

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

Date: 2024/12/9

#63_FR1 n2 Ant 1_20M_BPSK_1_1_Back_0mm_Ch376000

Communication System: UID 10931 - AAB, 5G NR; Frequency: 1880 MHz

Medium: HSL_1900_241209 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.417$ S/m; $\epsilon_r = 38.961$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.41, 7.32, 7.83) @ 1880 MHz; Calibrated: 2024/8/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2024/7/15
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 2.86 W/kg

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

Reference Value = 7.792 V/m; Power Drift = 0.06 dB

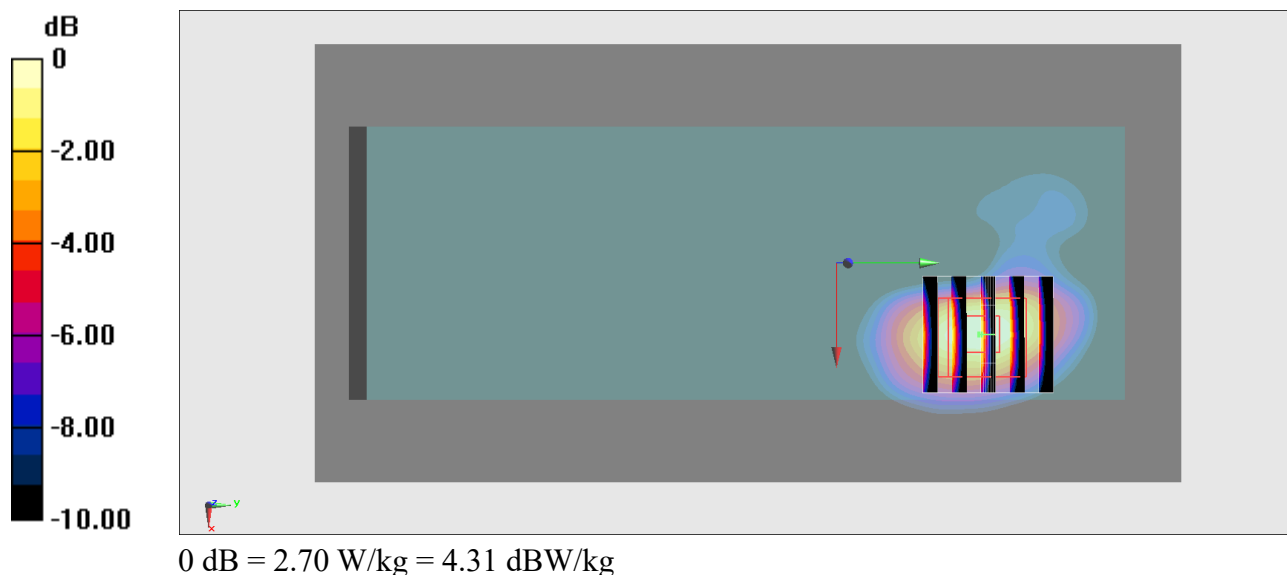
Peak SAR (extrapolated) = 3.11 W/kg

SAR(1 g) = 1.87 W/kg; SAR(10 g) = 1 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 61.8%

Maximum value of SAR (measured) = 2.70 W/kg



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

Date: 2024/12/10

#64_FR1 n7 Ant 5_40M_BPSK_1_1_Back_0mm_Ch507000

Communication System: UID 10934 - AAB, 5G NR; Frequency: 2535 MHz

Medium: HSL_2600_241210 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.912$ S/m; $\epsilon_r = 39.001$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.29, 7.2, 7.7) @ 2535 MHz; Calibrated: 2024/8/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2024/7/15
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.21 W/kg

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

Reference Value = 20.78 V/m; Power Drift = -0.09 dB

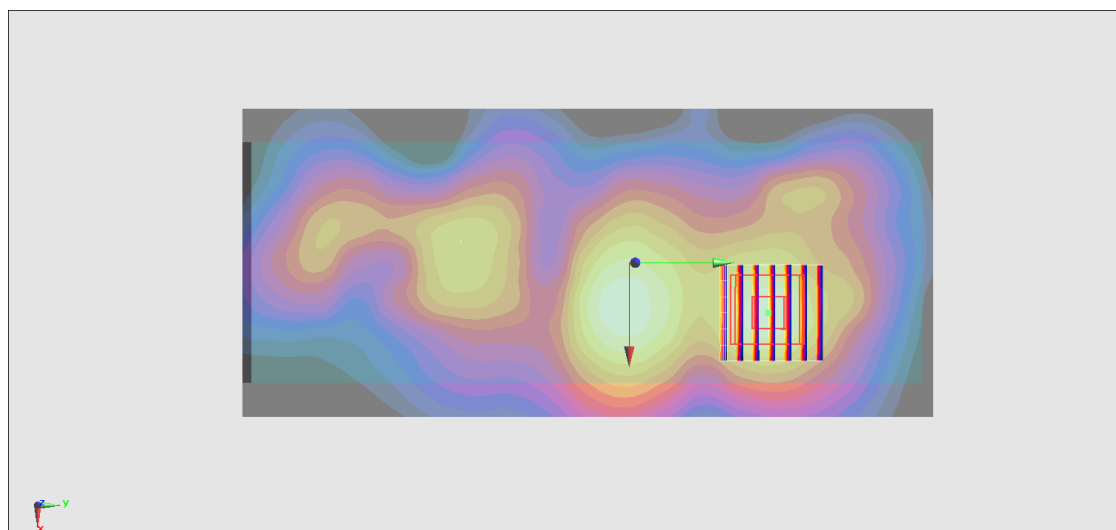
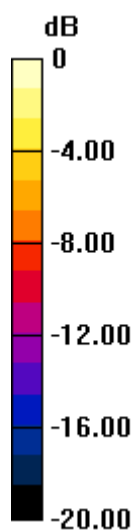
Peak SAR (extrapolated) = 2.62 W/kg

SAR(1 g) = 1.37 W/kg; SAR(10 g) = 0.670 W/kg

Smallest distance from peaks to all points 3 dB below = 12 mm

Ratio of SAR at M2 to SAR at M1 = 52.9%

Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 dBW/kg

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

Date: 2024/12/8

#65_FR1 n12 Ant 1_15M_BPSK_1_1_Back_0mm_Ch141500

Communication System: UID 10930 - AAB, 5G NR; Frequency: 707.5 MHz

Medium: HSL_750_241208 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 42.671$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.2, 9.09, 9.72) @ 707.5 MHz; Calibrated: 2024/8/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2024/7/15
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.70 W/kg

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

Reference Value = 10.27 V/m; Power Drift = 0.18 dB

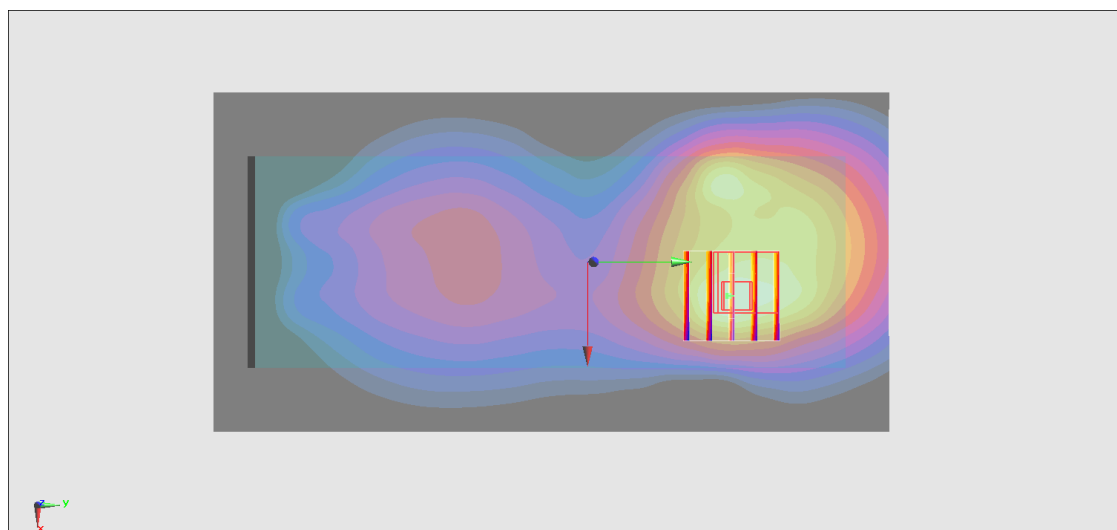
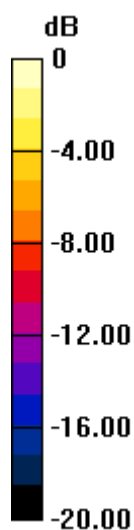
Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.559 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

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

Date: 2024/12/8

#66_FR1 n26 Ant 1_20M_BPSK_1_1_Back_0mm_Ch166300

Communication System: UID 10931 - AAB, 5G NR; Frequency: 831.5 MHz

Medium: HSL_850_241208 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.091$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.96, 8.85, 9.47) @ 831.5 MHz; Calibrated: 2024/8/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2024/7/15
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

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

Reference Value = 14.16 V/m; Power Drift = -0.03 dB

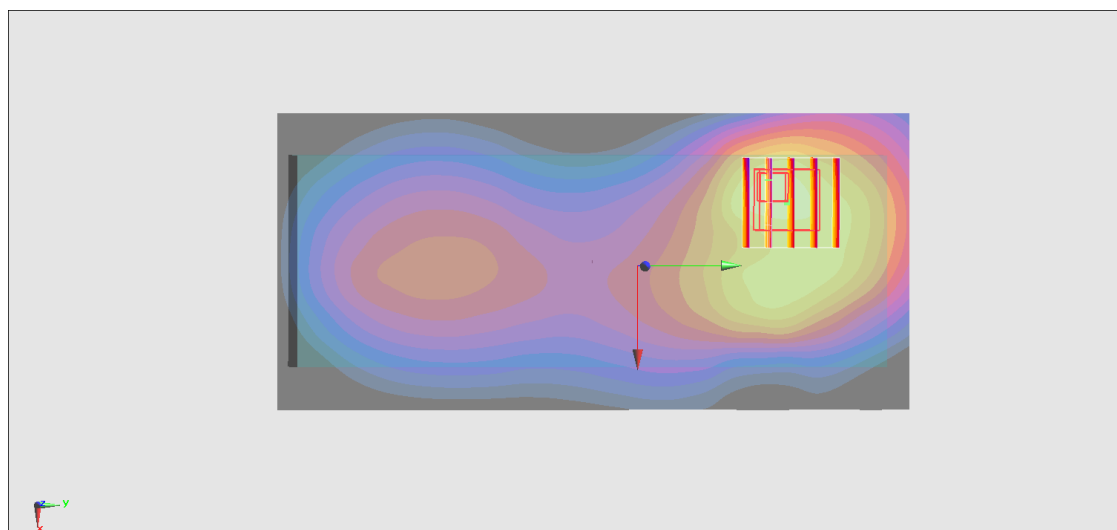
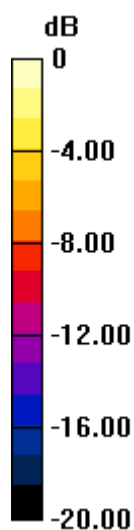
Peak SAR (extrapolated) = 2.64 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.639 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 41.7%

Maximum value of SAR (measured) = 2.01 W/kg



0 dB = 2.01 W/kg = 3.03 dBW/kg

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

Date: 2024/12/9

#67_FR1 n66 Ant 1_40M_BPSK_1_1_Back_0mm_Ch349000

Communication System: UID 10934 - AAB, 5G NR; Frequency: 1745 MHz

Medium: HSL_1750_241209 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.443$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.64, 7.55, 8.07) @ 1745 MHz; Calibrated: 2024/8/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2024/7/15
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 2.95 W/kg

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

Reference Value = 4.309 V/m; Power Drift = 0.05 dB

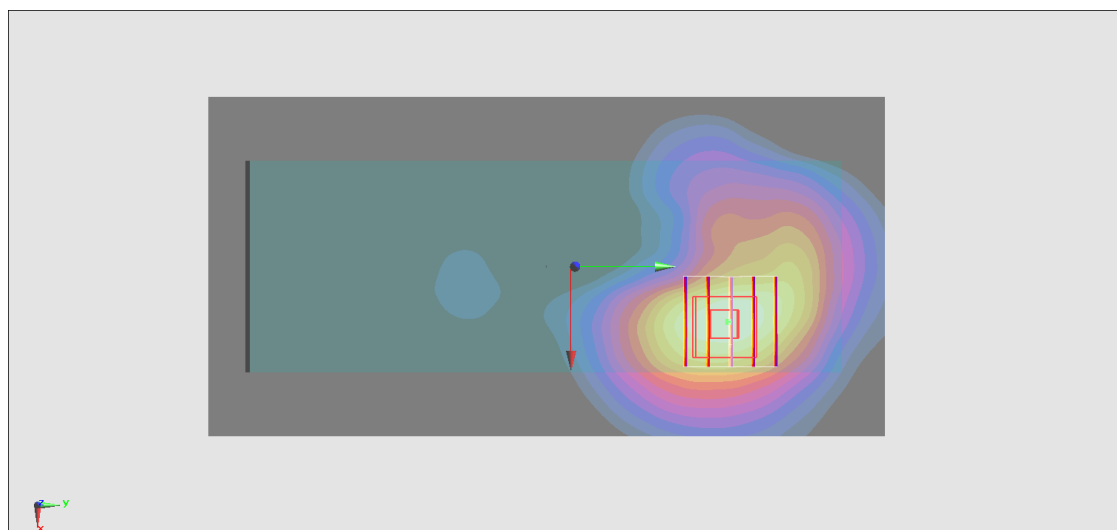
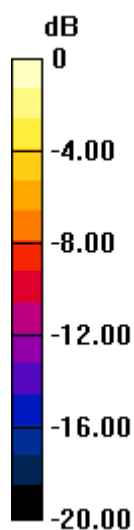
Peak SAR (extrapolated) = 3.18 W/kg

SAR(1 g) = 1.95 W/kg; SAR(10 g) = 1.07 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 61.7%

Maximum value of SAR (measured) = 2.79 W/kg



0 dB = 2.79 W/kg = 4.46 dBW/kg

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

Date: 2024/12/8

#68_FR1 n71 Ant 1_20M_BPSK_1_1_Back_0mm_Ch136100

Communication System: UID 10931 - AAB, 5G NR; Frequency: 680.5 MHz

Medium: HSL_750_241208 Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 42.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.2, 9.09, 9.72) @ 680.5 MHz; Calibrated: 2024/8/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2024/7/15
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.13 W/kg

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

Reference Value = 12.76 V/m; Power Drift = -0.00 dB

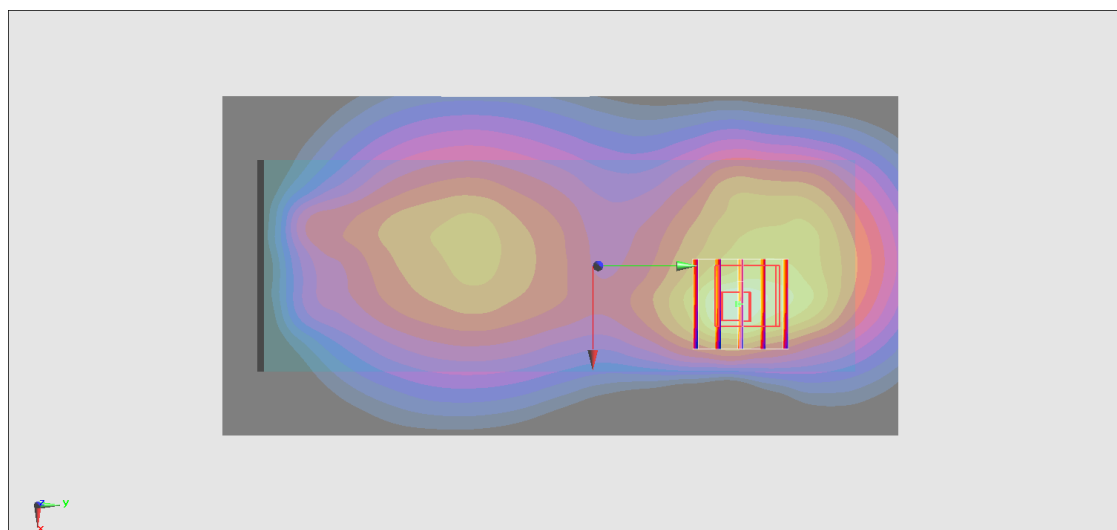
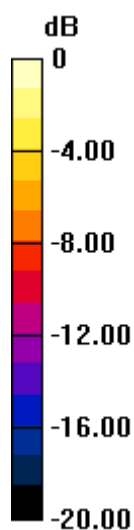
Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.294 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 42.9%

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



0 dB = 0.996 W/kg = -0.02 dBW/kg

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

Date: 2024/12/10

#69_FR1 n41 Ant 5_100M_BPSK_1_1_Back_0mm_Ch518598

Communication System: UID 10866 - AAD, 5G NR; Frequency: 2592.99 MHz

Medium: HSL_2600_241210 Medium parameters used: $f = 2592.99$ MHz; $\sigma = 1.982$ S/m; $\epsilon_r = 38.77$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.29, 7.2, 7.7) @ 2592.99 MHz; Calibrated: 2024/8/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2024/7/15
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.90 W/kg

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

Reference Value = 19.99 V/m; Power Drift = -0.09 dB

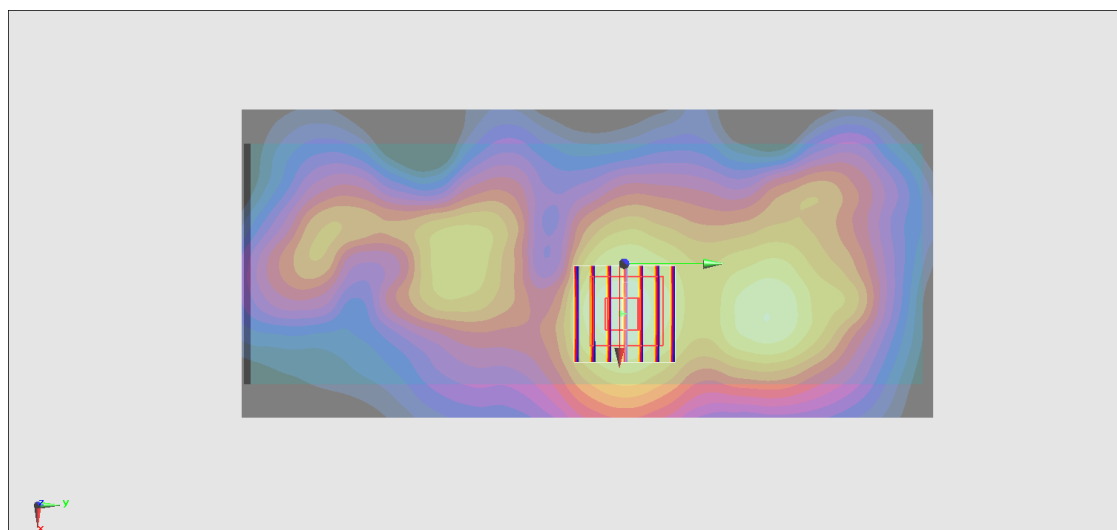
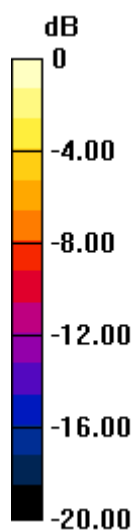
Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.700 W/kg

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.3%

Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 1.99 W/kg = 2.99 dBW/kg

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

Date: 2024/12/11

#70_FR1 n77 HPUE Ant 8_100M_BPSK_1_1_Right Side_0mm_Ch656000

Communication System: UID 10973 - AAA, 5G NR; Frequency: 3840 MHz

Medium: HSL_3900_241211 Medium parameters used: $f = 3840$ MHz; $\sigma = 3.249$ S/m; $\epsilon_r = 37.578$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(6.12, 6.05, 6.47) @ 3840 MHz; Calibrated: 2024/8/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2024/7/15
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x201x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 4.12 W/kg

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

Reference Value = 39.94 V/m; Power Drift = -0.1 dB

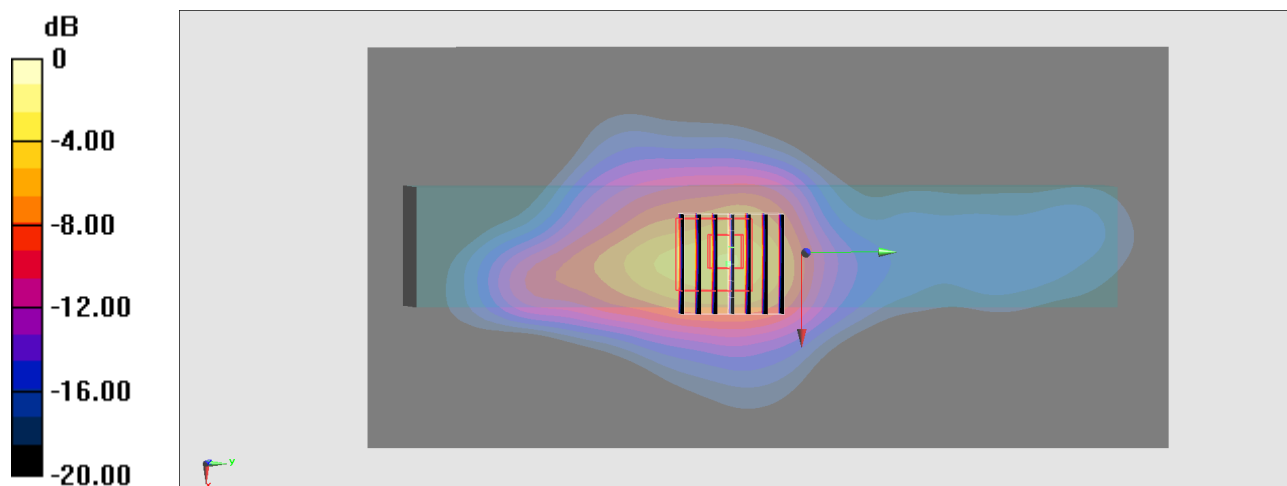
Peak SAR (extrapolated) = 13.5 W/kg

SAR(1 g) = 5.11 W/kg; SAR(10 g) = 2.02 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 76.3%

Maximum value of SAR (measured) = 9.95 W/kg



0 dB = 9.95 W/kg = 9.98 dBW/kg

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

Date: 2024/12/10

#71_WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ch6

Communication System: UID 10415 - AAA, IEEE 802.11b ; Frequency: 2437 MHz

Medium: HSL_2450_241210 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.774$ S/m; $\epsilon_r = 39.523$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.51, 6.73, 8.77) @ 2437 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2024/3/14
- Phantom: ELI V4.0_Right; Type: QD OVA 001 BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (121x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.11 W/kg

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

Reference Value = 4.831 V/m; Power Drift = 0.05 dB

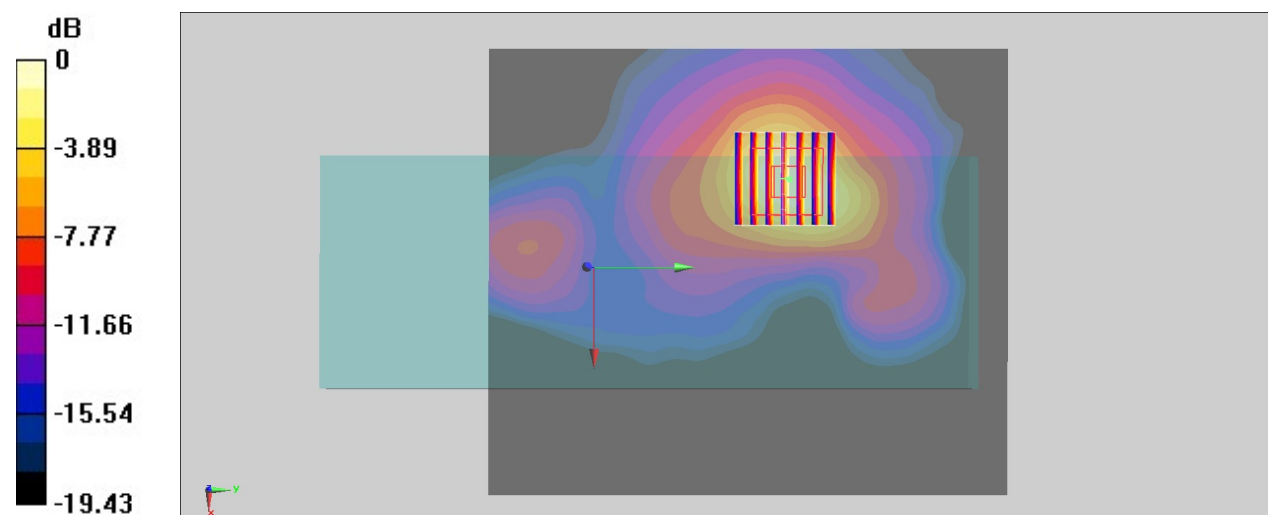
Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.394 W/kg

Smallest distance from peaks to all points 3 dB below = 11.3 mm

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

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

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

Date: 2024/12/11

#72_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_0mm_Ch58

Communication System: UID 10544 - AAD, IEEE 802.11ac ; Frequency: 5290 MHz

Medium: HSL_5G_241211 Medium parameters used : $f = 5290$ MHz; $\sigma = 4.862$ S/m; $\epsilon_r = 36.736$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.46, 4.11, 5.36) @ 5290 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2024/3/14
- Phantom: ELI V4.0_Right; Type: QD OVA 001 BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 20.6 W/kg

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

Reference Value = 10.51 V/m; Power Drift = 0.00 dB

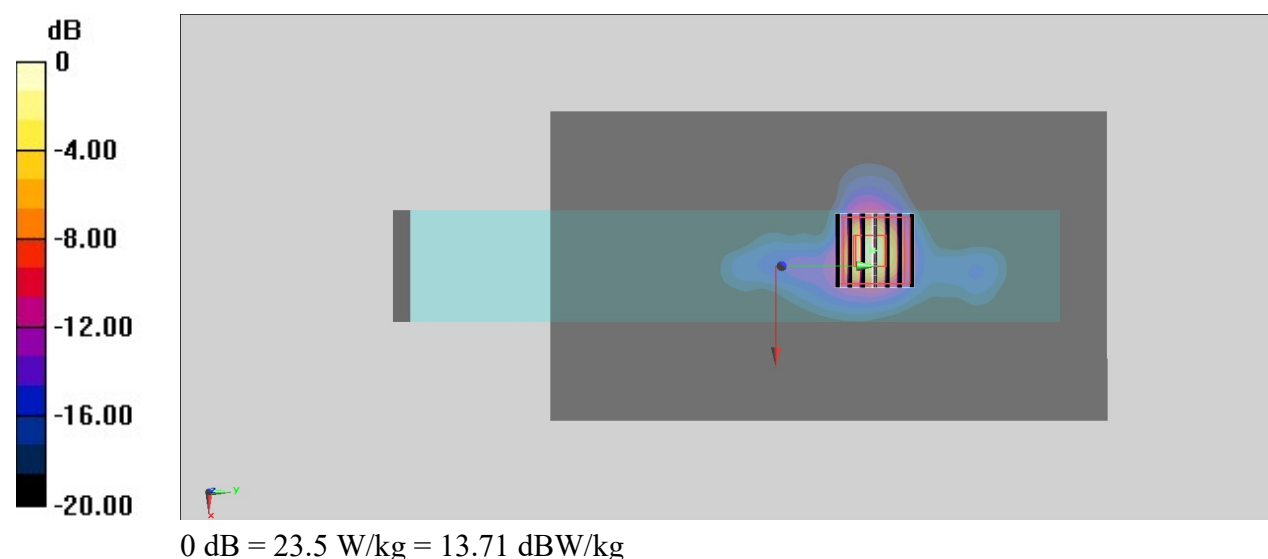
Peak SAR (extrapolated) = 40.7 W/kg

SAR(1 g) = 8.22 W/kg; SAR(10 g) = 1.83 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 63.1%

Maximum value of SAR (measured) = 23.5 W/kg



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

Date: 2024/12/11

#73_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_0mm_Ch106

Communication System: UID 10544 - AAD, IEEE 802.11ac ; Frequency: 5530 MHz

Medium: HSL_5G_241211 Medium parameters used : $f = 5530$ MHz; $\sigma = 5.107$ S/m; $\epsilon_r = 36.41$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.96, 3.67, 4.73) @ 5530 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2024/3/14
- Phantom: ELI V4.0_Right; Type: QD OVA 001 BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 23.9 W/kg

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

Reference Value = 10.63 V/m; Power Drift = -0.01 dB

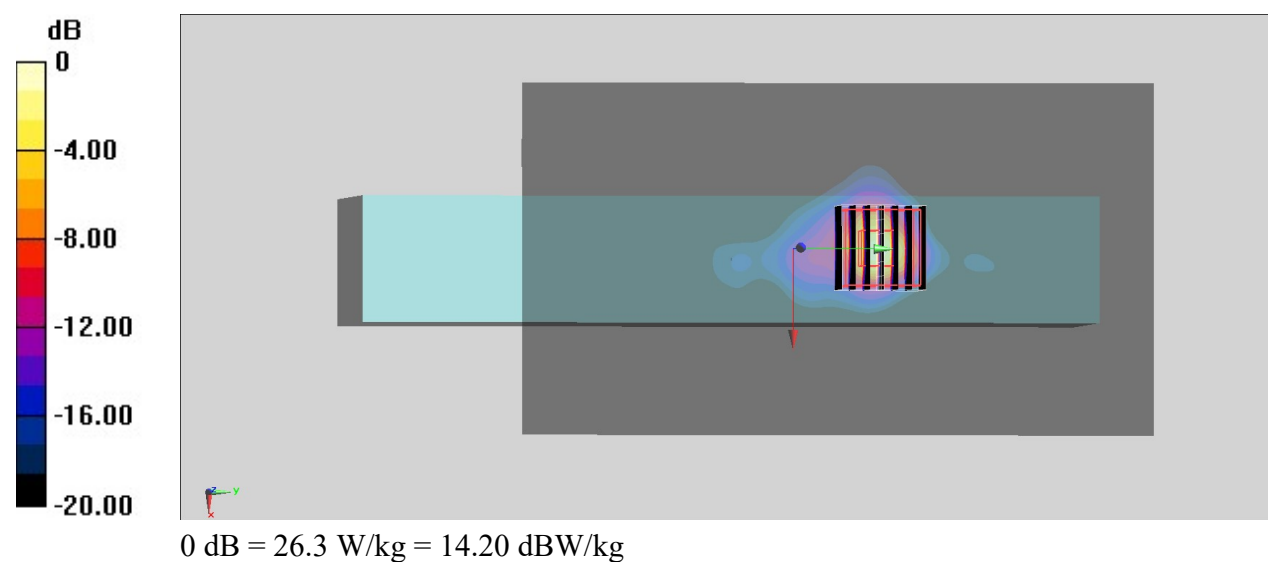
Peak SAR (extrapolated) = 44.1 W/kg

SAR(1 g) = 8.96 W/kg; SAR(10 g) = 1.96 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 62.9%

Maximum value of SAR (measured) = 26.3 W/kg



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

Date: 2024/12/11

#74_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch155

Communication System: UID 10544 - AAD, IEEE 802.11ac; Frequency: 5775 MHz

Medium: HSL_5G_241211 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.381$ S/m; $\epsilon_r = 36.085$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.03, 3.72, 4.8) @ 5775 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2024/3/14
- Phantom: ELI V4.0_Right; Type: QD OVA 001 BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (121x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

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

Reference Value = 3.644 V/m; Power Drift = 0.16 dB

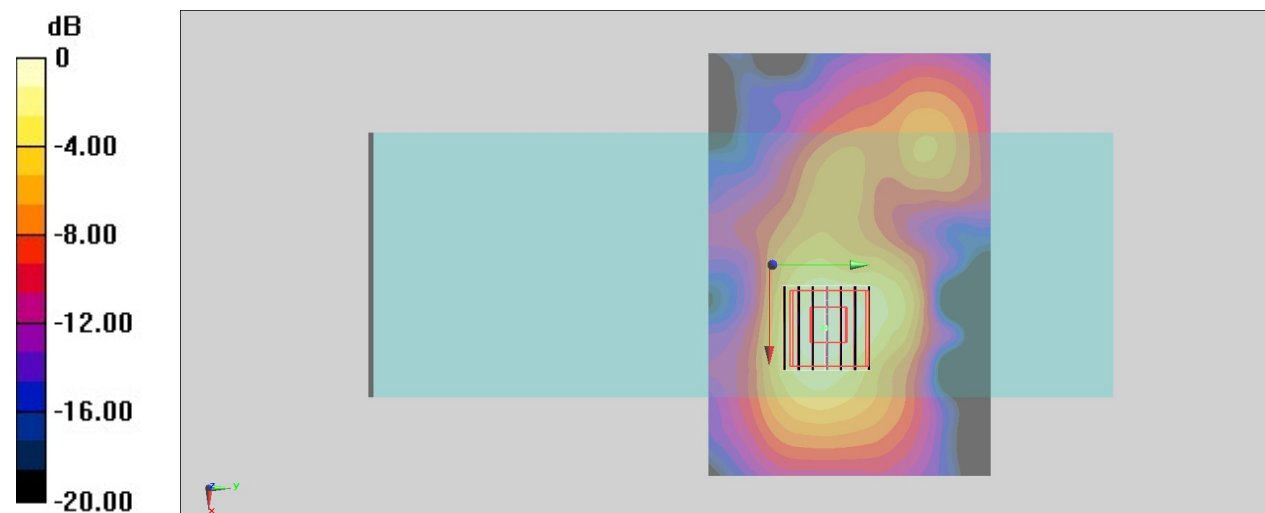
Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.276 W/kg

Smallest distance from peaks to all points 3 dB below = 11.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.9%

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg = 2.15 dBW/kg

Date: 2024-11-19

#75_WLAN6GHz_802.11ax-HE160 MCS0_Right Side_0mm_Ch47

Communication System: 802.11ax; Frequency: 6185.000 MHz

Medium: HSL_6G_241119 Medium parameters used: $f = 6185.000$ MHz; $\sigma = 5.68$ S/m; $\epsilon_r = 35.4$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY8 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.25, 4.81, 6.16); Calibrated: 2024-04-25
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1512; Calibrated: 2024-03-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156_Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (119.0 mm x 170.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 1.20 W/kg; SAR (10g) = 0.292 W/kg;

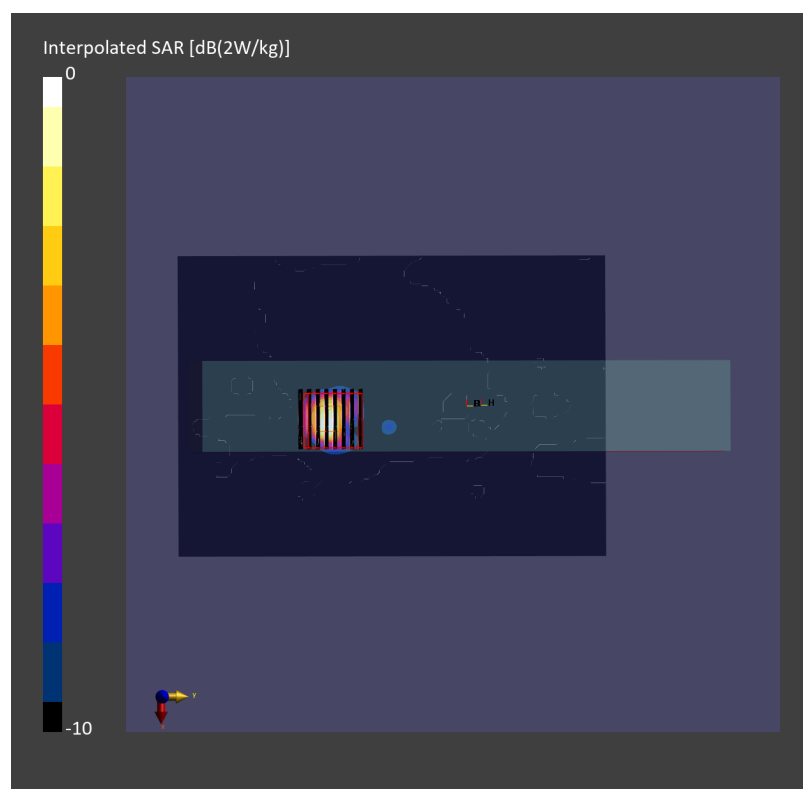
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.04 dB

SAR (1g) = 1.37 W/kg; SAR (8g) = 0.364 W/kg; SAR (10g) = 0.306 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 51.3 %

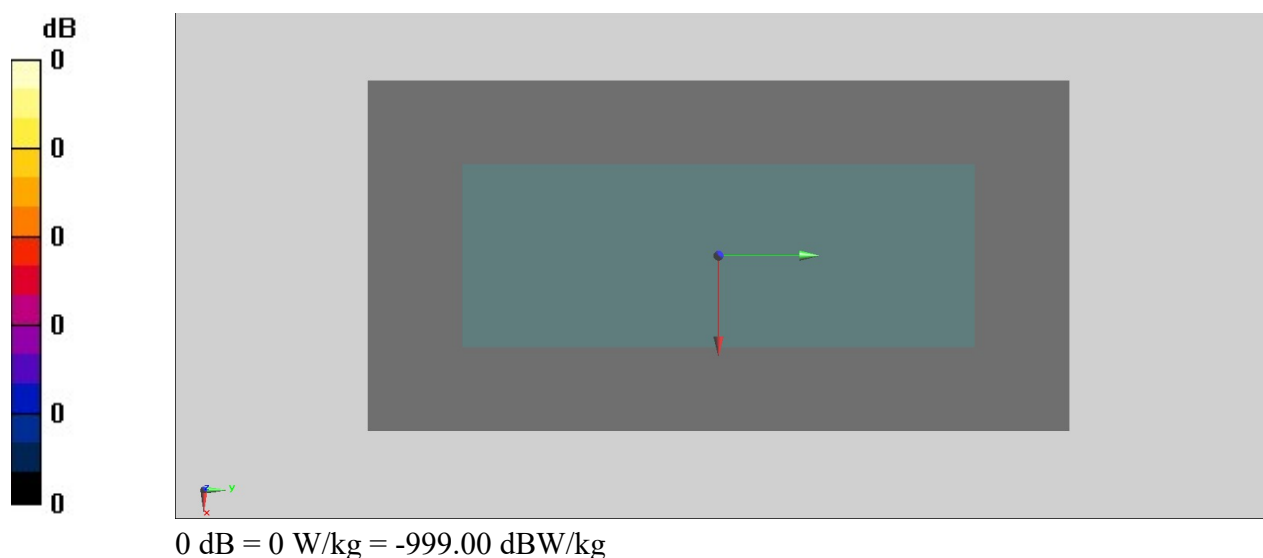
psAPD (1.0cm², sq) = 13.7 [W/m²]; psAPD (4.0cm², sq) = 7.27 [W/m²]

Date: 2024/12/8

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth ; Frequency: 2402 MHz
Medium: HSL_2450_241208 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 39.472$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

- Probe: EX3DV4 - SN3642; ConvF(7.51, 6.73, 8.77) @ 2402 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2024/3/14
- Phantom: ELI V4.0_Right; Type: QD OVA 001 BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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



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

Date: 2024/11/22

#77_NFC_Back_0mm_13.56MHz

Communication System: NFC; Frequency: 13.56 MHz

Medium: HSL_13_241122 Medium parameters used: $f = 14$ MHz; $\sigma = 0.748$ S/m; $\epsilon_r = 53.45$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(14.84, 14.84, 14.84) @ 13.56 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2024/3/14
- Phantom: ELI V4.0_Right; Type: QD OVA 001 BB; Serial: TP:1025
- Measurement SW: DASY52, Version52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.131 W/kg

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

Reference Value = 13.09 V/m; Power Drift = -0.11 dB

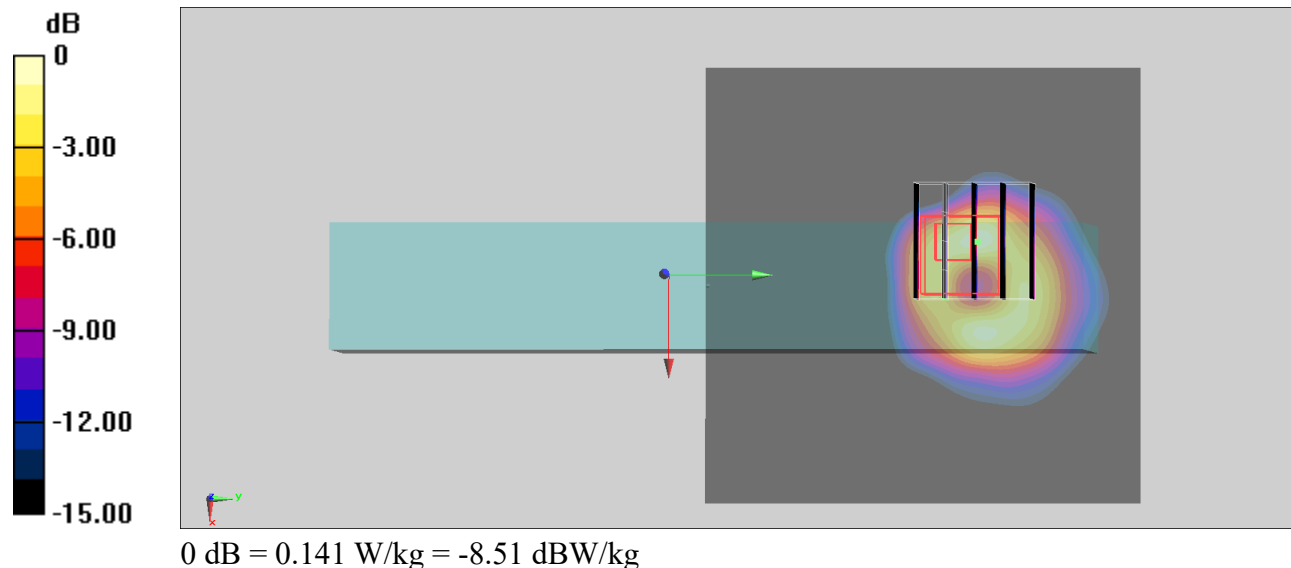
Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.026 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 46%

Maximum value of SAR (measured) = 0.141 W/kg



Measurement Report for 4O2228

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	Software Version	DUT Type
4O2228,	207.0 x 72.0 x 35.0	3.2.0.1840	Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	EDGE RIGHT, 2.00	6185.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1044	Air –	EUmmWV3 – SN9424_F1–55GHz, 2024–03–12	DAE4 Sn854, 2024–08–14

Scans Setup

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

Measurement Results

Date	2024–11–28
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.55
psPDtot+ [W/m ²]	3.80
H _{max} [A/m]	0.179
E _{max} [V/m]	63.5
max _(Stot) [W/m ²]	6.37
Power Drift [dB]	0.14
IPDn	3.31

