



Specs

General

Frequency Range: 400-470MHz

Channel Capacity: 256

Channel Space: 12.5kHz\25kHz

Frequency Stability: $\pm 1.5\text{ppm}$

Operating Voltage: DC7.4V $\pm 15\%$

Dimensions: 60mm x135mm x35mm (Excluding Antenna)

Weight: 262g

Battery Pack: 1800mAh Li-ion

Working Temperature: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

Storage Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Receiver

Analogue Sensitivity: $\leq 0.2 \mu\text{V} / -121\text{dBm}$

Digital Sensitivity: -119dBm (BER $\leq 5\%$); -117dBm (BER $\leq 1\%$)

Intermodulation: $\geq 50\text{dB}$ @ 12.5kHz; $\geq 55\text{dB}$ @ 25kHz

Adjacent Channel Sensitivity: $\geq 50\text{dB}$ @ 12.5kHz; $\geq 55\text{dB}$ @ 25kHz

Co-Channel Rejection: $\geq -8\text{dB}$

Block: $\geq 85\text{dB}$

Audio Power: $> 1\text{W}$ (16 Ω)

Audio Distortion: $\leq 5\%$

Transmitter

RFPower: (1) 5W/1W (2) 4W/1W

Modulation Sensitivity: $10\pm 3\text{mV}$

Spurious RF Components: $\leq -58\text{dB}$

Adjacent Channel Power: $\leq -55\text{dB}$ @ 12.5kHz; $\leq -65\text{dB}$ @ 12.5kHz

4FSK Modulation Accuracy: $\leq 5\%$

Audio Distortion: $\leq 5\%$