

March 12, 2024
Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Rd.
Columbia, MD 21046

Reference FCC ID: LLB2021006

Organization: Aclara Technologies, LLC.

77 Westport Plaza Drive, Suite 500
Saint Louis, MO 63146

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

Introduction

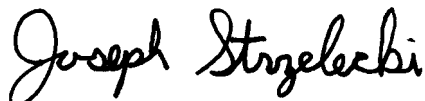
Section 90.203 (j)(5) of the Commission's Rules on transmitters provides, in pertinent part: If the equipment [421-512 MHz bands] is capable of transmitting data and has an overall bandwidth of 6.25 kHz or more, the equipment must be capable of supporting a minimum data rate of 4800 bits per second per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

Justification:

The model Y84110-221 radio transceiver submitted is used as a part of a utility meter reading system. The Y84110-221 transmitter sends data with a 4GFSK modulation at a rate of 9600 bps. The emissions designator is **8K34F1D**.

As the Y84110-221 transmits at 10,000 bits per second with a bandwidth of 7.2 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
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Radiometrics Midwest Corporation
Authorized Agent for Aclara Technologies, LLC.