

Shanghai eSurvey GNSS Co., Ltd.

Subject: Extend Frequencies Justification Original Application FCC ID: **2A34K-ERTK20**


Company: Shanghai eSurvey GNSS Co., Ltd.

Address: Lianhang Rd, Pujiang Town, Minhang District, Shanghai, China

Dear Sir or Madam;

We, **Shanghai eSurvey GNSS Co., Ltd.** declares that the Digital radio meets 47CFR Section 90.203(j)(4) and 90.203(j)(5) spectrum efficiency requirement;
This Digital radio is support 12.5 KHz and 25 KHz for GMSK digital modulation;
Emission Designator: F1D for data modes, also this Digital radio designed in accordance with ETSI TS 102 361-1 requirement, will at least 9600 bits per second in a 12.5 KHz channel spacing and 19200 bits per second in a 25 KHz channel spacing, GMSK will refer 2 time slots in one 12.5 KHz spacing and refer 4 time slots in one 25 KHz spacing accordance to ETSI ETS 102 361-1.

We, **Shanghai eSurvey GNSS Co., Ltd.** declares that the Digital radio capable of operating on the nationwide public safety interoperability calling channel (453.2125 MHz), meets 47CFR Section 90.203(j)(1) requirement;

Signature:  **Date:** 2025-04-27

Name: Reinhard Lyu

Title: Purchase Supervisor

Company: Shanghai eSurvey GNSS Co., Ltd.