

# T35 Alignment Procedure

2014. 12. 05.

## 1. VCO Alignment ; Fixed.

## 2. Transmitter Frequency Alignment

- 1) Set the unit at channel 1.(462.5625MHz) Press the PTT button so the unit will be in transmit mode.
- 2) Adjust CT1 trimmer until Fc +/- 200Hz.

## 3. Transmitter Output Power at conducted condition.

- 1) Set the power supply at 3.6Vdc. Set the unit at ch 1.(462.5625MHz)
- 2) Press the PTT button so the unit will be in transmit mode.
- 3) TX power check the 26dBm +/- 1dBm.

## 4. Maximum Audio Deviation

- 1) TP(ALG) is short to GND.
- 2) Go to Max. deviation alignment mode by press and holding the **Call button** then turn on the radio.
- 3) LCD become on display such as belows. Press the Up or Down button to align if necessary each step.

|  | Display | Default value |
|--|---------|---------------|
|--|---------|---------------|

|                                    |    |    |                              |
|------------------------------------|----|----|------------------------------|
| ① GMRS Maximum Deviation Alignment | td | 0b | Test frequency ; 462.5625MHz |
|------------------------------------|----|----|------------------------------|

## 5. Receiver Squelch Alignment

- 1) TP(ALG) is short to GND.
- 2) Go to RX squelch alignment mode by press and holding the **Down button** then turn on the radio.
- 3) LCD become on display such as belows. Press the Up or Down button to align if necessary each step.

|  | Display | Default value |
|--|---------|---------------|
|--|---------|---------------|

|                          |    |    |                              |
|--------------------------|----|----|------------------------------|
| ① GMRS Squelch Alignment | gr | 09 | Test frequency ; 462.7125MHz |
|--------------------------|----|----|------------------------------|

## 6. Charging Stop Voltage Alignment ; Fixed 4.30V

7. Memory clear by press and holding the **Up button** then turn on the radio.

8. If TP(ALG) is short to GND, Alignment mode is enable. If TP(ALG) is open to GND, Alignment mode is