

TUNE-UP PROCEDURE

Test frequency

CH1 -> 603.3MHz

CH2 -> 607.5MHz

(1)Transmission frequency adjustment

Connect RF output to a frequency counter ,then rotate the VC2 so that the transmission frequency can be adjusted with in $\pm 1\text{kHz}$ for the nominal value at no modulation.

(2)RF output adjustment

a) Connect the RF power meter to the pot ANT (RF impedance50 ohm)

b) Switch on the transmitter

c) Check the Tx Power.

d) Specification: 9dBm+/-1dBm

(3)Maximum deviation adjustment

Connect RF output to a modulation analyzer ,then adjust the MVR1 & MVR2 so that frequency deviation except tone signal becomes in the range of $\pm 70\pm 0.2\text{kHz}$ when modulation signal below is input from Mic input (LPF:20kHz,P-P/2)