

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch1

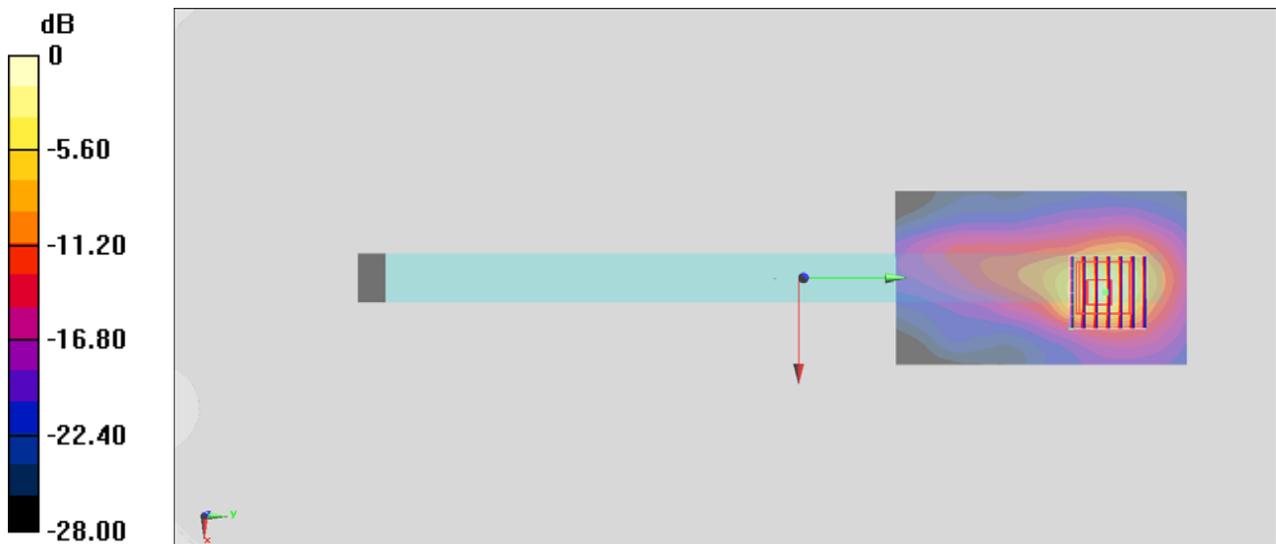
Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium: HSL_2450_201119 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.802 \text{ S/m}$; $\epsilon_r = 38.772$;
 $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(7.47, 7.47, 7.47) @ 2412 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x101x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.26 W/kg

Zoom Scan (7x7x5)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 22.56 V/m ; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 0.828 W/kg ; SAR(10 g) = 0.335 W/kg
 Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

#02_WLAN5GHz_802.11n-HT40 MCS0_Edge 1_0mm_Ch38

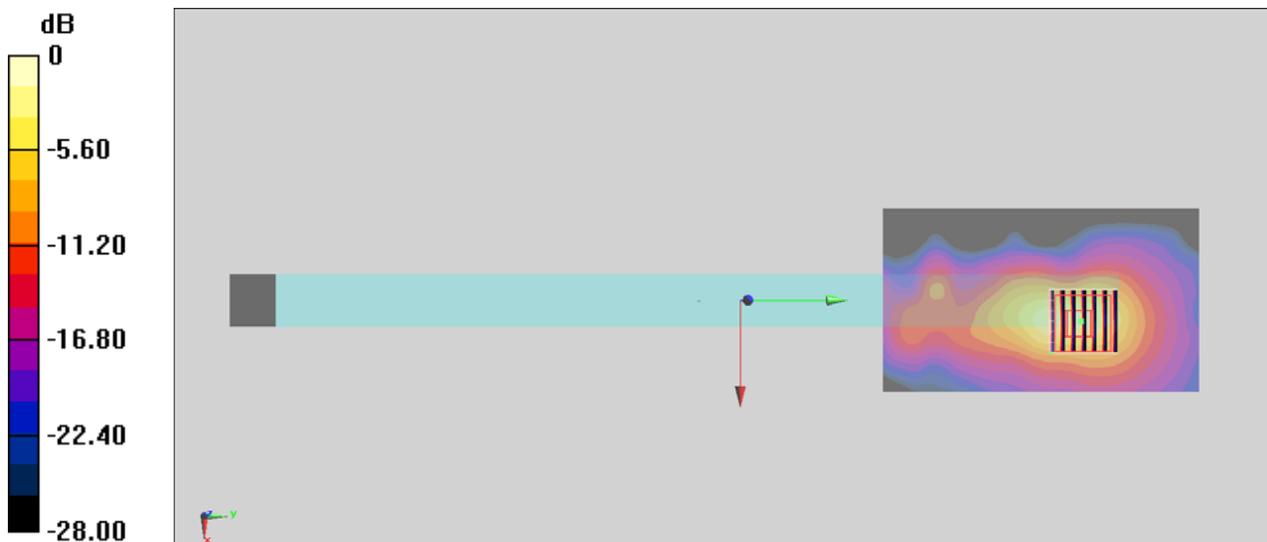
Communication System: 802.11n; Frequency: 5190 MHz; Duty Cycle: 1:1.007
Medium: HSL_5G_201119 Medium parameters used: $f = 5190$ MHz; $\sigma = 4.538$ S/m; $\epsilon_r = 36.218$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(5.36, 5.36, 5.36) @ 5190 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.69 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.33 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 4.08 W/kg
SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.259 W/kg
Maximum value of SAR (measured) = 2.23 W/kg



0 dB = 2.23 W/kg = 3.48 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 1_0mm_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1

Medium: HSL_5G_201119 Medium parameters used : $f = 5690$ MHz; $\sigma = 5.055$ S/m; $\epsilon_r = 35.59$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(4.91, 4.91, 4.91) @ 5690 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.05 W/kg

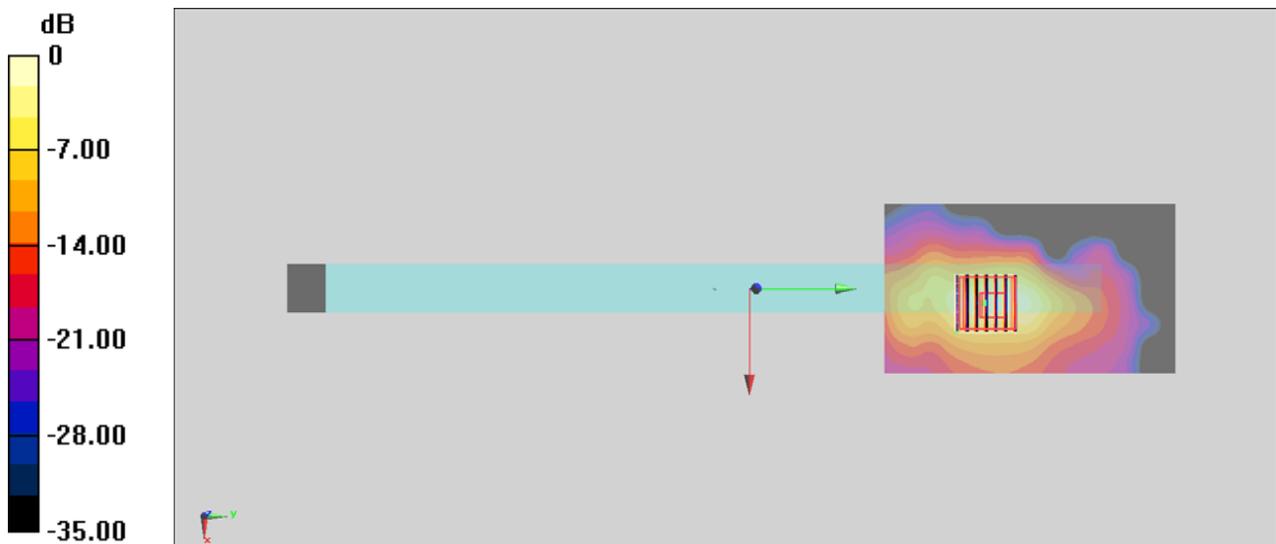
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.93 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 4.34 W/kg

SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 dBW/kg

#04_WLAN5GHz_802.11n-HT40 MCS0_Edge 1_0mm_Ch151

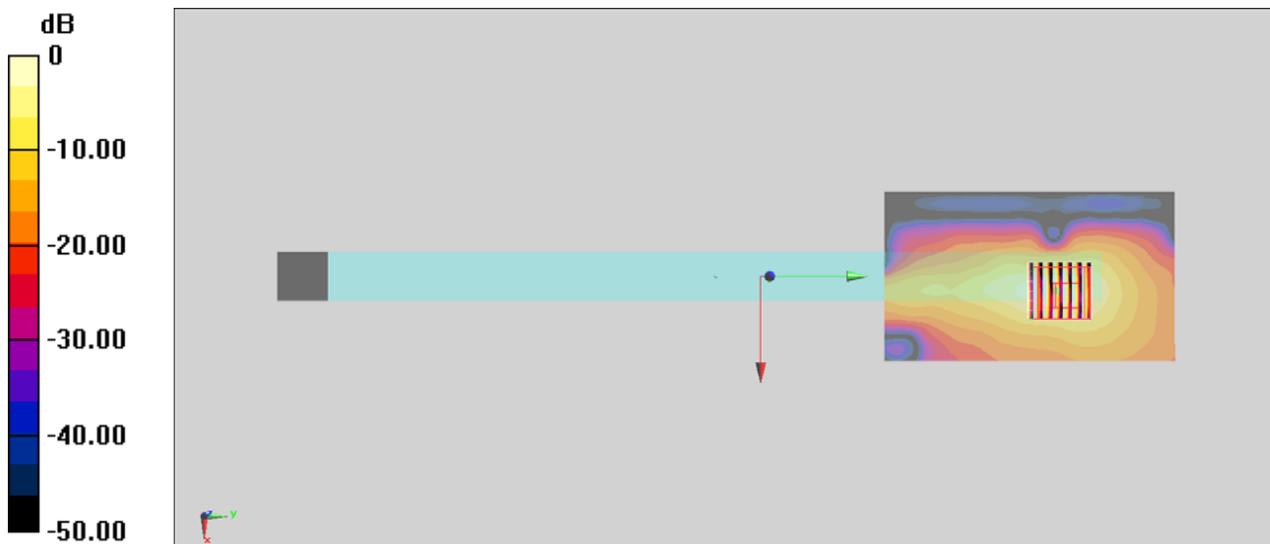
Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1.013
Medium: HSL_5G_201119 Medium parameters used : $f = 5755$ MHz; $\sigma = 5.116$ S/m; $\epsilon_r = 35.449$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(4.91, 4.91, 4.91) @ 5755 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.48 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.24 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 5.85 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.299 W/kg
Maximum value of SAR (measured) = 2.70 W/kg



0 dB = 2.70 W/kg = 4.31 dBW/kg

#05_Bluetooth_1 Mbps_Edge 1_0mm_Ch78

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

Medium: HSL_2450_201119 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 38.491$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(7.47, 7.47, 7.47) @ 2480 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.103 W/kg

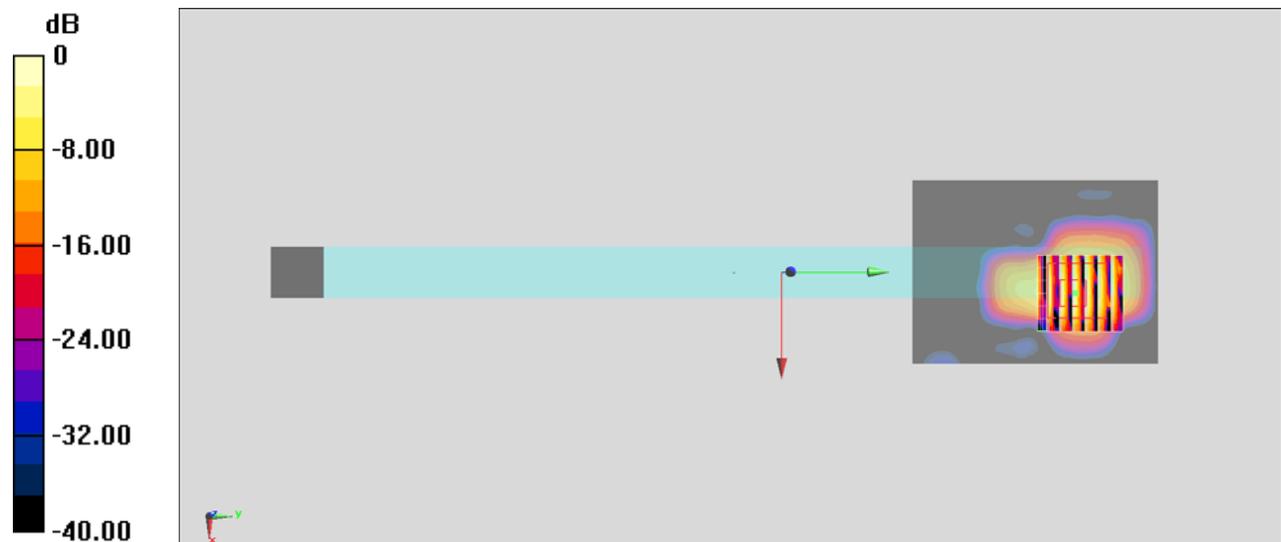
Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.231 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0996 W/kg



0 dB = 0.0996 W/kg = -10.02 dBW/kg