

**SHENZHEN SAMHOO SCI&TECH CO., LTD.**

Room 401, Building 2, Huaqiangyun Industrial Park, Meixiu Rd., Meilin, Futian District  
Shenzhen, 518049, China

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Date: June 23<sup>th</sup>, 2016

Office of Engineering and Technology  
Laboratory Division  
Equipment Authorization Branch  
Federal Communications Commission Laboratory  
7435 Oakland Mills Road  
Columbia, MD 21046

Subject: Narrowband Requirement for **FCC ID: 2ABUBSPM6015**.

Dear Sir or Madam;

This Digital Two Way Radio was designed to operate in the frequency bands 136-174MHz;  
We, **SHENZHEN SAMHOO SCI&TECH CO.,LTD.** will disable 25KHz mode by radio at firmware at factory and end-user cannot use 25KHz mode in order to compliance with FCC mandate for Part 90 frequencies;

We, **SHENZHEN SAMHOO SCI&TECH CO.,LTD.** declares that the Digital Two-Way Radio meets 47CFR Section 90.203(j)(4) and 90.203(j)(5) spectrum efficiency requirement;

This Digital Two-Way Radio is support both 12.5 KHz for FM (analog modulation; Emission Designator:11K0F3E for voice) and 4FSK (digital modulation; Emission Designator: 7K60FXD for data/7K60FXW for both data and voice) modes, also this Digital Two Way Radio designed in accordance with ETSI TS 102 361-1 requirement, will at least support 9600 bits per second in a 12.5 KHz channel bandwidth, 4FSK will refer 2 time slots in one 12.5 KHz bandwidth accordance to ETSI ETS 102 361-1, which equal with  $9600/2=4800$  bits per second in one 6.25 KHz channel bandwidth;

We, SHENZHEN SAMHOO SCI&TECH CO.,LTD. declares that the Digital Two Way Radio capable of operating on the nationwide public safety interoperability calling channel (151.1375 MHz), meets 47CFR Section 90.203(j)(1) requirement;

Sincerely,



(Signed)

Name/Title: Lin Yuan / Director of Certification

Company: SHENZHEN SAMHOO SCI&TECH CO.,LTD.

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