

Model :UBZ-AR14

Alignment procedure:

- 1) TX VCO tuning
  - a) Set the unit to CH1
  - b) Press PTT key to set the unit in TX mode
  - c) Monitor the voltage of TP1
  - d) Adjust VC2
- 2) TX Frequency
  - a) Set the unit to CH1
  - b) Press PTT key to set the unit in TX mode
  - c) Adjust VC1 until frequency counter reading is 462.5625MHz
- 3) TX MIC sensitivity
  - a) Set the unit to CH1
  - b) Press PTT key to set the unit in TX mode
  - c) Adjust VR2 to set the frequency deviation.
- 4) TX Power

There is no variable component to adjust the transmitting power. The effective radiated power is designed to be lower than the specified maximum transmitter power limit. It is set to 0.25W effective radiated power in the unit.