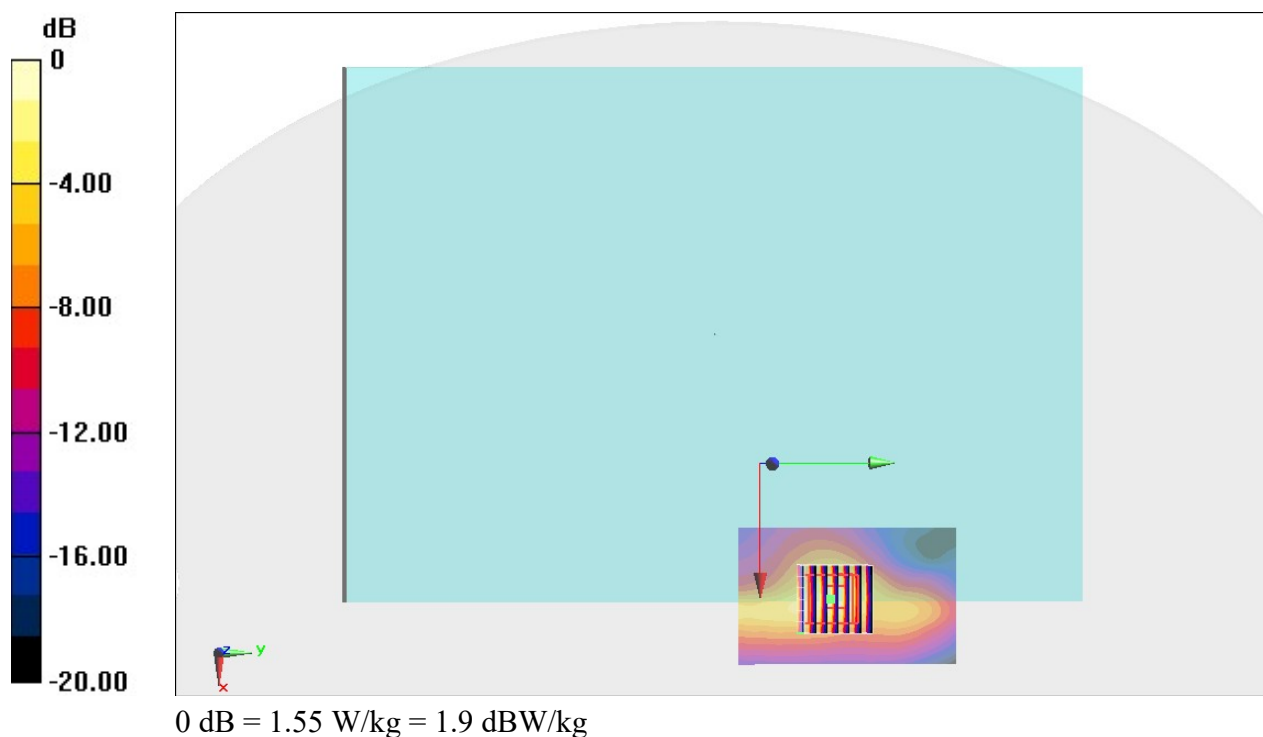
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 31.22 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.493 W/kg

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



#02_WLAN5GHz_802.11n-HT40 MCS0_Bottom of Laptop_0mm_Ch62;Ant 1

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1.043

Medium: HSL_5G_190718 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.792$ S/m; $\epsilon_r = 36.046$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3898; ConvF(5.33, 5.33, 5.33) @ 5310 MHz; Calibrated: 2019/6/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- 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 (61x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.29 W/kg

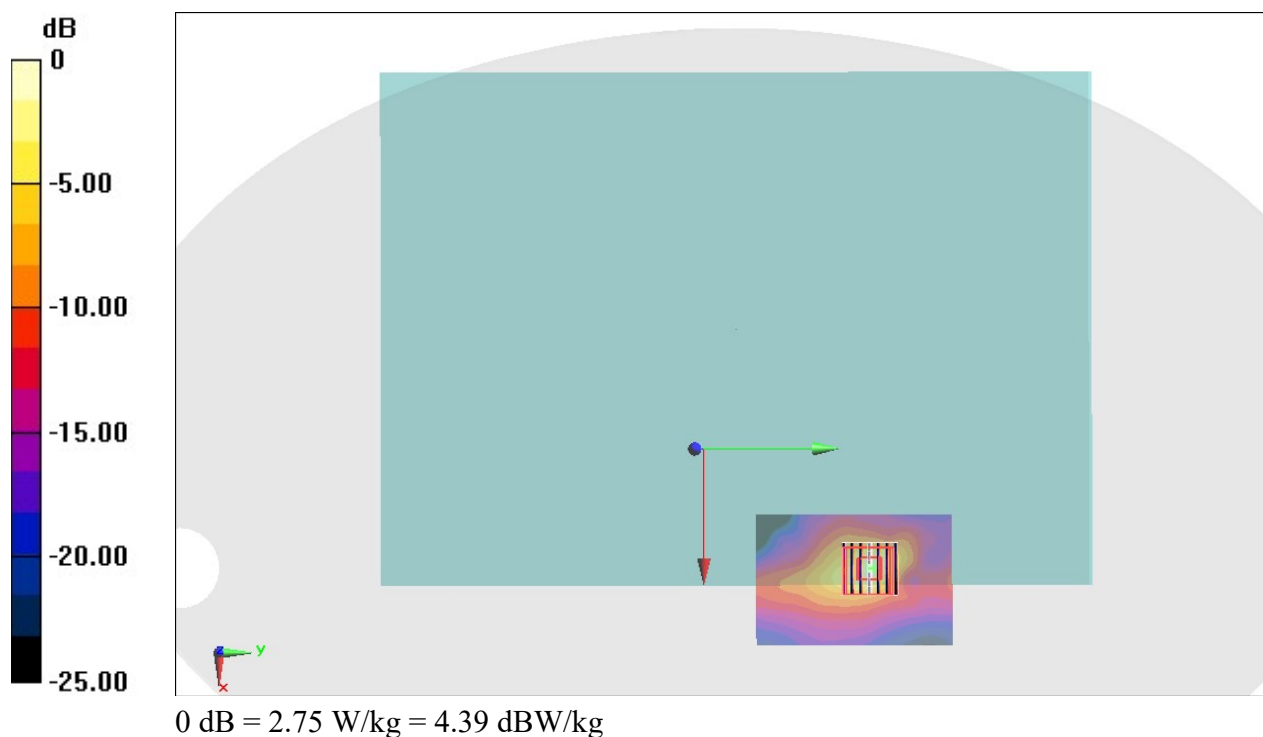
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 20.25 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 4.36 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.317 W/kg

Maximum value of SAR (measured) = 2.75 W/kg



#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch122;Ant 1

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.085

Medium: HSL_5G_190718 Medium parameters used : $f = 5610$ MHz; $\sigma = 5.104$ S/m; $\epsilon_r = 35.642$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3898; ConvF(4.85, 4.85, 4.85) @ 5610 MHz; Calibrated: 2019/6/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- 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 (61x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.62 W/kg

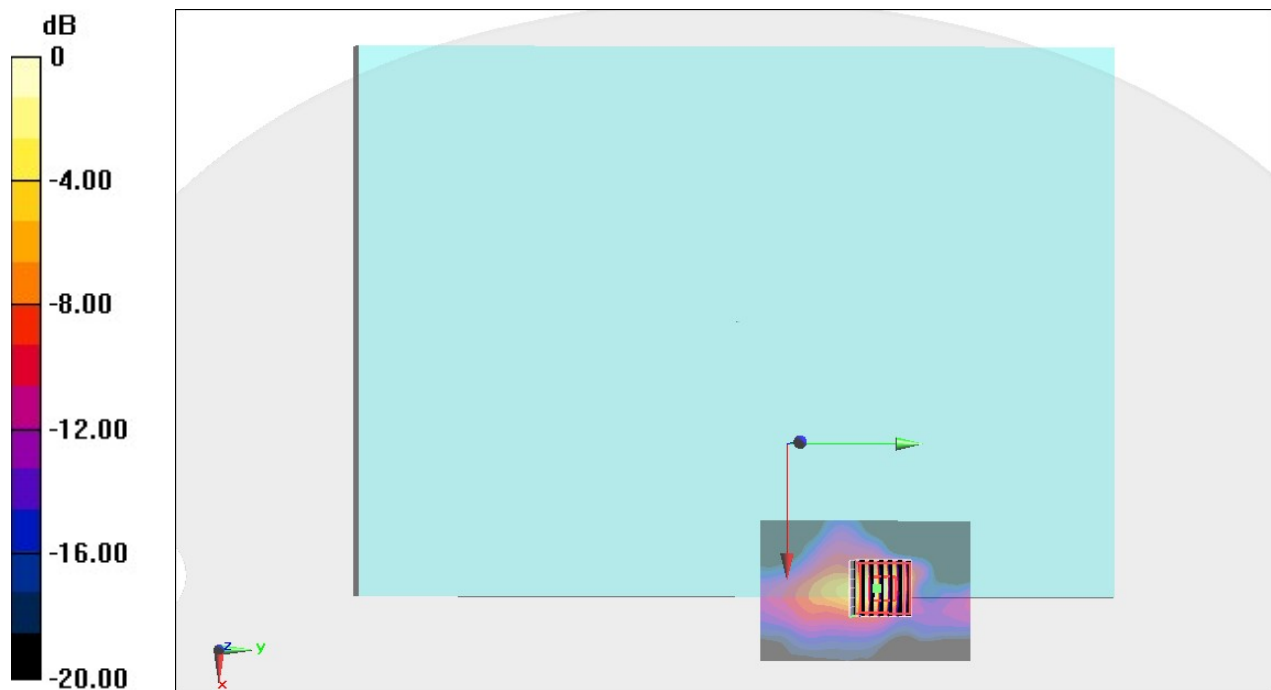
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.28 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 4.58 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 2.72 W/kg



0 dB = 2.72 W/kg = 4.35 dBW/kg

#04_WLAN5GHz_802.11n-HT40 MCS0_Bottom of Laptop_0mm_Ch151;Ant 2

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1.043

Medium: HSL_5G_190719 Medium parameters used : $f = 5755$ MHz; $\sigma = 5.232$ S/m; $\epsilon_r = 35.337$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3898; ConvF(4.95, 4.95, 4.95) @ 5755 MHz; Calibrated: 2019/6/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- 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 (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.38 W/kg

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

Reference Value = 20.57 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 4.55 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 2.81 W/kg

