

Fig. 110 Time of Occupancy(Dwell Time) (π_4 DQPSK, Ch39)

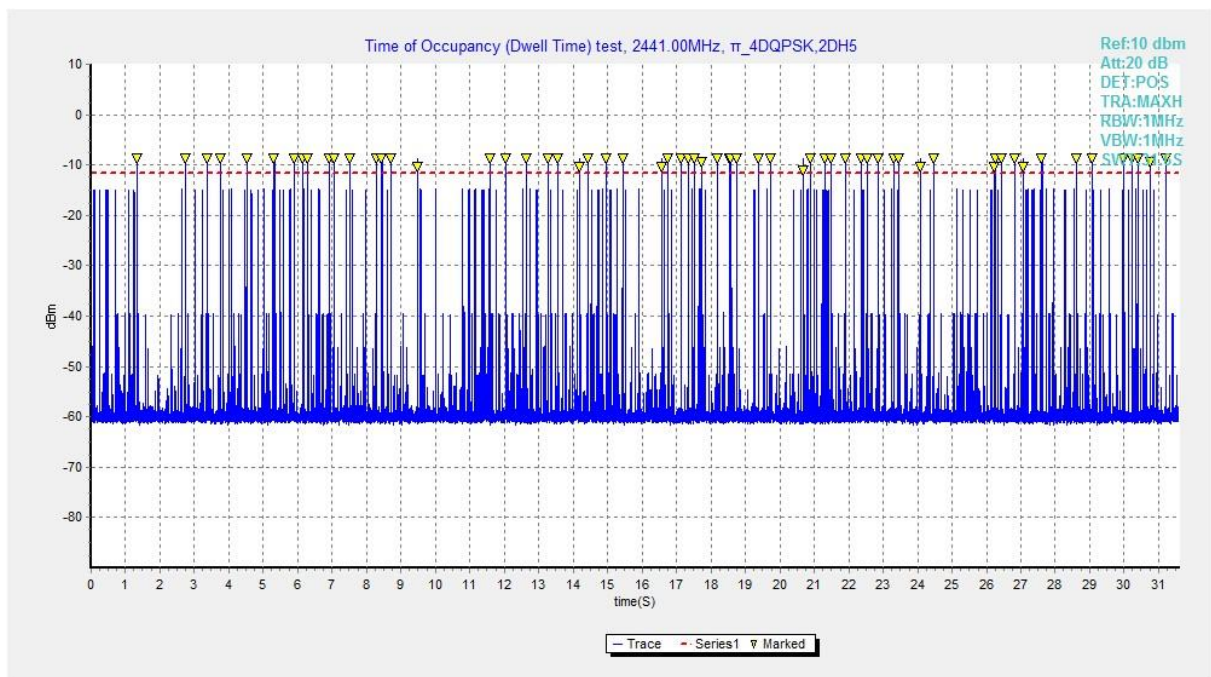


Fig. 111 Time of Occupancy(Dwell Time) (π_4 DQPSK, Ch39)

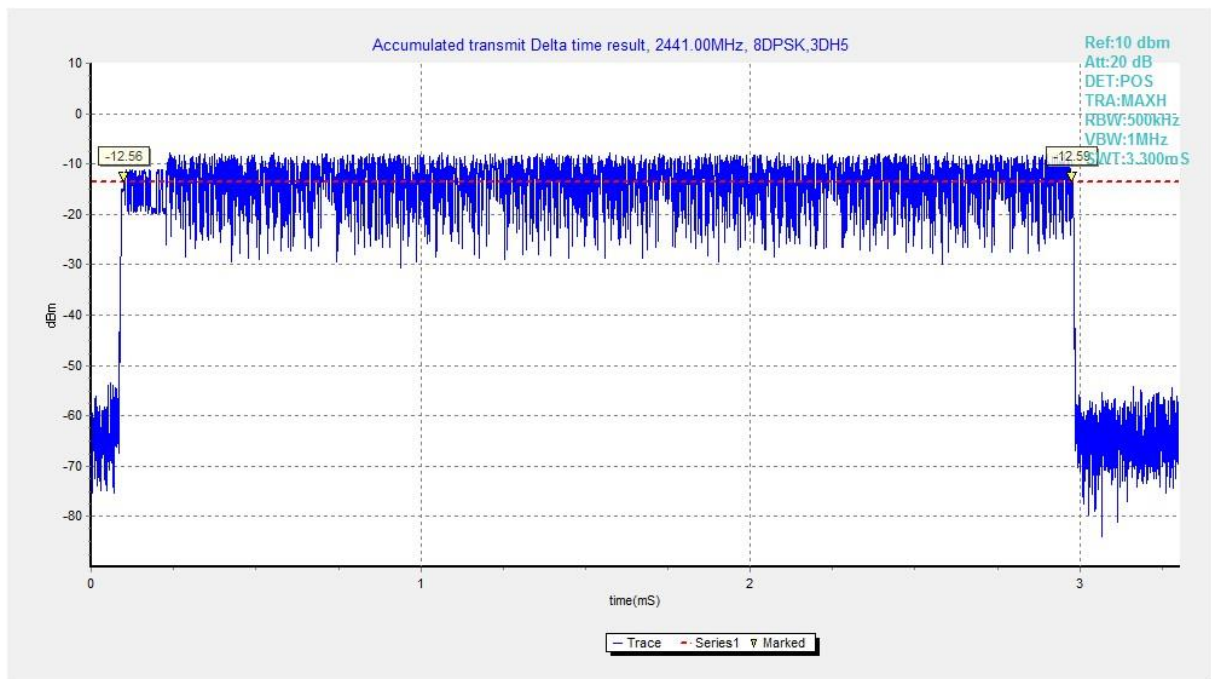


Fig. 112 Time of Occupancy(Dwell Time) (8DPSK, Ch39)

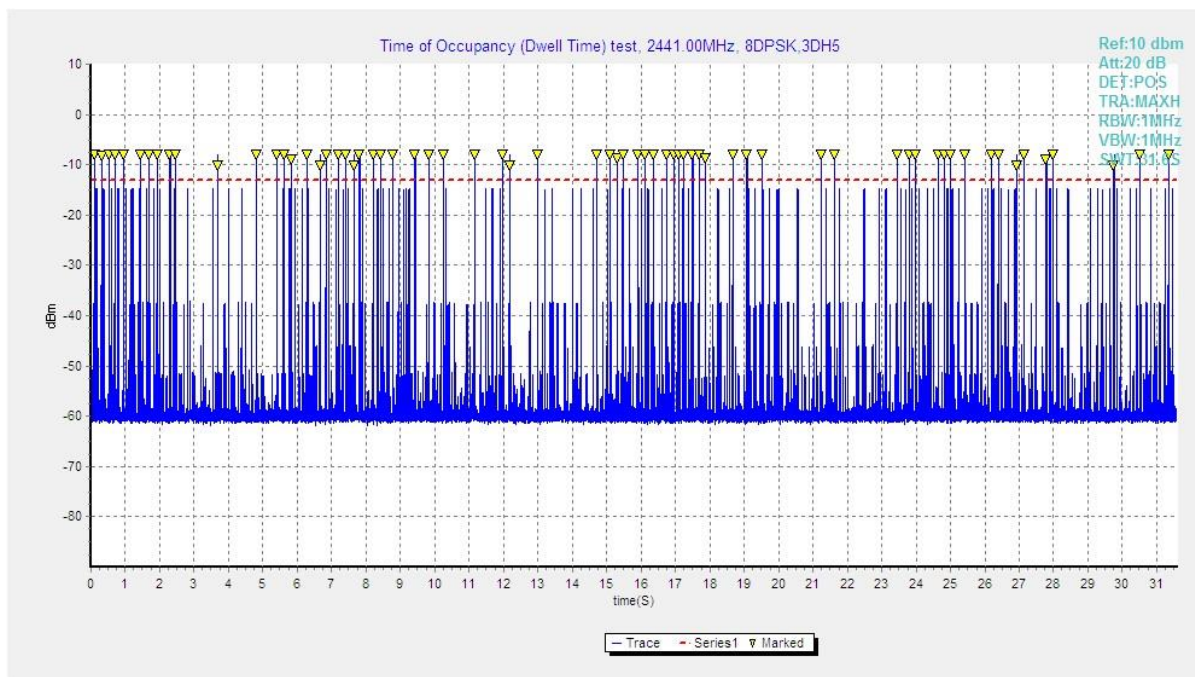


Fig. 113 Time of Occupancy(Dwell Time) (8DPSK, Ch39)

A.7 Number of Hopping Channels

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247(a)	At least 15 non-overlapping channels

Measurement Results:

Mode	Packet	Number of hopping		Test result	Conclusion
GFSK	DH5	Fig.114	Fig.115	79	P
$\pi/4$ DQPSK	2-DH5	Fig.116	Fig.117	79	P
8DPSK	3-DH5	Fig.118	Fig.119	79	P

See below for test graphs.

Conclusion: Pass

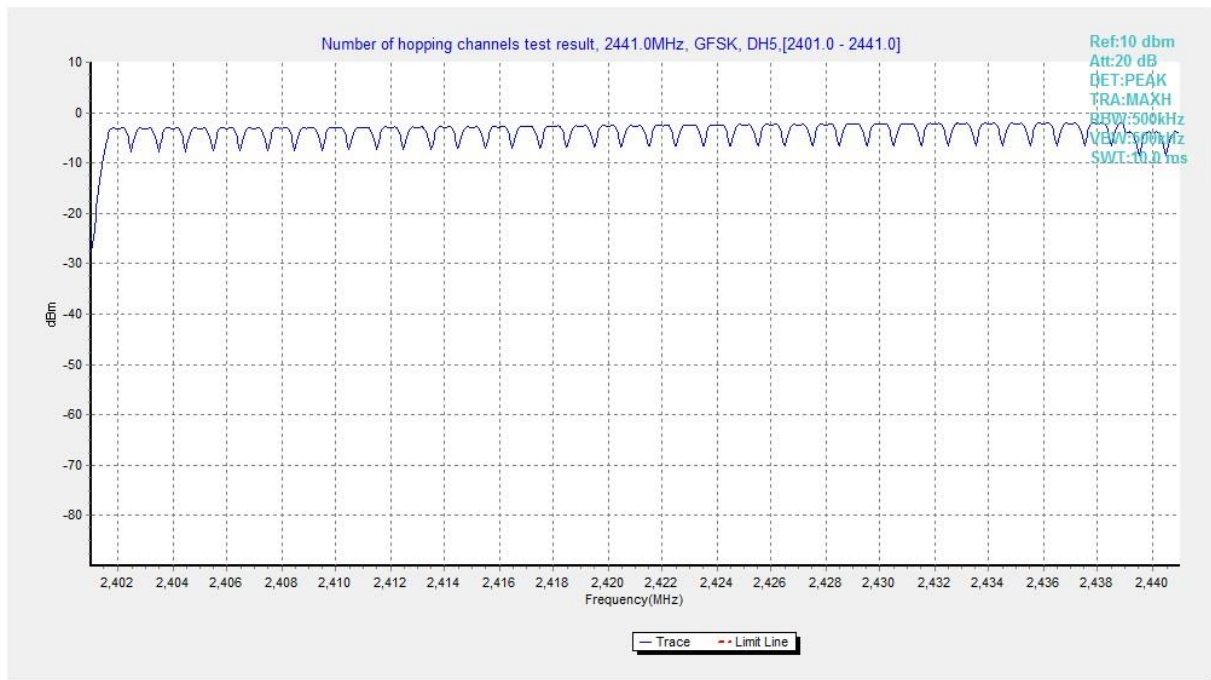


Fig. 114 Hopping channel ch0~39 (GFSK, Ch39)

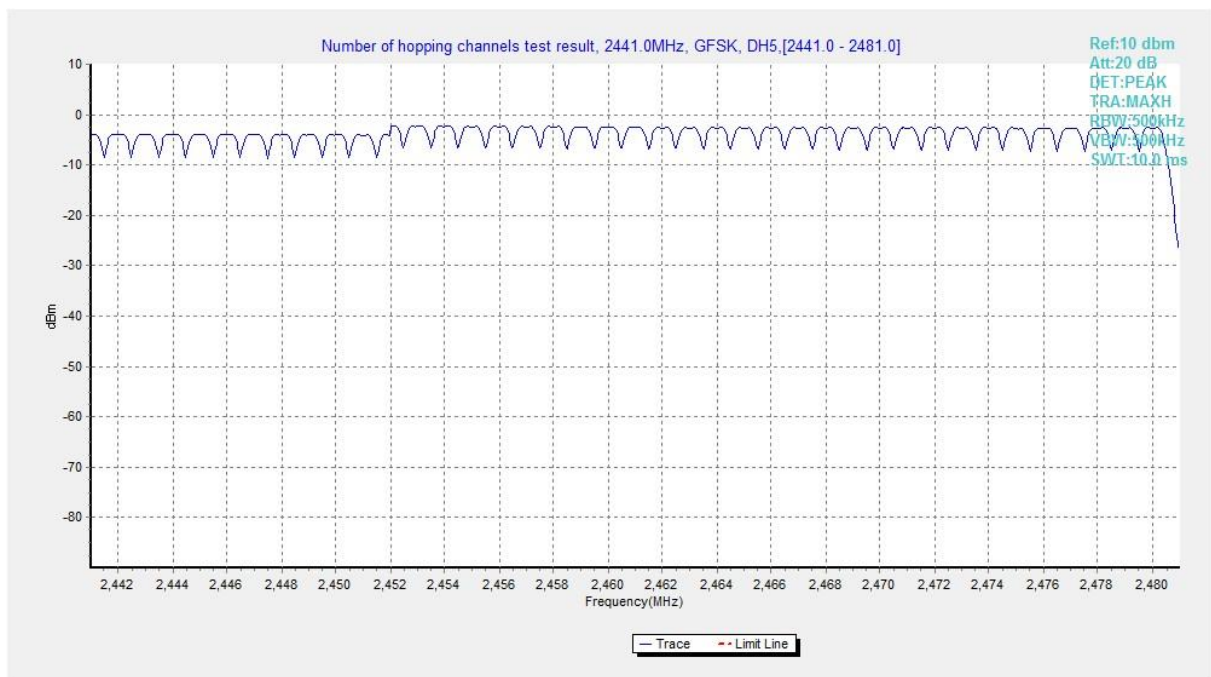


Fig. 115 Hopping channel ch39~78 (GFSK, Ch39)

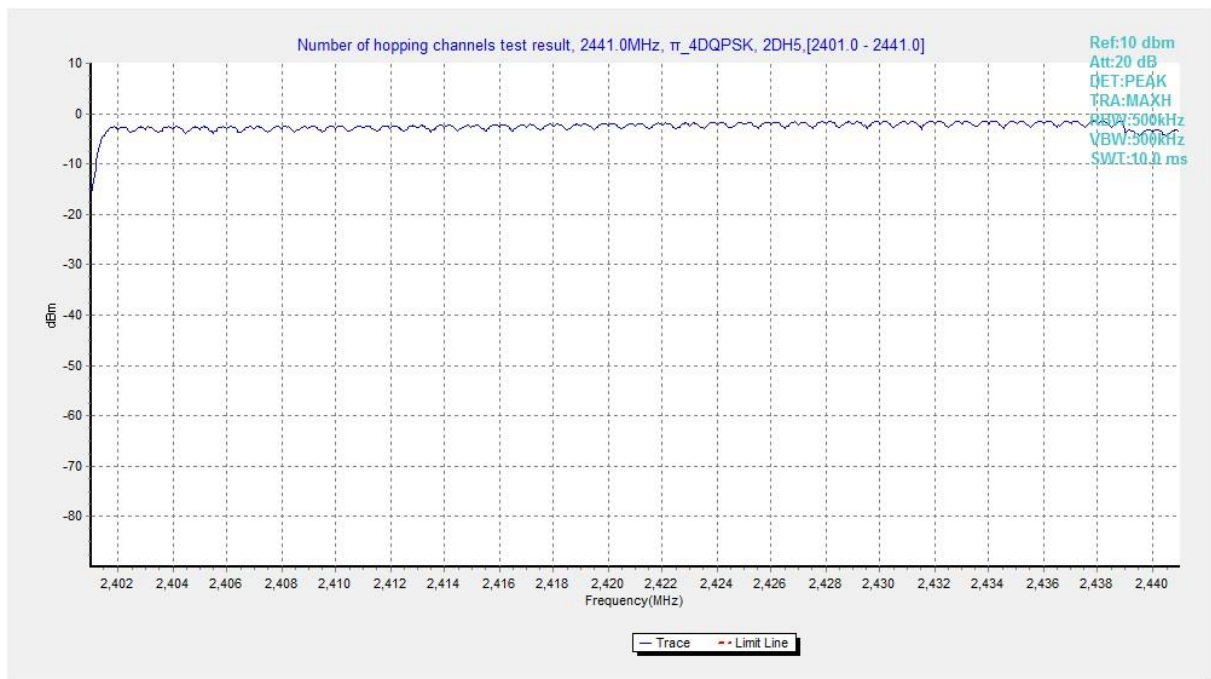


Fig. 116 Hopping channel ch0~39 ($\pi/4$ DQPSK, Ch39)

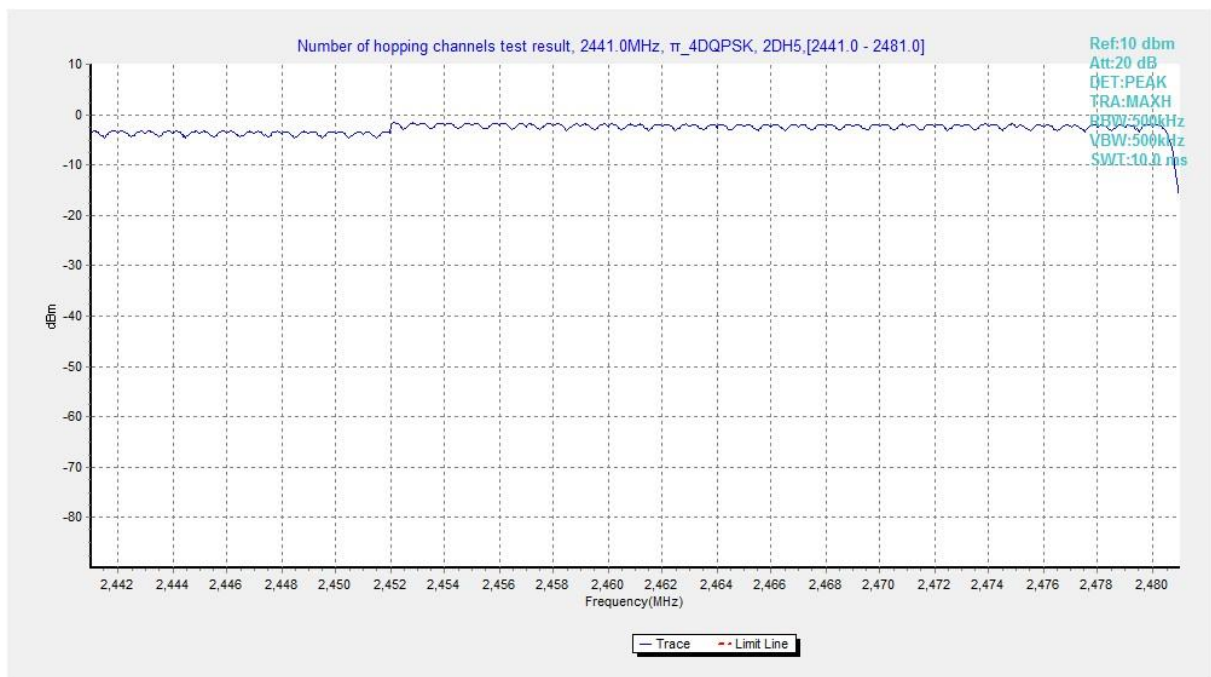


Fig. 117 Hopping channel ch39~78 ($\pi/4$ DQPSK, Ch39)

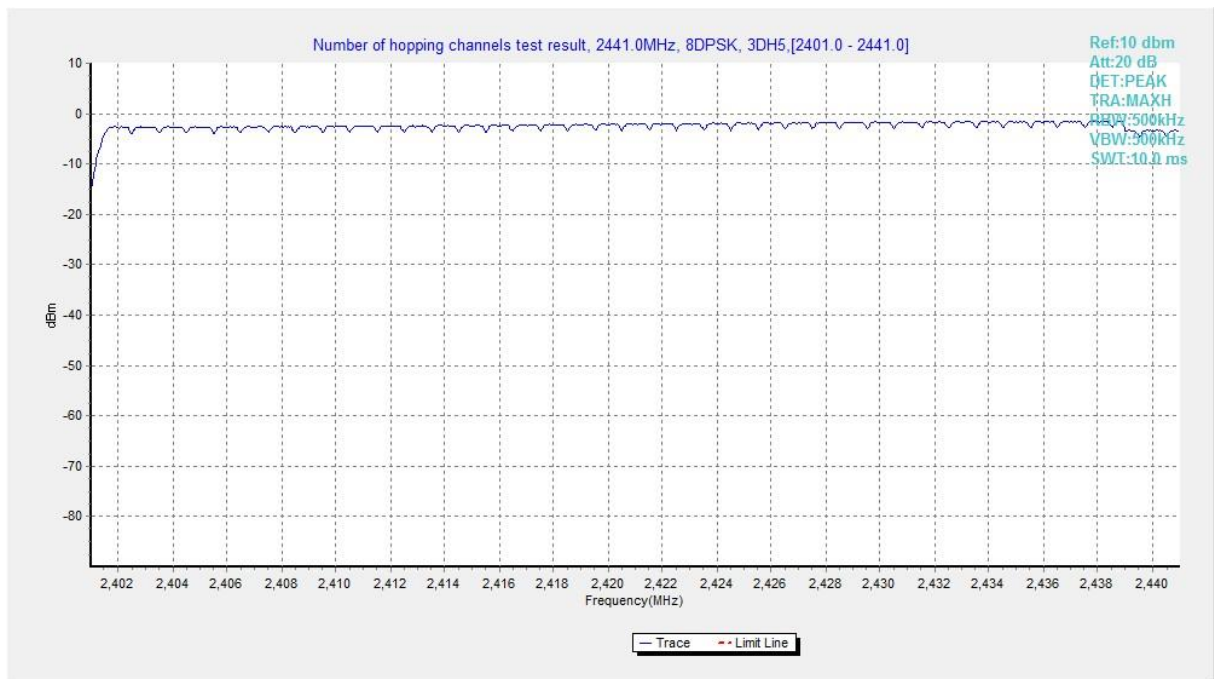


Fig. 118 Hopping channel ch0~39 (8DPSK, Ch39)

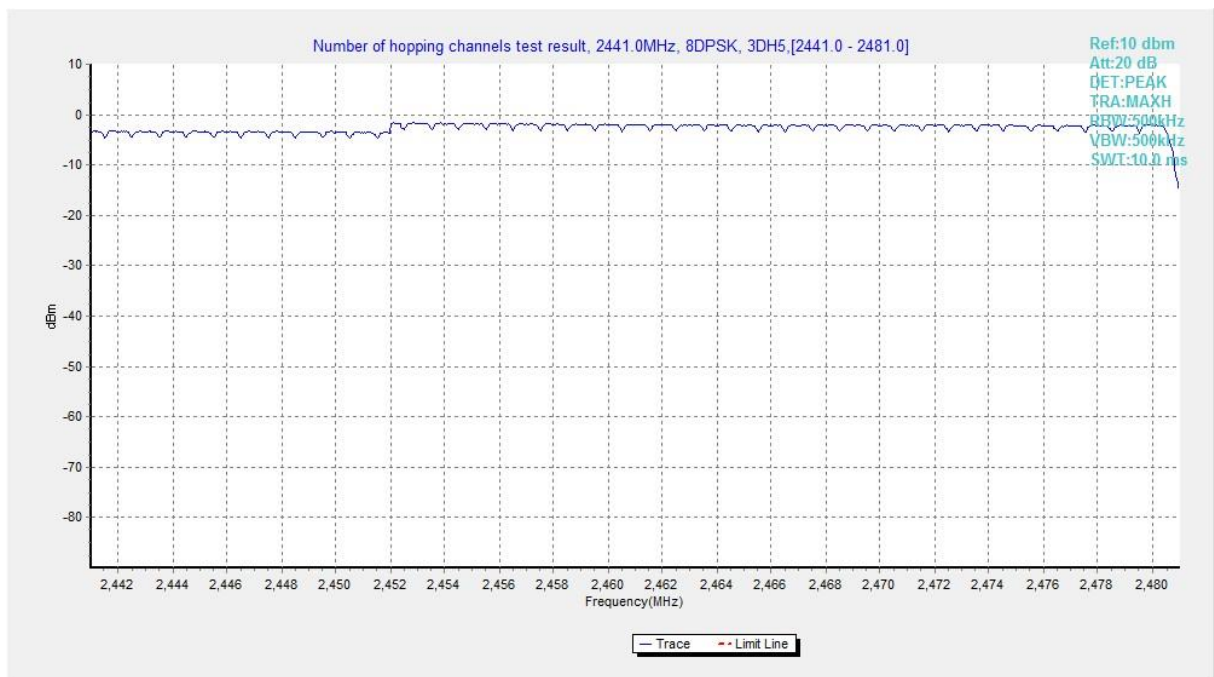


Fig. 119 Hopping channel ch39~78 (8DPSK, Ch39)

A.8 Carrier Frequency Separation

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247(a)	By a minimum of 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater

Measurement Results:

Mode	Channel	Packet	Separation of hopping channels	Test result (KHz)	Conclusion
GFSK	39	DH5	Fig.120	995.25	P
$\pi/4$ DQPSK	39	2-DH5	Fig.121	1002.75	P
8DPSK	39	3-DH5	Fig.122	1010.25	P

See below for test graphs.

Conclusion: Pass

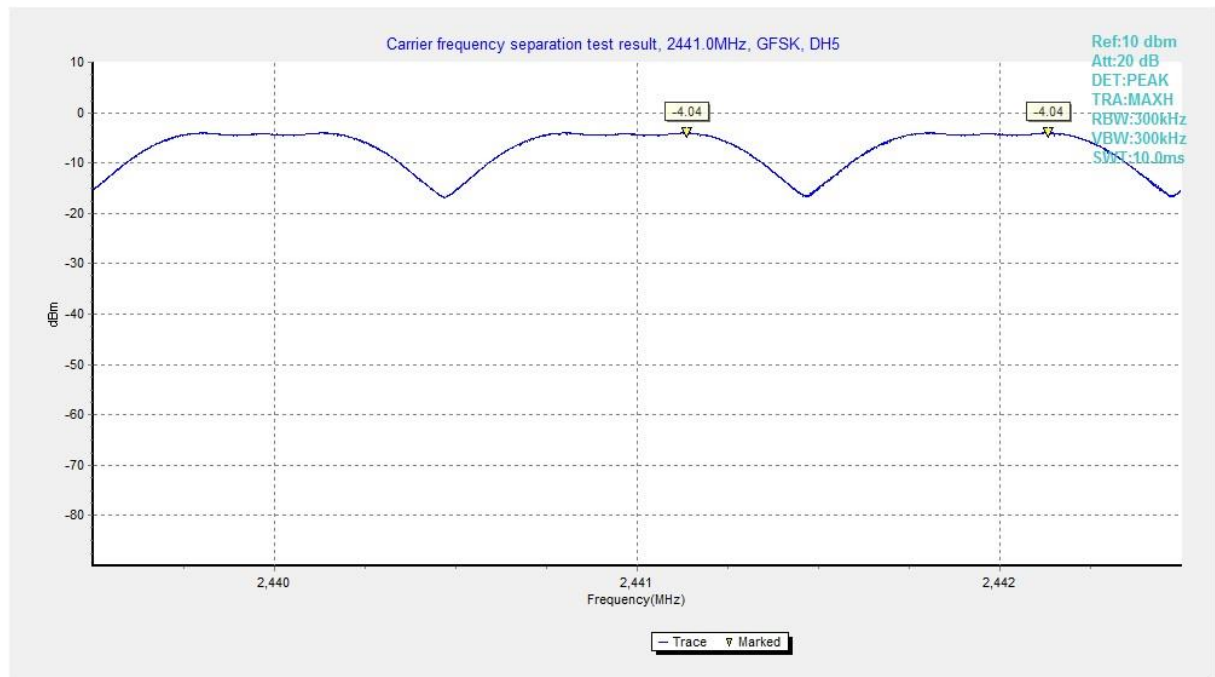


Fig. 120 Carrier Frequency Separation (GFSK, Ch39)

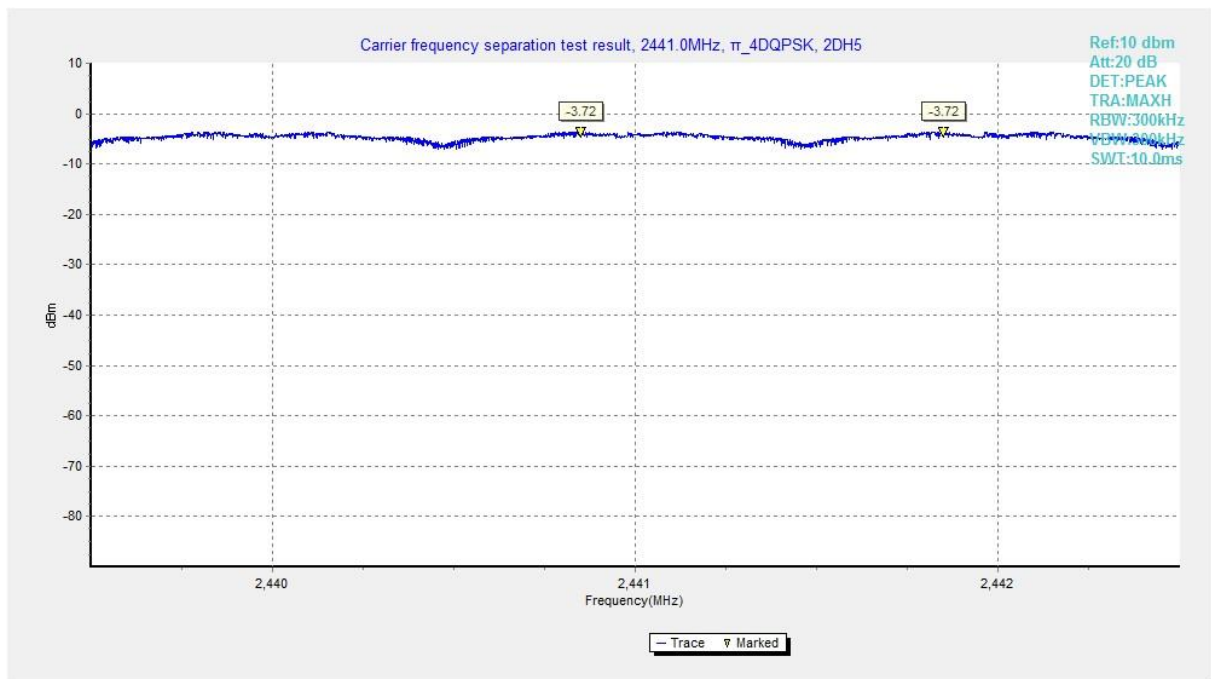


Fig. 121 Carrier Frequency Separation ($\pi/4$ DQPSK, Ch39)

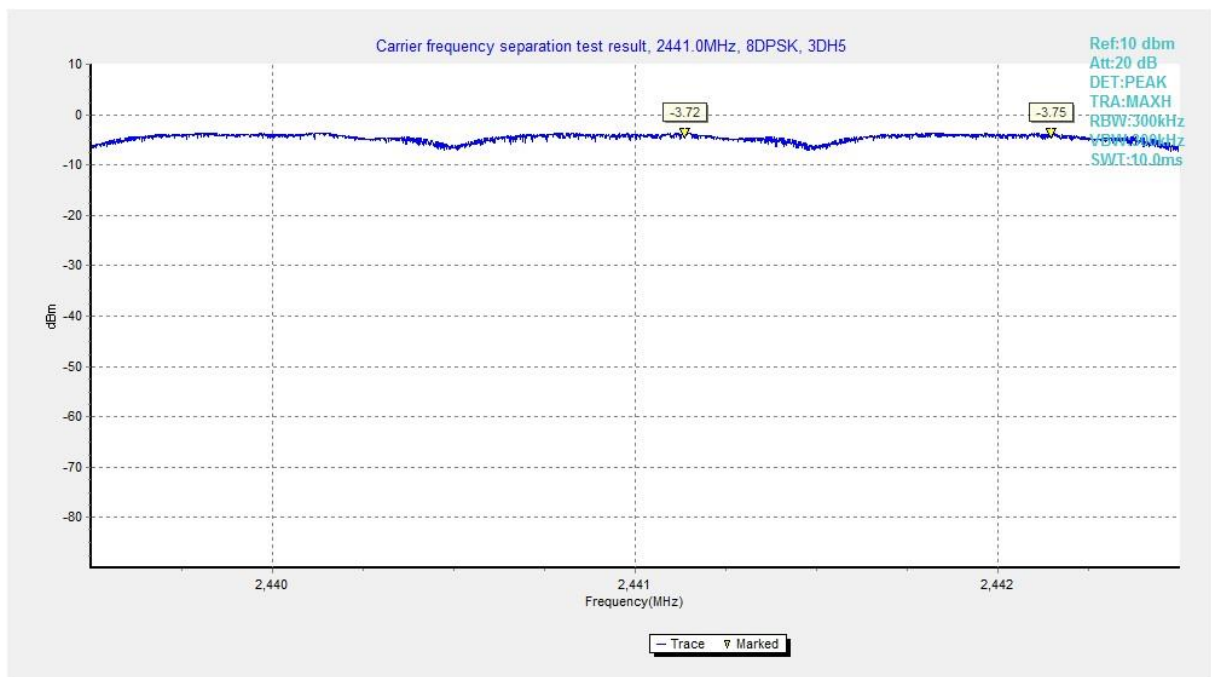


Fig. 122 Carrier Frequency Separation (8DPSK, Ch39)

END OF REPORT