

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

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.015

Medium: MSL_2450_160419 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.018$ S/m; $\epsilon_r = 53.903$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.29 W/kg

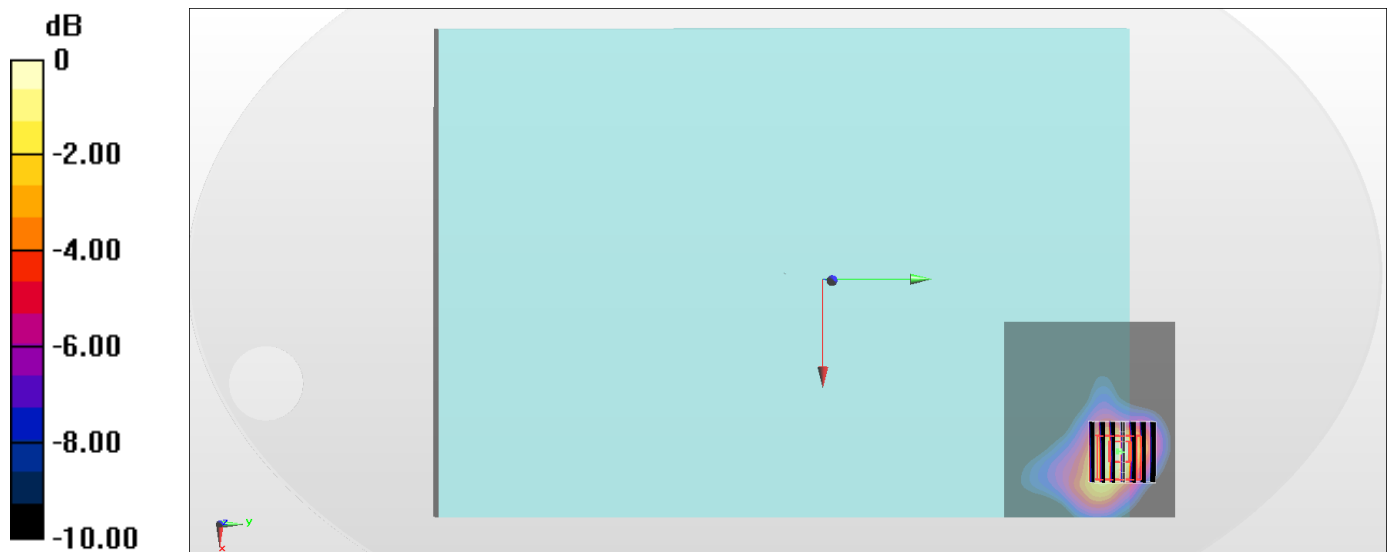
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.94 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.400 W/kg

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz; Duty Cycle: 1:1.053

Medium: MSL5G_160419 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.61$ S/m; $\epsilon_r = 46.724$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch60/Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.964 W/kg

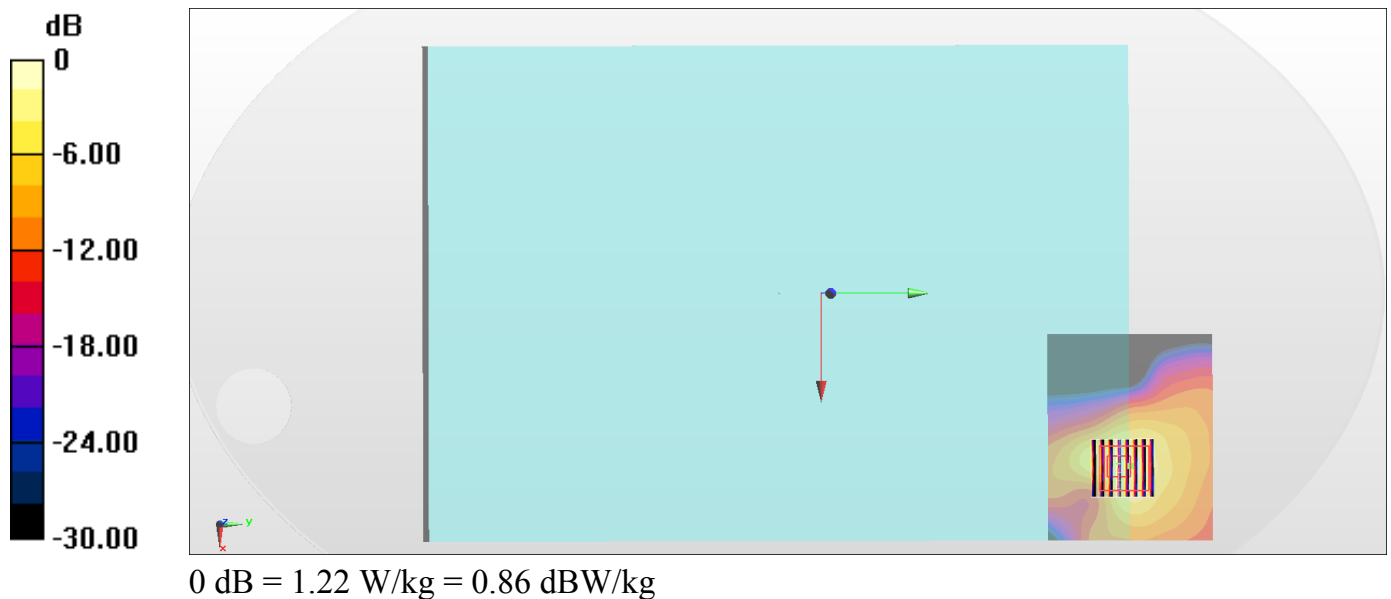
Configuration/Ch60/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.29 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 1.22 W/kg



#03_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch116

Communication System: 802.11a ; Frequency: 5580 MHz; Duty Cycle: 1:1.053

Medium: MSL5G_160419 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.972$ S/m; $\epsilon_r = 46.227$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(3.84, 3.84, 3.84); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch116/Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

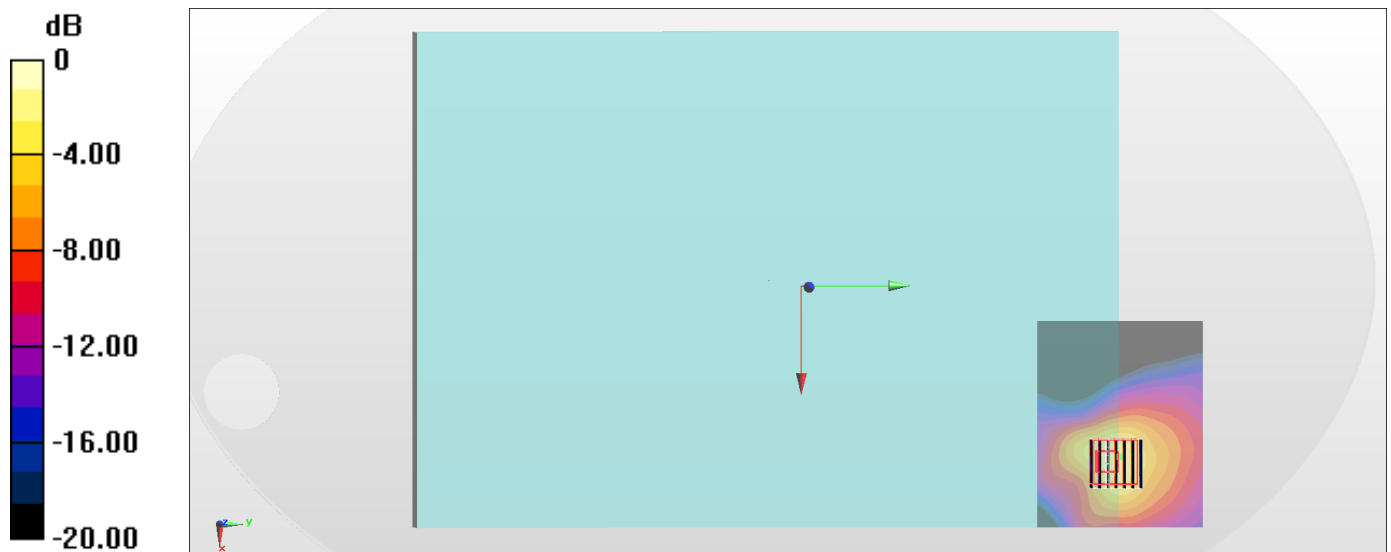
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.10 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.56 W/kg

SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 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: MSL5G_160419 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.248$ S/m; $\epsilon_r = 45.886$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(3.98, 3.98, 3.98); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch157/Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

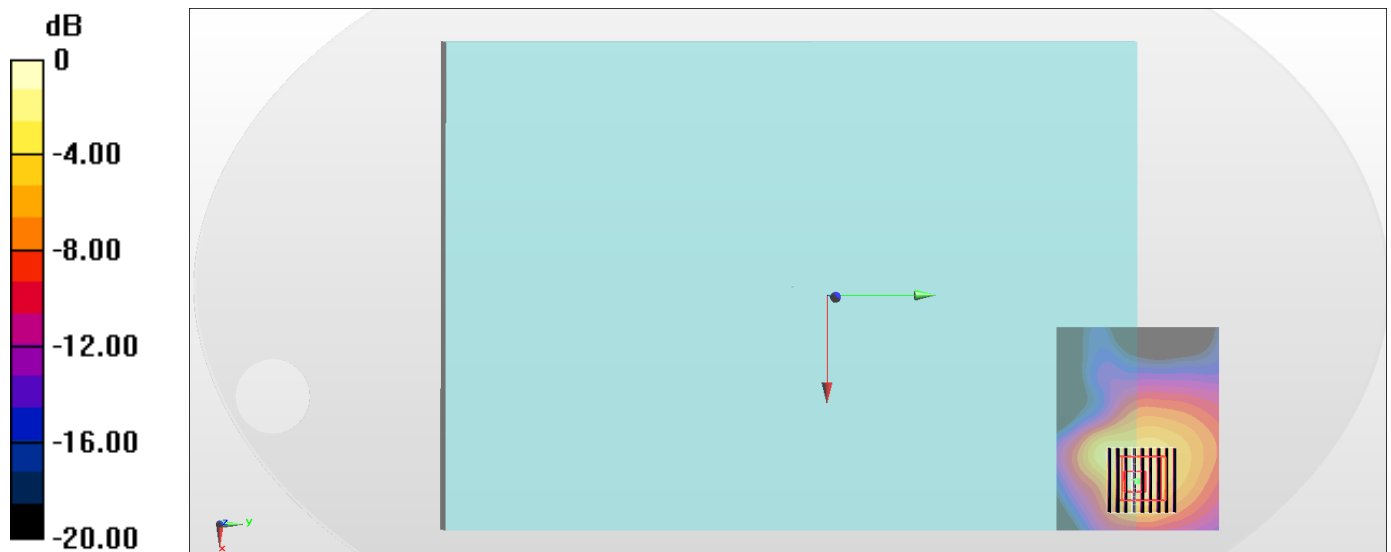
Configuration/Ch157/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.37 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch00

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.20

Medium: MSL_2450_160421 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 54.617$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch00/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0245 W/kg

Configuration/Ch00/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.980 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0110 W/kg

SAR(1 g) = 0.00456 W/kg; SAR(10 g) = 0.00136 W/kg

Maximum value of SAR (measured) = 0.00793 W/kg

