

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

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: MSL_2450_180726 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.022$ S/m; $\epsilon_r = 53.516$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.69, 7.69, 7.69); Calibrated: 2017/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x111x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.634 W/kg

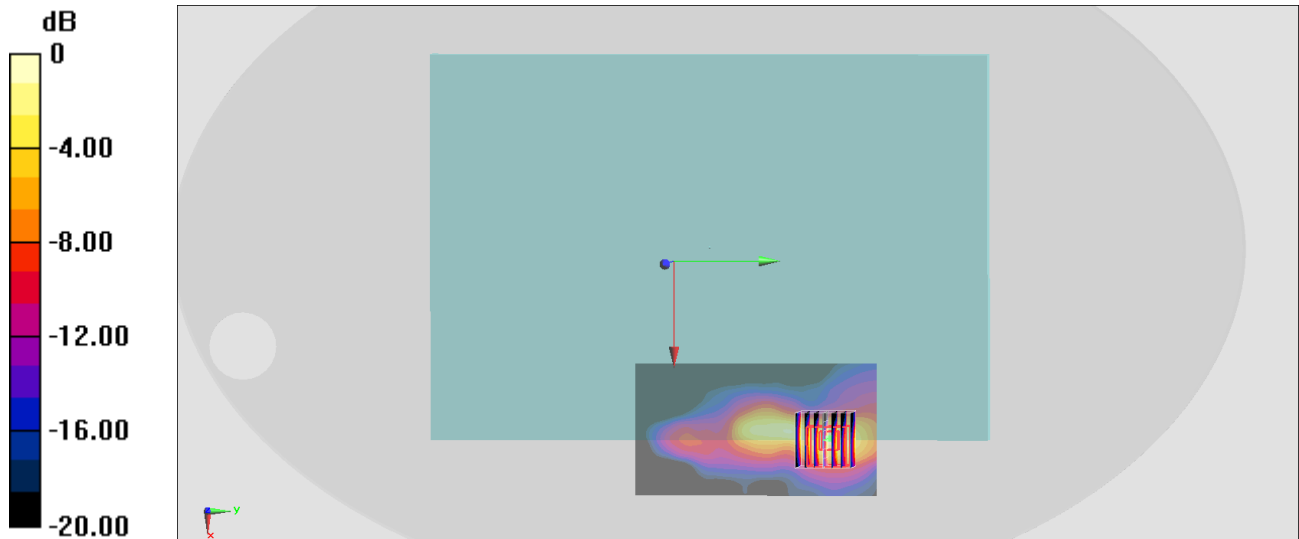
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.28 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 0.738 W/kg



0 dB = 0.738 W/kg = -1.32 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch52

Communication System: 802.11a ; Frequency: 5260 MHz;Duty Cycle: 1:1.053

Medium: MSL_5G_180725 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.461$ S/m; $\epsilon_r = 48.969$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.7, 4.7, 4.7); Calibrated: 2017/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (51x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.752 W/kg

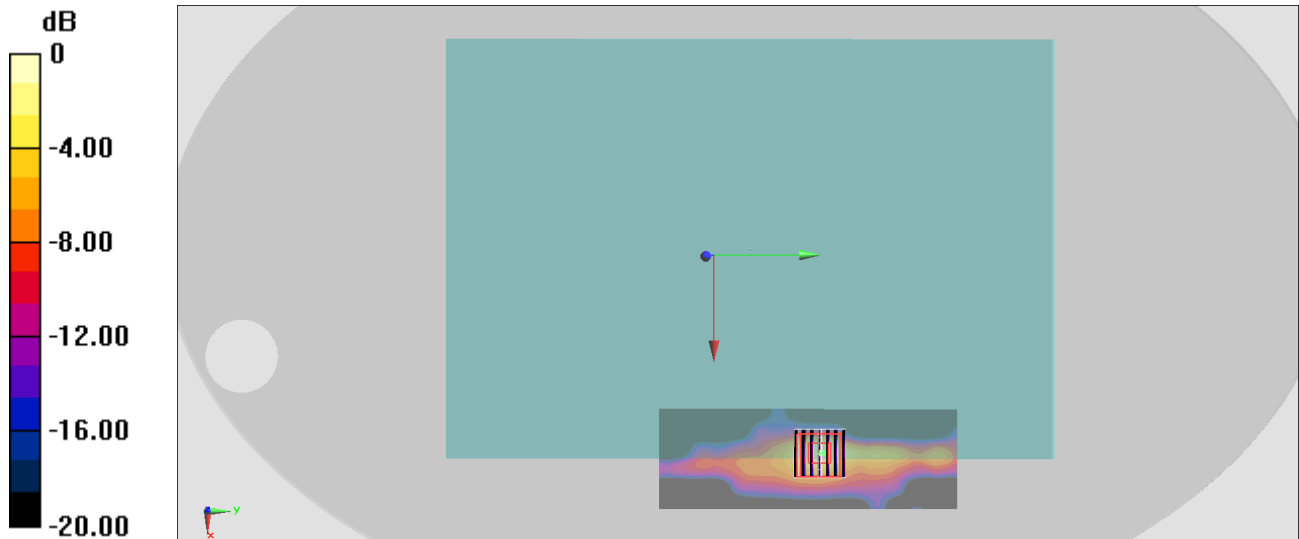
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.514 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.643 W/kg



0 dB = 0.643 W/kg = -1.92 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch132

Communication System: 802.11a ; Frequency: 5660 MHz; Duty Cycle: 1:1.053

Medium: MSL_5G_180725 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.972$ S/m; $\epsilon_r = 48.208$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.99, 3.99, 3.99); Calibrated: 2017/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x151x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.20 W/kg

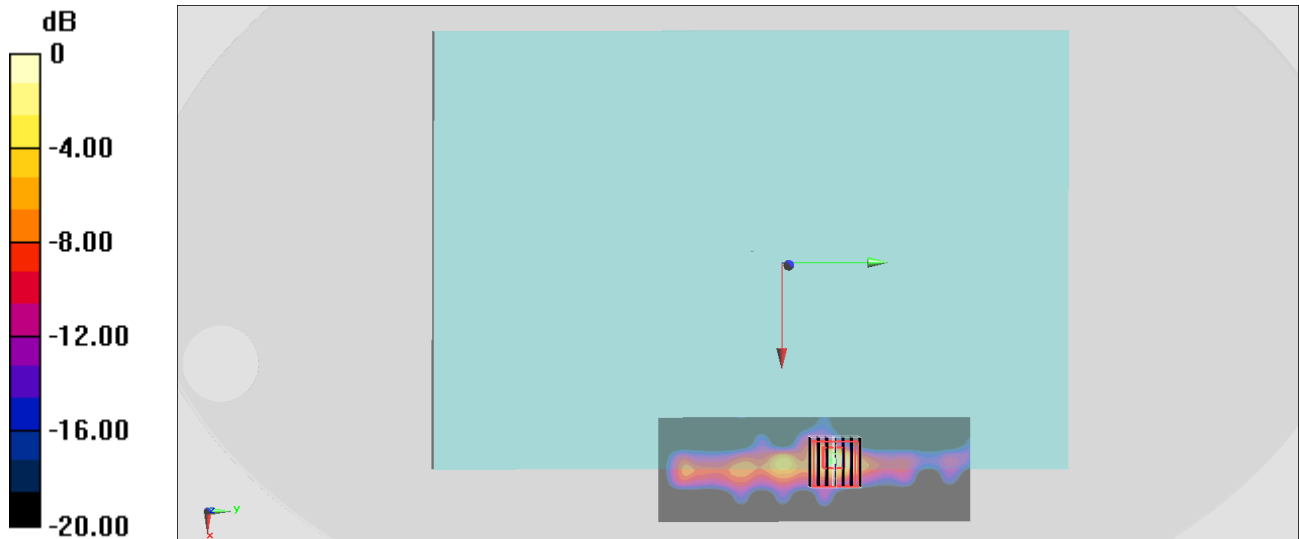
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.041 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch157

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.053

Medium: MSL_5G_180725 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.128$ S/m; $\epsilon_r = 47.991$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.32, 4.32, 4.32); Calibrated: 2017/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.91 W/kg

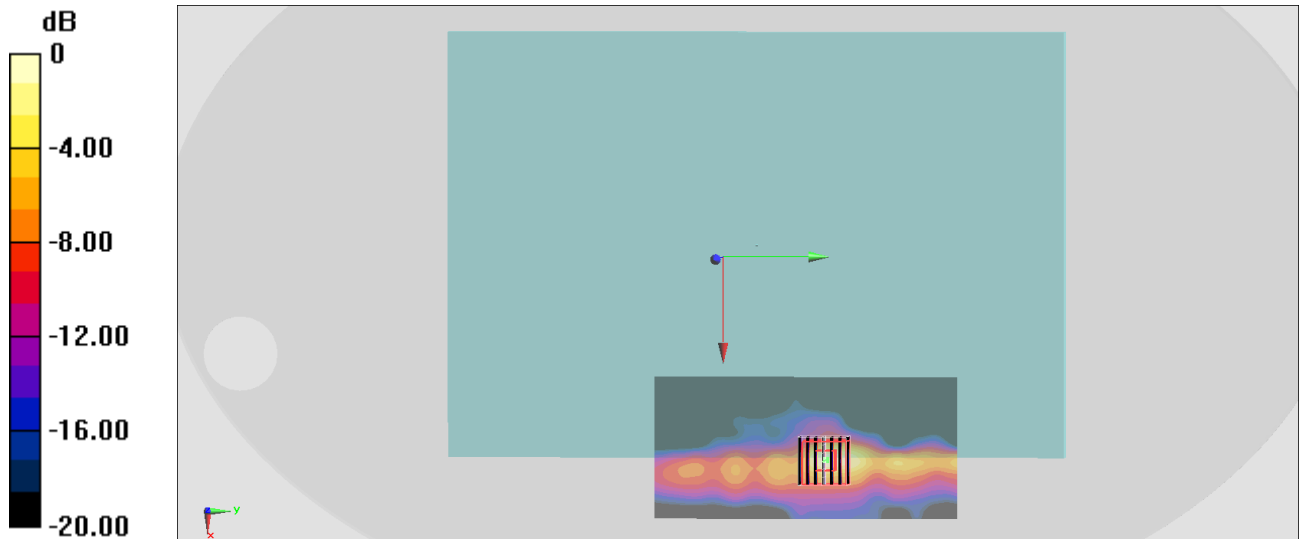
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.10 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.69 W/kg

SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.213 W/kg

Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 1.98 W/kg = 2.97 dBW/kg

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch0

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.305

Medium: MSL_2450_180726 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.946$ S/m; $\epsilon_r = 53.755$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.39, 4.39, 4.39); Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1164
- 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) = 0.0604 W/kg

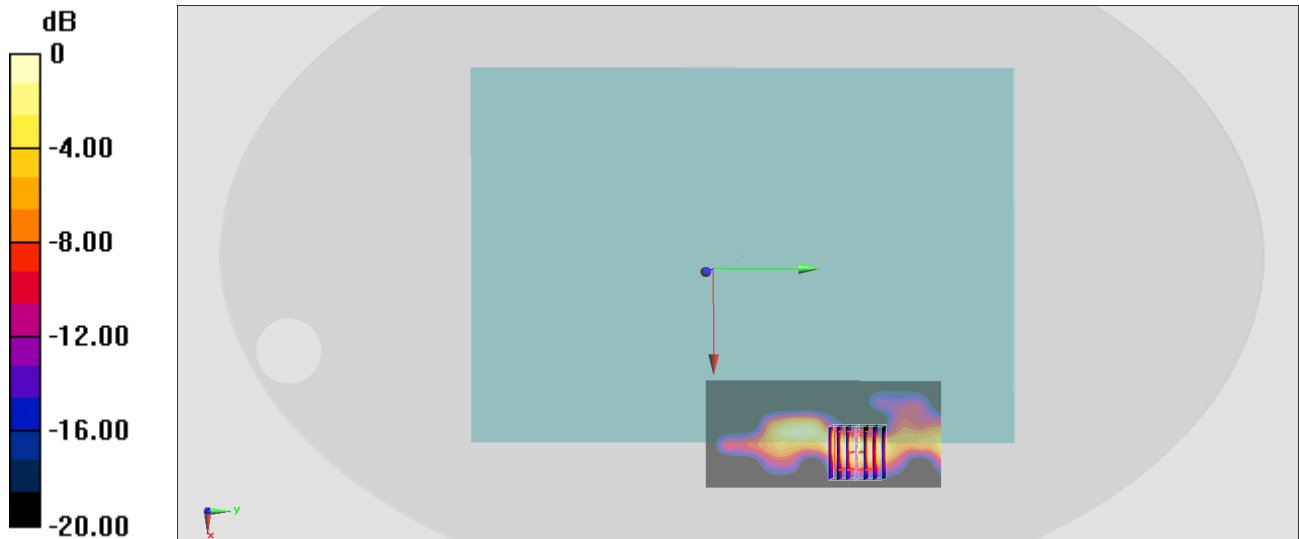
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.340 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0840 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0446 W/kg



0 dB = 0.0446 W/kg = -13.51 dBW/kg