RECEIVER SECTION

1. TEST EQUIPMENT REQUIRED

A. RF SIGNAL GENERATOR
B. ACVM
C. DISTORTION METER
D. POWER SUPPLY (13.2V, 3AMP.)

2. ALIGNMENT PROCEDURE

STEP	SETTING	CONNECTION	ADJUST	ADJUST FOR
1	CONDITION: RECEIVE VOLUME: FULLY CLOCKWISE SQUELCH: TURN ON COUNTERCLOCKWISE CH. POSITION: 19 SSG: 27.185MHz, 1KHz 1KHz MOD. MOD: FM	CONNECT RF SIGNAL GENERATOR TO EXT-ANT JACK. CONNECT ACVM AND DISTORTION METER ACROSS EXT SPEAKER JACK WITH 8 OHM DUMMY LOAD	T301 T302 T303 T304 T305 T307	ADJUST FOR MAXIMUM INDICATION ON SINADER ADJUST RF SIGNAL UNTIL AUDIO OUTPUT BECOMES ABOUT STO. (2.0V)
			T501	ADJUST FOR MAXIMUM INDICATION ON ACVM
2	CONDITION: RECEIVE SSG: 27.185MHz, 1KHz 1mV 30% MOD. SQUELCH: TURN ON COUNTERCLOCKWISE CH. POSITION: 19 MOD: AM	CONNECT RF SIGNAL GENERATOR TO EXT-ANT JACK. CONNECT ACVM AND DISTORTION METER ACROSS EXT SPEAKER JACK WITH 8 OHM DUMMY LOAD	T305 T307	ADJUST FOR MINIMUM INDICATION ON DISTORTION METER (3-5%)
3	SQUELCH ADJUST: CONDITION: RECEIVE SSG: 27.185MHz, 1KHz 1mV 1KHz MOD. SQUELCH: CLOCKWISE CH. POSITION: 19 MOD: FM	CONNECT RF SIGNAL GENERATOR TO EXT-ANT JACK. CONNECT ACVM AND DISTORTION METER ACROSS EXT SPEAKER JACK WITH 8 OHM DUMMY LOAD	VR603	SSG AMPLITUDE CHANGE (-61dBm - -73dBm) AUDIO WAVE TURN ON/OFF CHECK
4	RF SIGNAL METER ADJUST CONDITION: RECEIVE SSG: 27.185MHz, 1KHz (-67dBm), 1KHz MOD. SQUELCH: FULLY COUNTER-CLOCKWISE MOD: FM	CONNECT RF SIGNAL GENERATOR TO EXT-ANT JACK. CONNECT ACVM AND DISTORTION METER ACROSS THE EXT SPEAKER JACK WITH 8 OHM DUMMY LOAD	VR602	ADJUST SO THAT SPEC IN S-9 LEVEL METER(±6dBm)