

#72_FR1 n12_15M_BPSK_1_1_Right Cheek_0mm_Ch141500

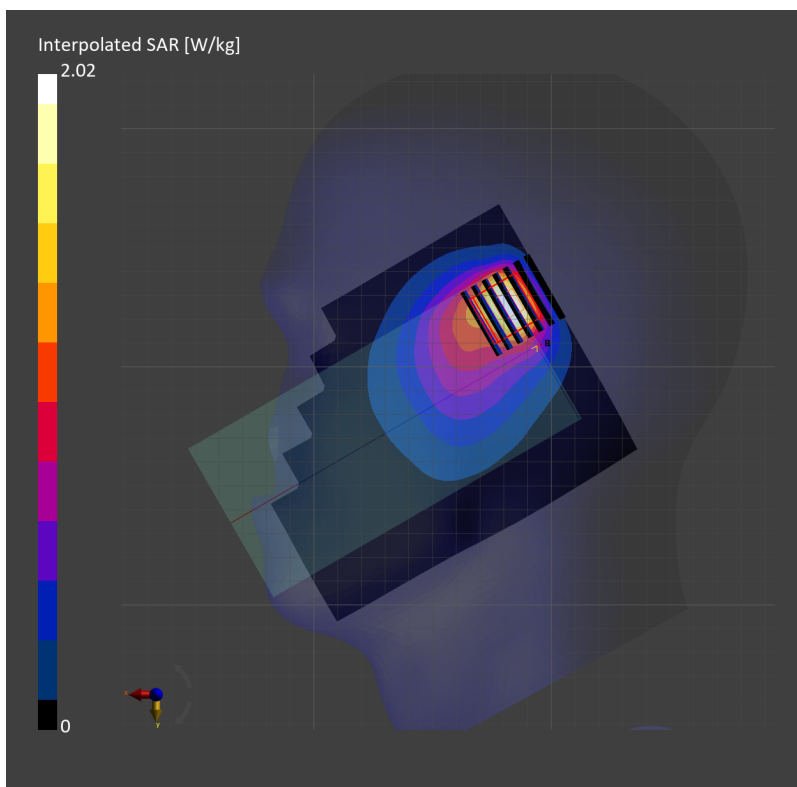
Communication System: 5G NR; Frequency: 707.500 MHz; Duty Cycle: 1:1
Medium: HSL_750_231016 Medium parameters used: $f=707.500$ MHz; $\sigma=0.884$ S/m; $\epsilon_r=42.1$
Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(10.58, 10.58, 10.58); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: RightHead
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10930-AAC

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.721 W/kg; SAR (10g) = 0.437 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 = -0.02 dB
SAR (1g) = 0.675 W/kg; SAR (8g) = 0.381 W/kg; SAR (10g) = 0.348 W/kg
Smallest distance from peaks to all points 3 dB below = 6.2 mm
Ratio of SAR at M2 to SAR at M1 = 65.4 %



#73_FR1 n25_40M_BPSK_1_1_Right Cheek_0mm_Ch376500

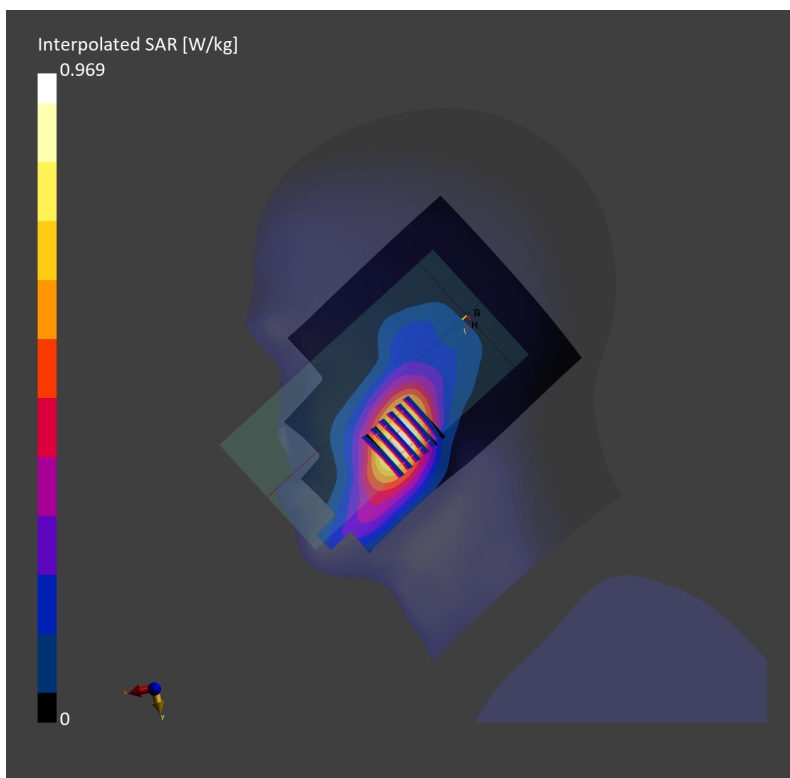
Communication System: 5G NR Frequency: 1882.500 MHz; Duty Cycle: 1:1
Medium: HSL_1900_230921 Medium parameters used: $f = 1882.500$ MHz; $\sigma = 1.40$ S/m; $\epsilon_r = 41.1$
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.36, 8.36, 8.36); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1696; Calibrated: 2022-11-09
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: RightHead
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10934-AAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.600 W/kg; SAR (10g) = 0.349 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 = 0.08 dB
SAR (1g) = 0.675 W/kg; SAR (8g) = 0.467 W/kg; SAR (10g) = 0.441 W/kg
Smallest distance from peaks to all points 3 dB below = 13.0 mm
Ratio of SAR at M2 to SAR at M1 = 89.7 %



#74_FR1 n26_20M_BPSK_1_1_Right Cheek_0mm_Ch166300

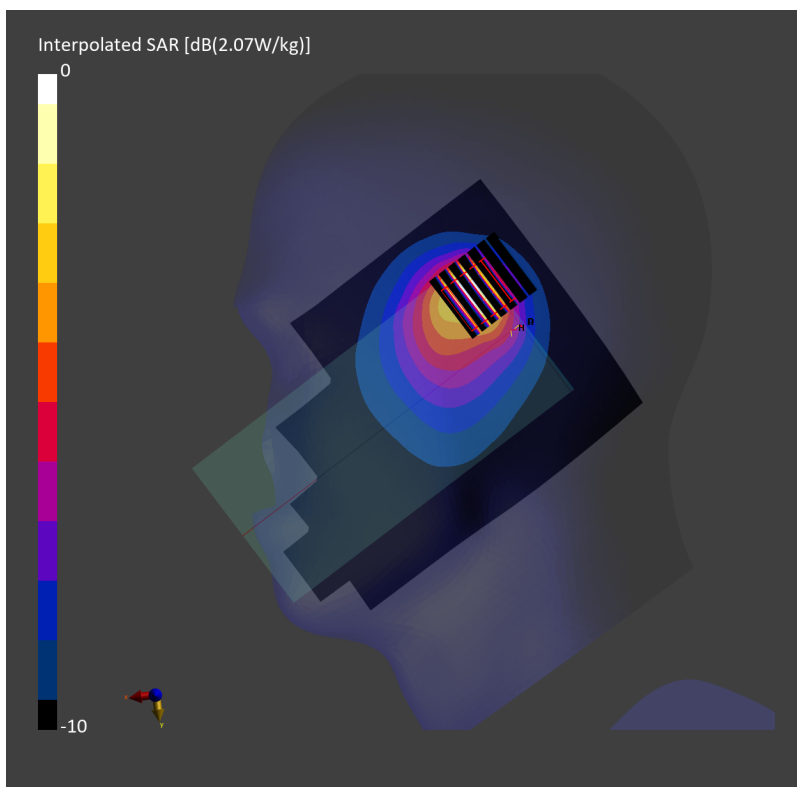
Communication System: 5G NR; Frequency: 831.500 MHz; Duty Cycle: 1:1
Medium: HSL_850_231013 Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 41.4$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(10.36, 10.36, 10.36); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: RightHead
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.729 W/kg; SAR (10g) = 0.456 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 = -0.01 dB
SAR (1g) = 0.733 W/kg; SAR (8g) = 0.428 W/kg; SAR (10g) = 0.394 W/kg
Smallest distance from peaks to all points 3 dB below = 6.2 mm
Ratio of SAR at M2 to SAR at M1 = 66.2 %



#75_FR1 n30_10M_BPSK_25_14_Left Cheek_0mm_Ch462000

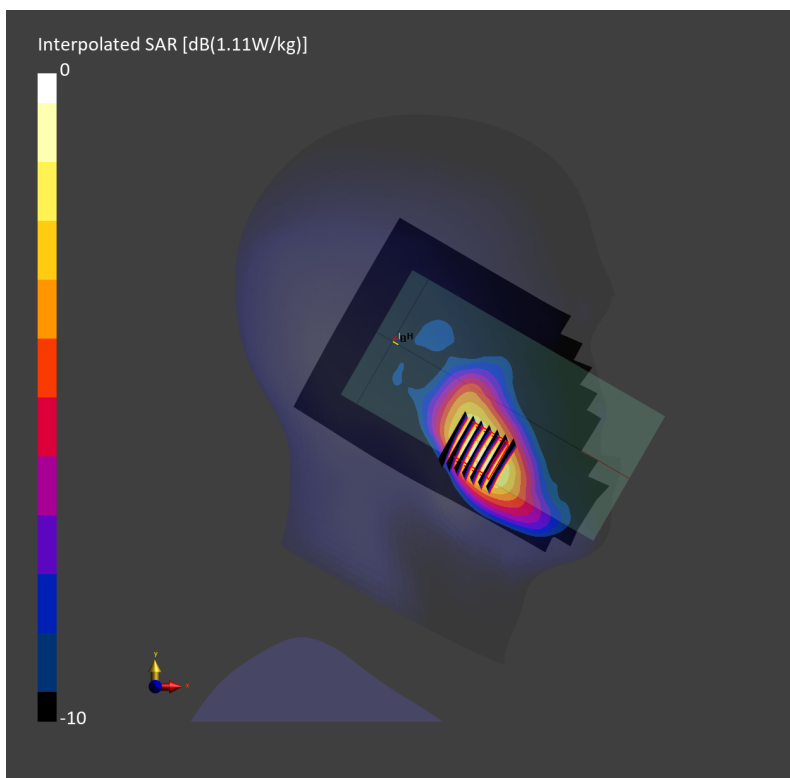
Communication System: 5G NR; Frequency: 2310.000 MHz; Duty Cycle: 1:1
Medium: HSL_2300_230922 Medium parameters used: $f = 2310.000$ MHz; $\sigma = 1.67$ S/m; $\epsilon_r = 39.9$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.93, 7.93, 7.93); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1696; Calibrated: 2022-11-09
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: LeftHead
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10937-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.683 W/kg; SAR (10g) = 0.360 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) = 0.694 W/kg; SAR (8g) = 0.432 W/kg; SAR (10g) = 0.402 W/kg
Smallest distance from peaks to all points 3 dB below = 11.1 mm
Ratio of SAR at M2 to SAR at M1 = 88.8 %



#76_FR1 n41_100M_BPSK_1_1_Left Cheek_0mm_Ch518598

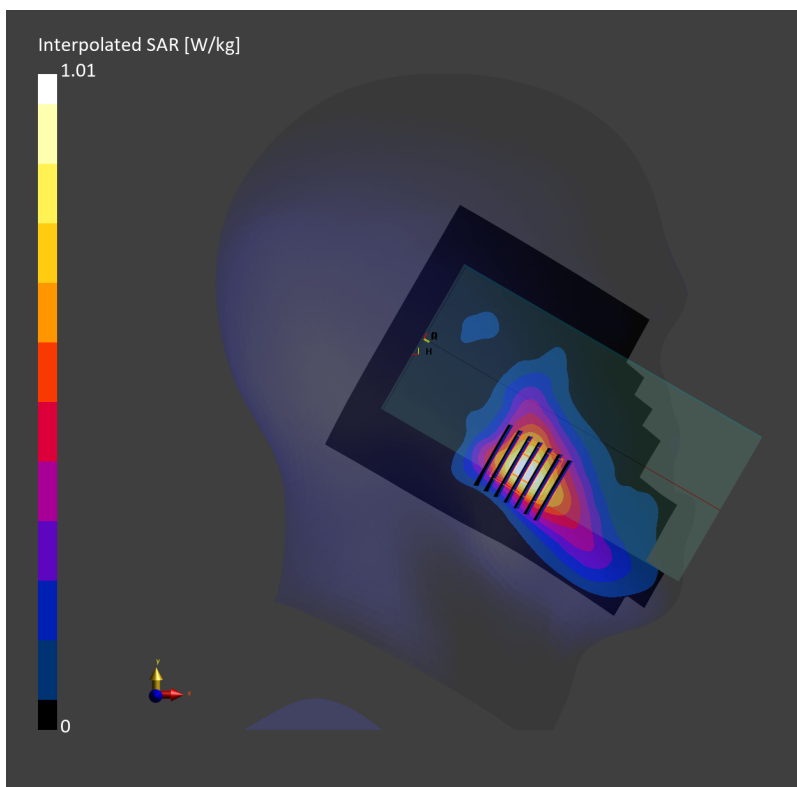
Communication System: 5G NR; Frequency: 2592.990 MHz; Duty Cycle: 1:1
Medium: HSL_2600_231012 Medium parameters used: $f = 2592.990$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 38.2$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(7.96, 7.96, 7.96); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: LeftHead
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.575 W/kg; SAR (10g) = 0.292 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 = 0.14 dB
SAR (1g) = 0.604 W/kg; SAR (8g) = 0.353 W/kg; SAR (10g) = 0.326 W/kg
Smallest distance from peaks to all points 3 dB below = 10.6 mm
Ratio of SAR at M2 to SAR at M1 = 86.0 %



#77_FR1 n70_15M_BPSK_36_22_Right Cheek_0mm_Ch340500

Communication System: 5G NR; Frequency: 1702.500 MHz; Duty Cycle: 1:1
Medium: HSL_1750_230914 Medium parameters used: $f=1702.500$ MHz; $\sigma=1.33$ S/m; $\epsilon_r=39.9$
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1696; Calibrated: 2022-11-09
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: RightHead
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10930-AAC

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.407 W/kg; SAR (10g) = 0.244 W/kg;

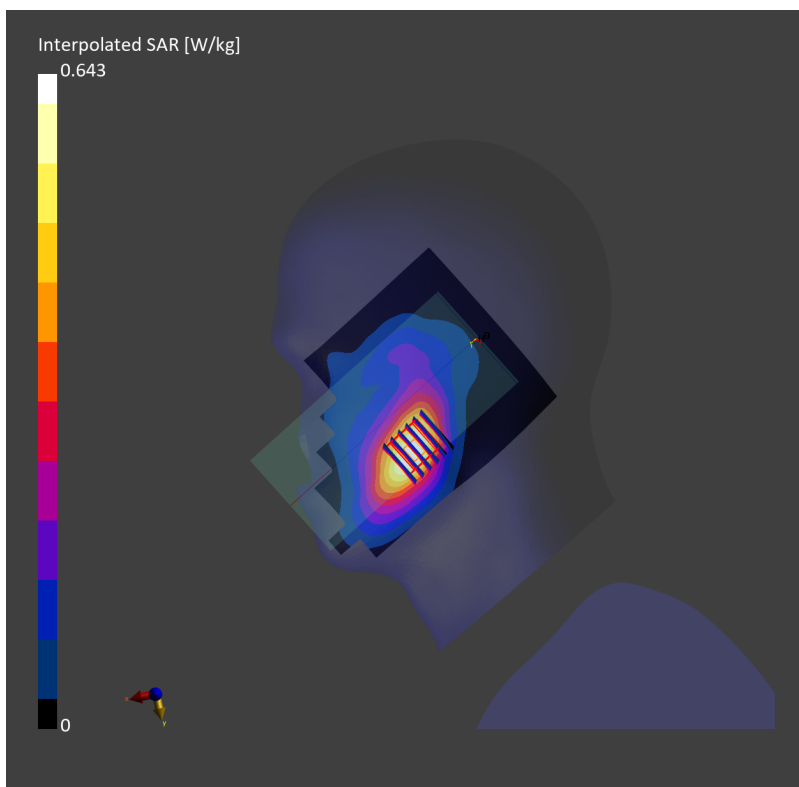
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.02 dB

SAR (1g) = 0.436 W/kg; SAR (8g) = 0.302 W/kg; SAR (10g) = 0.286 W/kg

Smallest distance from peaks to all points 3 dB below = 12.7 mm

Ratio of SAR at M2 to SAR at M1 = 90.0 %



#78_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_0mm_Ch12

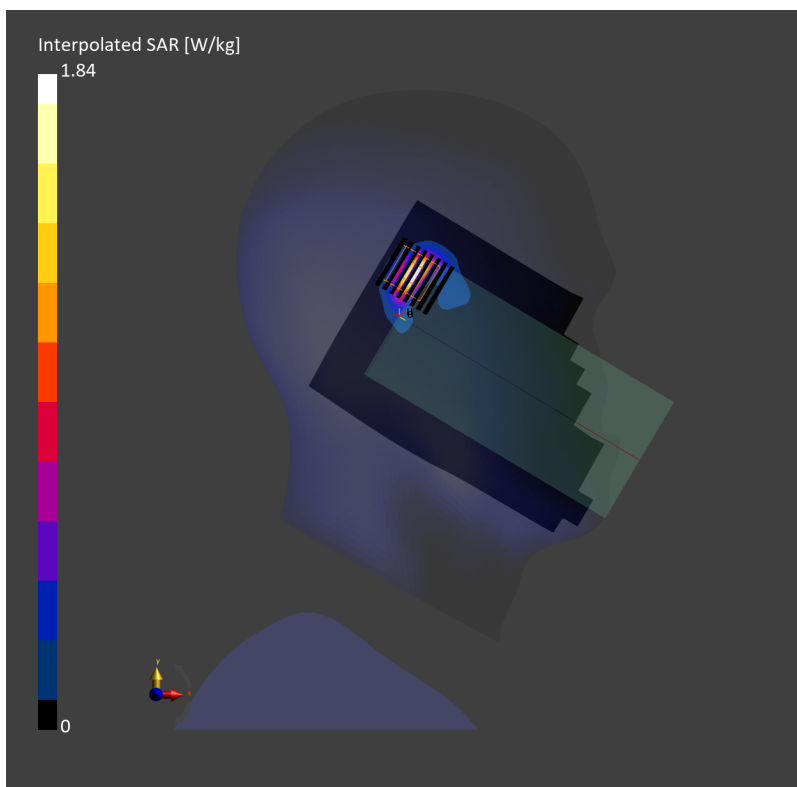
Communication System: IEEE 802.11b; Frequency: 2467.000 MHz; Duty Cycle: 1:1.012
Medium: HSL_2450_231007 Medium parameters used: $f = 2467.000$ MHz; $\sigma = 1.80$ S/m; $\epsilon_r = 38.5$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(6.6, 7.35, 6.64); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: LeftHead
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10012-CAB

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.740 W/kg; SAR (10g) = 0.276 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 4.3 mm x 4.3 mm x 1.5 mm
Power Drift = -0.19 dB
SAR (1g) = 0.768 W/kg; SAR (8g) = 0.325 W/kg; SAR (10g) = 0.286 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 75.9 %



#79_WLAN5GHz_802.11a 6Mbps_Right Cheek_0mm_Ch52

Communication System: IEEE 802.11a; Frequency: 5260.000 MHz; Duty Cycle: 1:1.070
Medium: HSL_5250_231014 Medium parameters used: $f = 5260.000$ MHz; $\sigma = 4.76$ S/m; $\epsilon_r = 36.9$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

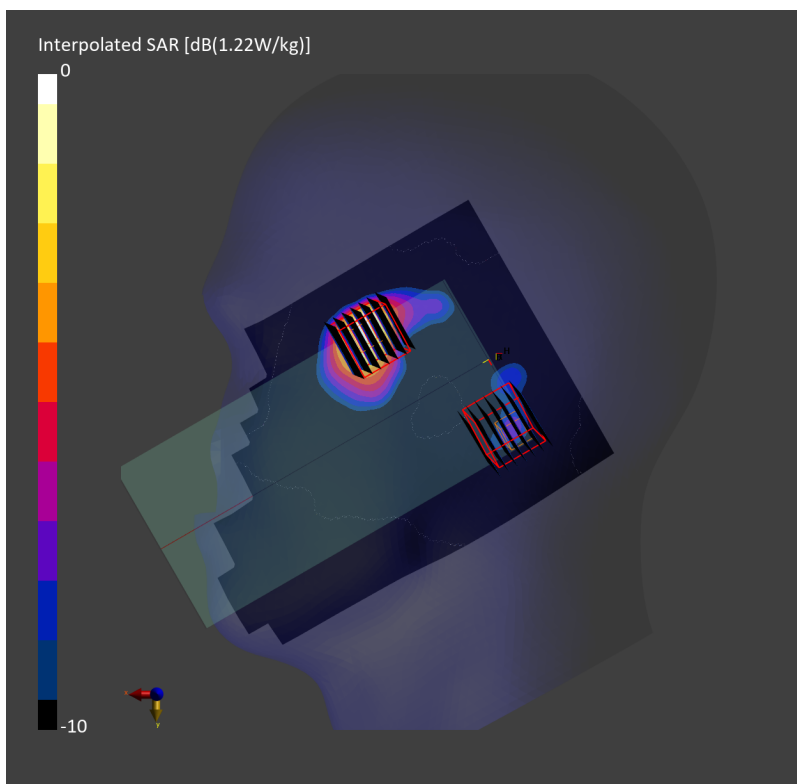
DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(5.18, 5.03, 5.06); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: RightHead
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10062-CAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.783 W/kg; SAR (10g) = 0.288 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 = -0.17 dB
SAR (1g) = 0.158 W/kg; SAR (8g) = 0.055 W/kg; SAR (10g) = 0.046 W/kg
Smallest distance from peaks to all points 3 dB below = 6.9 mm
Ratio of SAR at M2 to SAR at M1 = 67.3 %

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 = -0.17 dB
SAR (1g) = 1.00 W/kg; SAR (8g) = 0.361 W/kg; SAR (10g) = 0.314 W/kg
Smallest distance from peaks to all points 3 dB below = 6.9 mm
Ratio of SAR at M2 to SAR at M1 = 67.3 %



#80_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_0mm_Ch122

Communication System: IEEE 802.11ac; Frequency: 5610.000 MHz; Duty Cycle: 1:1.112
Medium: HSL_5G_231014 Medium parameters used: $f = 5610.000$ MHz; $\sigma = 5.14$ S/m; $\epsilon_r = 36.4$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

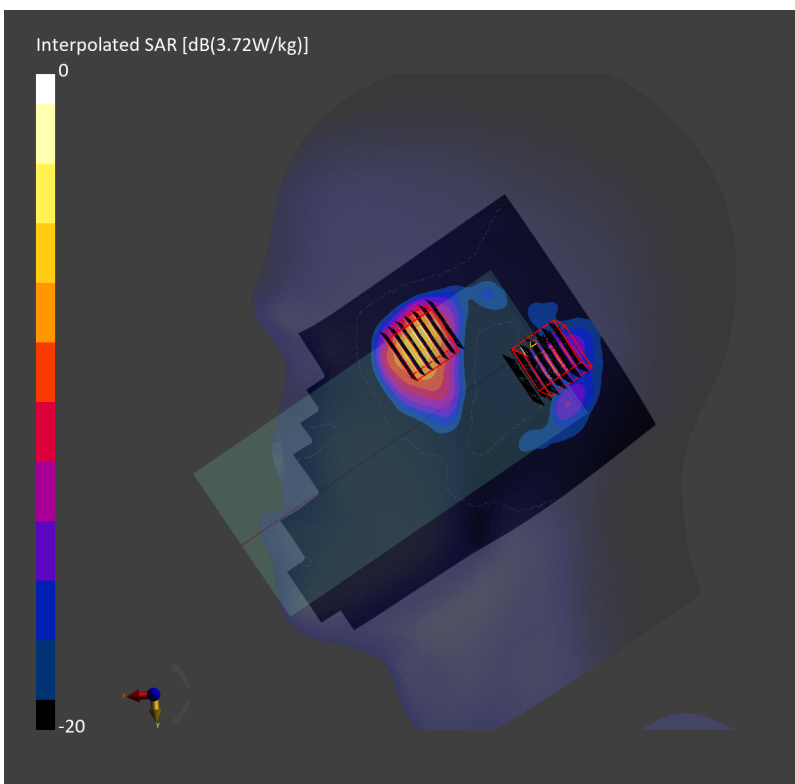
DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.43, 4.27, 4.42); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: RightHead
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10626-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.764 W/kg; SAR (10g) = 0.274 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 = -0.18 dB
SAR (1g) = 0.168 W/kg; SAR (8g) = 0.046 W/kg; SAR (10g) = 0.038 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 58.6 %

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 = -0.18 dB
SAR (1g) = 0.874 W/kg; SAR (8g) = 0.309 W/kg; SAR (10g) = 0.269 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 58.6 %



#81_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_0mm_Ch155

Communication System: IEEE 802.11ac; Frequency: 5775.000 MHz; Duty Cycle: 1:1.112
Medium: HSL_5G_231014 Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.32$ S/m; $\epsilon_r = 36.2$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

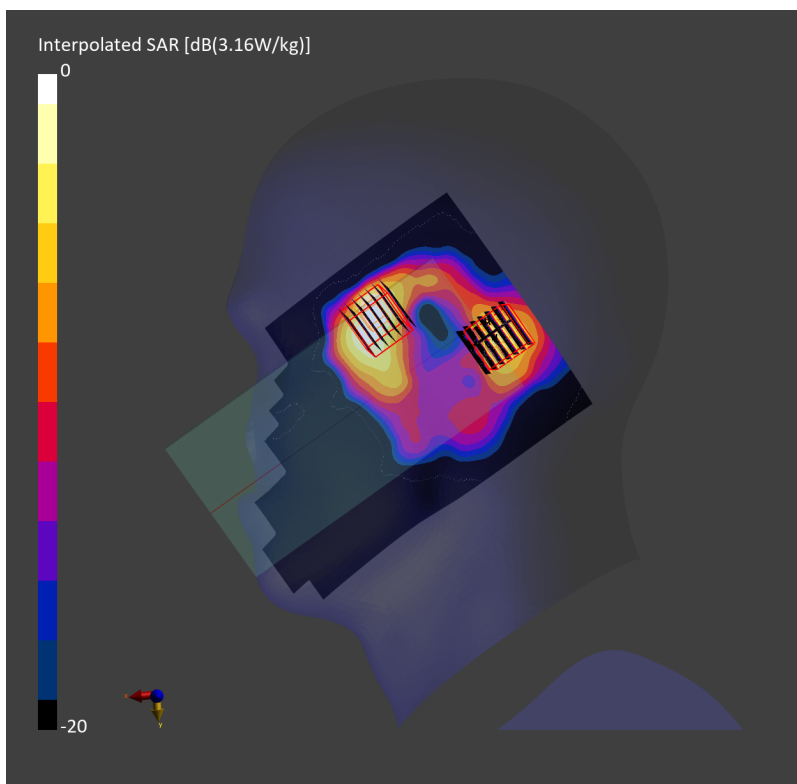
DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.56, 4.37, 4.41); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: RightHead
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10626-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.619 W/kg; SAR (10g) = 0.211 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 = -0.17 dB
SAR (1g) = 0.236 W/kg; SAR (8g) = 0.094 W/kg; SAR (10g) = 0.082 W/kg
Smallest distance from peaks to all points 3 dB below = 5.9 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 = -0.17 dB
SAR (1g) = 0.693 W/kg; SAR (8g) = 0.228 W/kg; SAR (10g) = 0.193 W/kg
Smallest distance from peaks to all points 3 dB below = 5.9 mm
Ratio of SAR at M2 to SAR at M1 = 63.1 %



#82_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_0mm_Ch171

Communication System: IEEE 802.11ac ; Frequency: 5855.000 MHz; Duty Cycle: 1:1.112
Medium: HSL_5G_231017 Medium parameters used: $f = 5855.000$ MHz; $\sigma = 5.45$ S/m; $\epsilon_r = 35.5$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

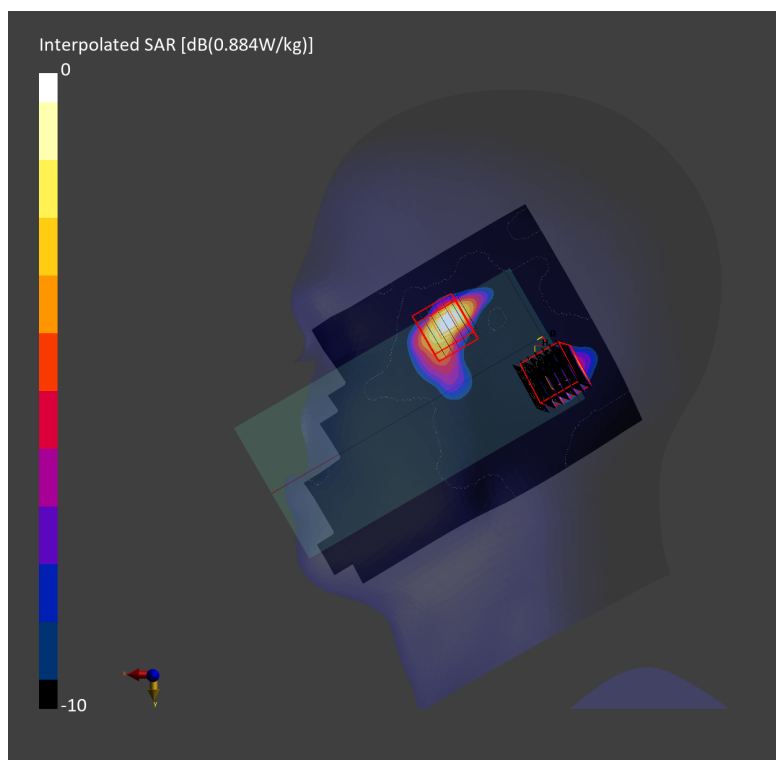
DASY6 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.95, 4.95, 4.95); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: RightHead
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10626-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.541 W/kg; SAR (10g) = 0.166 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 = -0.04 dB
SAR (1g) = 0.223 W/kg; SAR (8g) = 0.092 W/kg; SAR (10g) = 0.081 W/kg
Smallest distance from peaks to all points 3 dB below = 7.0 mm
Ratio of SAR at M2 to SAR at M1 = 63.3 %

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 = -0.04 dB
SAR (1g) = 0.665 W/kg; SAR (8g) = 0.212 W/kg; SAR (10g) = 0.183 W/kg
Smallest distance from peaks to all points 3 dB below = 7.0 mm
Ratio of SAR at M2 to SAR at M1 = 63.3 %



#83_WLAN6GHz_802.11ax-HE80 MCS0_Left Cheek_0mm_Ch7

Communication System: IEEE 802.11ax ; Frequency: 5985.000 MHz; Duty Cycle: 1:1.149
Medium: HSL_6G_231014 Medium parameters used: $f = 5985.000$ MHz; $\sigma = 5.36$ S/m; $\epsilon_r = 35.0$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(5.07, 5.47, 4.84); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: LeftHead
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10719-AAC

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.354 W/kg; SAR (10g) = 0.108 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

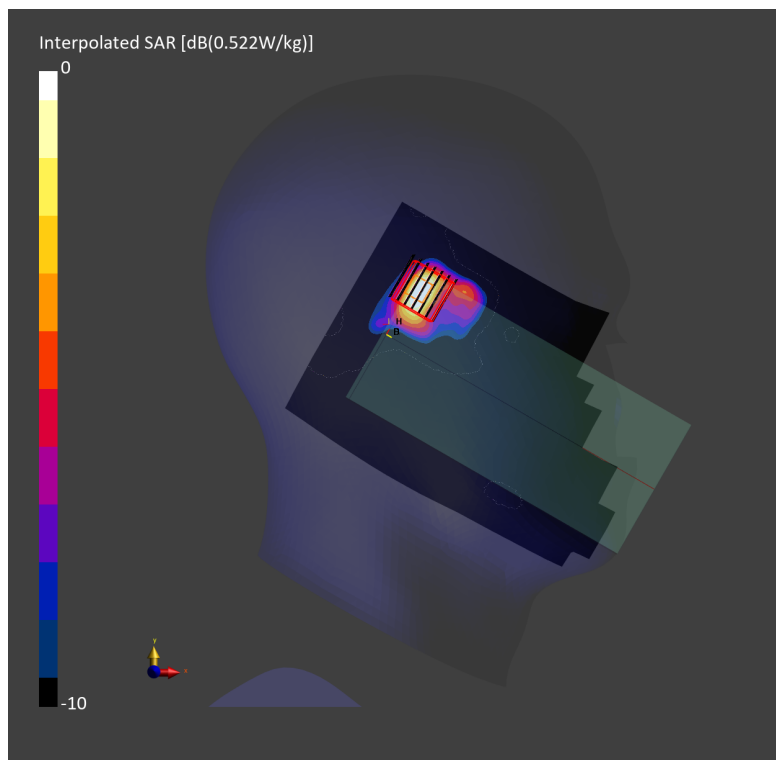
Power Drift = -0.08 dB

SAR (1g) = 0.3 W/kg; SAR (8g) = 0.098 W/kg; SAR (10g) = 0.085 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 51.4 %

psAPD (1.0cm², sq) = 4.11 [W/m²]; psAPD (4.0cm², sq) = 2.69 [W/m²]



#84_WLAN6GHz_802.11ax-HE80 MCS0_Right Cheek_0mm_Ch71

Communication System: IEEE 802.11ax ; Frequency: 6305.000 MHz; Duty Cycle: 1:1.149
Medium: HSL_6G_231014 Medium parameters used: $f = 6305.000$ MHz; $\sigma = 5.75$ S/m; $\epsilon_r = 34.5$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

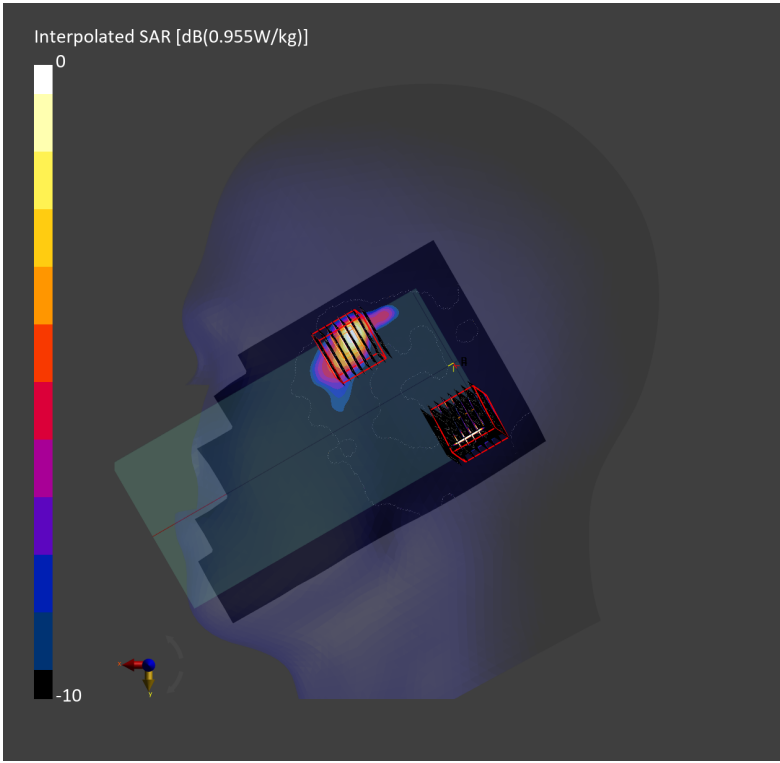
DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(5.07, 5.47, 4.84); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: RightHead
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10719-AAC

Area Scan (102.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.339 W/kg; SAR (10g) = 0.041 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 = -0.04 dB
SAR (1g) = 0.061 W/kg; SAR (8g) = 0.023 W/kg; SAR (10g) = 0.010 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 57.8 %
psAPD (1.0cm², sq) = 0.612 [W/m²]; psAPD (4.0cm², sq) = 0.236 [W/m²]

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 = -0.04 dB
SAR (1g) = 0.385 W/kg; SAR (8g) = 0.155 W/kg; SAR (10g) = 0.065 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 57.8 %
psAPD (1.0cm², sq) = 3.85 [W/m²]; psAPD (4.0cm², sq) = 1.53 [W/m²]



#85_Bluetooth_1Mbps_Left Cheek_0mm_Ch39

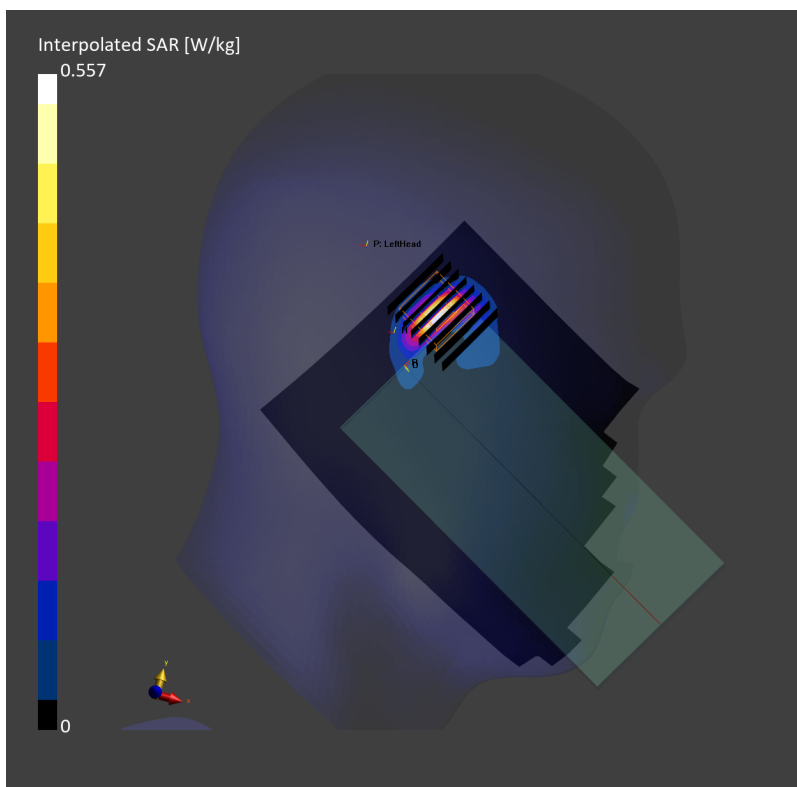
Communication System: IEEE Bluetooth; Frequency: 2441.000 MHz; Duty Cycle: 1:1.298
Medium: HSL_2450_231007 Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 38.6$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(6.6, 7.35, 6.64); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: LeftHead
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.236 W/kg; SAR (10g) = 0.085 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 = -0.06 dB
SAR (1g) = 0.236 W/kg; SAR (8g) = 0.10 W/kg; SAR (10g) = 0.088 W/kg
Smallest distance from peaks to all points 3 dB below = 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 79.8 %



#86_FR1 n12_15M_BPSK_1_1_Left Side_10mm_Ch141500

Communication System: 5G NR ; Frequency: 707.500 MHz; Duty Cycle: 1:1

Medium: HSL_750_230912 Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.867$ S/m; $\epsilon_r = 42.2$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.51, 10.51, 10.51); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1696; Calibrated: 2022-11-09
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10930-AAC

Area Scan (48.0 mm x 210.0 mm): Measurement Grid: 8.0 mm x 15.0 mm

SAR (1g) = 0.358 W/kg; SAR (10g) = 0.246 W/kg;

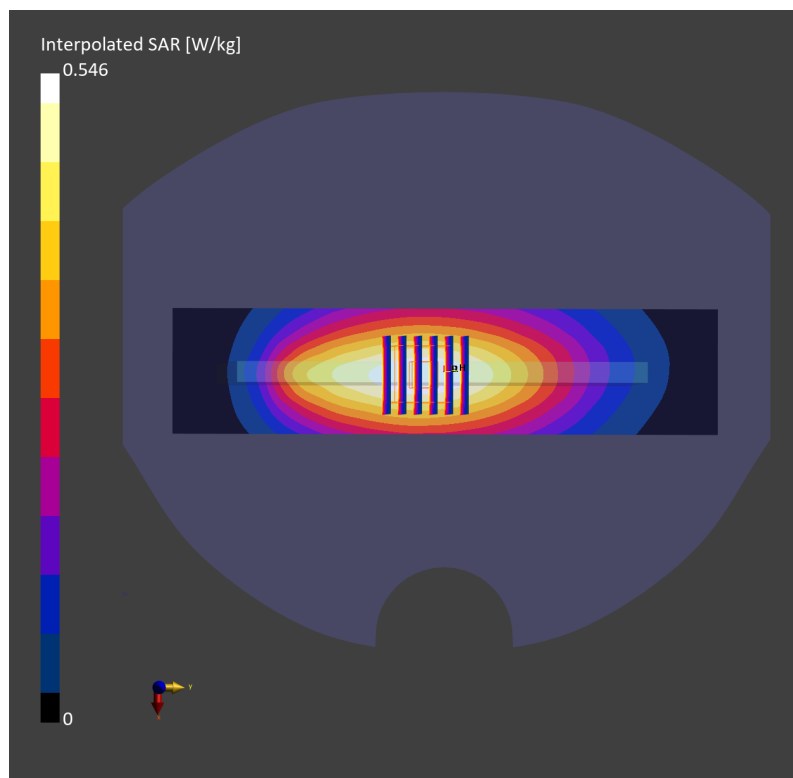
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.367 W/kg; SAR (8g) = 0.268 W/kg; SAR (10g) = 0.256 W/kg

Smallest distance from peaks to all points 3 dB below = > 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 87.4 %



#87_FR1 n25_40M_BPSK_108_54_Left Side_10mm_Ch376500

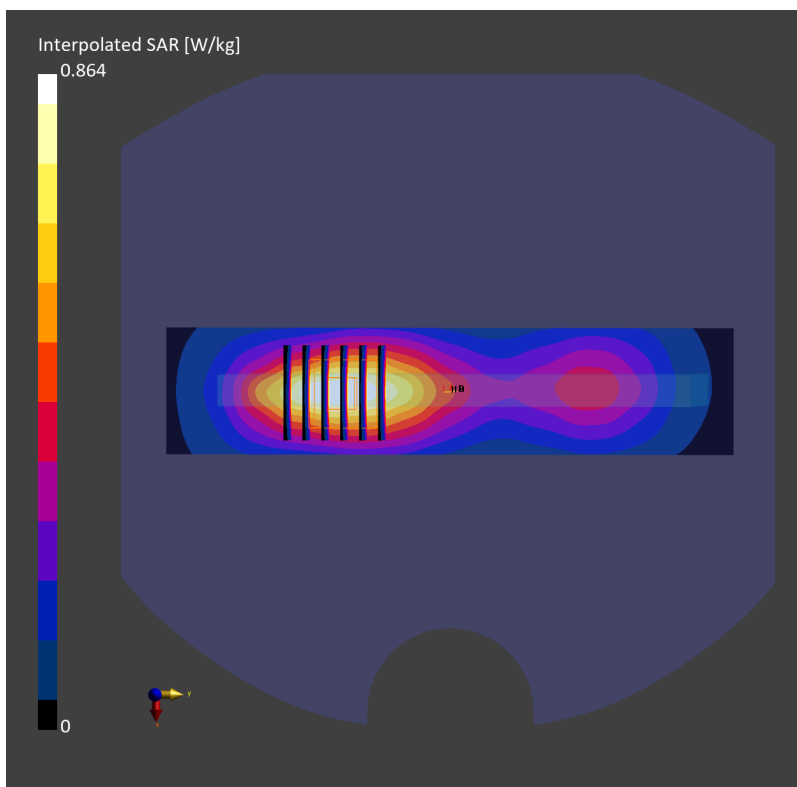
Communication System: 5G NR ; Frequency: 1882.500 MHz; Duty Cycle: 1:1
Medium: HSL_1900_231014 Medium parameters used: $f = 1882.500$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 38.8$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(8.75, 8.75, 8.75); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10942-AAC

Area Scan (40.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 0.522 W/kg; SAR (10g) = 0.291 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 = -0.02 dB
SAR (1g) = 0.528 W/kg; SAR (8g) = 0.329 W/kg; SAR (10g) = 0.306 W/kg
Smallest distance from peaks to all points 3 dB below = 12.0 mm
Ratio of SAR at M2 to SAR at M1 = 86.3 %



#88_FR1 n26_20M_BPSK_1_1_Left Side_10mm_Ch166300

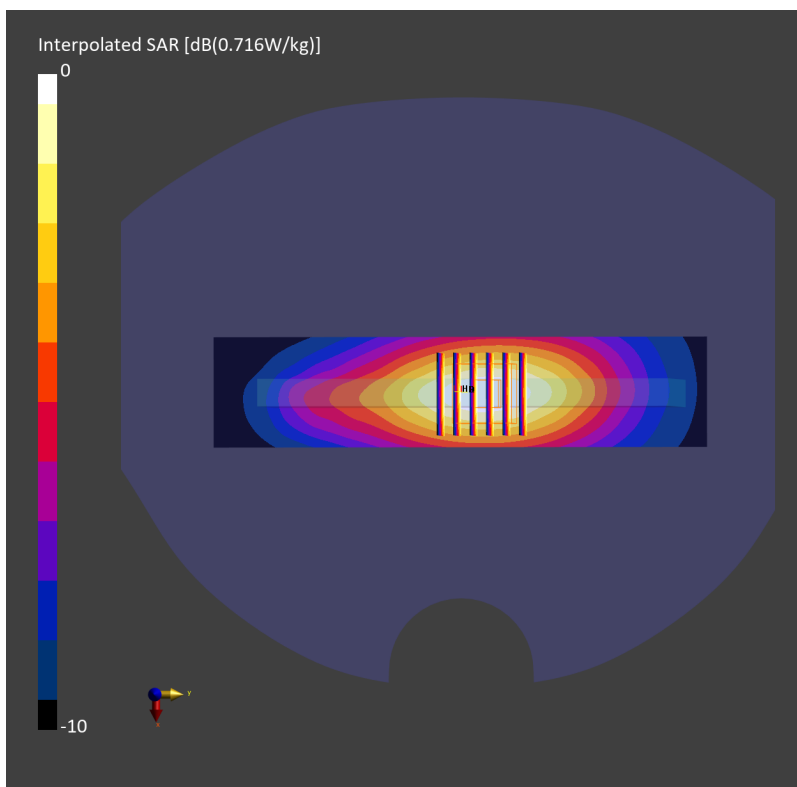
Communication System: 5G NR; Frequency: 831.500 MHz; Duty Cycle: 1:1
Medium: HSL_850_231013 Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 41.4$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(10.36, 10.36, 10.36); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (40.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 0.509 W/kg; SAR (10g) = 0.342 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 = -0.02 dB
SAR (1g) = 0.507 W/kg; SAR (8g) = 0.364 W/kg; SAR (10g) = 0.347 W/kg
Smallest distance from peaks to all points 3 dB below = > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 90.4 %



#89_FR1 n30_10M_BPSK_25_0_Left Side_10mm_Ch462000

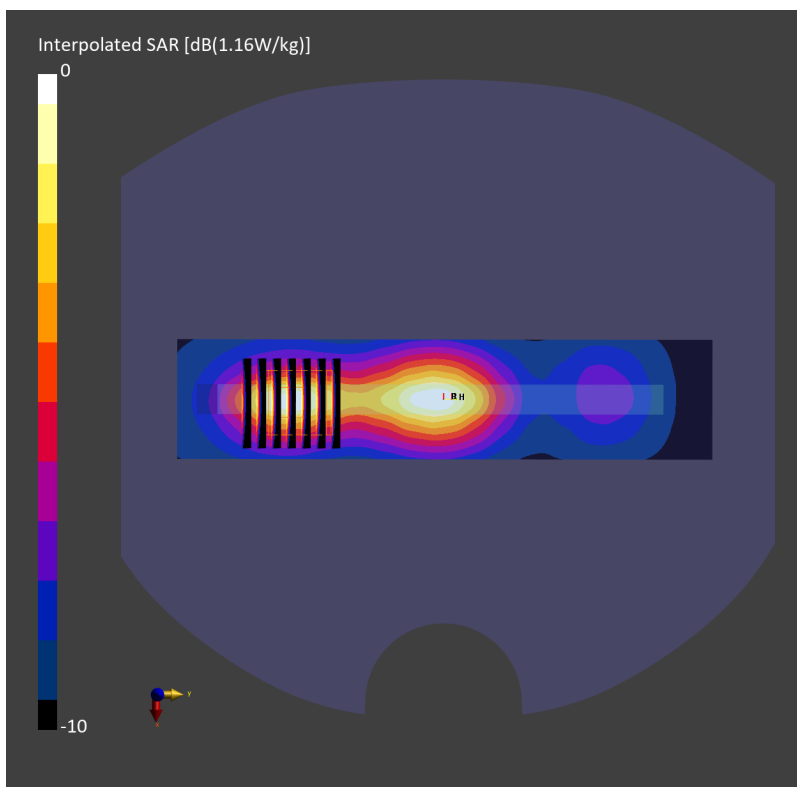
Communication System: 5G NR; Frequency: 2310.000 MHz; Duty Cycle: 1:1
Medium: HSL_2300_231015 Medium parameters used: $f = 2310.000$ MHz; $\sigma = 1.62$ S/m; $\epsilon_r = 39.3$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(8.37, 8.37, 8.37); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10937-AAD

Area Scan (40.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.620 W/kg; SAR (10g) = 0.328 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) = 0.621 W/kg; SAR (8g) = 0.339 W/kg; SAR (10g) = 0.310 W/kg
Smallest distance from peaks to all points 3 dB below = 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 83.0 %



#90_FR1 n41_100M_BPSK_1_1_Left Side_10mm_Ch518598

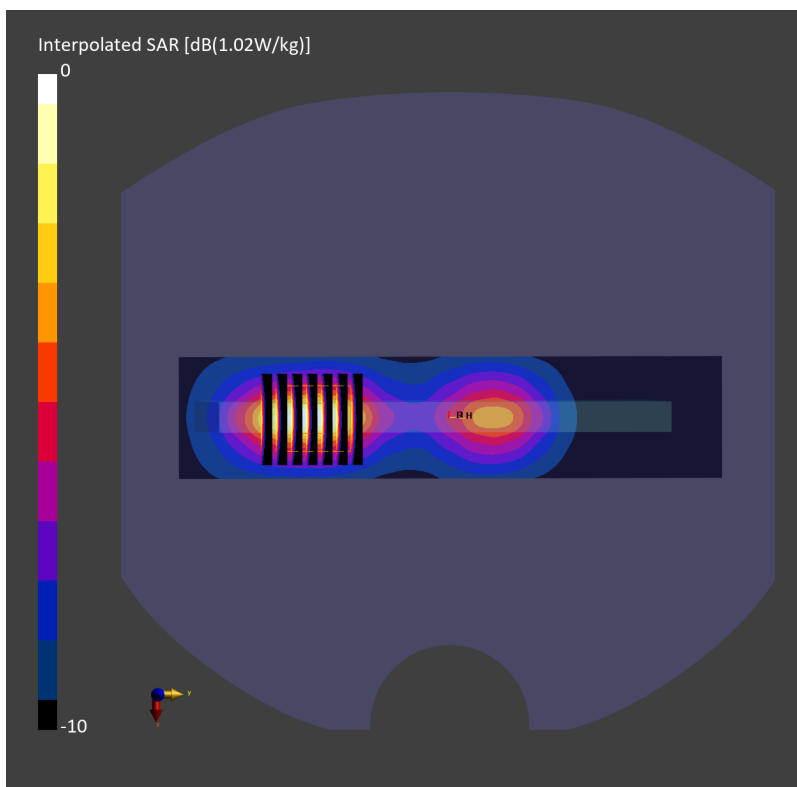
Communication System: 5G NR; Frequency: 2592.990 MHz; Duty Cycle: 1:1
Medium: HSL_2600_231010 Medium parameters used: $f = 2592.990$ MHz; $\sigma = 1.91$ S/m; $\epsilon_r = 38.1$
Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(7.96, 7.96, 7.96); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (40.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.520 W/kg; SAR (10g) = 0.247 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) = 0.527 W/kg; SAR (8g) = 0.282 W/kg; SAR (10g) = 0.257 W/kg
Smallest distance from peaks to all points 3 dB below = 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 82.1 %



#91_FR1 n70_15M_BPSK_36_22_Bottom Side_10mm_Ch340500

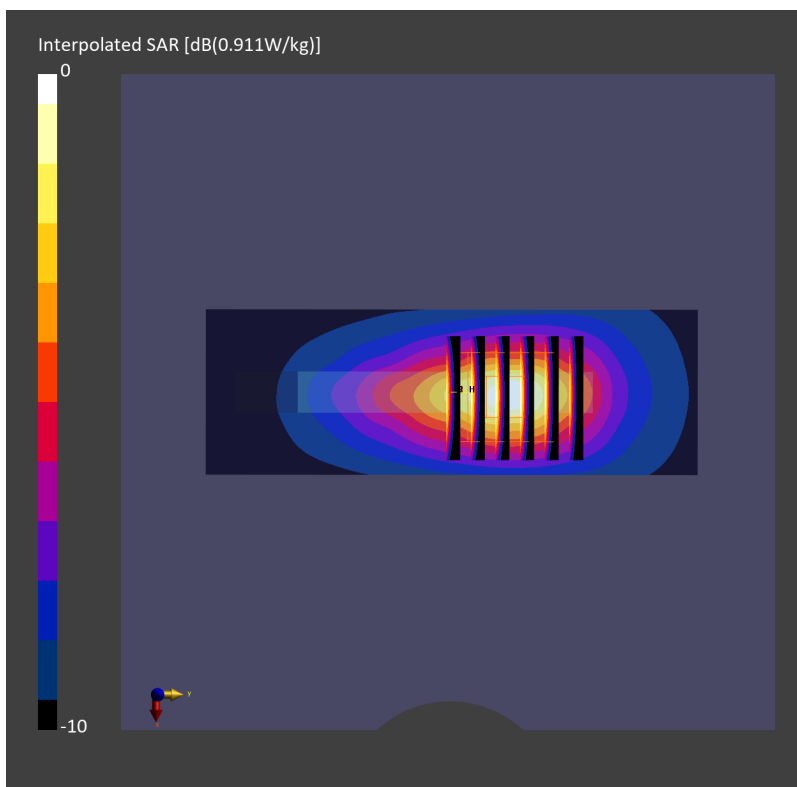
Communication System: 5G NR; Frequency: 1702.500 MHz; Duty Cycle: 1:1
Medium: HSL_1750_231014 Medium parameters used: $f=1702.500$ MHz; $\sigma=1.32$ S/m; $\epsilon_r=40.4$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(9.21, 9.21, 9.21); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10938-AAC

Area Scan (40.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 0.518 W/kg; SAR (10g) = 0.279 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 = -0.01 dB
SAR (1g) = 0.527 W/kg; SAR (8g) = 0.314 W/kg; SAR (10g) = 0.290 W/kg
Smallest distance from peaks to all points 3 dB below = 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 85.0 %



#92_WLAN2.4GHz_802.11b 1Mbps_Top Side_10mm_Ch12

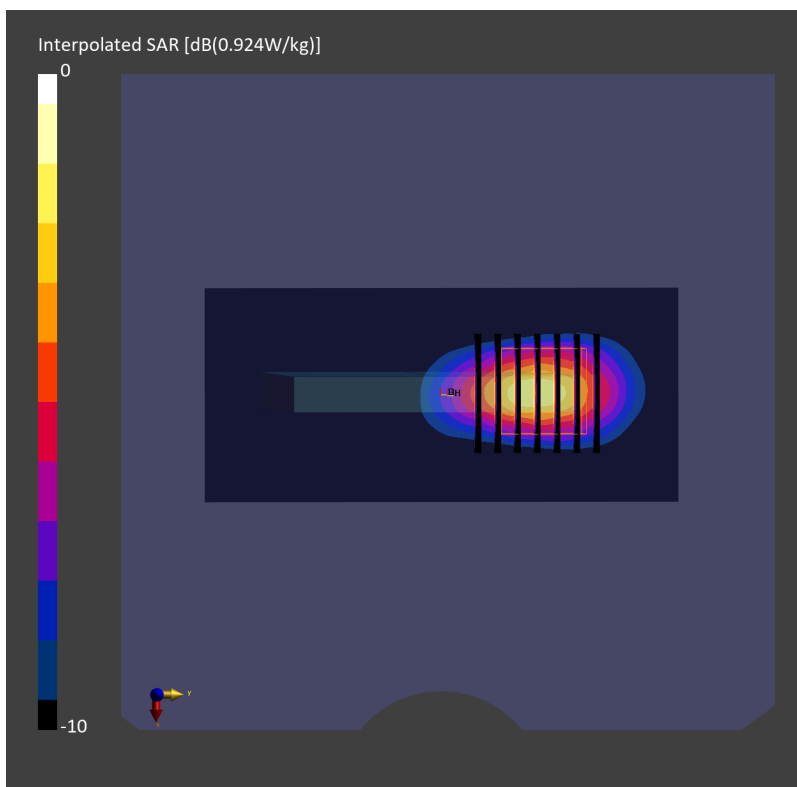
Communication System: IEEE 802.11b; Frequency: 2467.000 MHz; Duty Cycle: 1:1.012
Medium: HSL_2450_231018 Medium parameters used: $f = 2467.000$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 38.6$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.78, 6.52, 6.53); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10012-CAB

Area Scan (54.0 mm x 120.0 mm): Measurement Grid: 9.0 mm x 10.0 mm
SAR (1g) = 0.445 W/kg; SAR (10g) = 0.197 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) = 0.463 W/kg; SAR (8g) = 0.232 W/kg; SAR (10g) = 0.209 W/kg
Smallest distance from peaks to all points 3 dB below = 8.0 mm
Ratio of SAR at M2 to SAR at M1 = 81.3 %



#93_WLAN5GHz_802.11a 6Mbps_Right Side_10mm_Ch44

Communication System: IEEE 802.11a ; Frequency: 5220.000 MHz; Duty Cycle: 1:1.07
Medium: HSL_5G_231016 Medium parameters used: $f = 5220.000$ MHz; $\sigma = 4.80$ S/m; $\epsilon_r = 36.5$
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(4.93, 5.47, 4.85); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10062-CAE

Area Scan (40.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.326 W/kg; SAR (10g) = 0.118 W/kg;

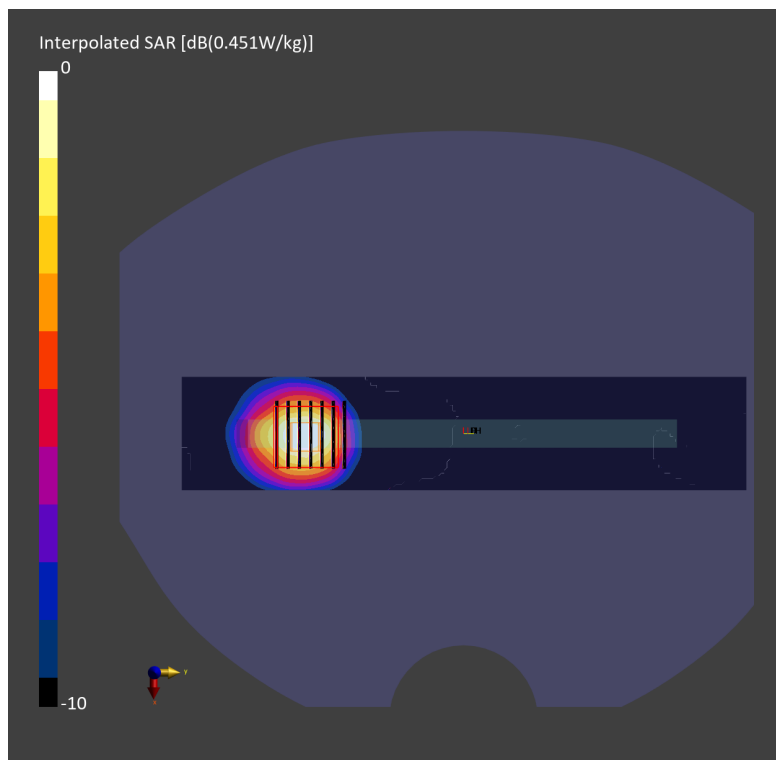
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.18 dB

SAR (1g) = 0.329 W/kg; SAR (8g) = 0.128 W/kg; SAR (10g) = 0.111 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.5 %



#94_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch157

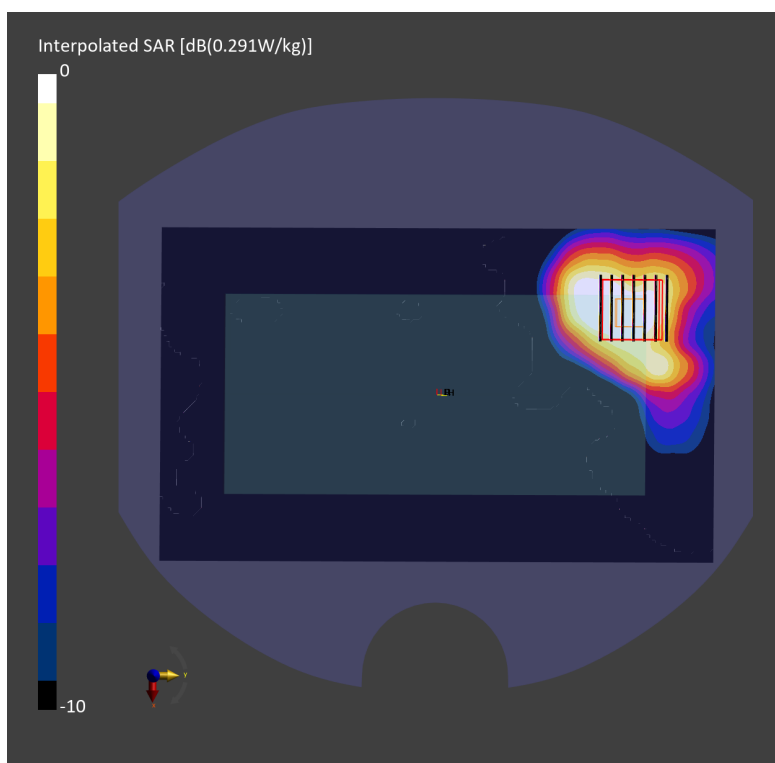
Communication System: IEEE 802.11a; Frequency: 5785.000 MHz; Duty Cycle: 1:1.07
Medium: HSL_5G_231016 Medium parameters used: $f = 5785.000$ MHz; $\sigma = 5.41$ S/m; $\epsilon_r = 35.7$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(4.44, 4.92, 4.4); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10317-AAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.326 W/kg; SAR (10g) = 0.121 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) = 0.291 W/kg; SAR (8g) = 0.120 W/kg; SAR (10g) = 0.106 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 61.8 %



#95_Bluetooth_1Mbps_Left Side_10mm_Ch78

Communication System: IEEE 802.15.1 Bluetooth; Frequency: 2480.000 MHz; Duty Cycle: 1:1.298

Medium: HSL_2450_231012 Medium parameters used: $f = 2480.000$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 38.8$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(6.6, 7.35, 6.64); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (40.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.470 W/kg; SAR (10g) = 0.221 W/kg;

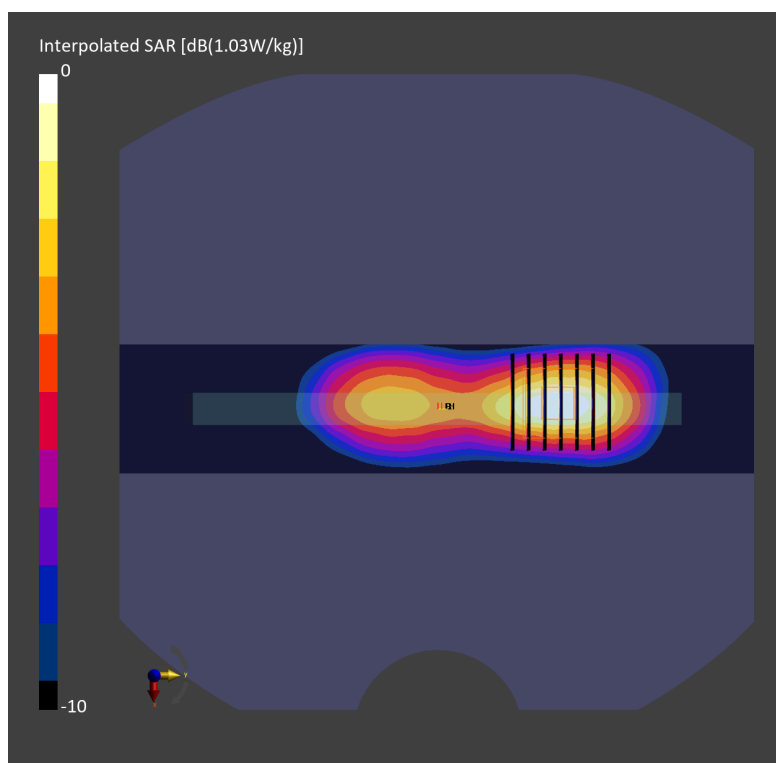
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.503 W/kg; SAR (8g) = 0.258 W/kg; SAR (10g) = 0.234 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 80.0 %



#96_FR1 n12_15M_BPSK_36_22_Back_10mm_Ch141500

Communication System: 5G NR ; Frequency: 707.500 MHz; Duty Cycle: 1:1
Medium: HSL_750_230912 Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.867$ S/m; $\epsilon_r = 42.2$
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.51, 10.51, 10.51); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1696; Calibrated: 2022-11-09
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10938-AAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.330 W/kg; SAR (10g) = 0.233 W/kg;

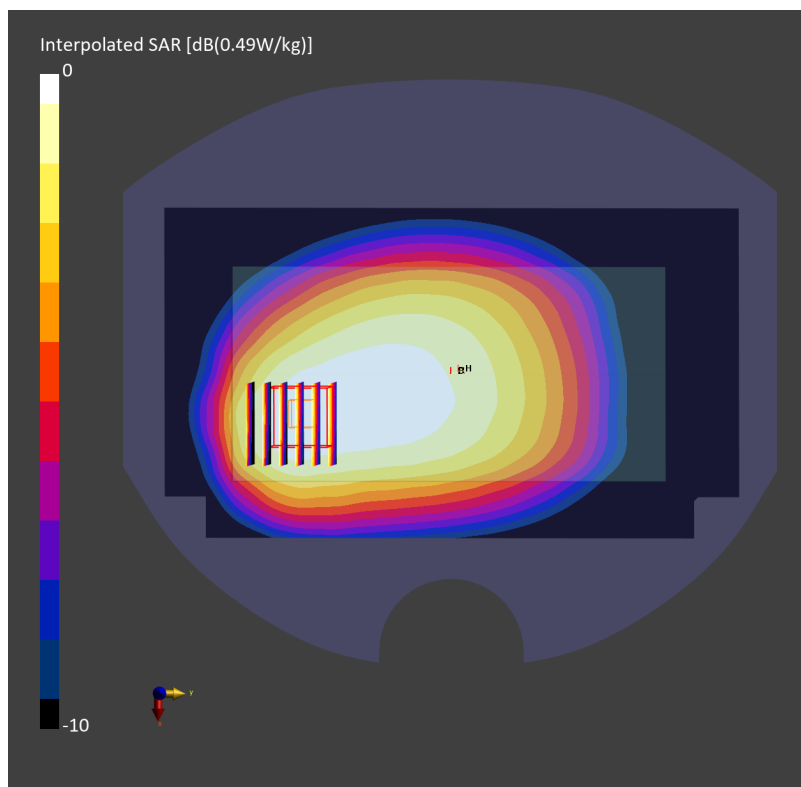
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.336 W/kg; SAR (8g) = 0.251 W/kg; SAR (10g) = 0.239 W/kg

Smallest distance from peaks to all points 3 dB below = > 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 87.0 %



#97_FR1 n25_40M_BPSK_108_54_Back_10mm_Ch376500

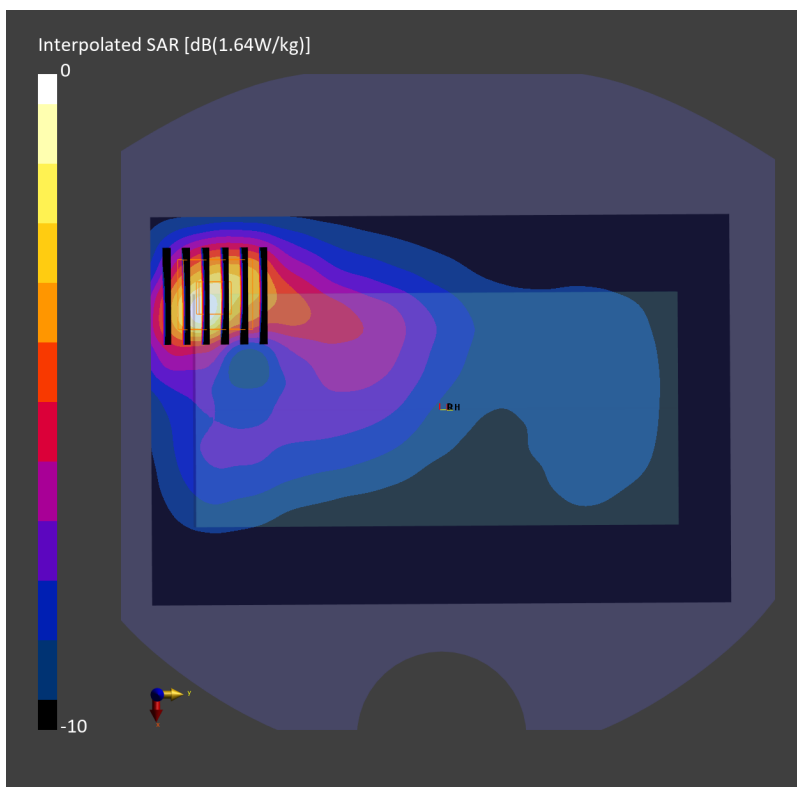
Communication System: 5G NR; Frequency: 1882.500 MHz; Duty Cycle: 1:1
Medium: HSL_1900_231014 Medium parameters used: $f = 1882.500$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 38.8$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(8.75, 8.75, 8.75); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10942-AAC

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.522 W/kg; SAR (10g) = 0.287 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 = -0.05 dB
SAR (1g) = 0.597 W/kg; SAR (8g) = 0.329 W/kg; SAR (10g) = 0.302 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 61.3 %



#98_FR1 n26_20M_BPSK_50_28_Front_10mm_Ch166300

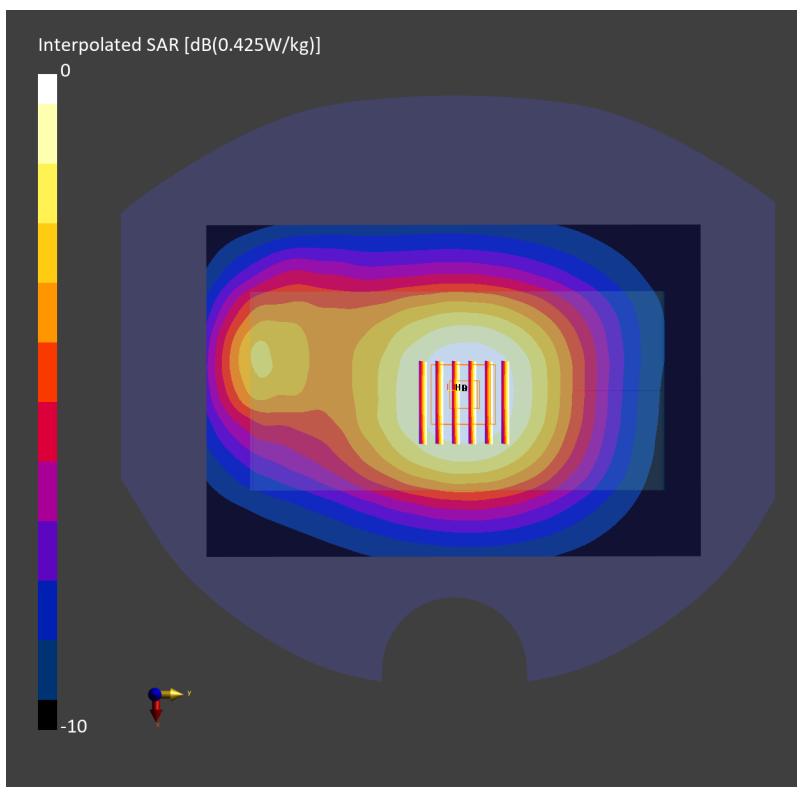
Communication System: 5G NR; Frequency: 831.500 MHz; Duty Cycle: 1:1
Medium: HSL_850_231013 Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 41.4$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(10.36, 10.36, 10.36); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.339 W/kg; SAR (10g) = 0.241 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 = -0.02 dB
SAR (1g) = 0.351 W/kg; SAR (8g) = 0.282 W/kg; SAR (10g) = 0.273 W/kg
Smallest distance from peaks to all points 3 dB below = > 15.0 mm
Ratio of SAR at M2 to SAR at M1 = 94.7 %



#99_FR1 n30_10M_BPSK_25_14_Back_10mm_Ch462000

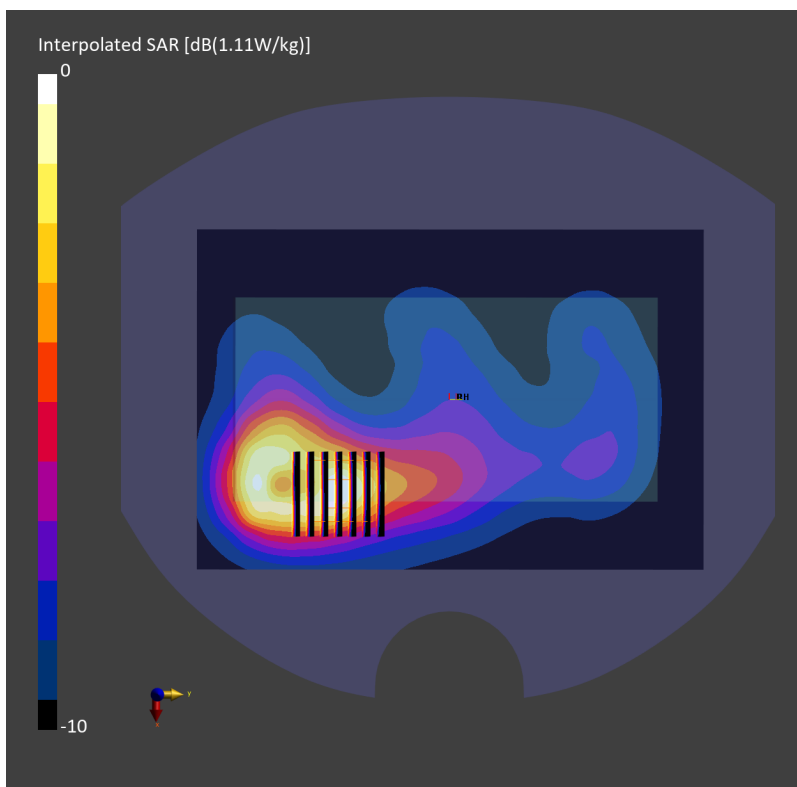
Communication System: 5G NR; Frequency: 2310.000 MHz; Duty Cycle: 1:1
Medium: HSL_2300_231015 Medium parameters used: $f = 2310.000$ MHz; $\sigma = 1.62$ S/m; $\epsilon_r = 39.3$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(8.37, 8.37, 8.37); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10937-AAD

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.613 W/kg; SAR (10g) = 0.337 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 = -0.07 dB
SAR (1g) = 0.639 W/kg; SAR (8g) = 0.381 W/kg; SAR (10g) = 0.353 W/kg
Smallest distance from peaks to all points 3 dB below = 13.2 mm
Ratio of SAR at M2 to SAR at M1 = 84.4 %



#100_FR1 n41_100M_BPSK_1_1_Front_10mm_Ch518598

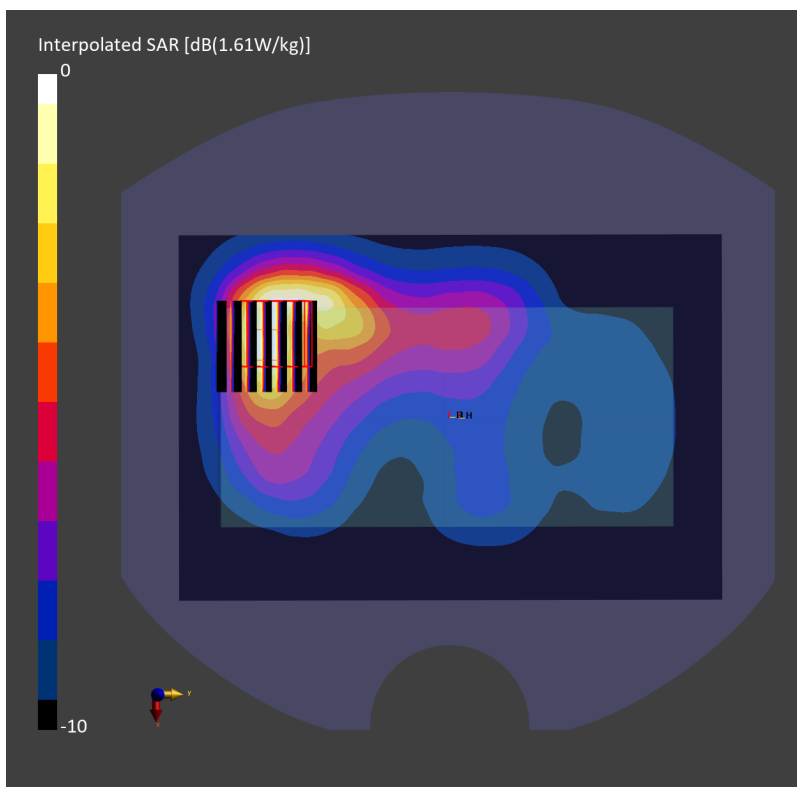
Communication System: 5G NR; Frequency: 2592.990 MHz; Duty Cycle: 1:1
Medium: HSL_2600_231010 Medium parameters used: $f = 2592.990$ MHz; $\sigma = 1.91$ S/m; $\epsilon_r = 38.1$
Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(7.96, 7.96, 7.96); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.810 W/kg; SAR (10g) = 0.438 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 = -0.06 dB
SAR (1g) = 0.824 W/kg; SAR (8g) = 0.470 W/kg; SAR (10g) = 0.435 W/kg
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 81.1 %



#101_FR1 n70_15M_BPSK_36_22_Back_10mm_Ch340500

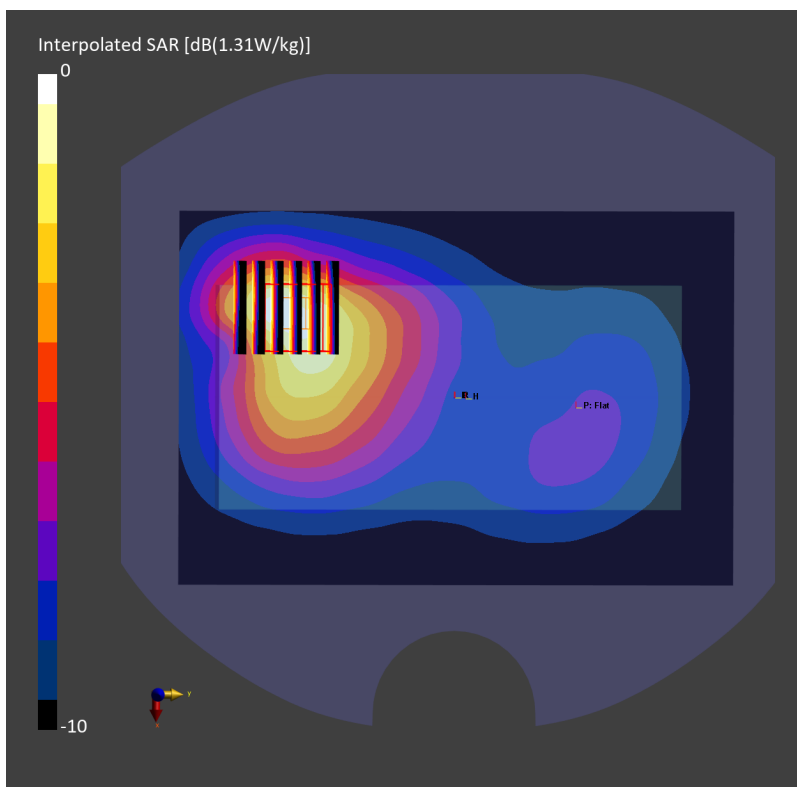
Communication System: 5G NR; Frequency: 1702.500 MHz; Duty Cycle: 1:1
Medium: HSL_1750_231014 Medium parameters used: $f = 1702.500$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 40.4$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(9.21, 9.21, 9.21); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10938-AAC

Area Scan (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.780 W/kg; SAR (10g) = 0.477 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 = -0.00 dB
SAR (1g) = 0.770 W/kg; SAR (8g) = 0.507 W/kg; SAR (10g) = 0.472 W/kg
Smallest distance from peaks to all points 3 dB below = 14.4 mm
Ratio of SAR at M2 to SAR at M1 = 84.6 %



#102_WLAN2.4GHz_802.11g 6Mbps_Front_10mm_Ch6

Communication System: IEEE 802.11g ; Frequency: 2437.000 MHz; Duty Cycle: 1:1.07
Medium: HSL_2450_231012 Medium parameters used: $f = 2437.000$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 39.0$
Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

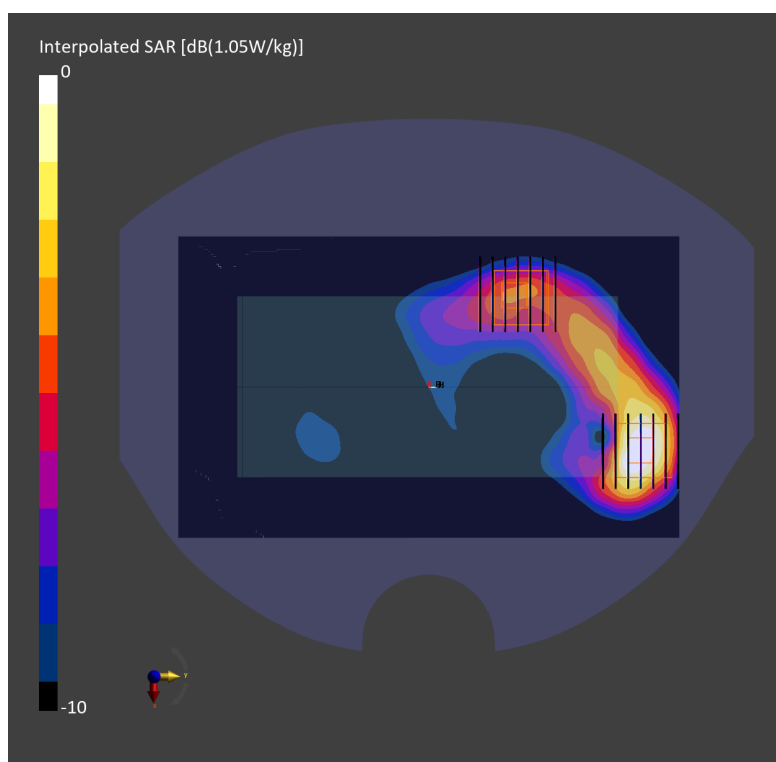
DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(6.6, 7.35, 6.64); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10013-CAB

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.529 W/kg; SAR (10g) = 0.257 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) = 0.529 W/kg; SAR (8g) = 0.284 W/kg; SAR (10g) = 0.257 W/kg
Smallest distance from peaks to all points 3 dB below = 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 79.5 %

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) = 0.217 W/kg; SAR (8g) = 0.122 W/kg; SAR (10g) = 0.113 W/kg
Smallest distance from peaks to all points 3 dB below = 10.0 mm
Ratio of SAR at M2 to SAR at M1 = 79.5 %



#103_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch52

Communication System: IEEE 802.11a; Frequency: 5260.000 MHz; Duty Cycle: 1:1.07
Medium: HSL_5G_231018 Medium parameters used: $f = 5260.000$ MHz; $\sigma = 4.71$ S/m; $\epsilon_r = 36.8$
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

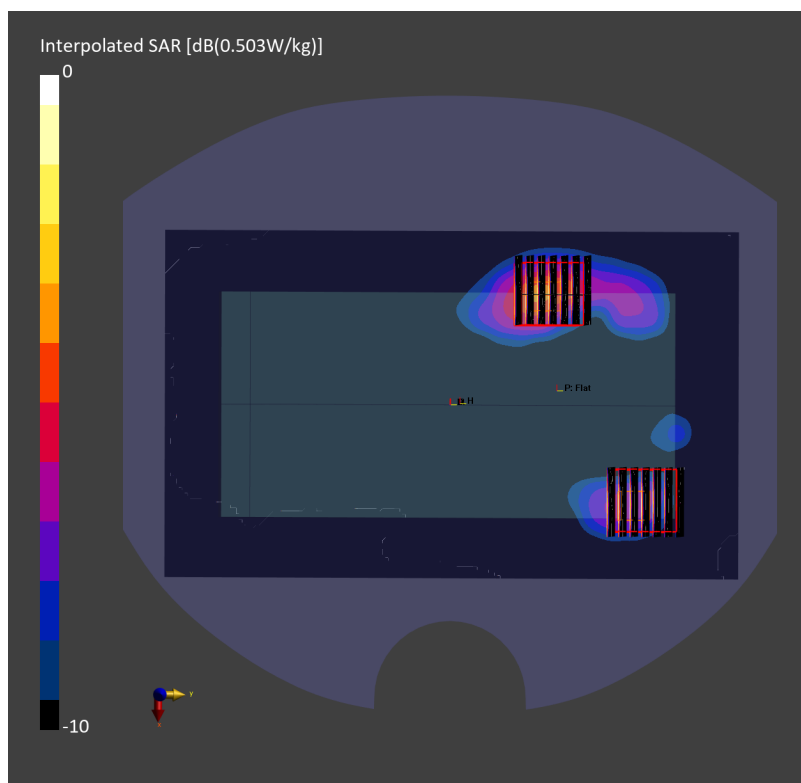
DASY8 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(5.84, 5.74, 6.7); Calibrated: 2023-07-18
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn661; Calibrated: 2023-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10062-CAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.148 W/kg; SAR (10g) = 0.057 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 = -0.04 dB
SAR (1g) = 0.094 W/kg; SAR (8g) = 0.037 W/kg; SAR (10g) = 0.032 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 67.2 %

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 = -0.04 dB
SAR (1g) = 0.157 W/kg; SAR (8g) = 0.064 W/kg; SAR (10g) = 0.057 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 67.2 %



#104_WLAN5GHz_802.11n-HT20 MCS0_Back_10mm_Ch116

Communication System: IEEE 802.11n; Frequency: 5580.000 MHz; Duty Cycle: 1:1.075
Medium: HSL_5G_231018 Medium parameters used: $f = 5580.000$ MHz; $\sigma = 4.95$ S/m; $\epsilon_r = 34.9$
Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(5.07, 5.07, 5.07); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10591-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.336 W/kg; SAR (10g) = 0.131 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) = 0.358 W/kg; SAR (8g) = 0.143 W/kg; SAR (10g) = 0.125 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.5 %

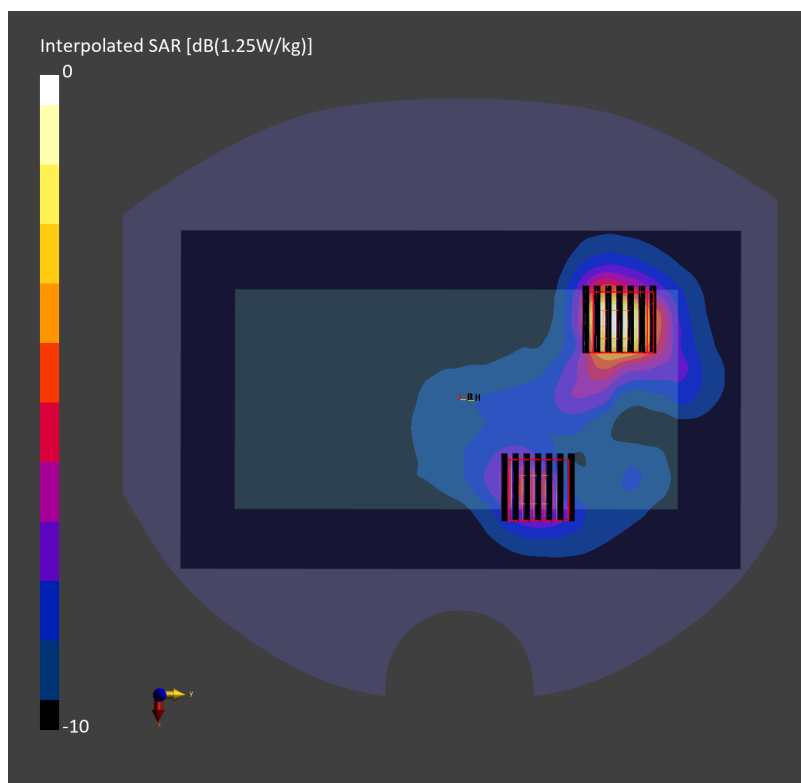
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.13 dB

SAR (1g) = 0.150 W/kg; SAR (8g) = 0.059 W/kg; SAR (10g) = 0.051 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.5 %



#105_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch157

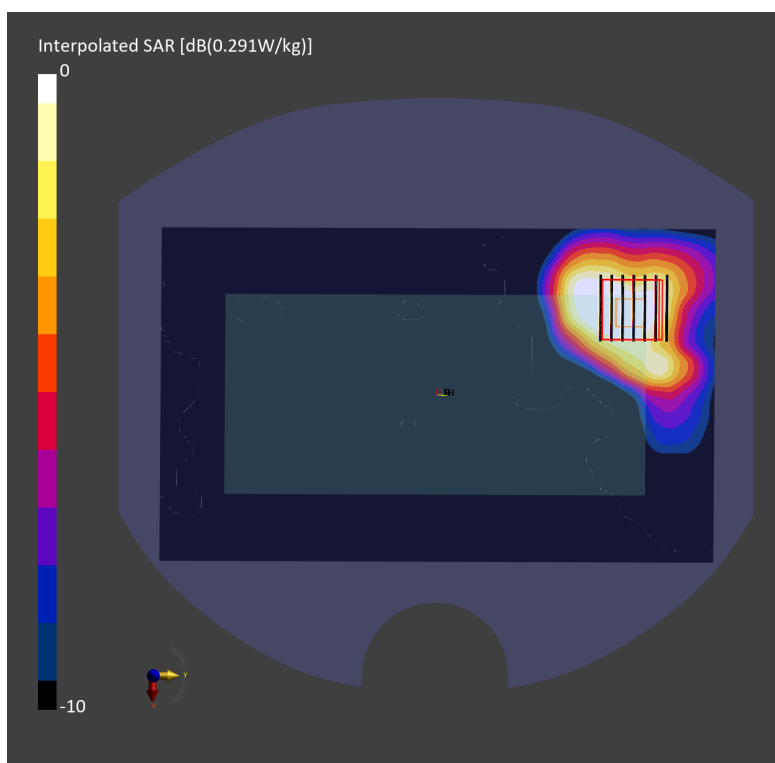
Communication System: IEEE 802.11a; Frequency: 5785.000 MHz; Duty Cycle: 1:1.07
Medium: HSL_5G_231016 Medium parameters used: $f = 5785.000$ MHz; $\sigma = 5.41$ S/m; $\epsilon_r = 35.7$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(4.44, 4.92, 4.4); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10317-AAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.326 W/kg; SAR (10g) = 0.121 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) = 0.291 W/kg; SAR (8g) = 0.120 W/kg; SAR (10g) = 0.106 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 61.8 %



#106_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch169

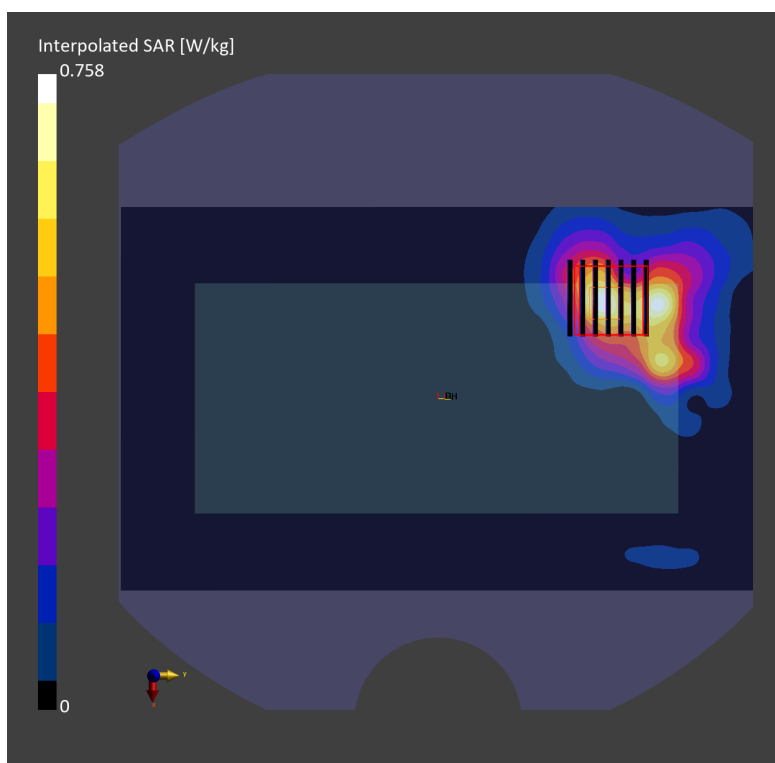
Communication System: IEEE 802.11a; Frequency: 5845.000 MHz; Duty Cycle: 1:1.070
Medium: HSL_5G_231018 Medium parameters used: $f = 5845.000$ MHz; $\sigma = 5.17$ S/m; $\epsilon_r = 36.1$
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.95, 4.95, 4.95); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10062-CAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.197 W/kg; SAR (10g) = 0.078 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) = 0.202 W/kg; SAR (8g) = 0.082 W/kg; SAR (10g) = 0.073 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 63.2 %



#107_WLAN6GHz_802.11a 6Mbps_Back_10mm_Ch57

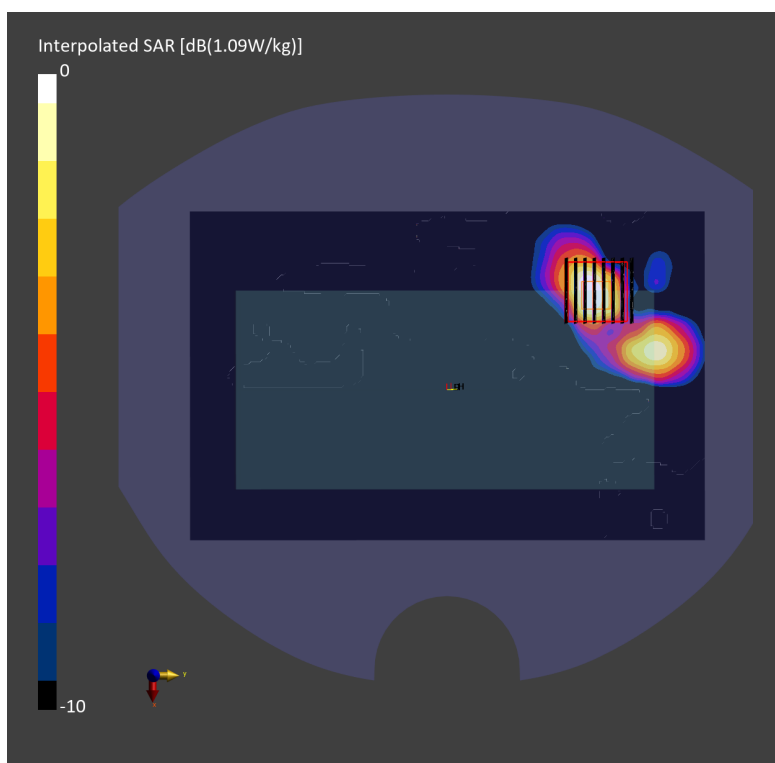
Communication System: IEEE 802.11a ; Frequency: 6235.000 MHz; Duty Cycle: 1:1.070
Medium: HSL_6G_231014 Medium parameters used: $f = 6235.000$ MHz; $\sigma = 5.66$ S/m; $\epsilon_r = 34.6$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(5.07, 5.47, 4.84); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10062-CAE

Area Scan (119.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.216 W/kg; SAR (10g) = 0.066 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 = 0.02 dB
SAR (1g) = 0.239 W/kg; SAR (8g) = 0.079 W/kg; SAR (10g) = 0.068 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 53.1 %
psAPD (1.0cm², sq) = 2.39 [W/m²]; psAPD (4.0cm², sq) = 1.58 [W/m²]



#108_Bluetooth_1Mbps_Front_10mm_Ch78

Communication System: IEEE 802.15.1 Bluetooth; Frequency: 2480.000 MHz; Duty Cycle: 1:1.298

Medium: HSL_2450_231019 Medium parameters used: $f = 2480.000$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 39.8$

Ambient Temperature: 23.9°C; Liquid Temperature: 22.9°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.78, 6.52, 6.53); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.299 W/kg; SAR (10g) = 0.146 W/kg;

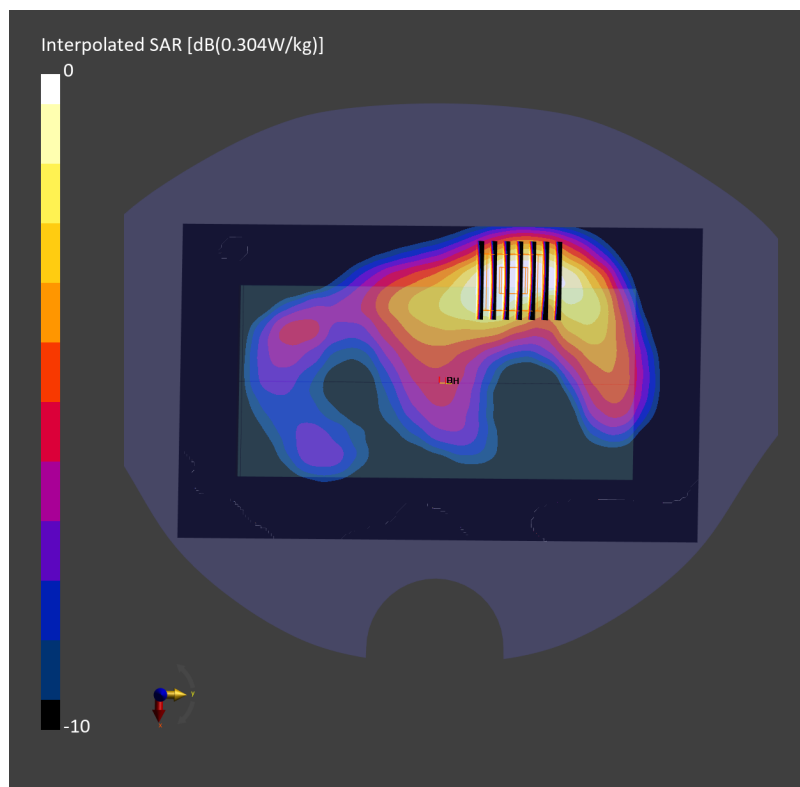
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.05 dB

SAR (1g) = 0.304 W/kg; SAR (8g) = 0.165 W/kg; SAR (10g) = 0.151 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 80.3 %



Measurement Report for Device
Device Under Test Properties

#109 Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	152.0 x 72.0 x 10.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 2.00	5985.0	1.0

Hardware Setup

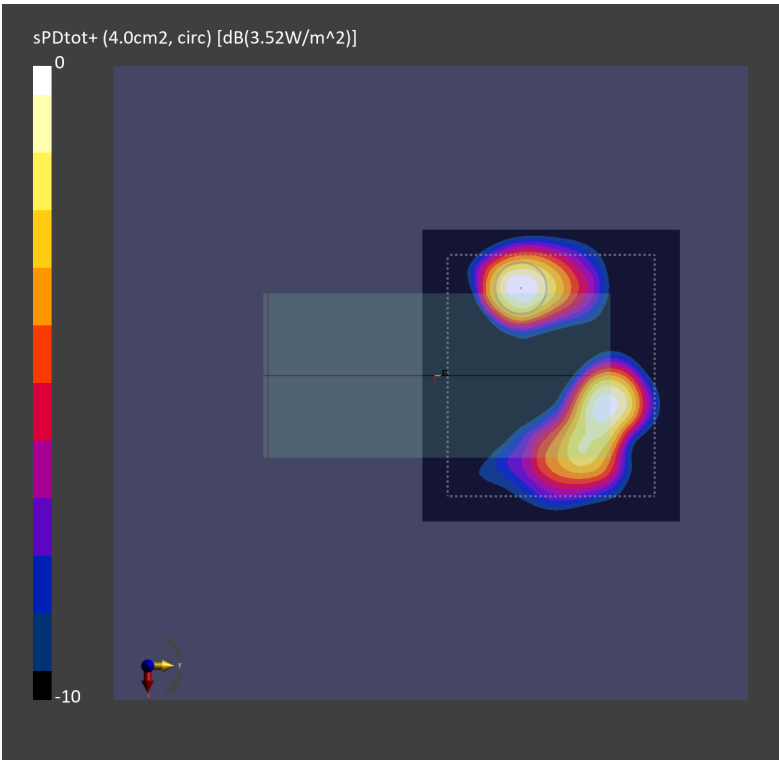
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1044	Air –	EUmmWV3 – SN9424_F1–55GHz, 2023–03–21	DAE4 Sn1697, 2022–12–15

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 100.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

Date	2023–10–12
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.80
psPDtot+ [W/m ²]	3.52
H _{max} [A/m]	0.217
E _{max} [V/m]	60.0
max(Stot) [W/m ²]	7.05
iPDn	2.45
Power Drift [dB]	–0.02



#109_NFC_13.56MHz_Back_0mm

Communication System: NFC; Frequency: 13.56 MHz; Duty Cycle: 1:1

Medium: HSL_13_231013 Medium parameters used : $f = 13.56$ MHz; $\sigma = 0.728$ S/m; $\epsilon_r = 54.673$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(18.04, 18.04, 18.04) @ 13.56 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2023/1/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.435 W/kg

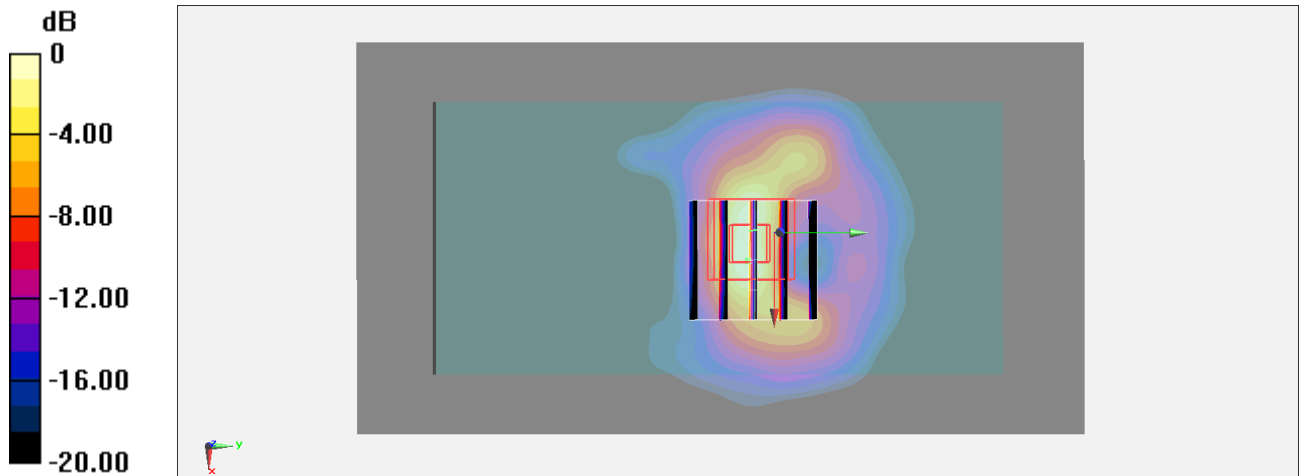
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.31 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.651 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.446 W/kg



0 dB = 0.446 W/kg = -3.51 dBW/kg