

FHSS DESCRIPTION

This product has a 2.4GHz Frequency Hopping Spread Spectrum function.

Hopping Frequency Table

ch	MHz	ch	MHz	ch	MHz	ch	MHz	ch	MHz	ch	MHz	ch	MHz	ch	MHz
0	2402	10	2412	20	2422	30	2432	40	2442	50	2452	60	2462	70	2472
1	2403	11	2413	21	2423	31	2433	41	2443	51	2453	61	2463	71	2473
2	2404	12	2414	22	2424	32	2434	42	2444	52	2454	62	2464	72	2474
3	2405	13	2415	23	2425	33	2435	43	2445	53	2455	63	2465	73	2475
4	2406	14	2416	24	2426	34	2436	44	2446	54	2456	64	2466	74	2476
5	2407	15	2417	25	2427	35	2437	45	2447	55	2457	65	2467	75	2477
6	2408	16	2418	26	2428	36	2438	46	2448	56	2458	66	2468	76	2478
7	2409	17	2419	27	2429	37	2439	47	2449	57	2459	67	2469	77	2479
8	2410	18	2420	28	2430	38	2440	48	2450	58	2460	68	2470	78	2480
9	2411	19	2421	29	2431	39	2441	49	2451	59	2461	69	2471		

Mode

Bluetooth2.1 compatible

AFH (Adaptive Frequency Hopping):

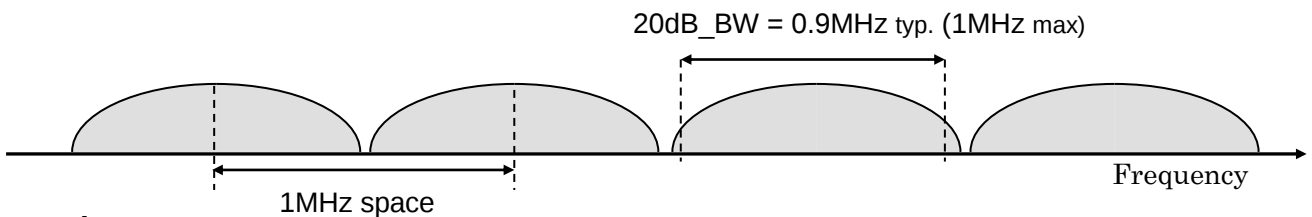
Removing the "bad channel" from the hopping table in order to avoid the interference.

Default: 79-channels hopping

Minimum: 20-channels hopping

- 1) FSK deviation: 160 KHz typ. (140kHz min – 175kHz max)
- 2) Channel space : 1MHz space
- 3) Transmitter Output Power : Bluetooth Class1 limit (10mW EIRP)

Spectrum image



Packet Type

TG9541 products support Bluetooth packets.

Up to 5 slot packets (DH5/DM5) are supported.

DH1/DM1

