

Document for FCC

Model Name: VXA-200

Type	FCC ID	Serial number
USA, 118-137MHz	K66VXA-200	0N001101

EQUIPMENT SPECIFICATION DECLARED BY THE APPLICANT

Model Name	: VXA-200		
FCC ID	: K66VXA-200		

Specification is Referenced	: EIA/TIA-603		
Emission Type	: 6K00A3E		
Channel Spacing	: 25		[kHz]
Description	: Portable		
Mode	: AM		
Frequency Range	USA TX	: 118-137	[MHz]
	RX	: 108-137	[MHz]

Rated RF Power	: 5(PEP)		[W]
	: 1.5(Carrier)		
Maximum Power Rating	: 300		[W]
Power Supply Voltage	DC	: 7.2	[V]
Collector Voltage	: 7.2		[V]
Collector Current	: 0.7		[A]

VXA-200 Specifications

General

Frequency Range:	TX	118.000 - 136.975 MHz (COM Band)
	RX	108.000 - 117.975 MHz (NAV Band)
		118.000 - 136.975 MHz (COM Band)
		Weather channel (WX-01 - WX-10)
Channel Spacing:		25 kHz
Emission Type:	TX	AM
	RX	AM & FM
Supply Voltage:		6.0 - 15.0 VDC
Temperature Range:		-10 °C to +60 °C
Case Size (WxHxD):		58 x 108.5 x 30 mm w/FNB-64
Weight (approx.):		340 grams with FNB-64, antenna, and belt clip

Receiver

Circuit Type:	Double-conversion superheterodyne
IFs:	35.4 MHz & 450 kHz
Sensitivity:	< 1 μ V (for 6 dB S/N with 1 kHz, 30 % modulation)
Selectivity:	< 8 kHz/-6 dB
Adjacent CH. Selectivity:	> 25 kHz/-60 dB
AF Output:	0.4W @ 8 ohm, 10 % THD

Transmitter

Power Output:	5.0 W (PEP), 1.5 W (Carrier Power) @ 7.2 V
Frequency Stability:	Better than ± 10 ppm (-10 °C to +60 °C)
Modulation System:	Low Level Modulation
Spurious Emission:	> 60 dB below carrier
Int. Microphone Type:	Condenser
Ext. Mic. Impedance:	150 ohm