

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: Attestation statement regarding the Digital Mobile Radio spectrum efficiency with,
FCC ID: 2BQV3-AL16

Product name: Geodetic GNSS Receiver

Model no.: AL16

Dear Sir/Madam,

We, Archimedes Innovation Technology Co., Ltd. declare that the 4-ary Frequency-Shift Keying (4FSK) technology provides two paths in a 12.5 kHz channel bandwidth, thus meeting the one voice path per 6.25 kHz of spectrum requirement. This radio also provides data rate of 9600 bps in a 12.5 kHz channel, thus meeting the minimum data rate of 4800 bps in a 6.25 kHz channel.

Please contact me if you required any additional information.

Sincerely,

Rui Ma

Name/Title : Rui Ma/CEO
Company: Archimedes Innovation Technology Co., Ltd.
Address: Room 604, Building 37, No. 333, Qinjiang Road, Xuhui District,
Shanghai, China
Phone: 86-18321811957
Fax: /
E-Mail: mark_ma@archi-inn.com