Date: 2024-03-30

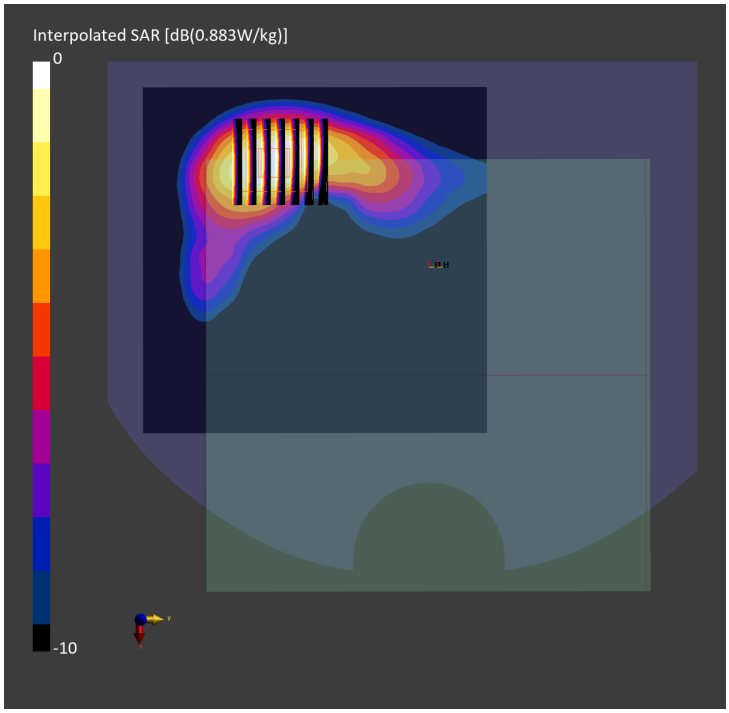
#217_NTN Band 23 Ant 0_15K_BPSK_1_0_Front_10mm_Ch25699

Communication System: Pulse Waveform; Frequency: 2019.900 MHz
Medium: HSL_2000_240330 Medium parameters used: f= 2019.900 MHz; σ= 1.46 S/m; ε_r = 38.9
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY6 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(7.8, 7.8, 7.8); Calibrated: 2023-04-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn854; Calibrated: 2023-08-17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 10662-AAB

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.5\12 W/kg; SAR (10g) = 0.273 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 = 0.02 dB
SAR (1g) = 0.512 W/kg; SAR (8g) = 0.310 W/kg; SAR (10g) = 0.275 W/kg
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 80.2 %



Date: 2024-03-27

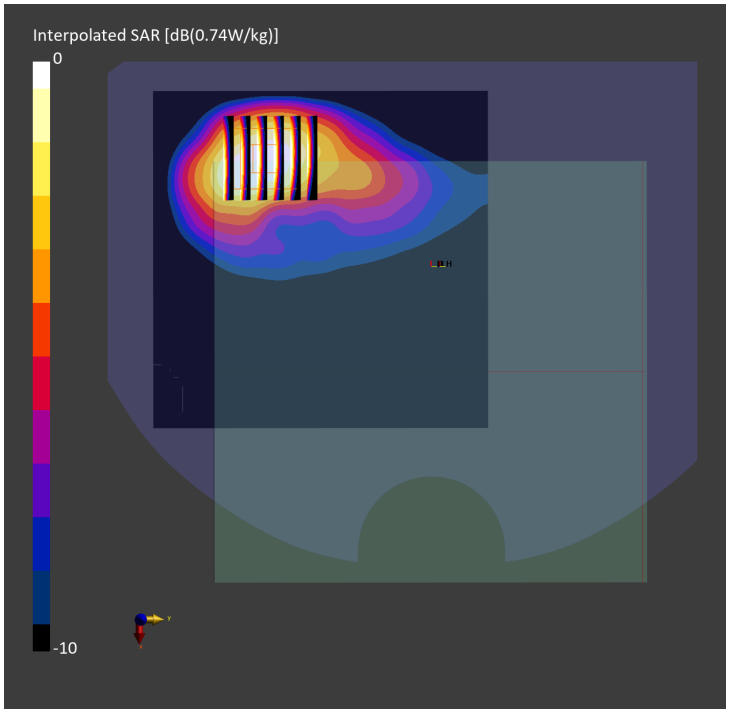
#218_NTN Band 255 Ant 0_15K_BPSK_1_0_Front_10mm_Ch261505

Communication System: Pulse Waveform; Frequency: 1626.600 MHz
Medium: HSL_1640_240327 Medium parameters used: f= 1626.600 MHz; σ= 1.28 S/m; ε_r = 40.2
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY6 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(8.29, 8.29, 8.29); Calibrated: 2023-04-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn854; Calibrated: 2023-08-17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 10662-AAB

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.516 W/kg; SAR (10g) = 0.275 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.06 dB
SAR (1g) = 0.518 W/kg; SAR (8g) = 0.301 W/kg; SAR (10g) = 0.271 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 79.8 %



Date: 2024-03-03

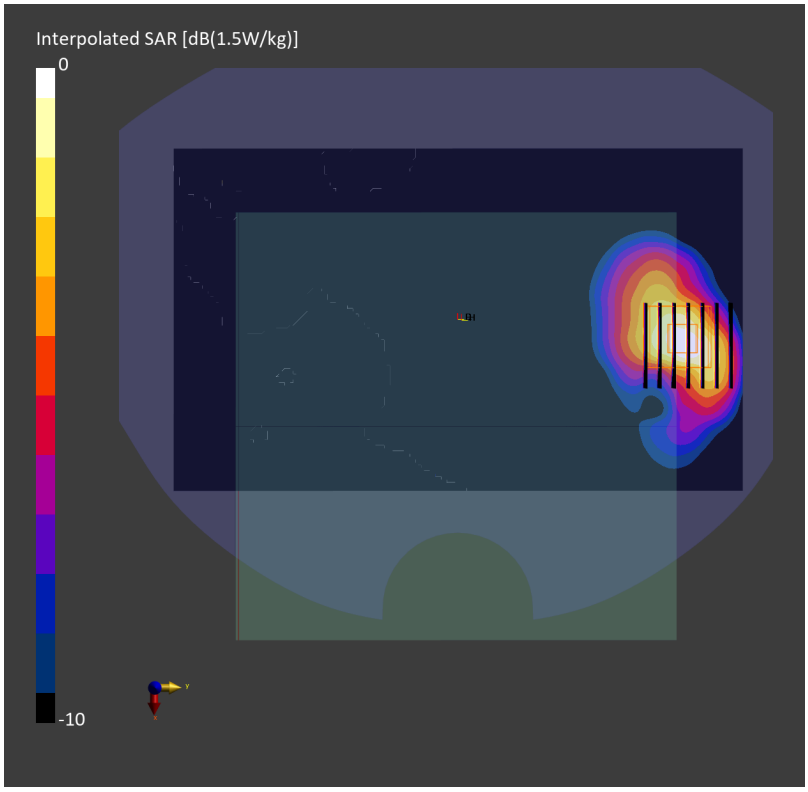
#219_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b ; Frequency: 2462.000 MHz
Medium: HSL_2450_240303 Medium parameters used: f= 2462.000 MHz; σ= 1.85 S/m; ε_r = 39.0
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.92, 7.92, 7.92); Calibrated: 2023-04-25
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10415-AAA

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 1.14 W/kg; SAR (10g) = 0.546 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) = 1.12 W/kg; SAR (8g) = 0.597 W/kg; SAR (10g) = 0.546 W/kg
Smallest distance from peaks to all points 3 dB below = 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 79.3 %



Date: 2024-03-11

#220_WLAN5GHz_802.11n-HT40 MCS0_Front_10mm_Ch54

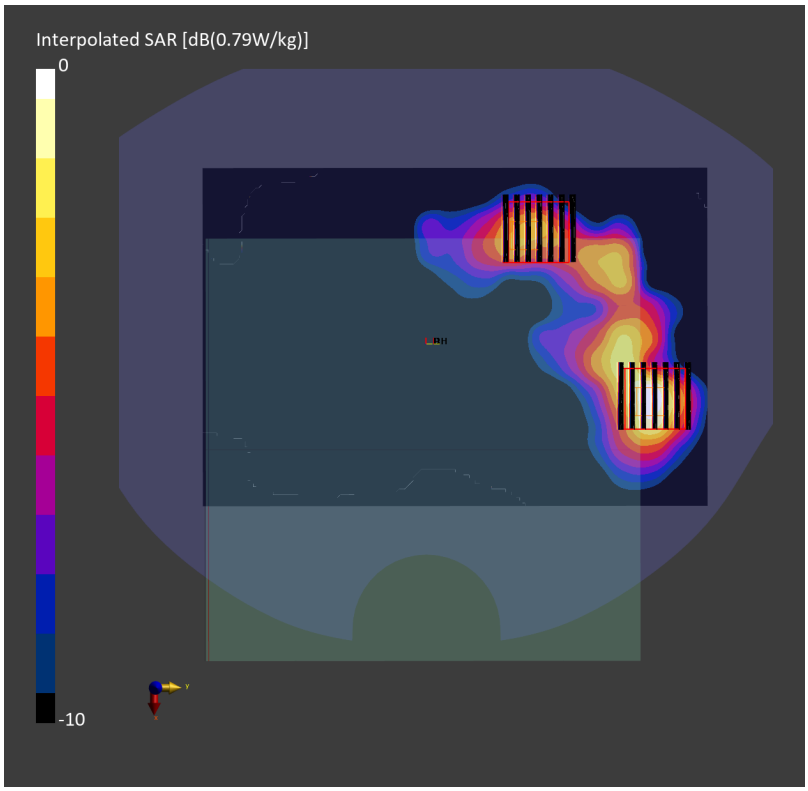
Communication System: 802.11n; Frequency: 5270.000 MHz
Medium: HSL_5G_240311 Medium parameters used: f= 5270.000 MHz; σ= 4.70 S/m; ε_r = 35.5
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.64, 5.64, 5.64); Calibrated: 2023-04-25
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.555 W/kg; SAR (10g) = 0.195 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) = 0.312 W/kg; SAR (8g) = 0.133 W/kg; SAR (10g) = 0.118 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 67.8 %

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) = 0.562 W/kg; SAR (8g) = 0.226 W/kg; SAR (10g) = 0.199 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 66.7 %


Interpolated SAR [dB(0.79W/kg)]
0
-10

Date: 2024-03-14

#221_WLAN5GHz_802.11ac-VHT80 MCS0_Front_10mm_Ch138

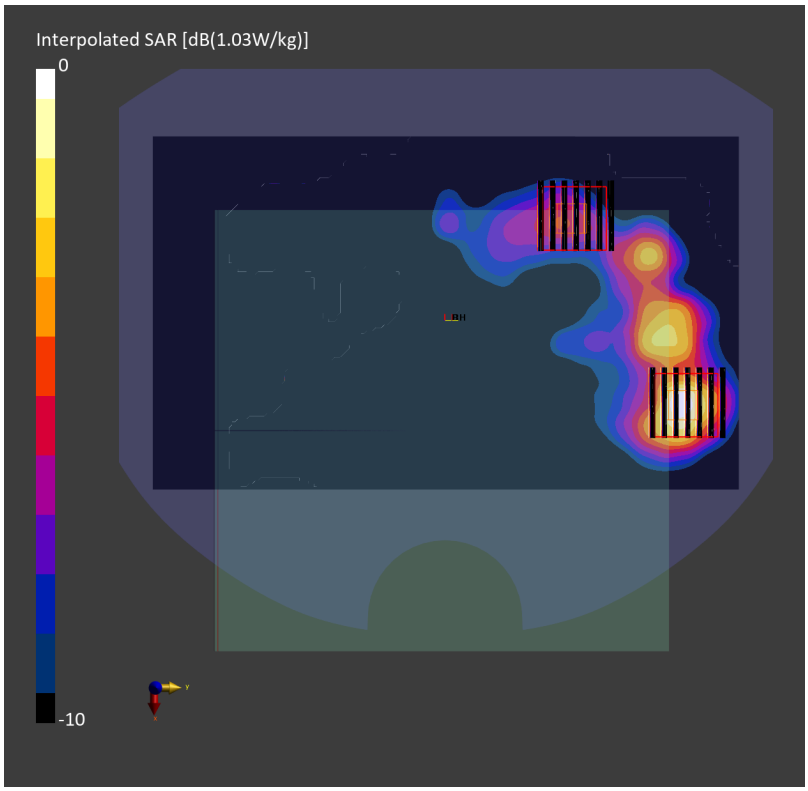
Communication System: 802.11ac; Frequency: 5690.000 MHz
Medium: HSL_5G_240314 Medium parameters used: f= 5690.000 MHz; σ= 5.20 S/m; ε_r = 35.8
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.1, 5.1, 5.1); Calibrated: 2023-04-25
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.704 W/kg; SAR (10g) = 0.229 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) = 0.272 W/kg; SAR (8g) = 0.110 W/kg; SAR (10g) = 0.097 W/kg
Smallest distance from peaks to all points 3 dB below = 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 63.1 %

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 = -0.02 dB
SAR (1g) = 0.727 W/kg; SAR (8g) = 0.278 W/kg; SAR (10g) = 0.243 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 63.6 %


Interpolated SAR [dB(1.03W/kg)]
0
-10

Date: 2024-03-18

#222_WLAN5GHz_802.11ac-VHT80 MCS0_Front_10mm_Ch155

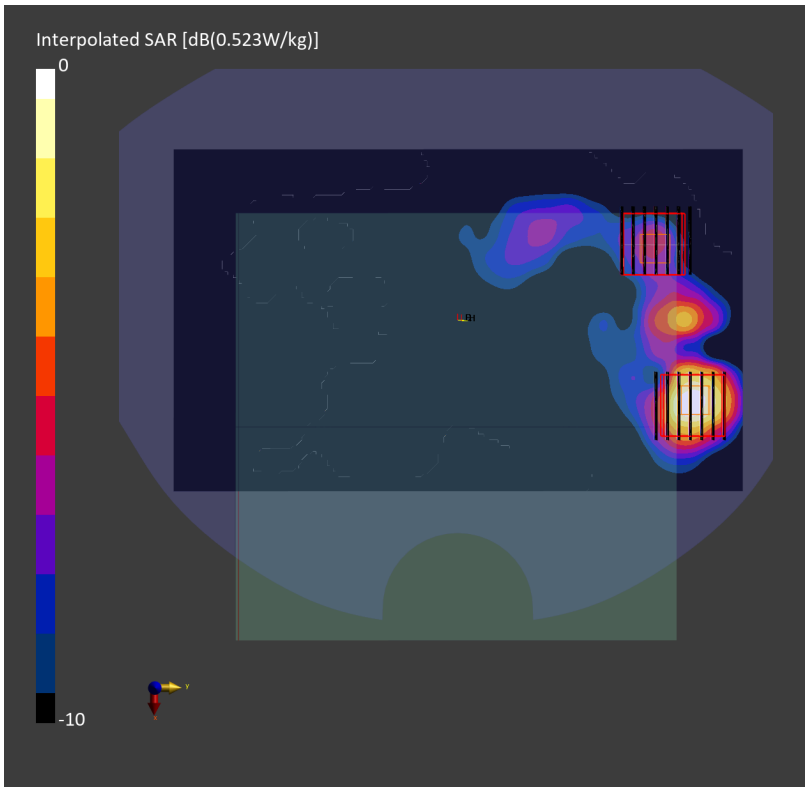
Communication System: 802.11ac ; Frequency: 5775.000 MHz
Medium: HSL_5G_240318 Medium parameters used: f= 5775.000 MHz; σ= 5.49 S/m; ε_r = 35.3
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.1, 5.1, 5.1); Calibrated: 2023-04-25
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.377 W/kg; SAR (10g) = 0.127 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = 0.04 dB
SAR (1g) = 0.124 W/kg; SAR (8g) = 0.045 W/kg; SAR (10g) = 0.039 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 65.7 %

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.09 dB
SAR (1g) = 0.386 W/kg; SAR (8g) = 0.142 W/kg; SAR (10g) = 0.123 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 68.8 %


Interpolated SAR [dB(0.523W/kg)]
0
-10

Date: 2024-03-17

#223_WLAN5GHz_802.11ac-VHT80 MCS0_Front_10mm_Ch171

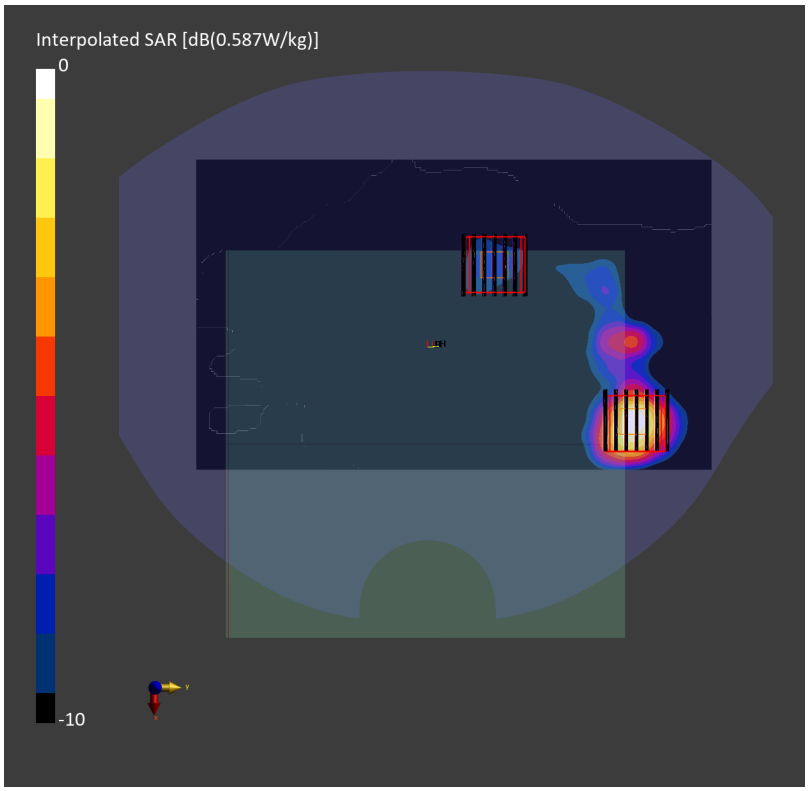
Communication System: 802.11ac; Frequency: 5855.000 MHz
Medium: HSL_5G_240317 Medium parameters used: f= 5855.000 MHz; σ= 5.51 S/m; ε_r = 35.0
Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.1, 5.1, 5.1); Calibrated: 2023-04-25
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 10554-AAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.407 W/kg; SAR (10g) = 0.130 W/kg;

Zoom Scan (24.0 mm x 24.0 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) = 0.403 W/kg; SAR (8g) = 0.148 W/kg; SAR (10g) = 0.128 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 61.2 %

Zoom Scan (24.0 mm x 24.0 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) = 0.071 W/kg; SAR (8g) = 0.027 W/kg; SAR (10g) = 0.024 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 63.9 %


Interpolated SAR [dB(0.587W/kg)]
0
-10

Date: 2024-02-12

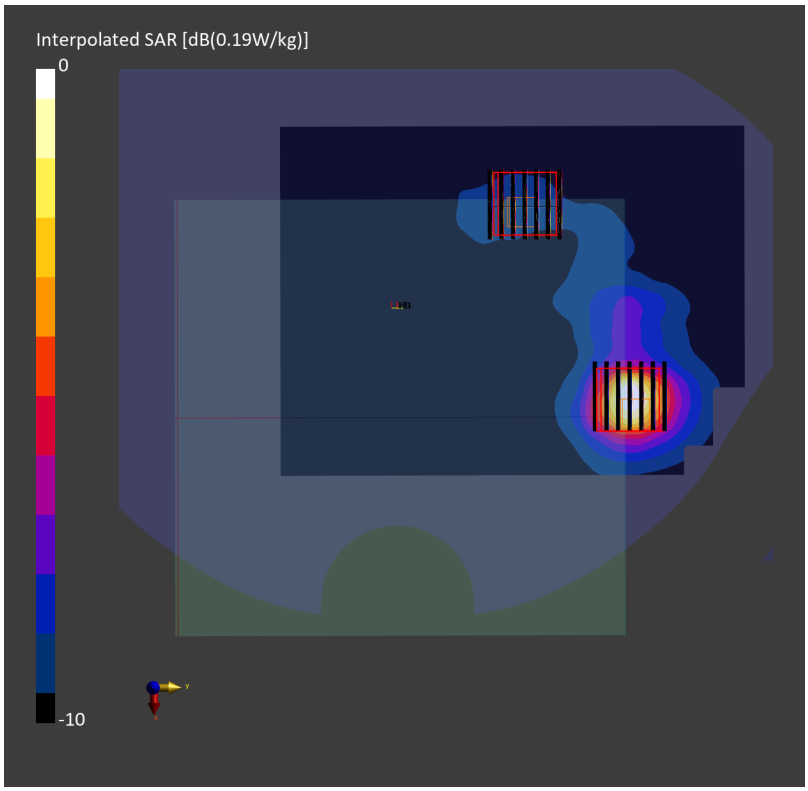
#224_WLAN6GHz_802.11a 6Mbps_Front_15mm_Ch1;Ant 3+4

Communication System: 802.11a; Frequency: 5955.000 MHz;
Medium: HSL_6G_240212 Medium parameters used: f= 5955.000 MHz; σ= 5.36 S/m; ε_r = 35.9
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7351; ConvF(5.45, 5.45, 5.45); Calibrated: 2024-03-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn854; Calibrated: 2023-08-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10417-AAD

Area Scan (120.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.416 W/kg; SAR (10g) = 0.151 W/kg;

Zoom Scan (24.0 mm x 24.0 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) = 0.039 W/kg; SAR (8g) = 0.014 W/kg; SAR (10g) = 0.013 W/kg
Smallest distance from peaks to all points 3 dB below = 4.5 mm
Ratio of SAR at M2 to SAR at M1 = 56.4 %
psAPD (1.0cm2, sq) = 0.394 [W/m2]; psAPD (4.0cm2, sq) = 0.289 [W/m2]
Zoom Scan (24.0 mm x 24.0 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) = 0.325 W/kg; SAR (8g) = 0.140 W/kg; SAR (10g) = 0.123 W/kg
Smallest distance from peaks to all points 3 dB below = 5.7 mm
Ratio of SAR at M2 to SAR at M1 = 66.3 %
psAPD (1.0cm2, sq) = 3.25 [W/m2]; psAPD (4.0cm2, sq) = 2.79 [W/m2]


Interpolated SAR [dB(0.19W/kg)]
0
-10

Date: 2024-03-08

#225_Bluetooth_1Mbps_Front_10mm_Ch39

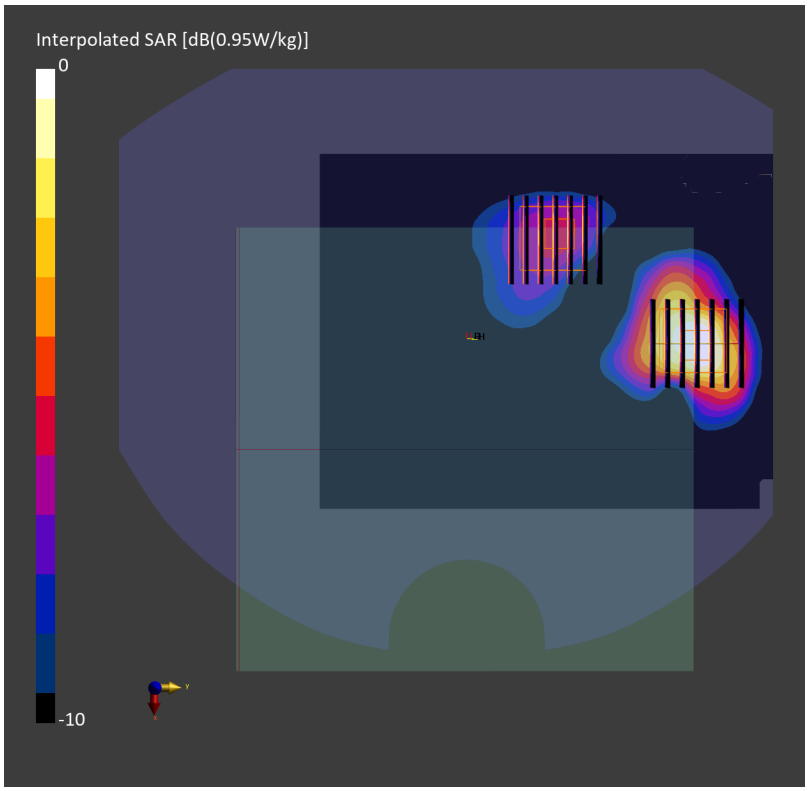
Communication System: Bluetooth ; Frequency: 2441.000 MHz
Medium: HSL_2450_240308 Medium parameters used: f= 2441.000 MHz; σ= 1.83 S/m; ε_r = 39.1
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.92, 7.92, 7.92); Calibrated: 2023-04-25
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.446 W/kg; SAR (10g) = 0.218 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 = -0.15 dB
SAR (1g) = 0.461 W/kg; SAR (8g) = 0.244 W/kg; SAR (10g) = 0.222 W/kg
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 79.1 %

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) = 0.134 W/kg; SAR (8g) = 0.078 W/kg; SAR (10g) = 0.072 W/kg
Smallest distance from peaks to all points 3 dB below = 11.7 mm
Ratio of SAR at M2 to SAR at M1 = 82.9 %


Interpolated SAR [dB(0.95W/kg)]
0
-10

Date: 2024-04-19

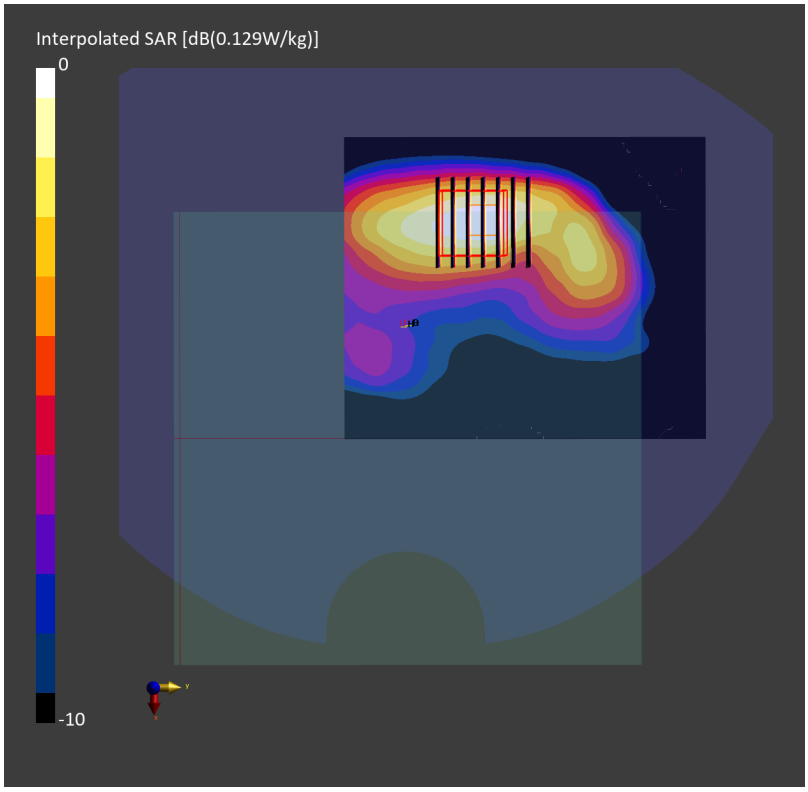
#226_Thread Ant 3_250K_Front_10mm_Ch11

Communication System: IEEE 802.15.1 Bluetooth; Frequency: 2405.000 MHz
Medium: HSL_2450_240419 Medium parameters used: f= 2405.000 MHz; σ= 1.73 S/m; ε_r = 39.2
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; 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) = 0.102 W/kg; SAR (10g) = 0.053 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 = -0.02 dB
SAR (1g) = 0.105 W/kg; SAR (8g) = 0.058 W/kg; SAR (10g) = 0.054 W/kg
Smallest distance from peaks to all points 3 dB below = 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 81.8 %



Date: 2024-02-19

#227_FR1 n7 Ant 2_50M_BPSK_1_1_Bottom Side_0mm_Ch507000

Communication System: 5G NR; Frequency: 2535.000 MHz
Medium: HSL_2600_240219 Medium parameters used: f= 2535.000 MHz; σ= 1.91 S/m; ε_r = 38.4
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

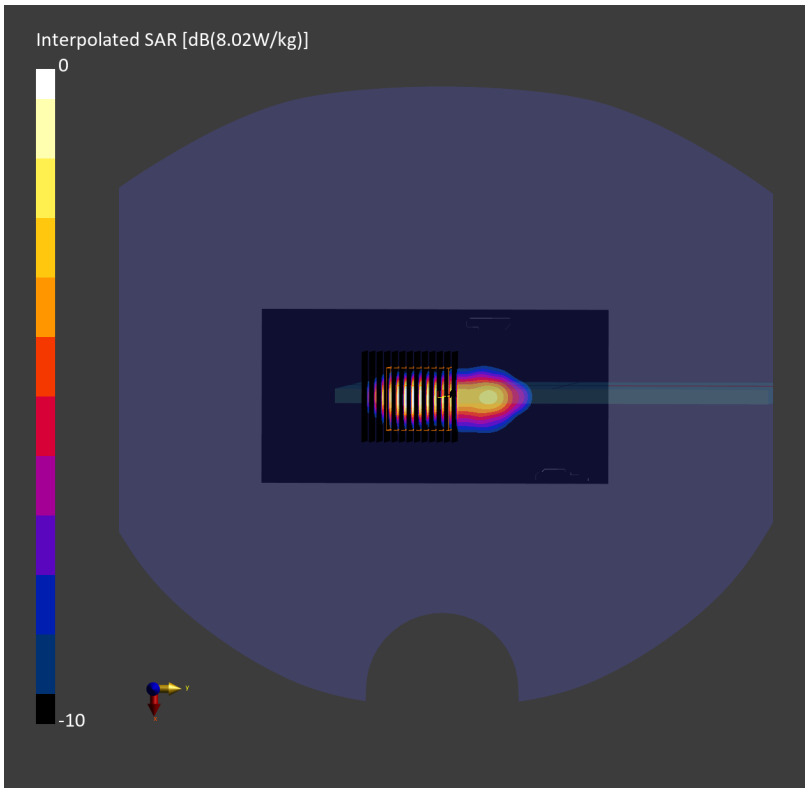
DASY6 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(7.2, 7.2, 7.2); Calibrated: 2023-04-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn854; Calibrated: 2023-08-17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1884; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10935-AAD

Area Scan (60.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 5.00 W/kg; SAR (10g) = 1.71 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 2.6 mm x 2.6 mm x 1.2 mm

Power Drift = -0.01 dB
SAR (1g) = 5.30 W/kg; SAR (8g) = 1.82 W/kg; SAR (10g) = 1.57 W/kg
Smallest distance from peaks to all points 3 dB below = 4.2 mm
Ratio of SAR at M2 to SAR at M1 = 68.1 %



Date: 2024-03-30

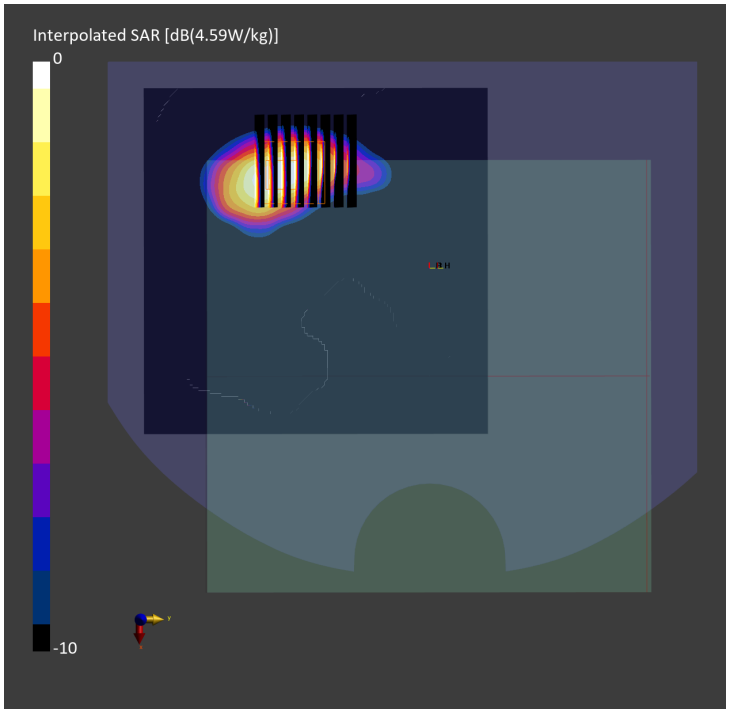
#228_NTN Band 23 Ant 0_15K_BPSK_1_0_Front_0mm_Ch25699

Communication System: Pulse Waveform; Frequency: 2019.900 MHz
Medium: HSL_2000_240330 Medium parameters used: f= 2019.900 MHz; σ= 1.46 S/m; ε_r = 38.9
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY6 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(7.8, 7.8, 7.8); Calibrated: 2023-04-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn854; Calibrated: 2023-08-17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 10662-AAB

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 2.73 W/kg; SAR (10g) = 1.06 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 4.6 mm x 4.6 mm x 1.5 mm
Power Drift = -0.01 dB
SAR (1g) = 2.53 W/kg; SAR (8g) = 1.35 W/kg; SAR (10g) = 1.13 W/kg
Smallest distance from peaks to all points 3 dB below = 5.9 mm
Ratio of SAR at M2 to SAR at M1 = 64.9 %



Date: 2024-03-27

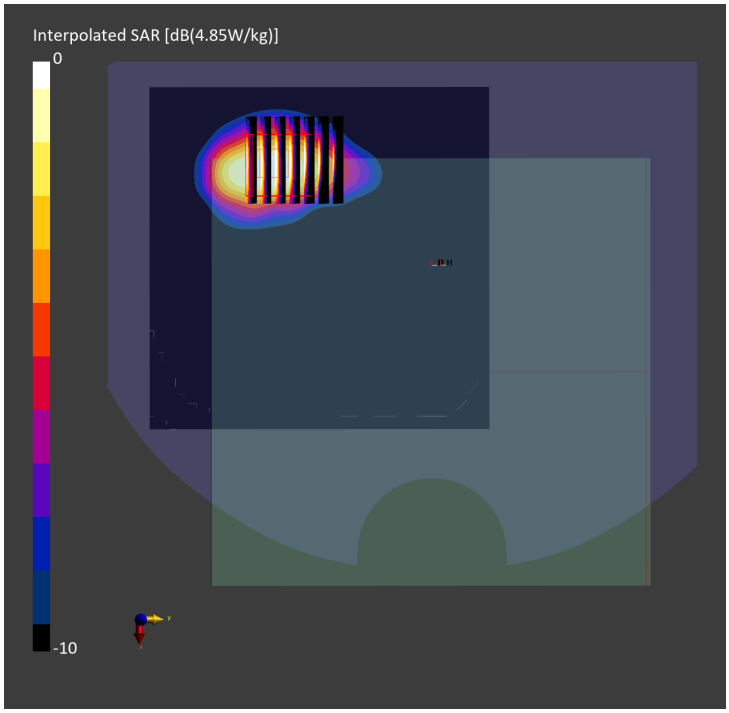
#229_NTN Band 255 Ant 0_15K_BPSK_1_0_Front_0mm_Ch261505

Communication System: Pulse Waveform; Frequency: 1626.600 MHz
Medium: HSL_1640_240327 Medium parameters used: f= 1626.600 MHz; σ= 1.28 S/m; ε_r = 40.2
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY6 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(8.29, 8.29, 8.29); Calibrated: 2023-04-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn854; Calibrated: 2023-08-17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 10662-AAB

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 3.28 W/kg; SAR (10g) = 2.02 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.1 mm x 5.1 mm x 1.5 mm
Power Drift = -0.11 dB
SAR (1g) = 3.35 W/kg; SAR (8g) = 2.10 W/kg; SAR (10g) = 1.32 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 68.8 %



Date: 2024-03-13

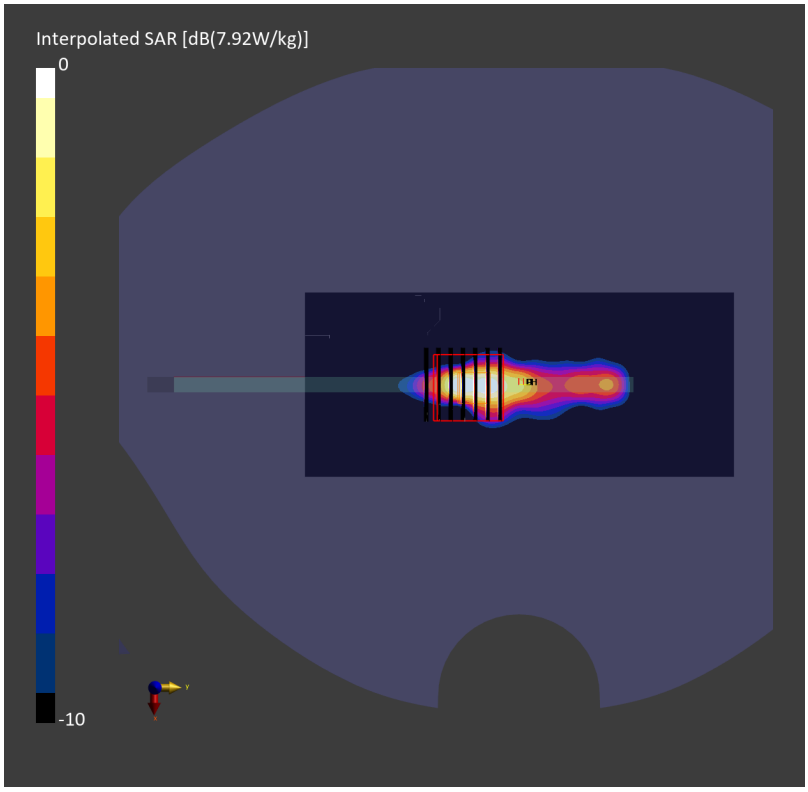
#230_WLAN5GHz_802.11n-HT40 MCS0_Top Side_10mm_Ch54

Communication System: 802.11n ; Frequency: 5270.000 MHz
Medium: HSL_5G_240313 Medium parameters used: f= 5270.000 MHz; σ= 4.76 S/m; ε_r = 36.2
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.64, 5.64, 5.64); Calibrated: 2023-04-25
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (60.0 mm x 140.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 5.12 W/kg; SAR (10g) = 1.46 W/kg;

Zoom Scan (24.0 mm x 24.0 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) = 6.37 W/kg; SAR (8g) = 1.57 W/kg; SAR (10g) = 1.30 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 65.5 %



Date: 2024-03-15

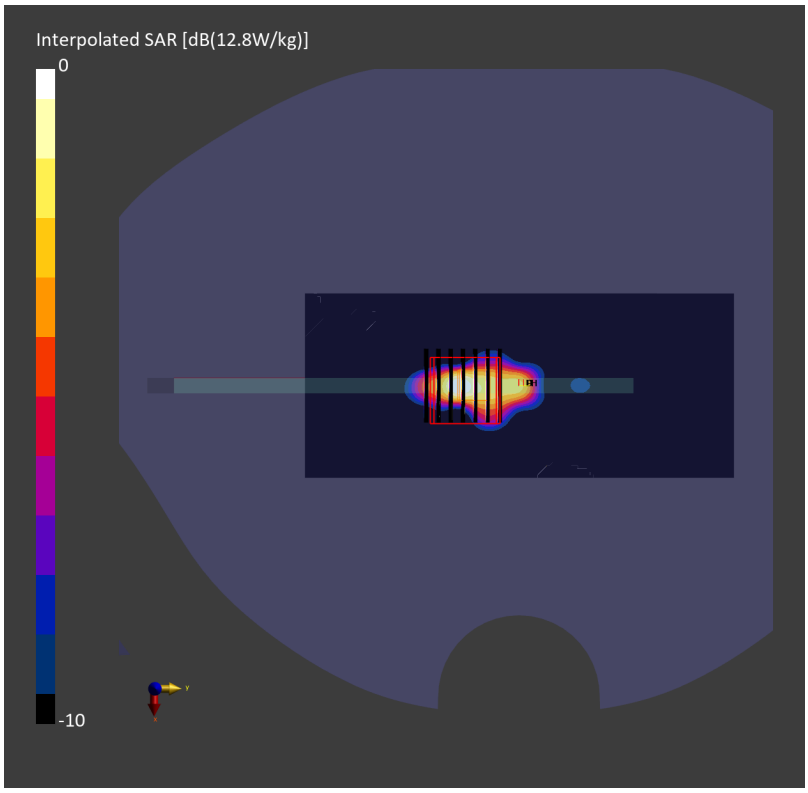
#231_WLAN5GHz_802.11ac-VHT80 MCS0_Top Side_10mm_Ch138

Communication System: 802.11ac ; Frequency: 5690.000 MHz
Medium: HSL_5G_240315 Medium parameters used: f= 5690.000 MHz; σ= 5.24 S/m; ε_r = 35.9
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.1, 5.1, 5.1); Calibrated: 2023-04-25
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (60.0 mm x 140.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.63 W/kg; SAR (10g) = 2.15 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = 0.00 dB
SAR (1g) = 8.60 W/kg; SAR (8g) = 2.25 W/kg; SAR (10g) = 1.89 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 61.9 %



Date: 2024-03-19

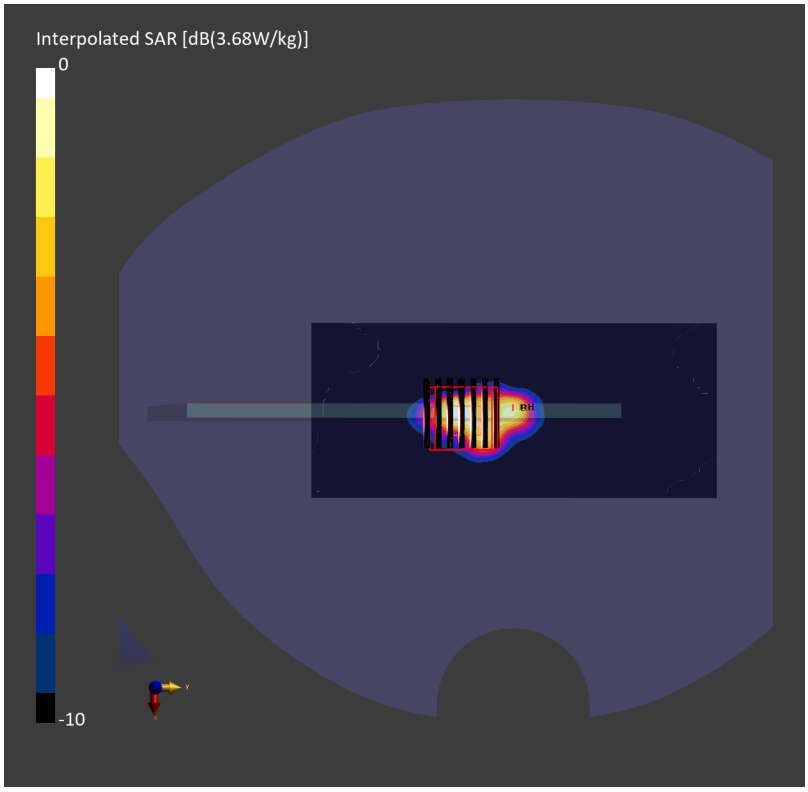
#232_WLAN5GHz_802.11ac-VHT80 MCS0_Top Side_0mm_Ch171

Communication System: 802.11ac; Frequency: 5855.000 MHz
Medium: HSL_5G_240319 Medium parameters used: f= 5855.000 MHz; σ= 5.50 S/m; ε_r = 34.8
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.1, 5.1, 5.1); Calibrated: 2023-04-25
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 10554-AAE

Area Scan (60.0 mm x 140.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 2.26 W/kg; SAR (10g) = 0.717 W/kg;

Zoom Scan (24.0 mm x 24.0 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) = 4.01 W/kg; SAR (8g) = 0.989 W/kg; SAR (10g) = 0.821 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 59.0 %



Date: 2024-02-12

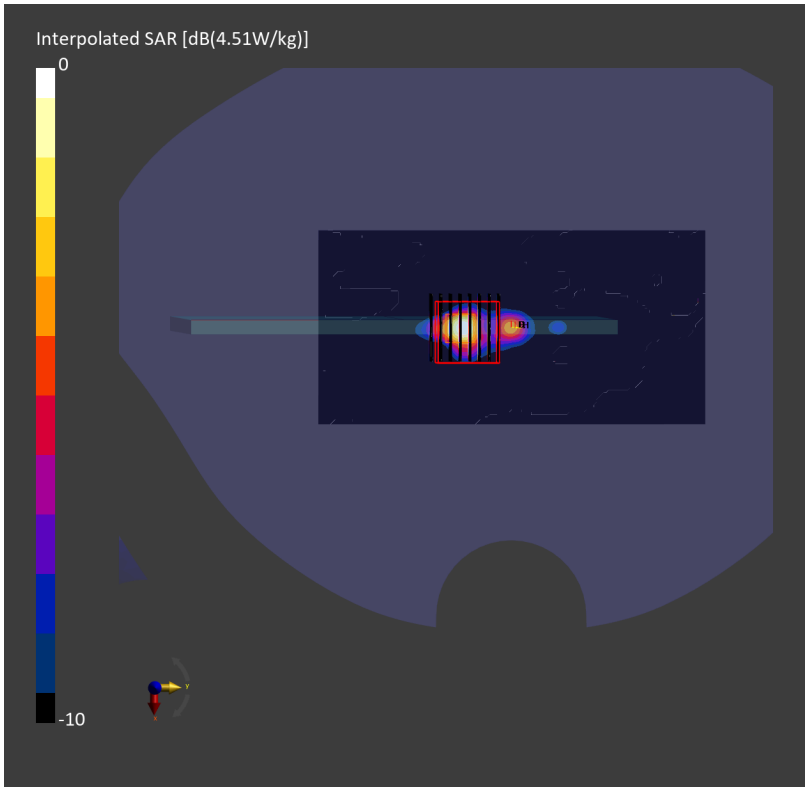
#233_WLAN6GHz_802.11ax-HE160 MCS0_Top Side_0mm_Ch15

Communication System: 802.11ax ; Frequency: 6025.000 MHz
Medium: HSL_6G_240212 Medium parameters used: f= 6025.000 MHz; σ= 5.53 S/m; ε_r = 35.6
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.35, 5.35, 5.35); Calibrated: 2023-04-25
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (68.0 mm x 136.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 2.43 W/kg; SAR (10g) = 0.512 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.09 dB
SAR (1g) = 2.48 W/kg; SAR (8g) = 0.610 W/kg; SAR (10g) = 0.512 W/kg
Smallest distance from peaks to all points 3 dB below = 3.8 mm
Ratio of SAR at M2 to SAR at M1 = 54.3 %
psAPD (1.0cm2, sq) = 24.8 [W/m2]; psAPD (4.0cm2, sq) = 12.2 [W/m2]



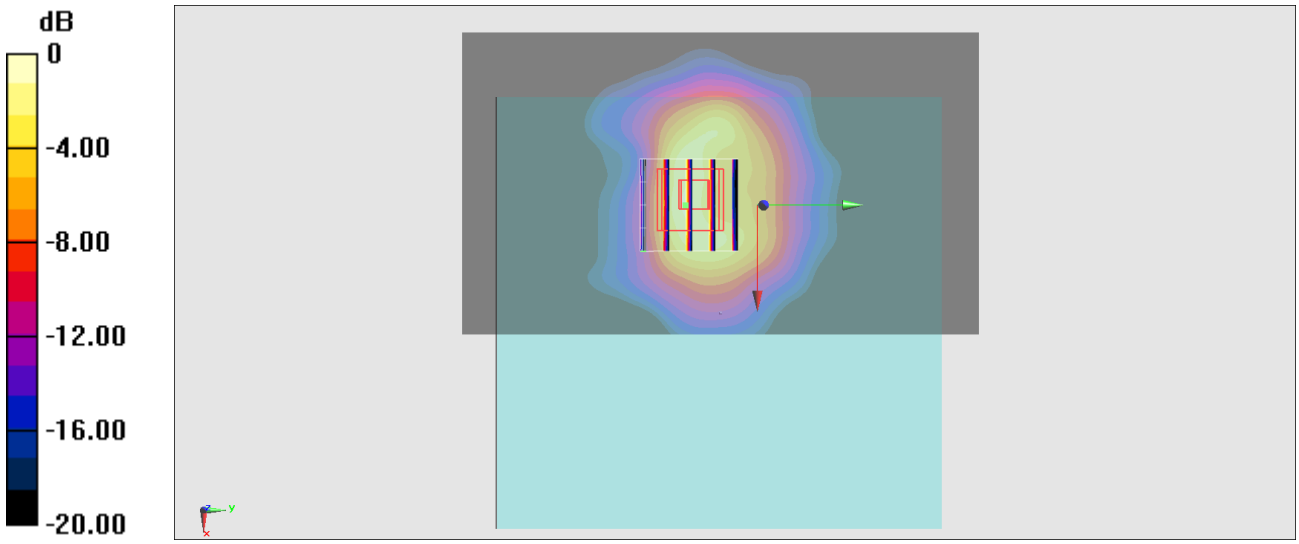
#234_NFC_ASK_Front_ 0mm_13.56MHz

Communication System: NFC; Frequency: 13.56 MHz;Duty Cycle: 1:1
Medium: HSL_13_240328 Medium parameters used : f = 13.56 MHz; σ = 0.728 S/m; ε_r = 54.673; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(16.9, 16.9, 16.9) @ 13.56 MHz;Calibrated: 2023/7/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2024/1/22
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0892 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.20 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.041 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 53.6%
Maximum value of SAR (measured) = 0.113 W/kg



0 dB = 0.113 W/kg = -9.47 dBW/kg

Measurement Report for Device#235

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	Software Version	DUT Type
Device,	155.0 x 150.0 x 5.0	3.2.0.1840	Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	BACK, 2.00	6665.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1044	Air -	EUmmWV4 - SN9461_F1-55GHz, 2023-10-12	DAE4 Sn703, 2023-05-16

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

Date	2024-03-17, 01:01
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	3.22
psPDtot+ [W/m^2]	4.51
H_{max} [A/m]	0.227
E_{max} [V/m]	82.5
$max_{(Stot)}$ [W/m^2]	11.0
Power Drift [dB]	0.03
IPDn	2.04