

RF EXPOSURE REPORT

CERTIFICATE OF CONFORMITY

FCC Rule Part: FCC Part 2 (Section 2.1091)

Report No.: MFBHQZ-WTW-P26060674

FCC ID: 2AWHPR261

Product: Starlink Router

Brand: SPACEX, SPACEX, X, STARLINK

Model No.: UTR-261

Received Date: 2026/6/26

Test Date: 2026/8/6

Issued Date: 2026/8/7

Applicant: Space Exploration Technologies Corp. (SPACEX)

Address: 1 Rocket Rd., Hawthorne, CA 90250 USA

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Hsin Chu Laboratory

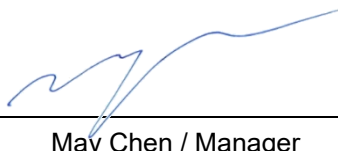
Lab Address: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan

Test Location: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan

FCC Registration / 723255 / TW2022

Designation Number:

Approved by:


May Chen / Manager

Date:

2026/8/7

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Prepared by : Claire Kuan / Specialist



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Release Control Record

Issue No.	Description	Date Issued
MFBHQZ-WTW-P26060674	Original release.	2026/8/7

1 Certificate

Product: Starlink Router

Brand: SPACEX, *SPACE X*, *X*, STARLINK

Test Model: UTR-261

Sample Status: Engineering sample

Applicant: Space Exploration Technologies Corp. (SPACEX)

Test Date: 2026/8/6

FCC Rule Part: FCC Part 2 (Section 2.1091)

Standard: KDB 447498 D01 General RF Exposure Guidance v06

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Applicable RF Exposure Limit

2.1 Limits for Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Average Time (minutes)
Limits For General Population / Uncontrolled Exposure				
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1500	...	...	f/1500	30
1500-100,000	...	...	1.0	30

f = Frequency in MHz ; *Plane-wave equivalent power density

2.2 MPE Calculation Formula

$$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

R = distance between observation point and center of the radiator in cm

2.3 Classification

The antenna of this product, under normal use condition, is at least 21cm away from the body of the user. So, this device is classified as **Mobile Device**.

3 Test Results

Environmental Conditions:	26°C, 62% RH	Tested By:	Stars Liu
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CDD

For Single RF Source

RF Exposure (General Public)								
Operation Mode	Frequency Band (MHz)	Average Power (mW)	Antenna Gain (dBi)	Maximum EIRP (mW)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)	Test Result
WLAN 2.4 GHz	2412-2462	534.579	4.04	1355.227	21	0.2445	1	Pass
WLAN 5 GHz (U-NII-1/3)	5180-5240 5745-5825	827.035	5.91	3224.957	21	0.5819	1	Pass
WLAN 5 GHz (U-NII-4)	5815-5885	582.181	5.9	2264.947	21	0.4087	1	Pass

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

For Multiple RF Sources (Simultaneous Operations)

Multiple RF Sources (Simultaneous Operations)							
RF Exposure (General Public)					Sum of Ratios	Limit of Ratios	Test Result
Operation Mode	Frequency Band (MHz)	Power Density (mW/cm ²)	Limit (mW/cm ²)	Ratio			
WLAN 2.4 GHz	2412-2462	0.2445	1	0.245	0.827	1	Pass
WLAN 5 GHz	5180-5240 5570-5825 5815-5885	0.5819	1	0.582			

Environmental Conditions:	26°C, 62% RH	Tested By:	Stars Liu
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Beamforming

For Single RF Source

RF Exposure (General Public)								
Operation Mode	Frequency Band (MHz)	Average Power (mW)	Antenna Gain (dBi)	Maximum EIRP (mW)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm ²)	Test Result
WLAN 2.4 GHz (Beamforming)	2412-2462	468.849	6.11	1914.401	21	0.3454	1	Pass
WLAN 5 GHz (U-NII-1/3 Beamforming)	5180-5240 5745-5825	846.405	5.73	3166.491	21	0.5714	1	Pass
WLAN 5 GHz (U-NII-4 Beamforming)	5815-5885	582.181	5.9	2264.947	21	0.4087	1	Pass

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

For Multiple RF Sources (Simultaneous Operations)

Multiple RF Sources (Simultaneous Operations)							
RF Exposure (General Public)					Sum of Ratios	Limit of Ratios	Test Result
Operation Mode	Frequency Band (MHz)	Power Density (mW/cm ²)	Limit (mW/cm ²)	Ratio			
WLAN 2.4 GHz (Beamforming)	2412-2462	0.3454	1	0.345	0.916	1	Pass
WLAN 5 GHz (Beamforming)	5180-5240 5570-5825 5815-5885	0.5714	1	0.571			

4 Conclusion

Source-base time average power is below Exemption Criteria and/or Routine Evaluation MPE thresholds, therefore the device is compliant FCC RF exposure requirement.

5 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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