TRANSMITTER

STEP	MODE	CHANNEL	FREQUENCY	CONDITION	ADJUST	METHOD
1	TX	1	462.5625MHz	RF POWER METER TO ANTENNA PATTERN (HOT AND GND) OF THE PCB .	-	CHECK THE RF OUTPUT POWER "LESS THAN 0.7W ".
2	TX	1	462.5625MHz	CONNECT FREQUENCY COUNTER TO THE ANTENNA PATTERN ON THE PCB WITH AN APPROPRIATE ATTENUATOR.	RT102	KEY THE TRANSMITTER WITHOUT ANY MODULATION. ADJUST TRANSMISSION FREQUENCY TO 462.562500MHz±100Hz
3	TX	1	462.5625MHz	CONNECT MODULATION ANALYZER TO THE ANTENNA PATTERN ON THE PCB. HPF:OFF LPF:15KHz DE-EMP:OFF INJECT 1KHz 60mVp-p SINE WAVE TO MIC LAND FROM AUDIO GENERATOR.	RT101	KEY THE TRANSMITTER, AND ADJUST RT101 AS THE MODULATION ANALYZER INDICATES ±2.2KHz ±0.1KHz DEVIATION.

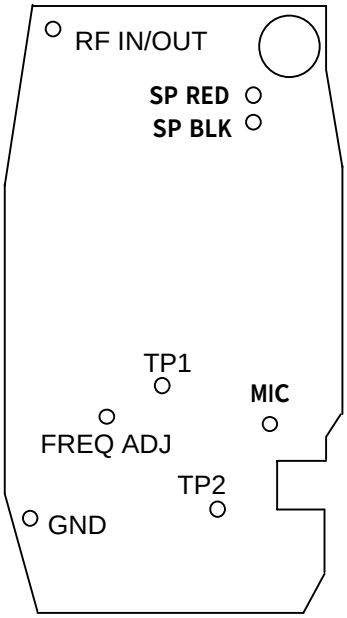
RECEIVER

STEP	MODE	CHANNEL	FREQUENCY	CONDITION	ADJUST	METHOD
1	RX	1	462.5625MHz	CONNECT DC VOLTMETER TO TP2 INJECT -47dBm RF SIGNAL WITHOUT MODULATION FROM SSG TO THE ANTENNA PATTERN ON THE PCB.	L109	ADJUST L109 AS THE VOLTMETER INDICATES 1.0V±0.05V
2	RX	1	462.5625MHz	CONNECT SINAD METER TO SPRED&SPBLK LAND WITH 16Ω DUMMY LOAD. INJECT RF SIGNAL FROM SSG AS FOLLOWING CONDITION. MAGNITUDE:AS LARGE AS THE RECEIVER OBTAINS 10dB SINAD SENSITIVITY. DEVIATION:±1.5KHz AF FREQUENCY:1KHz	RT103	TURN RT103 FULLY C.C.W., THEN TURN SLOWLY TO C.W. AND SET IT AT THE POINT WHERE WAVEFORM APPEARS AT THE SPEAKER OUT.

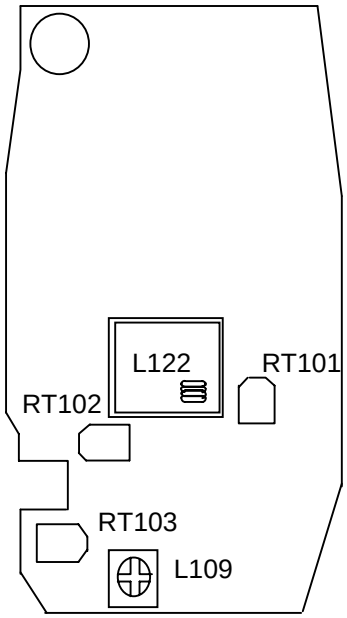
ALIGNMENT PROCEDUR FORM - 3				PAGE
MODEL	UNIT	BLOCK	ISSUE DATE	ISSUED
UT030ZH				NEKOZUKA

TITLE ADJUST POINT	SUB TITLE		REF DIAGRAM

1. MAIN PCB PD-916 (TOP VIEW)



2. MAIN PCB PD-916 (BOTTOM VIEW)



TP1 : VCONT
TP2 : DISC OUT
FREQ. ADJ.
RF IN/OUT
MIC
SP RED
SP BLK

L109 : DISC.ADJ.
L122 : VCONT ADJ..
RT101 : MAX DEV. ADJ.
RT102 : FREQ. ADJ.
RT103 : SQ ADJ.

REVISIONS:															
	REV. CODE	△	△	△	△	△	△	△	△	△	△	△	△	△	△
	DATE														
	LOT # / RN #														
	REVISED BY														
	CHECKED BY														