

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 3_0mm_Ch6;Ant 1+2

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.003

Medium: HSL_2450_220116 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.803$ S/m; $\epsilon_r = 40.089$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.34, 7.34, 7.34) @ 2437 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn528; Calibrated: 2021/7/26
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x201x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.661 W/kg

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

Reference Value = 13.34 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.788 W/kg

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.550 W/kg

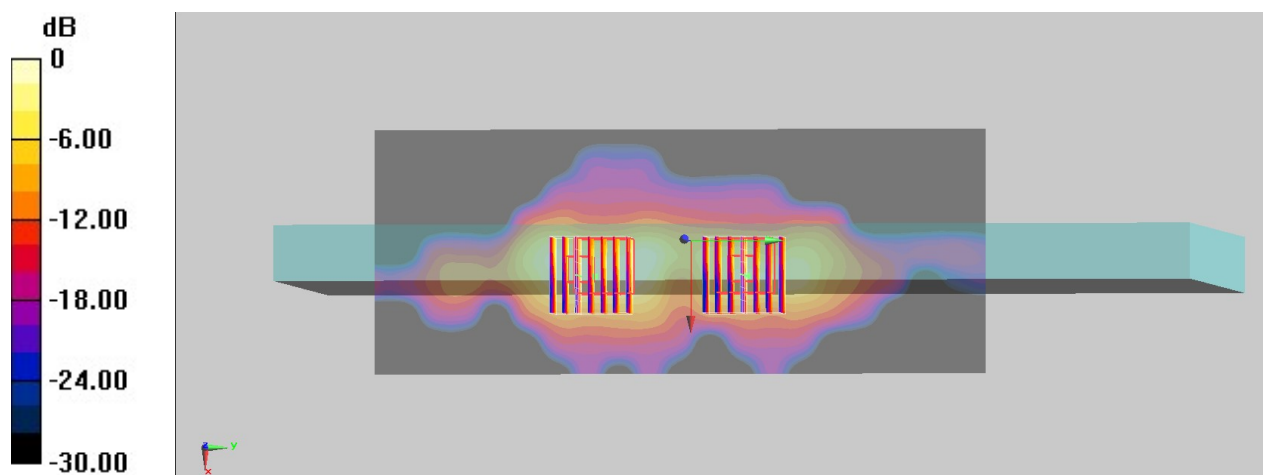
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.34 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.525 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.550 W/kg = -2.60 dBW/kg

#02_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch58;Ant 1+2

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.142

Medium: HSL_5G_220116 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.594$ S/m; $\epsilon_r = 36.438$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.33, 5.33, 5.33) @ 5290 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x241x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.512 W/kg

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

Reference Value = 8.447 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 1.49 W/kg

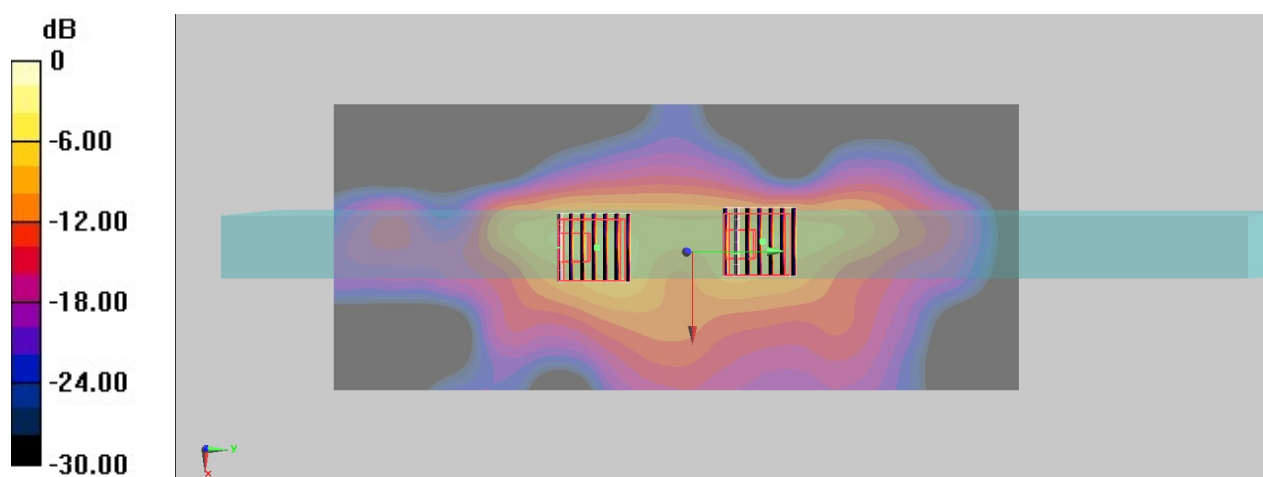
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.447 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch106;Ant 1+2

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.142

Medium: HSL_5G_220116 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.824$ S/m; $\epsilon_r = 36.116$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.66, 4.66, 4.66) @ 5530 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x241x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.592 W/kg

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

Reference Value = 9.025 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.09 W/kg

SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 1.79 W/kg

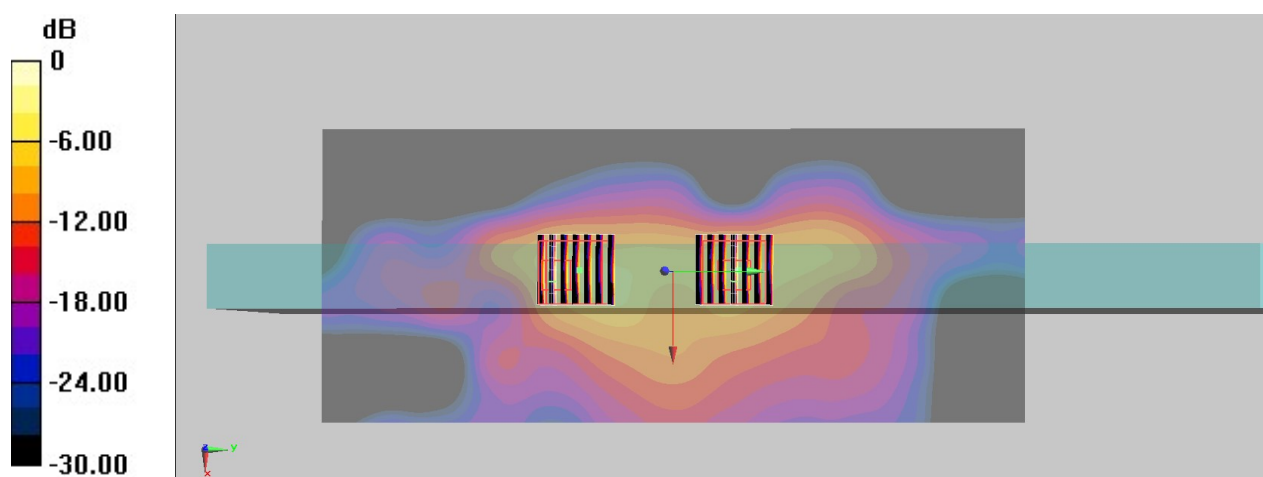
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 9.025 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



#04_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch155;Ant 1+2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.142

Medium: HSL_5G_220116 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.088$ S/m; $\epsilon_r = 35.807$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.95, 4.95, 4.95) @ 5775 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x241x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.800 W/kg

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

Reference Value = 7.072 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.94 W/kg

SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 1.64 W/kg

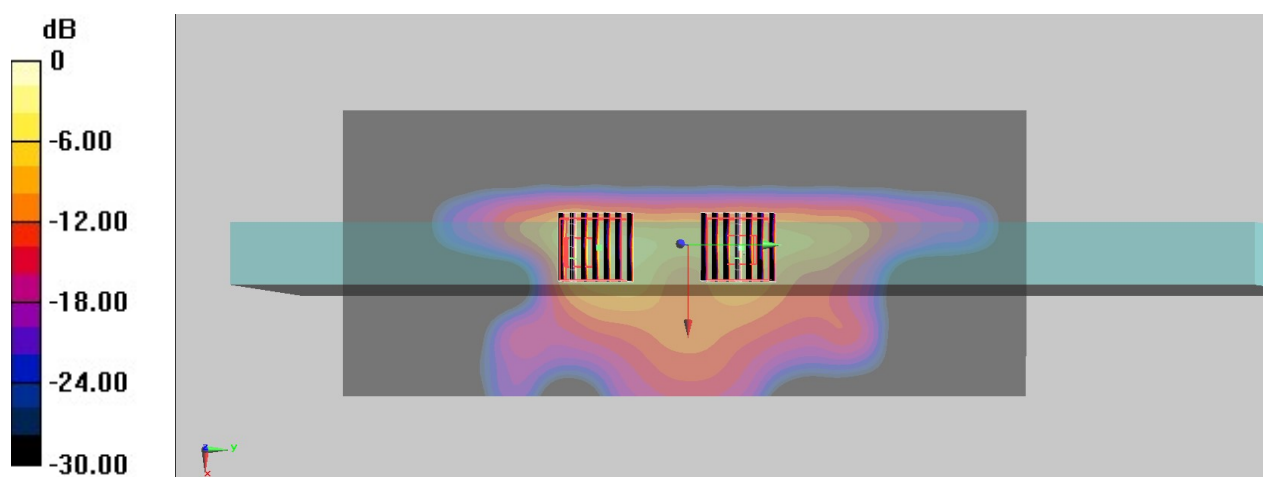
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 7.072 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.980 W/kg



0 dB = 1.64 W/kg = 2.15 dBW/kg

#05_Bluetooth_1Mbps_Edge 3_0mm_Ch39;Ant 1

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL_2450_220120 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 39.659$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.52, 7.52, 7.52) @ 2441 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2021/11/22
- Phantom: ELI V1.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1127
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x201x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0805 W/kg

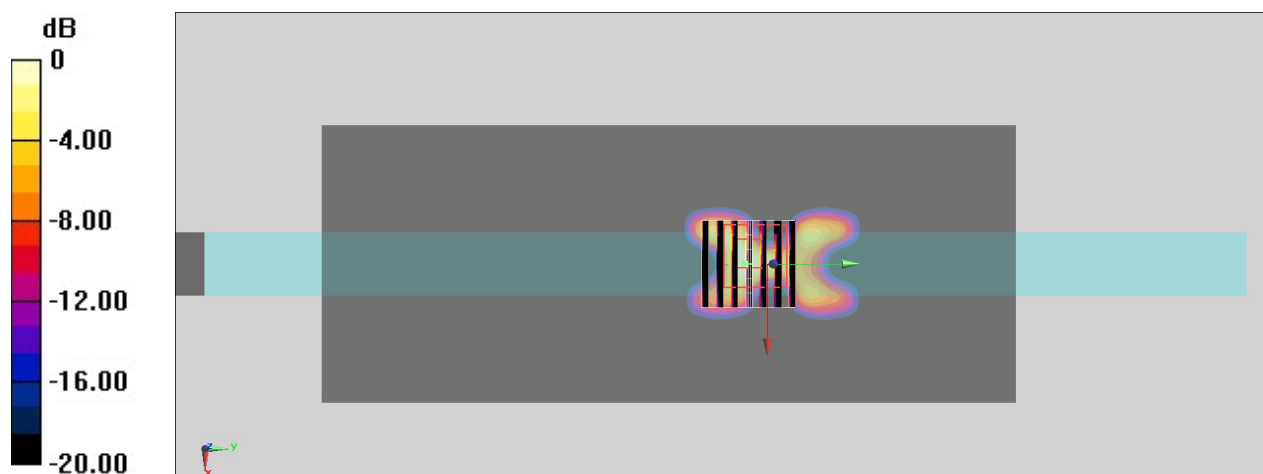
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.239 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.00995 W/kg

Maximum value of SAR (measured) = 0.0751 W/kg



0 dB = 0.0751 W/kg = -11.24 dBW/kg