

02.07.2026

FHSS - Additional declarations according to 47 CFR 15.247(a)(1) and RSS-247 (6.2.1)

1. Identification of device

FCC ID:	YQ7-TN-UHF-Q150
IC certification number:	8821A-TNUHFQ150
HVIN:	2.0

2. Frequency range

The frequency range of this device is 902.750 MHz to 927.250 MHz as declared by the applicant.

3. Example of hopping sequence

Example of 50 channel hopping sequence (channel 1 to 50):

31, 20, 49, 4, 33, 16, 39, 7, 38, 22, 46, 8, 35, 17, 40, 1, 28, 14, 42, 11, 34, 18, 41, 10, 29, 19, 43, 5, 36, 24, 50, 9, 37, 15, 44, 2, 32, 23, 45, 6, 26, 13, 47, 12, 27, 21, 48, 3, 30, 25.

4. Equally average use of frequencies in data mode

All 50 channels are evenly used as declared by the applicant.

5. Receiver input bandwidth

The maximum IF bandwidth of the receiver is 2.36 MHz centered at 0 Hz IF frequency (direct conversion) followed by analog and digital filtering in the receiver. The bandwidth of the filter depends on the tag data rate on the air interface and software settings. This information is declared by the applicant.