



October 17, 2013

FREQUENCY JUSTIFICATION LETTER

Federal Communications Commission

Re: FCC ID: **XMHQP-990-U1**  
Applicant: **Quantun Electronics, LLC**

Subject: justification letter for expanded frequency range 406.1 – 470 MHz

To meet the requirements of Federal Communications Commission (FCC) publication, KDB634817(Frequency Range Listings for Certification Grants), Quantun Electronics, LLC submits the following attestation.

This Handheld Portable Transmitter has:

1. The design capability to operate in the frequency band 406.1-470MHz.
2. Complies with 47CFR Part90.201(e) in that the equipment operator cannot directly program transmit frequencies using the normally accessible external controls.

Programming this equipment is the responsibility of Quantun Electronics, LLC approved Service Agents.

Frequency band 406 to 406.1MHz is reserved for use by distress beacons. Transmissions should not be made within this frequency band.

In addition to the following rule parts applied for:

FCC PART 90

The device may be utilized in systems operated by Federal and Public Safety agencies, as indicated in the table beneath.

The Grant Note “EF” should be appended to the Grant of Authorization, indicating this operation is required.

Frequency Range(MHz)	Part 90
406.1-410	F
410-420	F
420-450	F/NF
450-454	F/NF
454-455*	

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455-456*	
456-460	F/NF
460-462.5375	F
462.5375-462.7375	
462.7375-467.5375	F
467.5375-467.7375	
467.7375-470	F

Remark: NF=Non Federal, F=Federal

\*: Canada

Sincerely,



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