

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

Date: 2025/3/14

53_FR1 n7_50M_QPSK_135RB_68Offset_DFT-15_Back_5mm_Ch507000

Communication System: UID 0, 5G NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.895$ S/m; $\epsilon_r = 40.12$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.7, 7.61, 7.52); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x161x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.36 W/kg

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

Reference Value = 6.433 V/m; Power Drift = 0.12 dB

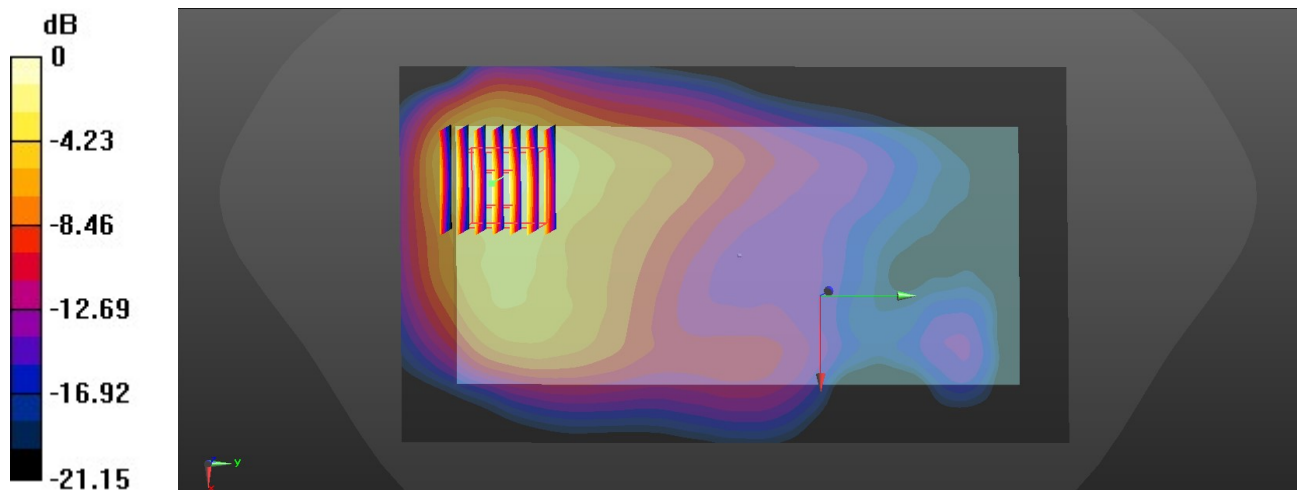
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.384 W/kg

Smallest distance from peaks to all points 3 dB below = 9.8 mm

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

Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

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

Date: 2025/3/14

54_FR1 n41_100M_QPSK_1RB_137Offset_DFT-30_Back_5mm_Ch518598

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
 Medium: HSL_2600 Medium parameters used: $f = 2592.99$ MHz; $\sigma = 1.944$ S/m; $\epsilon_r = 40.047$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.7, 7.61, 7.52); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
 Maximum value of SAR (interpolated) = 1.44 W/kg

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

Reference Value = 7.038 V/m; Power Drift = 0.16 dB

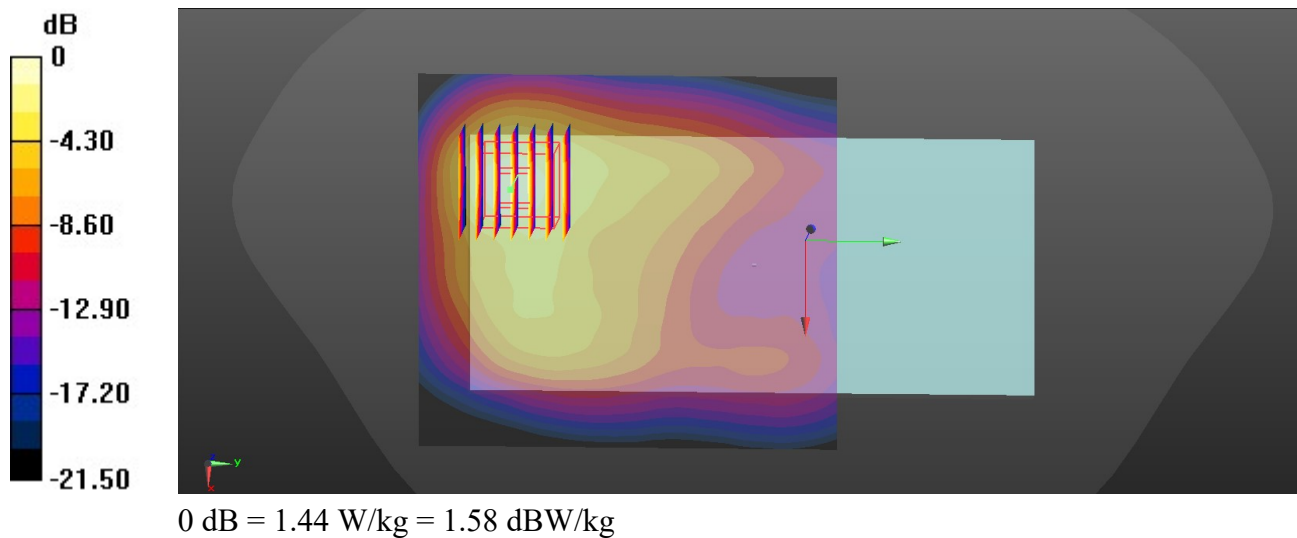
Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.451 W/kg

Smallest distance from peaks to all points 3 dB below = 9.8 mm

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

Maximum value of SAR (measured) = 1.39 W/kg



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

Date: 2025/3/14

55_LTE Band 41_20M_QPSK_1RB_49Offset_Back_5mm_Ch39750

Communication System: UID 0, LTE (0); Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600 Medium parameters used: $f = 2506$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 40.284$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.7, 7.61, 7.52); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.54 W/kg

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

Reference Value = 8.751 V/m; Power Drift = -0.08 dB

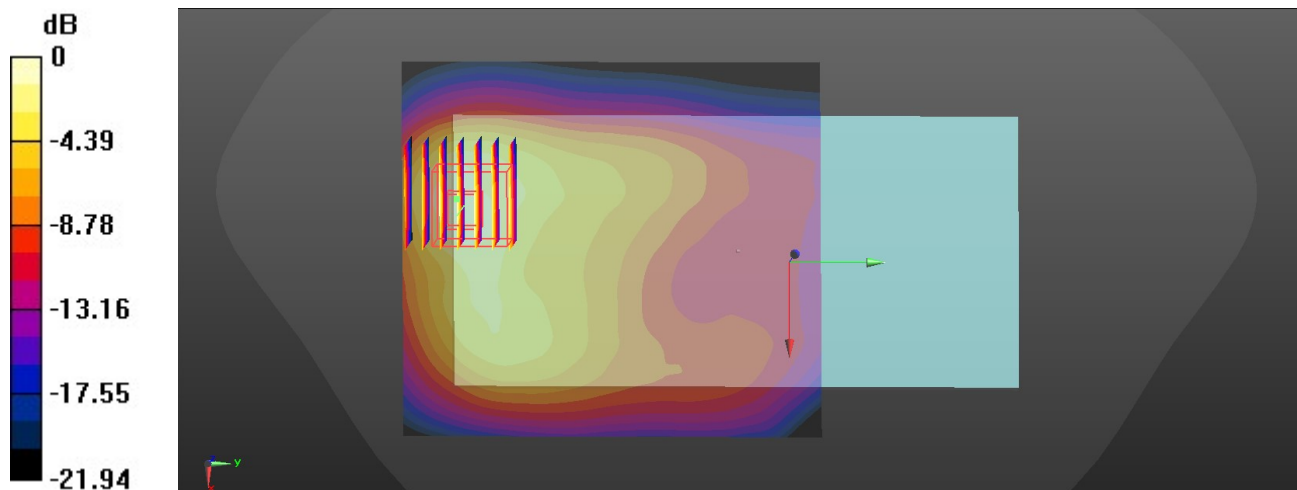
Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.97 W/kg; SAR(10 g) = 0.523 W/kg

Smallest distance from peaks to all points 3 dB below = 10.3 mm

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

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



0 dB = 1.54 W/kg = 1.88 dBW/kg

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

Date: 2025/3/16

56_LTE Band 42_20M_QPSK_1RB_49Offset_Back_5mm_Ch42990

Communication System: UID 0, LTE (0); Frequency: 3540 MHz; Duty Cycle: 1:1.59

Medium: HSL_3500 Medium parameters used: $f = 3540$ MHz; $\sigma = 2.899$ S/m; $\epsilon_r = 38.355$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(6.99, 6.9, 6.82); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

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

Reference Value = 0 V/m; Power Drift = 0.06 dB

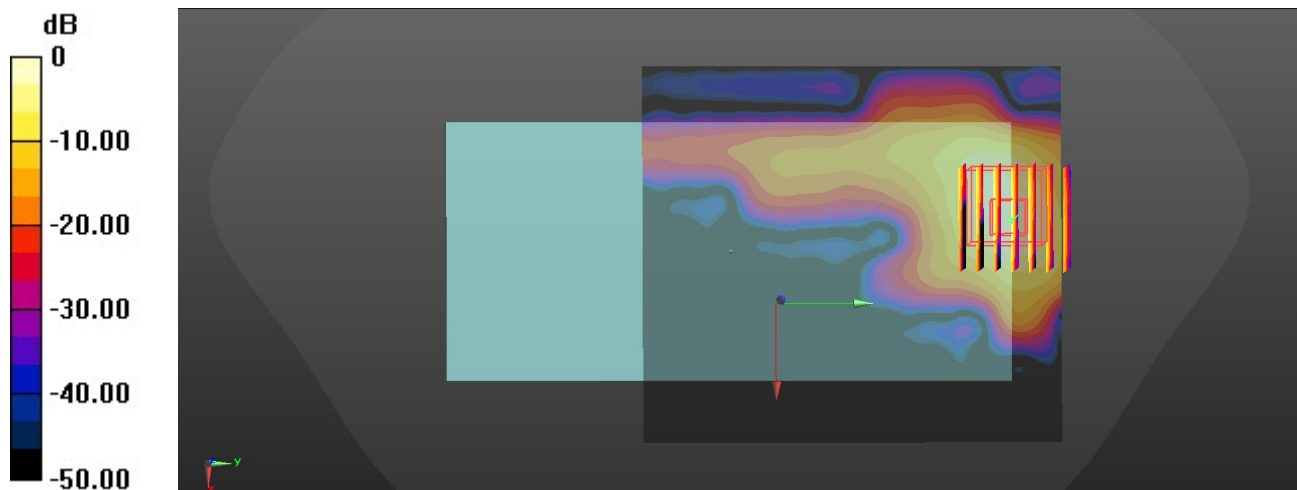
Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.235 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 77%

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

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

Date: 2025/3/9

57_FR1 n77_100M_QPSK_135RB_69Offset_DFT-30_Back_5mm_Ch656000

Communication System: UID 0, 5G NR (0); Frequency: 3840 MHz; Duty Cycle: 1:1

Medium: HSL_3900 Medium parameters used: $f = 3840$ MHz; $\sigma = 3.122$ S/m; $\epsilon_r = 36.843$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(6.96, 6.88, 6.79); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 3.972 V/m; Power Drift = -0.1 dB

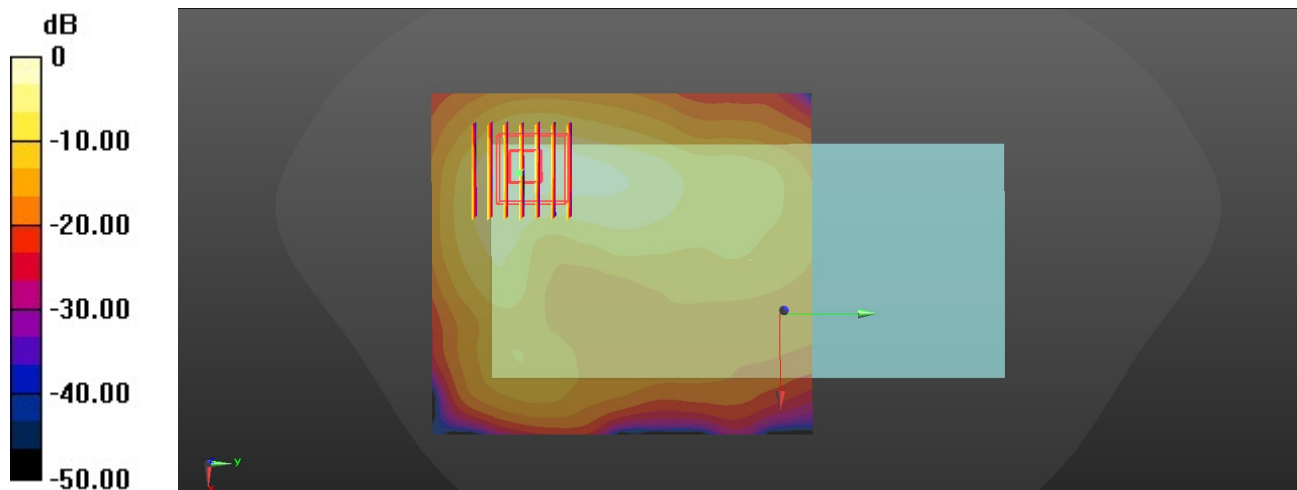
Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.302 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 75.2%

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

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

Date: 2025/3/17

58_Bluetooth_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.298

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 40.244$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.81, 7.71, 7.62); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.213 W/kg

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

Reference Value = 1.804 V/m; Power Drift = 0.03 dB

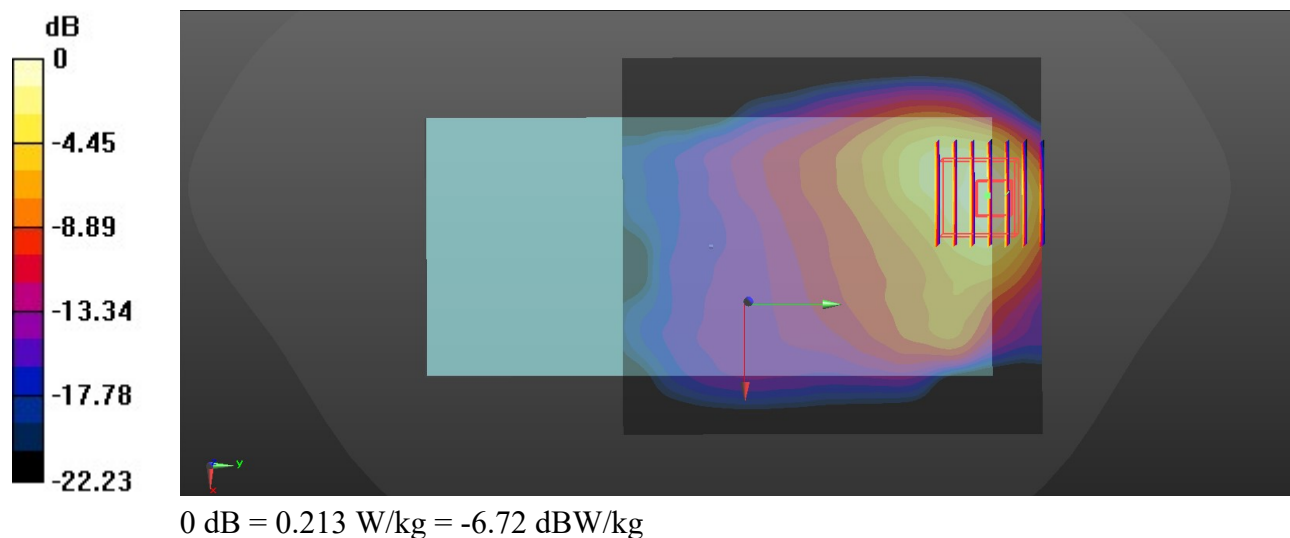
Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.059 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 0.179 W/kg



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

Date: 2025/3/17

59_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz; Duty Cycle: 1:1.004

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.797$ S/m; $\epsilon_r = 40.235$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.81, 7.71, 7.62); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.447 V/m; Power Drift = 0.17 dB

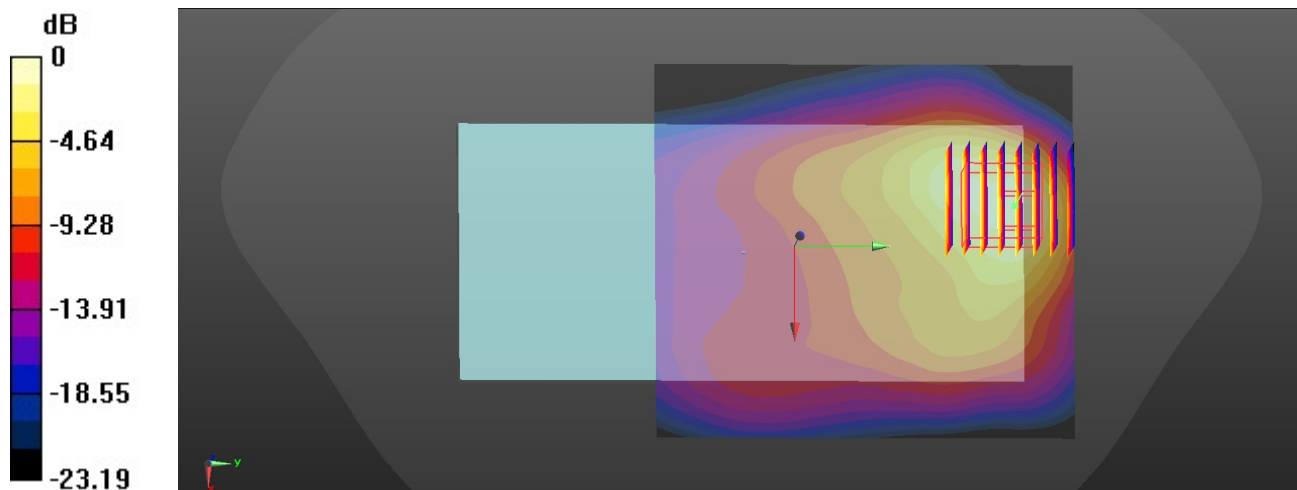
Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.416 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.7%

Maximum value of SAR (measured) = 0.944 W/kg



0 dB = 1.22 W/kg = 0.68 dBW/kg

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

Date: 2025/3/11

60_WLAN5GHz_802.11a 6Mbps_Back_5mm_Ch56

Communication System: UID 0, WIFI (0); Frequency: 5280 MHz; Duty Cycle: 1:1.036
Medium: HSL_5250 Medium parameters used: $f = 5280$ MHz; $\sigma = 4.545$ S/m; $\epsilon_r = 35.551$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

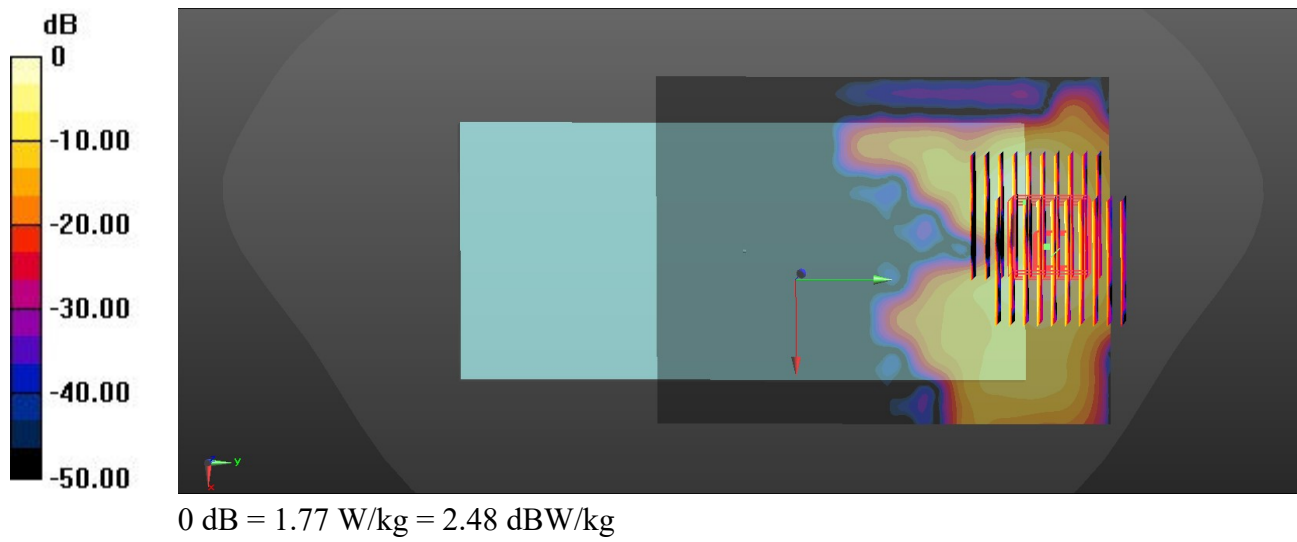
DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(6.15, 6.08, 6.01); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x131x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.95 W/kg

Zoom Scan (10x10x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm
Reference Value = 0 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.89 W/kg
SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.249 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 65.9%
Maximum value of SAR (measured) = 1.77 W/kg

Zoom Scan (10x10x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm
Reference Value = 0 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.80 W/kg
SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.242 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 66%
Maximum value of SAR (measured) = 1.76 W/kg



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

Date: 2025/3/13

61_WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ch138

Communication System: UID 0, WIFI (0); Frequency: 5690 MHz; Duty Cycle: 1:1

Medium: HSL_5600 Medium parameters used: $f = 5690$ MHz; $\sigma = 5.012$ S/m; $\epsilon_r = 34.917$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.5, 5.44, 5.37); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.69 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.11 dB

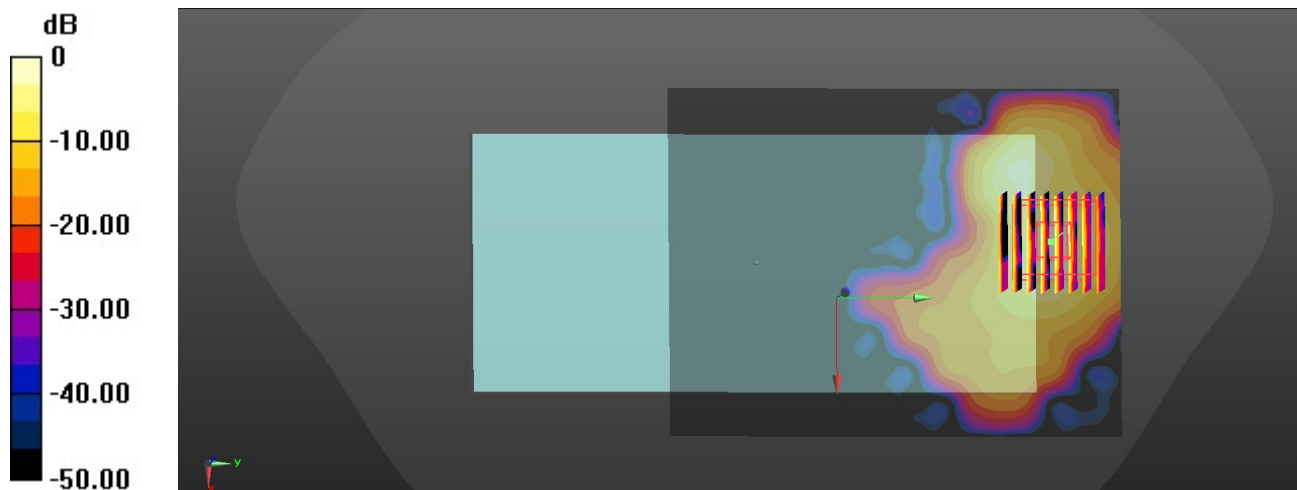
Peak SAR (extrapolated) = 3.68 W/kg

SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.212 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 59.4%

Maximum value of SAR (measured) = 1.89 W/kg



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

Date: 2025/3/15

62_WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WIFI (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: HSL_5800 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.114$ S/m; $\epsilon_r = 34.678$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.47, 5.41, 5.34); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x131x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.92 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 0 V/m; Power Drift = -0.03 dB

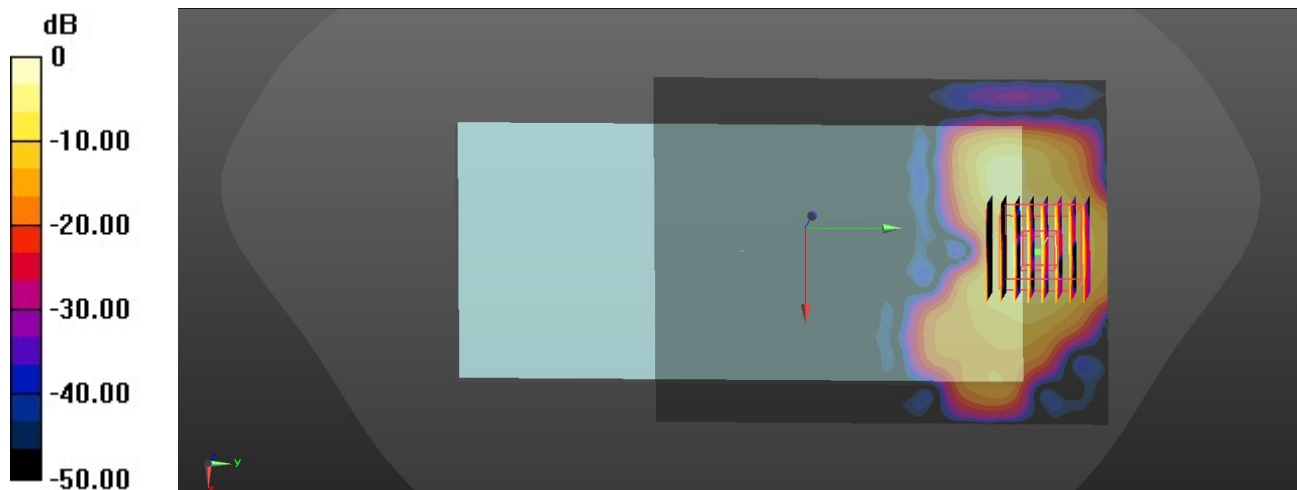
Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.188 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

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

Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.92 W/kg = 2.83 dBW/kg

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

Date: 2025/2/28

63_GSM850_GPRS 4 TX Slot_Back_0mm_Ch189

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.08
 Medium: HSL_835 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 42.216$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(10.19, 10.07, 9.95); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 5.06 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.70 V/m; Power Drift = 0.06 dB

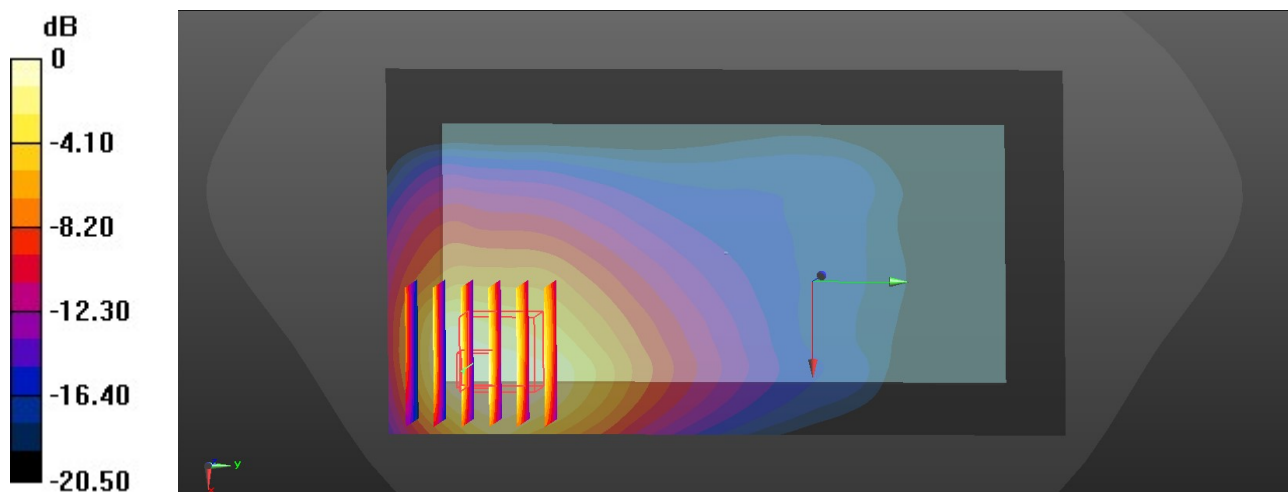
Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 3.91 W/kg; SAR(10 g) = 2.08 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 35%

Maximum value of SAR (measured) = 7.97 W/kg



0 dB = 5.06 W/kg = 7.04 dBW/kg

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

Date: 2025/2/28

64_WCDMA V_RMC 12.2Kbps_Back_0mm_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 42.05$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(10.19, 10.07, 9.95); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 7.68 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.37 V/m; Power Drift = 0.03 dB

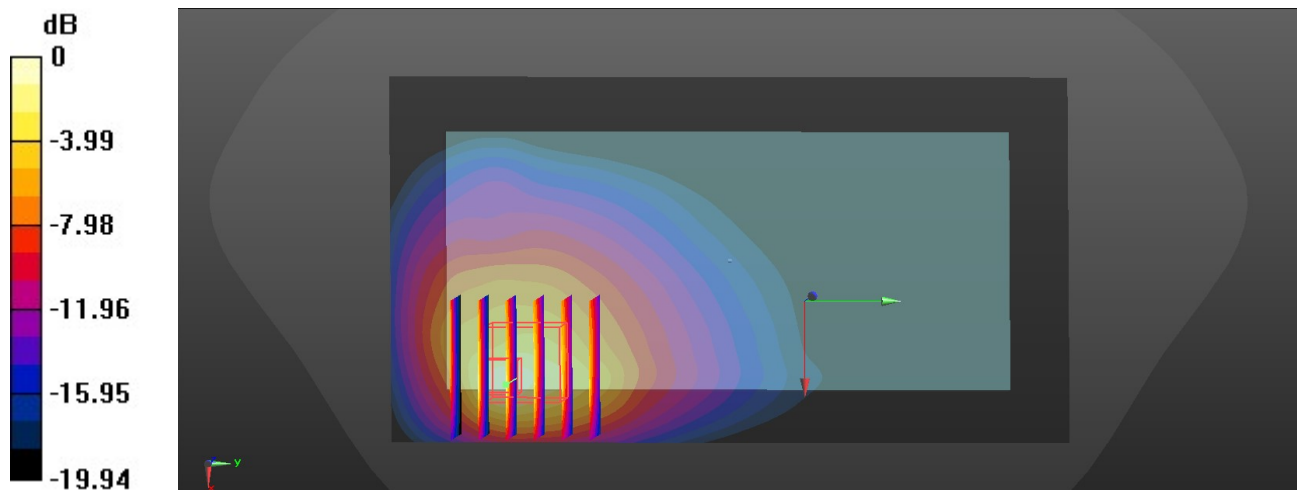
Peak SAR (extrapolated) = 9.96 W/kg

SAR(1 g) = 3.58 W/kg; SAR(10 g) = 1.83 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 37.8%

Maximum value of SAR (measured) = 7.05 W/kg



0 dB = 7.68 W/kg = 8.85 dBW/kg

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

Date: 2025/2/28

77_LTE Band 26_15M_QPSK_1RB_37Offset_Back_0mm_Ch26865

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 42.223$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(10.19, 10.07, 9.95); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.55 W/kg

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

Reference Value = 12.79 V/m; Power Drift = -0.13 dB

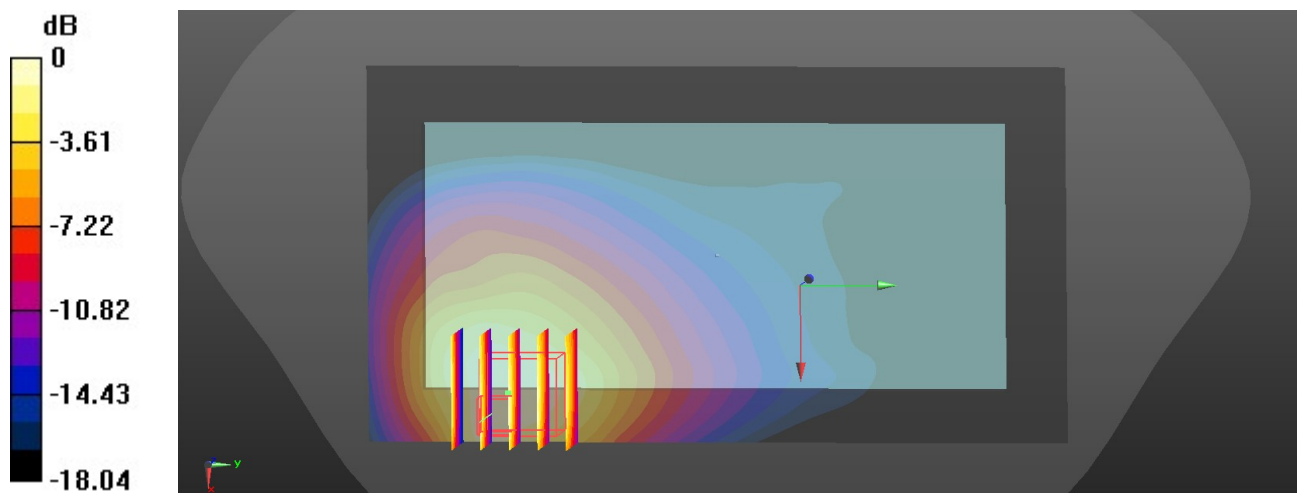
Peak SAR (extrapolated) = 7.99 W/kg

SAR(1 g) = 3.14 W/kg; SAR(10 g) = 1.62 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 37.1%

Maximum value of SAR (measured) = 6.03 W/kg



0 dB = 3.55 W/kg = 5.50 dBW/kg

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

Date: 2025/3/15

65_GSM1900_GPRS 4 TX Slot_Back_0mm_Ch512

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08
 Medium: HSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 41.018$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(8.33, 8.23, 8.13); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 5.48 W/kg

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

Reference Value = 5.216 V/m; Power Drift = 0.01 dB

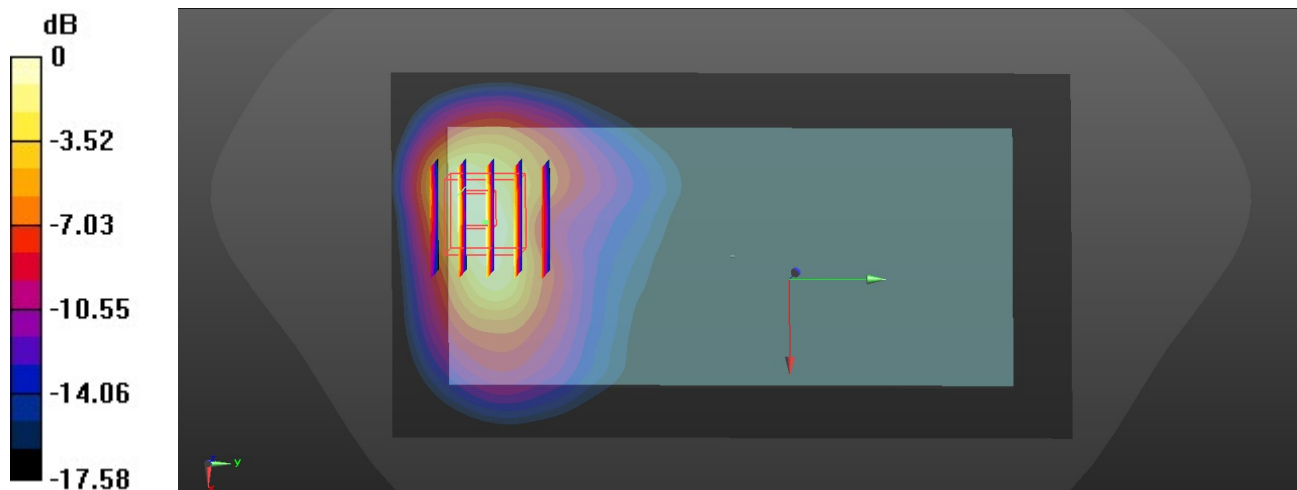
Peak SAR (extrapolated) = 7.78 W/kg

SAR(1 g) = 4.04 W/kg; SAR(10 g) = 1.81 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.4%

Maximum value of SAR (measured) = 5.89 W/kg



0 dB = 5.48 W/kg = 7.39 dBW/kg

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

Date: 2025/3/15

66_WCDMA II_RMC 12.2Kbps_Back_0mm_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.424$ S/m; $\epsilon_r = 41.016$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(8.33, 8.23, 8.13); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 6.28 W/kg

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

Reference Value = 6.272 V/m; Power Drift = 0.19 dB

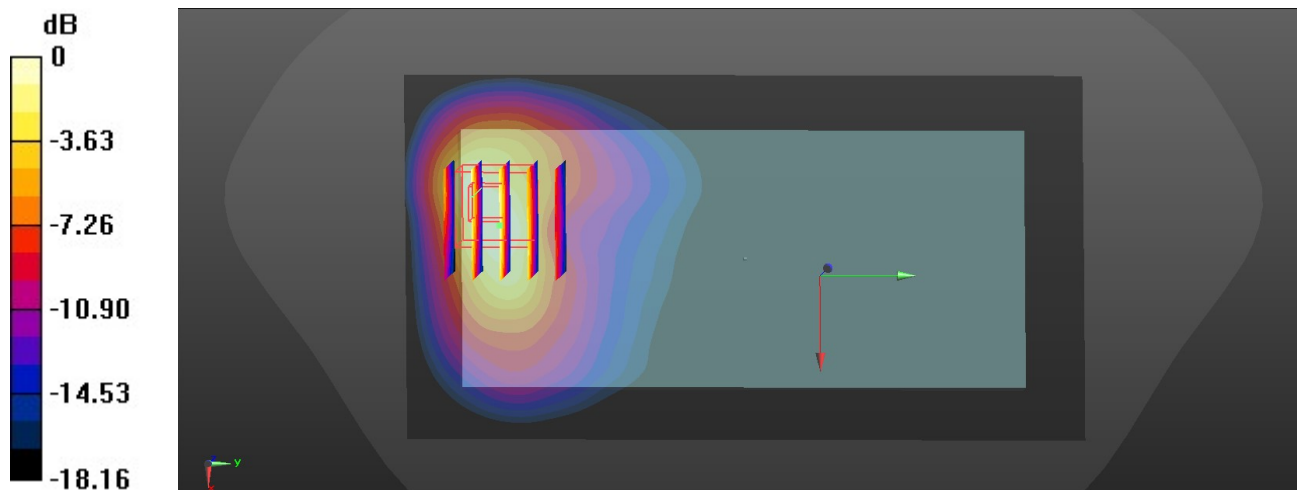
Peak SAR (extrapolated) = 8.65 W/kg

SAR(1 g) = 4.64 W/kg; SAR(10 g) = 2.18 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

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

Maximum value of SAR (measured) = 6.77 W/kg



0 dB = 6.28 W/kg = 7.98 dBW/kg

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

Date: 2025/3/15

78_LTE Band 2_20M_QPSK_1RB_49Offset_Bottom Side_0mm_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 40.027$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(8.33, 8.23, 8.13) Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 8.11 W/kg

Zoom Scan (6x8x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 72.31 V/m; Power Drift = -0.10 dB

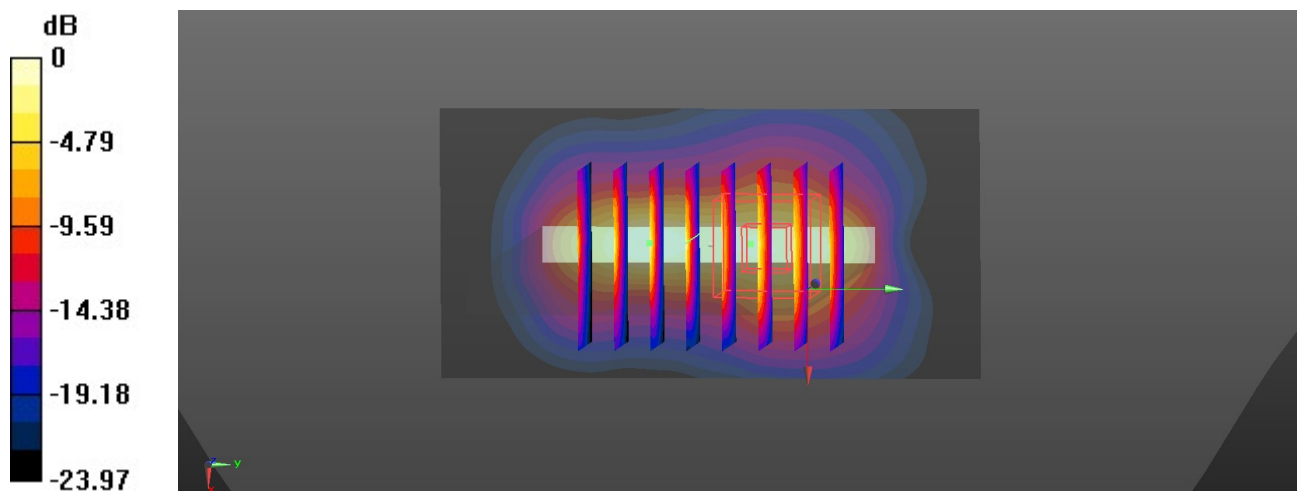
Peak SAR (extrapolated) = 8.73 W/kg

SAR(1 g) = 3.5 W/kg; SAR(10 g) = 1.69 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 31.4%

Maximum value of SAR (measured) = 6.84 W/kg



0 dB = 8.11 W/kg = 9.09 dBW/kg

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

Date: 2025/3/14

67_LTE Band 7_20M_QPSK_1RB_49Offset_Bottom Side_0mm_Ch21350

Communication System: UID 0, LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.916$ S/m; $\epsilon_r = 40.081$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.7, 7.61, 7.52); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 11.2 W/kg

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

Reference Value = 64.98 V/m; Power Drift = 0.03 dB

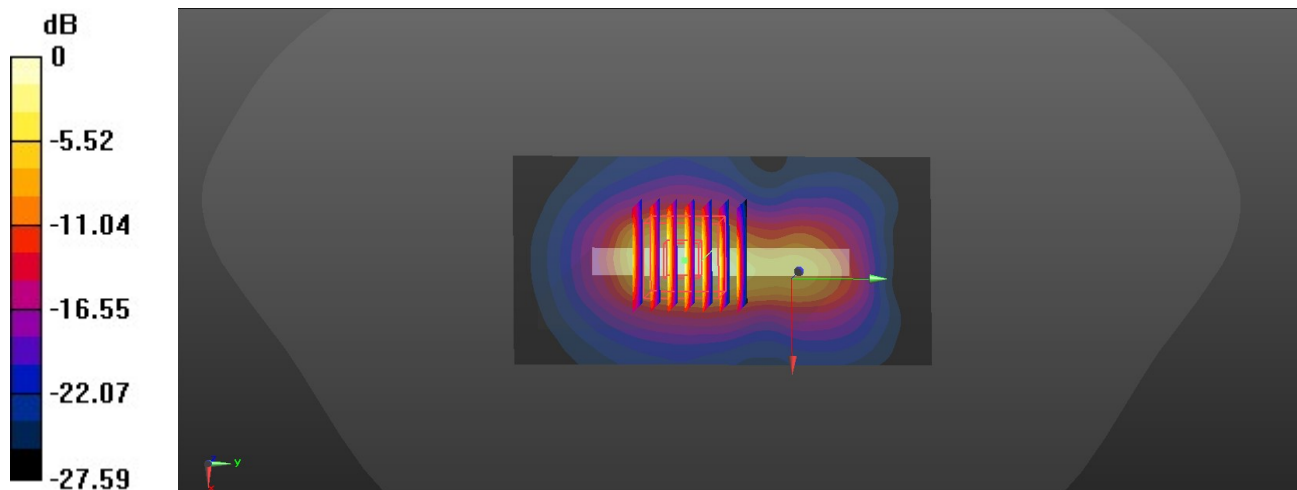
Peak SAR (extrapolated) = 15.9 W/kg

SAR(1 g) = 6.25 W/kg; SAR(10 g) = 1.75 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 33.2%

Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.2 W/kg = 10.49 dBW/kg

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

Date: 2025/3/14

68_LTE Band 41_20M_QPSK_1RB_49Offset_Bottom Side_0mm_Ch39750

Communication System: UID 0, LTE (0); Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600 Medium parameters used: $f = 2506$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 40.284$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.7, 7.61, 7.52); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 10.4 W/kg

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

Reference Value = 55.28 V/m; Power Drift = 0.1 dB

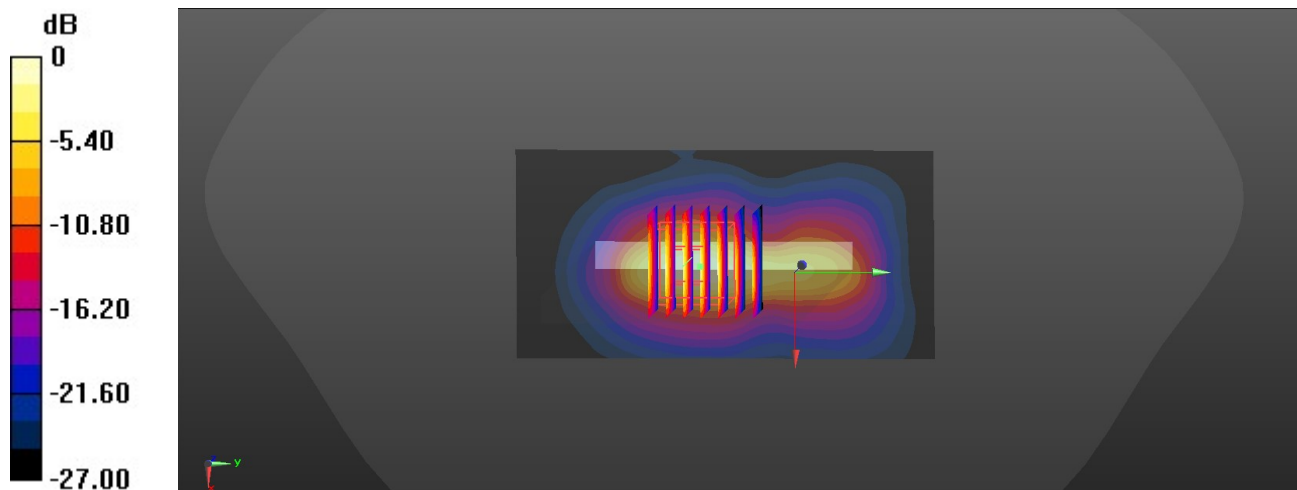
Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 5.09 W/kg; SAR(10 g) = 2.04 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 46.8%

Maximum value of SAR (measured) = 9.07 W/kg



0 dB = 10.4 W/kg = 10.16 dBW/kg

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

Date: 2025/3/14

69_FR1 n7_50M_QPSK_135RB_68Offset_DFT-15_Bottom Side_0mm_Ch507000

Communication System: UID 0, 5G NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.913$ S/m; $\epsilon_r = 40.24$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.7, 7.61, 7.52); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 11.3 W/kg

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

Reference Value = 40.78 V/m; Power Drift = -0.05 dB

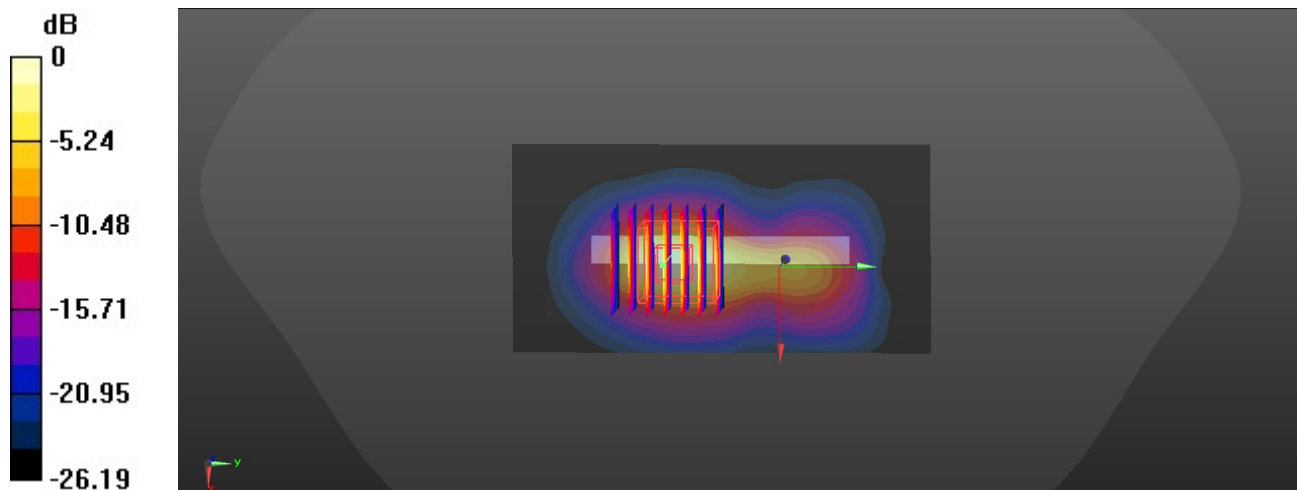
Peak SAR (extrapolated) = 14.5 W/kg

SAR(1 g) = 5.64 W/kg; SAR(10 g) = 2.11 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 39.5%

Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

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

Date: 2025/3/14

70_FR1 n41_100M_QPSK_135RB_69Offset_DFT-30_Bottom Side_0mm_Ch518598

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
 Medium: HSL_2600 Medium parameters used: $f = 2593$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 40.139$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(7.7, 7.61, 7.52); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 12.6 W/kg

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

Reference Value = 48.13 V/m; Power Drift = 0.11 dB

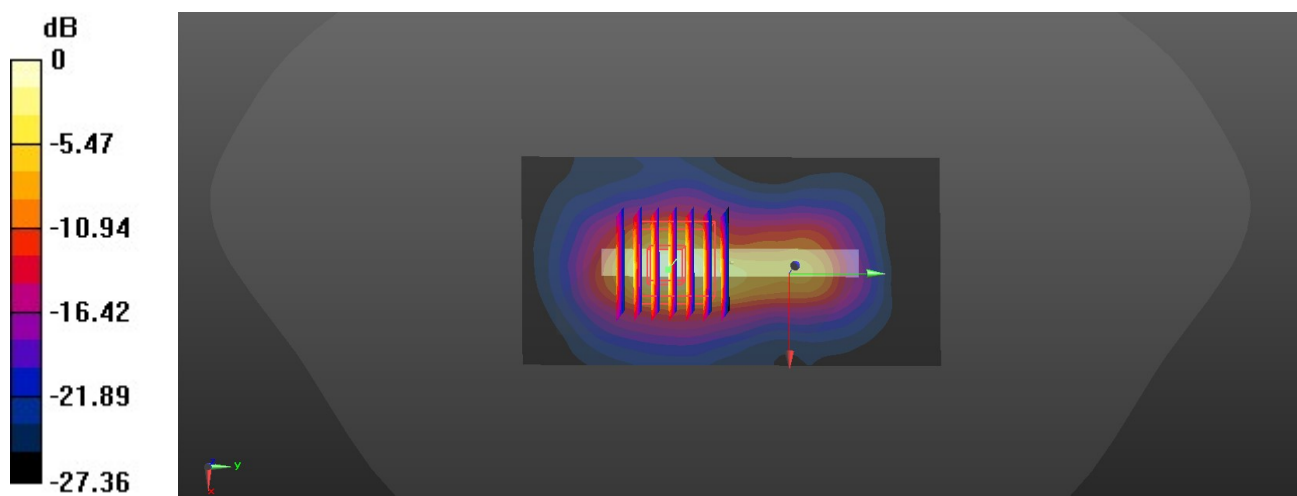
Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 6.19 W/kg; SAR(10 g) = 2.29 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 39.7%

Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.6 W/kg = 11.00 dBW/kg

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

Date: 2025/3/16

71_LTE Band 42_20M_QPSK_1RB_49Offset_Top Side_0mm_Ch42590

Communication System: UID 0, LTE (0); Frequency: 3500 MHz; Duty Cycle: 1:1.59

Medium: HSL_3500 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.901$ S/m; $\epsilon_r = 38.354$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(6.99, 6.9, 6.82); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 42.95 V/m; Power Drift = 0.12 dB

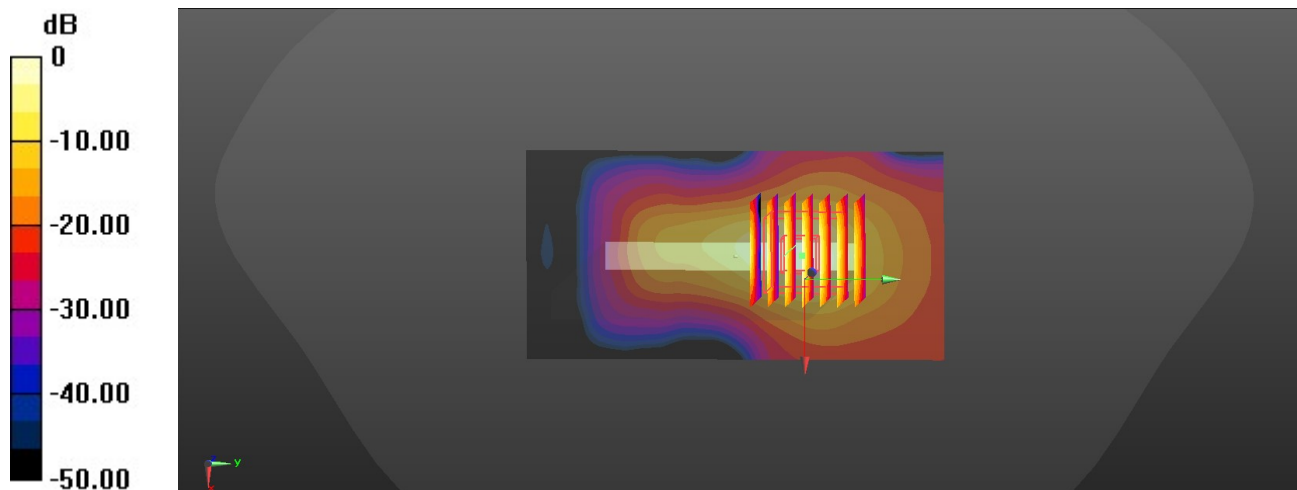
Peak SAR (extrapolated) = 21.1 W/kg

SAR(1 g) = 6.25 W/kg; SAR(10 g) = 1.9 W/kg

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 70.8%

Maximum value of SAR (measured) = 14.1 W/kg



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

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

Date: 2025/3/16

72_FR1 n77_100M_QPSK_135RB_69Offset_DFT-30_Right Side_0mm_Ch656000

Communication System: UID 0, 5G NR (0); Frequency: 3840 MHz; Duty Cycle: 1:1

Medium: HSL_3500 Medium parameters used: $f = 3840$ MHz; $\sigma = 3.122$ S/m; $\epsilon_r = 36.843$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(6.96, 6.88, 6.79); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 18.2 W/kg

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

Reference Value = 11.49 V/m; Power Drift = -0.09 dB

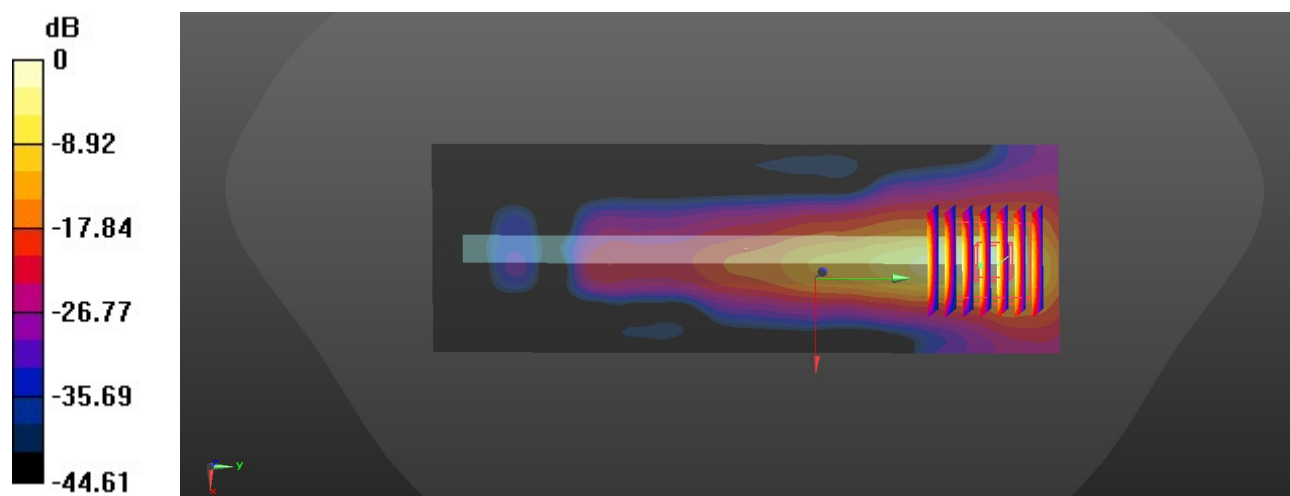
Peak SAR (extrapolated) = 44.5 W/kg

SAR(1 g) = 9.41 W/kg; SAR(10 g) = 2.36 W/kg

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 66.3%

Maximum value of SAR (measured) = 26.7 W/kg



0 dB = 18.2 W/kg = 12.60 dBW/kg

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

Date: 2025/3/11

73_WLAN5GHz_802.11a 6Mbps_Top Side_0mm_Ch36

Communication System: UID 0, WIFI (0); Frequency: 5180 MHz; Duty Cycle: 1:1.036

Medium: HSL_5250 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.44$ S/m; $\epsilon_r = 35.719$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(6.15, 6.08, 6.01); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 31.8 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 37.43 V/m; Power Drift = -0.01 dB

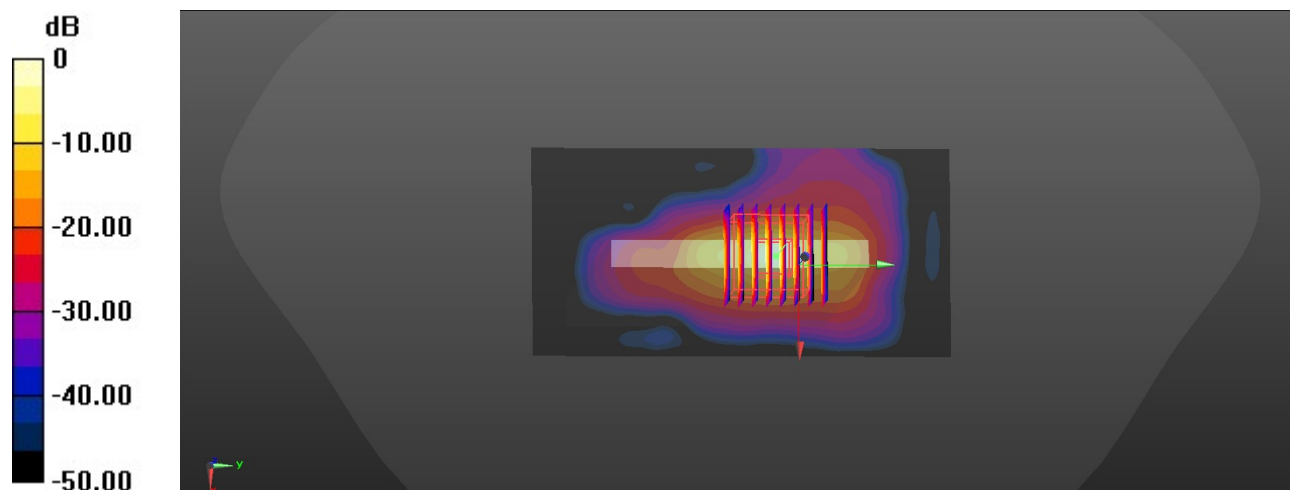
Peak SAR (extrapolated) = 71.7 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 1.78 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 61.4%

Maximum value of SAR (measured) = 29.2 W/kg



0 dB = 31.8 W/kg = 15.02 dBW/kg

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

Date: 2025/3/11

74_WLAN5GHz_802.11a 6Mbps_Top Side_0mm_Ch60

Communication System: UID 0, WIFI (0); Frequency: 5300 MHz; Duty Cycle: 1:1.036

Medium: HSL_5250 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.572$ S/m; $\epsilon_r = 35.504$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(6.15, 6.08, 6.01); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 40.9 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 31.93 V/m; Power Drift = 0.11 dB

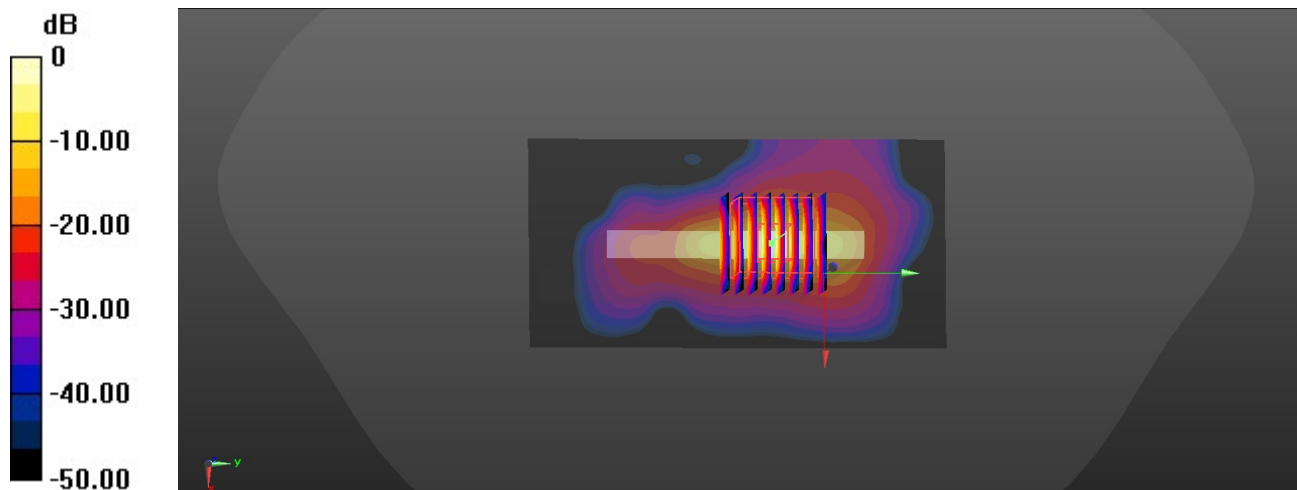
Peak SAR (extrapolated) = 83.8 W/kg

SAR(1 g) = 10.9 W/kg; SAR(10 g) = 1.9 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%

Maximum value of SAR (measured) = 39.0 W/kg



0 dB = 40.9 W/kg = 16.12 dBW/kg

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

Date: 2025/3/13

75_WLAN5GHz_802.11a 6Mbps_Top Side_0mm_Ch100

Communication System: UID 0, WIFI (0); Frequency: 5500 MHz; Duty Cycle: 1:1.036

Medium: HSL_5600 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.777$ S/m; $\epsilon_r = 35.187$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.5, 5.44, 5.37); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 46.5 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.11 V/m; Power Drift = -0.19 dB

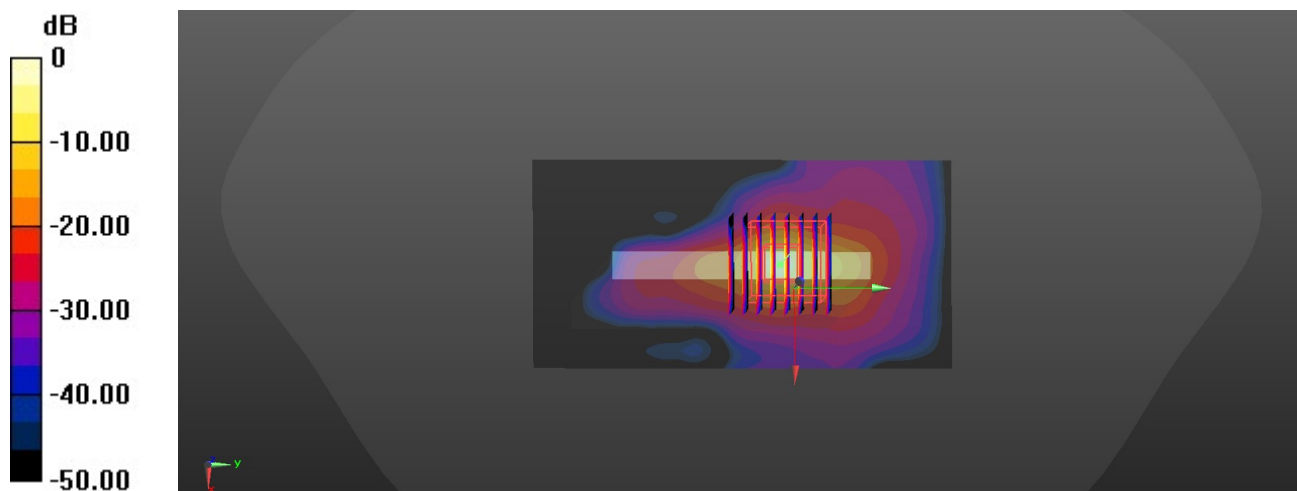
Peak SAR (extrapolated) = 107 W/kg

SAR(1 g) = 12.1 W/kg; SAR(10 g) = 1.84 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

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

Maximum value of SAR (measured) = 41.4 W/kg



0 dB = 46.5 W/kg = 16.67 dBW/kg

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

Date: 2025/3/15

76_WLAN5GHz_802.11a 6Mbps_Top Side_0mm_Ch149

Communication System: UID 0, WIFI (0); Frequency: 5745 MHz; Duty Cycle: 1:1.036

Medium: HSL_5800 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.051$ S/m; $\epsilon_r = 34.756$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.47, 5.41, 5.34); Calibrated: 2024/6/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 48.6 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.644 V/m; Power Drift = -0.02 dB

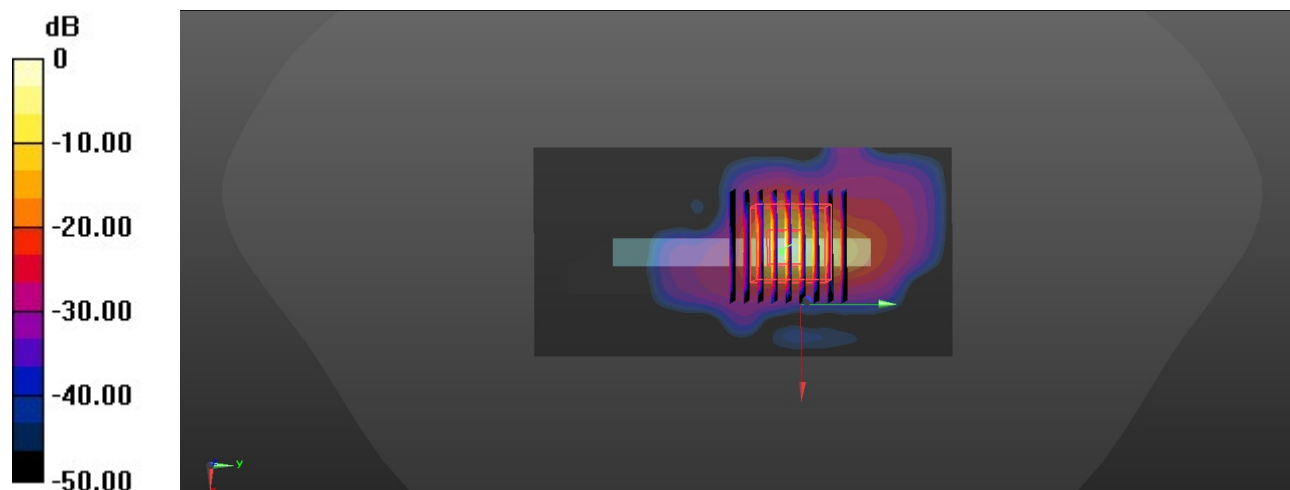
Peak SAR (extrapolated) = 106 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 1.94 W/kg

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 56.4%

Maximum value of SAR (measured) = 51.4 W/kg



0 dB = 48.6 W/kg = 16.87 dBW/kg