

N-4Q 27MHz Adjustment Procedure

1. Please confirm that the power meter, Minimum 100MHz Oscilloscope, Minimum 500MHz Spectrum Analyzer and 8 cells 5th battery are prepared.
2. Install the batteries into battery box of the transmitter. Install the antenna into the transmitter.
3. Turn on the transmitter's power.
4. The MCU output a series PWM signal to the RF module.
5. Adjustment the T1 and T8 IF transformers (from minimum to maximum). The RF Module will output different frequency value by this adjustment.
6. The PWM signal in the RF module through the local oscillator, the driver, the power amplifier, the band pass filter , the antenna, and then carry out.
7. Adjustment the T1 and T8 IF transformers. It will change the radio frequency from 26.995MHz to 27.255MHz.
8. Repeat above step several times. There are 12 channel which is adjusted.