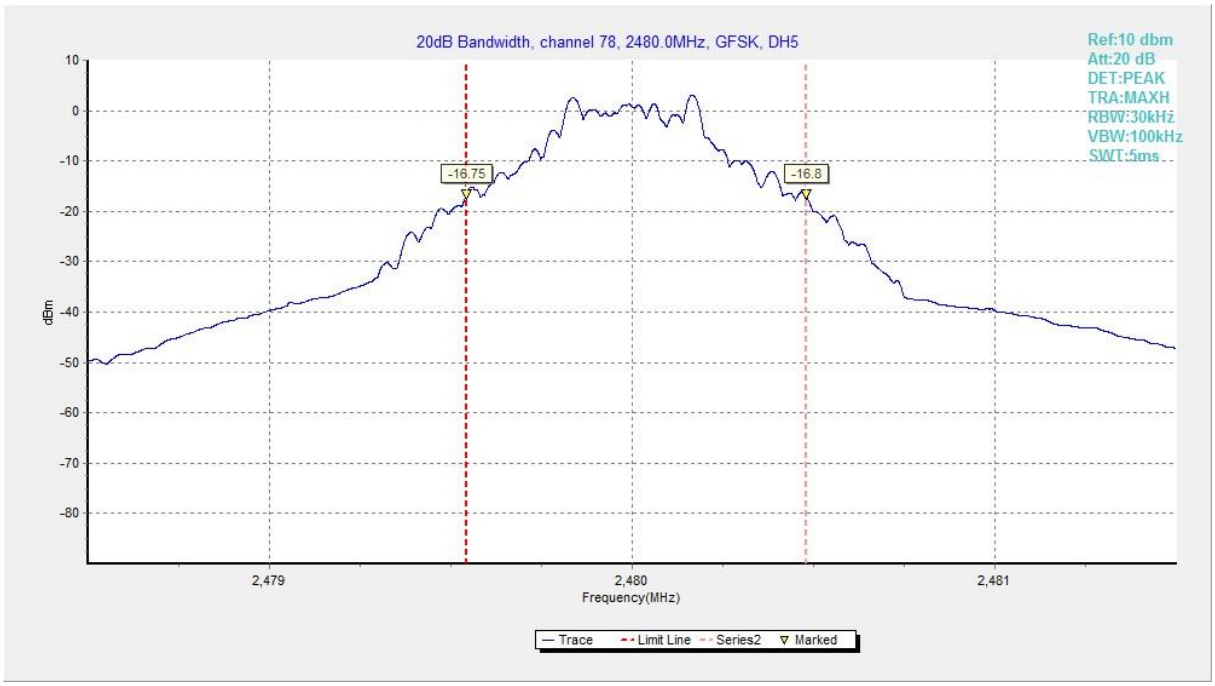

Fig. 62 20dB Bandwidth (GFSK, Ch 78)

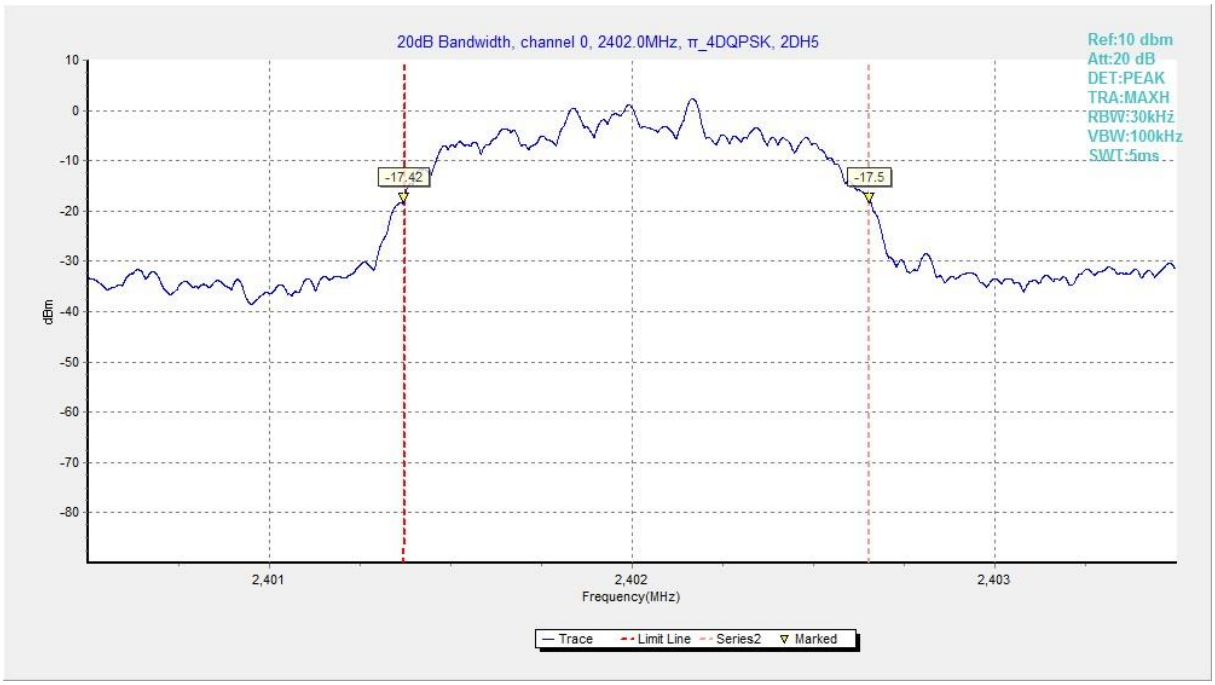

Fig. 63 20dB Bandwidth (π/4 DQPSK, Ch 0)

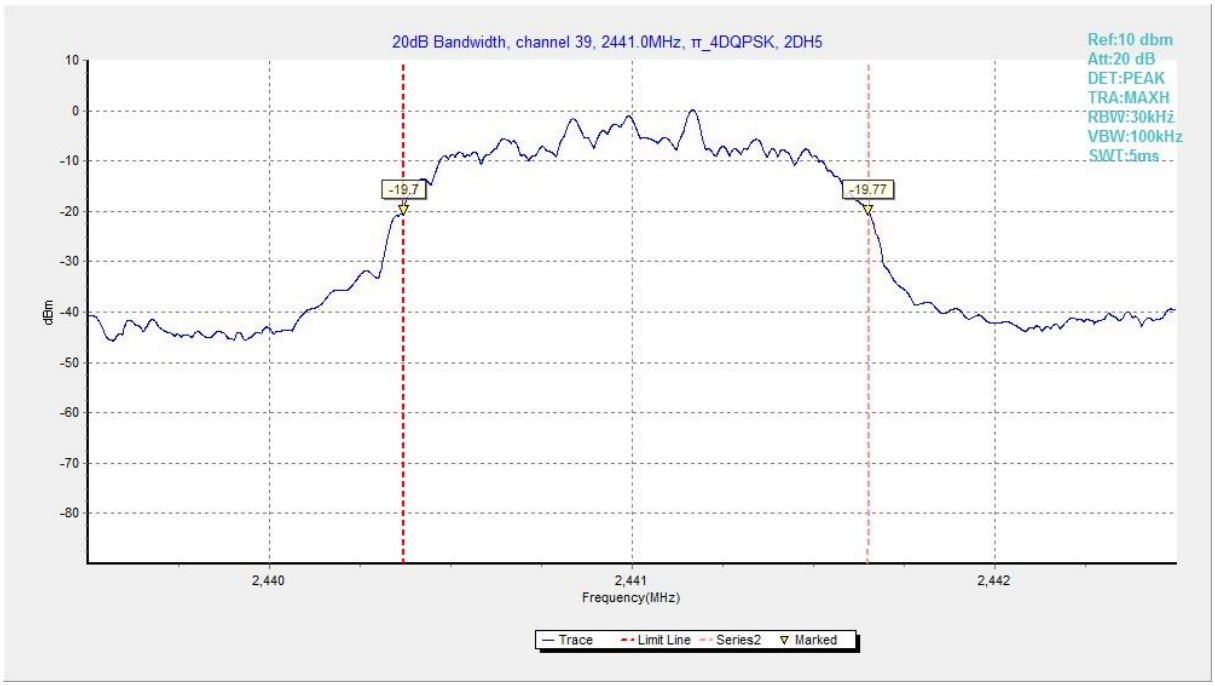

Fig. 64 20dB Bandwidth (π/4 DQPSK, Ch 39)

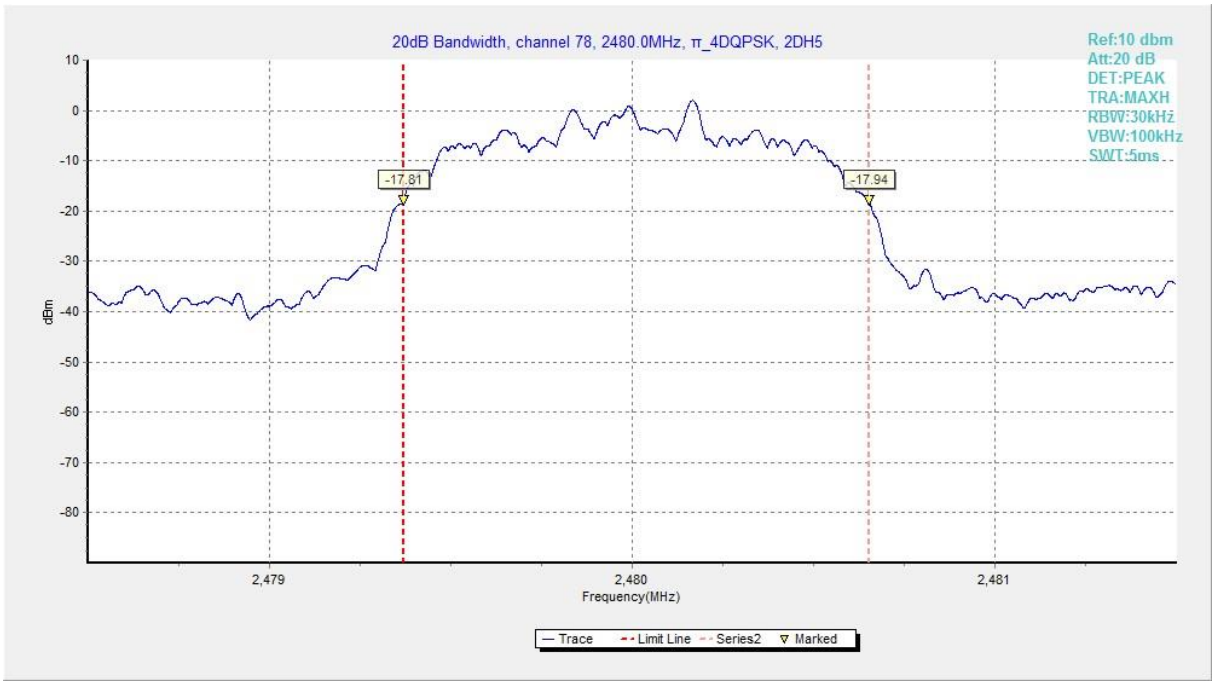

Fig. 65 20dB Bandwidth (π/4 DQPSK, Ch 78)

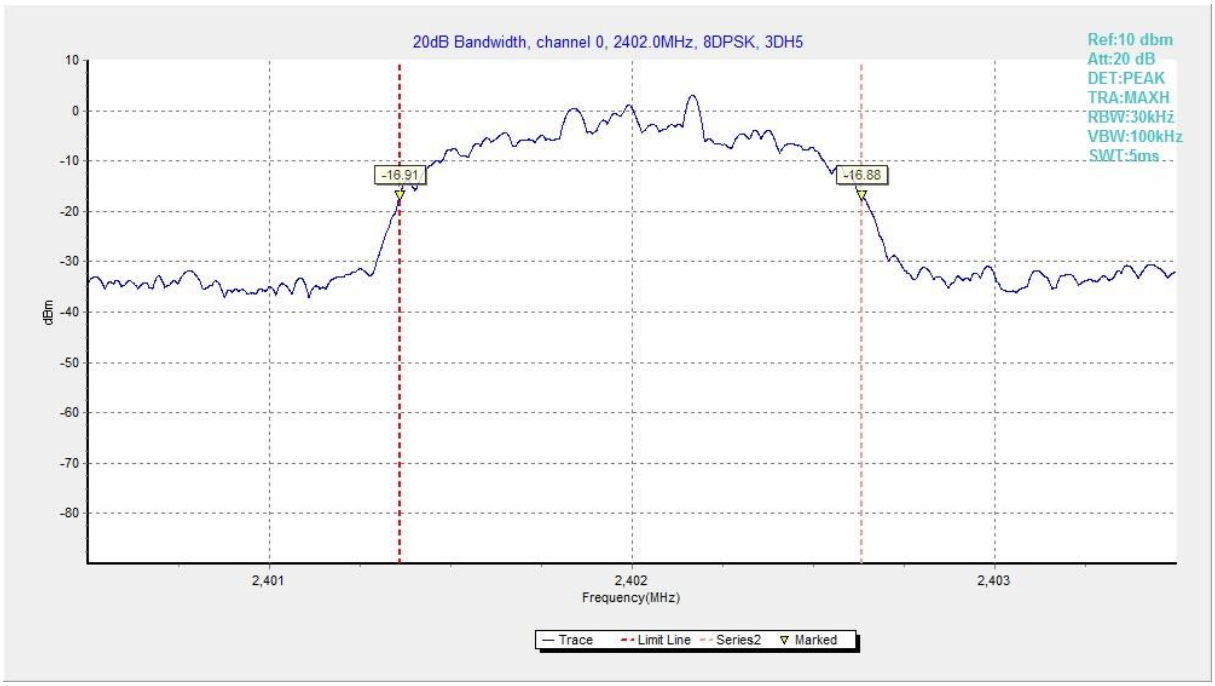

Fig. 66 20dB Bandwidth (8DPSK, Ch 0)

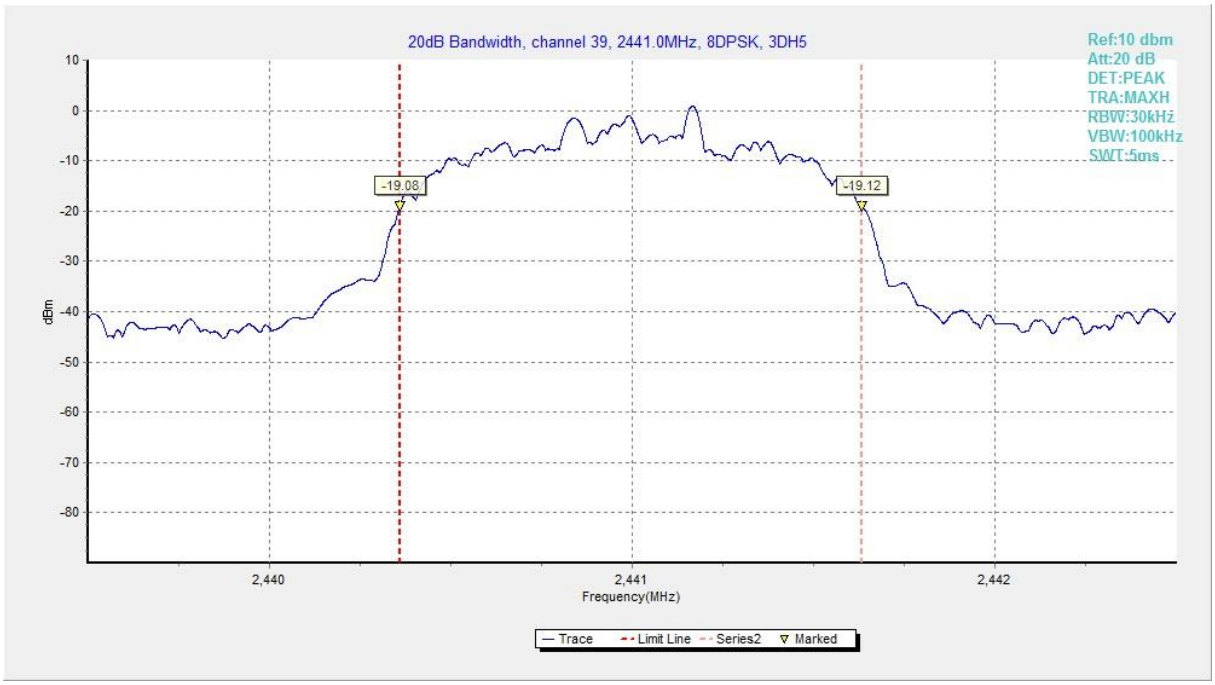

Fig. 67 20dB Bandwidth (8DPSK, Ch 39)

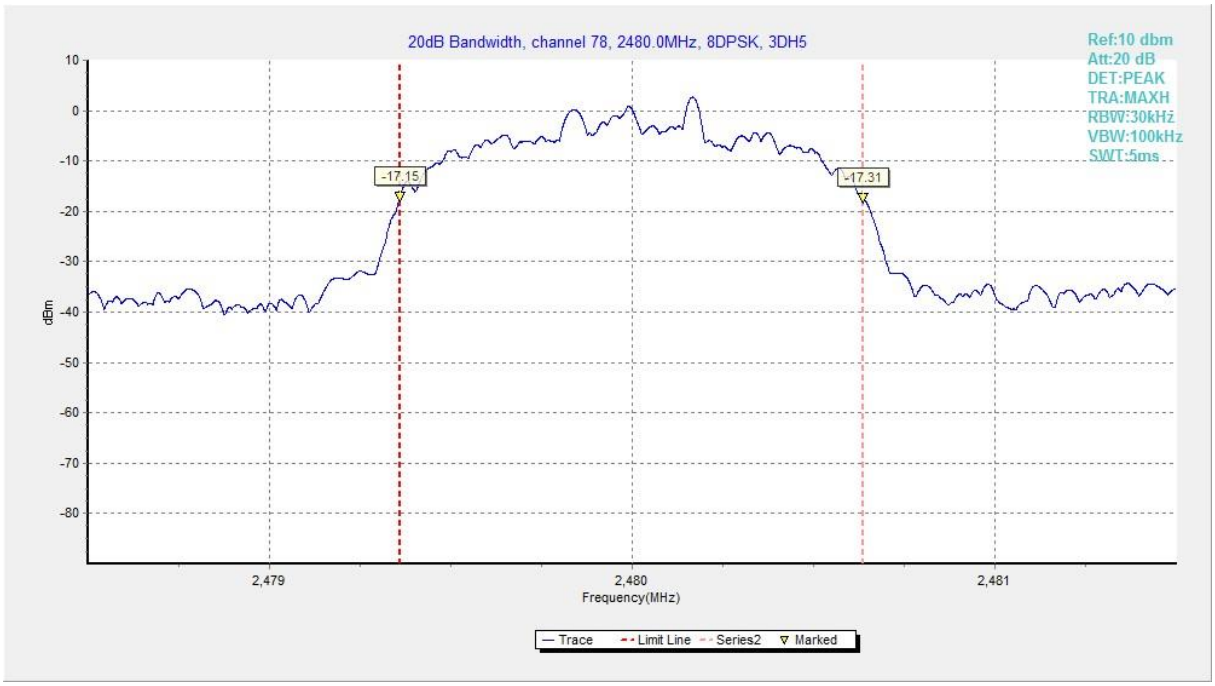

Fig. 68 20dB Bandwidth (8DPSK, Ch 78)

A.6 Time of Occupancy (Dwell Time)

Method of Measurement: See ANSI C63.10-clause 7.8.4.

Measurement Limit:

Standard	Limit (ms)
FCC 47 CFR Part 15.247(a)	< 400 ms

Measurement Results:

Mode	Channel	Packet	Dwell Time(ms)		Conclusion
GFSK	39	DH5	Fig.69	308.92	**P**
			Fig.70		
π/4 DQPSK	39	2-DH5	Fig.71	307.68	**P**
			Fig.72		
8DPSK	39	3-DH5	Fig.73	305.52	**P**
			Fig.74		

See below for test graphs.

Conclusion: Pass

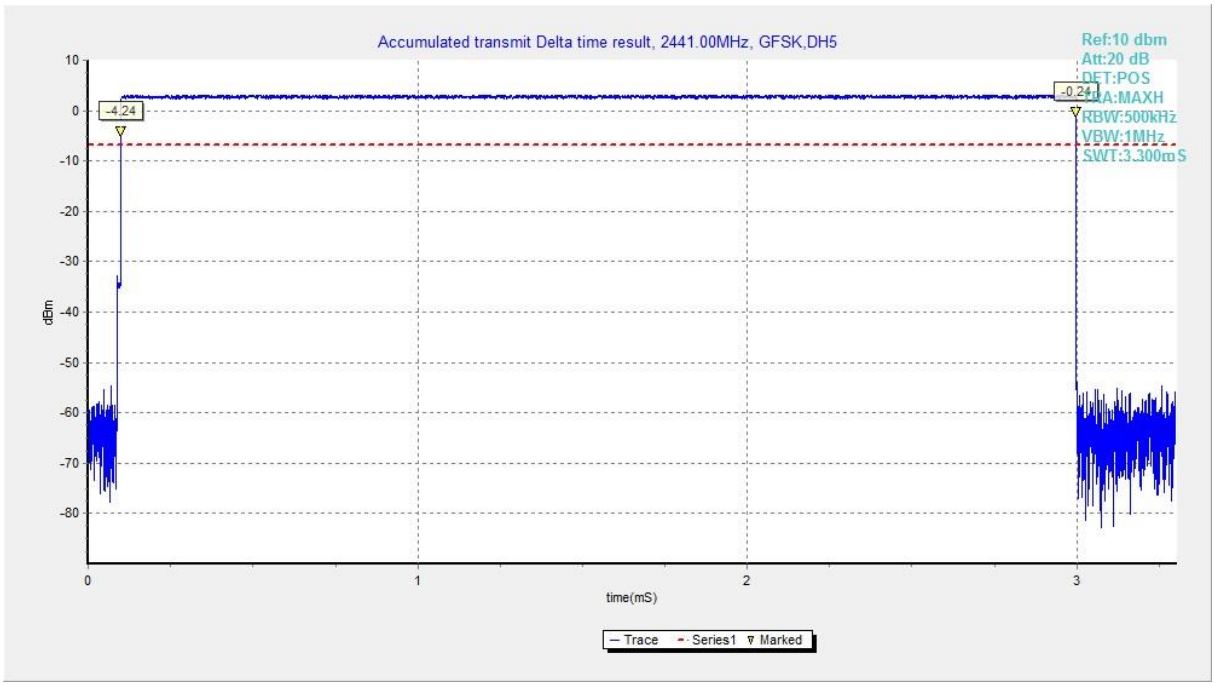

Fig. 69 Time of Occupancy(Dwell Time) (GFSK, Ch39)

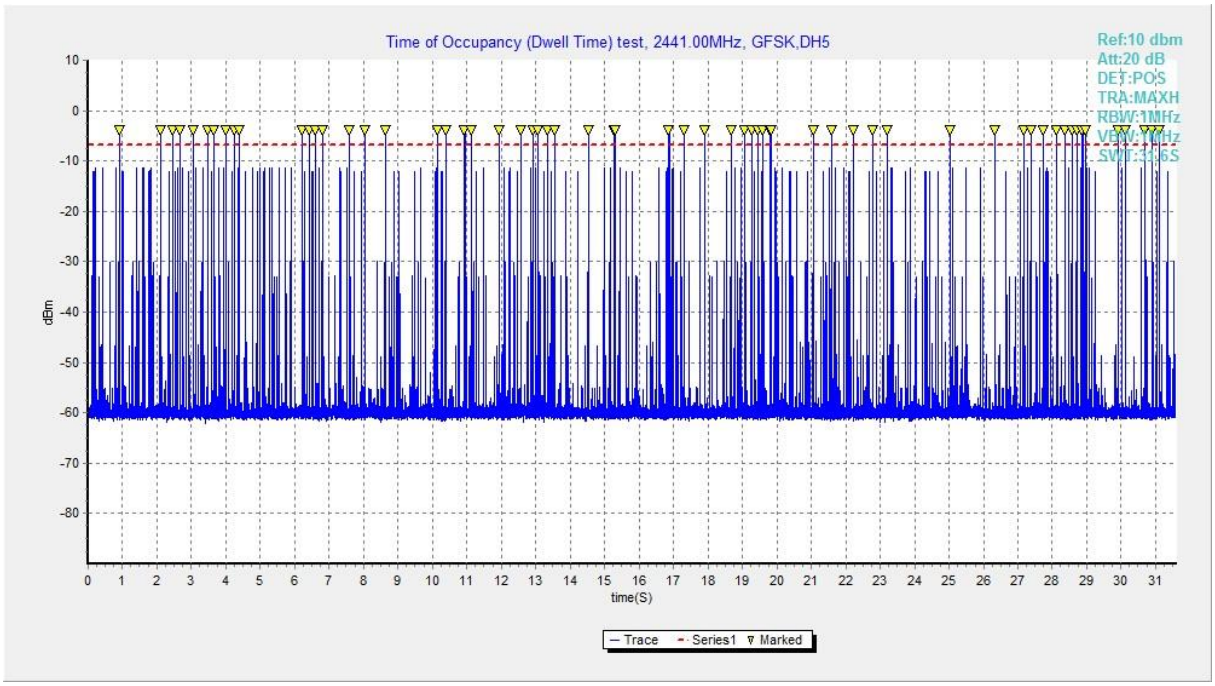

Fig. 70 Time of Occupancy(Dwell Time) (GFSK, Ch39)

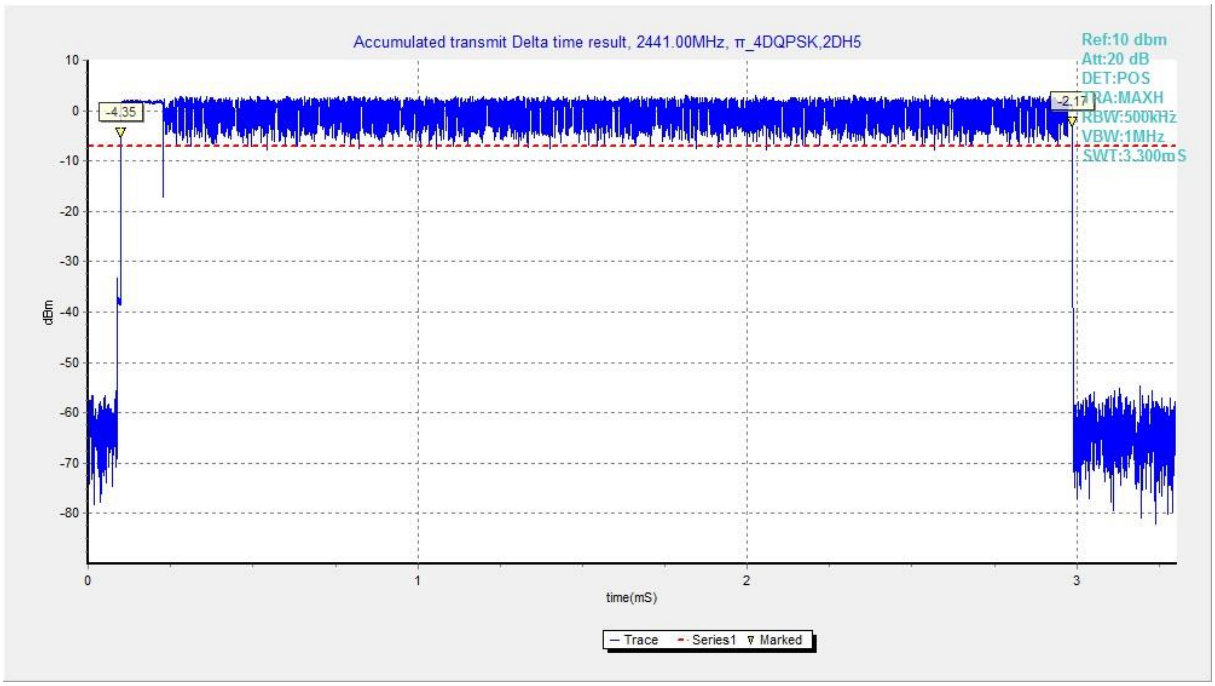

Fig. 71 Time of Occupancy(Dwell Time) (π/4 DQPSK, Ch39)

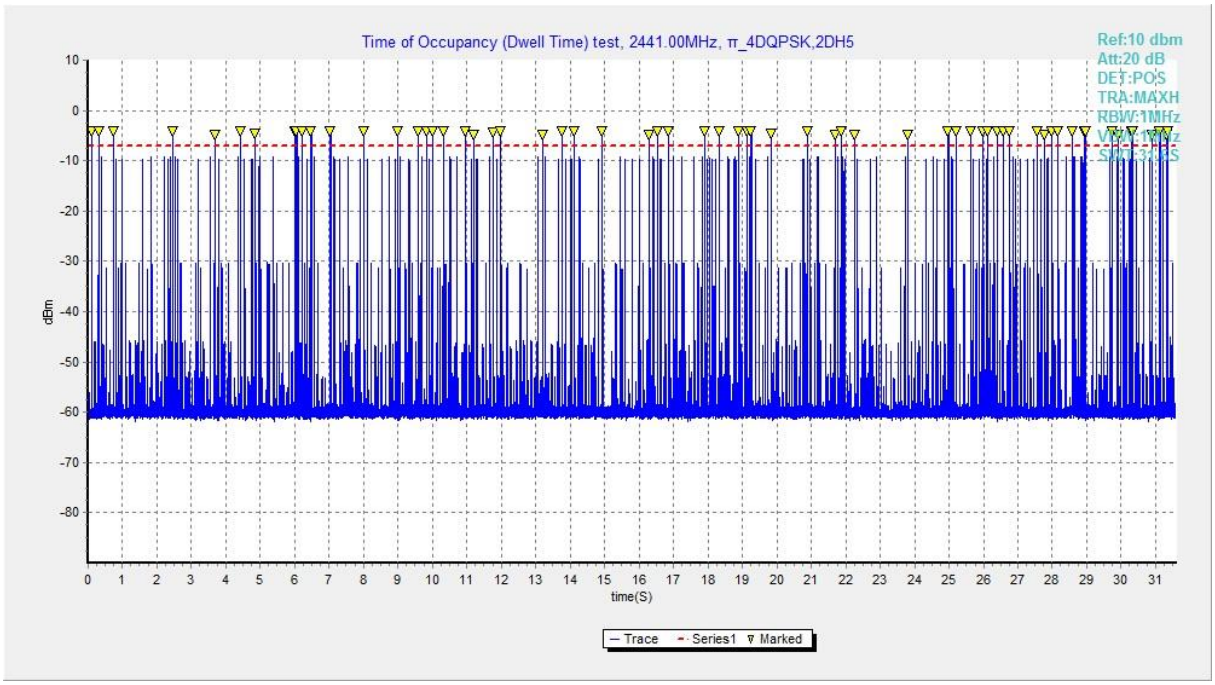

Fig. 72 Time of Occupancy(Dwell Time) (π/4 DQPSK, Ch39)

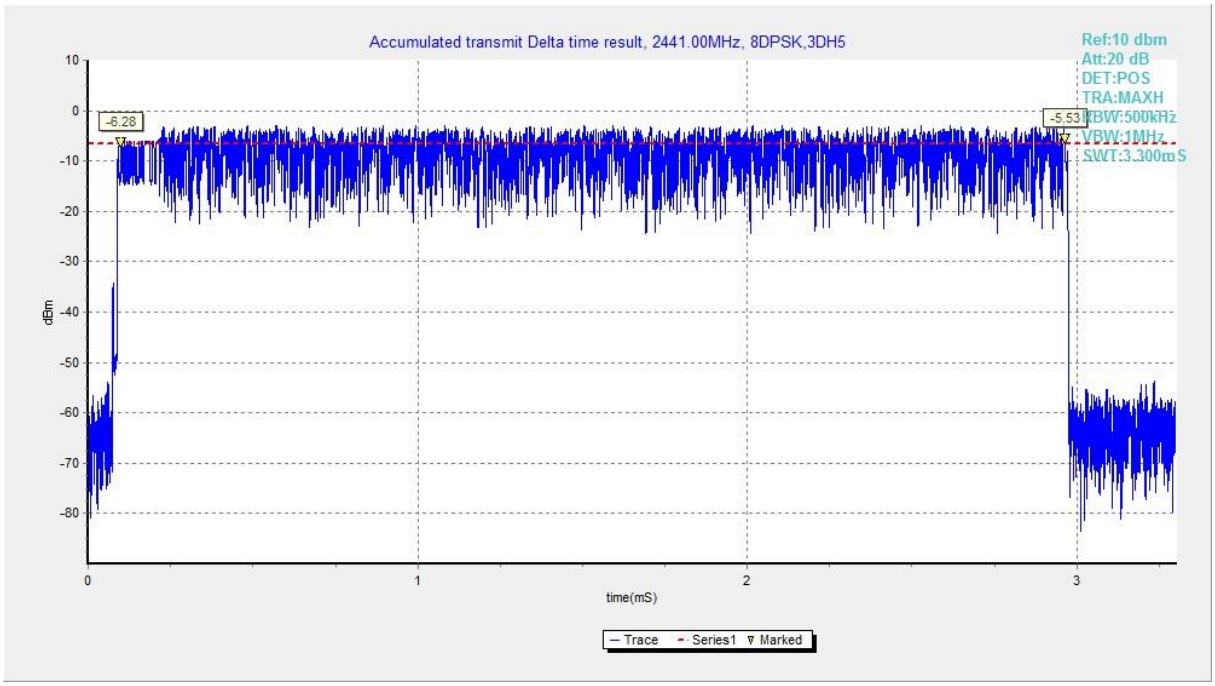

Fig. 73 Time of Occupancy(Dwell Time) (8DPSK, Ch39)

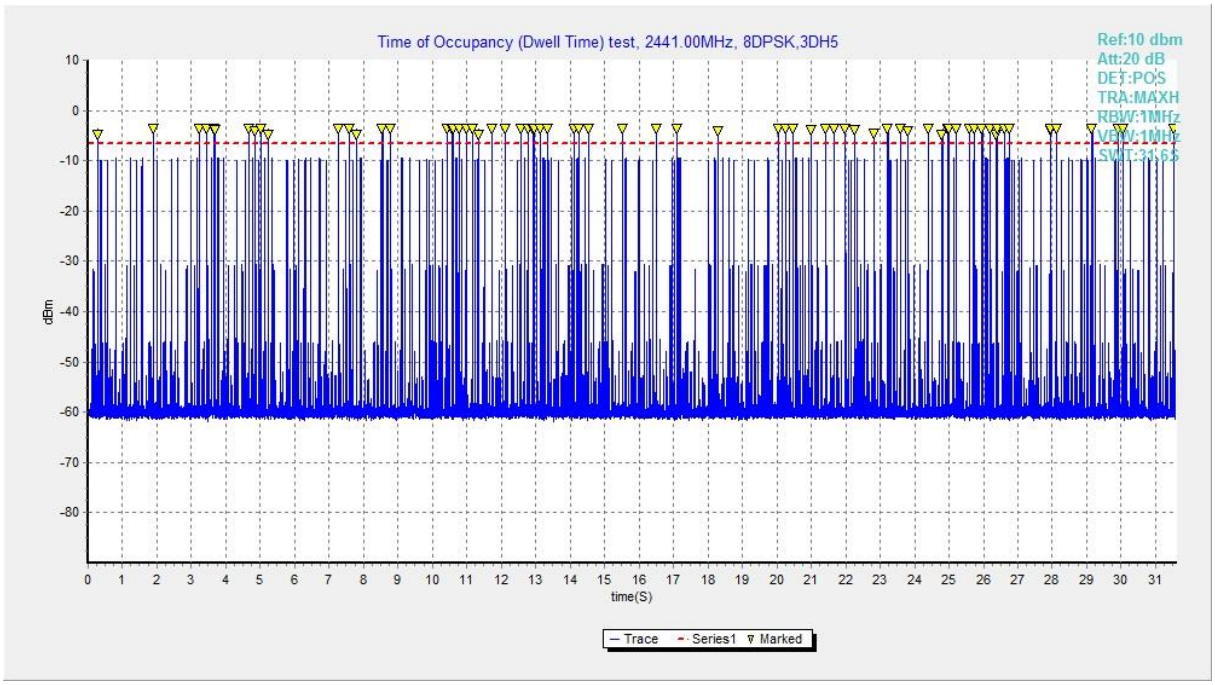

Fig. 74 Time of Occupancy(Dwell Time) (8DPSK, Ch39)

A.7 Number of Hopping Channels

Method of Measurement: See ANSI C63.10-clause 7.8.3.

Measurement Limit:

Standard	Limit (Num)
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.75	Fig.76	79	**P**
π/4 DQPSK	2-DH5	Fig.77	Fig.78	79	**P**
8DPSK	3-DH5	Fig.79	Fig.80	79	**P**

See below for test graphs.

Conclusion: Pass

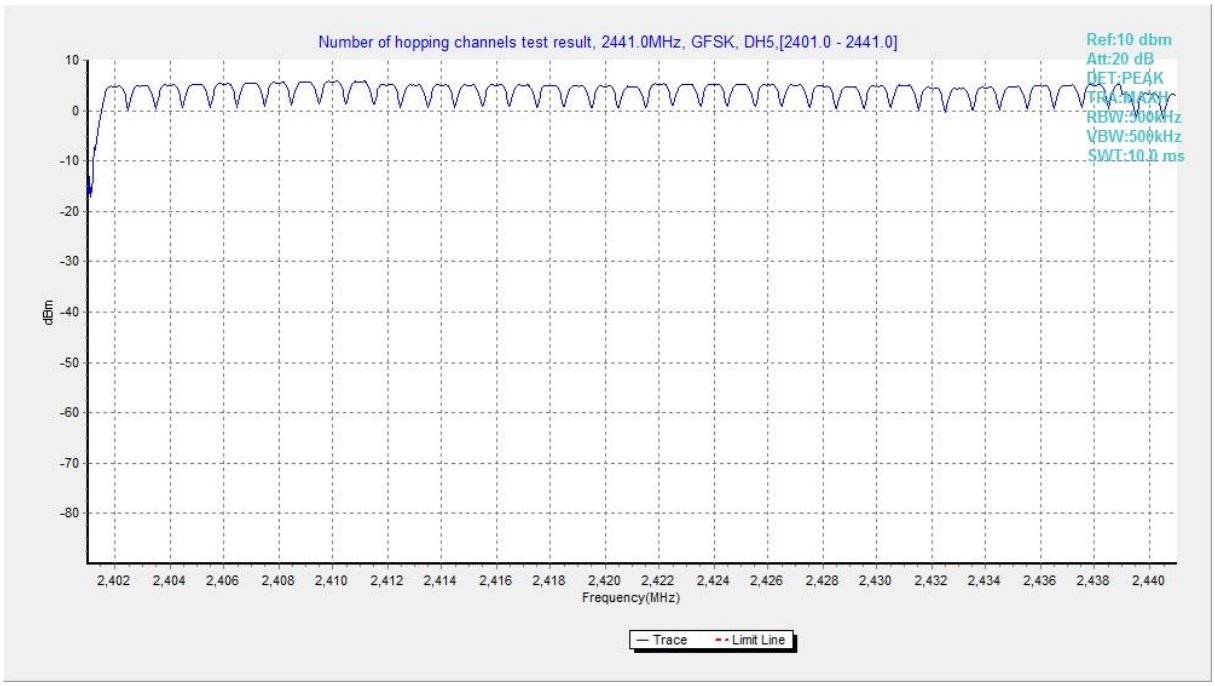

Fig. 75 Hopping channel ch0~39 (GFSK, Ch39)

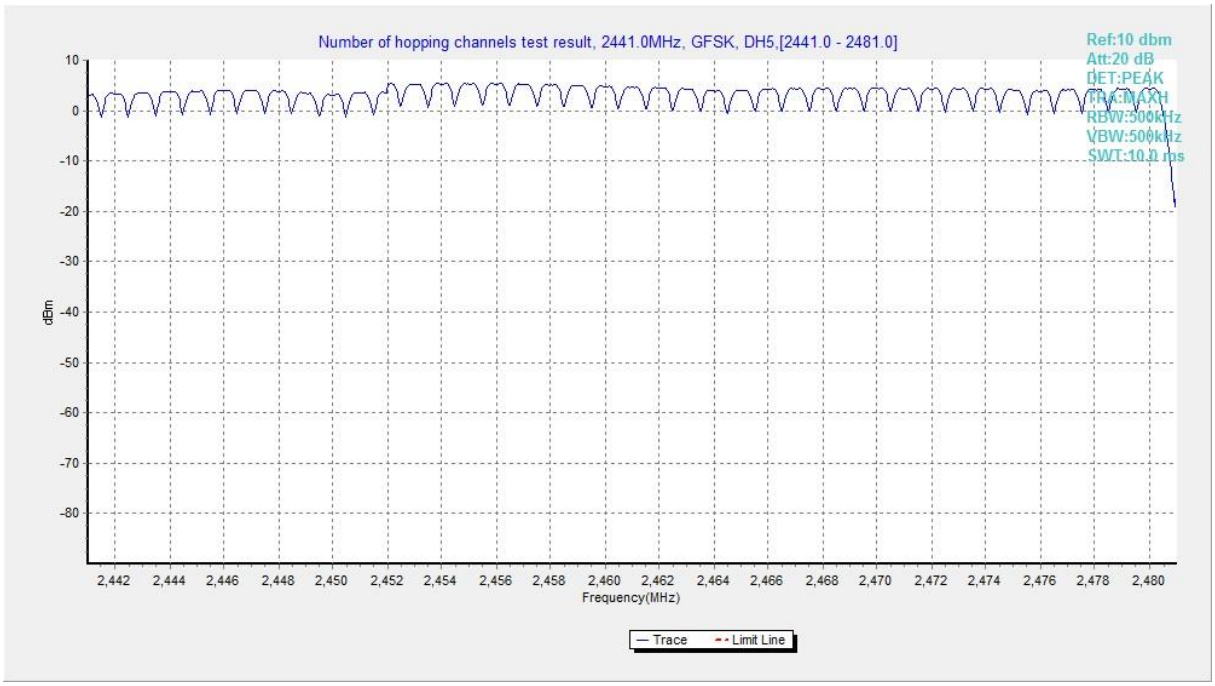

Fig. 76 Hopping channel ch39~78 (GFSK, Ch39)

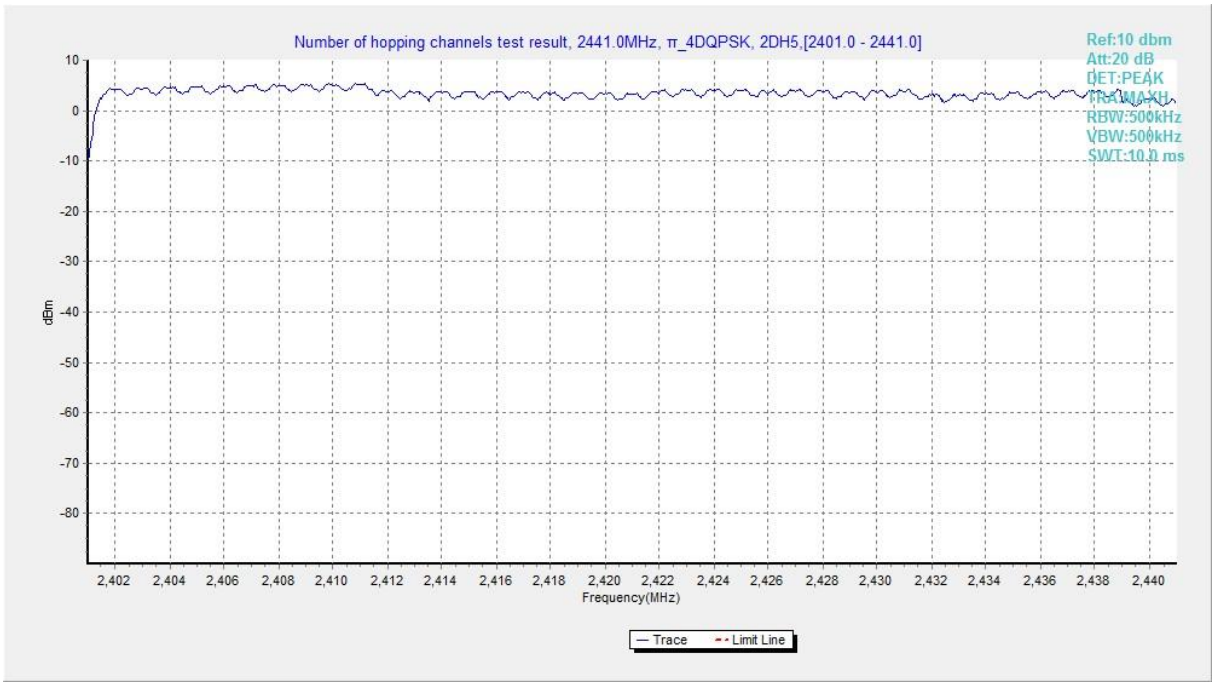

Fig. 77 Hopping channel ch0~39 (π/4 DQPSK, Ch39)

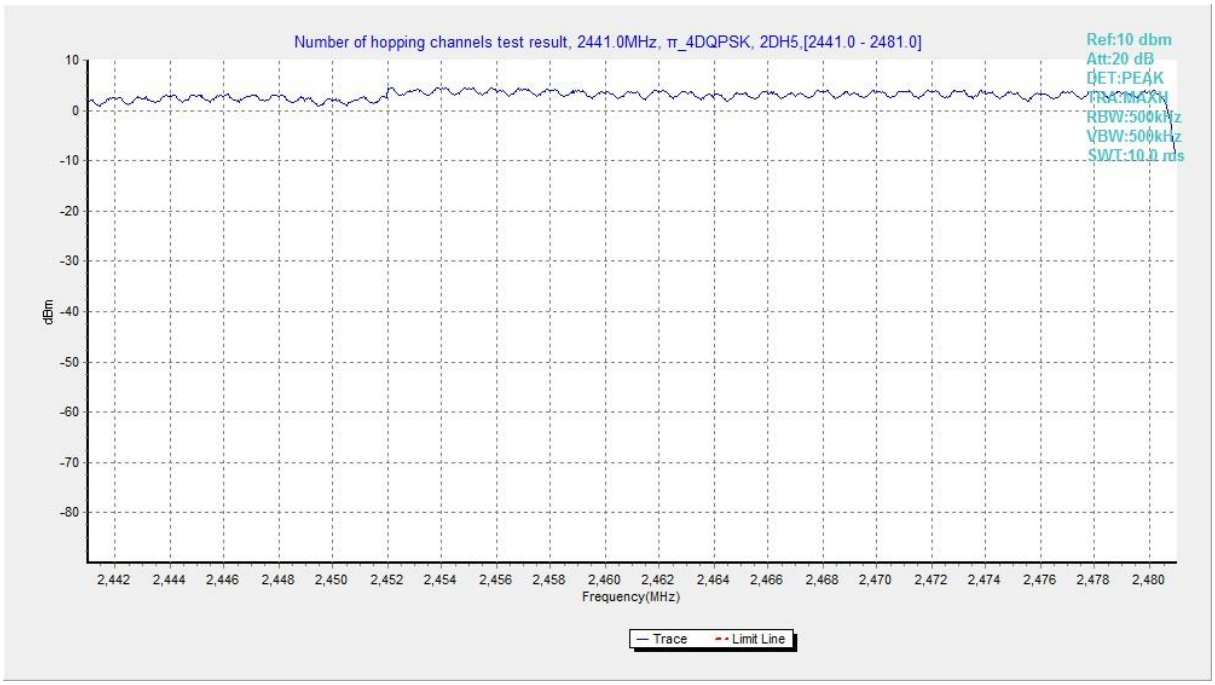

Fig. 78 Hopping channel ch39~78 (π/4 DQPSK, Ch39)

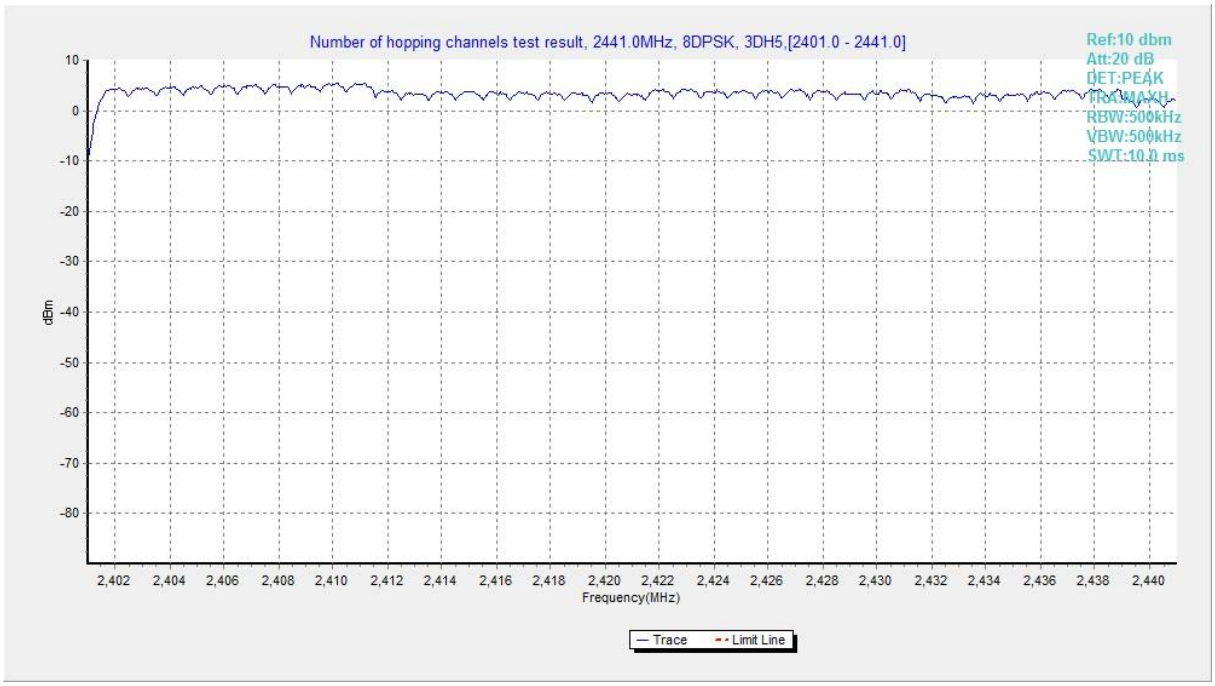

Fig. 79 Hopping channel ch0~39 (8DPSK, Ch39)

Fig. 80 Hopping channel ch39~78 (8DPSK, Ch39)

A.8 Carrier Frequency Separation

Method of Measurement: See ANSI C63.10-clause 7.8.2.

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.81	998.25	**P**
π/4 DQPSK	39	2-DH5	Fig.82	1010.25	**P**
8DPSK	39	3-DH5	Fig.83	1005.00	**P**

See below for test graphs.

Conclusion: Pass

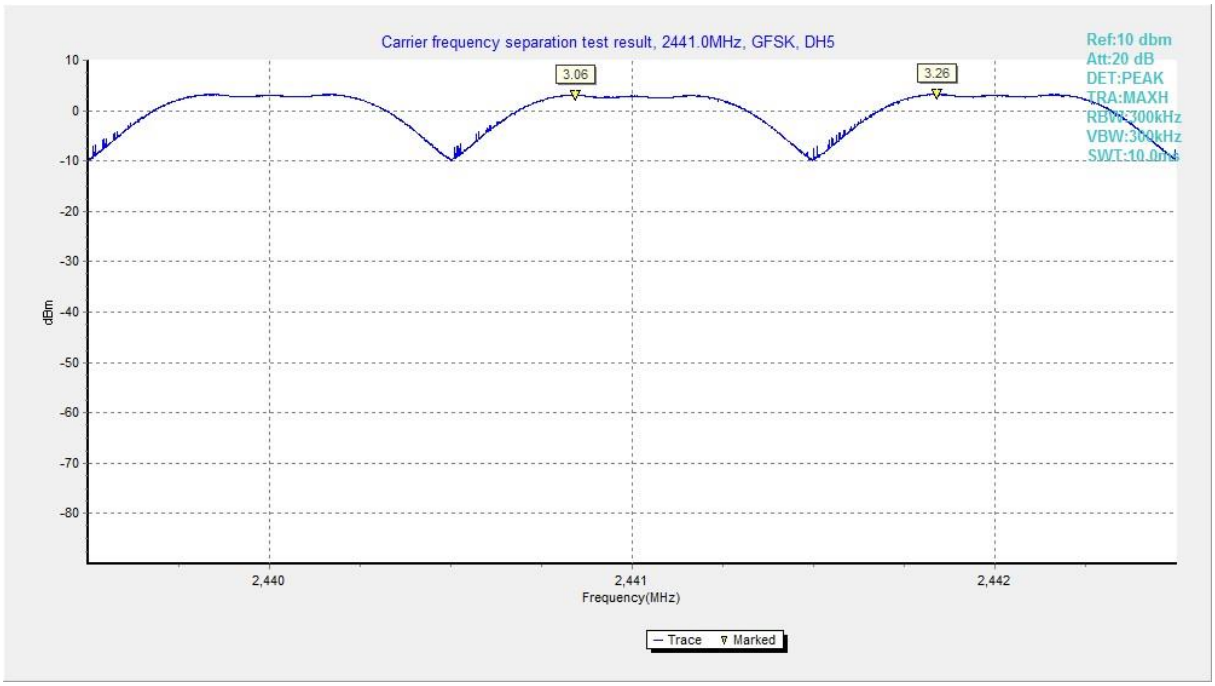

Fig. 81 Carrier Frequency Separation (GFSK, Ch39)

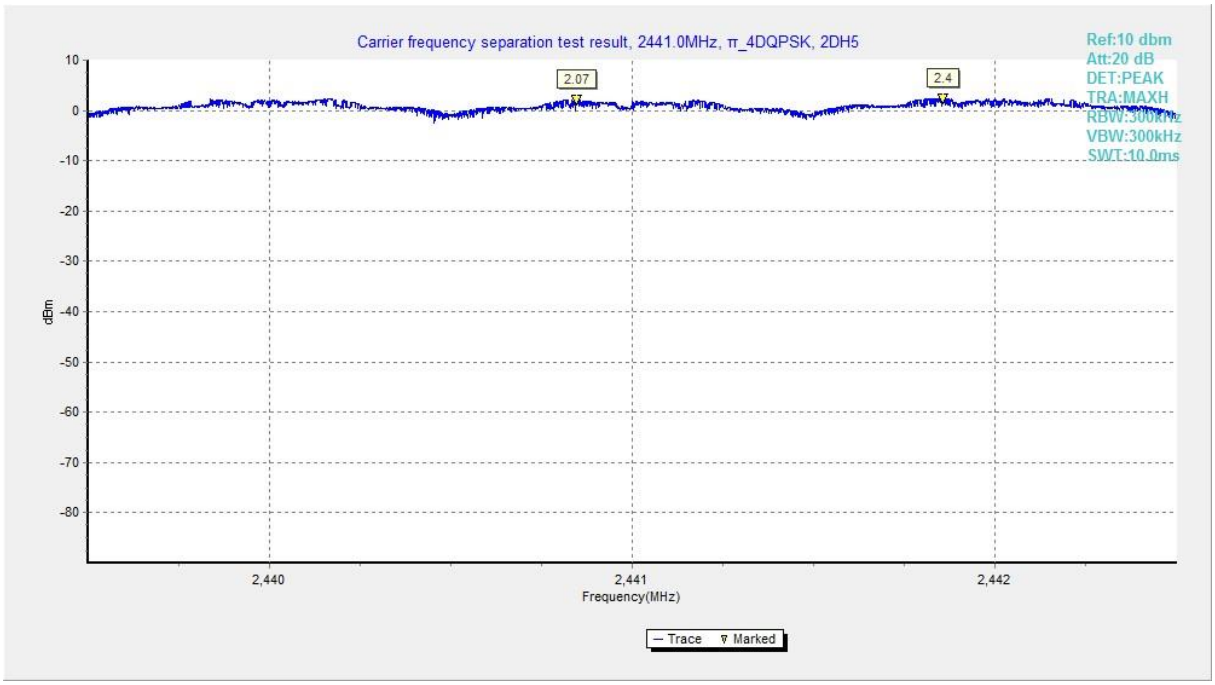

Fig. 82 Carrier Frequency Separation (π/4 DQPSK, Ch39)

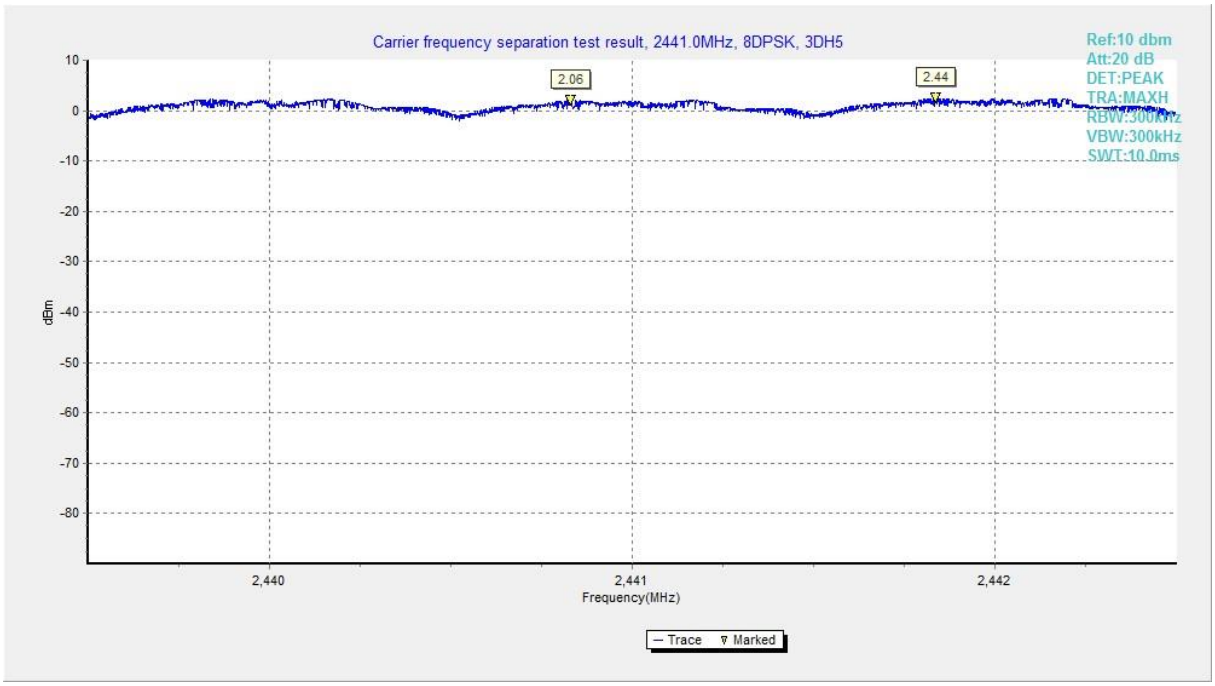

Fig. 83 Carrier Frequency Separation (8DPSK, Ch39)

A.9 AC Power line Conducted Emission

Method of Measurement: See ANSI C63.10-clause 6.2

Test Condition:

Voltage（V）	Frequency（Hz）
120	60

Measurement Result and limit:

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average-peak Limit (dBμV)	Result (dBμV)		Conclusion
			Traffic	Idle	
0.15 to 0.5	66 to 56	56 to 46	Fig.84	Fig.85	**P**
0.5 to 5	56	46			
5 to 30	60	50			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.					

Note: The measurement results include the L1 and N measurements.

See below for test graphs.
Conclusion: Pass

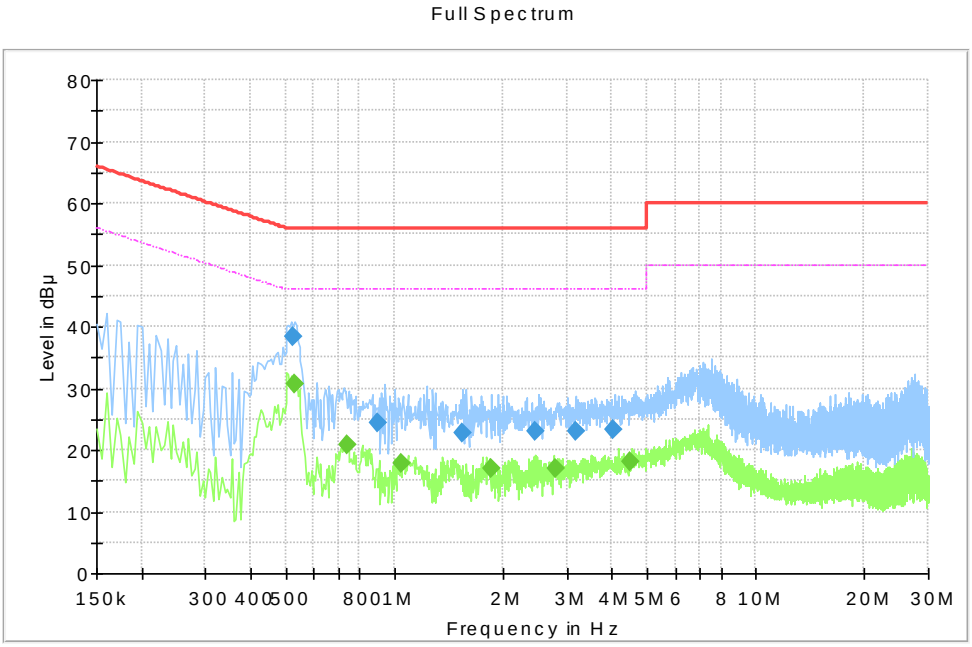

Fig. 84 AC Power line Conducted Emission (Traffic)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.525	38.45	56.00	17.55	L1	ON	9.6
0.895	24.40	56.00	31.60	N	ON	9.7
1.545	22.82	56.00	33.18	N	ON	9.7
2.455	23.11	56.00	32.89	L1	ON	9.7
3.180	23.14	56.00	32.86	L1	ON	9.7
4.035	23.23	56.00	32.77	L1	ON	9.7

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.530	30.79	46.00	15.21	L1	ON	9.6
0.740	20.89	46.00	25.11	L1	ON	9.6
1.050	17.68	46.00	28.32	L1	ON	9.7
1.845	17.11	46.00	28.89	L1	ON	9.7
2.800	16.91	46.00	29.09	L1	ON	9.7
4.500	18.20	46.00	27.80	L1	ON	9.7

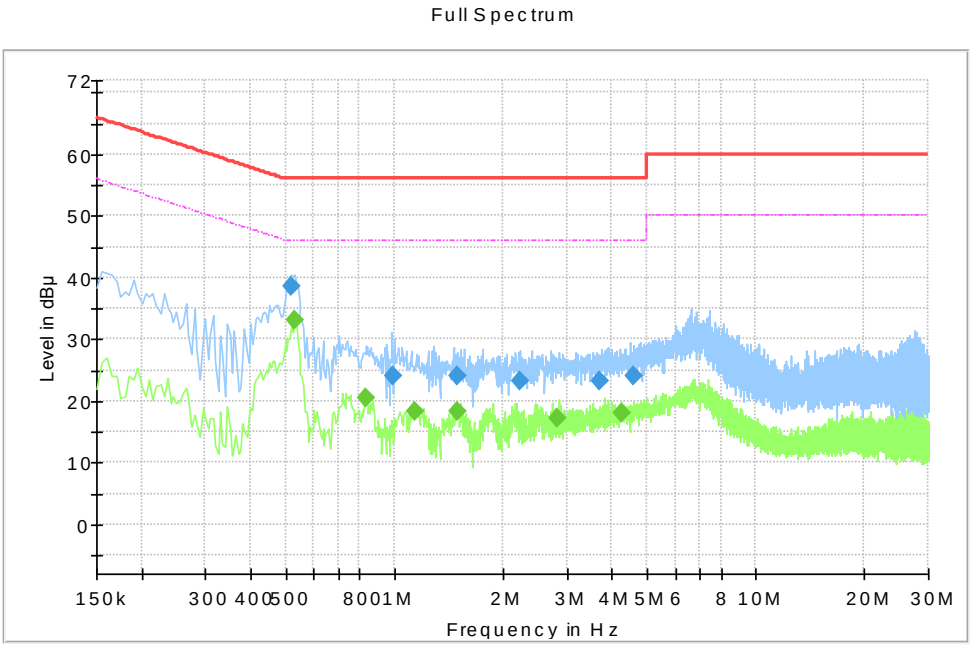

Fig. 85 AC Power line Conducted Emission (Idle)

Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.520	38.51	56.00	17.49	L1	ON	9.6
0.990	23.99	56.00	32.01	L1	ON	9.6
1.490	24.16	56.00	31.84	N	ON	9.7
2.215	23.10	56.00	32.90	L1	ON	9.7
3.705	23.29	56.00	32.71	L1	ON	9.7
4.580	24.04	56.00	31.96	L1	ON	9.7

Measurement Results: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.530	32.98	46.00	13.02	L1	ON	9.6
0.835	20.61	46.00	25.39	L1	ON	9.6
1.145	18.29	46.00	27.71	L1	ON	9.7
1.500	18.43	46.00	27.57	L1	ON	9.7
2.825	17.32	46.00	28.68	L1	ON	9.7
4.235	18.15	46.00	27.85	L1	ON	9.7

*****END OF REPORT*****

ANNEX- Spot Check of Output Power

Company Name: TCL Communication Ltd.
Product Name: MOVETIME FAMILY WATCH
Model Name: MT40A

Differences between models

MT40A(SC9820E chip) is changed to MT40A(SL8521E chip), the two chips only have different screen printing information, other no difference, and the two chips themselves have no change, also does not affect RF performance.

Spot Check of Different Mode

Model	Mode	Frequency (MHz)	Conducted Output Power（dBm）
MT40A (SC9820E chip)	LE 1M	2440(CH19)	-1.08
	EDR(8DPSK)	2402(CH0)	6.36
	802.11b	2412 (CH1)	14.35
MT40A (SL8521E chip)	LE 1M	2480(CH19)	-1.62
	EDR(8DPSK)	2402(CH0)	6.09
	802.11b	2462 (CH11)	10.69

Note: Spot check test data included for the variants based on worst-case results reported in the original.

From the above data, it can be concluded that the conducted output power of the variant is less than or near to the original. And the variant conducted test data can refer to the original report (***I19N01990***).

This condition applies to the reports ***I21N04009***.