

01_WLAN2.4GHz_802.11b 1Mbps_Horizontal Up_5mm_Ch6

Communication System: WiFi; Frequency: 2437 MHz; Duty Cycle: 1:1.006

Medium: HSL_2450_20221015 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 40.714$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2022/4/21
- Probe: EX3DV4 - SN7400; ConvF(7.63, 7.63, 7.63) @ 2437 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: Right_Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: TP-1467
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (61x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 2.47 W/kg

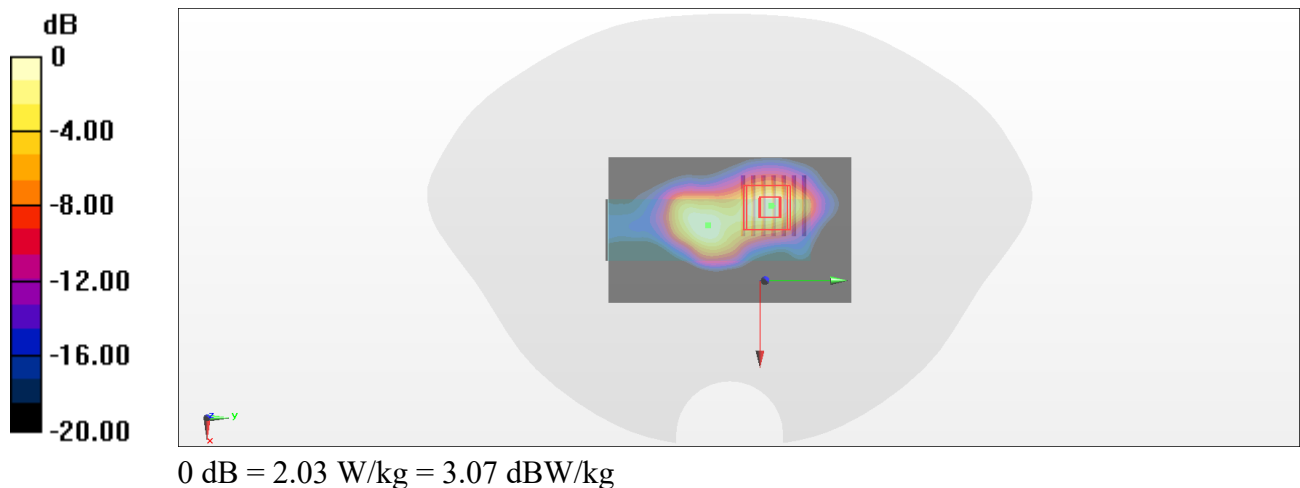
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 22.80 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.521 W/kg

Maximum value of SAR (measured) = 2.03 W/kg



18_WLAN5GHz_802.11ac-VHT80 MCS0_Horizontal Up_5mm_Ch42**DUT: TP-Link**

Communication System: UID 0, WiFi; Frequency: 5210 MHz; Duty Cycle: 1:1.0361

Medium: HSL_5G_20221016 Medium parameters used (interpolated): $f = 5210$ MHz; $\sigma = 4.643$ S/m; $\epsilon_r =$

36.831 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2022/4/21
- Probe: EX3DV4 - SN7400; ConvF(5.05, 5.05, 5.05) @ 5210 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 23.0$
- Phantom: Right_Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: TP-1467
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x12x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.94 W/kg

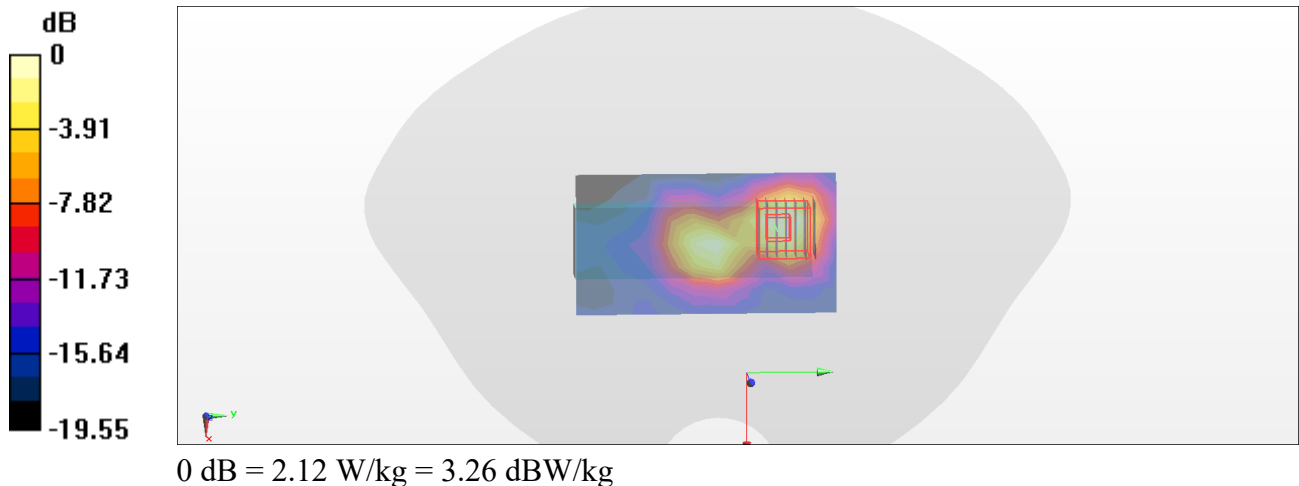
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 23.28 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.22 W/kg

SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 2.12 W/kg



19_WLAN5GHz_802.11ac-VHT80 MCS0_Horizontal Up_5mm_Ch122**DUT: TP-Link**

Communication System: UID 0, WiFi (0); Frequency: 5610 MHz; Duty Cycle: 1:1

Medium: HSL_5G_20221016 Medium parameters used (interpolated): $f = 5610$ MHz; $\sigma = 5.109$ S/m; $\epsilon_r = 36.299$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2022/4/21
- Probe: EX3DV4 - SN7400; ConvF(4.7, 4.7, 4.7) @ 5610 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 23.0$
- Phantom: Right_Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: TP-1467
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x12x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 3.23 W/kg

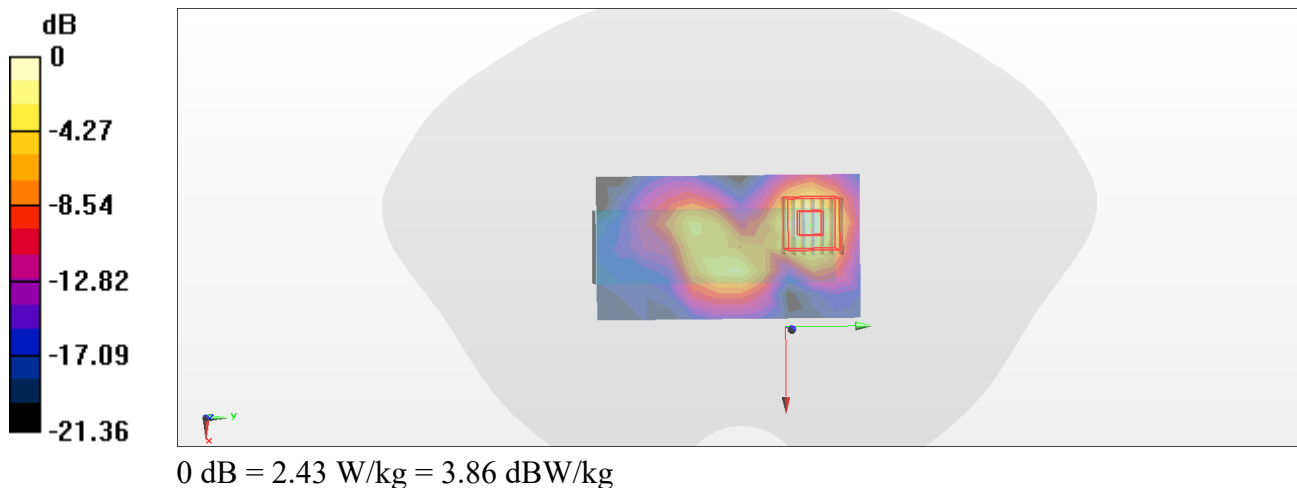
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 11.91 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.88 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.372 W/kg

Maximum value of SAR (measured) = 2.43 W/kg



20_WLAN5GHz_802.11ac-VHT80 MCS0_Horizontal Up_5mm_Ch155**DUT: TP-Link**

Communication System: UID 0, WiFi (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: HSL_5G_20221016 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.282$ S/m; $\epsilon_r = 36.062$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2022/4/21
- Probe: EX3DV4 - SN7400; ConvF(4.8, 4.8, 4.8) @ 5775 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 23.0$
- Phantom: Right_Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: TP-1467
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (7x12x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.35 W/kg

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

Reference Value = 12.09 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.11 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.347 W/kg

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

