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Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Rd.
Columbia, MD 21046

Reference FCC ID: 2ABVK373372
Organization: goTenna, Inc.

STATEMENT CONCERNING COMPLIANCE WITH SECTION 90.203(J)(5)

Introduction

Section 90.203 (j)(5) of the Commission's Rules on transmitters provides, in pertinent part: "If the equipment [150.8-162, 173.2-173.4, and 421-512 MHz bands] is capable of transmitting data and has an overall bandwidth of more than 6.25 kHz, the equipment must be capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of channel bandwidth."

Justification

The model 37337-X2 (goTenna PRO X2) radio transceiver submitted is used as a part of a mesh network communication system. The 37337-X2 transmitter can be configured into a mode sending data with a 4GFSK modulation at a rate of 4800 bps. The 37337-X2 is capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of bandwidth.

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