

Applicant: Kirisun Electronics (Shenzhen) Co., Ltd.

FCC ID: Q5EPT220802

PT 2208 (2) Production Specification

1. General Specification

	Items	Specifications
1	Channel Number	16
2	Channel space	25KHz/12.5KHz
3	Frequency	150~174MHZ
4	Temperature range	-30 °C~+60 °C
5	Antenna Impedance	50 Ω
6	Microphone impedance	2K Ω
7	Power source	7.5VDC(20%)
8	Dimension/weight (net)	55(W)*115(H)*32mm(D) Body:130g, W/battery&antenna 240g

2. Detailed specification

A. Receiver sections

	Items	Specifications
1	Sensitivity (12dB SINAD)	0.35 μv
2	Operating band width	±7KHz
3	Channel selectivity	≥60dB
4	Intermodulation	≥60dB
5	Spurious response	≥60dB
6	Audio output power	500mW
7	Frequency stability	±5 ppm
8	Channel expanding range	24MHz

B. Transmitter sections

	Items	Specifications
1	RF output Power	5W
2	Modulation type	16k \emptyset F3E
3	Spurious an harmonics	\leq -60dB
4	FM noise 300~3000Hz	\leq -40dB
5	Modulation distortion 300~3000Hz	\leq 5%
6	Frequency stability	\pm 5ppm
7	Channel expanding range	24MHz
8	Max frequency deviation	\pm 5KHz