

October 28, 2022
Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Rd.
Columbia, MD 21046

Reference FCC ID: LLBY84092-1
Organization: Aclara Technologies, LLC.

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

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

Introduction

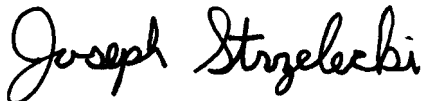
Section 90.203 (j)(5) of the Commission's Rules on transmitters provides, in pertinent part: If the equipment [421-512 MHz bands] is capable of transmitting data and has an overall bandwidth of 6.25 kHz or more, the equipment must be capable of supporting a minimum data rate of 4800 bits per second per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

Justification

The models Y84580-2 and Y84092-1 radio transceiver submitted is used as a part of a utility meter reading system. The Y84580-2 and Y84092-1 transmitters send data with a 4GFSK modulation at a rate of 9600 bps. The emissions designator is 8K34F1D.

As the Y84580-2 and Y84092-1 do transmit at 9600 bps with a bandwidth of 8.3 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.