# #01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch6 ;Ant 1+2

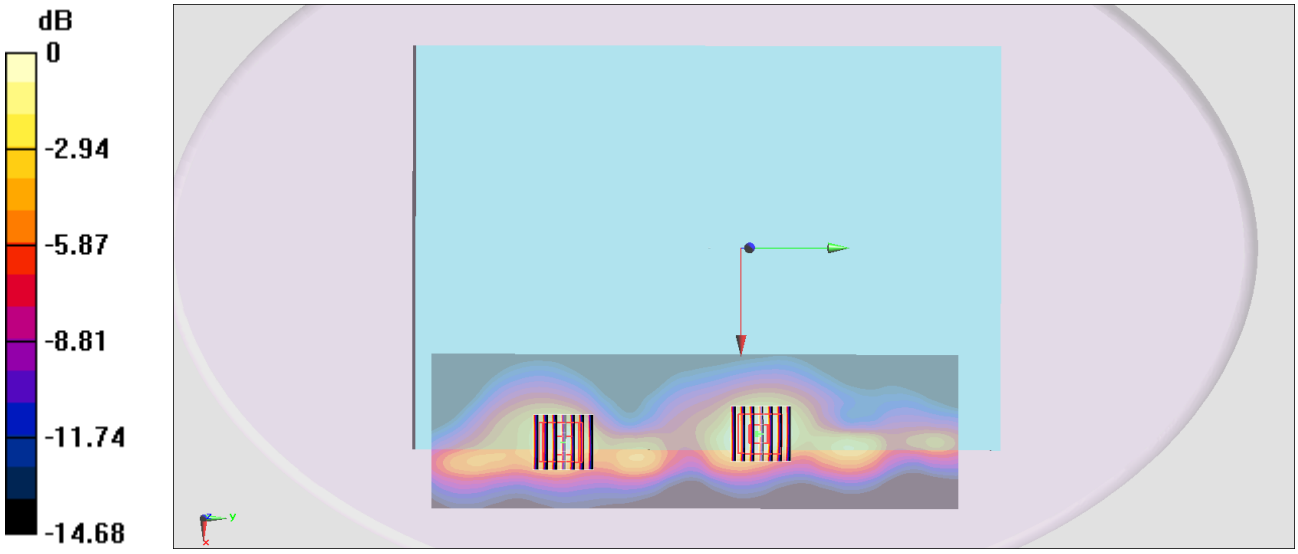
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.018
Medium: HSL_2450_210505 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.783 S/m; $\varepsilon_r$ = 40.549; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7439; ConvF(7.52, 7.52, 7.52) @ 2437 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x241x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.58 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.00 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.08 W/kg
**SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.437 W/kg**
Maximum value of SAR (measured) = 1.64 W/kg

**Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.00 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.32 W/kg
**SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.313 W/kg**
Maximum value of SAR (measured) = 1.02 W/kg




0 dB = 1.02 W/kg = 0.09 dBW/kg

# #02_WLAN5GHz_802.11n-HT40 MCS0_Bottom of Laptop_0mm_Ch62 ;Ant 1+2

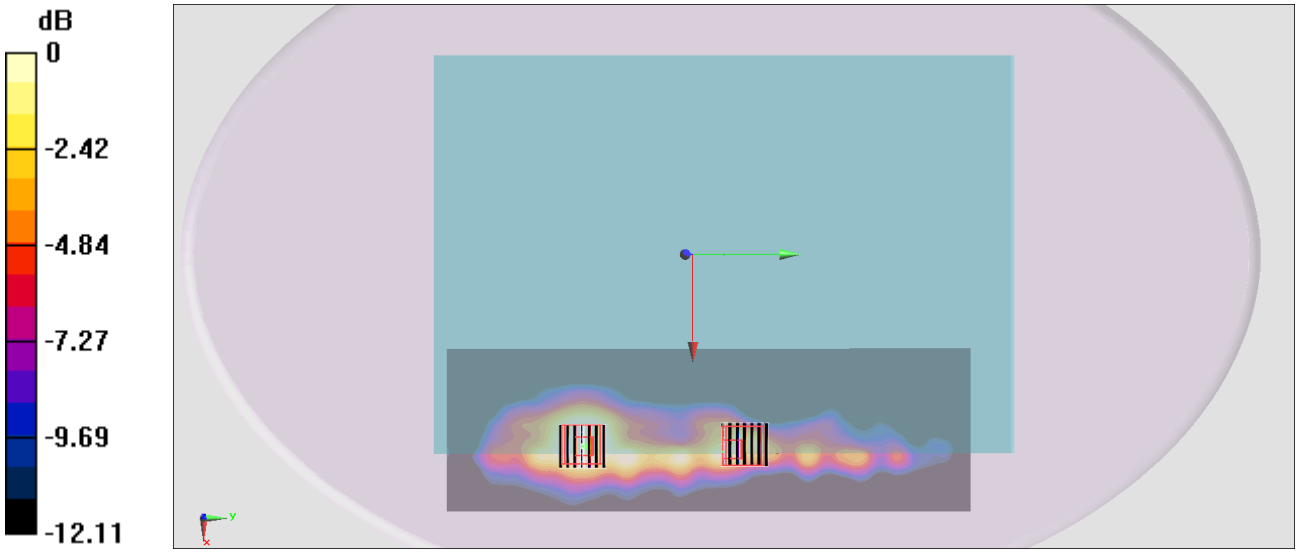
Communication System: 802.11n; Frequency: 5310 MHz;Duty Cycle: 1:1.003
Medium: HSL_5G_210505 Medium parameters used: f = 5310 MHz; $\sigma$ = 4.57 S/m; $\varepsilon_r$ = 37.069; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7439; ConvF(5.23, 5.23, 5.23) @ 5310 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x291x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.70 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.24 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.00 W/kg
**SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.291 W/kg**
Maximum value of SAR (measured) = 1.92 W/kg

**Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.24 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.25 W/kg
**SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.110 W/kg**
Maximum value of SAR (measured) = 0.819 W/kg




0 dB = 0.819 W/kg = -0.87 dBW/kg

# #03_WLAN5GHz_802.11n-HT40 MCS0_Bottom of Laptop_0mm_Ch126 ;Ant 1+2

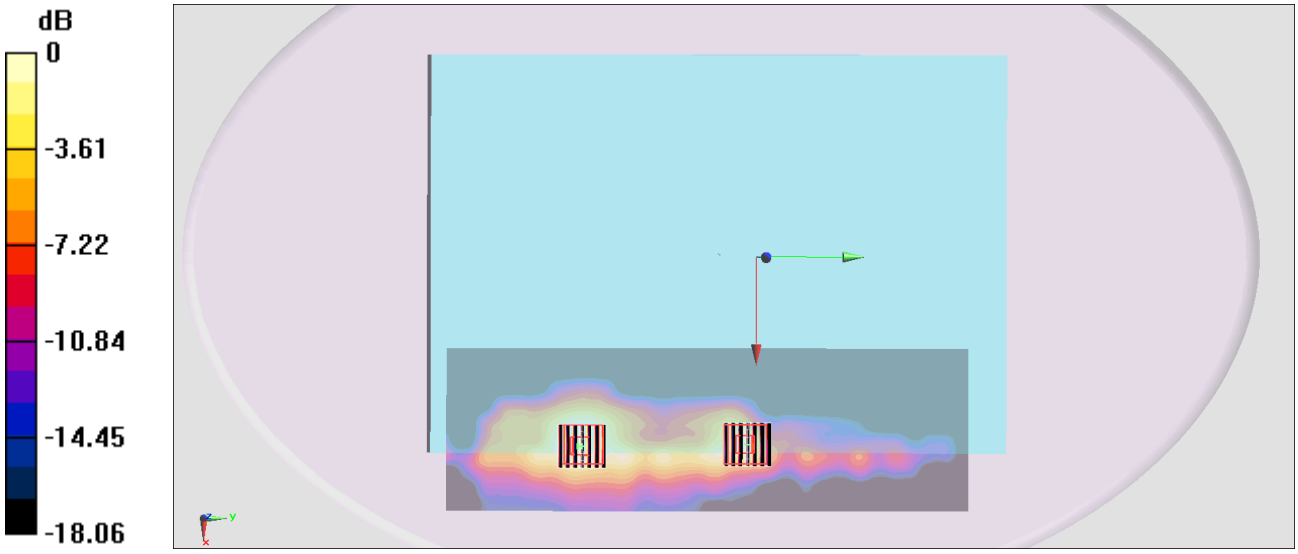
Communication System: 802.11n; Frequency: 5630 MHz;Duty Cycle: 1:1.003
Medium: HSL_5G_210506 Medium parameters used: f = 5630 MHz; $\sigma$ = 5.119 S/m; $\varepsilon_r$ = 36.516; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7439; ConvF(4.59, 4.59, 4.59) @ 5630 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x291x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.14 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.56 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.95 W/kg
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.355 W/kg**
Maximum value of SAR (measured) = 2.41 W/kg

**Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.56 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.01 W/kg
**SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.171 W/kg**
Maximum value of SAR (measured) = 1.26 W/kg




0 dB = 1.26 W/kg = 1.00 dBW/kg

# #04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch155 ;Ant 1+2

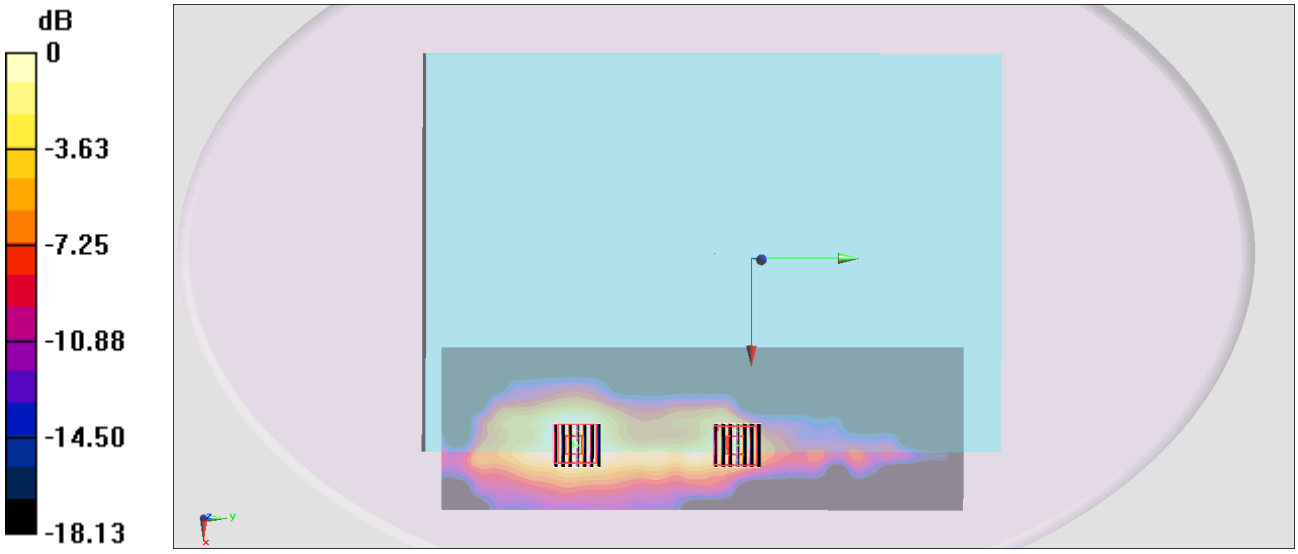
Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.004
Medium: HSL_5G_210506 Medium parameters used: f = 5775 MHz; $\sigma$ = 5.208 S/m; $\varepsilon_r$ = 36.421; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7439; ConvF(4.81, 4.81, 4.81) @ 5775 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x291x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.92 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.06 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.80 W/kg
**SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.319 W/kg**
Maximum value of SAR (measured) = 2.20 W/kg

**Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.06 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.70 W/kg
**SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.147 W/kg**
Maximum value of SAR (measured) = 1.02 W/kg




0 dB = 1.02 W/kg = 0.09 dBW/kg

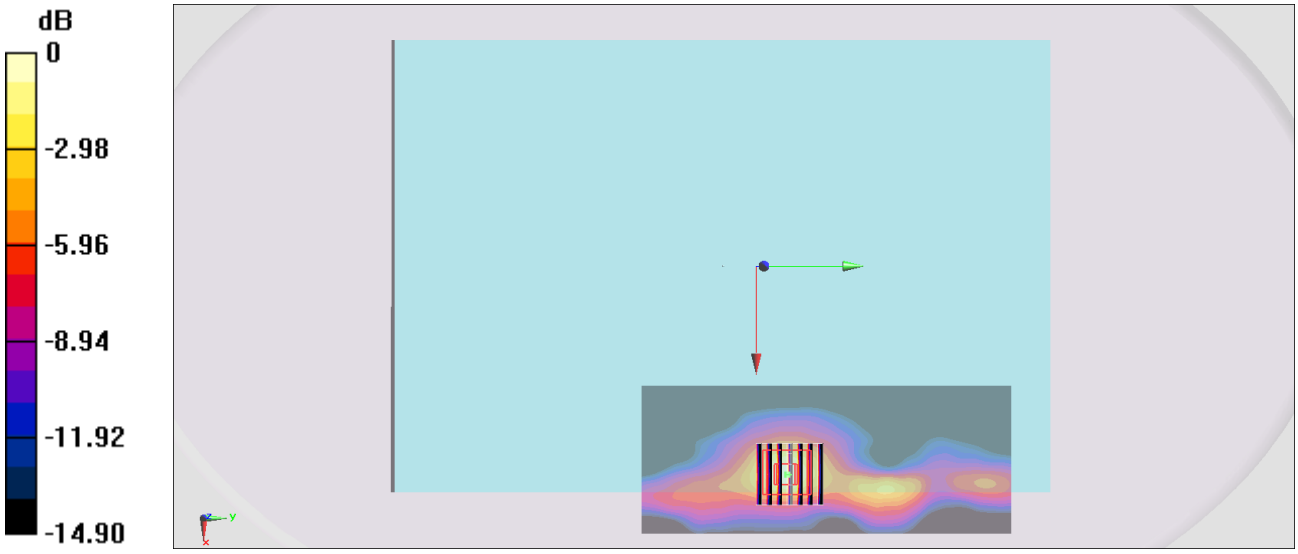
# #05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch39 ;Ant 1

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium: HSL_2450_210507 Medium parameters used: f = 2441 MHz; $\sigma$ = 1.775 S/m; $\varepsilon_r$ = 39.956; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7439; ConvF(7.52, 7.52, 7.52) @ 2441 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2021/1/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.244 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.65 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.324 W/kg
**SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.067 W/kg**
Maximum value of SAR (measured) = 0.256 W/kg




0 dB = 0.256 W/kg = -5.92 dBW/kg

Date: 2021-05-08

**#06_WLAN 6E_802.11ax-HE160 MCS0_Bottom of Laptop_0mm_Ch47;Ant 1+2**

Communication System: 802.11ax; Frequency: 6185.0
Medium: HSL. Medium parameters used: f= 6185.0 MHz; $\sigma$= 5.69 S/m; $\varepsilon_r$ = 35.8
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7439; ConvF(5.7, 5.7, 5.7); Calibrated: 2021-02-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn656; Calibrated: 2021-01-22
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1238; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10755-AAC
- MAIA: Area Scan: N/A; Zoom Scan: N/A

**Area Scan (102.0 mm x 255.0 mm)**: Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.241 W/kg; SAR (10g) = 0.098 W/kg;

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm)/Cube 0**: Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.18 dB
SAR (1g) = 0.211 W/kg; SAR (10g) = 0.074 W/kg;

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm)/Cube 1**: Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.18 dB
SAR (1g) = 0.241 W/kg; SAR (10g) = 0.098 W/kg;