



May 23, 2025
Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Rd.
Columbia, MD 21046

Reference FCC ID: LLBY845802

Organization: Aclara Technologies, LLC.

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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 Y84580-2, radio submitted is used as a part of a utility meter reading system. The transmitters send data with a 4GFSK modulation at a rate of 9600 bps in the 450-470 MHz band. The emissions designator is 8K25F1D.

As the Y84580-2 transmits at 10,000 bps with a bandwidth of 8.25 kHz, it is capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of bandwidth.

Authorized Signature

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