

Date: 2024-12-07

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom Side_0mm_Ch6

Communication System: 802.11b; Frequency: 2437.000 MHz

Medium: HSL_2450_241207 Medium parameters used: $f = 2437.000$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 39.2$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.76, 7.16); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10515-AAA

Area Scan (80.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.444 W/kg; SAR (10g) = 0.221 W/kg;

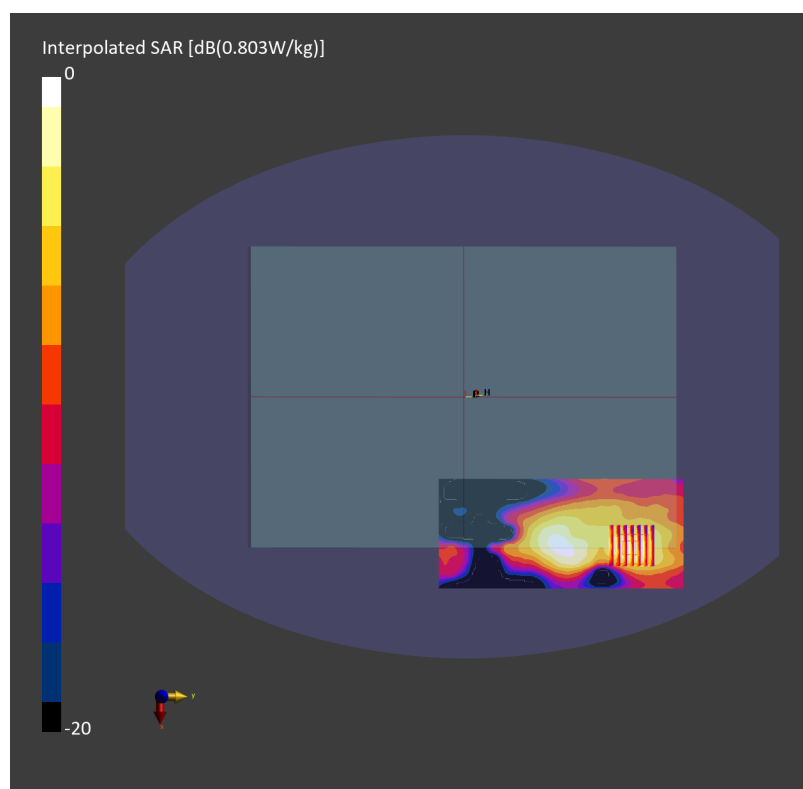
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.08 dB

SAR (1g) = 0.442 W/kg; SAR (8g) = 0.250 W/kg; SAR (10g) = 0.231 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 83.7 %



Date: 2024-12-05

#02_WLAN5GHz_802.11n-HT40 MCS0_Bottom Side_0mm_Ch54

Communication System: 802.11n; Frequency: 5270.000 MHz

Medium: HSL_5G_241205 Medium parameters used: $f = 5270.000$ MHz; $\sigma = 4.63$ S/m; $\epsilon_r = 36.7$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.28, 5.18, 5.48); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10114-CAE

Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.353 W/kg; SAR (10g) = 0.124 W/kg;

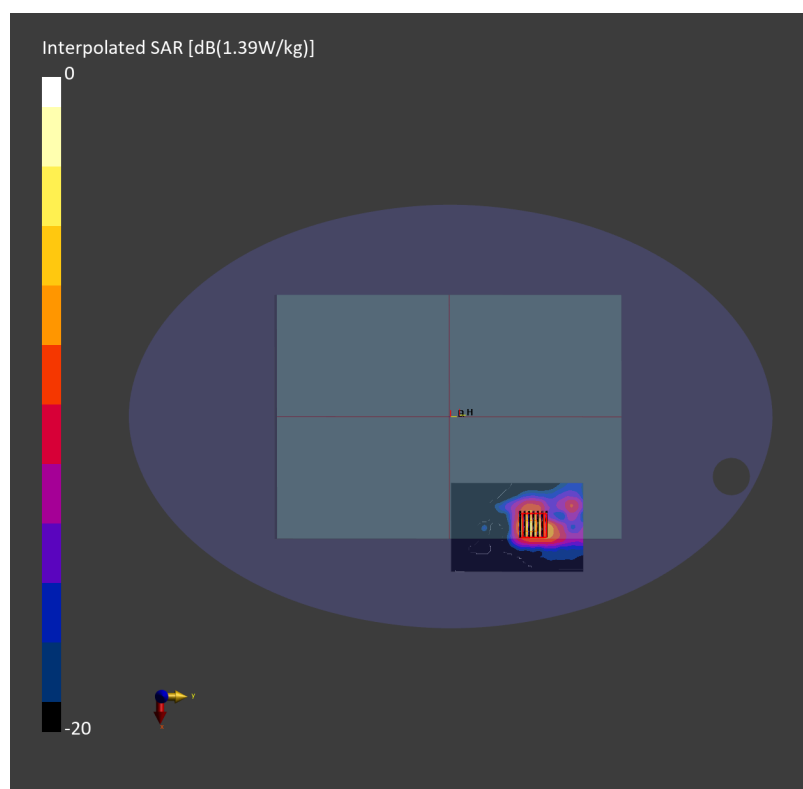
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.12 dB

SAR (1g) = 0.355 W/kg; SAR (8g) = 0.131 W/kg; SAR (10g) = 0.115 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 65.3 %



Date: 2024-12-05

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Side_0mm_Ch138

Communication System: 802.11ac; Frequency: 5690.000 MHz

Medium: HSL_5G_241205 Medium parameters used: $f = 5690.000$ MHz; $\sigma = 5.12$ S/m; $\epsilon_r = 36.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(4.77, 4.68, 4.95); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10402-AAF

Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.459 W/kg; SAR (10g) = 0.158 W/kg;

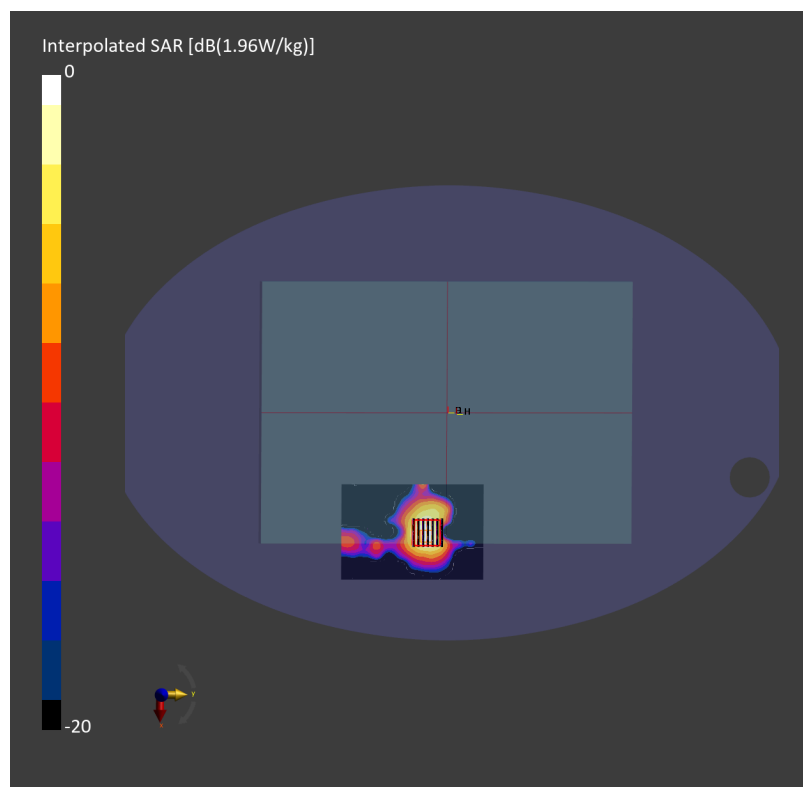
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.12 dB

SAR (1g) = 0.461 W/kg; SAR (8g) = 0.169 W/kg; SAR (10g) = 0.148 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.0 %



Date: 2024-12-06

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Side_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775.000 MHz

Medium: HSL_5G_241206 Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.21$ S/m; $\epsilon_r = 35.8$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(4.8, 4.71, 4.99); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (100.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.518 W/kg; SAR (10g) = 0.185 W/kg;

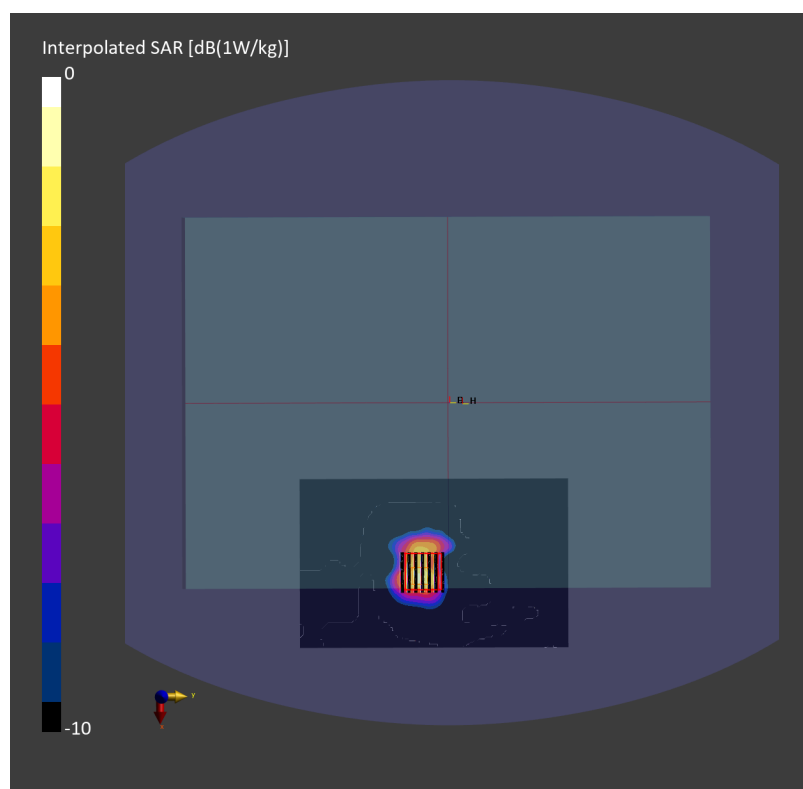
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.03 dB

SAR (1g) = 0.536 W/kg; SAR (8g) = 0.200 W/kg; SAR (10g) = 0.177 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 62.4 %



Date: 2024-12-06

#05_WLAN6GHz_802.11ac-VHT160 MCS0_Bottom Side_0mm_Ch47

Communication System: 802.11ac; Frequency: 6185.000 MHz

Medium: HSL_6G_241206 Medium parameters used: $f = 6185.000$ MHz; $\sigma = 5.77$ S/m; $\epsilon_r = 36.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.09, 4.99, 5.29); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10554-AAE

Area Scan (85.0 mm x 136.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.405 W/kg; SAR (10g) = 0.140 W/kg;

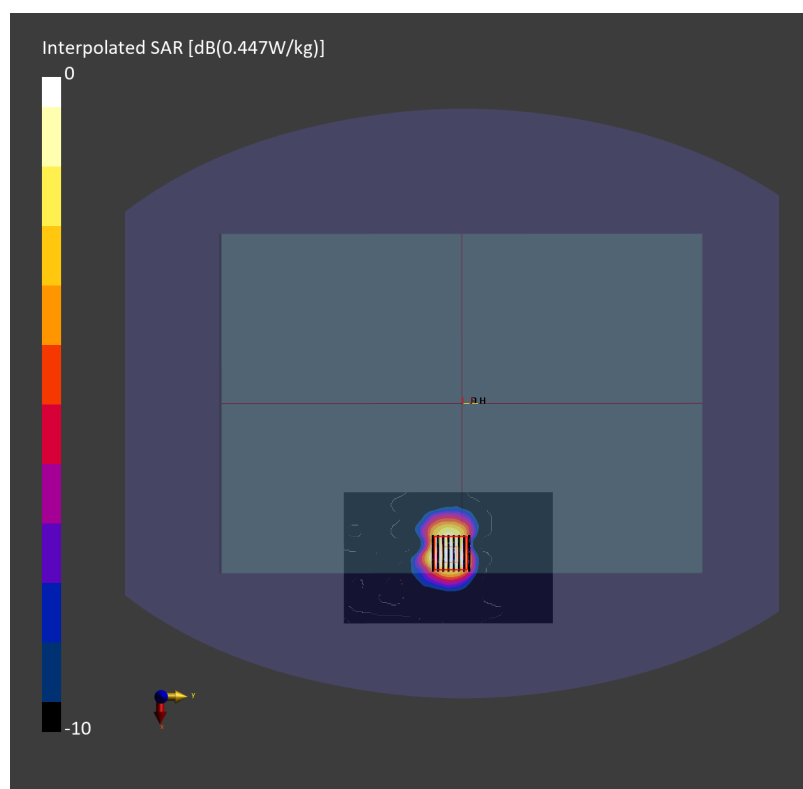
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.08 dB

SAR (1g) = 0.447 W/kg; SAR (8g) = 0.168 W/kg; SAR (10g) = 0.147 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 56.5 %

psAPD (1.0cm², sq) = 4.47 [W/m²]; psAPD (4.0cm², sq) = 3.35 [W/m²]

Date: 2024-12-07

#06_Bluetooth_1Mbps_Bottom Side_0mm_Ch39

Communication System: Bluetooth; Frequency: 2441.000 MHz

Medium: HSL_2450_241207 Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 39.2$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.76, 7.16); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (100.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.081 W/kg; SAR (10g) = 0.039 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.076 W/kg; SAR (8g) = 0.037 W/kg; SAR (10g) = 0.033 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 72.8 %

