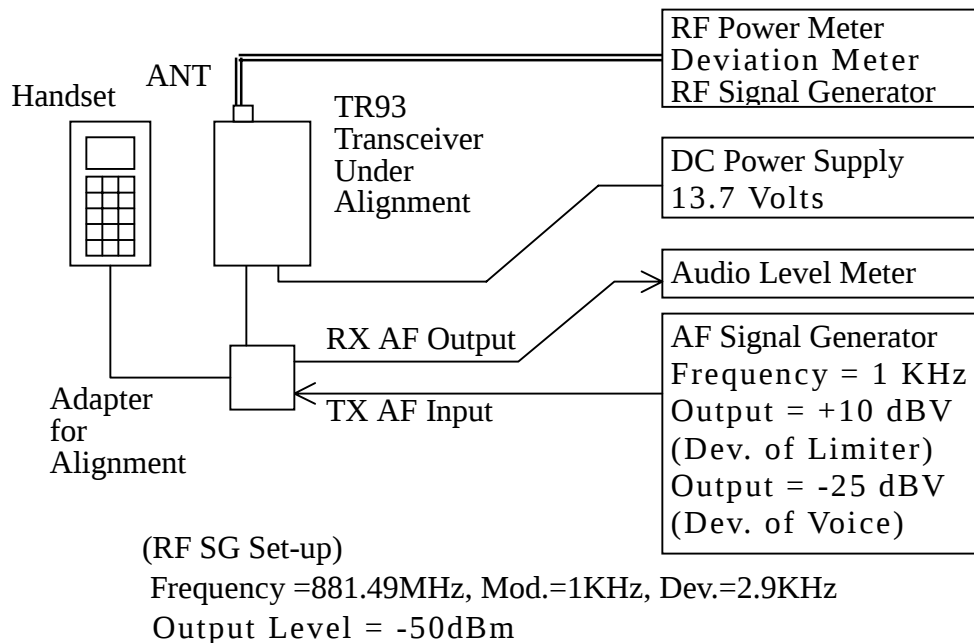


TUNE-UP PROCEDURE

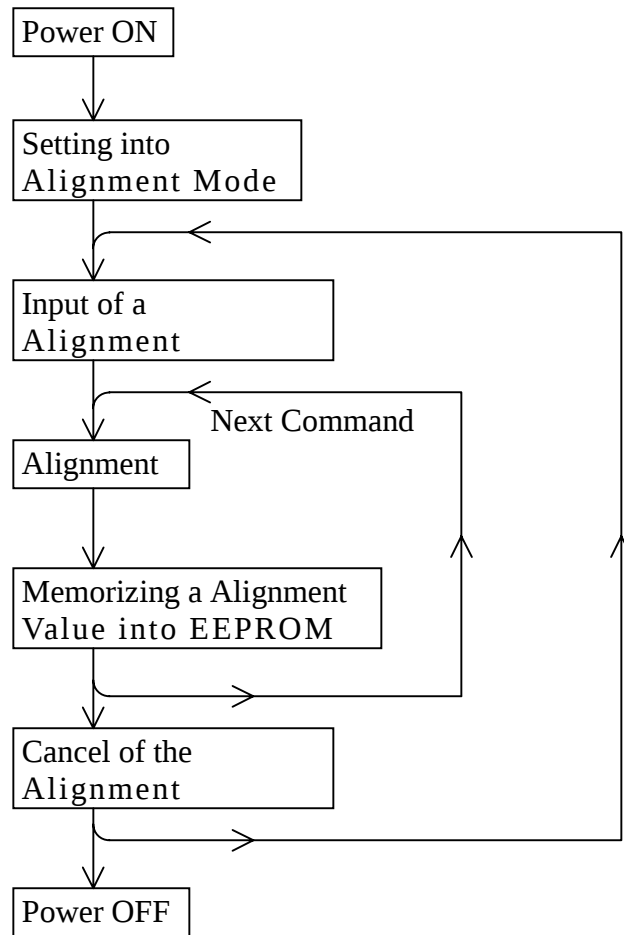
1. SET-UP FOR TUNE-UP OF TRANSMITTER



2. COMMAND LIST FOR ALIGNMENT

COMMAND	ALIGNMENT ITEMS
01	AFC Temperature Sensor
02	Frequency
03	RX Demodulation Level
04	RX RSSI Level for -50dBm
05	RX RSSI Level for -110dBm
06	Power Level of PL0
07	Power Level of PL1
08	Power Level of PL2
09	Power Level of PL3
10	Power Level of PL4
11	Power Level of PL5
12	Power Level of PL6
13	Power Level of PL7
14	Deviation of ST1
15	Deviation of ST3
16	Deviation of ST2
17	Deviation of SAT
18	Deviation of Voice
19	Deviation of DTMF (697Hz/1209Hz)

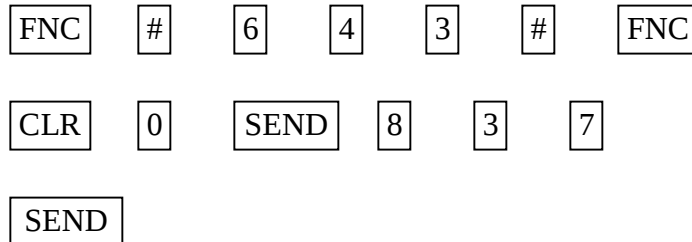
3. ALIGNMENT PROCEDURE



4. KEY OPERATION FROM HANDEST

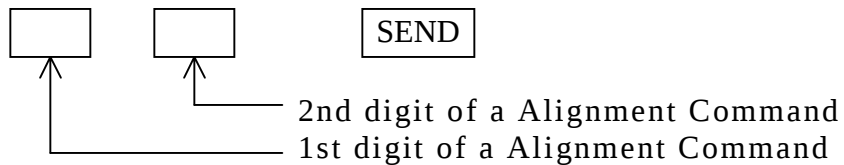
(a) Setting into Alignment Mode

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	-----	Room Temperature±3
02	Frequency	836.49 (383)	836.49MHz±200Hz
03	RX Demod Level	881.49 (383)	-25.0±0.5 dBV
04	RX RSSI Level	881.49 (383)	-----
05	RX RSSI Level	881.49 (383)	-----
06	Power Level 0	836.49 (383)	+34.8±0.2 dBm
07	Power Level 1	836.49 (383)	+30.8±0.2 dBm
08	Power Level 2	836.49 (383)	+26.8±0.2 dBm
09	Power Level 3	836.49 (383)	+22.8±0.2 dBm
10	Power Level 4	836.49 (383)	+18.8±0.2 dBm
11	Power Level 5	836.49 (383)	+14.8±0.5 dBm
12	Power Level 6	836.49 (383)	+10.8±0.5 dBm
13	Power Level 7	836.49 (383)	+6.8±0.2 dBm
14	ST1 Deviation (Peak)	824.04 (991)	8.0±0.1 KHz
15	ST3 Deviation (Peak)	848.97 (799)	8.0±0.1 KHz
16	ST2 Deviation (Peak)	836.49 (383)	8.0±0.1 KHz
17	SAT Deviation (Peak)	836.49 (383)	2.0±0.1 KHz
18	Voice Deviation (Peak)	836.49 (383)	2.9±0.3 KHz
19	DTMF Deviation (Peak)	836.49 (383)	8.6±0.3 KHz