

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch1

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.015

Medium: MSL_2450_180901 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.882$ S/m; $\epsilon_r = 52.896$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.8, 7.8, 7.8); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.194 W/kg

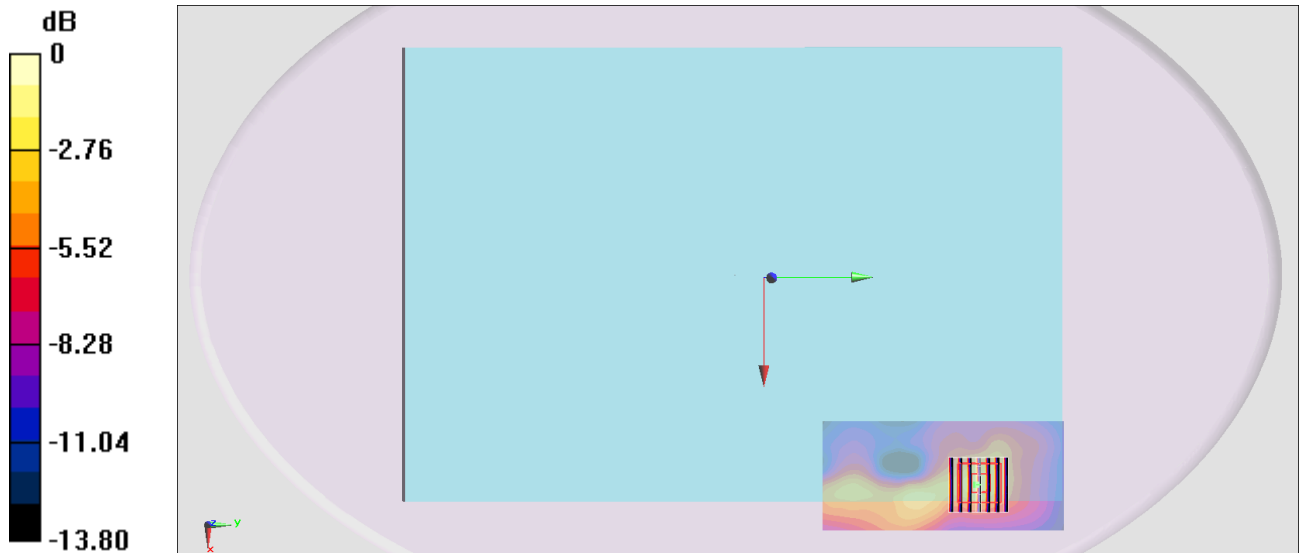
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.424 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz; Duty Cycle: 1:1.063

Medium: MSL_5G_180901 Medium parameters used : $f = 5300$ MHz; $\sigma = 5.556$ S/m; $\epsilon_r = 46.759$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

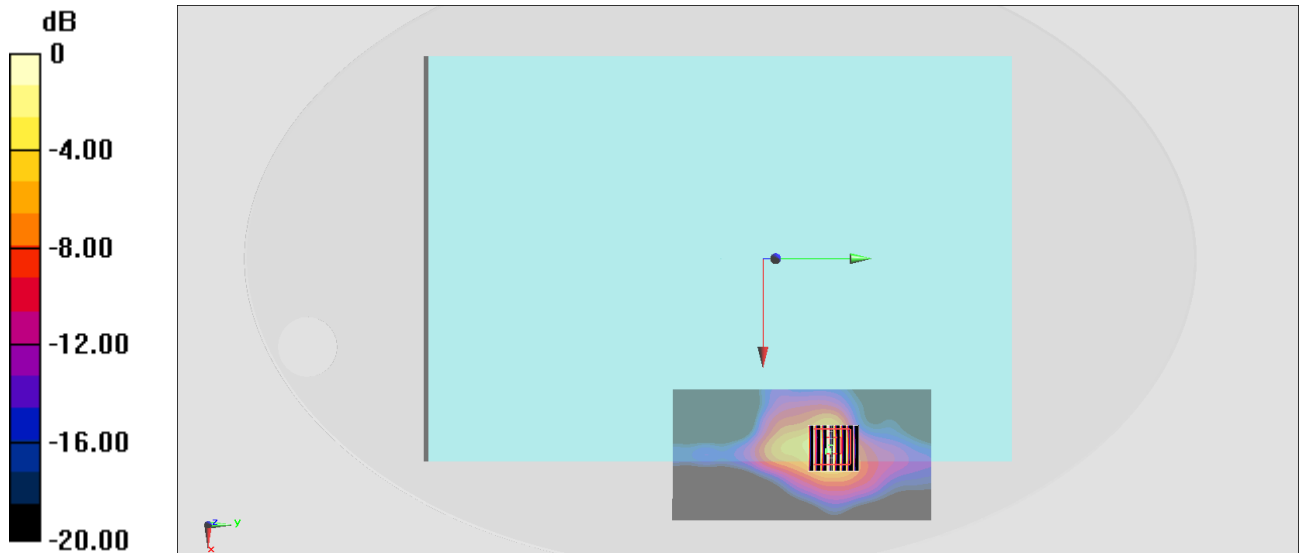
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.42 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch116

Communication System: 802.11a ; Frequency: 5580 MHz; Duty Cycle: 1:1.063

Medium: MSL_5G_180901 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.903$ S/m; $\epsilon_r = 46.205$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.28, 4.28, 4.28); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.24 W/kg

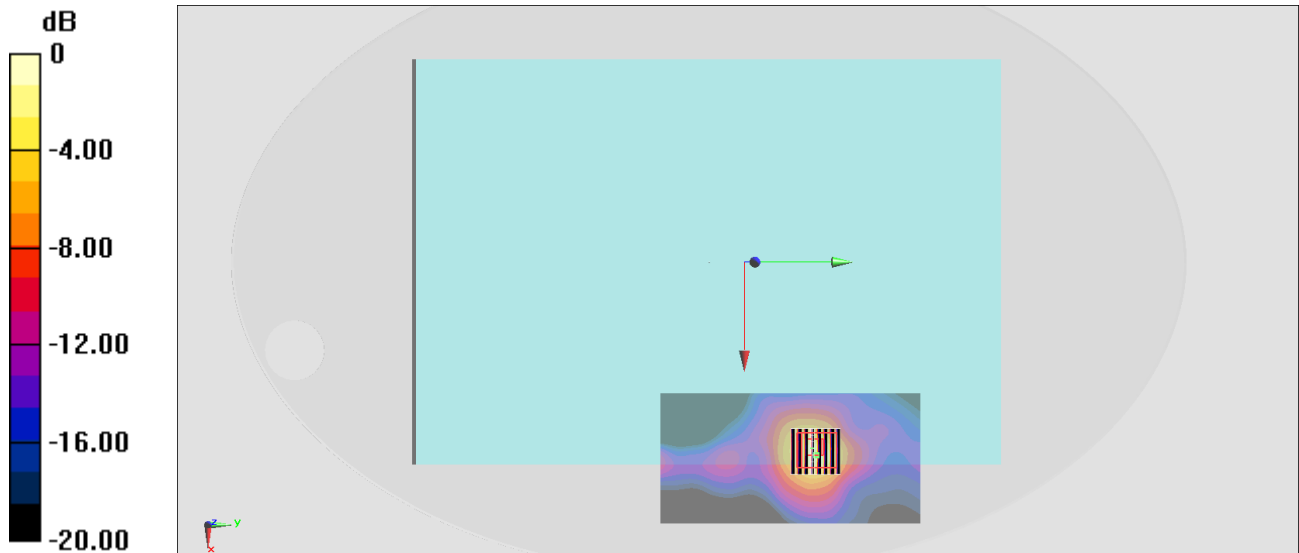
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 17.11 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.70 W/kg

SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch165

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.063

Medium: MSL_5G_180901 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.252$ S/m; $\epsilon_r = 45.822$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.46, 4.46, 4.46); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x131x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

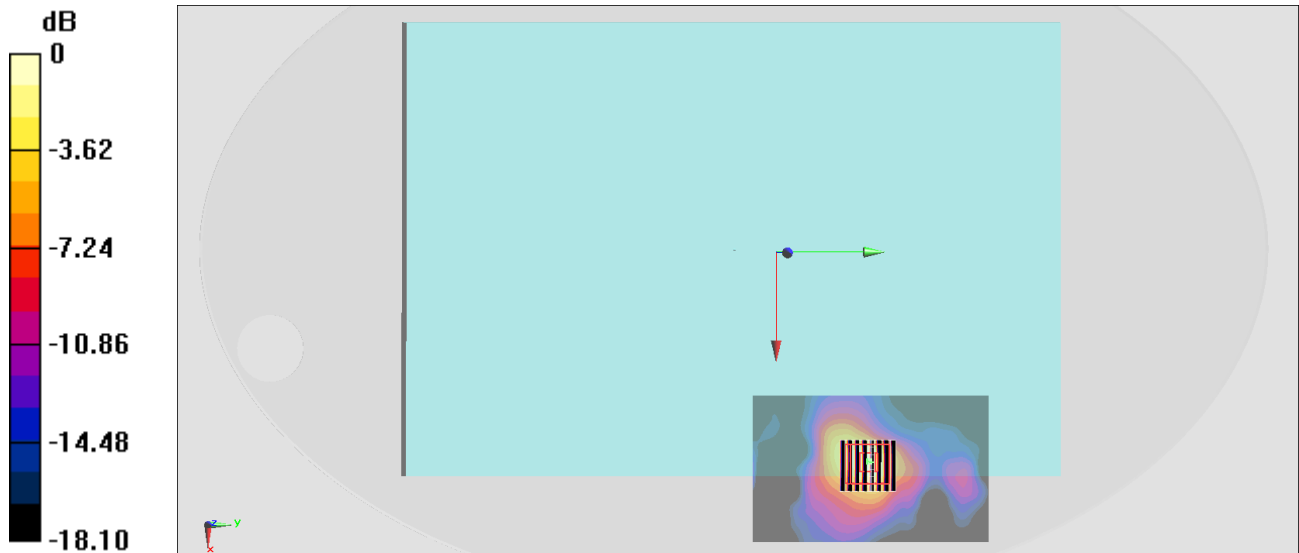
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 17.68 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 1.67 W/kg



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

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch00

Communication System: Bluetooth ; Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: MSL_2450_180901 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.872$ S/m; $\epsilon_r = 52.946$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.8, 7.8, 7.8); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0191 W/kg

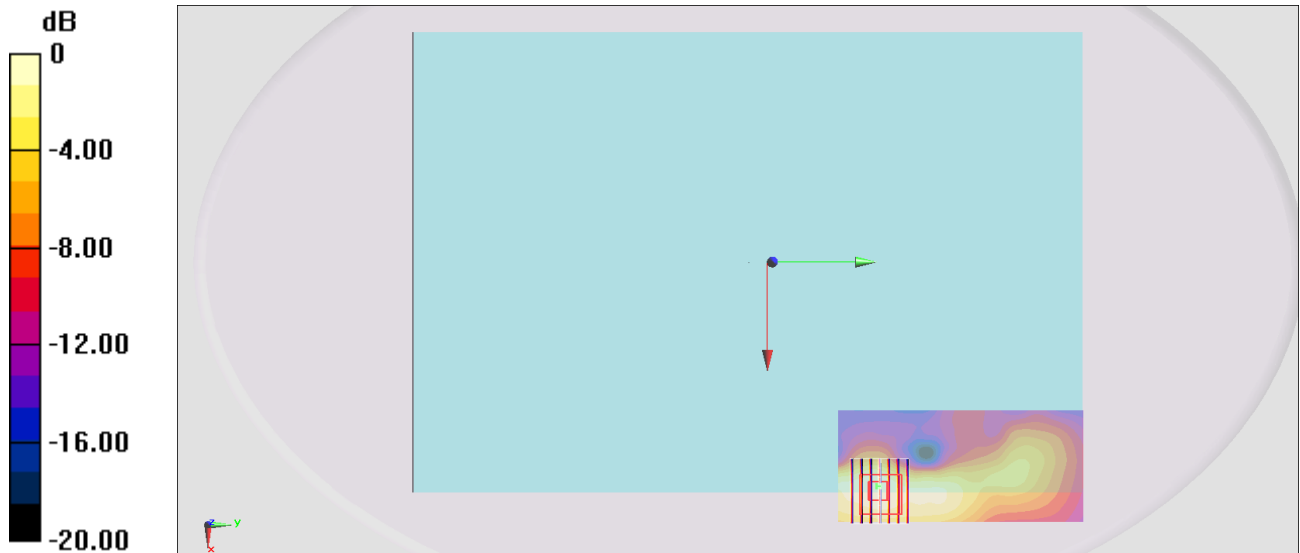
Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.942 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.00653 W/kg; SAR(10 g) = 0.00271 W/kg

Maximum value of SAR (measured) = 0.00742 W/kg



0 dB = 0.00742 W/kg = -21.30 dBW/kg