

1-1. Specification for FHSS Cordless Phone:

No.	Items	Description
1	Frequency Range	2405.376 – 2474.496 MHz
2	Transmit Power	125 mW (maximum)
3	Transmit Power Control	NIL
4	Duplexing Technique	Time Division Duplex (TDD)
5	Multiplex Access	TDMA (24 time slot)
6	Spreading Scheme	Frequency Hopping
7	Speech Encoding	32K ADPCM
8	Hop Sequence	Pseudo PN code
9	Channel Symbol Rate	1.152Kbps
10	Channel Spacing	1.728MHz
11	Number of Channels	47 Channels
12	Number of Active Channels	17 Channels (minimum)
13	Dwell Time	10mS (maximum)
14	Hopping Rate	100 hop/sec
15	Modulation	GFSK

Additional information:

In accordance with requirements of FCC 15.247, on pseudo random frequency hopping sequence the following is an example of a 17 hopping sequence.

{37,35,30,20,42, 5, 7,12,22, 2,10,17,32,25,15,27,40,...};

1-2. Channel Number and Frequency

Channel Number	Channel Center Frequency (MHz)	Channel Number	Channel Center Frequency (MHz)
0 (*1)	2401.920	25	2445.120
1 (*1)	2403.648	26 (*1)	2446.848
2	2405.376	27	2448.576
3 (*1)	2407.104	28 (*1)	2450.304
4 (*1)	2408.832	29 (*1)	2452.032
5	2410.560	30	2453.760
6 (*1)	2412.288	31 (*1)	2455.488
7	2414.016	32	2457.216
8 (*1)	2415.744	33 (*1)	2458.944
9 (*1)	2417.472	34 (*1)	2460.672
10	2419.200	35	2462.400
11 (*1)	2420.928	36 (*1)	2464.128
12	2422.656	37	2465.856
13 (*1)	2424.384	38 (*1)	2467.584
14 (*1)	2426.112	39 (*1)	2469.312
15	2427.840	40	2471.040
16 (*1)	2429.568	41 (*1)	2472.768
17	2431.296	42	2474.496
18 (*1)	2433.024	43 (*1)	2476.224
19 (*1)	2434.752	44 (*1)	2477.952
20	2436.480	45 (*1)	2479.680
21 (*1)	2438.208	46 (*1)	2481.408
22	2439.936		
23 (*1)	2441.664		
24 (*1)	2443.392		

(*1) Don't Use in product