

Date: 2024-12-10

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom Side_0mm_Ch11

Communication System: 802.11b; Frequency: 2462.000 MHz

Medium: HSL_2450_241210 Medium parameters used: $f = 2462.000$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 39.1$

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, 10315-AAB

Area Scan (80.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.545 W/kg; SAR (10g) = 0.286 W/kg;

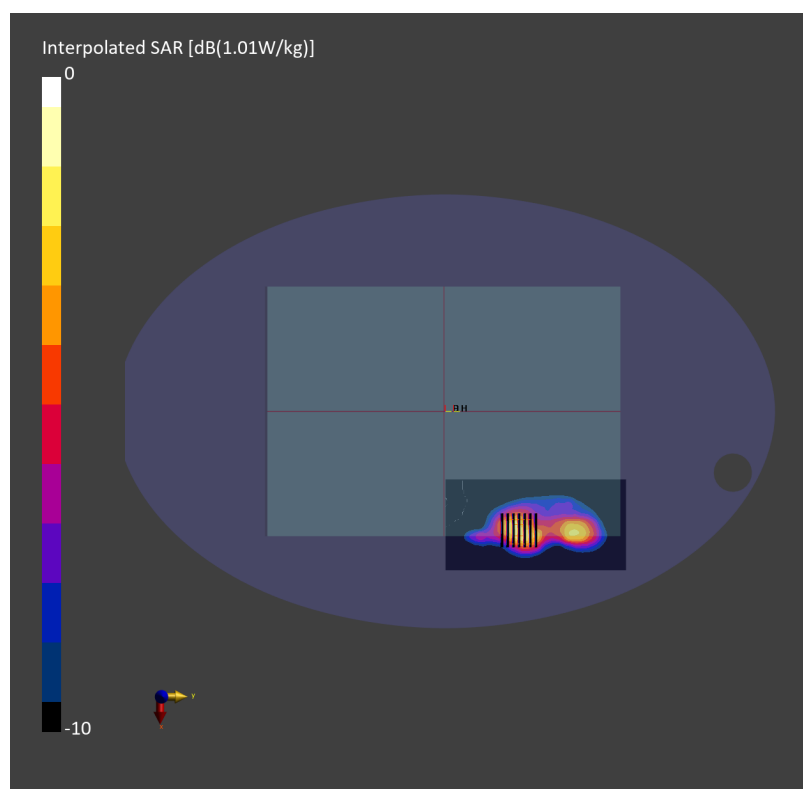
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 0.548 W/kg; SAR (8g) = 0.314 W/kg; SAR (10g) = 0.290 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 84.3 %



Date: 2024-12-11

#02_WLAN5GHz_802.11n-HT40 MCS0_Bottom Side_0mm_Ch54

Communication System: 802.11n; Frequency: 5270.000 MHz

Medium: HSL_5G_241211 Medium parameters used: $f = 5270.000$ MHz; $\sigma = 4.60$ S/m; $\epsilon_r = 36.7$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°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, 10599-AAD

Area Scan (80.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.456 W/kg; SAR (10g) = 0.161 W/kg;

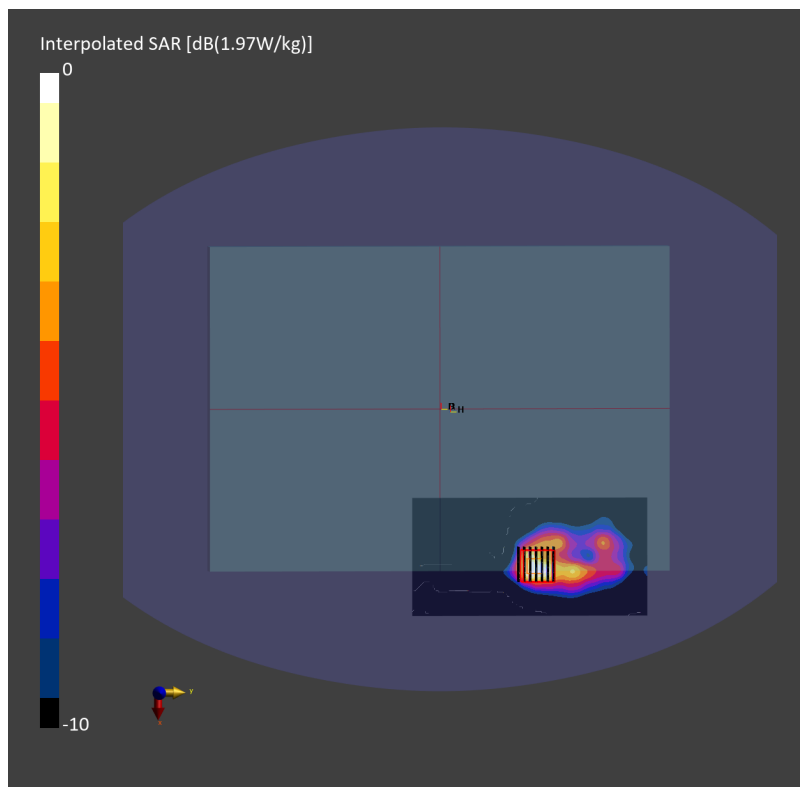
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.05 dB

SAR (1g) = 0.513 W/kg; SAR (8g) = 0.182 W/kg; SAR (10g) = 0.158 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 65.0 %



Date: 2024-12-11

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Side_0mm_Ch138

Communication System: 802.11ac; Frequency: 5690.000 MHz

Medium: HSL_5G_241211 Medium parameters used: $f = 5690.000$ MHz; $\sigma = 5.08$ S/m; $\epsilon_r = 36.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°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, 10626-AAD

Area Scan (80.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.511 W/kg; SAR (10g) = 0.179 W/kg;

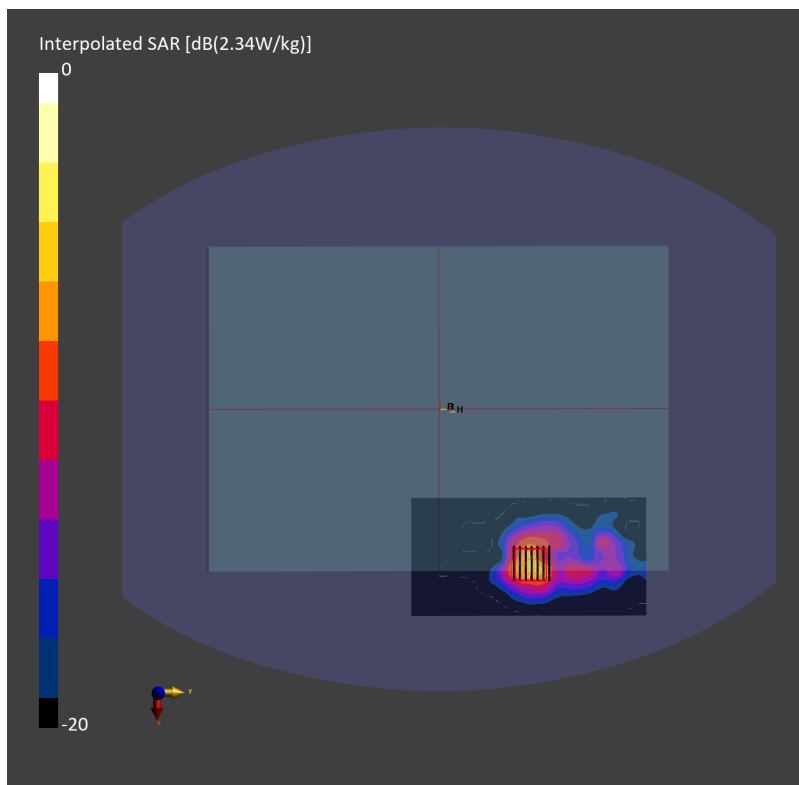
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.08 dB

SAR (1g) = 0.567 W/kg; SAR (8g) = 0.202 W/kg; SAR (10g) = 0.176 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 61.3 %



Date: 2024-12-11

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Side_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775.000 MHz

Medium: HSL_5G_241211 Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.18$ S/m; $\epsilon_r = 35.8$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°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, 10626-AAD

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

SAR (1g) = 0.482 W/kg; SAR (10g) = 0.163 W/kg;

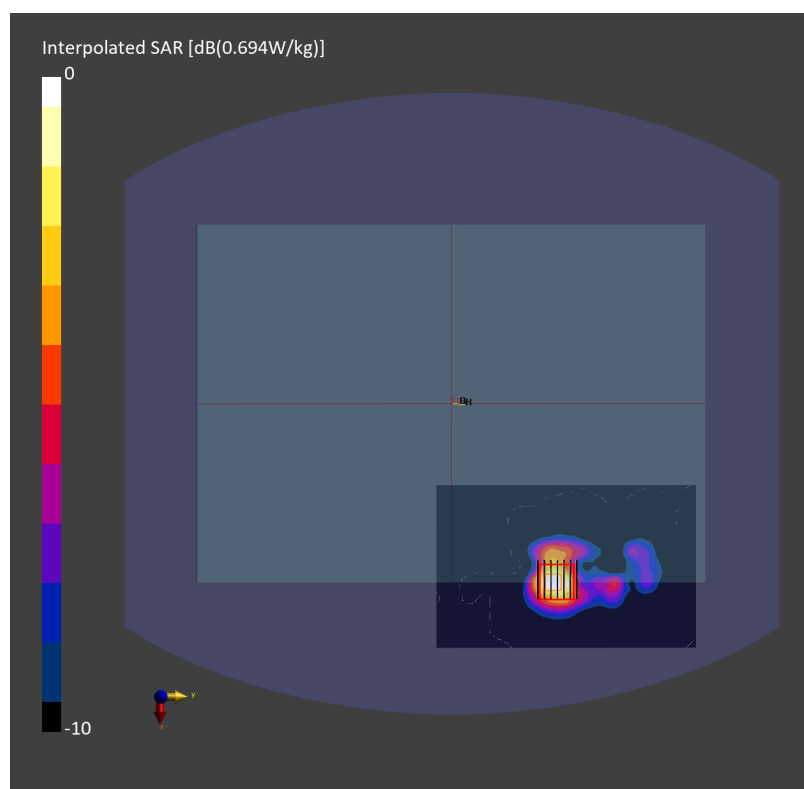
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.13 dB

SAR (1g) = 0.529 W/kg; SAR (8g) = 0.198 W/kg; SAR (10g) = 0.171 W/kg

Smallest distance from peaks to all points 3 dB below = 8.3 mm

Ratio of SAR at M2 to SAR at M1 = 58.6 %



Date: 2024-12-10

#05_WLAN6GHz_802.11ax-HE160 MCS0_Bottom Side_0mm_Ch143

Communication System: 802.11ax; Frequency: 6665.000 MHz

Medium: HSL_6G_241210 Medium parameters used: $f = 6665.000$ MHz; $\sigma = 6.39$ S/m; $\epsilon_r = 35.0$

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, 10743-AAC

Area Scan (102.0 mm x 153.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.517 W/kg; SAR (10g) = 0.173 W/kg;

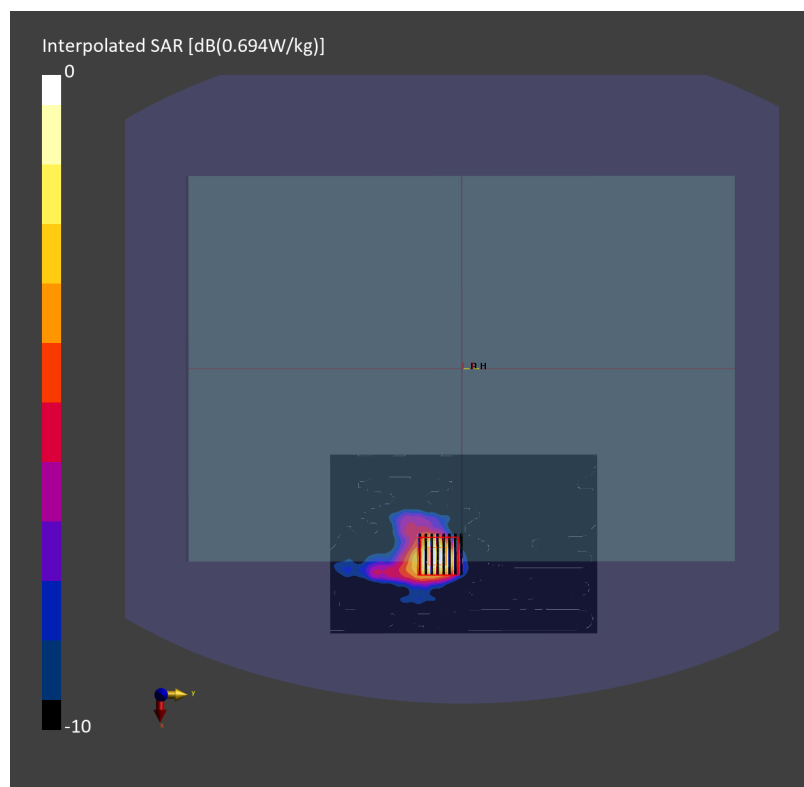
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.18 dB

SAR (1g) = 0.603 W/kg; SAR (8g) = 0.209 W/kg; SAR (10g) = 0.179 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 50.6 %

psAPD (1.0cm², sq) = 6.03 [W/m²]; psAPD (4.0cm², sq) = 4.18 [W/m²]

Date: 2024-12-10

#06_Bluetooth_1Mbps_Bottom Side_0mm_Ch0

Communication System: Bluetooth; Frequency: 2402.000 MHz

Medium: HSL_2450_241210 Medium parameters used: $f = 2402.000$ MHz; $\sigma = 1.80$ S/m; $\epsilon_r = 39.3$

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 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.038 W/kg; SAR (10g) = 0.016 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) = 0.028 W/kg; SAR (8g) = 0.011 W/kg; SAR (10g) = 0.01 W/kg

Smallest distance from peaks to all points 3 dB below = 4.0 mm

Ratio of SAR at M2 to SAR at M1 = 94.6 %

