

Date: 2024-12-22

#01_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch11

Communication System: IEEE 802.11b ; Frequency: 2462.000 MHz

Medium: HSL_2450_241222 Medium parameters used: $f = 2462.000$ MHz; $\sigma = 1.80$ S/m; $\epsilon_r = 39.7$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.2, 6.94, 6.84); Calibrated: 2024-11-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2024-04-22
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10415-AAA

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.369 W/kg; SAR (10g) = 0.209 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 = -0.05 dB

SAR (1g) = 0.377 W/kg; SAR (8g) = 0.233 W/kg; SAR (10g) = 0.217 W/kg

Smallest distance from peaks to all points 3 dB below = 23.5 mm

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

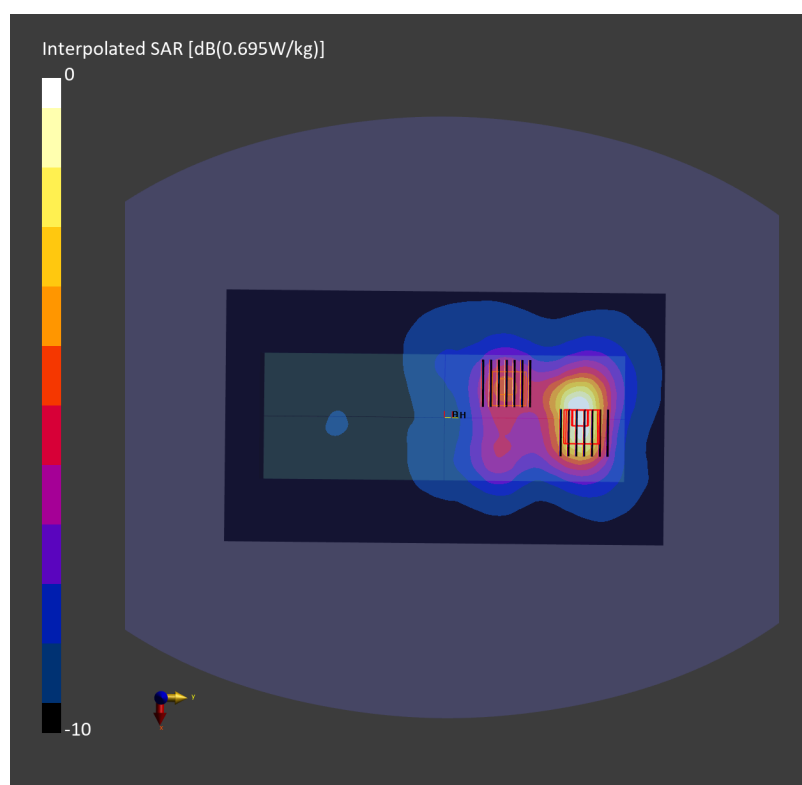
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.05 dB

SAR (1g) = 0.204 W/kg; SAR (8g) = 0.126 W/kg; SAR (10g) = 0.117 W/kg

Smallest distance from peaks to all points 3 dB below = 23.5 mm

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



Date: 2024-12-22

#02_WLAN5GHz_802.11n-HT40 MCS0_Left Side_0mm_Ch54

Communication System: IEEE 802.11n ; Frequency: 5270.000 MHz

Medium: HSL_5G_241222 Medium parameters used: $f = 5270.000$ MHz; $\sigma = 4.63$ S/m; $\epsilon_r = 36.4$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.49, 5.29, 5.21); Calibrated: 2024-11-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2024-04-22
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (140.0 mm x 240.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.144 W/kg; SAR (10g) = 0.062 W/kg;

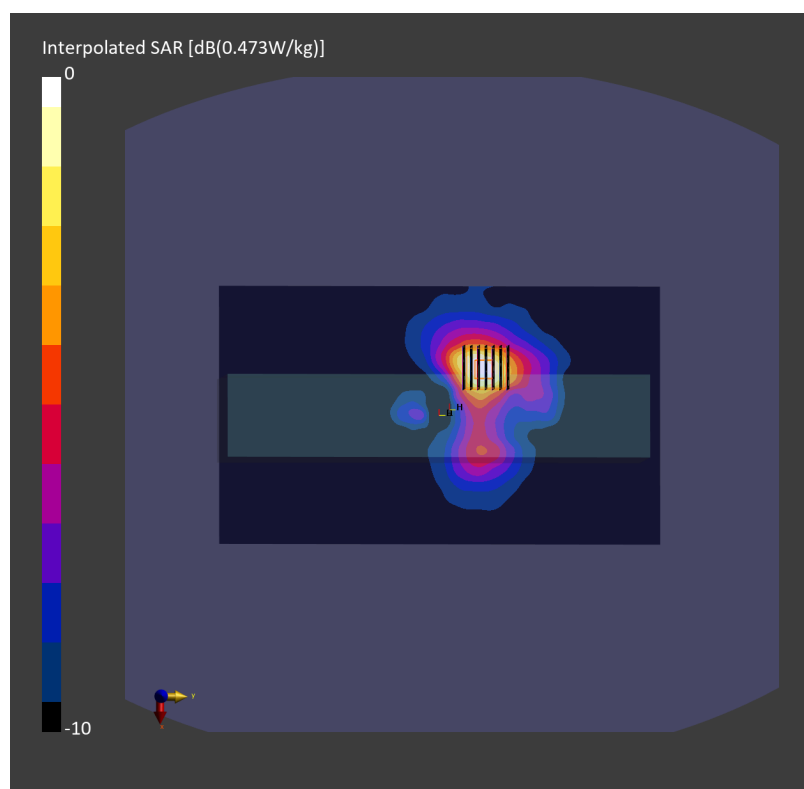
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 0.136 W/kg; SAR (8g) = 0.061 W/kg; SAR (10g) = 0.055 W/kg

Smallest distance from peaks to all points 3 dB below = 15.4 mm

Ratio of SAR at M2 to SAR at M1 = 63.6 %



Date: 2024-12-10

#03_WLAN5GHz_802.11n-HT40 MCS0_Left Side_0mm_Ch110

Communication System: IEEE 802.11n ; Frequency: 5550.000 MHz

Medium: HSL_5G_241210 Medium parameters used: $f = 5550.000$ MHz; $\sigma = 5.04$ S/m; $\epsilon_r = 36.1$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(4.97, 4.75, 4.87); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.525 W/kg; SAR (10g) = 0.219 W/kg;

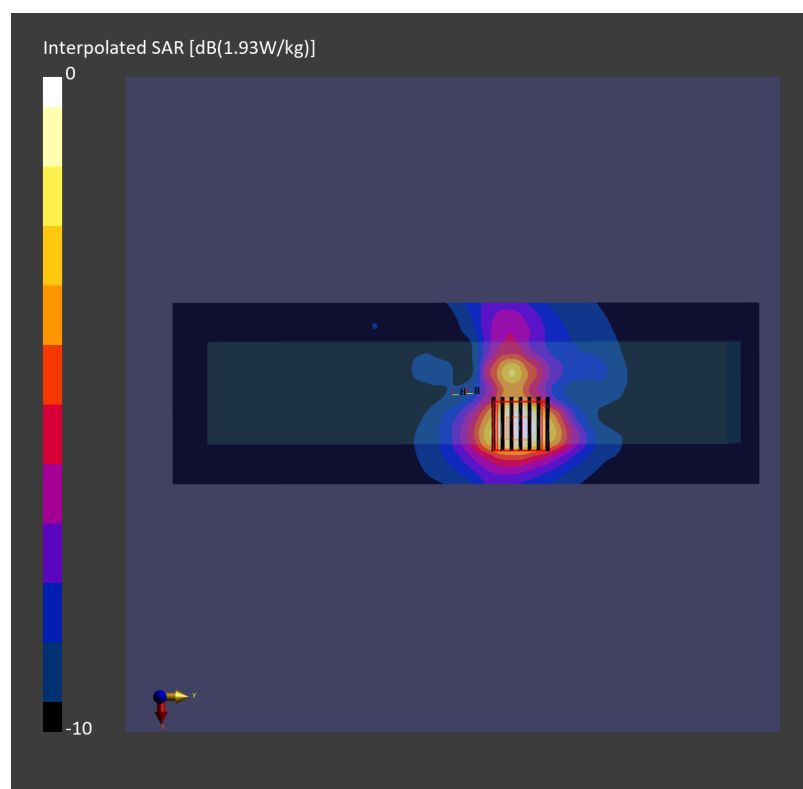
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 0.518 W/kg; SAR (8g) = 0.230 W/kg; SAR (10g) = 0.207 W/kg

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 60.5 %



Date: 2024-12-10

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Front_15mm_Ch155

Communication System: IEEE 802.11ac ; Frequency: 5775.000 MHz

Medium: HSL_5G_241210 Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.30$ S/m; $\epsilon_r = 35.8$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(5.02, 4.8, 4.92); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (180.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.340 W/kg; SAR (10g) = 0.149 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 = 0.07 dB

SAR (1g) = 0.358 W/kg; SAR (8g) = 0.170 W/kg; SAR (10g) = 0.155 W/kg

Smallest distance from peaks to all points 3 dB below = > 11.0 mm

Ratio of SAR at M2 to SAR at M1 = 58.1 %

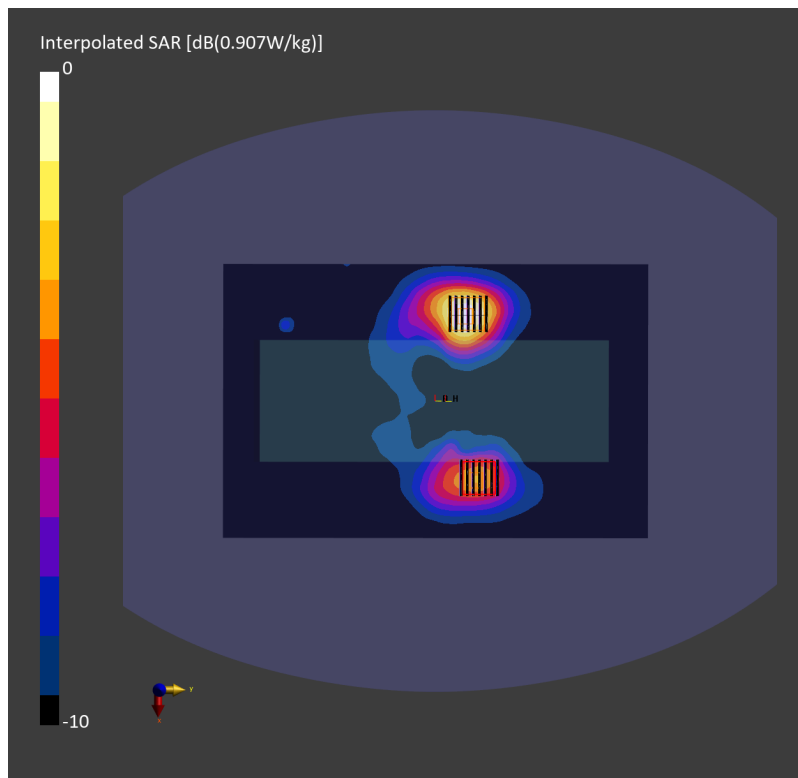
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.07 dB

SAR (1g) = 0.237 W/kg; SAR (8g) = 0.109 W/kg; SAR (10g) = 0.099 W/kg

Smallest distance from peaks to all points 3 dB below = > 11.0 mm

Ratio of SAR at M2 to SAR at M1 = 58.1 %



Date: 2024-12-22

#05_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_0mm_Ch171

Communication System: IEEE 802.11ac ; Frequency: 5855.000 MHz

Medium: HSL_5G_241222 Medium parameters used: $f = 5855.000$ MHz; $\sigma = 5.30$ S/m; $\epsilon_r = 35.3$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.01, 4.83, 4.76); Calibrated: 2024-11-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2024-04-22
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (140.0 mm x 240.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.600 W/kg; SAR (10g) = 0.144 W/kg;

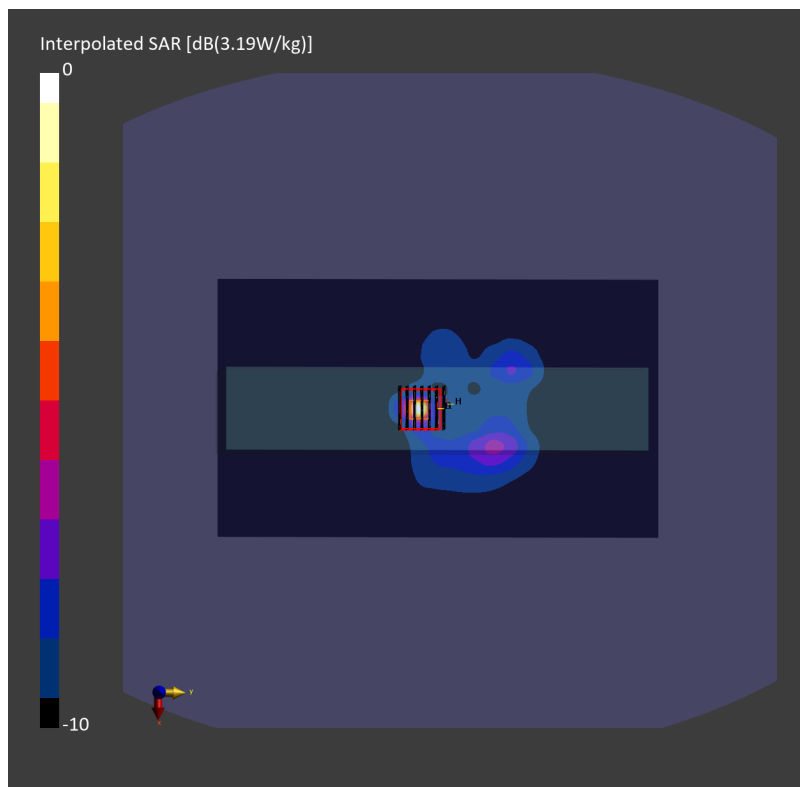
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.03 dB

SAR (1g) = 0.714 W/kg; SAR (8g) = 0.202 W/kg; SAR (10g) = 0.169 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 61.5 %



Date: 2024-12-24

#06_WLAN6GHz_802.11ax-HE160 MCS0_Left Side_0mm_Ch15

Communication System: IEEE 802.11ax; Frequency: 6025.000 MHz

Medium: HSL_6G Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.60$ S/m; $\epsilon_r = 35.5$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.52, 5.32, 5.24); Calibrated: 2024-11-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2024-04-22
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (153.0 mm x 255.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.040 W/kg; SAR (10g) = 0.016 W/kg;

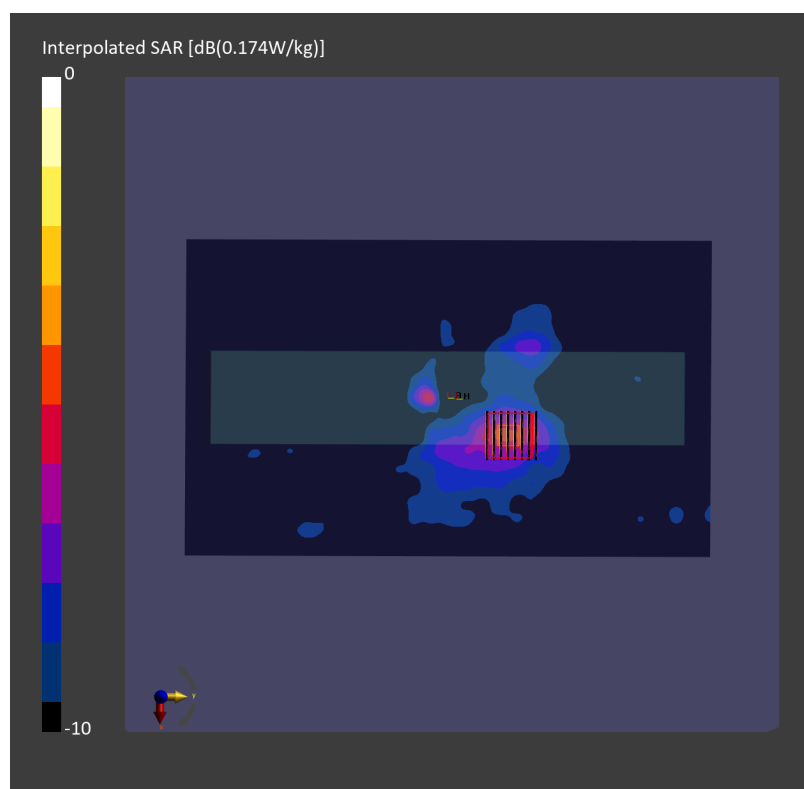
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.13 dB

SAR (1g) = 0.041 W/kg; SAR (8g) = 0.017 W/kg; SAR (10g) = 0.016 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.8 %

psAPD (1.0cm², sq) = 0.411 [W/m²]; psAPD (4.0cm², sq) = 0.349 [W/m²]

Date: 2024-12-22

#07_Bluetooth LE_S8_Left Side_0mm_Ch0

Communication System: IEEE 802.15.1 Bluetooth; Frequency: 2402.000 MHz

Medium: HSL_2450_241222 Medium parameters used: $f = 2402.000$ MHz; $\sigma = 1.75$ S/m; $\epsilon_r = 39.6$

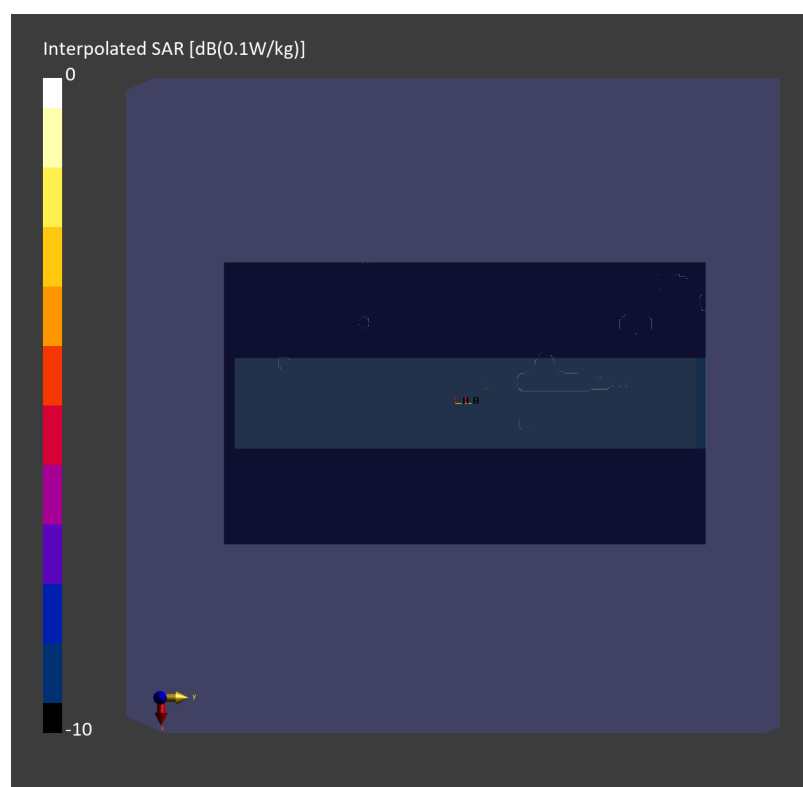
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.2, 6.94, 6.84); Calibrated: 2024-11-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2024-04-22
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (140.0 mm x 240.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0 W/kg; SAR (10g) = 0 W/kg;



Date: 2024-12-10

#08_WLAN2.4GHz_802.11b 1Mbps_Right Side_0mm_Ch11

Communication System: IEEE 802.11b ; Frequency: 2462.000 MHz

Medium: HSL_2450_241210 Medium parameters used: $f = 2462.000$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 38.8$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(7.01, 6.71, 6.88); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10415-AAA

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.762 W/kg; SAR (10g) = 0.383 W/kg;

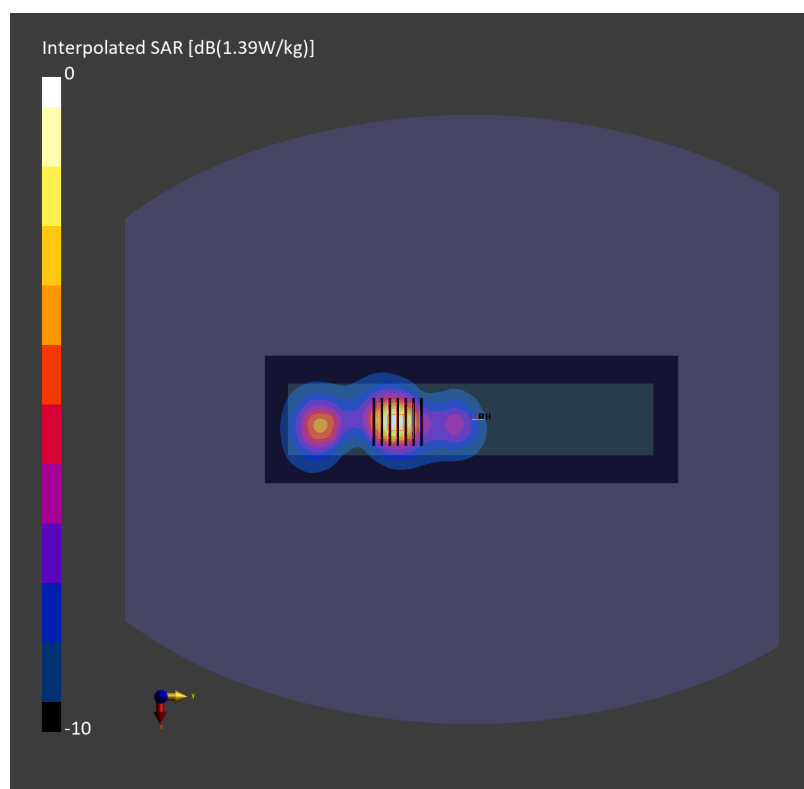
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.04 dB

SAR (1g) = 0.767 W/kg; SAR (8g) = 0.427 W/kg; SAR (10g) = 0.391 W/kg

Smallest distance from peaks to all points 3 dB below = 13.7 mm

Ratio of SAR at M2 to SAR at M1 = 83.3 %



Date: 2024-12-10

#09_WLAN5GHz_802.11n-HT40 MCS0_Left Side_0mm_Ch54

Communication System: IEEE 802.11n ; Frequency: 5270.000 MHz

Medium: HSL_5G_241210 Medium parameters used: $f = 5270.000$ MHz; $\sigma = 4.75$ S/m; $\epsilon_r = 36.5$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(5.59, 5.35, 5.48); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 4.93 W/kg; SAR (10g) = 1.57 W/kg;

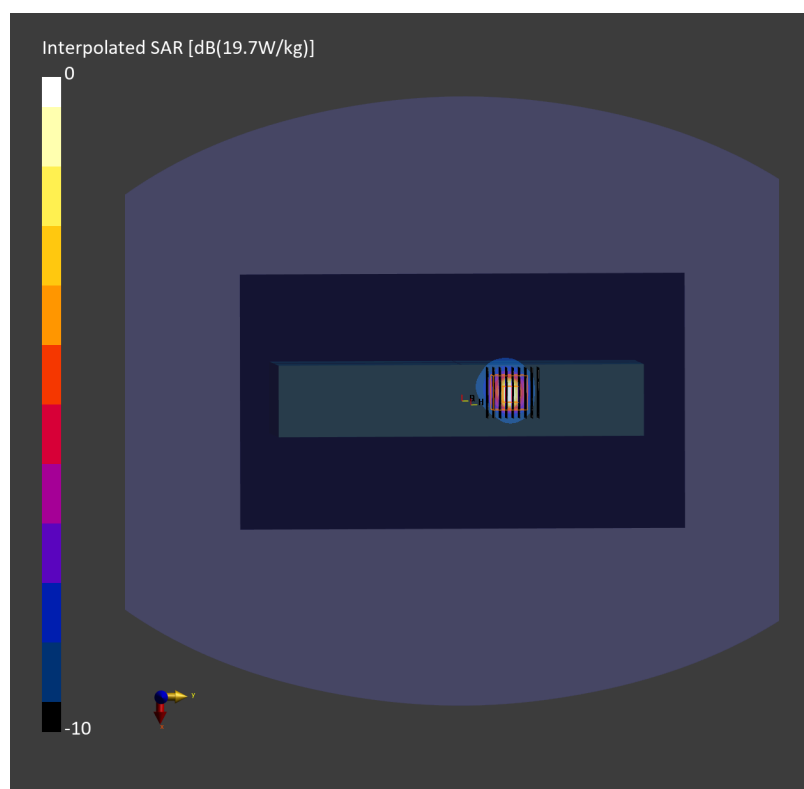
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.05 dB

SAR (1g) = 5.06 W/kg; SAR (8g) = 1.76 W/kg; SAR (10g) = 1.52 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.9 %



Date: 2024-12-10

#10_WLAN5GHz_802.11n-HT40 MCS0_Left Side_0mm_Ch110

Communication System: IEEE 802.11n ; Frequency: 5550.000 MHz

Medium: HSL_5G_241210 Medium parameters used: $f = 5550.000$ MHz; $\sigma = 5.04$ S/m; $\epsilon_r = 36.1$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(4.97, 4.75, 4.87); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 6.82 W/kg; SAR (10g) = 2.17 W/kg;

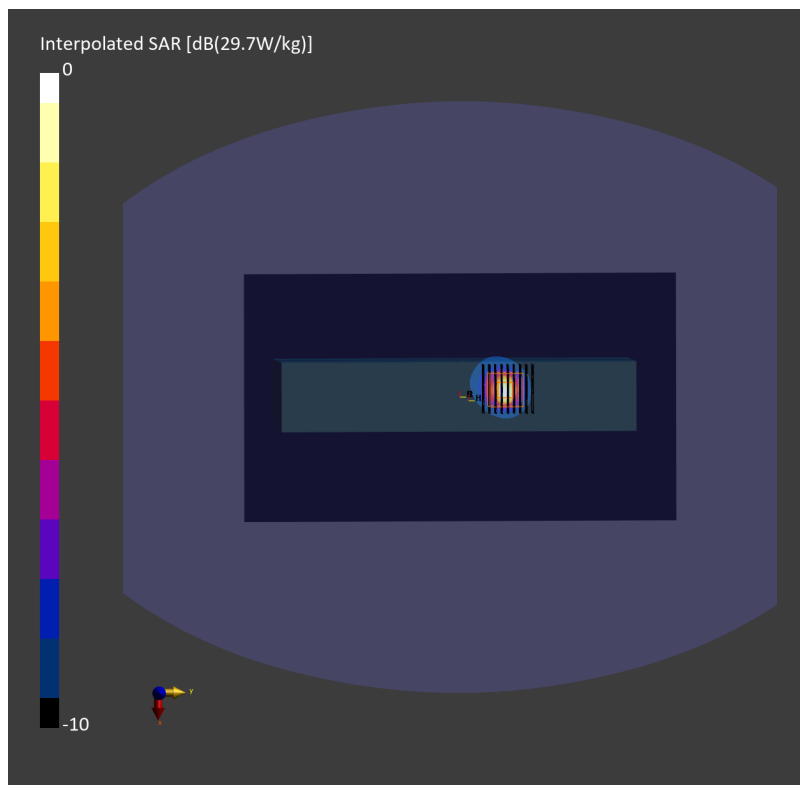
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 7.08 W/kg; SAR (8g) = 2.44 W/kg; SAR (10g) = 2.11 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 60.3 %



Date: 2024-12-10

#11_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_0mm_Ch155

Communication System: IEEE 802.11ac ; Frequency: 5775.000 MHz

Medium: HSL_5G_241210 Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.30$ S/m; $\epsilon_r = 35.8$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(5.02, 4.8, 4.92); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 5.18 W/kg; SAR (10g) = 1.65 W/kg;

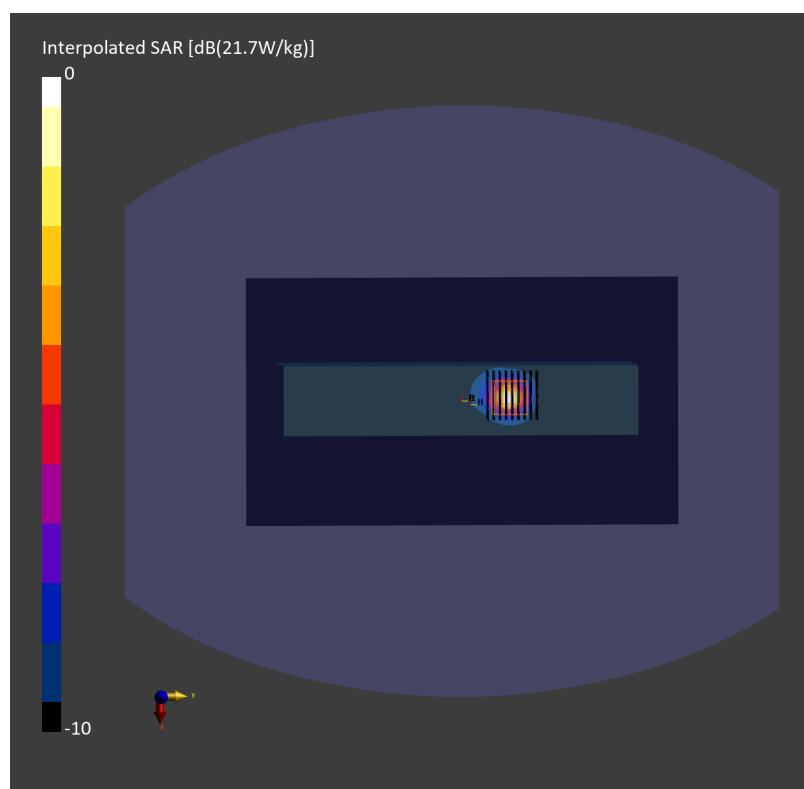
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.06 dB

SAR (1g) = 5.04 W/kg; SAR (8g) = 1.79 W/kg; SAR (10g) = 1.55 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.1 %



Date: 2024-12-10

#12_WLAN5GHz_802.11ac-VHT80 MCS0_Right Side_0mm_Ch171

Communication System: IEEE 802.11ac ; Frequency: 5855.000 MHz

Medium: HSL_5G_241210 Medium parameters used: $f = 5855.000$ MHz; $\sigma = 5.38$ S/m; $\epsilon_r = 35.6$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(5.02, 4.8, 4.92); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 5.89 W/kg; SAR (10g) = 1.91 W/kg;

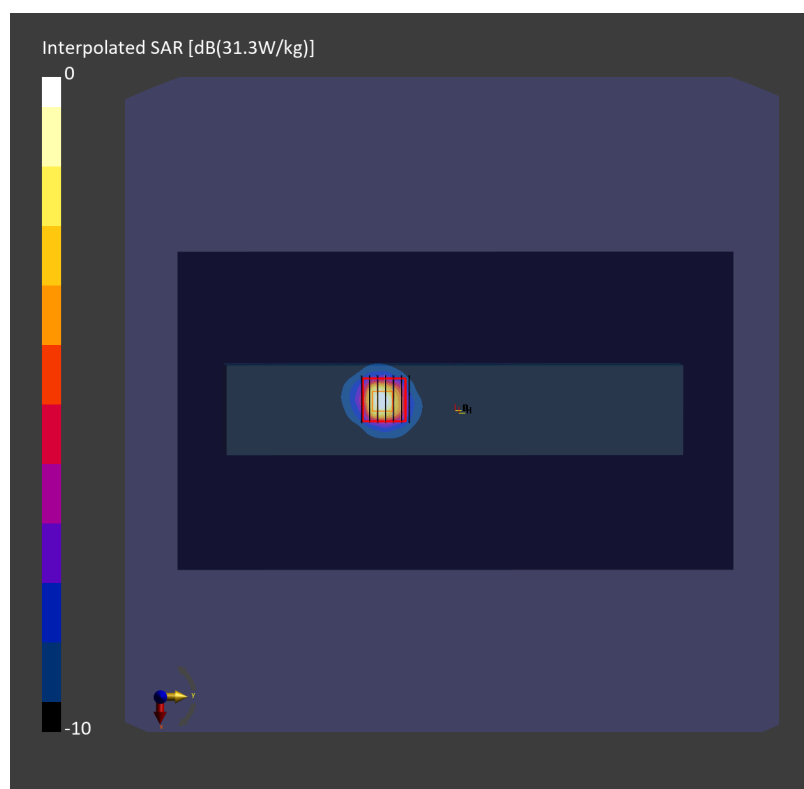
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.06 dB

SAR (1g) = 6.98 W/kg; SAR (8g) = 2.39 W/kg; SAR (10g) = 2.05 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 57.9 %



Date: 2024-12-10

#13_WLAN6GHz_802.11ax-HE160 MCS0_Right Side_0mm_Ch15

Communication System: IEEE 802.11ax ; Frequency: 6025.000 MHz

Medium: HSL_6G_241210 Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.44$ S/m; $\epsilon_r = 35.1$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(5.41, 5.18, 5.31); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (85.0 mm x 272.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 1.36 W/kg; SAR (10g) = 0.407 W/kg;

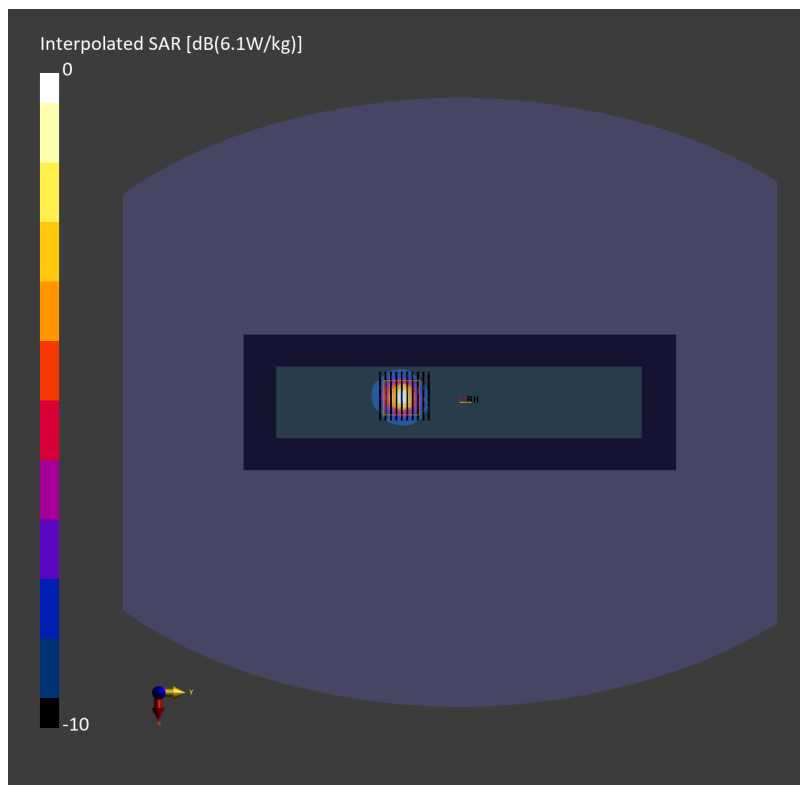
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.03 dB

SAR (1g) = 1.38 W/kg; SAR (8g) = 0.468 W/kg; SAR (10g) = 0.403 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 56.0 %

psAPD (1.0cm², sq) = 13.8 [W/m²]; psAPD (4.0cm², sq) = 9.37 [W/m²]

Date: 2024-12-22

#14_Bluetooth LE_S8_Left Side_0mm_Ch0

Communication System: IEEE 802.15.1 Bluetooth; Frequency: 2402.000 MHz

Medium: HSL_2450_241222 Medium parameters used: $f = 2402.000$ MHz; $\sigma = 1.75$ S/m; $\epsilon_r = 39.6$

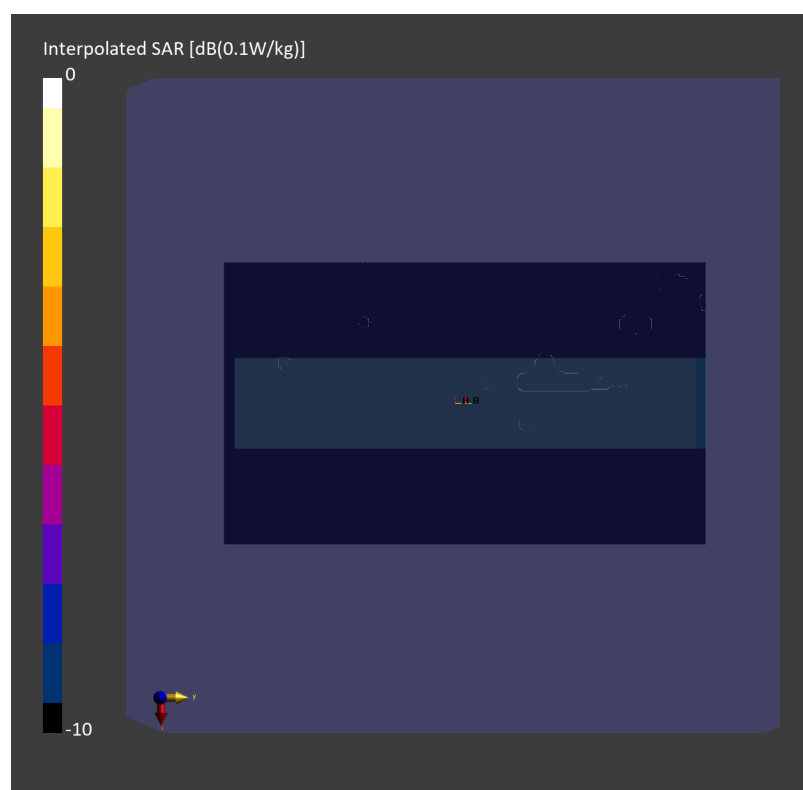
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.2, 6.94, 6.84); Calibrated: 2024-11-19
- Sensor-Surface: mm
- Electronics: DAE4 Sn703; Calibrated: 2024-04-22
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (140.0 mm x 240.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0 W/kg; SAR (10g) = 0 W/kg;



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2024/12/25

#15_NFC_ASK13.56M_Back_0mm_Chm

Communication System: NFC; Frequency: 13.56 MHz

Medium: HSL_13_241225 Medium parameters used: $f = 14$ MHz; $\sigma = 0.748$ S/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(18.14, 18.14, 18.14) @ 13.56 MHz; Calibrated: 2024/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1776; Calibrated: 2024/2/13
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 0 V/m; Power Drift = 0 dB

Fast SAR: SAR(1 g) = 0 W/kg; SAR(10 g) = 0 W/kg

Maximum value of SAR (interpolated) = 0 W/kg

