

THE STEPS ABOUT ADJUSTING TX

- (1) NEEDED INSTRUMENTS:
 - 1.SPECTRUM ANALYZER
 - 2.FULL-CHANNEL ANTENNA
 - 3.AUDIO ANALYZER
 - 4.MODULATION METER
- (2) PUT 9V BATTERY INTO THE BATTERY CHAMBER AS SHOWN POLARITY,AND ADJUST TESTER.
- (3) TURN THE POWER ON,AND THE LED D102 SHOULD FLASH.
- (4) THE SETTING OF SPECTRUM ANALYZER:
THE CENTER FREQUENCY SHOULD BE SET AT 500MHz,
SPAN SHOULD BE SET AT 1 GHz.
REF LEVEL SHOULD BE SET AT 10dBm, AND INSTALL
THE FULL-CHANNEL ANTENNA.
- (5) THE ADJUSTMENT OF TX LEVEL:
ADJUST CH102,CH103,CH104,AND VC101,VC102,VC103 TO
MAKE THE TX LEVEL OVER -4dBm.
- (6) THE ADJUSTMENT OF SECOND HARMONIC :
ADJUST CH102,CH103,CH104,AND VC101,VC102,VC103 TO
MAKE THE DIFFERENCE BETWEEN SECOND AND MAIN
FREQUENCY IS OVER 35 dB.
- (7) THE ADJUSTMENT OF CENTER FREQUENCY:
SET THE CENTER FREQUENCY EQUAL TO TX FREQUENCY,
AND SET SPAN EQUAL TO 100 KHz .
ADJUST CH101 TO MAKE ITS TRANSMITTING FREQUENCY BE
IN THE CENTER OF SPECTRUM ANALYZER.
- (8) THE SETTING OF MODULATION METER:
THE MODE OF MODULATION METER SHOULD BE SET AT
“FM”, RANGES SHOULD BE SET AT “100”, AF FILTERS SHOULD
BE SET AT “3.5KHz”.
- (9) THE SETTING OF AUDIO ANALYZER:
SET THE FREQUENCY OF AUDIO ANALYZER EQUAL TO 1KHz,
AND LEVEL EQUAL TO -32dB (ABOUT 50 mV).
THEN DIRECT INPUT TO CAPSULE CONNECTION.