

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 3_0mm_Ch6;Ant 1

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.015

Medium: MSL_2450_181201 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 53.507$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °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 (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.14 W/kg

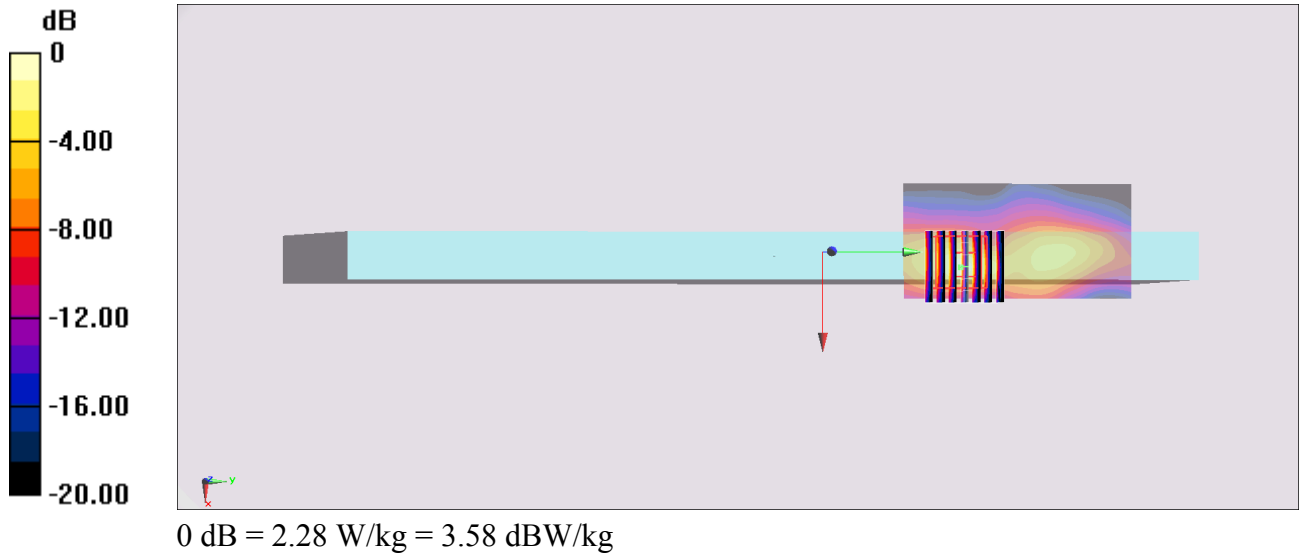
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.89 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.55 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.410 W/kg

Maximum value of SAR (measured) = 2.28 W/kg



#02_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch42;Ant 2

Communication System: 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1.1

Medium: MSL_5G_181202 Medium parameters used: $f = 5210$ MHz; $\sigma = 5.391$ S/m; $\epsilon_r = 46.933$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.44, 4.44, 4.44) ; Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.84 W/kg

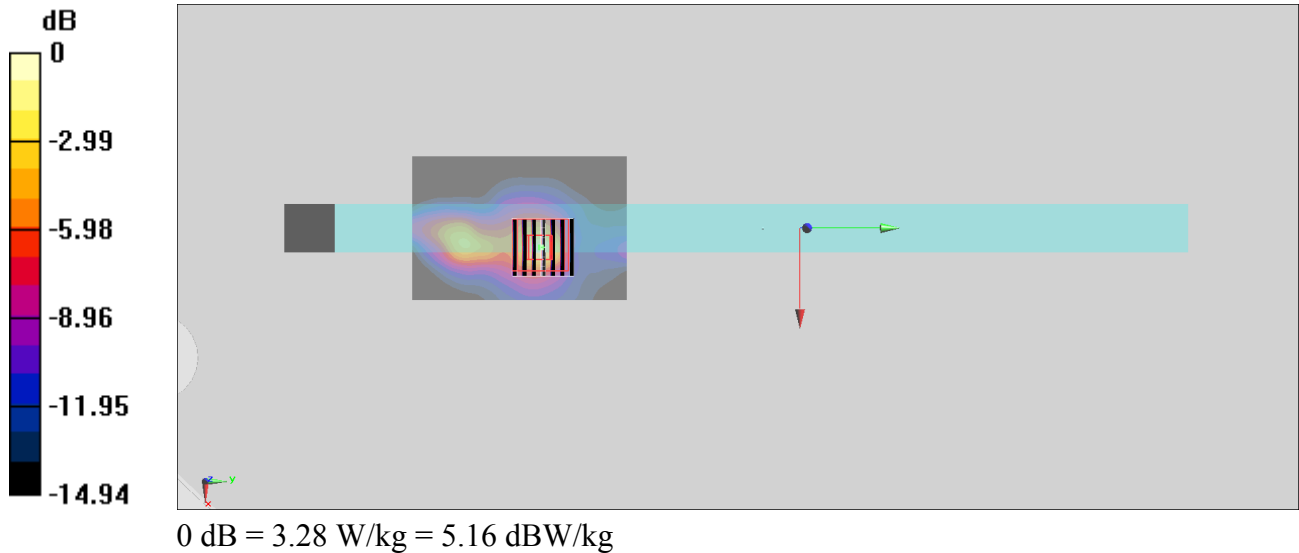
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.05 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 5.59 W/kg

SAR(1 g) = 1.20 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 3.28 W/kg



#03_WLAN5GHz_802.11n-HT40 MCS0_Edge 3_0mm_Ch54;Ant 2

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.05

Medium: MSL_5G_181202 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.466$ S/m; $\epsilon_r = 46.827$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.44, 4.44, 4.44) ; Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 3.10 W/kg

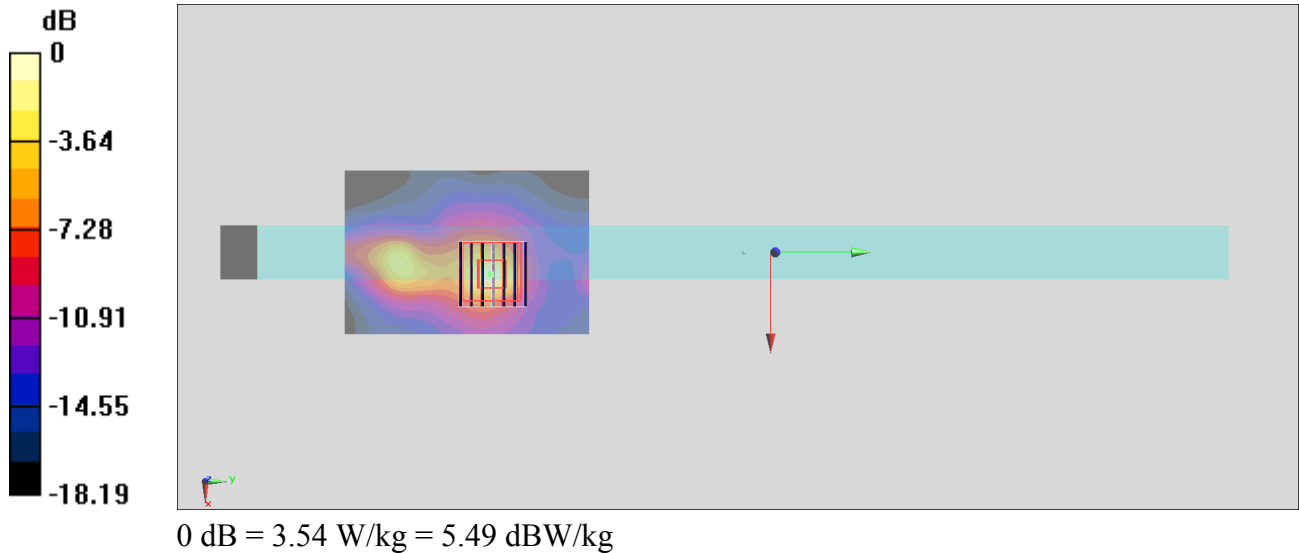
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 23.95 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 6.92 W/kg

SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.389 W/kg

Maximum value of SAR (measured) = 3.54 W/kg



#04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch122;Ant 2

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.1

Medium: MSL_5G_181202 Medium parameters used: $f = 5610$ MHz; $\sigma = 5.906$ S/m; $\epsilon_r = 46.247$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.08, 4.08, 4.08) ; Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.78 W/kg

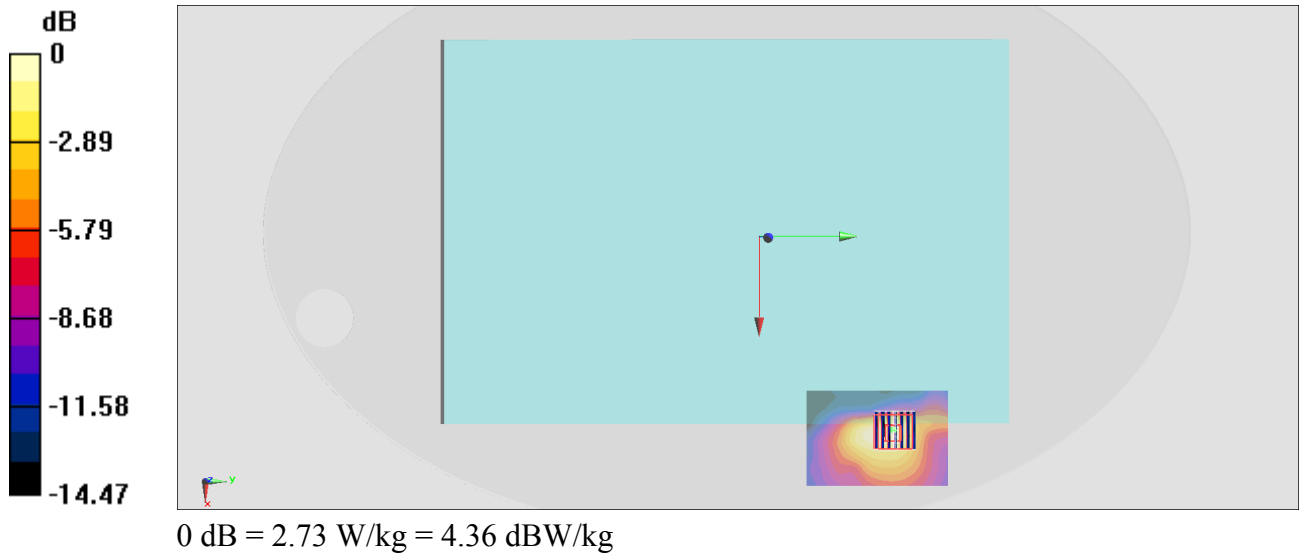
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.16 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 4.30 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.549 W/kg

Maximum value of SAR (measured) = 2.73 W/kg



#05_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.1

Medium: MSL_5G_181202 Medium parameters used: $f = 5775$ MHz; $\sigma = 6.13$ S/m; $\epsilon_r = 45.995$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.17, 4.17, 4.17) ; Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.39 W/kg

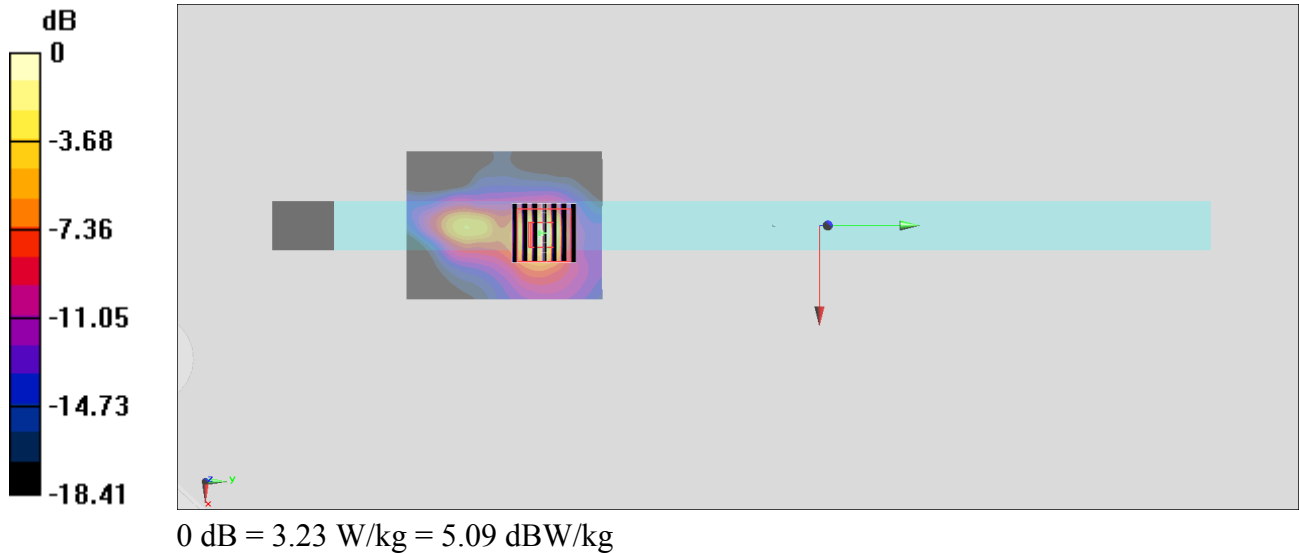
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 26.09 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 15.7 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.309 W/kg

Maximum value of SAR (measured) = 3.23 W/kg



#06_Bluetooth_1Mbps_Edge 3_0mm_Ch78;Ant 2

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.301

Medium: MSL_2450_181201 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.021$ S/m; $\epsilon_r = 53.317$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °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 (41x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.151 W/kg

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

Reference Value = 7.805 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.153 W/kg

