

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch11;Ant 1

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.004

Medium: HSL_2450_210117 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.789$ S/m; $\epsilon_r = 38.494$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.66, 7.66, 7.66) @ 2462 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.145 W/kg

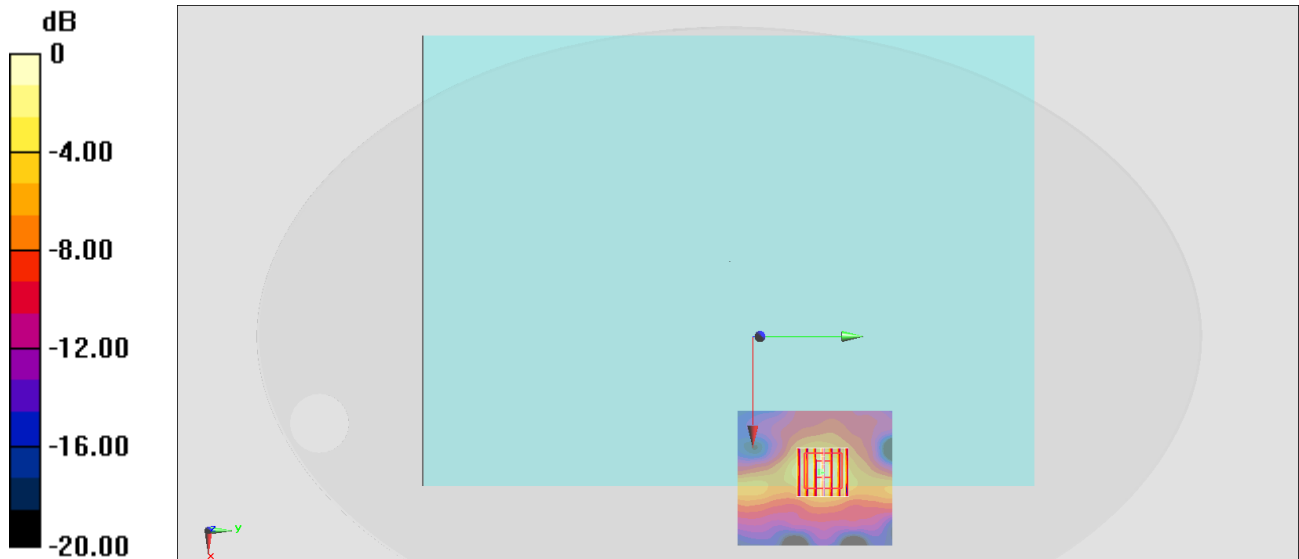
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.689 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.137 W/kg



#02_WLAN5GHz_802.11ac-VHT160 MCS0_Bottom of Laptop_0mm_Ch50;Ant 2

Communication System: 802.11ac; Frequency: 5250 MHz; Duty Cycle: 1:1.009

Medium: HSL_5G_210117 Medium parameters used : $f = 5250$ MHz; $\sigma = 4.548$ S/m; $\epsilon_r = 37.217$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(5.38, 5.38, 5.38) @ 5250 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.412 W/kg

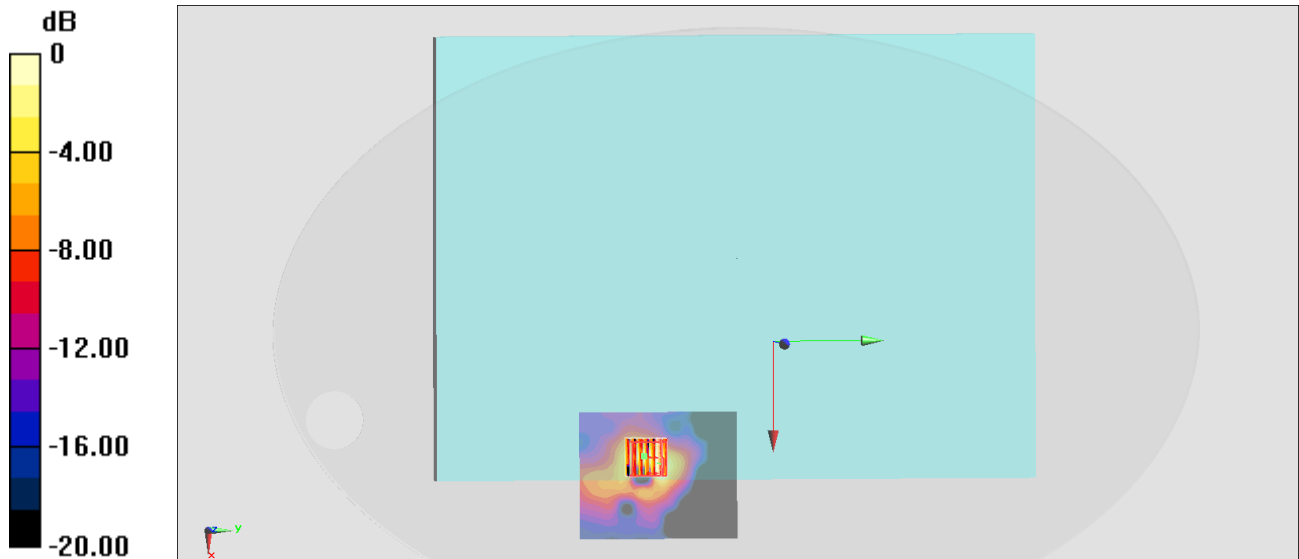
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 7.848 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.417 W/kg



#03_WLAN5GHz_802.11ac-VHT160 MCS0_Bottom of Laptop_0mm_Ch114;Ant 2

Communication System: 802.11ac; Frequency: 5570 MHz; Duty Cycle: 1:1.009

Medium: HSL_5G_210117 Medium parameters used : $f = 5570$ MHz; $\sigma = 4.866$ S/m; $\epsilon_r = 36.852$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.79, 4.79, 4.79) @ 5570 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.405 W/kg

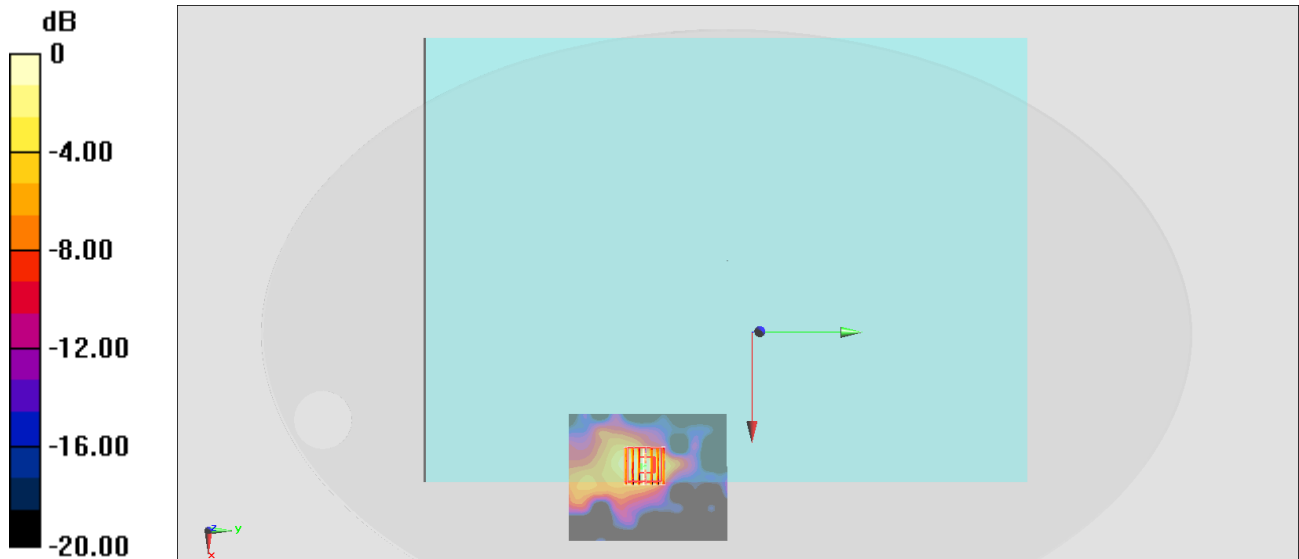
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 6.674 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.376 W/kg



0 dB = 0.405 W/kg = -3.93 dBW/kg

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

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.01

Medium: HSL_5G_210117 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.093$ S/m; $\epsilon_r = 36.623$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.84, 4.84, 4.84) @ 5775 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.431 W/kg

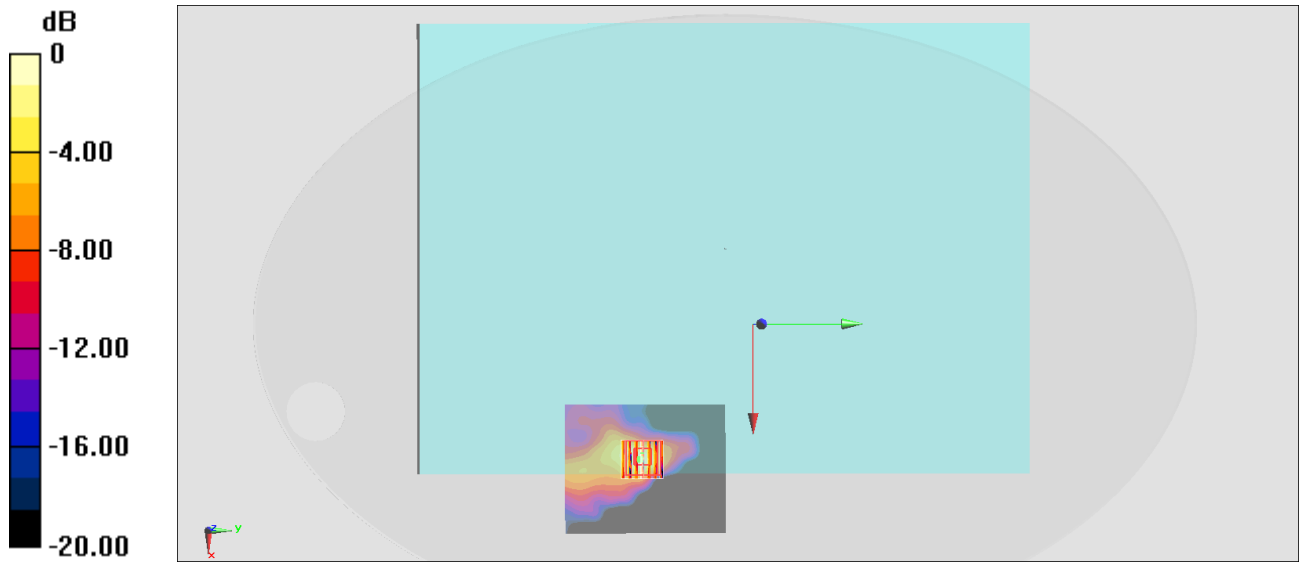
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.863 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.397 W/kg



0 dB = 0.431 W/kg = -3.66 dBW/kg

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch78;Ant 2

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.209

Medium: HSL_2450_210117 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.811$ S/m; $\epsilon_r = 38.417$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.66, 7.66, 7.66) @ 2480 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0620 W/kg

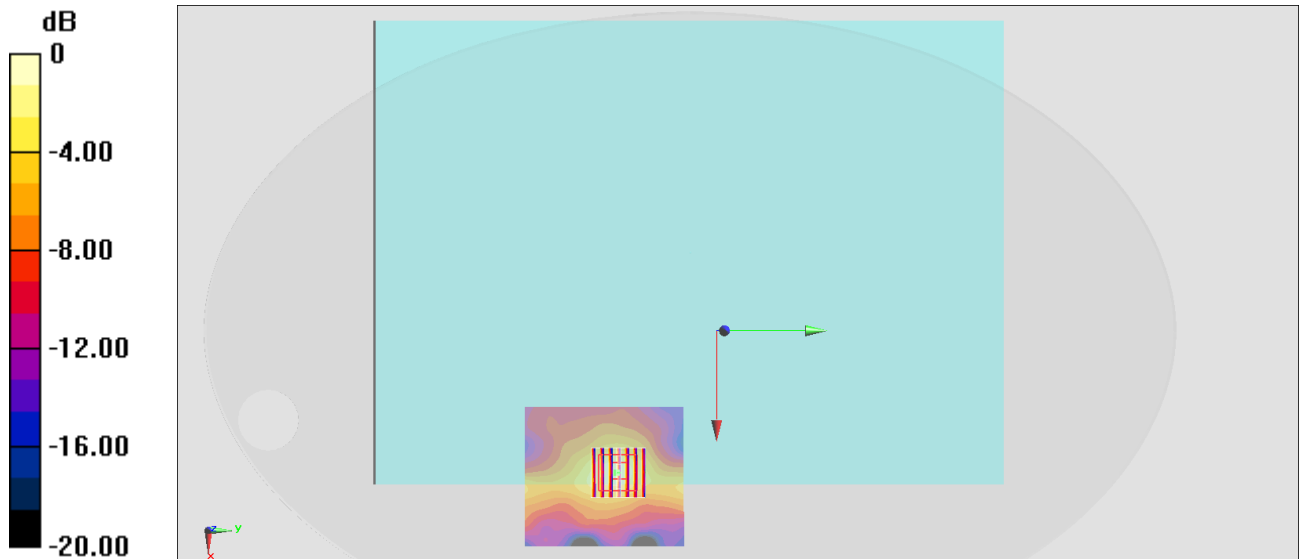
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.529 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0770 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0601 W/kg



0 dB = 0.0620 W/kg = -12.08 dBW/kg