

# **ON REAL LIMITED**

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## **Alignment Procedure**

### **CXT135**

#### **1. TX Alignment**

- 2) TX Freq. Align: ~ Press PTT at CH1 and read Frequency with Frequency counter  
~ Align 462.5625MHz  $\pm$  50Hz with C33
- 3) TX Mod. Align: ~ Set CH1 100mV 1KHz Mic Input  
~ Press PTT and align max modulation < 2.5KHz
- 4) Check TX Power Output: ~ Set CH1 Power High  
~ Press PTT and read TX Power output - < 1W  
~ Change to CH 8 for Power Low and read the TX Power output - < 0.5W

#### **2. RX**

Set unit : CH1 3.6 DC supply 8 Ohm Load

- 1) RX Audio Distortion: ~ Set CH1, SSG 1mV, Audio level 5 (about 650mV)  
~ Read Distortion - <20%
- 2) RX Sensitivity: ~ Reduce SSG level -> -118dBm