

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch1;Ant 1+2

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.032

Medium: HSL_2450_211212 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.775$ S/m; $\epsilon_r = 38.686$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.79, 7.79, 7.79) @ 2412 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x331x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.434 W/kg

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

Reference Value = 14.73 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.404 W/kg

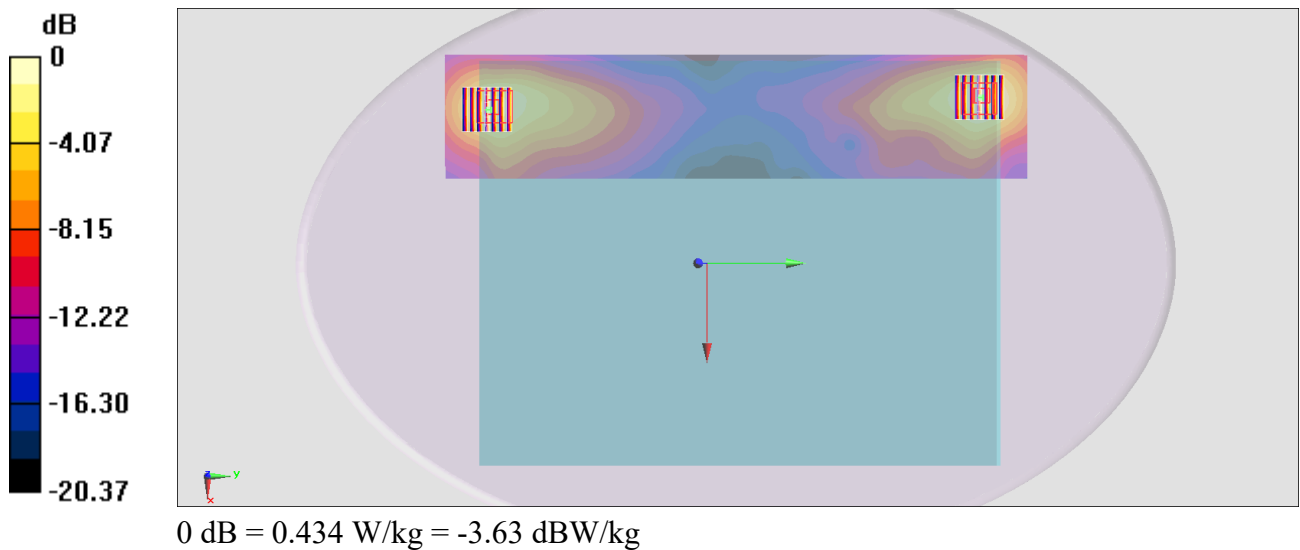
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.73 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.403 W/kg



#02_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch56;Ant 1+2

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.026

Medium: HSL_5G_211213 Medium parameters used: $f = 5280$ MHz; $\sigma = 4.704$ S/m; $\epsilon_r = 36.303$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.42, 5.42, 5.42) @ 5280 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x401x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.590 W/kg

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

Reference Value = 12.57 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.964 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.603 W/kg

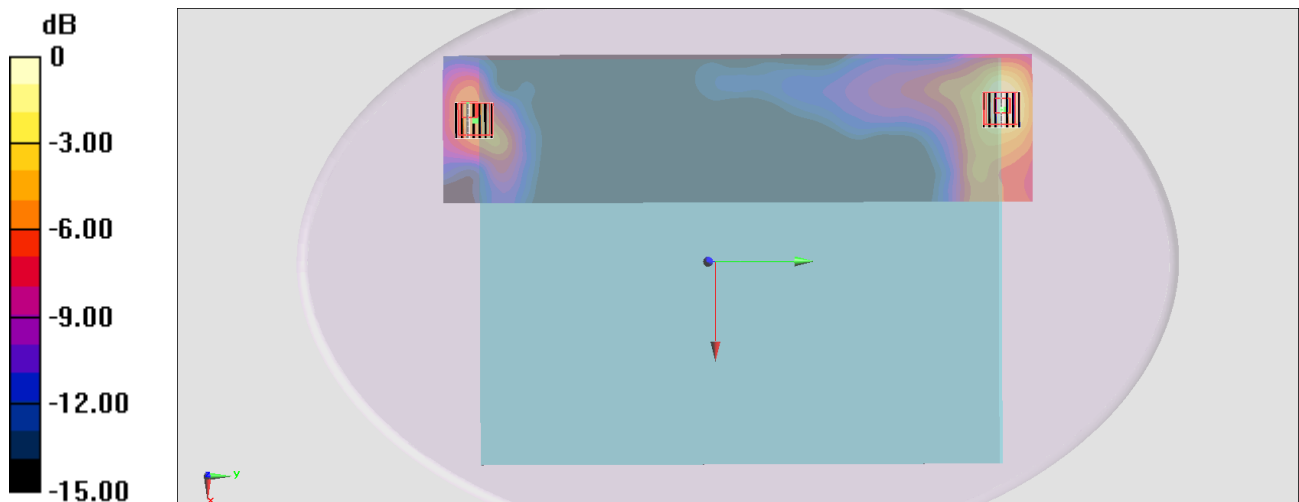
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 12.57 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.590 W/kg = -2.29 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch132;Ant 1+2

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.026

Medium: HSL_5G_211213 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.027$ S/m; $\epsilon_r = 35.961$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.98, 4.98, 4.98) @ 5660 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x401x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.579 W/kg

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

Reference Value = 11.76 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.692 W/kg

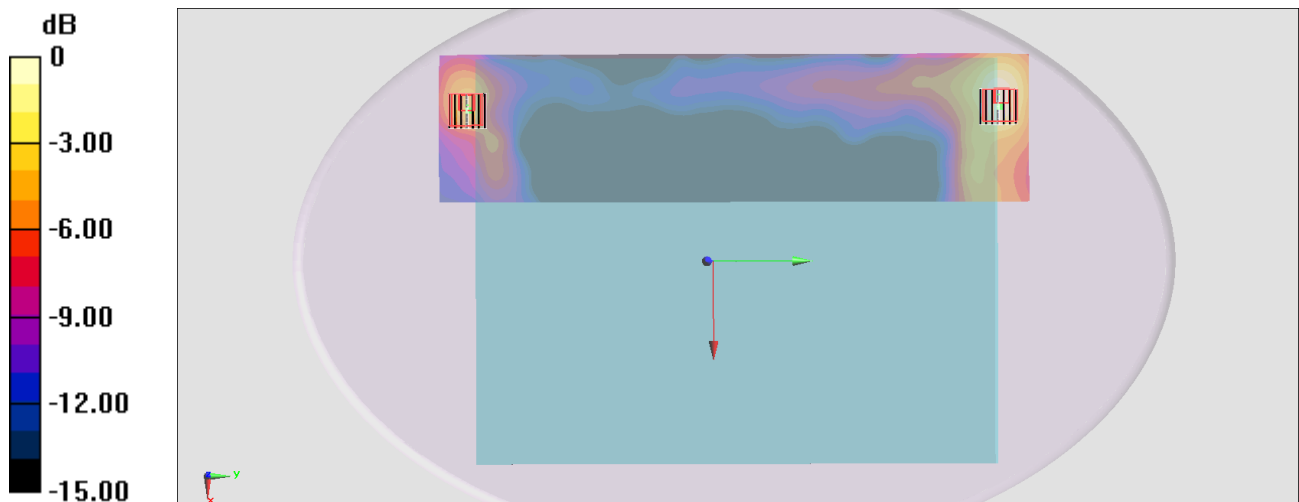
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 11.76 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.527 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.579 W/kg = -2.37 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch165;Ant 1+2

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.026

Medium: HSL_5G_211213 Medium parameters used : $f = 5825$ MHz; $\sigma = 5.217$ S/m; $\epsilon_r = 35.656$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.85, 4.85, 4.85) @ 5825 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x401x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.828 W/kg

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

Reference Value = 13.60 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.142 W/kg

Maximum value of SAR (measured) = 1.06 W/kg

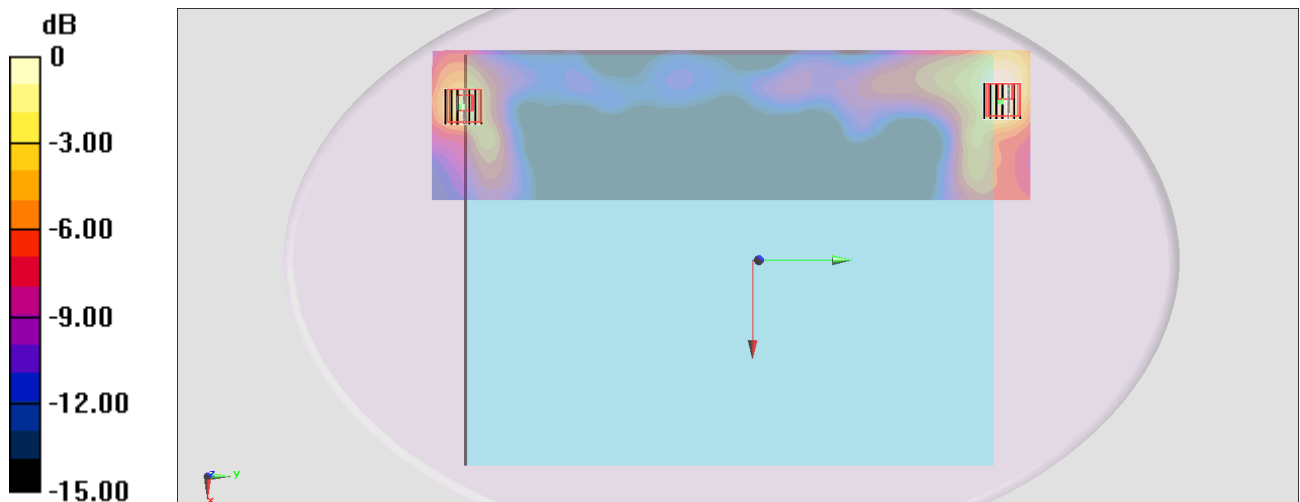
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.60 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.600 W/kg



0 dB = 0.828 W/kg = -0.82 dBW/kg

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch0;Ant 2

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.301

Medium: HSL_2450_211212 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.767$ S/m; $\epsilon_r = 38.782$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.79, 7.79, 7.79) @ 2402 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0417 W/kg

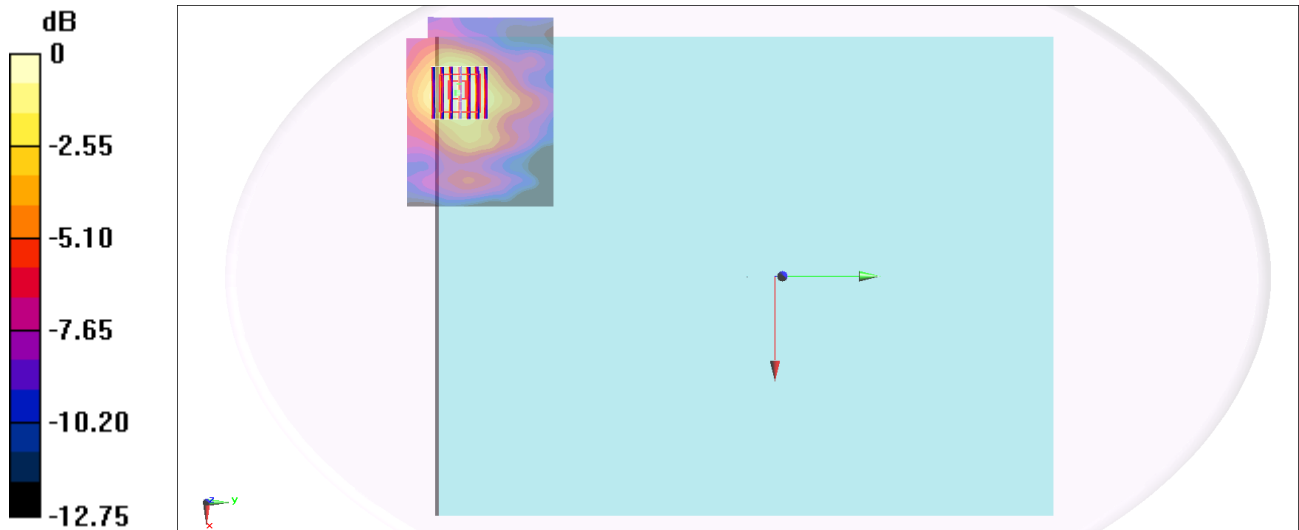
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.438 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0430 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0349 W/kg



0 dB = 0.0349 W/kg = -14.57 dBW/kg