

Archimedes Innovation Technology Co., Ltd.

Add: Room 604, Building 37, No. 333, Qinjiang Road, Xuhui District, Shanghai, China

Authorization & Evaluation Division
Federal Communications Commission Laboratory
7435 Oakland Mills Road
Columbia, MD 21046

Date: 2025/12/22

Subject: Extended Frequencies Justification for Certification of Transmitter with FCC ID:
2BQV3-AL16

Product name: Geodetic GNSS Receiver

Model no.: AL16

Dear Sir/Madam,

To aid equipment authorization in other countries which accept the United States FCC Grant for Certification, **Archimedes Innovation Technology Co., Ltd.** is requesting that the FCC lists the above applicable frequencies range under FCC Rule Parts 90 on the FCC Grant.

For the FCC's Rule Parts 90 applications, this radio is used in systems by Federal and Public Safety agencies including Police, Fire, and Emergency Medical Services, etc. as indicated in the table below. Equipment programming is the responsibility of Authorized Service Personnel.

Also, the radio complies with 47 CFR Part 90.203(e), in that the operator cannot directly program the transmit frequencies using the normally accessible external controls.

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)	Part 90	Federal	Other Regions
400-406		X	
406.1-450	X		
450-454	X		
454-456			
456-460	X		
460-462.5375	X		
462.5375-462.7375*		X	X
462.7375-467.5375	X		
467.5375-467.7375			
467.7375-470	X		

*Canada

Please contact me if you required any additional information.

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Sincerely,

Rui Ma

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