

Purpose of Operation for FCC License Application – TPX-61

The Sentinel AN/MPQ-64 F1 Radar operates the AN/TPX-61 interrogator in Modes 1, 2, 3/A, C, and 5 for the purpose of target identification and maintaining target identification throughout the track duration. The primary purpose of obtaining an FCC license for the AN/TPX-61 interrogator is to facilitate intermittent, short-duration checkouts of the AN/TPX-61 interrogator during operational testing with the Radar at various locations.

The coordination process with the FAA concerning this equipment has been successfully finalized and approved. The relevant coordination documents will be provided and appended to this application. The designated location for this licensing application is Yuma, AZ.

- File Number: 0311-EX-CN-2024
- Confirmation Number: EL842024
- Class of Station: FX
- Station Locations: FIXED
- Effective: 02/25/2024
- Expiration: 02/24/2026

2. Experimental Explanation

As detailed in paragraph 1 above, Raytheon seeks this Experimental License in order to allow testing and technical demonstrations of the TPX-61.

3. Stop Buzzer

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