Power requirement:3.0V±0.1V

Used Channels and Frequencies on adjustment

Channel	Freq
CH01	566.250MHz
CH47	578.250MHz
CH92	589.750MHz

1. Adjustment of VCO
   1) Set frequency CH01
   2) Connect DC voltmeter to TP6
   3) Confirm DC meter indicates 1.2V
   4) Set the frequency to CH92 and confirm the voltage is 2.4V or less on DC voltmeter

2. Transmitting power adjustment
   1) Set SW202 to CN203 side and connect Spectrum analyzer to CN203
   2) Adjust both cores of T200 so that level defference between CH01 and CH92 become to be the least.(Within 0.5dBm)
   3) Connect power meter to CN203 and set the frequency to CH47
   4) Adjust VR202 so that power meter indicates 20mW
   5) Confirm the spurious to be “40dB or more” lower than the carrier frequency

3. Adjustment of transmitting frequency
   1) Set to CH47
   2) Connect the frequency counter to CN203
   3) Adjust VC1 so that the frequency counter shows 578.250MHz ± 1kHz

4. Adjustment of AF modulation
   1) Connect oscillator output to CN1
   2) Set the oscillator output power -66dBm(Frequency should be set to 1kHz)
   3) Connect AC voltmeter to TP1(Filter:OFF)
   4) Adjust VR101 so that AC voltage meter indicates -31dBm
   5) Connect FM Linear Detector to CN203 (LPF 20k ON)
   6) Adjust VR201 so that the modulation depth to be 5.0kHz ± 0.5kHz

5. Adjustment of Tone modulation
   1) Connect TP3 to GND
   2) Connect FM Linear Detector to CN203 (LPF 120k ON)
   3) Adjust VR2 so that modulation depth to become within 3.2kHz ± 0.2kHz
   4) Connect the frequency counter to TP5
   5) Confirm tone frequency is 32.768kHz
   6) If the AF modulation degree changes through above 5-3) adjustment,again conduct the above clause 4-6)
   7) After that,turn SW202 to antenna side

6. Other confirming points
   1) Set up receiver for communication check
   2) Send the audio for checking whether it operates correctly
   3) Make an impact on the body and check whether the unit does not show any abnormal sound
   4) Check the unit frequency range from 566.250 to 589.750MHz in 250kHz step
   5) Factory default condition - Power : off, Channel : 01