

#77_FR1_n14_10M_BPSK_25_14_Front_10mm_Ch158600

Communication System:NR; Frequency: 793 MHz;Duty Cycle: 1:1

Medium: HSL_750_220930 Medium parameters used: $f = 793$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 41.376$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.62, 10.62, 10.62) @ 793 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.479 W/kg

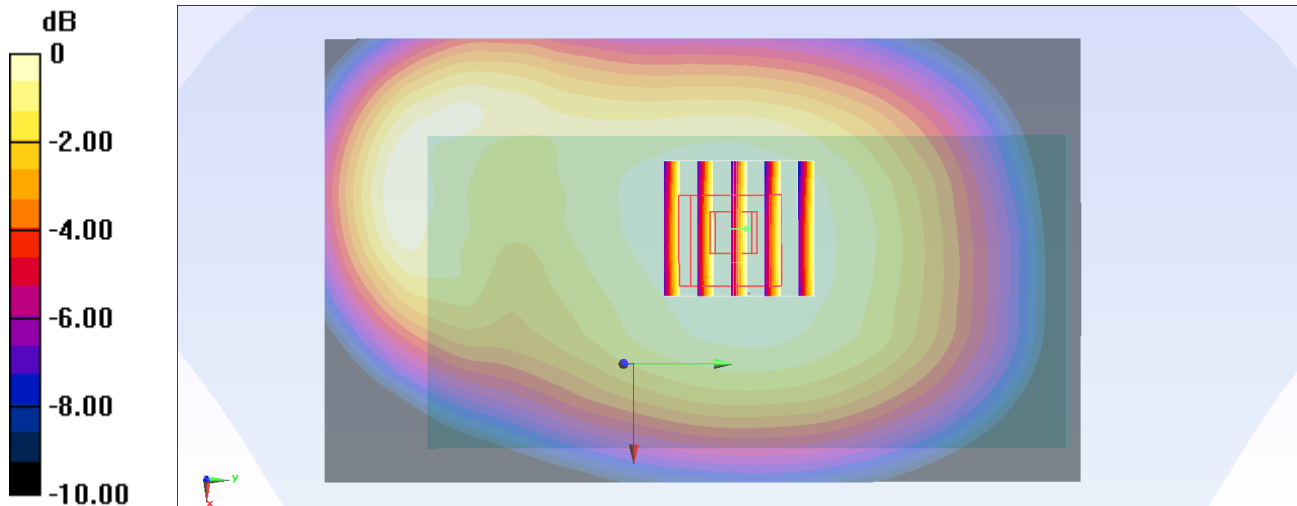
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.86 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.479 W/kg = -3.20 dBW/kg

#78_FR1_n25_40M_BPSK_216_0_Front_10mm_Ch376500

Communication System: NR; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_221003 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.417$ S/m; $\epsilon_r = 40.582$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.45, 8.45, 8.45) @ 1882.5 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.996 W/kg

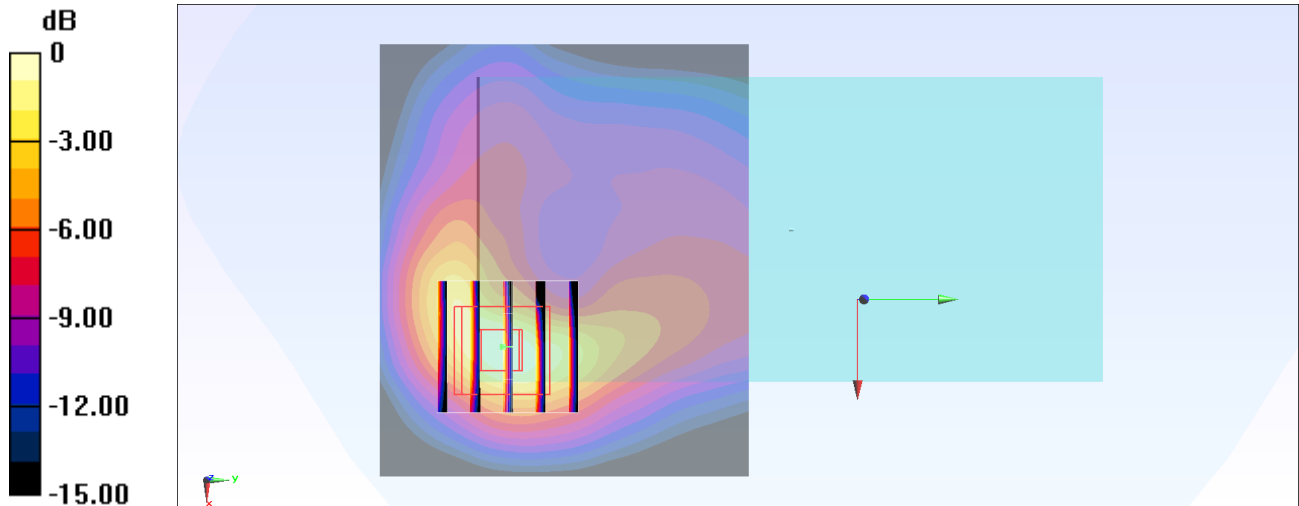
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.49 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.637 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 0.992 W/kg



0 dB = 0.992 W/kg = -0.03 dBW/kg

#79_FR1_n30_10M_BPSK_25_14_Back_10mm_Ch462000

Communication System: NR; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300_221012 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.679$ S/m; $\epsilon_r = 40.643$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.13, 8.13, 8.13) @ 2310 MHz; Calibrated: 2021/12/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.948 W/kg

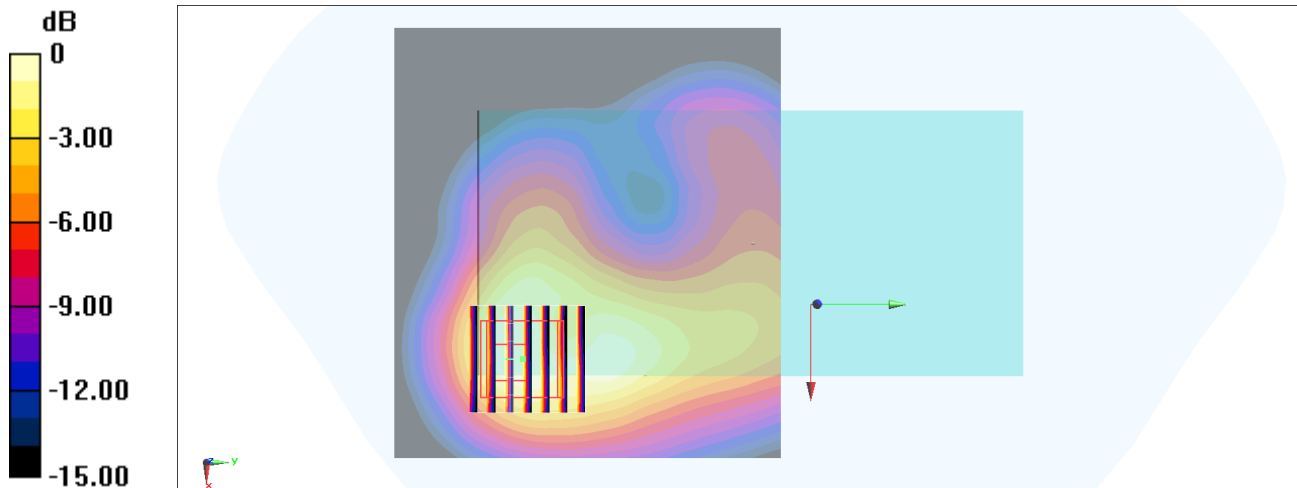
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.95 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.319 W/kg

Maximum value of SAR (measured) = 0.923 W/kg



0 dB = 0.923 W/kg = -0.35 dBW/kg

#80_FR1_n41_100M_BPSK_135_69_Back_10mm_Ch518598

Communication System: NR; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL_2600_221004 Medium parameters used: $f = 2592.99$ MHz; $\sigma = 1.987$ S/m; $\epsilon_r = 39.518$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.58, 7.58, 7.58) @ 2592.99 MHz; Calibrated: 2021/12/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.739 W/kg

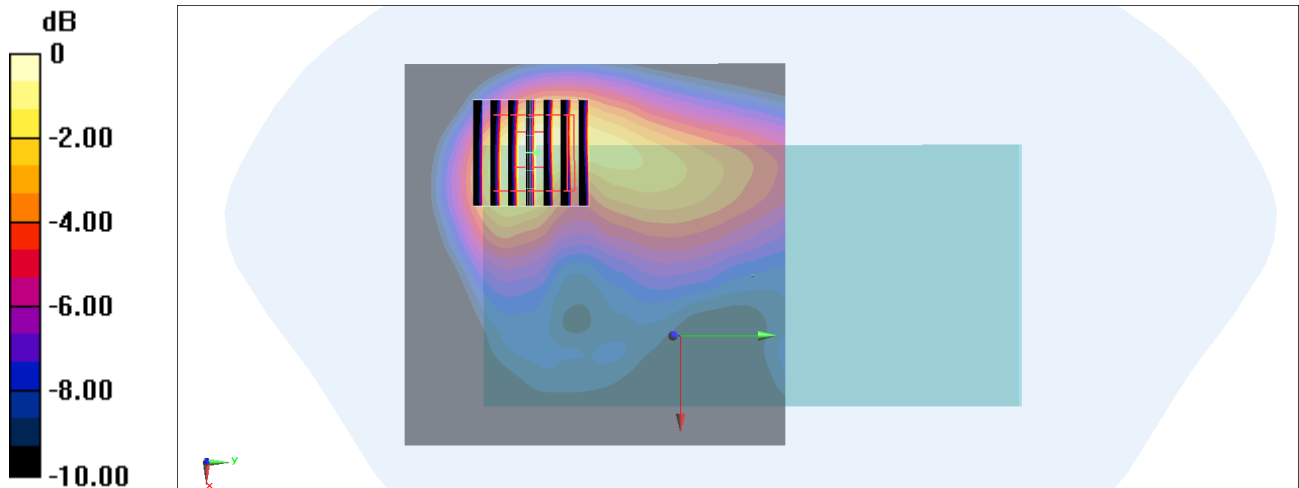
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.01 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.717 W/kg



0 dB = 0.717 W/kg = -1.44 dBW/kg

#81_FR1 n48_10M_BPSK_1_1_Back_10mm_Ch637000

Communication System: NR; Frequency: 3555 MHz; Duty Cycle: 1:1

Medium: HSL_3500_221105 Medium parameters used: $f = 3555$ MHz; $\sigma = 3.053$ S/m; $\epsilon_r = 38.356$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.12, 7.12, 7.12) @ 3555 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.627 W/kg

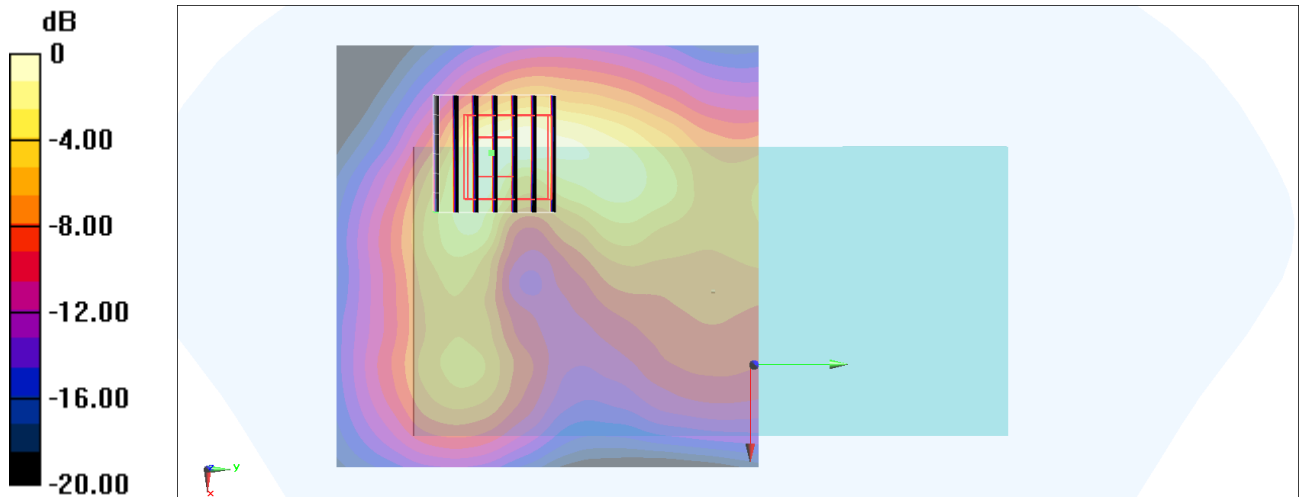
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 9.308 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.664 W/kg



0 dB = 0.664 W/kg = -1.78 dBW/kg

#82_FR1 n66_40M_BPSK_1_1_Back_10mm_Ch349000

Communication System: NR; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL_1750_221003 Medium parameters used : $f = 1745$ MHz; $\sigma = 1.369$ S/m; $\epsilon_r = 41.065$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(5.3, 5.3, 5.3) @ 1745 MHz; Calibrated: 2021/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.739 W/kg

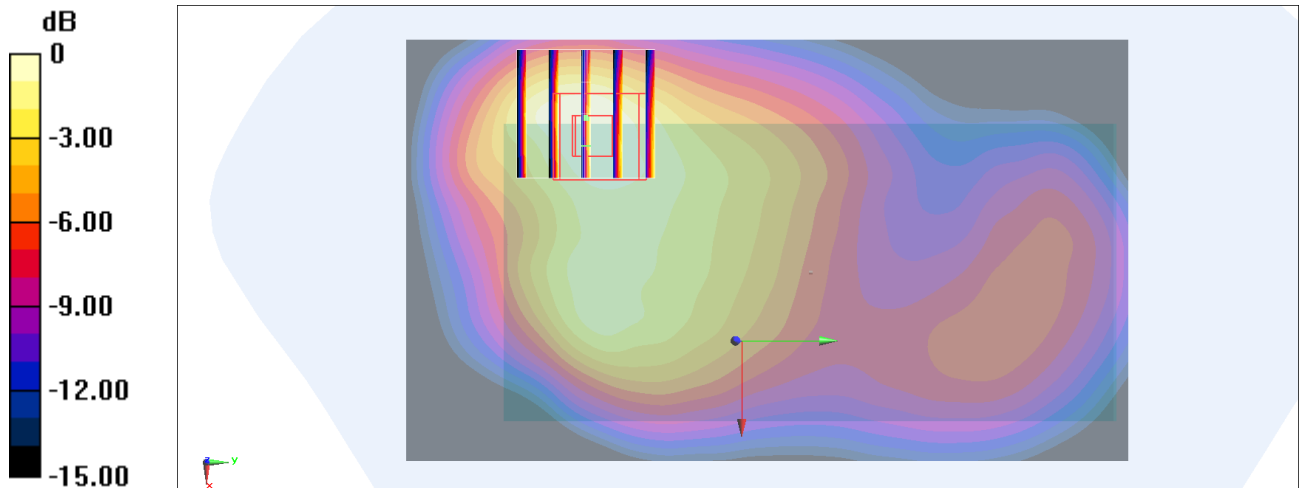
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.61 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.326 W/kg

Maximum value of SAR (measured) = 0.688 W/kg



0 dB = 0.688 W/kg = -1.62 dBW/kg

#83_FR1_n71_20M_BPSK_50_28_Back_10mm_Ch136100

Communication System:NR; Frequency: 680.5 MHz;Duty Cycle: 1:1

Medium: HSL_750_220930 Medium parameters used : $f = 680.5$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 42.028$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.62, 10.62, 10.62) @ 680.5 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.386 W/kg

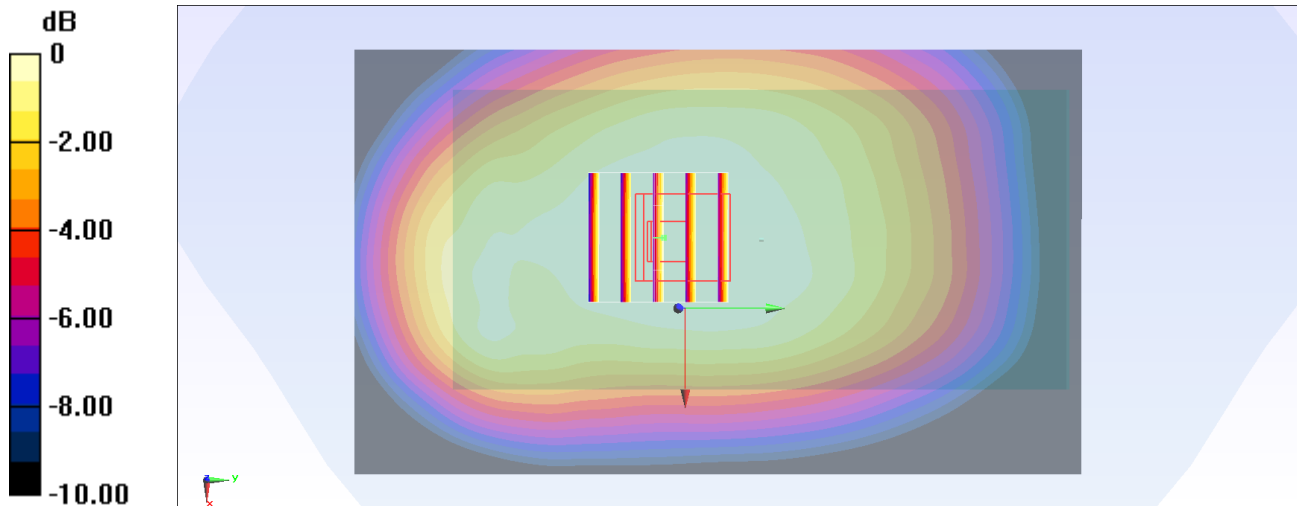
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.45 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.247 W/kg

Maximum value of SAR (measured) = 0.378 W/kg



0 dB = 0.378 W/kg = -4.23 dBW/kg

#84_FR1_n77_100M_BPSK_1_1_Front_10mm_Ch656000

Communication System: NR; Frequency: 3840 MHz; Duty Cycle: 1:1

Medium: HSL_3900_221010 Medium parameters used: $f = 3840$ MHz; $\sigma = 3.264$ S/m; $\epsilon_r = 37.708$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(6.89, 6.89, 6.89) @ 3840 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.604 W/kg

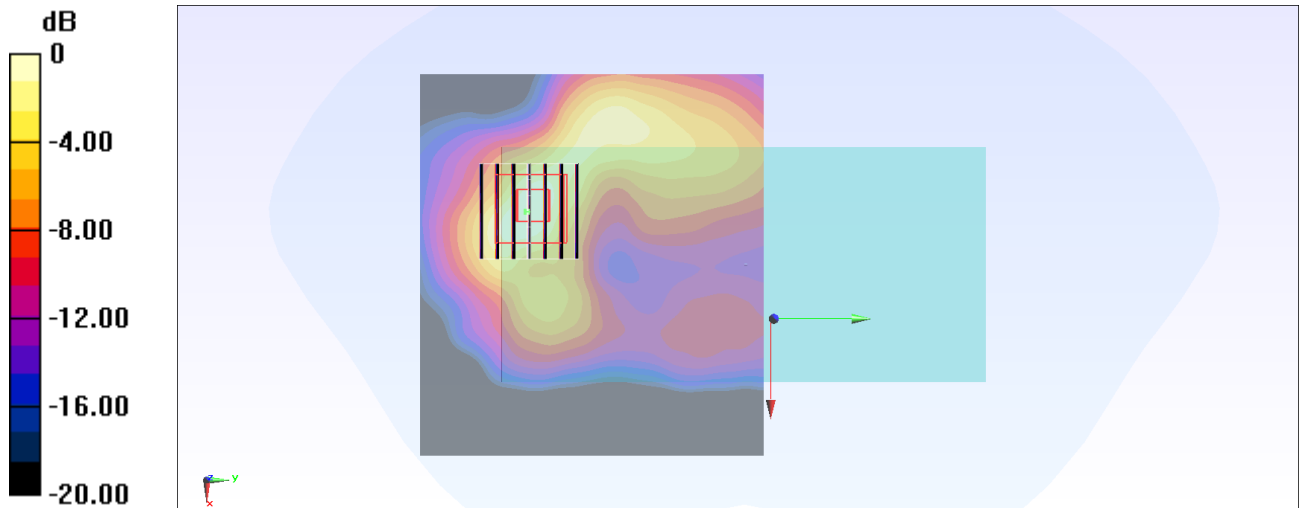
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 10.92 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.802 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.616 W/kg



0 dB = 0.616 W/kg = -2.10 dBW/kg

#85_LTE Band 2_20M_QPSK_1_0_Right Side_0mm_Ch18700

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900_221017 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.403$ S/m; $\epsilon_r = 40.744$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.18, 5.18, 5.18) @ 1860 MHz; Calibrated: 2021/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.96 W/kg

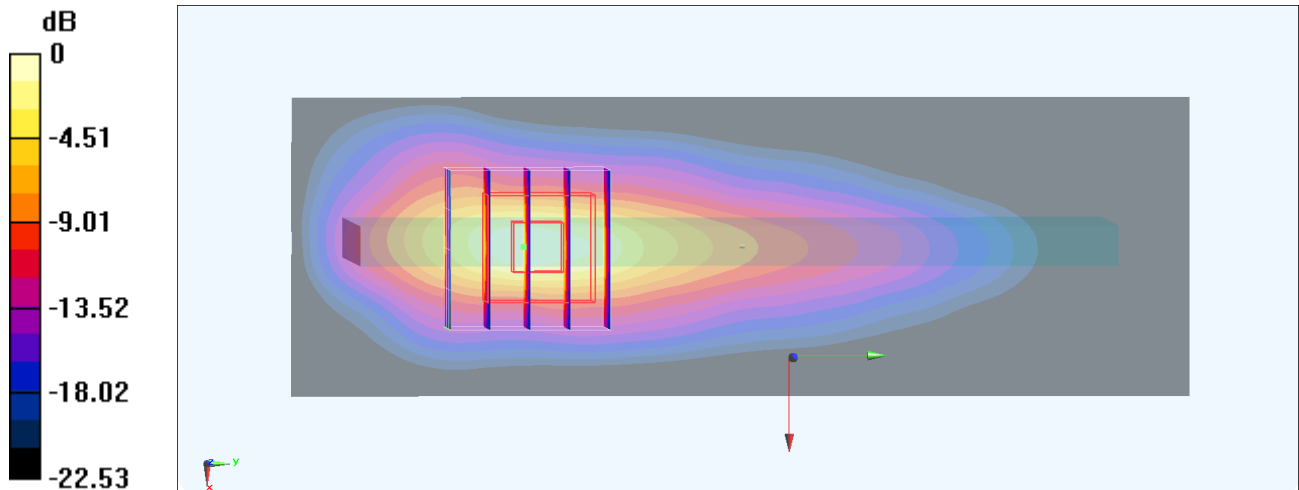
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 65.27 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 13.0 W/kg

SAR(1 g) = 5.08 W/kg; SAR(10 g) = 1.97 W/kg

Maximum value of SAR (measured) = 7.87 W/kg



0 dB = 7.87 W/kg = 8.96 dBW/kg

#86_LTE Band 66_20M_QPSK_1_0_Right Side_0mm_Ch132572

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL_1750_221017 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.522$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.43, 5.43, 5.43) @ 1770 MHz; Calibrated: 2021/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.83 W/kg

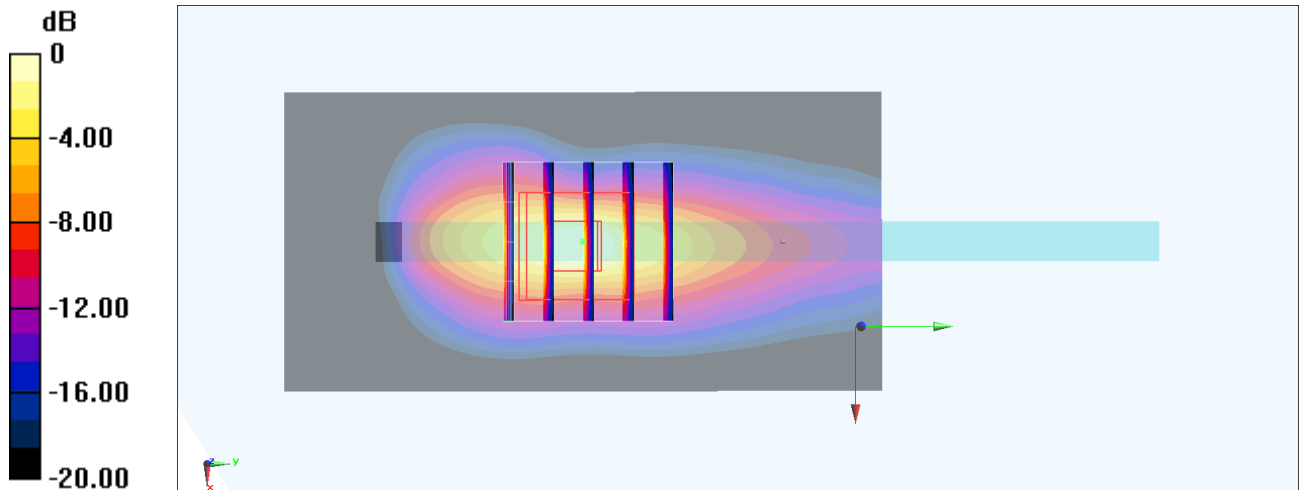
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.31 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 5.32 W/kg; SAR(10 g) = 2.09 W/kg

Maximum value of SAR (measured) = 7.92 W/kg



0 dB = 7.83 W/kg = 8.94 dBW/kg

#87_WLAN2.4GHz_802.11b 1Mbps_Left Tilted_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.018
Medium: HSL_2450_221018 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.796$ S/m; $\epsilon_r = 39.47$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

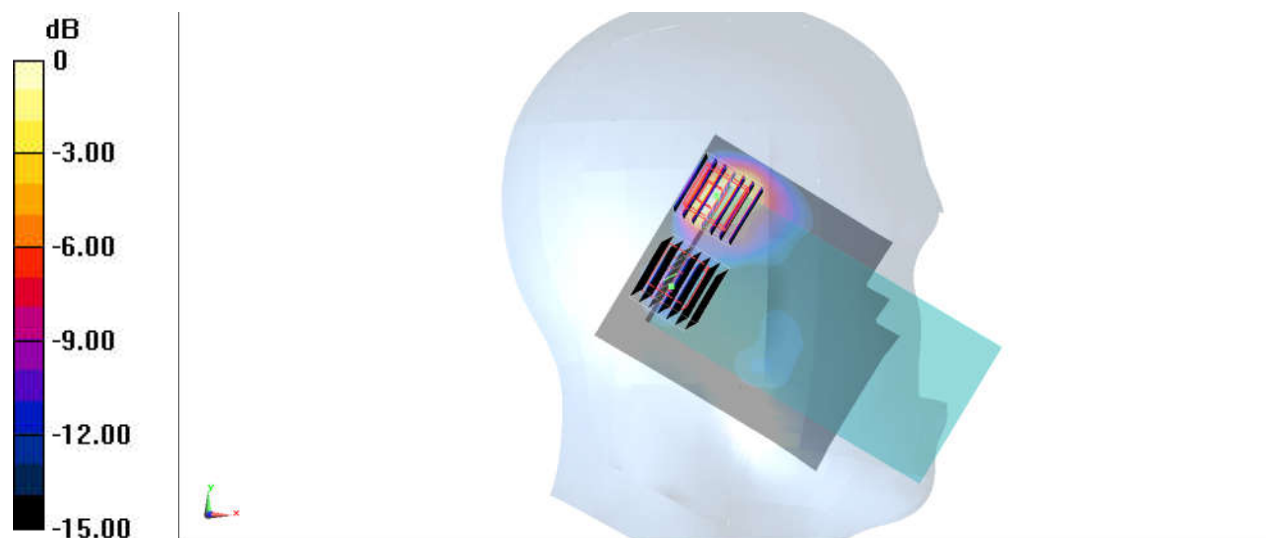
DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(7.91, 7.91, 7.91) @ 2437 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.69 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.10 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.81 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.480 W/kg
Maximum value of SAR (measured) = 2.07 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.10 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.203 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

#88_WLAN5GHz_802.11n-HT40 MCS0_Right Cheek_Ch62

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium: HSL_5G_221019 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.773$ S/m; $\epsilon_r = 37.331$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

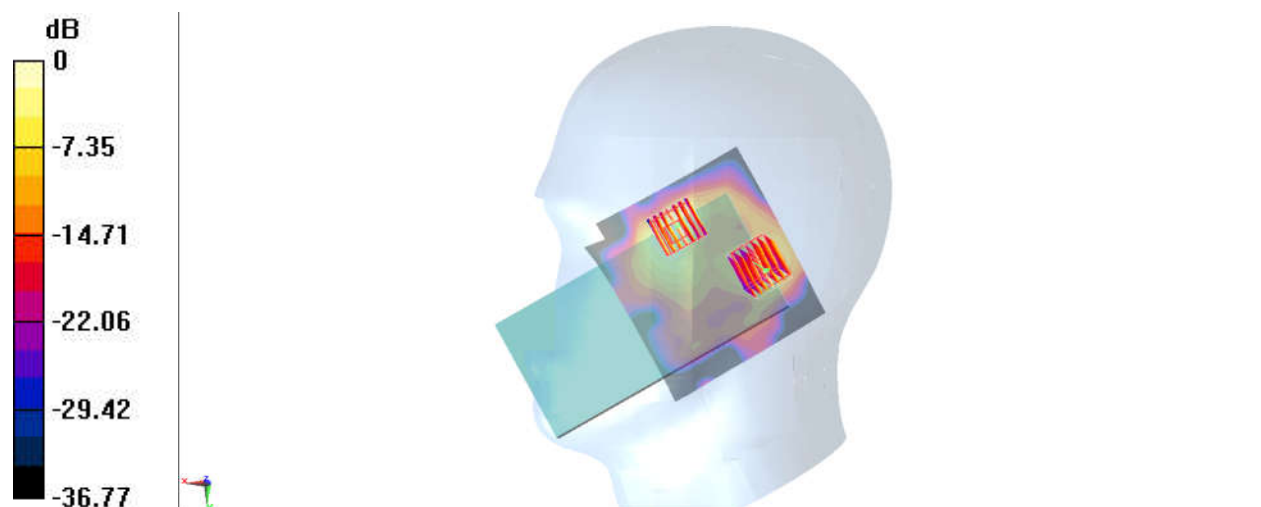
DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(5.45, 5.45, 5.45) @ 5310 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.54 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.47 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.180 W/kg
Maximum value of SAR (measured) = 0.996 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.47 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 4.37 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.330 W/kg
Maximum value of SAR (measured) = 2.71 W/kg



0 dB = 2.71 W/kg = 4.33 dBW/kg

#89_WLAN5GHz_802.11n-HT40 MCS0_Right Cheek_Ch102

Communication System: 802.11n; Frequency: 5510 MHz; Duty Cycle: 1:1
Medium: HSL_5G_221021 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.058$ S/m; $\epsilon_r = 36.355$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

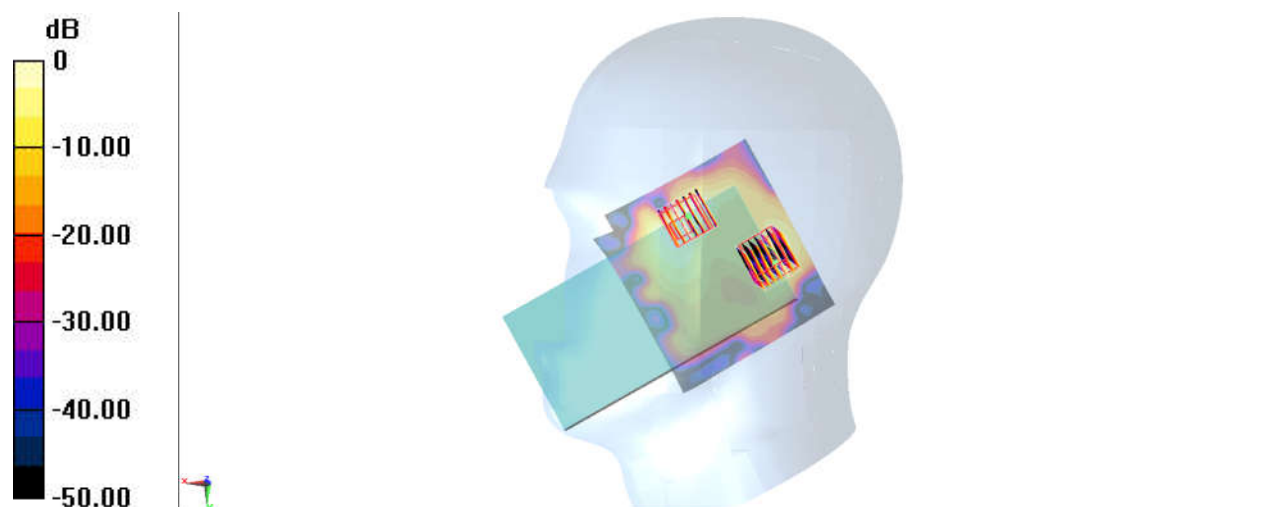
DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.59, 4.59, 4.59) @ 5510 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2022/1/26
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.42 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.17 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.891 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.17 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 4.16 W/kg
SAR(1 g) = 0.867 W/kg; SAR(10 g) = 0.233 W/kg
Maximum value of SAR (measured) = 2.50 W/kg



0 dB = 2.50 W/kg = 3.98 dBW/kg

#90_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch165

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: HSL_5G_221016 Medium parameters used : $f = 5825$ MHz; $\sigma = 5.297$ S/m; $\epsilon_r = 35.367$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(5.15, 5.15, 5.15) @ 5825 MHz; Calibrated: 2022/1/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2022/2/28
- Phantom: SAM_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.94 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.695 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 5.09 W/kg

SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 2.59 W/kg

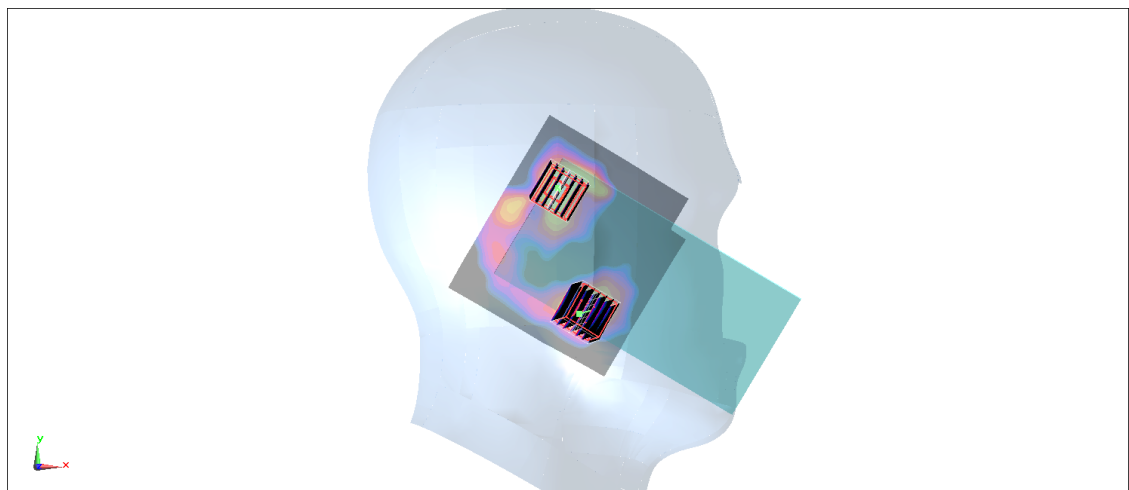
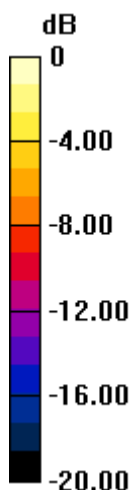
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.695 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.904 W/kg



0 dB = 1.94 W/kg = 2.88 dBW/kg

#91_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch177

Communication System: 802.11a ; Frequency: 5885 MHz;Duty Cycle: 1:1
Medium: HSL_5G_221017 Medium parameters used: $f = 5885 \text{ MHz}$; $\sigma = 5.349 \text{ S/m}$; $\epsilon_r = 36.335$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

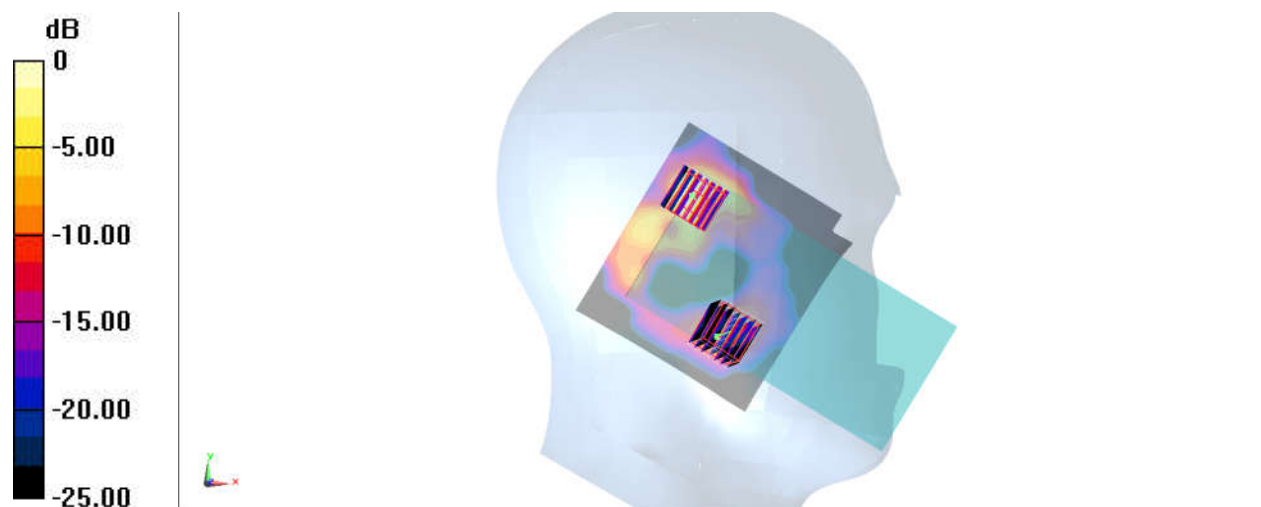
DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.78, 4.78, 4.78) @ 5885 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (111x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 2.89 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 8.957 V/m ; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 5.75 W/kg
SAR(1 g) = 1.08 W/kg ; SAR(10 g) = 0.321 W/kg
Maximum value of SAR (measured) = 3.19 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 8.957 V/m ; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.350 W/kg ; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.796 W/kg



0 dB = $2.89 \text{ W/kg} = 4.61 \text{ dBW/kg}$

#92_WLAN6GHz_802.11ax-HE80 MCS0_Right Cheek_Ch167

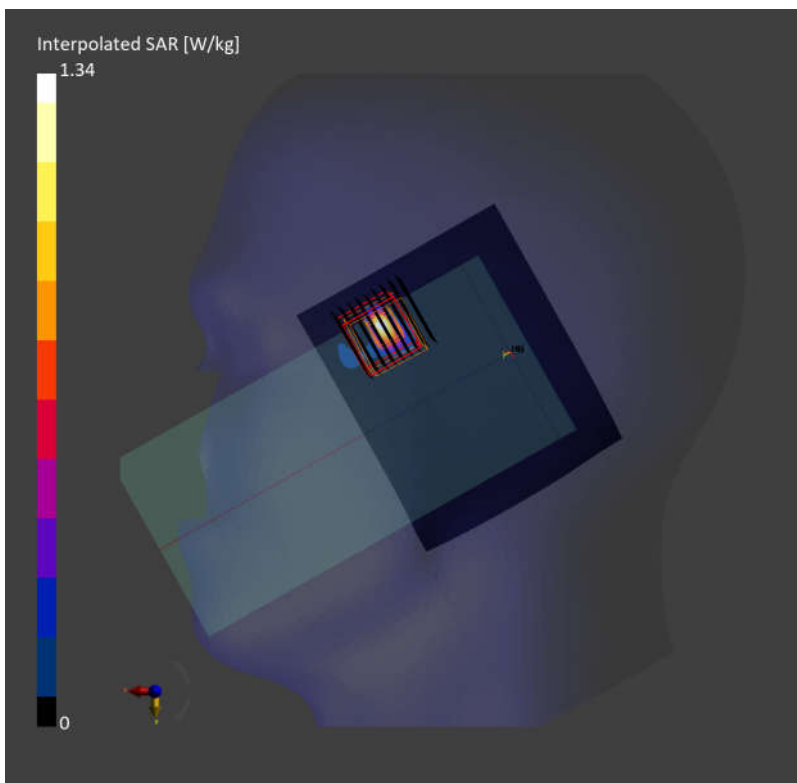
Communication System: 802.11ax; Frequency: 6785.0 MHz; Duty Cycle: 1:1
Medium: HSL_6G_220923 Medium parameters used: $f=6785.0$ MHz; $\sigma=6.48$ S/m; $\epsilon_r=34.1$
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.0, 5.0, 5.0); Calibrated: 2022-03-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2022-01-26
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: RightHead
- Measurement Software: 16.2.0.1425
- UID: WLAN, 10731-AAC

Area Scan (102.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.148 W/kg; SAR (10g) = 0.026 W/kg;

Zoom Scan (27.2 mm x 27.2 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = 0.15 dB
SAR (1g) = 0.181 W/kg; SAR (8g) = 0.048 W/kg; SAR (10g) = 0.041 W/kg
psAPD (1.0cm², sq) = 1.81 [W/m²]; psAPD (4.0cm², sq) = 0.964 [W/m²]



#93_Bluetooth_1Mbps_Left Tilted_Ch39

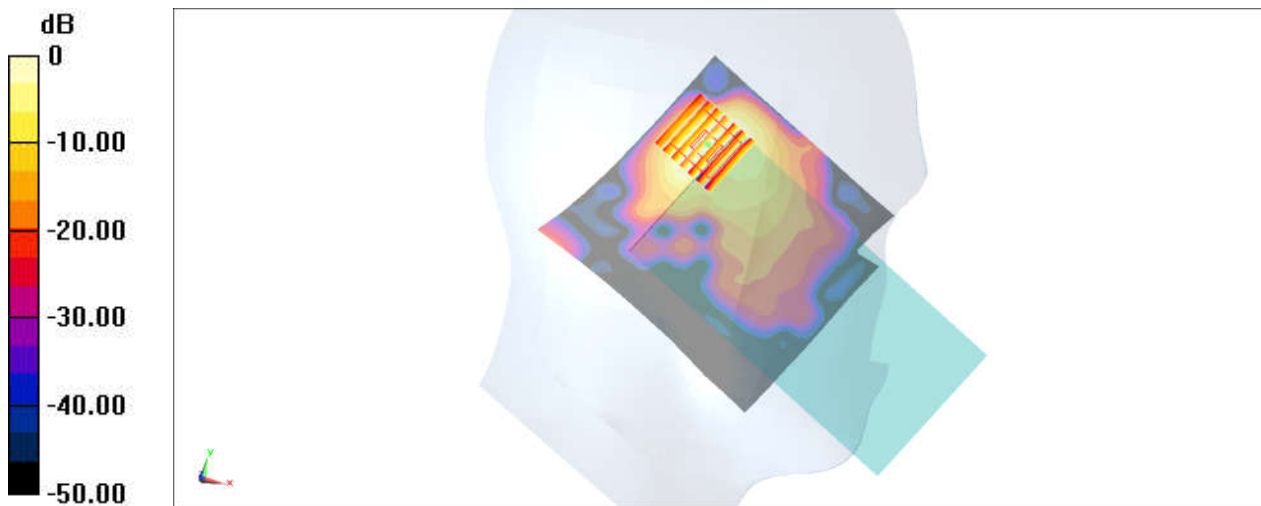
Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.295
Medium: HSL_2450_221004 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.795$ S/m; $\epsilon_r = 39.377$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.44, 7.44, 7.44) @ 2441 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2022/1/26
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.900 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.42 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.167 W/kg
Maximum value of SAR (measured) = 0.811 W/kg



0 dB = 0.811 W/kg = -0.91 dBW/kg

#94_WLAN2.4GHz_802.11b 1Mbps_Top Side_10mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.018

Medium: HSL_2450_221023 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.811$ S/m; $\epsilon_r = 38.732$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.66, 4.66, 4.66) @ 2412 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.777 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.52 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.258 W/kg

Maximum value of SAR (measured) = 0.761 W/kg

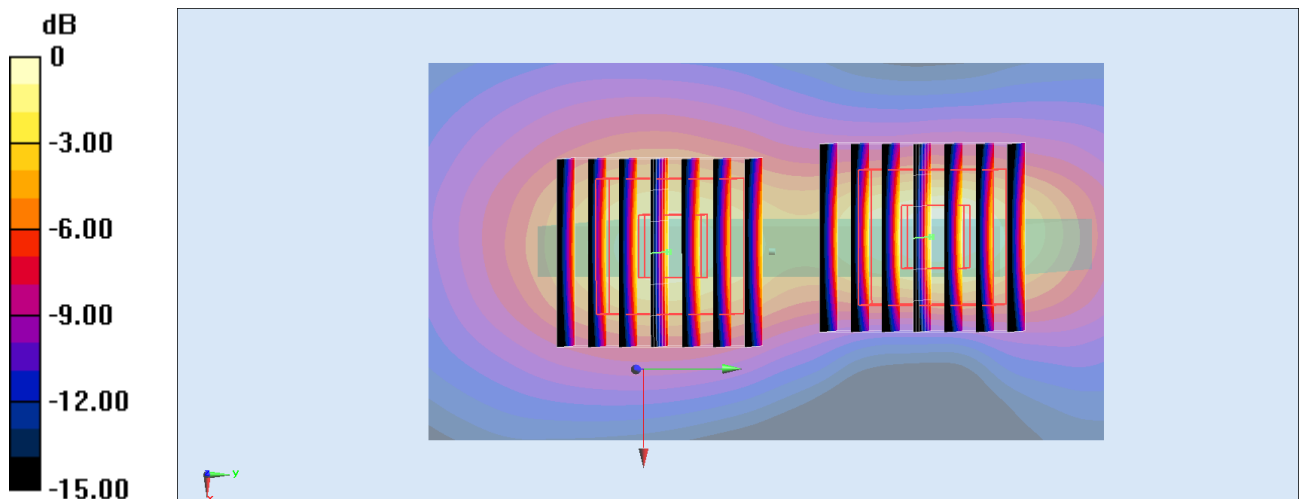
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.52 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.871 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.777 W/kg = -1.10 dBW/kg

#95_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch44

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1
Medium: HSL_5G_221018 Medium parameters used: $f = 5220$ MHz; $\sigma = 4.738$ S/m; $\epsilon_r = 37.36$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

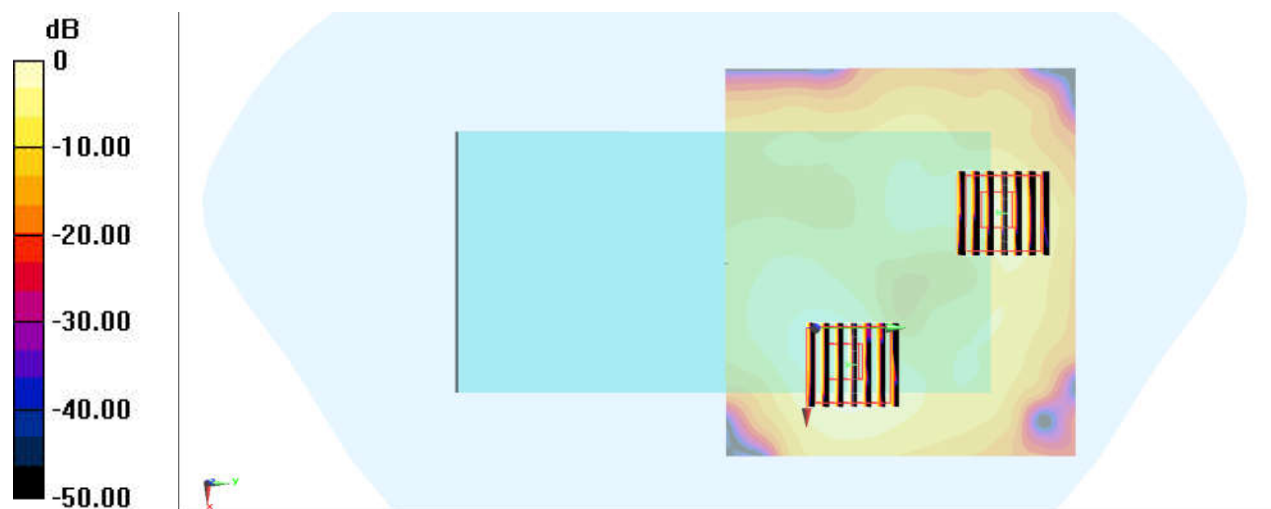
DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.23, 5.23, 5.23) @ 5220 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2022/1/26
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.808 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.992 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.599 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.403 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.992 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.745 W/kg



0 dB = 0.745 W/kg = -1.28 dBW/kg

#96_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: HSL_5G_221017 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.243$ S/m; $\epsilon_r = 36.449$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

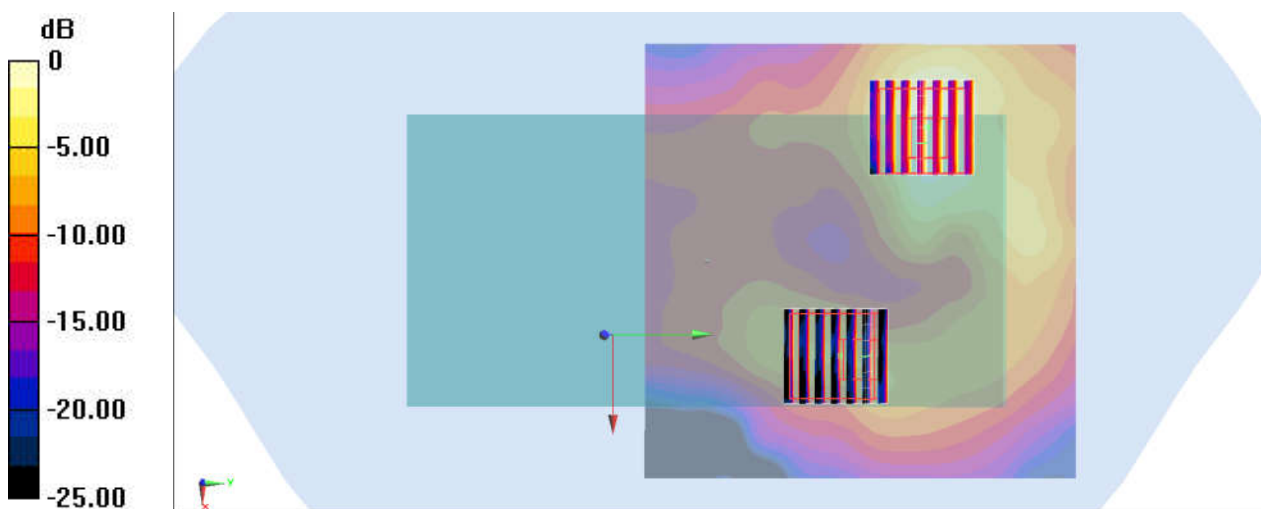
DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5785 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.891 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.36 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 0.895 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.36 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.891 W/kg = -0.50 dBW/kg

#97_Bluetooth_1Mbps_Top Side_10mm_Ch78

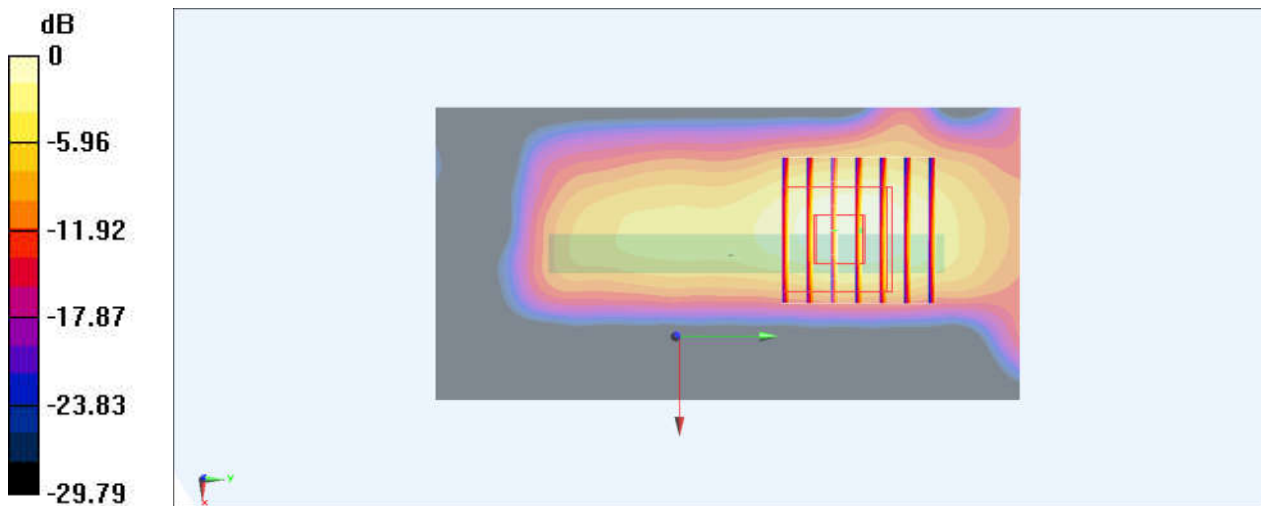
Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.295
Medium: HSL_2450_221004 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 39.248$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.44, 7.44, 7.44) @ 2480 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2022/1/26
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.410 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.977 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.487 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.392 W/kg



0 dB = 0.392 W/kg = -4.07 dBW/kg

#98_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.018

Medium: HSL_2450_220921 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.852$ S/m; $\epsilon_r = 40.891$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.52, 7.52, 7.52) @ 2437 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.795 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.85 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.843 W/kg

SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.653 W/kg

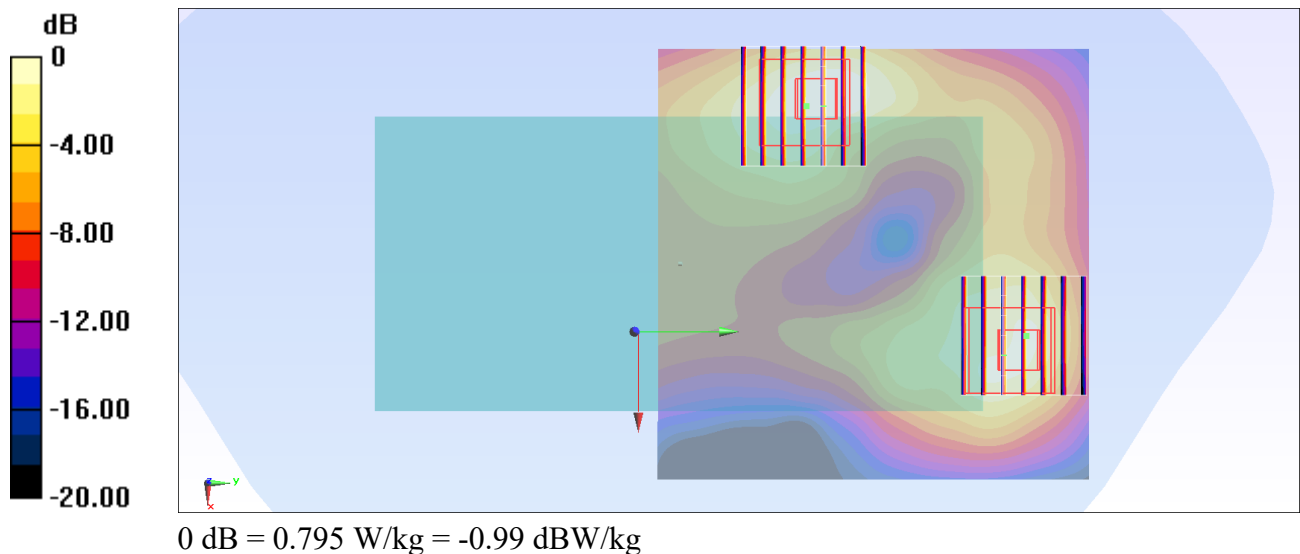
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.85 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.264 W/kg

Maximum value of SAR (measured) = 0.803 W/kg



#99_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch44

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1
Medium: HSL_5G_221018 Medium parameters used: $f = 5220$ MHz; $\sigma = 4.738$ S/m; $\epsilon_r = 37.36$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

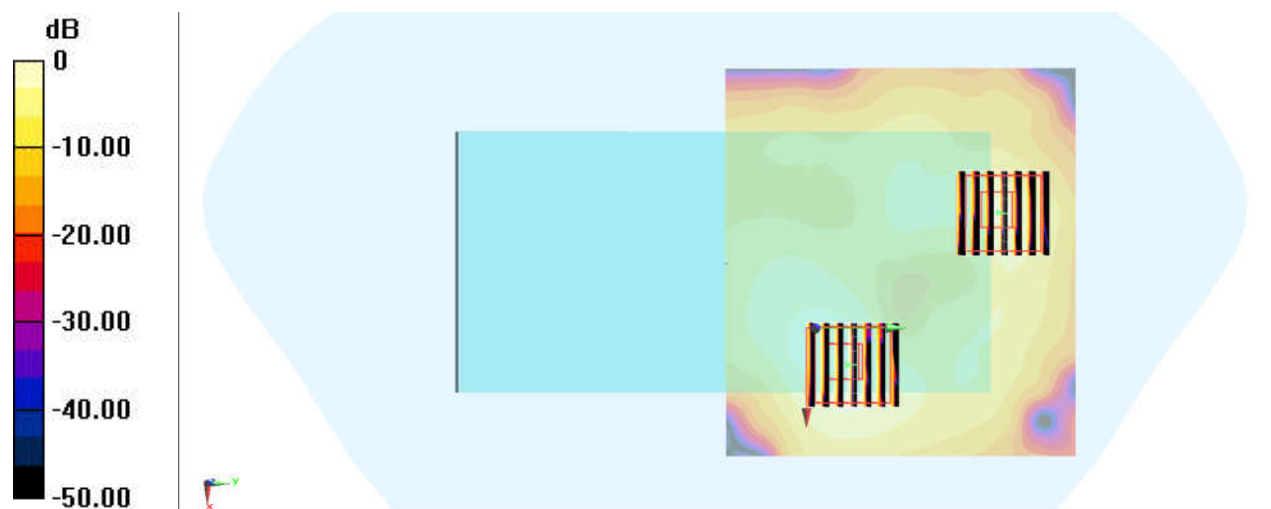
DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.23, 5.23, 5.23) @ 5220 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2022/1/26
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.808 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.992 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.599 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.403 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.992 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.745 W/kg



0 dB = 0.745 W/kg = -1.28 dBW/kg

#100_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz;Duty Cycle: 1:1

Medium: HSL_5G_221016 Medium parameters used : $f = 5300$ MHz; $\sigma = 4.728$ S/m; $\epsilon_r = 36.118$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(5.75, 5.75, 5.75) @ 5300 MHz; Calibrated: 2022/1/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2022/2/28
- Phantom: SAM_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.840 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.11 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.648 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.400 W/kg

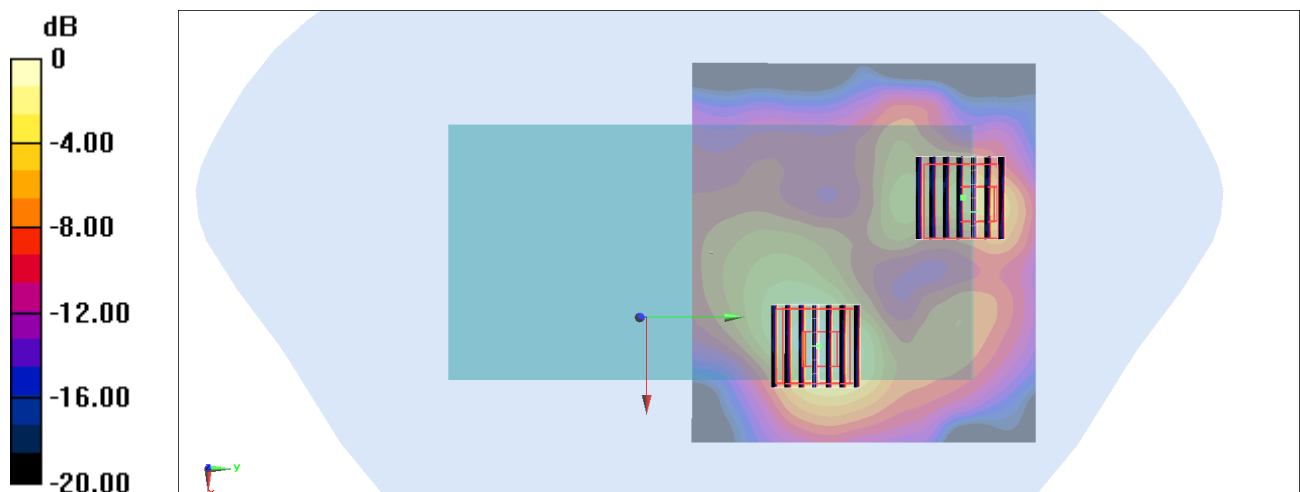
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.11 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.794 W/kg



0 dB = 0.840 W/kg = -0.76 dBW/kg

#101_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch144

Communication System: 802.11a ; Frequency: 5720 MHz; Duty Cycle: 1:1

Medium: HSL_5G_221017 Medium parameters used: $f = 5720$ MHz; $\sigma = 5.165$ S/m; $\epsilon_r = 36.587$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5720 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.697 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.26 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.716 W/kg

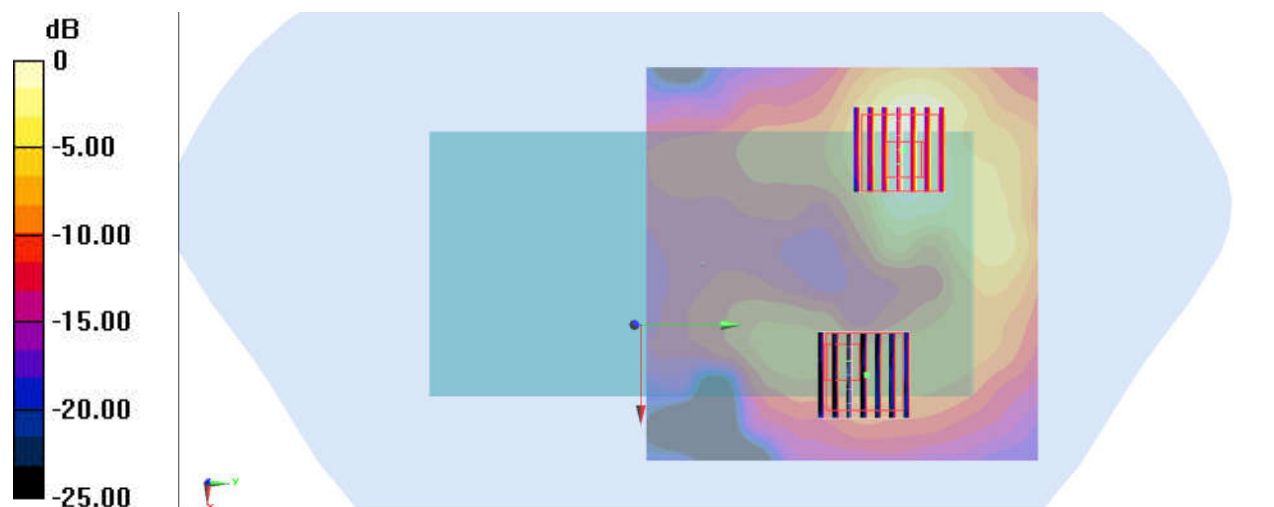
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.26 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.150 W/kg



#102_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: HSL_5G_221017 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.243$ S/m; $\epsilon_r = 36.449$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

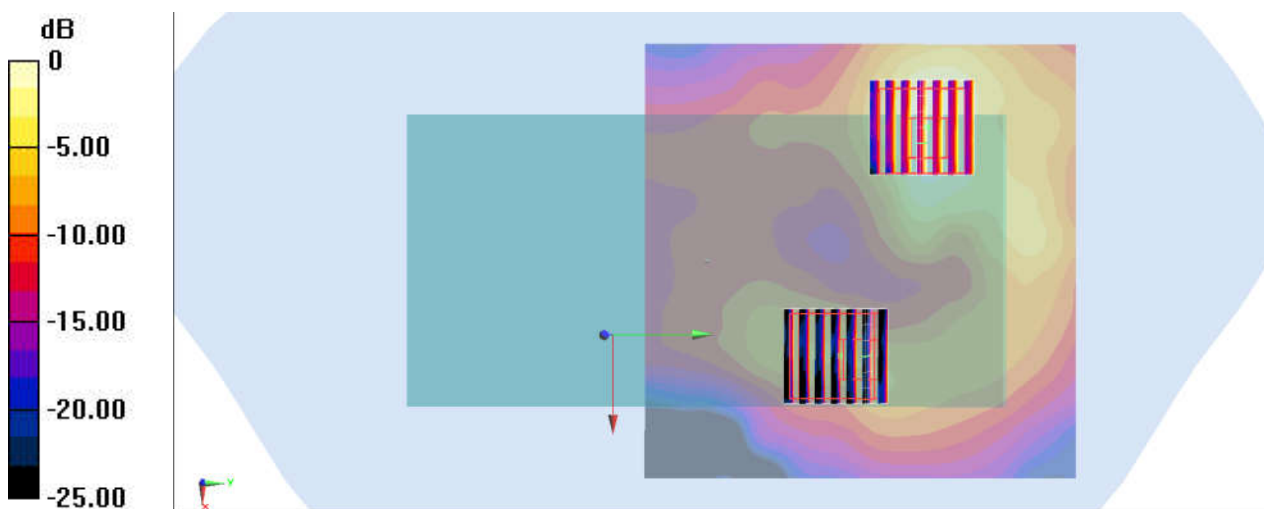
DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5785 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.891 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.36 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 0.895 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.36 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.891 W/kg = -0.50 dBW/kg

#103_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch173

Communication System: 802.11a ; Frequency: 5865 MHz;Duty Cycle: 1:1
Medium: HSL_5G_221017 Medium parameters used : $f = 5865$ MHz; $\sigma = 5.33$ S/m; $\epsilon_r = 36.333$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

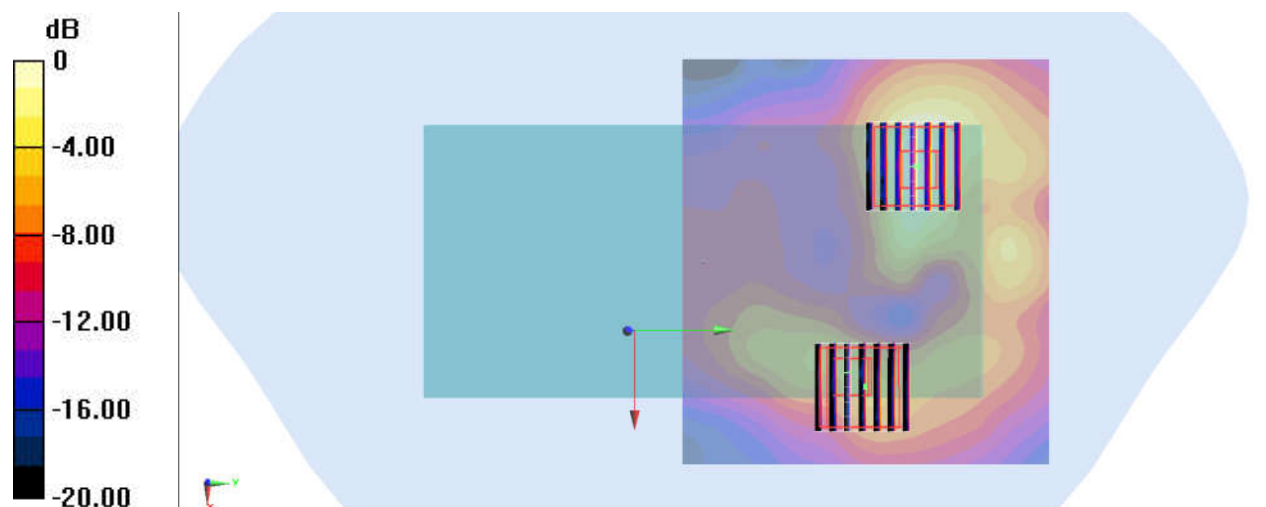
DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.78, 4.78, 4.78) @ 5865 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.758 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.644 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.786 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.644 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.484 W/kg
SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.758 W/kg = -1.20 dBW/kg

#104_WLAN6GHz_802.11ax-HE80 MCS0_Back_10mm_Ch167

Communication System: 802.11ax; Frequency: 6785.0 MHz; Duty Cycle: 1:1
Medium: HSL_6G_220923 Medium parameters used: $f=6785.0$ MHz; $\sigma=6.48$ S/m; $\epsilon_r=34.1$
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

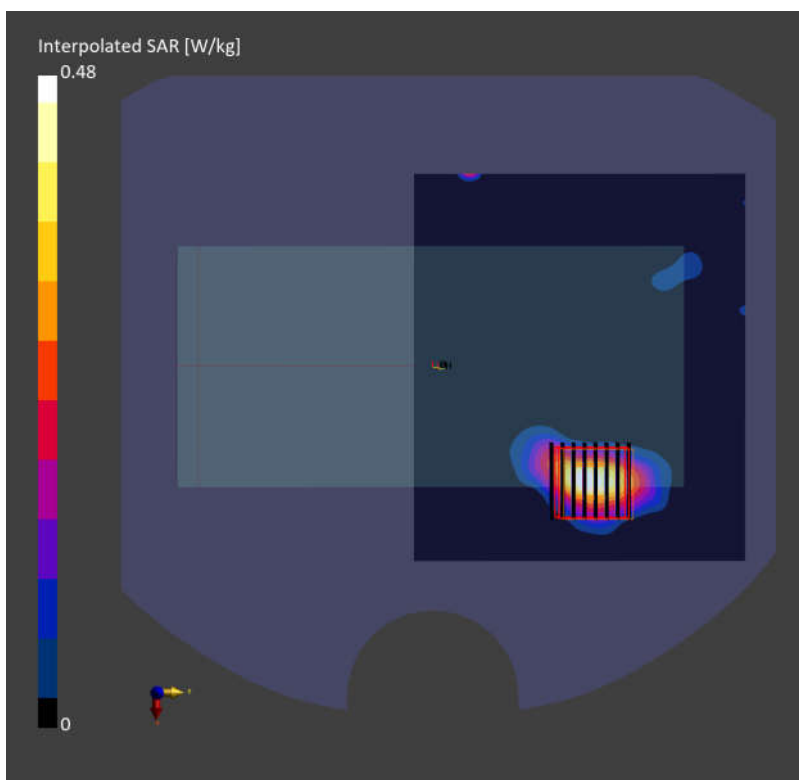
DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.0, 5.0, 5.0); Calibrated: 2022-03-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2022-01-26
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: WLAN, 10719-AAC

Area Scan (119.0 mm x 102.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.085 W/kg; SAR (10g) = 0.027 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) = 0.001 W/kg; SAR (8g) = 0.001 W/kg; SAR (10g) = 0.001 W/kg
psAPD (1.0cm², sq) = 0.001 [W/m²]; psAPD (4.0cm², sq) = 0.001 [W/m²]

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) = 0.106 W/kg; SAR (8g) = 0.043 W/kg; SAR (10g) = 0.038 W/kg
psAPD (1.0cm², sq) = 1.06 [W/m²]; psAPD (4.0cm², sq) = 0.856 [W/m²]



#105_Bluetooth_1Mbps_Front_10mm_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450_220921 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 40.904$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.52, 7.52, 7.52) @ 2480 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.574 W/kg

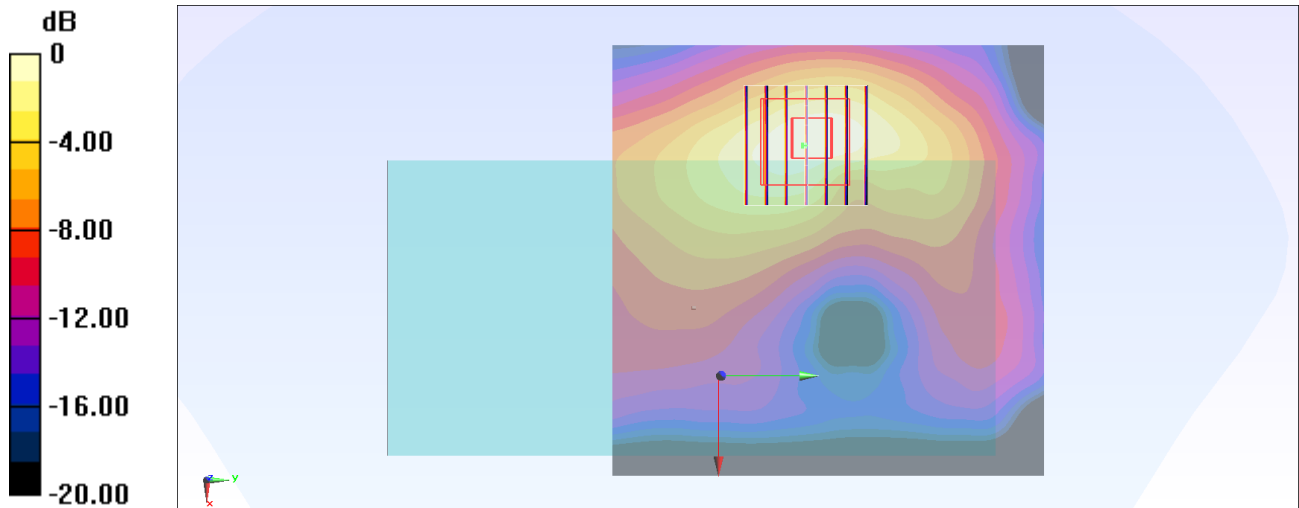
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.24 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.556 W/kg



0 dB = 0.556 W/kg = -2.55 dBW/kg

#106_WLAN5GHz_802.11a 6Mbps_Left Side_0mm_Ch64

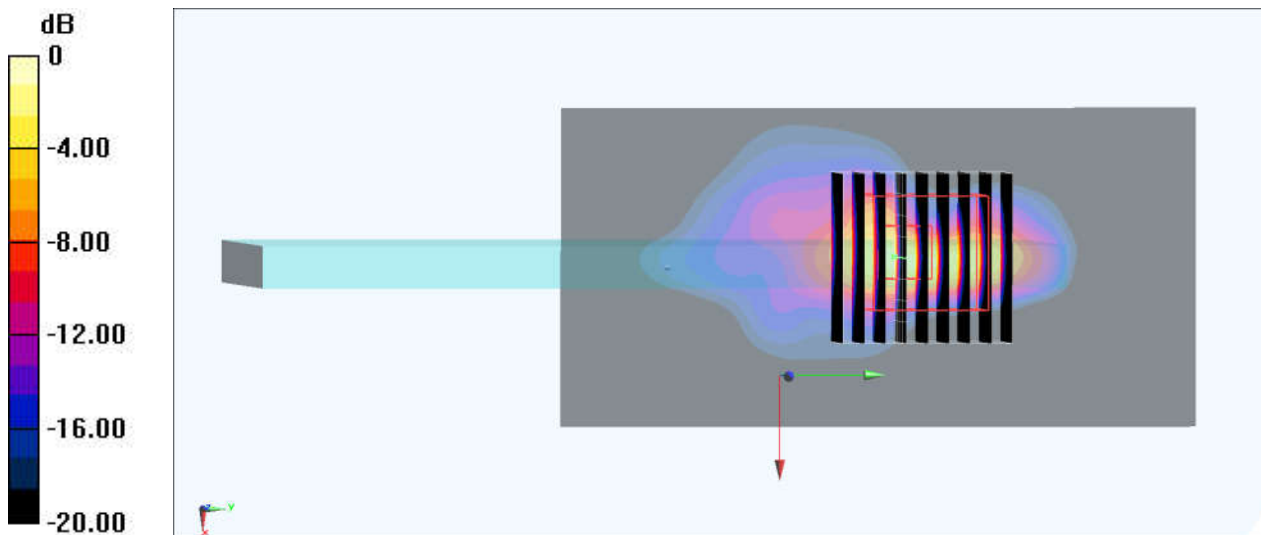
Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: HSL_5G_221021 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.854$ S/m; $\epsilon_r = 36.617$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.23, 5.23, 5.23) @ 5320 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2022/1/26
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 15.1 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 59.05 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 46.4 W/kg
SAR(1 g) = 7.34 W/kg; SAR(10 g) = 1.82 W/kg
Maximum value of SAR (measured) = 24.6 W/kg



0 dB = 24.6 W/kg = 13.91 dBW/kg

#107_WLAN5GHz_802.11a 6Mbps_Left Side_0mm_Ch100

Communication System: 802.11a ; Frequency: 5500 MHz;Duty Cycle: 1:1

Medium: HSL_5G_221022 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.845$ S/m; $\epsilon_r = 35.729$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.95, 4.95, 4.95) @ 5500 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.5 W/kg

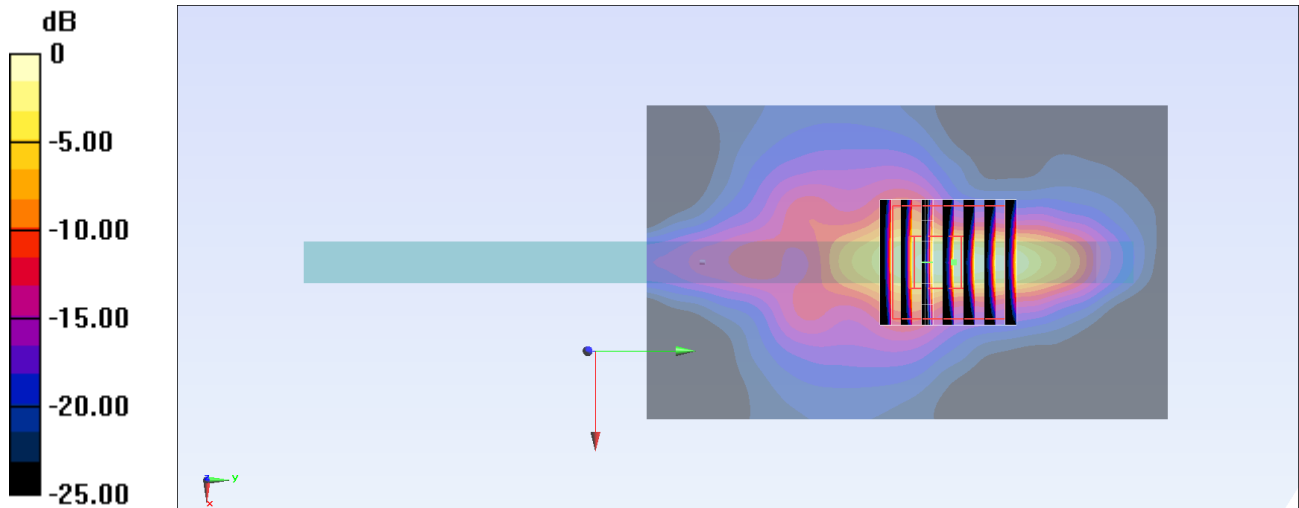
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.958 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 26.6 W/kg

SAR(1 g) = 3.68 W/kg; SAR(10 g) = 0.861 W/kg

Maximum value of SAR (measured) = 12.7 W/kg



0 dB = 10.5 W/kg = 10.21 dBW/kg

#108_WLAN5GHz_802.11a 6Mbps_Front_0mm_Ch173

Communication System: 802.11a ; Frequency: 5865 MHz;Duty Cycle: 1:1
Medium: HSL_5G_221017 Medium parameters used: $f = 5865$ MHz; $\sigma = 5.33$ S/m; $\epsilon_r = 36.333$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

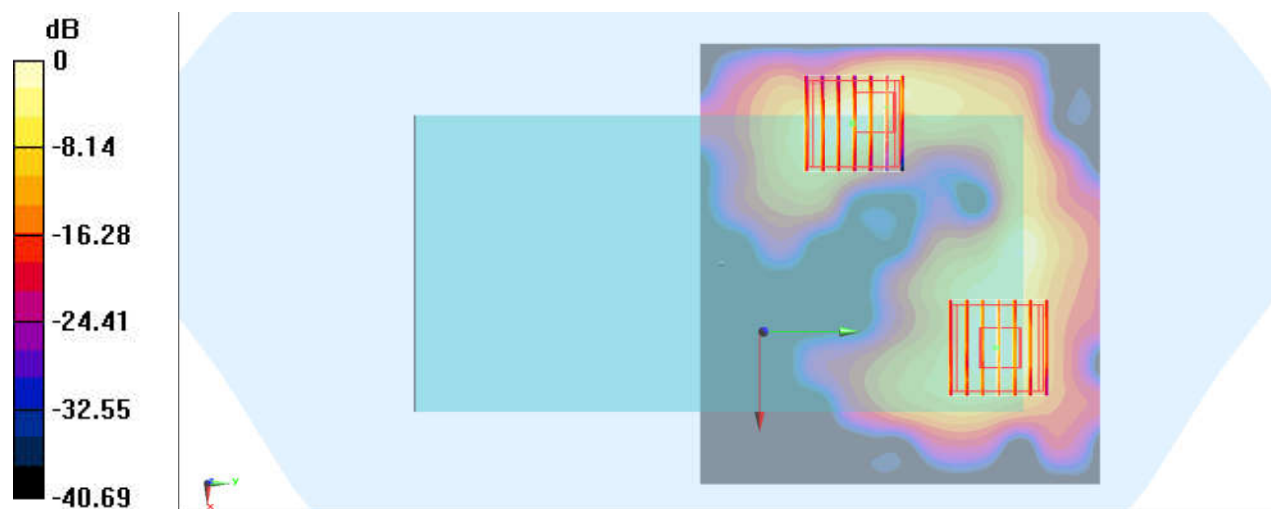
DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.78, 4.78, 4.78) @ 5865 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 6.58 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 18.97 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 25.4 W/kg
SAR(1 g) = 4.12 W/kg; SAR(10 g) = 1.12 W/kg
Maximum value of SAR (measured) = 12.8 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 18.97 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 14.8 W/kg
SAR(1 g) = 2.35 W/kg; SAR(10 g) = 0.664 W/kg
Maximum value of SAR (measured) = 6.81 W/kg



0 dB = 6.81 W/kg = 8.33 dBW/kg

#109_WLAN6GHz_802.11ax-HE80 MCS0_Back_0mm_Ch167

Communication System: 802.11ax; Frequency: 6785.0 MHz; Duty Cycle: 1:1
Medium: HSL_6G_220923 Medium parameters used: $f=6785.0$ MHz; $\sigma=6.48$ S/m; $\epsilon_r=34.1$
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

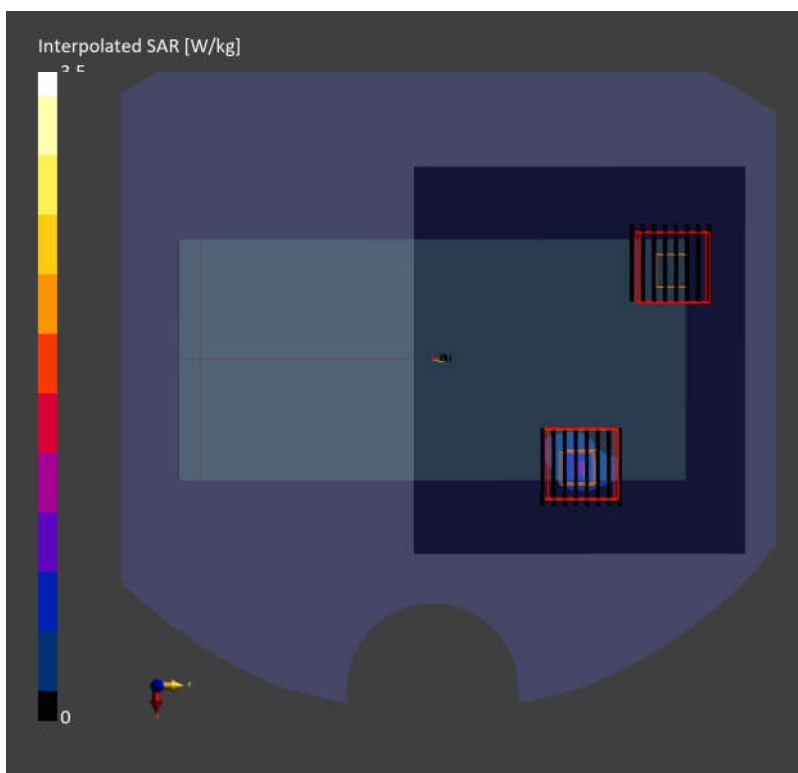
DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.0, 5.0, 5.0); Calibrated: 2022-03-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2022-01-26
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: WLAN, 10719-AAC

Area Scan (119.0 mm x 102.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.644 W/kg; SAR (10g) = 0.165 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 = 0.14 dB
SAR (1g) = 0.092 W/kg; SAR (8g) = 0.037 W/kg; SAR (10g) = 0.033 W/kg
psAPD (1.0cm², sq) = 0.919 [W/m²]; psAPD (4.0cm², sq) = 0.745 [W/m²]

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 = 0.14 dB
SAR (1g) = 0.610 W/kg; SAR (8g) = 0.194 W/kg; SAR (10g) = 0.166 W/kg
psAPD (1.0cm², sq) = 6.1 [W/m²]; psAPD (4.0cm², sq) = 3.88 [W/m²]



Measurement Report for Device

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	152.0 x 74.0 x 8.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 2.00	6785.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1044	Air -	EUmmWV3 - SN9424_F1-55GHz, 2022-04-06	DAE4 Sn316, 2022-01-26

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 80.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

Date	2022-09-27, 01:09
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.33
psPDtot+ [W/m ²]	3.66
H _{max} [A/m]	0.127
E _{max} [V/m]	53.0
max _(Stot) [W/m ²]	6.32
Power Drift [dB]	-0.16

