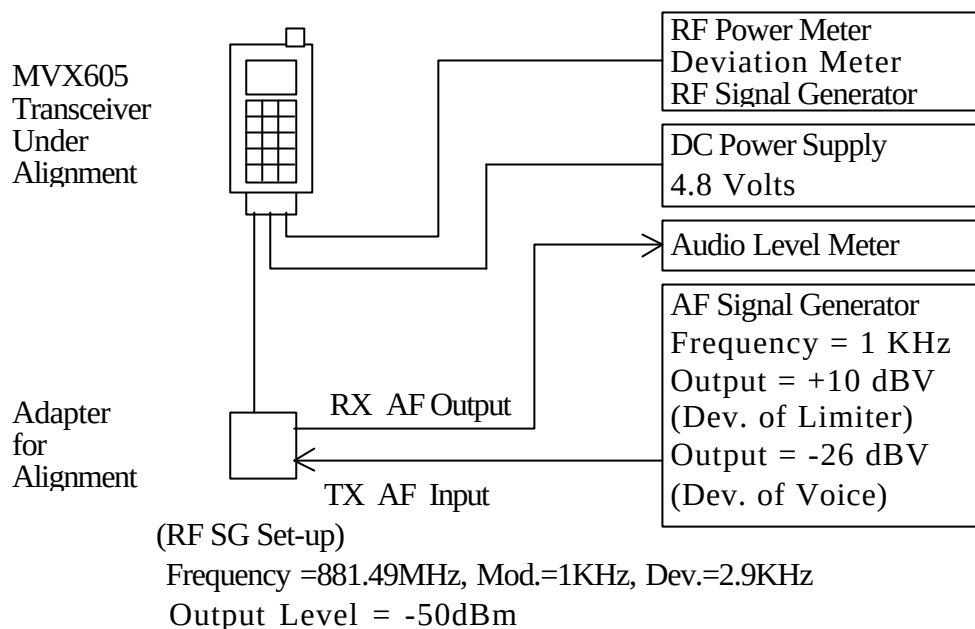


TUNE-UP PROCEDURE

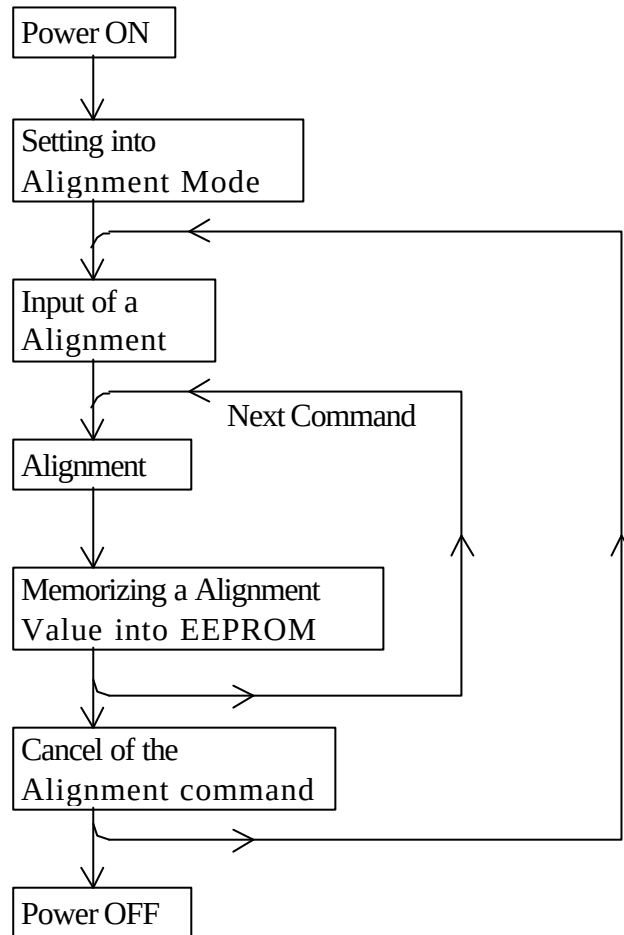
1. SET-UP FOR TUNE-UP OF TRANSMITTER



2. COMMAND LIST FOR ALIGNMENT

COMMAND	ALIGNMENT ITEMS
01	AFC Temperature Sensor
02	Frequency
03	RX Demodulation
04	RX RSSI Level for -50dBm
05	RX RSSI Level for -110dBm
06	Power Level of PL0
07	Power Level of PL3
08	Power Level of PL4
09	Power Level of PL5
10	Power Level of PL6
11	Power Level of PL7
12	Deviation of ST1
13	Deviation of ST3
14	Deviation of ST2
15	Deviation of SAT
16	Deviation of Voice
17	Deviation of DTMF (697Hz/1209Hz)

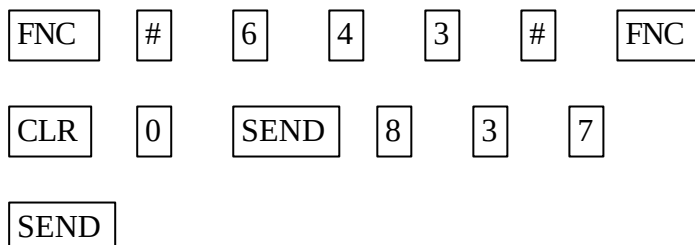
3. ALIGNMENT PROCEDURE



4. KEY OPERATION FROM HANDEST

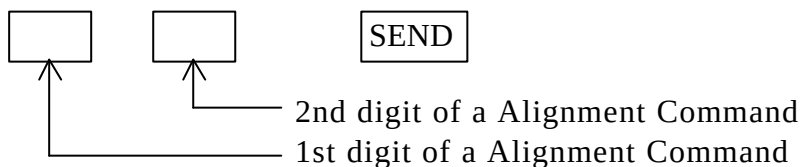
(a) Setting into Alignment Mode

Push keys as follows:



(b) Input of a Alignment Command

Push keys as follows:



(c) Alignment

Increasing Alignment value:

Push a key  (Up key)

Decreasing Alignment value:

Push a key  (Down key)

(d) Memorizing a Alignment value into EEPROM

Push a key 

(e) Cancel of the Alignment value into EEPROM

Push a key 

5. ALIGNMENT VALUE

ALIGNMENT Command	Measurement	Frequency(MHz) (Channel)	Alignment
01	AFC Temperature Sensor	-----	$\pm 3^{\circ}\text{C}$
02	Frequency	836.49 (383)	836.49MHz $\pm$ 200Hz
03	RX Demod Level	881.49 (383)	-26.0 $\pm$ 0.5 dBV
04	RX RSSI Level	881.49 (383)	-----
05	RX RSSI Level	881.49 (383)	-----
06	Power Level 0	836.49 (383)	+27.2 +0.0/-0.2 dBm
07	Power Level 3	836.49 (383)	+23.8 $\pm$ 0.2 dBm
08	Power Level 4	836.49 (383)	+19.8 $\pm$ 0.2 dBm
09	Power Level 5	836.49 (383)	+15.8 $\pm$ 0.2 dBm
10	Power Level 6	836.49 (383)	+11.8 $\pm$ 0.2 dBm
11	Power Level 7	836.49 (383)	+7.8 $\pm$ 0.2 dBm
12	ST1 Deviation (Peak)	824.04 (991)	8.0 $\pm$ 0.2 KHz
13	ST3 Deviation (Peak)	848.97 (799)	8.0 $\pm$ 0.2 KHz
14	ST2 Deviation (Peak)	836.49 (383)	8.0 $\pm$ 0.2 KHz
15	SAT Deviation (Peak)	836.49 (383)	2.0 $\pm$ 0.2 KHz
16	Voice Deviation (Peak)	836.49 (383)	2.9 $\pm$ 0.2 KHz
17	DTMF Deviation (Peak)	836.49 (383)	8.6 $\pm$ 0.2 KHz