

ON REAL LIMITED

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Alignment Procedure

Model: CXT400

1. VCO and TX

Set unit: CH1 8.4 V DC supply 50 Ohm Dummy

- 1) TX Freq. Align:** ~ Press PTT at CH1 and read Frequency with Frequency counter
~ Align 462.5625MHz \pm 50Hz with VC85 10pF trimmer
- 2) TX Mod. Align:** ~ Set CH1 100mV 1KHz Mic Input
~ Press PTT and align max modulation \pm 2.0 \pm 0.1 KHz with VR1
100K Ohm Semi
- 3) CTCSS/DCS Align:** ~ Set CH1 DCS 01
~ Press PTT and read CTCSS modulation level
~ Change CTCSS 38 and read modulation level
~ Change DCS 01 and read modulation level
~ Change DCS 83 and read modulation level
- 4) Check TX Power Output:** ~ Set CH1 Power High
~ Press PTT and read TX Power output
~ Press Li/Low button to Power Low/Med and read TX Power output

2. RX

Set unit : CH1 8.4V DC supply 16 Ohm Load

- 1) RX Sensitivity:** ~ Reduce SSG level
- 2) Squelch Align:** ~ Set to 10dB Sinad with SSG level align
~ Align squelch with VR2 47K Semi