

April 21, 2025

Element Materials Technology Washington DC LLC
Certification Body Division
71856 Oakland Mills Road
Columbia, MD 21046

ATTESTATION

Extended Frequency Range Attestation – XL-85M VHF (FCC ID: OWDTR-0176-E)

In accordance with FCC guidance, including KDB 634817D01, KDB 594280, and 47 CFR §2.927(b), we hereby provide this attestation regarding the operational frequency bands supported by the above-referenced equipment and the applicable FCC rule parts under which the device is to be certified.

Rule Part Coverage and Controls

We attest to the following:

- The device is for use in Public Safety Part 90, Federal Users are intended, and the frequency bands are as follows: **136-174 MHz.**
- The equipment is restricted, through firmware and hardware controls, to operate only within the frequency bands authorized under the applicable FCC rule parts listed in this attestation. The equipment programming is the responsibility of Authorized Service Personnel. The operator cannot directly program the transmit frequencies using normally accessible external controls.
- L3Harris Technologies, Inc. acknowledges that operation on unauthorized frequencies is a violation of FCC rules. L3Harris also acknowledges the inclusion of Grant note code “EF”, defined in FCC KDB 634817D01 and used when a certified device includes frequency ranges that extend into bands not authorized for use in the U.S. but may be supported in the hardware or firmware for international or specialized use.
- All Federal-only frequency bands are permanently disabled in firmware and inaccessible to all users or third parties, **except federal government users.**
- The device will only be marketed, sold, or distributed in configurations compliant with the certified frequency authorizations under FCC rules.
- Frequency access is secure, tamper-resistant, and not user-modifiable, ensuring full compliance with 47 CFR §2.927(b).
- No configuration supports or enables Part 95 (GMRS/MURS/FRS) operations.

Federal Frequency Access Disclaimer

The device hardware supports frequency bands allocated exclusively for Federal use under the United States Table of Frequency Allocations (47 CFR §2.106).

Under the jurisdiction of the NTIA and in accordance with its applicable spectrum certification and frequency assignment process, authorized Federal entities (e.g., DoD, DHS, FAA, NASA) may enable and operate within other federally restricted frequency ranges.

Any such operation by Federal users is governed by NTIA rules and procedures as outlined in the NTIA “Manual of Regulations and Procedures for Federal Radio Frequency Management” and is entirely outside the scope of FCC certification.

Frequency-to-Rule Part Mapping

The following table summarizes the supported frequency ranges and their applicable FCC rule parts and identifies frequencies that are allocated for Federal-only use.

Frequency(MHz)	Part 90	Part 80	Part 74	Part 22	Federal
136.0000 – 137.0000					Fed use
137.0000 - 144.0000					Fed use
144.0000 - 148.0000					
148.0000 - 150.8000					Fed use
150.8000 – 152.8550	90.20(c)(3)			22.531	
152.8550 - 154.0000	90.20(c)(3)		90.35 (IB Pool)		
154.0000 - 156.2475	90.20(c)(3)	80.371			
156.2475 – 156.7625		80.371(c)			
156.7625 – 156.8375		80.371(c)			USCG Cord./Must be Marine certified
156.8375 – 157.0375		80.371(c)			
157.0375 - 157.1875		80.371(c)			Some Fed use
157.1875 - 157.4500	90.20(c)(3)	80.371(c)			
157.4500 - 161.5750	90.20(c)(3)	80.371	74.602	22.561– 22.567	
161.5750 - 161.6250		80.383	74.602	22.531, 22.561– 22.567	
161.6250 - 161.7750			74.602	22.561– 22.567	
161.7750 - 161.9625	90.20(c)(3)	80.371(c)			
161.9625 -161.9875		80.371(c)			Some Fed use
161.9875 - 162.0125		80.371(c)			
162.0125 – 162.0375		80.371(c)			Some Fed use
162.0375 - 173.2000	90.20(c)(3),90.35		74.602		XLMR/Shared Fed
173.2000 - 173.4000	90.20(c)(3)				



173.4000 - 174.0000					Fed only
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Statement of Compliance

This device supports operation only on frequencies allocated and licensable under the rule parts listed above. Inclusion of adjacent frequency ranges in FCC Form 731 is in strict accordance with KDB 634817 and does not reflect any functionality available for U.S. use unless specifically authorized. In full compliance with 47 CFR §2.927(b), this device will only be marketed, distributed, or operated in the United States with configurations corresponding to the certified and tested frequency ranges.

Thomas D Camper, Jr.
Regulatory Manager