

- 1、 Frequency Range: 2403.5MHz~2477.3MHz
- 2、 Type of Modulation: FHSS
- 3、 Channel numbers: 49
- 4、 Occupied Bandwidth: 2.25MHz
- 5、 Channel Separation: 1.5MHz
- 6、 RF Output power: 13dBm
- 7、 Duty cycle: 5.46%
- 8、 Antenna type: PCB antenna, 3.3dBi
- 9、 Data rate:1Mbps
- 10、 Communication: One-way

frequency hopping spread spectrum (FHSS) system works by hopping from one frequency channel to another in a unknown sequence out of a select group of channels. The system frequency hops between 49 channels. If it is determined that one of the 49 hopping channels is found to be noisy or poor due to other RF interference, then a new channel is selected from the 49 unused channels, This repeats whenever a noisy or poor channel is detected,.The sequential hops is no any order can follow, is completely random.

Pseudorandom Frequency Hopping Sequence Table as below: 31, 26, 34, 03, 11, 02, 10, 18,26, 19, 23, 35, 34, 23, 10, 15, 5, 13, 21, 29, 22, 30, 18, 13 etc. The system receiver have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals.

Channel List

Channel No .	Frequency (MHz)	Channel No .	Frequency (MHz)	Channel No .	Frequency (MHz)	Channel No .	Frequency (MHz)
1	2403.5	2	2405.1	3	2406.6	4	2408.1
5	2409.7	6	2411.2	7	2412.8	8	2414.3
9	2415.8	10	2417.4	11	2418.9	12	2420.4
13	2422.0	14	2423.5	15	2425.1	16	2426.6
17	2428.1	18	2429.7	19	2431.2	20	2432.7
21	2434.3	22	2435.8	23	2437.4	24	2438.9
25	2440.4	26	2442.0	27	2443.5	28	2445.0
29	2446.6	30	2448.1	31	2449.6	32	2451.2
33	2452.7	34	2454.3	35	2455.8	36	2457.3
37	2458.9	38	2460.4	39	2461.9	40	2463.5
41	2465.0	42	2466.6	43	2468.1	44	2469.6
45	2471.2	46	2472.7	47	2474.2	48	2475.8
49	2477.3						