

The Equipment under Test (EUT) is a Control unit for Radio Control Flight System model: 11151AC operating at 2.4GHz band. It is powered by 4 x 1.5V AA size batteries.

Channel List

Channel Number	Frequency (MHz)
1	2430.0000
2	2431.0000
3	2432.0000
4	2433.0000
5	2434.0000
6	2435.0000
7	2436.0000
8	2437.0000
9	2438.0000
10	2439.0000
11	2440.0000
12	2441.0000
13	2442.0000
14	2443.0000
15	2444.0000
16	2445.0000
17	2446.0000
18	2447.0000
19	2448.0000
20	2449.0000
21	2450.0000
22	2451.0000
23	2452.0000
24	2453.0000
25	2454.0000
26	2455.0000
27	2456.0000
28	2457.0000
29	2458.0000
30	2459.0000
31	2460.0000
32	2461.0000
33	2462.0000
34	2463.0000
35	2464.0000

36	2465.0000
37	2466.0000
38	2467.0000
39	2468.0000
40	2469.0000
41	2470.0000
42	2471.0000
43	2472.0000
44	2473.0000
45	2474.0000

Modulation Type: GFSK

Antenna Type: Integral antenna

Antenna Gain: 0dBi.

The normal radiated output power (e.i.r.p) is: 1.0dBm (tolerance: +/- 3dB).

The normal conducted output power is: 1.0dBm (tolerance: +/- 3dB).

The functions of main Components are mentioned as below.

- 1) U1 acts as Charger IC.
- 2) U2 acts as Regulator.
- 3) U3 acts as MCU, it processes the input data, and collects the data such as pressing the button, pushing the stick and acceleration etc and sends this information to 2.4G RF module.
- 4) U4 acts as Memory IC.

RF Module

- 1) U5 acts as 2.4 RF Chip.
- 2) Y1 acts as 12MHz oscillator for U5.