

January 25, 2019

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

Reference FCC ID: LLB2017020

Organization: Aclara Technologies, LLC.

77 West Port Plaza Dr., Ste. 500
St. Louis, MO 63146

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

Introduction

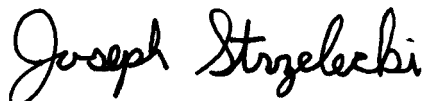
Section 90.203 (j)(5) of the Commission's Rules on transmitters provides, in pertinent part: If the equipment [421-512 MHz bands] is capable of transmitting data and has an overall bandwidth of 6.25 kHz or more, the equipment must be capable of supporting a minimum data rate of 4800 bits per second per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

Justification

The model 2017-020 radio transceiver submitted is used as a part of a utility meter reading system. The 2017-020 transmitter sends data with a 2GFSK modulation at a rate of 7232 bps. The emissions designator is 9K66F1D.

As the 2017-020 does transmit at 7232 bps with a bandwidth of 7.4 kHz (or 977 bps/kHz), it is capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of bandwidth.

Authorized Signature



Joseph Strzelecki
Senior EMC Engineer
Radiometrics Midwest Corporation
Authorized Agent for Aclara Technologies, LLC.