

## SK35/65 Adjusting Procedures

1. Test Frequency : 548-572MHz, 606-608MHz, 614-638MHz

2. VCO voltage adjustment :

Sync key(SW103) set frequency at the lowest frequency.

Adjust C220 to set LPF voltage . In the test point(LPF) of the nominal value voltage  $1.5V \pm 0.5V$

Sync key(SW103) set Frequency at the highest frequency.

checking the LPF voltage . In the test point(LPF) of the voltage is less than 3.5V

3. RF output checking :

Connect RF output(TP4) to spectrum .

Checking the RF output level = +8dBm ~ +11dBm , the harmonic < -47dBm .

4. Transmission frequency adjustment :

Connect RF output to a frequency counter .

Then rotate the C149 so that the transmission frequency can be adjusted with in  $\pm 2\text{KHz}$  for the nominal value at no modulation .

5. AF adjustment :

Set ATT SW(SW3) to -30dB position .

Set Audio Analyzer AF out -9dBV/1KHz then input from J88

Adjust the R149 to set AF Output level , For EM10 BAL out =1.5V~1.65V

6. Tone adjustment

Connect RF output(TP4) to spectrum .

Adjust R146 to set the TONE level =-29.5dBc~ -31dBc reference to fo

So the tone deviation range is about 2KHz

