Fig.67.　Number of Transmissions Measurement: Channel 39,Packet DH3
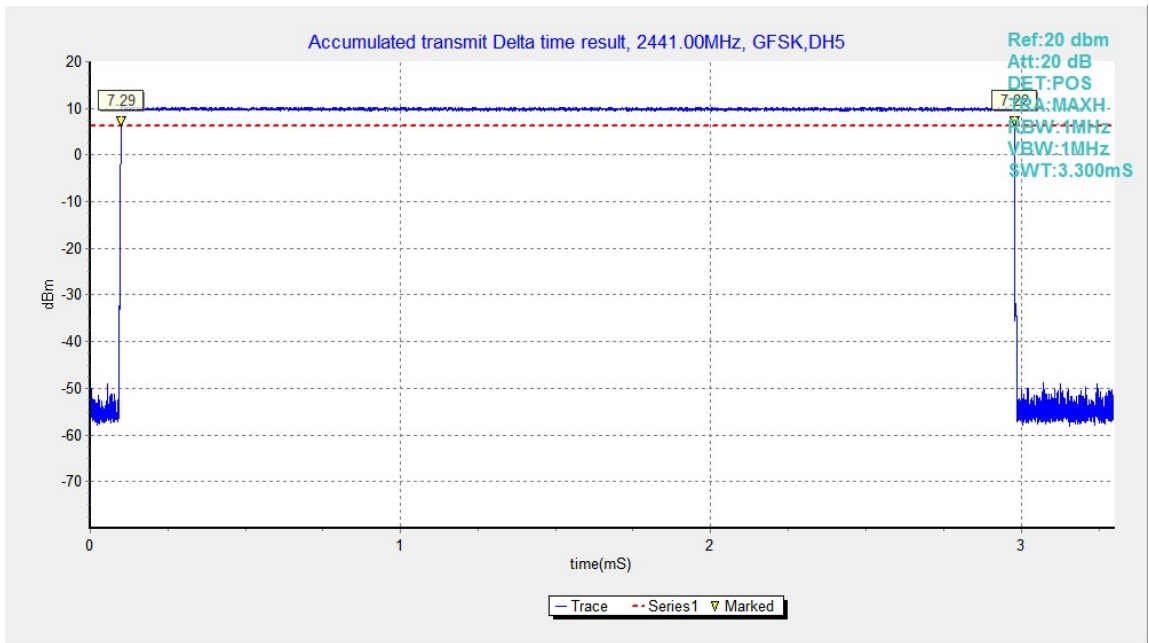

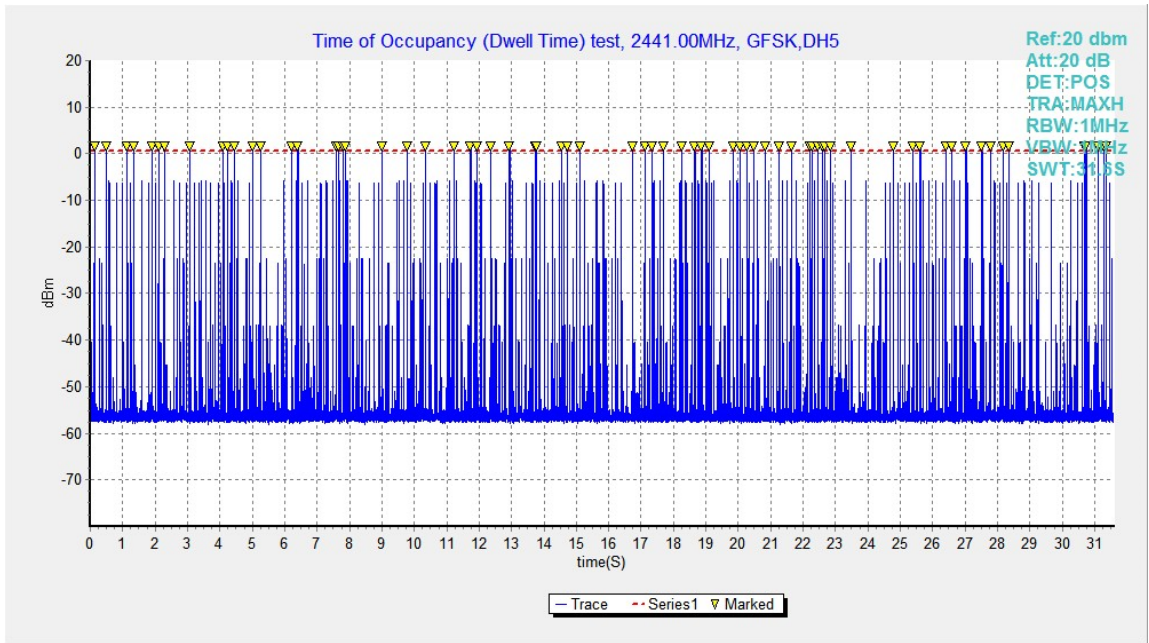Fig.68.　Time of occupancy (Dwell Time): Channel 39, Packet DH5

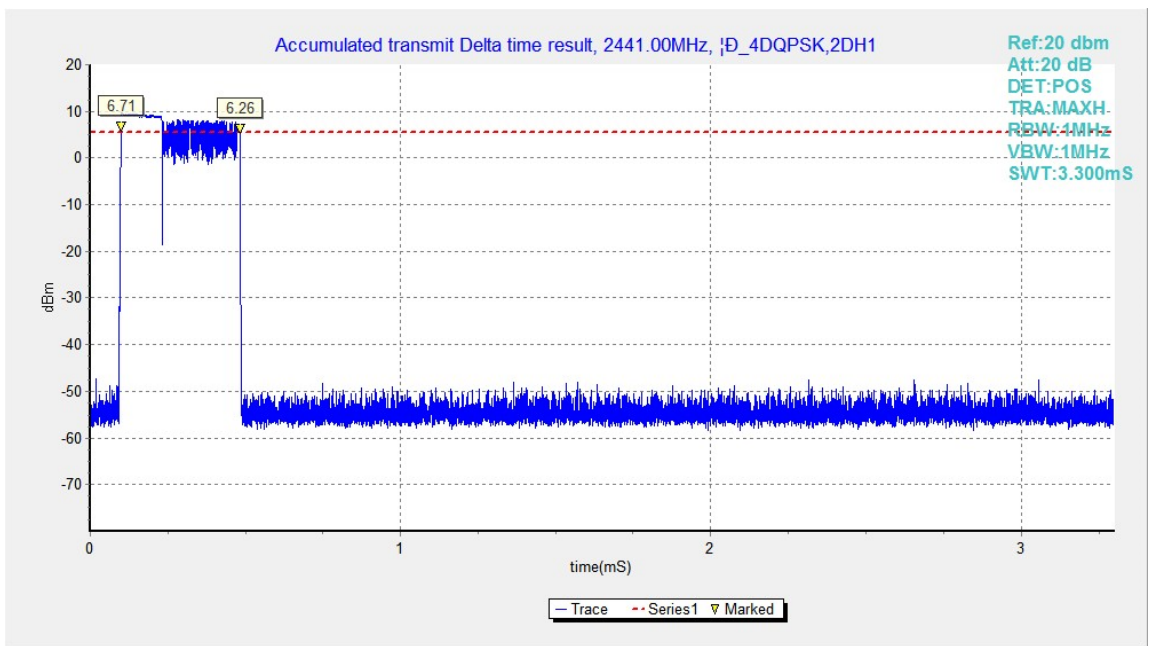Fig.69.　Number of Transmissions Measurement: Channel 39,Packet DH5

Fig.70.　Time of occupancy (Dwell Time): Channel 39, Packet 2-DH1
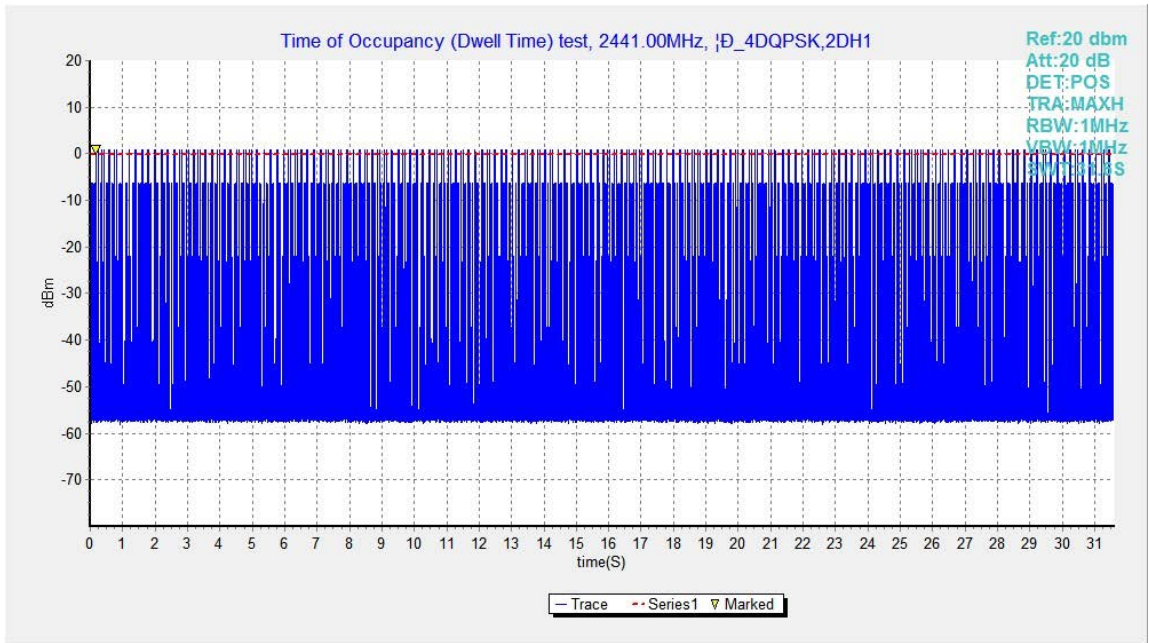
Fig.71. Number of Transmissions Measurement: Channel 39,Packet 2-DH1
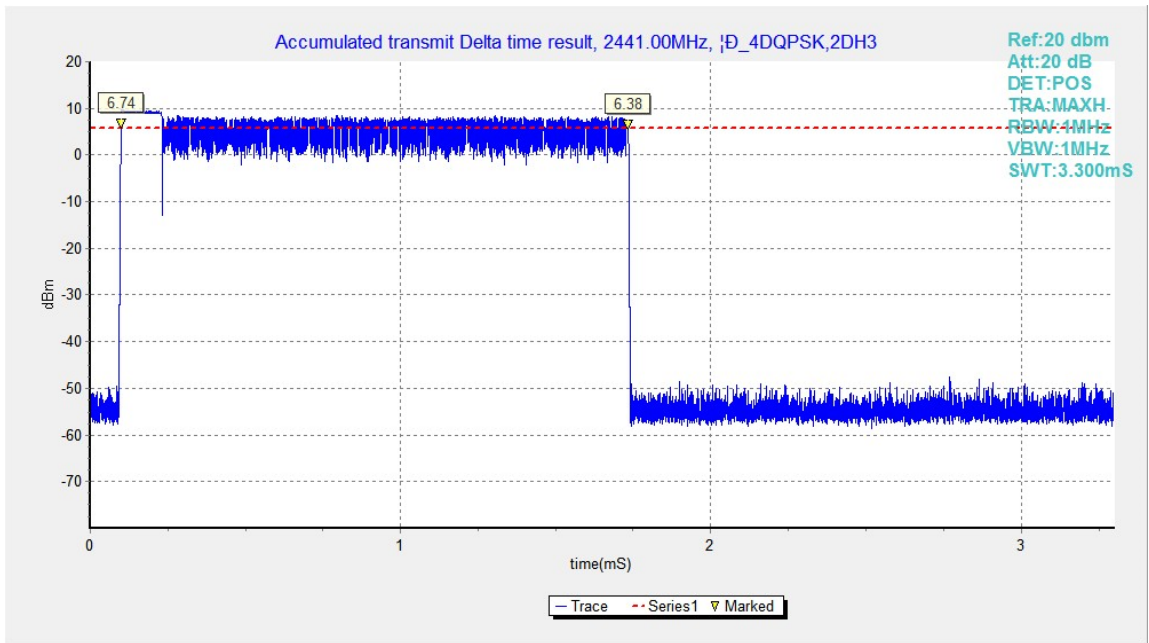

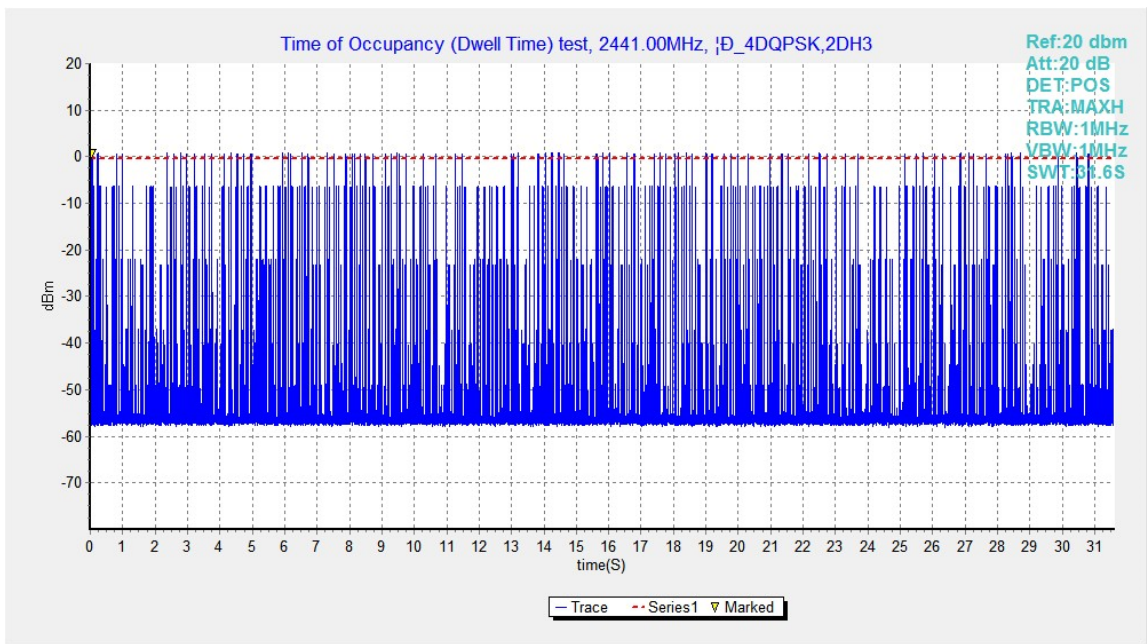Fig.72. Time of occupancy (Dwell Time): Channel 39, Packet 2-DH3

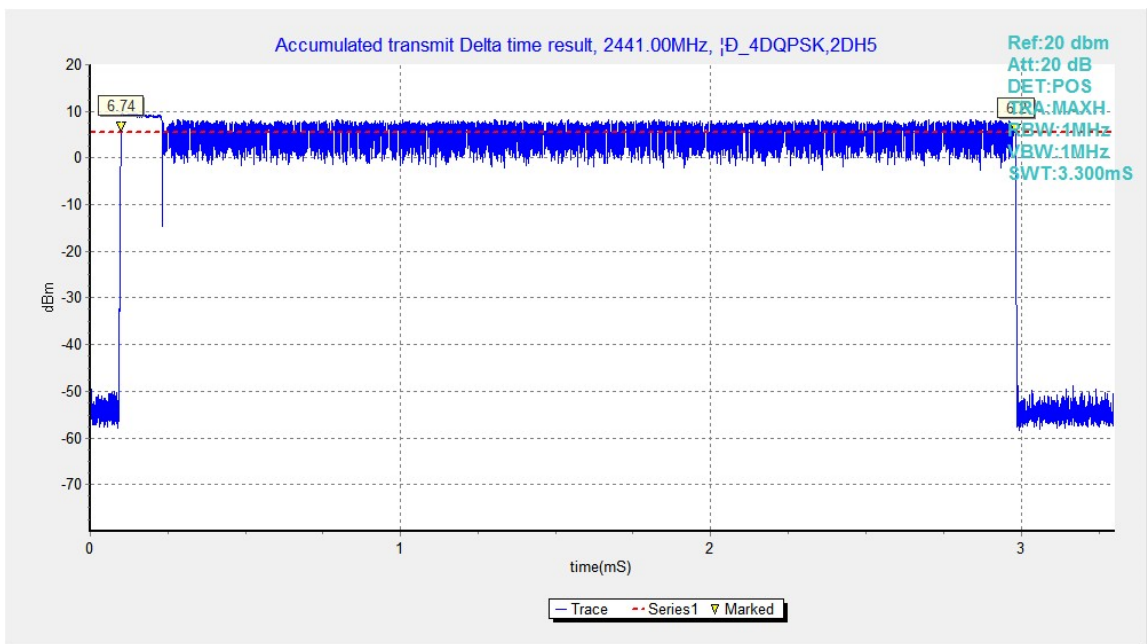Fig.73.　Number of Transmissions Measurement: Channel 39,Packet 2-DH3

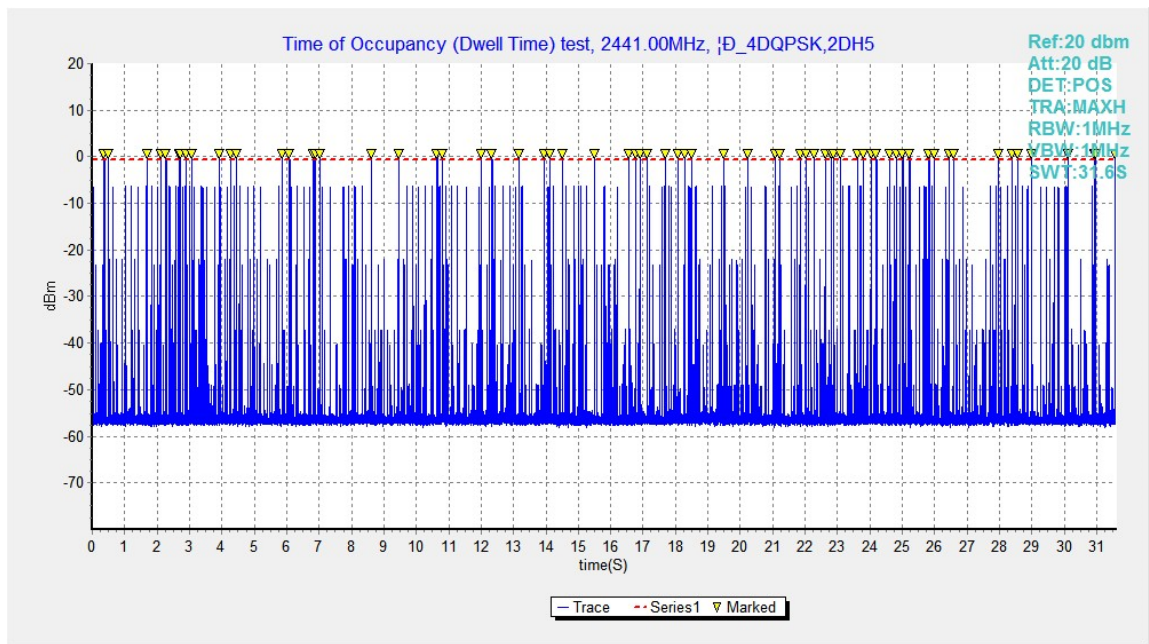Fig.74.　Time of occupancy (Dwell Time): Channel 39, Packet 2-DH5

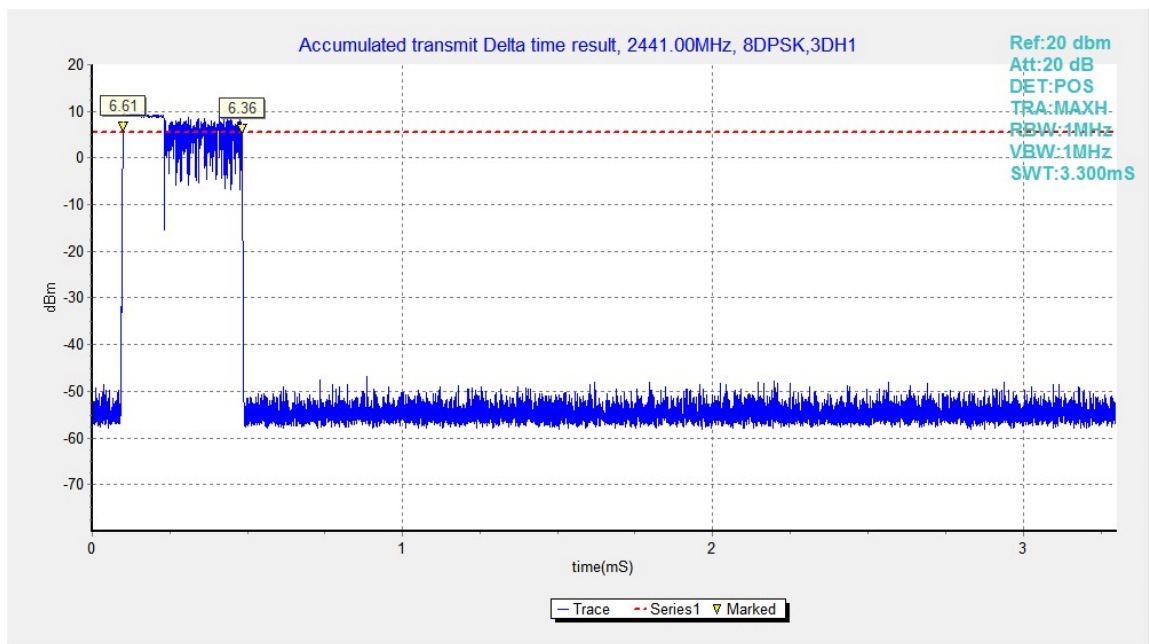Fig.75.   Number of Transmissions Measurement: Channel 39,Packet 2-DH5

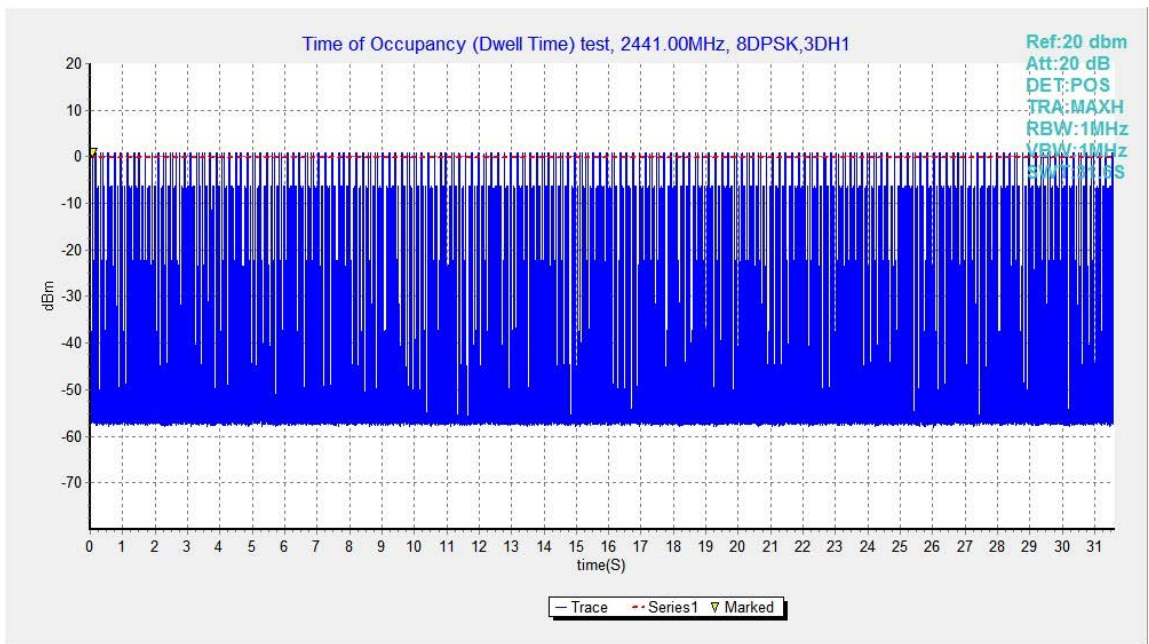Fig.76.   Time of occupancy (Dwell Time): Channel 39, Packet 3-DH1

Fig.77. Number of Transmissions Measurement: Channel 39,Packet 3-DH1
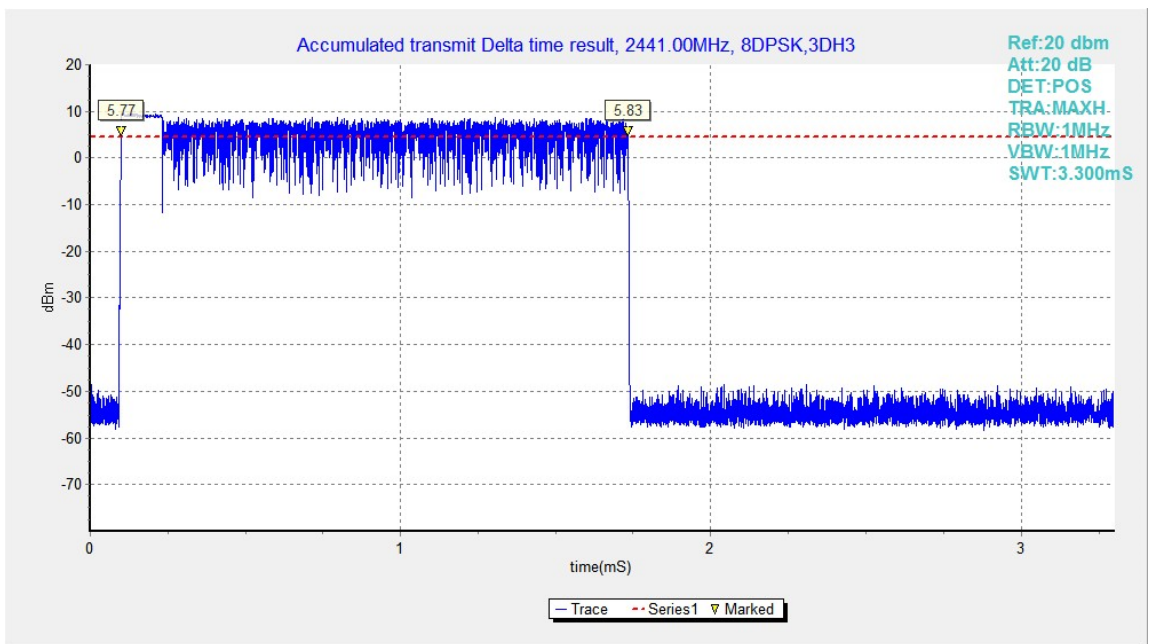

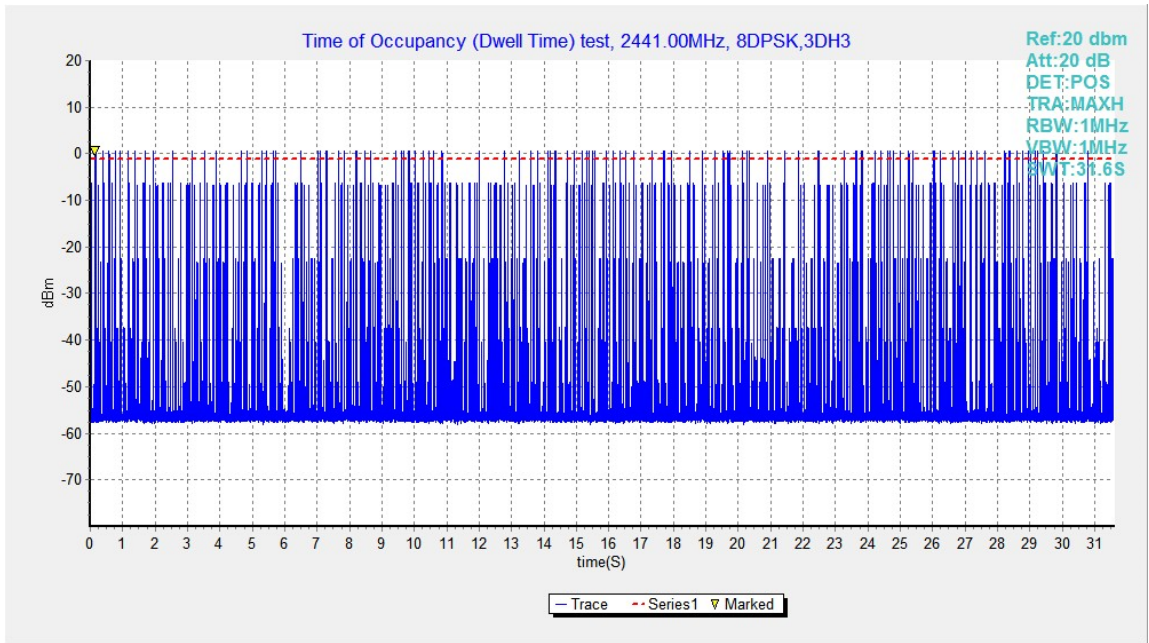Fig.78. Time of occupancy (Dwell Time): Channel 39, Packet 3-DH3

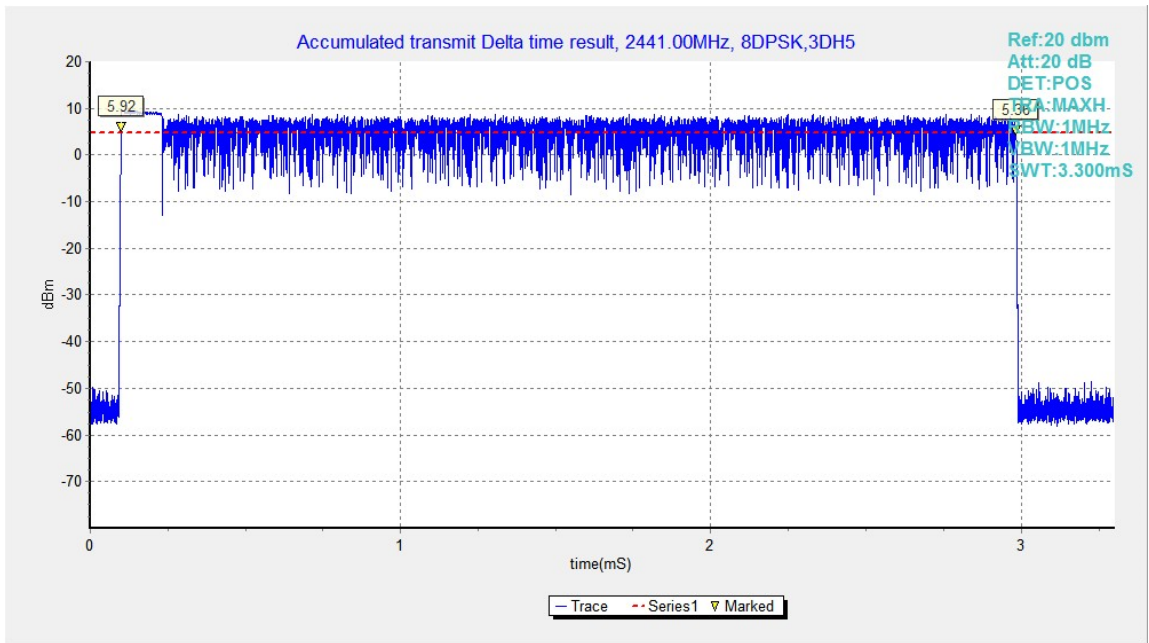Fig.79. Number of Transmissions Measurement: Channel 39,Packet 3-DH3

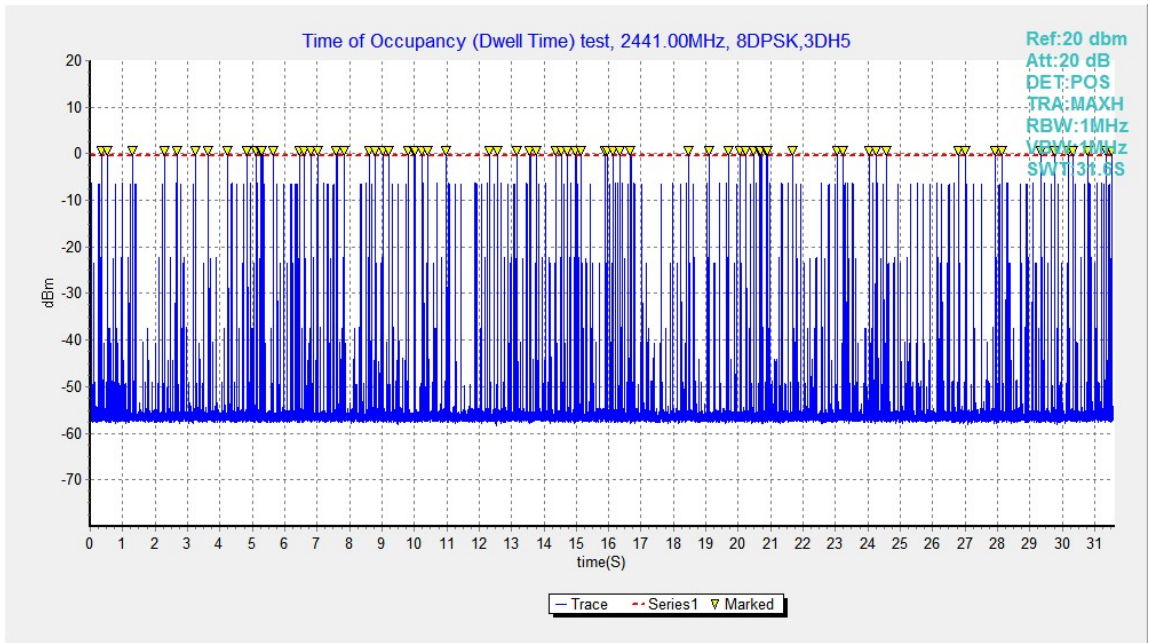Fig.80. Time of occupancy (Dwell Time): Channel 39, Packet 3-DH5

Fig.81． Number of Transmissions Measurement: Channel 39,Packet 3-DH5

B.8. 20dB Bandwidth

Method of Measurement: See ANSI C63.10-clause 6.9.2

Measurement Procedure - Unwanted Emissions

1. Set RBW = 30kHz.

2. Set VBW = 100 kHz.

3. Set span to 3MHz

4. Detector = peak.

5. Trace Mode = max hold.

6. Sweep = auto couple.

7. Allow the trace to stabilize (this may take some time, depending on the extent of the span).

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247(a)(1)	NA *

Use NdB Down function of the SA to measure the 20dB Bandwidth

 * Comment: This test case is not required according to the latest FCC 47 CFR Part 15.247. But the test results are necessary for "carrier frequency separation" test case, in Annex A.8.

Measurement Results:

For GFSK

Channel	20dB Bandwidth (kHz)		Conclusion
0	Fig.82	938.25	NA
39	Fig.83	939.75	NA
78	Fig.84	941.25	NA

For π/4 DQPSK

Channel	20dB Bandwidth (kHz)		Conclusion
0	Fig.85	1228.50	NA
39	Fig.86	1257.00	NA
78	Fig.87	1221.75	NA

For 8DPSK

Channel	20dB Bandwidth (kHz)		Conclusion
0	Fig.88	1262.25	NA
39	Fig.89	1202.25	NA
78	Fig.90	1260.00	NA

Conclusion: NA

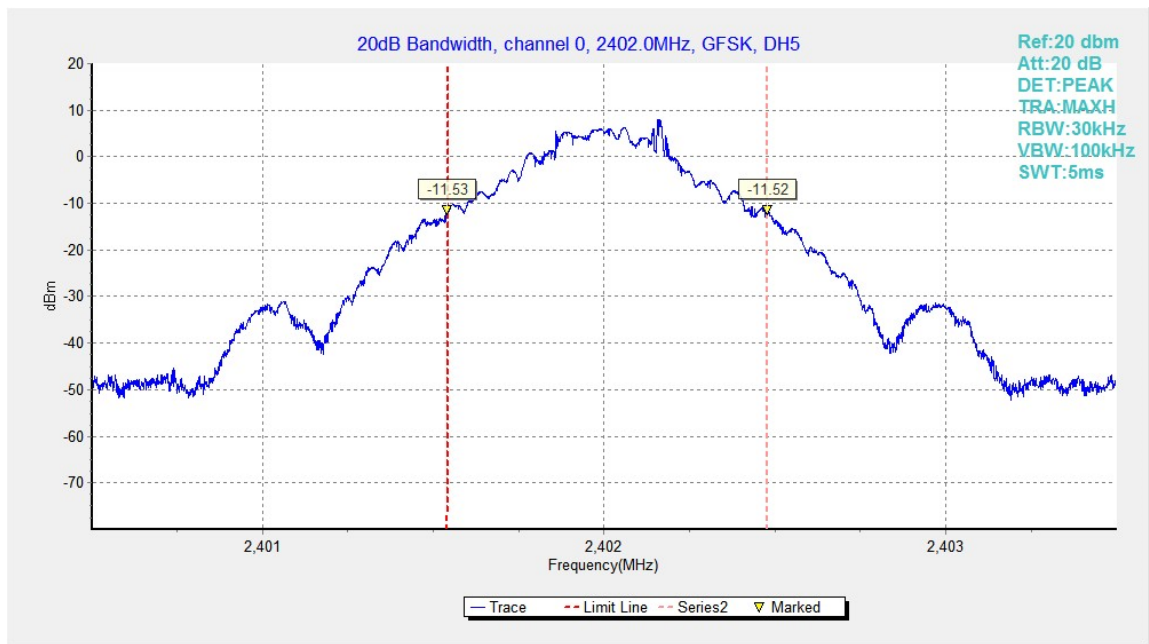**Test graphs as below:**

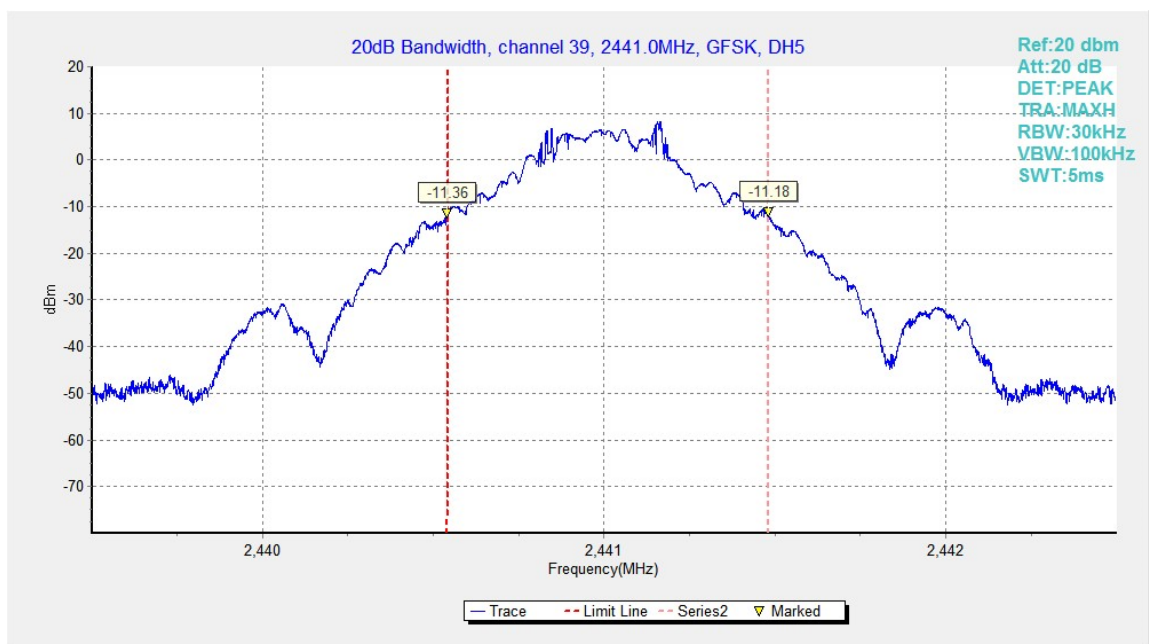Fig.82.   20dB Bandwidth: GFSK, Channel 0
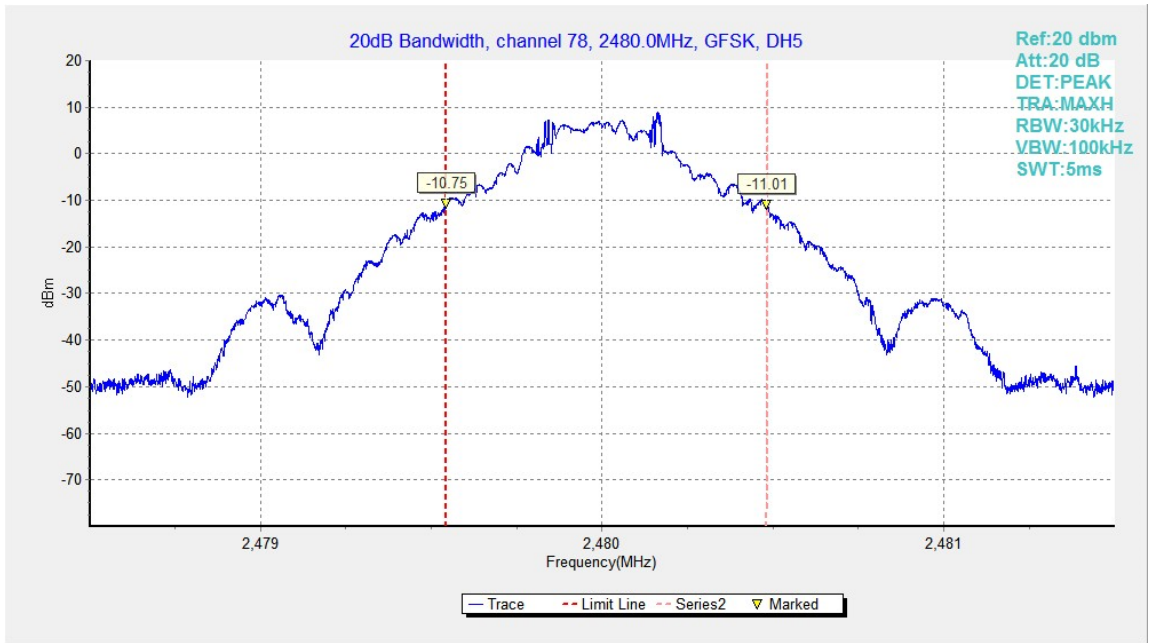

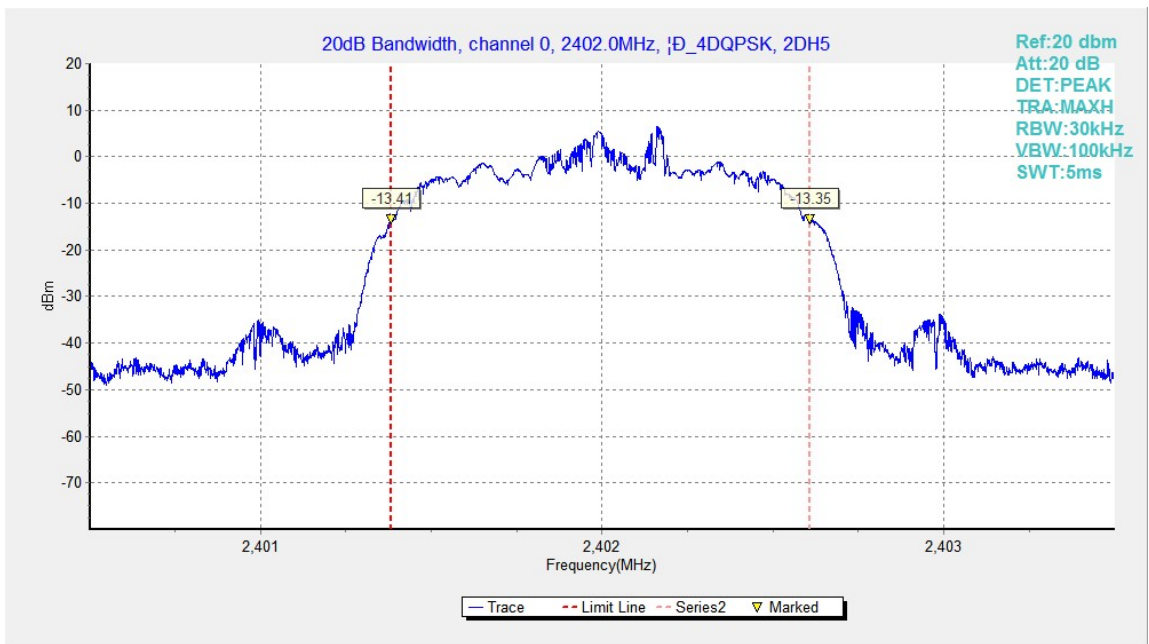Fig.83.   20dB Bandwidth: GFSK, Channel 39

Fig.84.　20dB Bandwidth: GFSK, Channel 78

Fig.85.　20dB Bandwidth: π/4 DQPSK, Channel 0