

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 3_0mm_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.018

Medium: HSL_2450_191121 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 38.888$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2437 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.71 W/kg

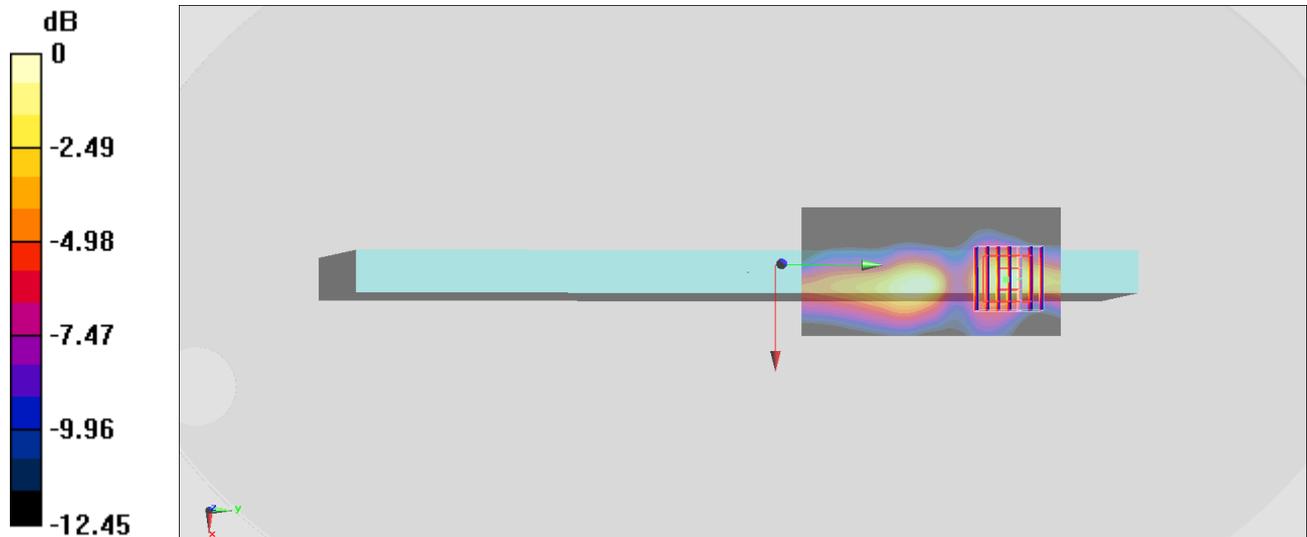
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.95 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 0.977 W/kg; SAR(10 g) = 0.438 W/kg

Maximum value of SAR (measured) = 1.70 W/kg



#02_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch58

Communication System: 802.11ac ; Frequency: 5290 MHz;Duty Cycle: 1:1.087

Medium: HSL_5G_191120 Medium parameters used : $f = 5290$ MHz; $\sigma = 4.706$ S/m; $\epsilon_r = 35.937$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5290 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

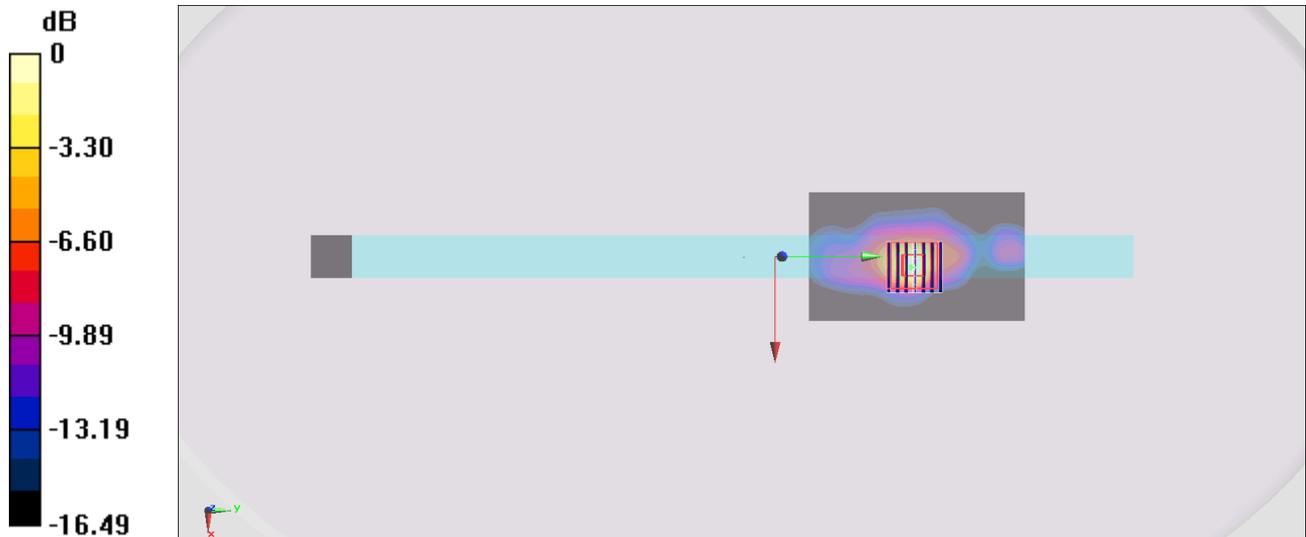
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.48 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.81 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 2.98 W/kg



0 dB = 2.35 W/kg = 3.71 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch106

Communication System: 802.11ac ; Frequency: 5530 MHz; Duty Cycle: 1:1.087

Medium: HSL_5G_191120 Medium parameters used : $f = 5530$ MHz; $\sigma = 5.011$ S/m; $\epsilon_r = 35.612$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.49, 4.49, 4.49) @ 5530 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.73 W/kg

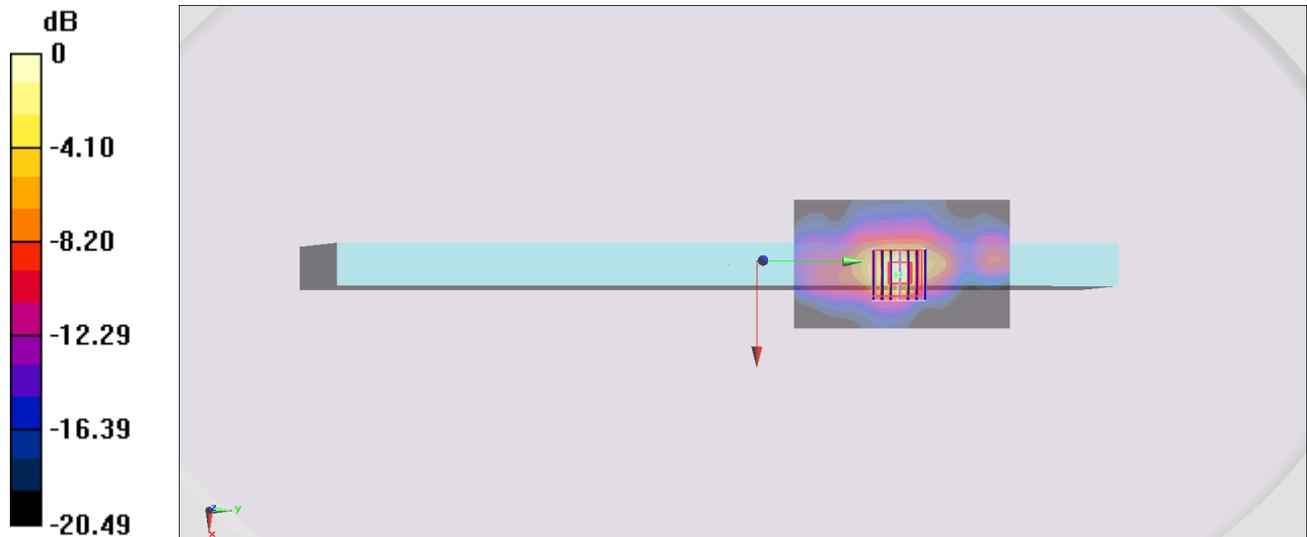
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.10 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.76 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.263 W/kg

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



0 dB = 2.73 W/kg = 4.36 dBW/kg

#04_WLAN5GHz_802.11n-HT40 MCS0_Edge 3_0mm_Ch151

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

Medium: HSL_5G_191120 Medium parameters used : $f = 5755$ MHz; $\sigma = 5.252$ S/m; $\epsilon_r = 35.477$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5755 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.48 W/kg

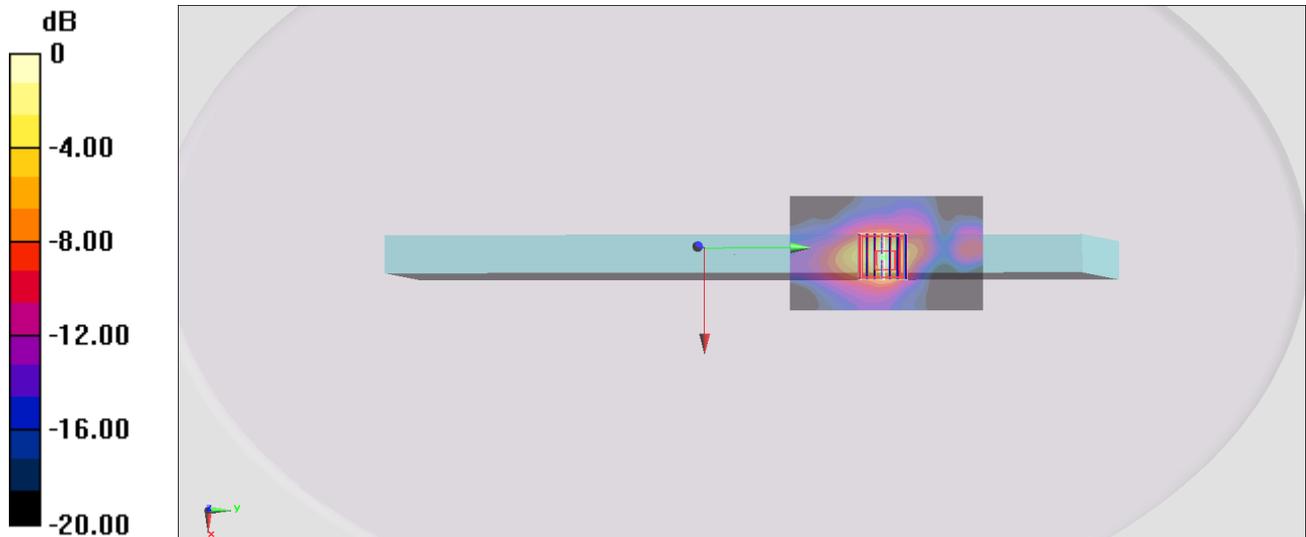
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.28 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 5.24 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.293 W/kg

Maximum value of SAR (measured) = 2.78 W/kg



#05_Bluetooth_1Mbps_Edge 3_0mm_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1.305

Medium: HSL_2450_191121 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.862$ S/m; $\epsilon_r = 38.649$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2480 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.147 W/kg

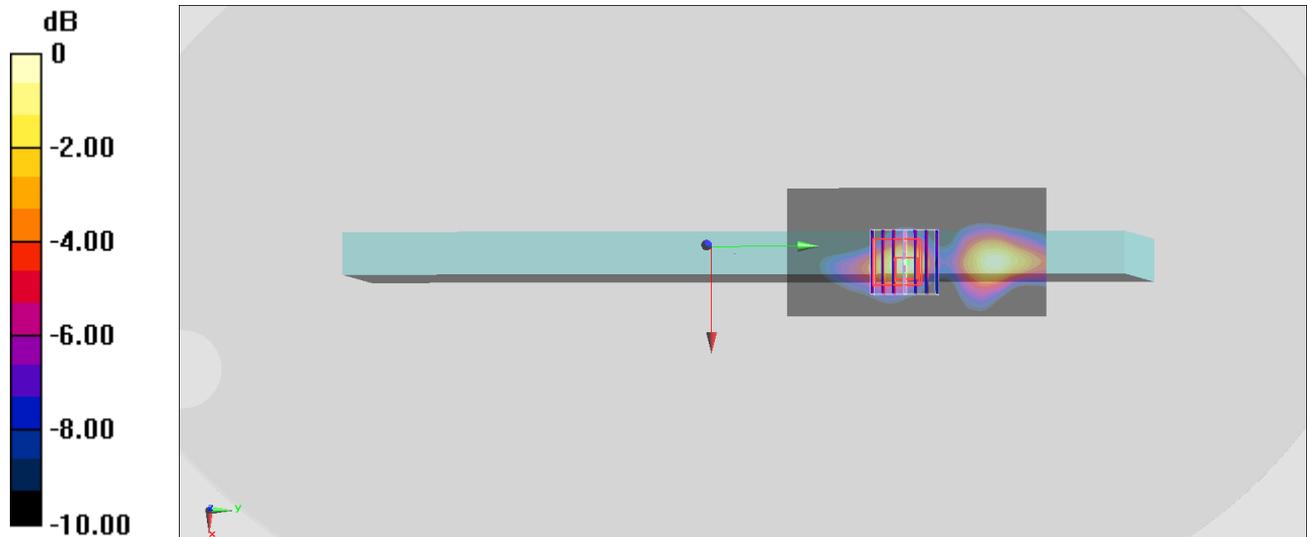
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.105 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.160 W/kg



0 dB = 0.147 W/kg = -8.33 dBW/kg