

1、FHSS comments

A frequency hopping spread spectrum (FHSS) system works by hopping from one frequency channel to another in a known sequence out of a select group of channels. The HT system frequency hops between 20 channels. The group of 20 channels is selected out of a total of 49 hopping channels in the ISM band. If it is determined that one of the 20 hopping channels is found to be noisy or poor due to other RF interference, then a new channel is selected from the 29 unused channels (i.e. $49 - 20 = 29$) and the one noisy channel is released to the unused group. This repeats whenever a noisy or poor channel is detected. For example, for the hop pattern of 2409.7MHz , 2465.0MHz , 2472.7MHz , 2457.3MHz , 2475.8MHz , 2425.1MHz; The sequential hops are +55.3MHz , +7.7MHz, -15.4MHz, +18.5MHz, -50.7MHz. The sequential hops is no any order can follow, is completely random.

2、Channel List

1	2.4035	26	2.4420
2	2.4051	27	2.4435
3	2.4066	28	2.4450
4	2.4081	29	2.4466
5	2.4097	30	2.4481
6	2.4112	31	2.4496
7	2.4128	32	2.4512
8	2.4143	33	2.4527
9	2.4158	34	2.4543
10	2.4174	35	2.4558
11	2.4189	36	2.4573
12	2.4204	37	2.4589
13	2.4220	38	2.4604
14	2.4235	39	2.4619
15	2.4251	40	2.4635
16	2.4266	41	2.4650
17	2.4281	42	2.4666
18	2.4297	43	2.4681
19	2.4312	44	2.4696
20	2.4327	45	2.4712
21	2.4343	46	2.4727
22	2.4358	47	2.4742
23	2.4374	48	2.4758
24	2.4389	49	2.4773
25	2.4404		