

Technical Description

The equipment under test (EUT) is a 2.4GHz transmitter with 3 channels operating at 2413-2473MHz;
It is powered by 20V Li-ion batteries .

Channels List

Channel	Frequency (MHz)
1	2413
2	2450
3	2473

Modulation:GFSK;

Number of Channel:3 Channels;

Support Data Rate:250KHbps;

Conducted Power:4dBm;

Antenna Gain:2dBi;

Antenna Type:Wire Antenna;

RX FUNCTION

The functions of RX MAIN Ics are mentioned as below:

- 1)U1 as ARM+2.4G RF for system and gaming control;
- 2)U2, L1, CE2, CE3, CE5 acts as power setp-downm DC-DC (20V-5V);
- 3)U6, L3, D1, CE4 acts as power setp-UP DC-DC (20V-28V);
- 4)U4, U5, VR1 acts as streeing gear drive device;
- 5)U7, D3 acts as control level conversion; (3.3V to 28V)
- 4) Q1, Q2, Q3, Q4 acts as motor drive tube;