

Quanzhou RadioBoss Technology Co., Ltd

No.8, Chuangzao Road, Optoelectronics-information industry base, Nan'an, Quanzhou, Fujian

Date: 2026-09-10

FEDERAL COMMUNICATIONS COMMISSIONS

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

Subject: Extended Frequencies Justification for Certification of Transmitter

FCC ID: 2BLTR-UV780

Dear Sir/Madam,

This transmitter was designed to operate in following frequency ranges:136-174&400-480MHz.

To aid equipment authorization in other countries which accept the United States FCC Grant for Certification,

Rugged Radios is requesting that the FCC lists the frequencies 136-174&400-480 under FCC Rule Parts 90 on the FCC Grant.

Rugged Radios attests that the DMR Digital Transceiver, will not be marketed to USA users with the frequency band which is not allowed by the rule part 90. Per the FCC's KDB634817 guidance, as an alternative to listing the exact frequencies, we acknowledge that it's a violation of the FCC Rules if this device operates on unauthorized frequencies.

Frequency Range	FCC Rule Part	Frequency Range	FCC Rule Part
136-150.8	For Federal	400-406MHz	For Federal
150.8-152.855	FCC Part 90	406.1-450MHz	FCC Part 90
152.855-154	FCC Part 90	450-454MHz	FCC Part 90
154-156.2475	FCC Part 90	456-460MHz	FCC Part 90
157.1875-157.45	FCC Part 90	460-462.5375MHz	FCC Part 90
157.45-161.575	FCC Part 90	462.7375-467.5375MHz	FCC Part 90
161.755-161.9625	FCC Part 90	467.7375-470MHz	FCC Part 90
162.0375-173.2	FCC Part 90	470-512MHz	FCC Part 90
173.2-173.4	FCC Part 90	-	-
173.4-174	For Federal	-	-

Also, equipment programming is the responsibility of Authorized Service Personnel, the DMR Digital Transceiver is complies with 47 CFR Part 90.203(e), in that the operator cannot directly program the transmit frequencies using the normally accessible external controls.

Please contact me if you require any additional information.

Sincerely Yours,

Signature:



Applicant Signature

Printed Name: Sophia Wong

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No.8, Chuangzao Road, Optoelectronics-information industry base, Nan'an, Quanzhou, Fujian

Title: Manager