

Tune Up Procedure

Model: KG-UV6D

Adjustment Description

The radio can be adjusted by PC programming software or by keypad adjustment.

Adjustment procedure as follows.

Test Instrument:

Radio Communication Test Set	1 set
Spectrum Analyzer	1 set
DC Power Supply	1 set
Digital Voltmeter	1 set

Adjustment:

1. The PC programming software can download from wouxun website or ask for your wouxun dealer, install in your PC connect the radio with PC by programming cable; Select the right correspond port by edit software; Turn the radio on.
2. Reading the administer code into the frequency mode
3. Switch the transceiver to the frequency mode
4. Selecting 4W or 1W rated transmit power

Transmitter – Maximum Output Power

Item	Condition	Test Frequency Band	Test Instrument	Max. Output Power
High Power	DC 7.4V	136.025-173.975MHz /406.125-511.975MHz	Spectrum Analyzer	36 ± 0.5 dBm
Low Power	DC 7.4V	136.025-173.975MHz /406.125-511.975MHz	Spectrum Analyzer	30 ± 0.5 dBm

Receiver - Sensitivity

Item	Condition	Test Frequency Band	Test Instrument	SINAD
Sensitivity	DC 7.4V	136.025-173.975MHz /406.125-511.975MHz	Radio Communication Test Set	≥ 22 dBc

VCO

Item	Condition	Test Frequency Band	Test Instrument	VCO
Transmitter VCO	DC 7.4V	136.025-173.975MHz /406.125-511.975MHz	Digital Voltmeter	DC 0.6-3.3V
Receiver VCO	DC 7.4V	136.025-173.975MHz /406.125-511.975MHz	Digital Voltmeter	DC 0.6-4.3V