



May 20, 2024
Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Rd.
Columbia, MD 21046

Reference FCC ID: LLB9985T491

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 601-1000-E3F1FECL1 radio transceiver submitted is used as a part of a utility meter reading system. The transmitters send data with a 4GFSK modulation at a rate of 10,000 bps in the 460 MHz band. The emissions designator is 7K11F7D.

As the 601-1000-E3F1FECL1 transmits at 10,000 bps with a bandwidth of 7.1 kHz, they are 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.