

Prepared (also subject responsible if other) EDAVPAM		No. TA8AKRC1614412 / 287AB-AS1614412		
Approved	Checked	Date 2024-11-04	Rev A	Reference Radio 4472HP

Nemko Canada Inc.  
303 River Road  
Ottawa, Ontario, Canada  
K1V 1H2

Federal Communications Commission  
Authorization & Evaluation Division  
7435 Oakland Mills Road  
Columbia, Maryland 21046-1609

04 November 2024

FCC ID: TA8AKRC1614412

IC: 287AB-AS1614412

HVIN: AS1614412

Product: KRC 161 4412/31

FCC Reference: CFR 47 Part 2, Part 27

### **Subject: Tune Up Procedure**

Director of Certification,

Radio 4472HP B12A has a stabilizing clock solution which provides and distributes clock signals with high stability and signal integrity. The output power and output frequency of the radio is detected and measured at its output connector using a Transmitter Observation Receiver (TOR) circuit. The TOR circuit is calibrated at the factory for correct measurement of output power (gain, frequency, and temperature). The TOR received signal is used to control the radio's output power and set this to the operator's selected power. The radio's output power is controlled to product specifications via digital step attenuators to provide real-time control compensating for temperature and aging effects. This guarantees the transmitter, up to maximum nominal power, will operate with correct output power (within defined tolerances) or the transmitter will automatically be turned off.

The product does not contain transmission components that are user-tunable. As a result, there is no need for end users to perform any tune-up procedures for operation.

### **DAVE PAMPARARO**

Radio Approval Engineer

**Ericsson Canada Inc.**

349 Terry Fox Drive

Ottawa, On, K2K 2V6, Canada

Mobile: +1.613.415.5839

Email: dave.pampararo@ericsson.com