

Extended Frequencies Justification

Date: 2025-08-19

FEDERAL COMMUNICATIONS COMMISSION
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Dear Sir/Madam,

The [Digital Repeater](#), LMR with FCC ID: [2AE6C-ER9100U1](#) was designed to operate in the frequency bands 400MHz~406MHz, 406.1MHz~470MHz.

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

[Shenzhen Excera Technology Co., Ltd.](#) is requesting that the FCC lists the frequencies 400MHz~406MHz, 406.1MHz~470MHz, under FCC Rules Parts 90 on the FCC Grant.

[Shenzhen Excera Technology Co., Ltd.](#) attests that the radio 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 (MHz)	FCC Rule Part
400-406	For Federal
406.1-420	90
420-421	90
421-430	90
430-450	90
450-470	90
470-470	For Federal

Sincerely,

Signature:

Typed or Printed Name: [Jubin Zhang](#)

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