

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

Date: 2026/3/18

01_LORA_DTS-500K_Left Cheek_0mm_Ch23

Communication System: UID 0, LoRa (0); Frequency: 926 MHz; Duty Cycle: 1:1

Medium: HSL_900_260318 Medium parameters used: $f = 926$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 40.642$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.92, 6, 5.69) @ 926 MHz; Calibrated: 2026/2/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1649; Calibrated: 2025/8/27
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 2.67 W/kg

Zoom Scan (6x6x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.70 V/m; Power Drift = -0.08 dB

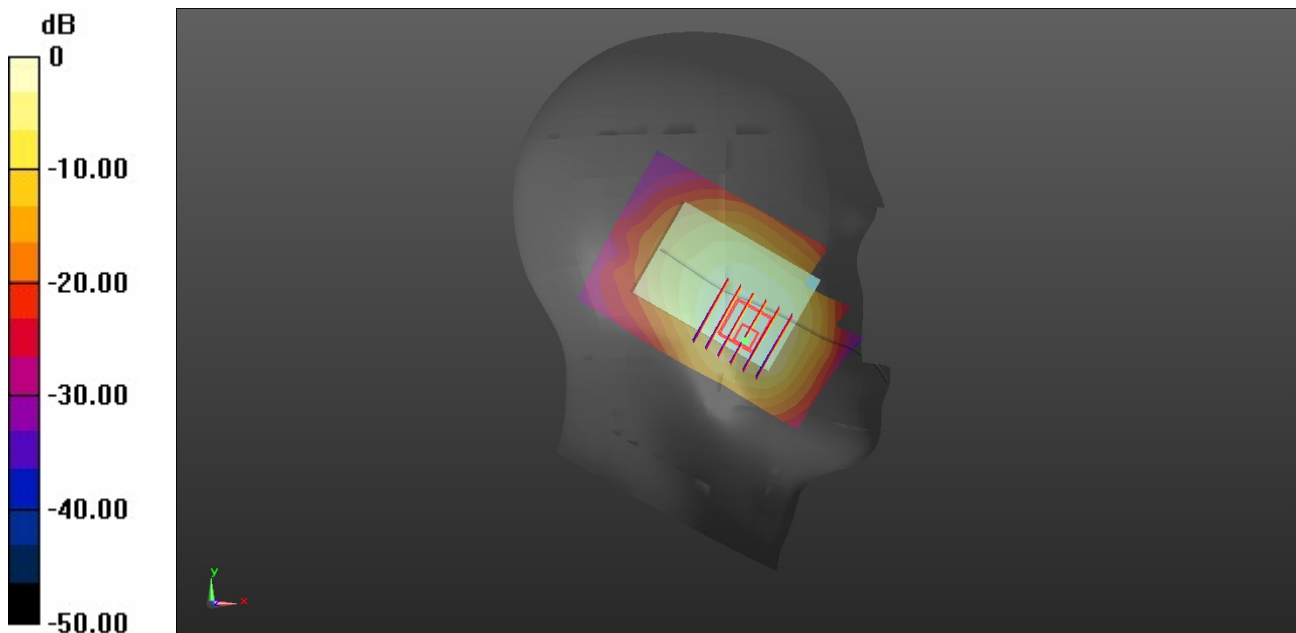
Peak SAR (extrapolated) = 4.95 W/kg

SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.24 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 49.4%

Maximum value of SAR (measured) = 3.03 W/kg



0 dB = 2.67 W/kg = 4.27 dBW/kg

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

Date: 2026/3/18

02_LORA_DTS-500K_Front_25mm_Ch23

Communication System: UID 0, LoRa (0); Frequency: 926 MHz; Duty Cycle: 1:1

Medium: HSL_900_260318 Medium parameters used: $f = 926$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 40.642$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.92, 6, 5.69) @ 926 MHz; Calibrated: 2026/2/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1649; Calibrated: 2025/8/27
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.214 W/kg

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

Reference Value = 13.89 V/m; Power Drift = 0.11 dB

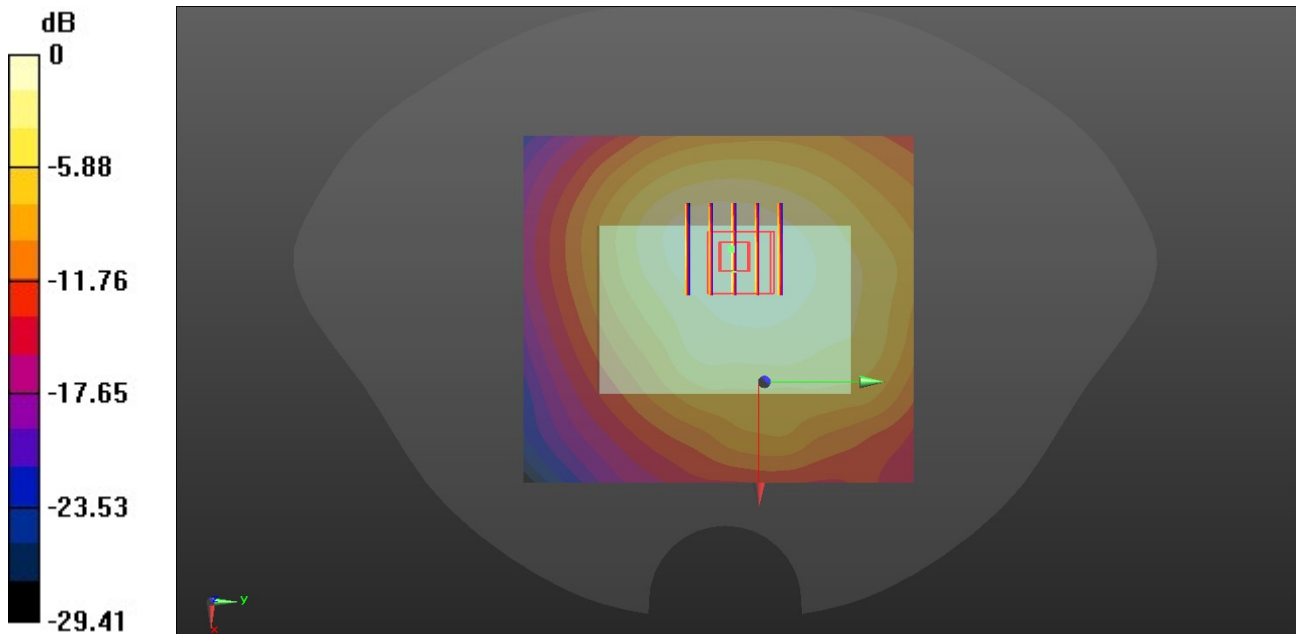
Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.145 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 = 71.4%

Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg

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

Date: 2026/3/18

03_LORA_DTS-500K_Front_5mm_Ch1

Communication System: UID 0, LoRa (0); Frequency: 904 MHz; Duty Cycle: 1:1

Medium: HSL_900_260318 Medium parameters used: $f = 904$ MHz; $\sigma = 0.937$ S/m; $\epsilon_r = 42.161$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.92, 6, 5.69) @ 904 MHz; Calibrated: 2026/2/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1649; Calibrated: 2025/8/27
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.60 W/kg

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

Reference Value = 30.09 V/m; Power Drift = 0.01 dB

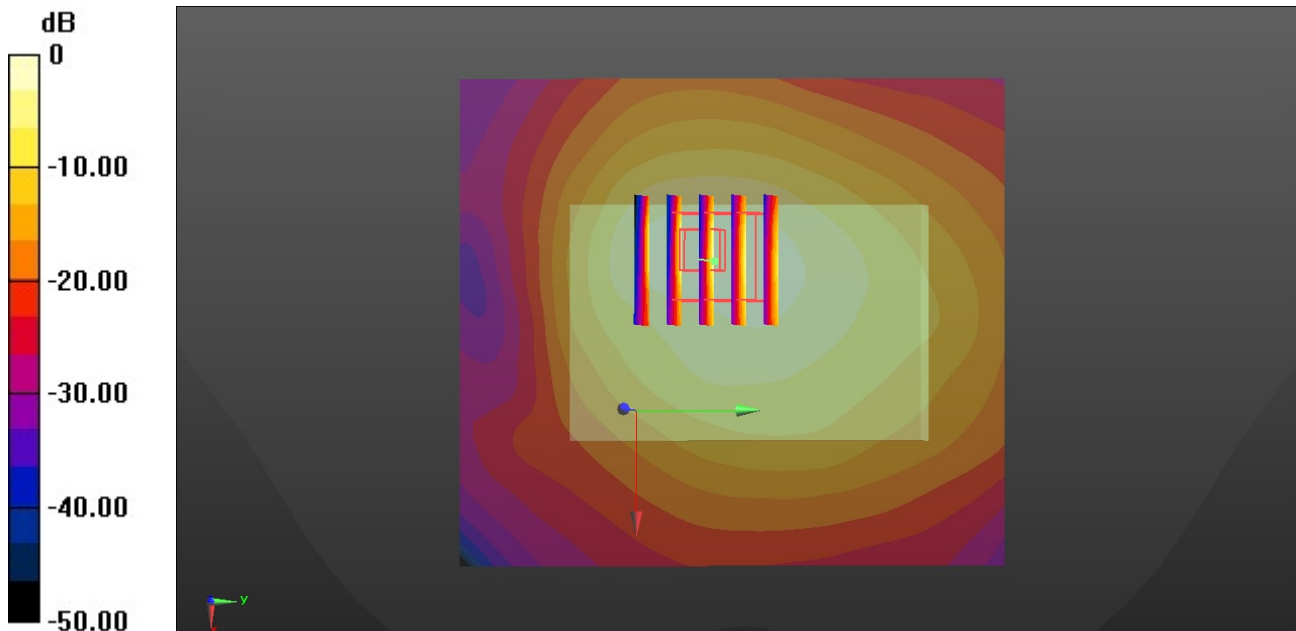
Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 1.47 W/kg; SAR(10 g) = 0.763 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg

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

Date: 2026/3/18

04_LORA_DTS-500K_Front_0mm_Ch23

Communication System: UID 0, LoRa (0); Frequency: 926 MHz; Duty Cycle: 1:1

Medium: HSL_900_260318 Medium parameters used: $f = 926$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 40.642$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3279; ConvF(5.92, 6, 5.69) @ 926 MHz; Calibrated: 2026/2/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1649; Calibrated: 2025/8/27
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.82 W/kg

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

Reference Value = 28.19 V/m; Power Drift = -0.04 dB

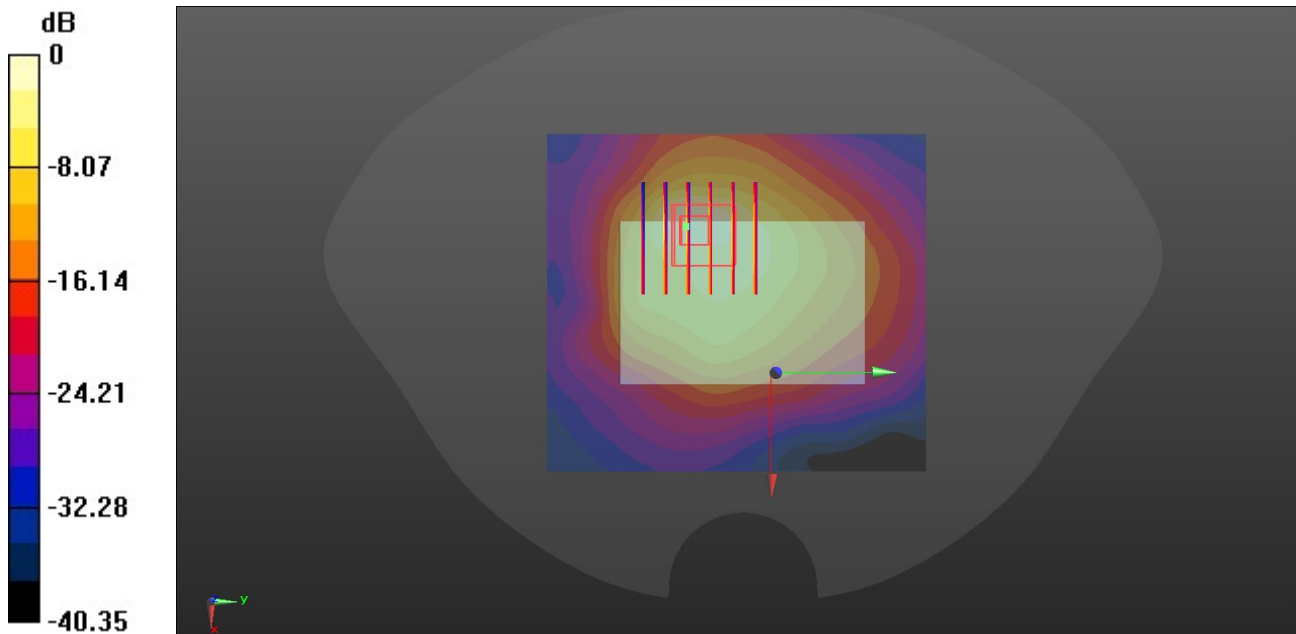
Peak SAR (extrapolated) = 6.21 W/kg

SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.13 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 36.4%

Maximum value of SAR (measured) = 3.58 W/kg



0 dB = 2.82 W/kg = 4.50 dBW/kg