

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.010

Medium: MSL_2450_181212 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.984$ S/m; $\epsilon_r = 52.446$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.63, 7.63, 7.63) ; Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.784 W/kg

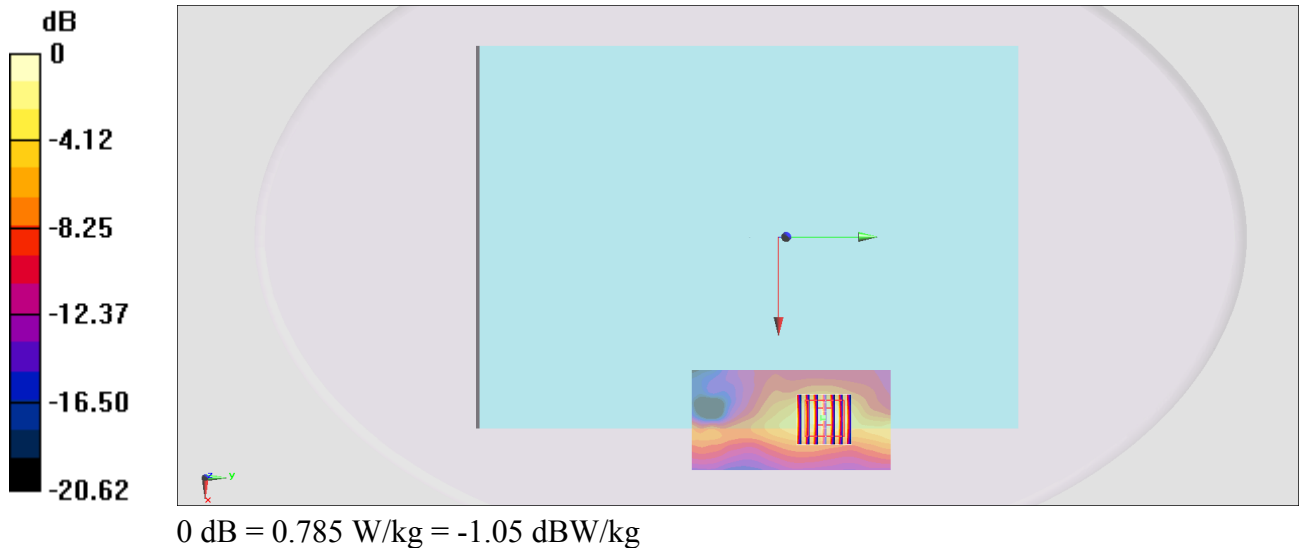
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.97 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (measured) = 0.785 W/kg



#02_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch56

Communication System: 802.11a ; Frequency: 5280 MHz; Duty Cycle: 1:1.032

Medium: MSL_5G_181211 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.193$ S/m; $\epsilon_r = 49.923$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.87, 3.87, 3.87); Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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

Maximum value of SAR (interpolated) = 1.31 W/kg

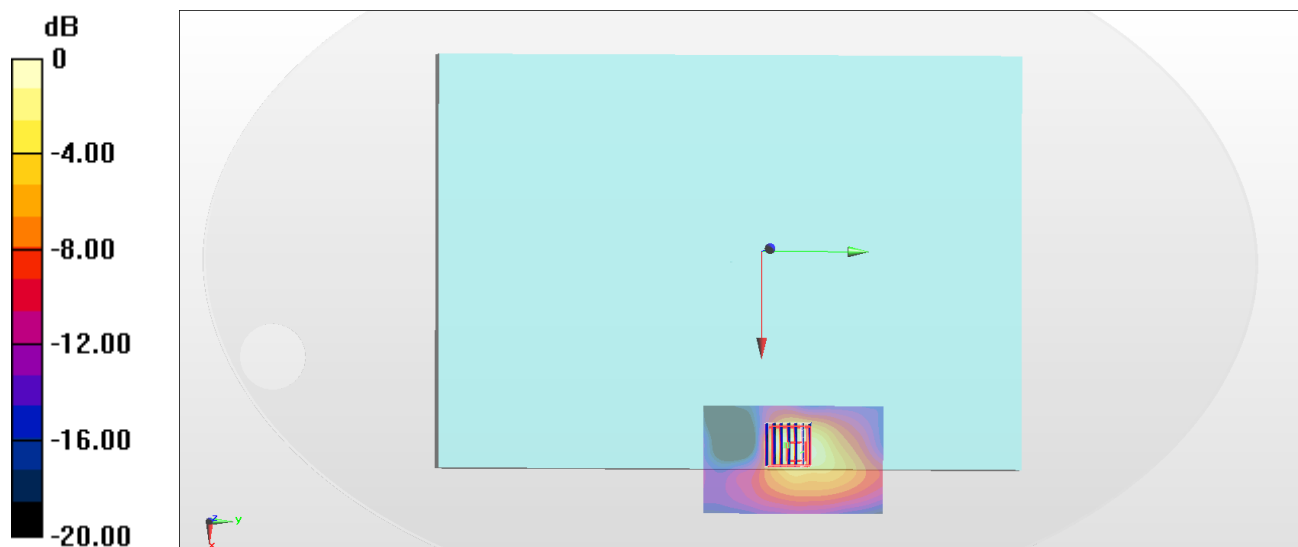
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 9.690 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch116

Communication System: 802.11a ; Frequency: 5580 MHz; Duty Cycle: 1:1.032

Medium: MSL_5G_181211 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.599$ S/m; $\epsilon_r = 49.441$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.38, 3.38, 3.38); Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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

Maximum value of SAR (interpolated) = 0.834 W/kg

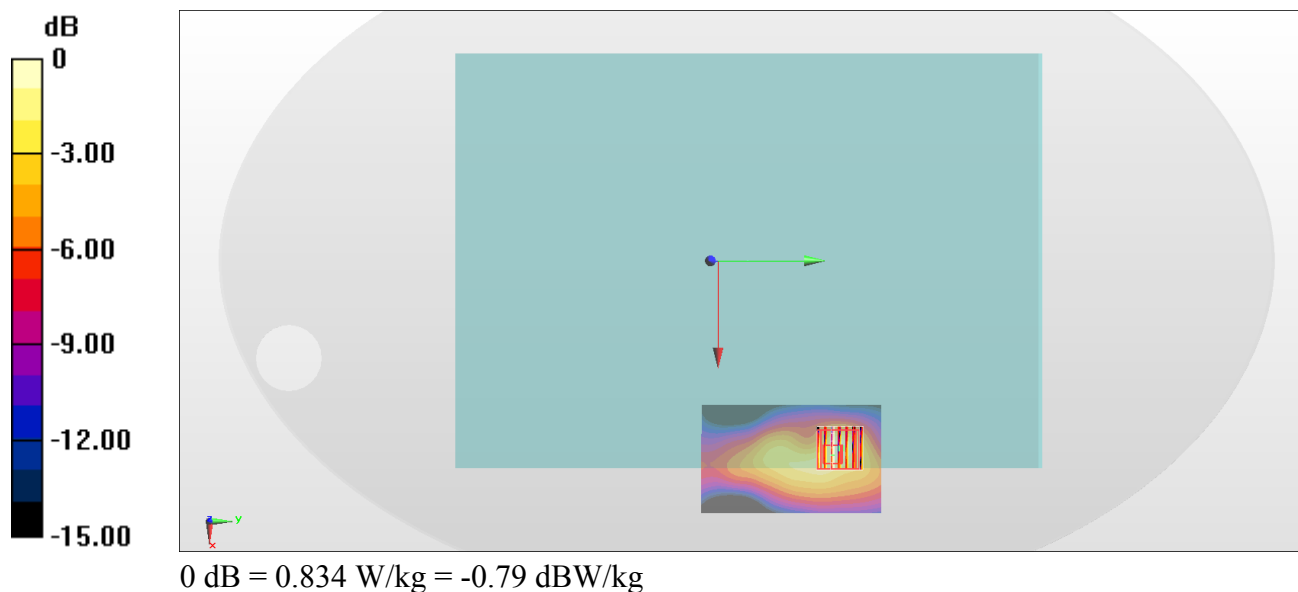
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 9.734 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



#04_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch149

Communication System: 802.11a ; Frequency: 5745 MHz;Duty Cycle: 1:1.032

Medium: MSL_5G_181211 Medium parameters used : $f = 5745$ MHz; $\sigma = 5.832$ S/m; $\epsilon_r = 49.158$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.73, 3.73, 3.73); Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (0);SEMCAD X Version 14.6.10 (7417)

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

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

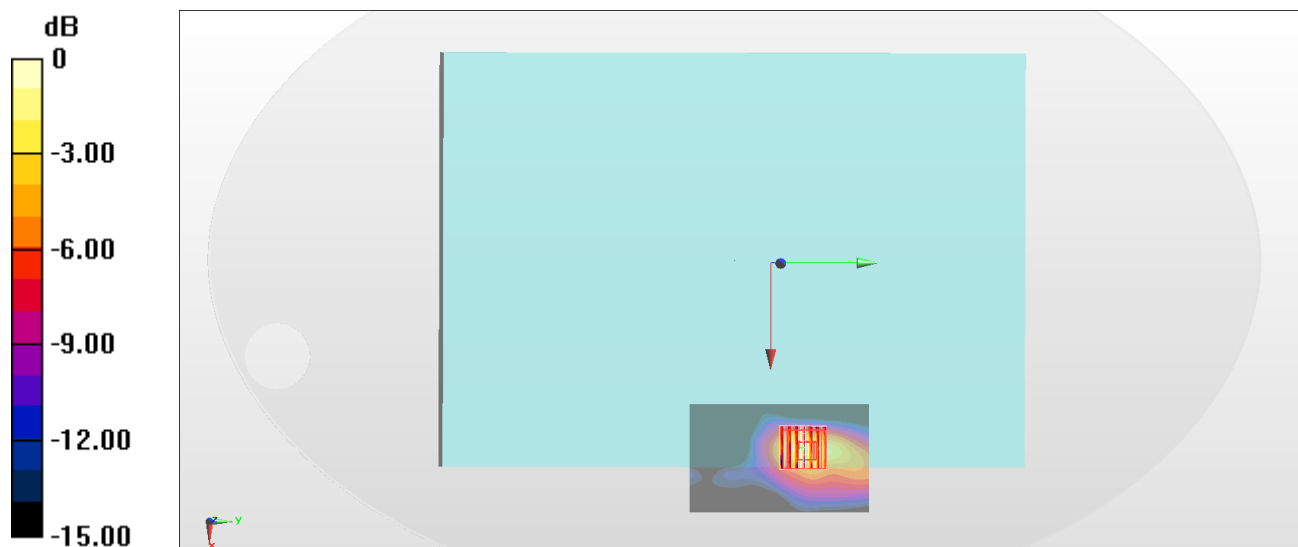
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 7.009 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: MSL_2450_181212 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.04$ S/m; $\epsilon_r = 52.283$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.63, 7.63, 7.63) ; Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0137 W/kg

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

Reference Value = 1.843 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0290 W/kg

SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00293 W/kg

Maximum value of SAR (measured) = 0.0201 W/kg

