

18th November 2019

Federal Communications Commission
Authorization and Evaluation Division
1435 Oakland Mills Road
Columbia, MD 21046

Re: FCC ID: O9P-E2-455C1

To Whom It May Concern

ELPRO Technologies herein submits an application for Certification of the subject transmitter. ELPRO Technologies acknowledges that it is a violation of the FCC rules if this device operates on unauthorized frequencies.

This transmitter is intended for use in a Fixed Radio environment with capabilities for clear and coded communications with a variable transmit power operating within the following frequency range:

148.0MHz – 174.0 MHz: 10mW to 10W (Nominal, 1dB Steps adjustable)

<i>Frequency Range</i>	<i>To</i>
150.8 MHz	152.855 MHz
152.855 MHz	154.0 MHz
154.0 MHz	156.2475 MHz
157.1875 MHz	157.45 MHz
157.45 MHz	161.575 MHz
161.775 MHz	161.9625 MHz
162.0375 MHz	173.2 MHz
173.2 MHz	173.4 MHz

Statement of Compliance to Part 90.203(e) and (d)

The transmitter complies with Section 90.203(e) and (g) of the Rules in that this transmitter is not capable of being programmed by station operators using the external controls to transmit on channels other than those programmed by the manufacturer, service or maintenance personnel.

Certification of Spectrum Efficiency to Part 902.203(j)(5)

We, ELPRO Technologies, certify that the transmitter meets the requirements of Section 90.203(j)(5) with the following supported data rates and channel bandwidths.

<i>Bandwidth</i>	<i>Supported Data Rate</i>	<i>Data rate per 6.25kHz Channel Bandwidth</i>
6.25 kHz	4800 bits per second	4800 bits per second per 6.25kHz of channel bandwidth
12.5 kHz	9600 bits per second	4800 bits per second per 6.25kHz of channel bandwidth
25 kHz	19200 bits per second	4800 bits per second per 6.25kHz of channel bandwidth

Yours sincerely,



John White
General Manager
ELPRO Technologies Pty. Ltd.