

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

Date: 2024/8/9

#30_FR1 n25 Ant 1_20M_BPSK_1_1_Back_10mm_Ch376500

Communication System: UID 10931 - AAC, 5G NR; Frequency: 1882.5 MHz

Medium: HSL_1900_240809 Medium parameters used : $f = 1882.5$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 39.197$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.73, 8.73, 8.73) @ 1882.5 MHz; Calibrated: 2024/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2024/1/22
- 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 (101x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0542 W/kg

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

Reference Value = 3.564 V/m; Power Drift = 0.18 dB

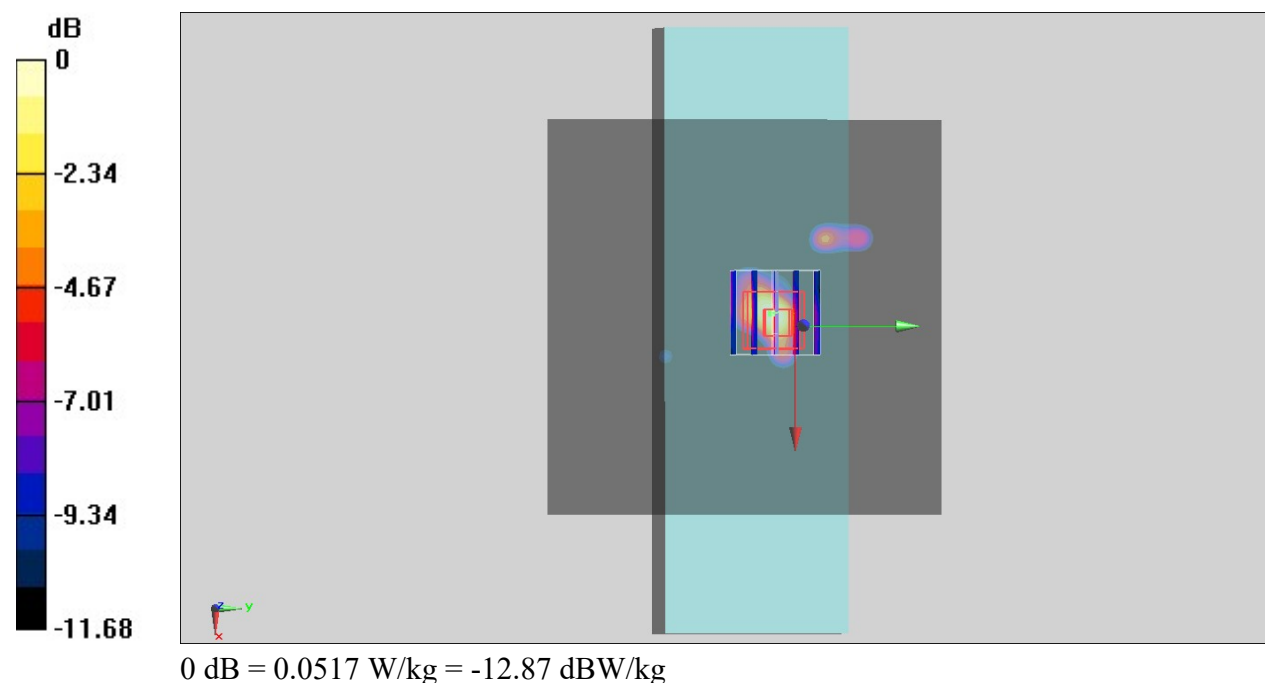
Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.00881 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 46.9%

Maximum value of SAR (measured) = 0.0517 W/kg



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

Date: 2024/8/9

#31_FR1 n66 Ant 1_40M_BPSK_1_1_Back_10mm_Ch349000

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

Medium: HSL_1750_240809 Medium parameters used : $f = 1745$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.691$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.03, 9.03, 9.03) @ 1745 MHz; Calibrated: 2024/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2024/1/22
- 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 (101x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00465 W/kg

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

Reference Value = 1.919 V/m; Power Drift = 0.17 dB

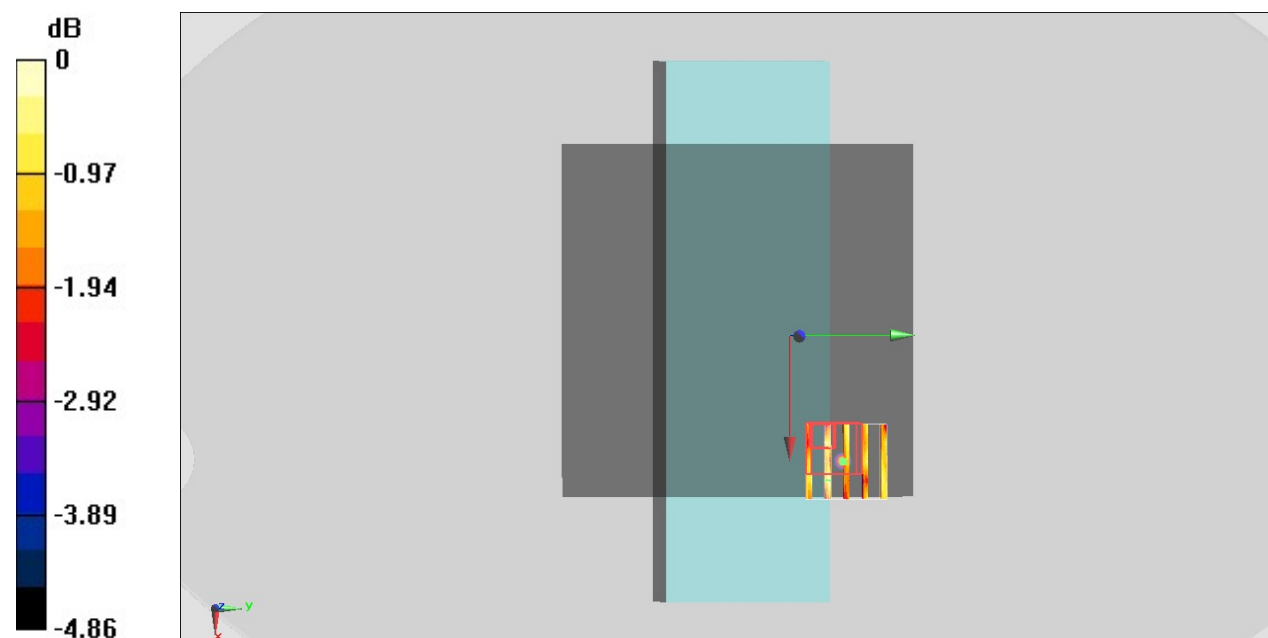
Peak SAR (extrapolated) = 0.00397 W/kg

SAR(1 g) = 0.003 W/kg; SAR(10 g) = 0.001 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 93.8%

Maximum value of SAR (measured) = 0.00522 W/kg



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

Date: 2024/8/12

#32_FR1 n71 Ant 1_20M_BPSK_1_1_Back_10mm_Ch136100

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

Medium: HSL_750_240812 Medium parameters used : $f = 680.5$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.795$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.07, 10.07, 10.07) @ 680.5 MHz; Calibrated: 2024/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2024/1/22
- 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 (101x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0223 W/kg

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

Reference Value = 2.144 V/m; Power Drift = -0.11 dB

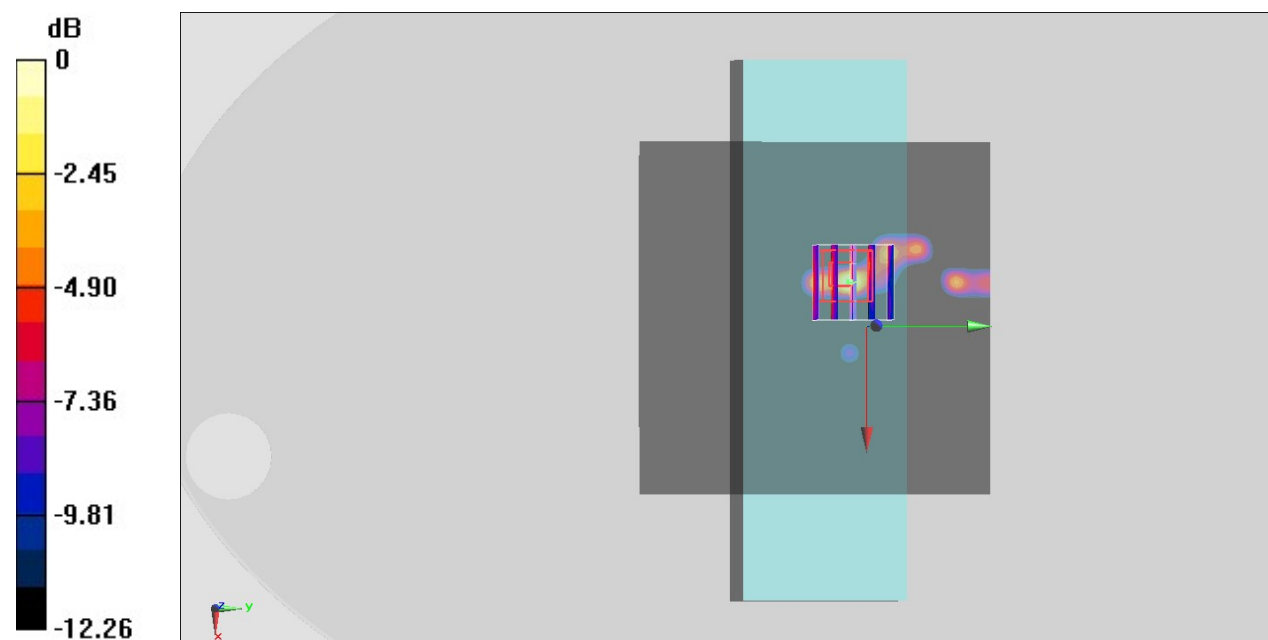
Peak SAR (extrapolated) = 0.0320 W/kg

SAR(1 g) = 0.00795 W/kg; SAR(10 g) = 0.00227 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 44.2%

Maximum value of SAR (measured) = 0.0215 W/kg



0 dB = 0.0215 W/kg = -16.68 dBW/kg

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

Date: 2024/8/12

#33_FR1 n41 Ant 1_100M_BPSK_1_1_Back_10mm_Ch518598

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

Medium: HSL_2600_240812 Medium parameters used : $f = 2592.99$ MHz; $\sigma = 1.98$ S/m; $\epsilon_r = 38.866$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.75, 7.75, 7.75) @ 2592.99 MHz; Calibrated: 2024/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2024/1/22
- 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 (141x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.00533 W/kg

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

Reference Value = 1.564 V/m; Power Drift = 0.11 dB

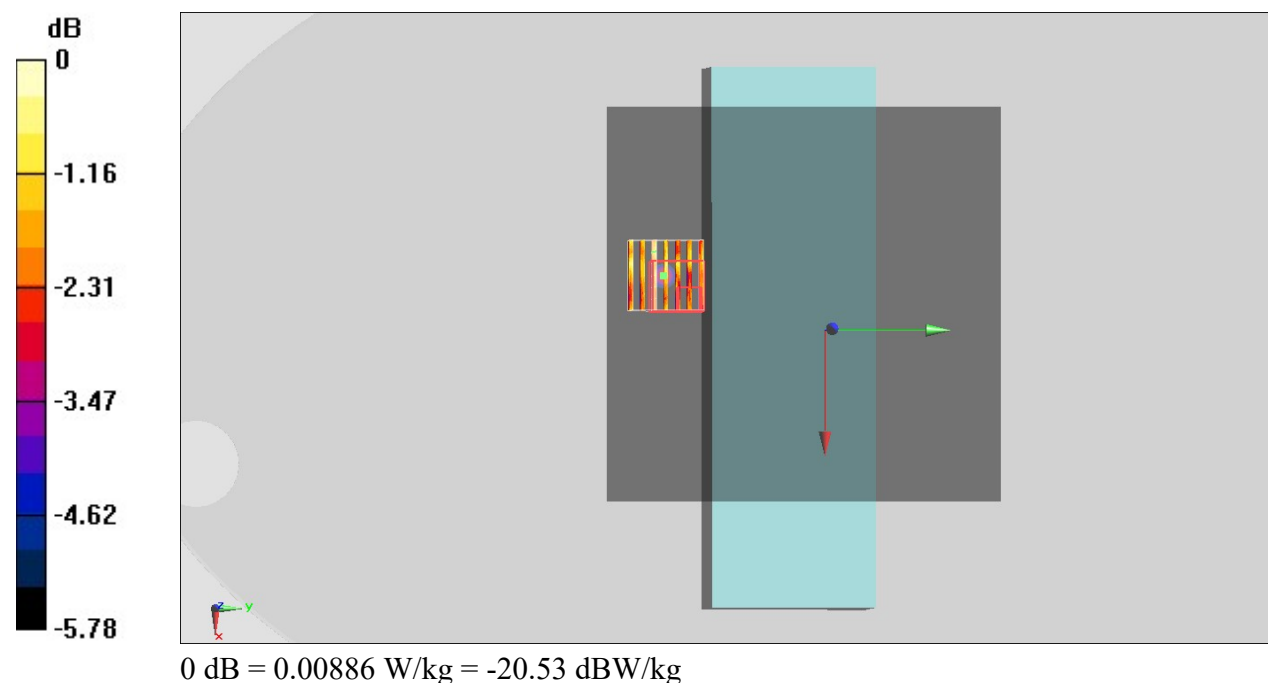
Peak SAR (extrapolated) = 0.00501 W/kg

SAR(1 g) = 0.005 W/kg; SAR(10 g) = 0.002 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 89.8%

Maximum value of SAR (measured) = 0.00886 W/kg



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

Date: 2024/8/13

#34_FR1 n77 Ant 2_100M_BPSK_1_1_Back_10mm_Ch662000

Communication System: UID 10866 - AAF, 5G NR; Frequency: 3930 MHz

Medium: HSL_3900_240813 Medium parameters used : $f = 3930$ MHz; $\sigma = 3.36$ S/m; $\epsilon_r = 37.56$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.76, 6.76, 6.76) @ 3930 MHz; Calibrated: 2024/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2024/1/22
- 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 (141x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0489 W/kg

Zoom Scan 2 (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 2.306 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00264 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

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

Maximum value of SAR (measured) = 0.0684 W/kg

