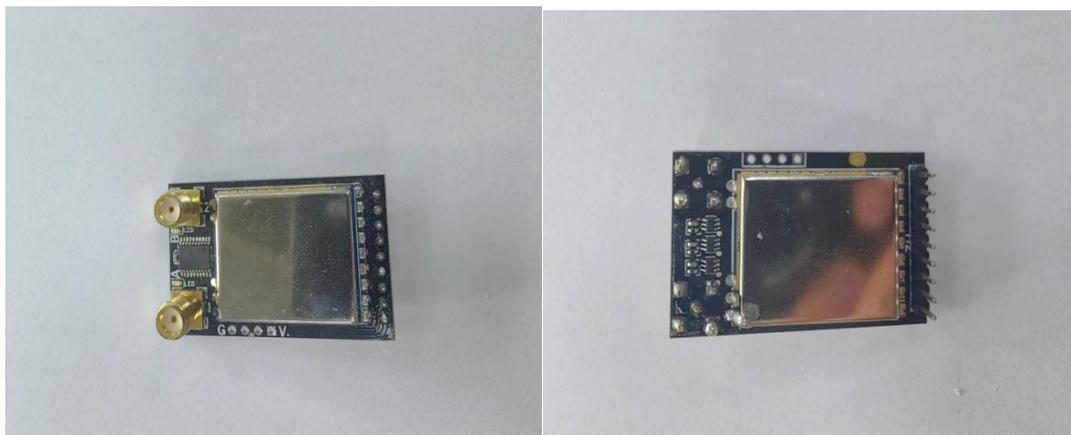


4.9-5.9GHz 接收模块使用说明 (VRX)



规格参数

直流特性 (DC Characteristics)	
供电电压(POWER SUPPLY)	7-36V
耗电流(Current Consumption)	(280 ±40)mA
工作环境 (Environmental Specification)	
工作温度 (Operating Temperature)	-10~+65 °C
存储温度 (Storing Temperature)	-30~+85 °C
工作湿度 (Operating humidity)	85%RH
射频 (RF)	
接收频率范围 (Receiving frequency range)	4990~5945MHz (80CH)
输入驻波比 (Voltage Standing Wave Ratio)	2:1
解调方式 (Demodulation system)	FM/PLL
中频频率 IF	480MHz
天线端口阻抗 (ANT. input impedance)	50Ω, Typ.
本振频率稳定性(LO Frequency stabilization)	±200kHz
本振频率精度(LO Frequency Precision)	±200kHz
本振控制 (LO Control)	PLL
输入端本振泄漏(Input LO Leak)	-65dBm
接收灵敏度 (Receiving Sensitivity)	-95dBm
输入电平范围 (Input Level Range)	-95 dBm ~+5 dBm
视频(Video Characteristics)	
视频输出阻抗 (Video Output impedance)	75Ω, Typ.
视频输出电平 (Video Output Level)	1V _{p-p} , Typ.
视频极性 (Video Polarity)	负极性 (NEGATIVE)
视频频率响应 (Video Frequency Response)	±5 dB, Max. 50Hz ~ 6MHz

微分增益 (Differential Gain)	±5 %, Max
微分相位 (Differential Phase)	±5 Deg., Max
3dB 中频带宽 (3Db IF WIDEBAND)	16.5MHz
信噪比 S/N	38dB, Min
RSSI Output Voltage(-30dBm~-90dBm)	1.3~0.7V
外形尺寸 (Profile dimension)	44mm (L) *27mm(W)*27mm(H)
净重 (net weight)	14.2g

Frequency Table								
Band	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
Band A	5865	5845	5825	5805	5785	5765	5745	5725
Band B	5733	5752	5771	5790	5809	5828	5847	5866
Band E	5705	5685	5665	5645	5885	5905	5925	5945
Band F	5740	5760	5780	5800	5820	5840	5860	5880
Band R	5658	5695	5732	5769	5806	5843	5880	5917
Band L	5333	5373	5413	5453	5493	5533	5573	5613
Band X	4990	5020	5050	5080	5110	5140	5170	5200
Band H	5653	5693	5733	5773	5813	5853	5893	5933
Band U	5325	5348	5366	5384	5402	5420	5438	5456
Band O	5474	5492	5510	5528	5546	5564	5582	5600