



FCC RADIO TEST REPORT

FCC ID : N7NEM86T
Equipment : Radio Module
Brand Name : Sierra Wireless
Model Name : EM8695
Marketing Name : EM8695
Applicant : Sierra Wireless, ULC
13811 Wireless Way, Richmond, BC V6V 3A4
Canada
Manufacturer : Sierra Wireless, ULC
13811 Wireless Way, Richmond, BC V6V 3A4
Canada
Standard : FCC 47 CFR Part 25

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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History of this test report

Report No.	Version	Description	Issue Date
FG633005	01	Initial issue of report	Apr. 14, 2026

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng**Report Producer: Ming Chen**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specifications LTE/5G NR / NR RedCap

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, Part 22H, Part 24E, Part 27, and Part 90R
- ♦ FCC KDB 273109 D02 Part 25 SCS and SMRS-Bands v01r01

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Supplemental Coverage from Space (SCS)

Under section § 25.109 (f) of the FCC rules Space and SCS earth stations providing SCS are subject to technical rules in parts 2, 22, 24 and 27 of this chapter based on the operating frequency band. Section § 25.204 (g) specifies that earth stations providing SCS pursuant to §§ 25.125 and 25.115 shall comply with the power requirements and out-of-band emission limits corresponding to device's operating in parts 22, 24, or 27 of this chapter (e.g., §§ 22.913, 24.232, 27.50), as required for their operating frequencies.

The table below identifies the SCS frequencies available for use and, for each band, the applicable FCC Part 22, 24, 27, and 90R technical requirements, the air interfaces supported by the device for SCS use and, in the final column, the reference to the test report containing the relevant test data showing compliance with the technical requirements.

The bands available for SCS and the bands supported by the device in the scope of this report are:

Band	Frequency (MHz)		Rule Part	3GPP Band	Supported	Reference test report showing compliance with 25.204(g)
	DL	UL				
600MHz	614-652	663-698	27	B71/NR n71 /NR RedCap n71	Yes	FG422321-02A FG422321-02B
700MHz	729-746	699-716	27	B12/ NR n12 / NR RedCap n12	Yes	
	746-756	777-787	27	B13	Yes	
	758-769	788-799	90R	B14/ NR n14	Yes	
	805-806				No	
800MHz	869-894	824-849	22H	B5/ B26/ NR n5/ NR n26/NR RedCap n5	Yes	FG422321-02A FG422321-02B
Broadband PCS	1930-1995	1850-1915	24E	B2/B25/ NR n2/NR n25/ NR RedCap n2/ NR RedCap n25	Yes	

————THE END————