

TK-6110 Tuning procedure

Before attempting to tune the transceiver, connect the unit to a suitable power supply. Whenever the transmitter is tuned, the unit must be connected to a suitable dummy load, unless the instructions specify otherwise. The speaker output connector must be terminated with a 4 Ohm dummy load at any time during the tuning and connected to an AC voltmeter and an audio distortion meter or a SINAD measurement at all the time during the tuning.

Power switch on when connect to PC and FPU(KPG-46) cable with Radio.
Select to "Program" from PC display then select "Test Mode" then ENTER.
"Tuning Mode" when Select to F10.

1 Transmitter section

1.1 Frequency

- a. When Select "Frequency" then Enter.
- b. Select to Numbers for Frequency then Enter.

1.2 RF Power

- a. When Select "RF Power (Test)" then Enter.
- b. To Select Lower frequency, Center frequency, or Higher frequency, press Tab key.
- c. Select to Numbers for the RF Power then Enter.

1.3 Max Deviation

- a. When Select "Max, Deviation" then Enter.
- b. Select to Numbers for the Max, Deviation then Enter.

1.4 QT Deviation

- a. When Select "QT Deviation" then Enter.
- b. Select to Numbers for the QT Deviation then Enter.

1.5 DQT Deviation

- a. When Select "DQT Deviation" then Enter.
- b. Select to Numbers for the DQT Deviation then Enter.

1.6 DTMF Deviation

- a. When Select "DTMF Deviation" then Enter.
- b. Select to Numbers for the DTMF Deviation then Enter.

1.7 MSK Deviation

- a. When Select "MSK Deviation" then Enter.
- b. Select to Numbers for the MSK Deviation then Enter.

2 Receiver section

2.1 RX Sensitivity

- a. When Select "Sensitivity (Test)" then Enter.
- b. To Select Lower frequency, Center frequency, or Higher frequency, press Tab key.
- c. Select to Numbers for the Sensitivity then Enter.

2.2 Squelch Tight.

- a. When Select "Squelch Tight (Test)" then Enter.
- b. To Select Lower frequency, Center frequency, or Higher frequency, press Tab key.
- c. Select to Numbers for the Squelch Tight then Enter.

2.3 Squelch Open

- a. When Select "Squelch Open (Test)" then Enter.
- b. To Select Lower frequency, Center frequency, or Higher frequency, press Tab key.
- c. Select to Numbers for the Squelch Open then Enter.

2.4 Select "Alt" when "Tuning mode" done.