

Document for FCC

Model Name: VXR-7000U

Type	FCC ID	Serial number
A, 400-430MHz	K66VXR-7000U-2	0J010024

EQUIPMENT SPECIFICATION DECLARED BY THE APPLICANT

Model Name	: VXR-7000U		
FCC ID	: K66VXR-7000U-2		
Specification is Referenced	: EIA/TIA-603		
Emission Type	: 16K0F3E / 11K0F3E		
Channel Spacing	: 25 / 12.5		[kHz]
Description	: Base		
Mode	: FM		
Frequency Range	A	TX	: 400-430 [MHz]
		RX	: 400-430 [MHz]
Rated RF Power	HIGH	: 50	[W]
	LOW	: 10	[W]
Maximum Power Rating	: 300		[W]
Power Supply Voltage	AC	: 120	[V]
Collector Voltage	: 13.8		[V]
Collector Current	: 10.1		[A]

VXR-7000U Specifications

General

Frequency range	(TX):	400-430MHz
	(RX):	400-430MHz
Channel spacing:		25 / 12.5KHz
Emission type:		16K0F3E / 11K0F3E
Power supply voltage	(Rated):	120V AC
	(Range):	100-130V

Temperature range:		-30 to +60 °C
Case size	(W x H x D):	325x115x391.5mm
Weight	(Approx.):	11kg

Receiver

Circuit type:		Double-conversion superheterodyne
I _{fs}	(1 st):	73.35MHz
	(2 nd):	455KHz
12dB SINAD Sensitivity		0.35μV
Adjacent channel selectivity:		75dB
Intermodulation:		75dB
Spurious rejection:		75dB
Speaker impedance:		4Ω
AF Output	(@ 4 Ω, 5% THD)	4W

Transmitter

Power Output	(High):	50W
	(Low):	10W
Frequency stability:		± 1.5ppm
Modulation system:		Variable reactance
Maximum deviation:		5 / 2.5KHz
FM Noise:		better than 50dB
Spurious emissions:		better than 60dB
AF distortion	(@ 1KHz)	5%
Microphone type:		Dynamic
Microphone impedance:		600Ω