



**Telematics-Wireless Proprietary**

**FCC ID:NTA2WREP2**

**IC: 4732A-2WREP2**

**ALLEGRO REPEATER**

**PA Tune up Procedure**

## **1. Power Amplifier-power consumption**

Power Amplifier (PA) is powered by 3.6V DC using an internal AC-DC power supply (115VAC to 15VDC) and DC-DC power supply (15VDC to 3.6VDC).

DC current @35dBm output power is 2A.

## **2. Power amplifier tune up procedure.**

The RF Transceiver Tx port transmit a RF signal to the PA input port. The PA RF output power is controlled by tuning the RF signal power level.

The tuning is done by software. The PA output power is determine according to site installation –Antenna gain and cables loss. The procedure shall be performed only by

Professional personnel responsible for Repeater operation.

