

# TE205RF Alignment procedure

First programming frequency to “460.000MHz”.

## a.VCO SECTION

### 1. VCO voltage.

- I. Let transmitter in TEST mode.
- II. Check “VCO” point adjust C20 for 1.5V +/- 0.05V

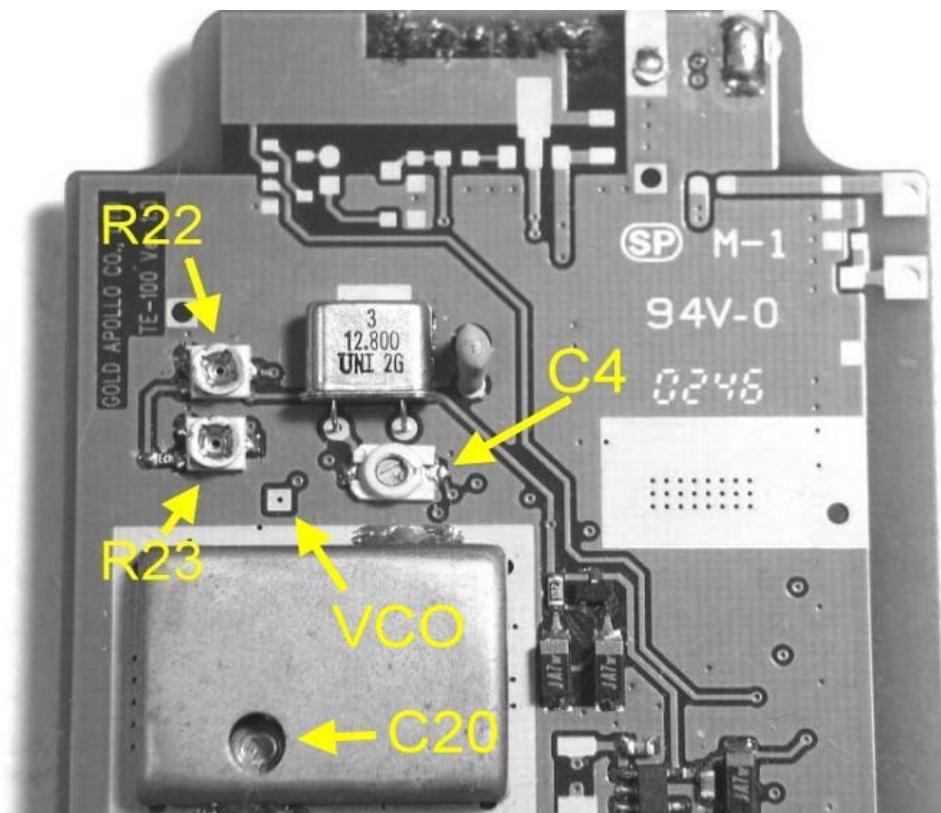
## b.FREQUENCY SYNTHESIZER & MODULATOR

### 2. TX frequency

- I. Let transmitter in TEST mode.
- II. Adjust C4 for TX CF=460.000MHz +/- 200Hz.

### 3. TX FM deviation

- I. Let transmitter in TEST mode.
- II. Adjust R22 for TX FM deviation 2.0kHz.
- III. Adjust R23 to make modulation waveform like square wave.



NOTE: This is a paging system transmitter with only one unique frequency setup by the manufacturer, user cannot program at all.

Transmitter frequency can be programmed using computer software which is password protected. It is meant to be used by manufacturer.