

Base unit

General Specification		
NO.	Items	Specification
1	Tx Frequency	902.80 - 904.75MHz
2	Rx Frequency	925.30 - 927.25MHz (Upper Heterodyne)
3	Channel Number Channel Separation	40 CH Full Duplex 50 KHz
4	1 st IF	10.7 MHz
5	2 nd IF	450 KHz
6	2 nd Local	10.25MHz
7	Modulation	FM
8	Temperature Range	Base : 0 to +45 °C Portable : 0 to +45 °C
	Antenna Impedance	50 ohm

Tx Specification			
Test Condition : Room Temperature/Nominal Power Supply Voltage/CCITT Filter ON			
NO.	Items	Specification	Condition
1	Frequency Tolerance	$\leq \pm 8$ ppm	0 to +45°C, <u>NO Mod.</u>
		$\leq \pm 4$ ppm	25 $\pm$ 3°C, <u>NO Mod</u>
2	Tx Power	- 4 dBm + 3 / - 3dB	SETTING : 20 CH, <u>NO Mod</u>
3	Deviation	6 KHz $\pm$ 2.5 KHz	Modulation Frequency : 1KHz Level : -18dBm
4	Modulation S/N	≤ 40 dB	CCITT ON
5	Spurious Emissions (FCC : Radiation Test)	≤ -67 dBm ≤ -64 dBm ≤ -61 dBm ≤ -53 dBm	25 KHz - 88 MHz 88 MHz - 216 MHz 216 MHz - 1 GHz More than 1 GHz
6	PLL Lock Up Time	Typ : 15mS Max: 25mS	PLL IC : HIGH SPEED MODE (ADJACENT CHANNEL SELECT)

1- 6 . ELECTRICAL SPECIFICATIONS

HANDSET

General Specification		
NO.	Items	Specification
1	Tx Frequency	925.30 - 927.25MHz
2	Rx Frequency	902.80 - 904.75MHz (Lower Heterodyne)
3	Channel Number Channel Separation	40 CH Full Duplex 50 kHz
4	1 st IF	10.7 MHz
5	2 nd IF	450 kHz
6	2 nd Local	10.25MHz
7	Modulation	FM
8	Temperature Range	Base : 0 to +45 °C Portable : 0 to +45 °C
	Antenna Impedance	50 ohm

Tx Specification			
Test Condition : Room Temperature/Nominal Power Supply Voltage/CCITT Filter ON			
NO.	Items	Specification	Condition
1	Frequency Tolerance	$\leq \pm 8$ ppm	0 to +45°C, <u>NO</u> Mod.
		$\leq \pm 4$ ppm	25 $\pm$ 3°C, <u>NO</u> Mod
2	Tx Power	- 4 dBm + 3 / - 3dB	SETTING : 20 CH, <u>NO</u> Mod
3	Deviation	6 kHz $\pm$ 2.5kHz	Modulation Frequency : 1KHz Level : -18dBm
4	Modulation S/N	≤ 40 dB	CCITT ON
5	Spurious Emissions (FCC : Radiation Test)	≤ -67 dBm ≤ -64 dBm ≤ -61 dBm ≤ -53 dBm	25 kHz - 88 MHz 88 MHz - 216 MHz 216 MHz - 1 GHz Less than 1 GHz
6	PLL Lock Up Time	Typ : 15mS Max: 25mS	PLL IC : HIGH SPEED MODE (ADJACENT CHANNEL SELECT)