

TEST REPORT

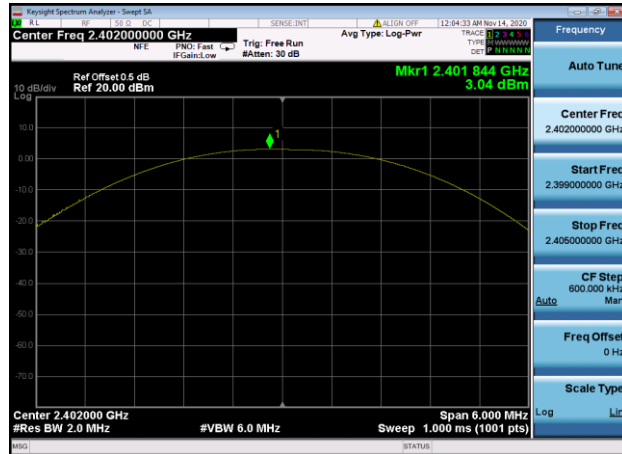
Appendix A: Test results

1.1 RF Output Power

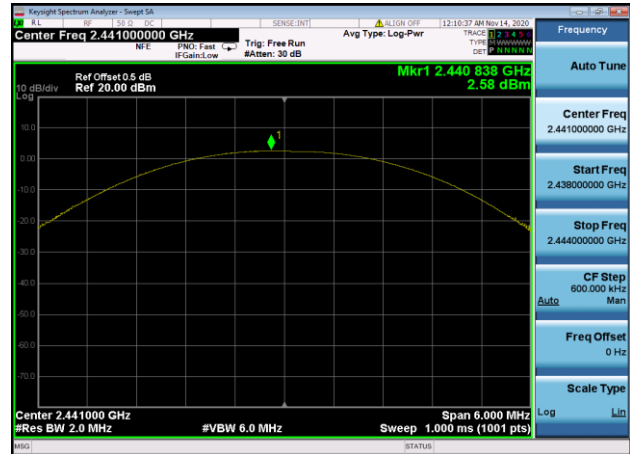
1.1.1 Test Result and Data

BT Maximum Output Power				
Mode	Test Frequency (MHz)	Packet Type	Power (dBm)	Result
GFSK	2402	DH5	3.04	Pass
GFSK	2441	DH5	2.58	Pass
GFSK	2480	DH5	1.98	Pass
DQPSK	2402	2DH5	3.56	Pass
DQPSK	2441	2DH5	3.11	Pass
DQPSK	2480	2DH5	2.70	Pass

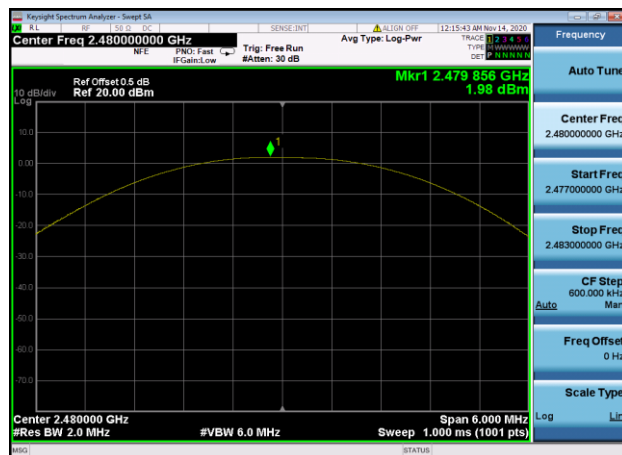
GFSK,2402MHz,DH5



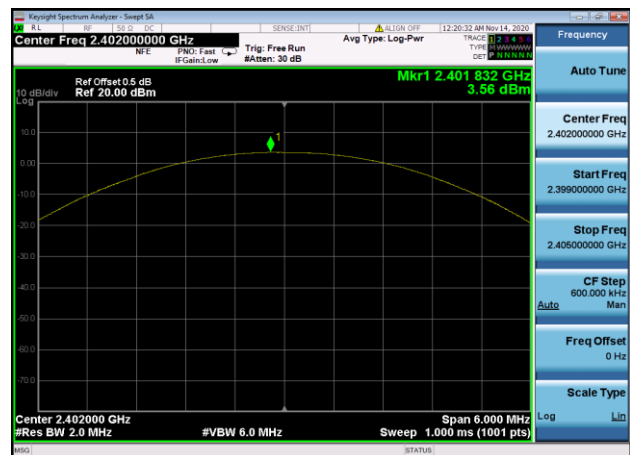
GFSK,2441MHz,DH5



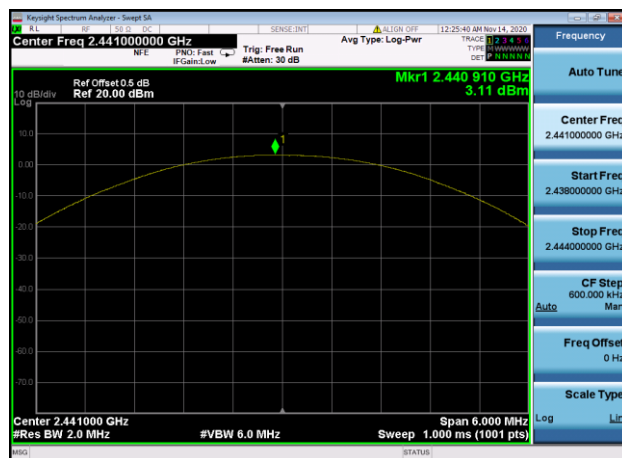
GFSK,2480MHz,DH5



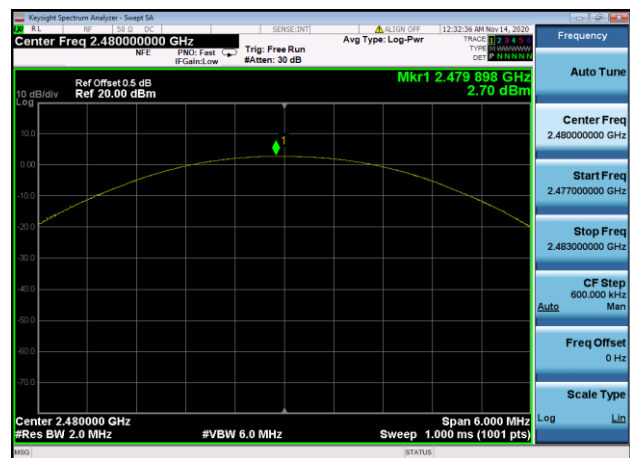
DQPSK,2402MHz,2DH5



DQPSK,2441MHz,2DH5



DQPSK,2480MHz,2DH5



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1.2 20dB Down Bandwidth

1.2.1 Test Result and Data

BT Occupied 20dB Bandwidth				
Mode	Test Frequency (MHz)	Packet Type	20dB Bandwidth (kHz)	Result
GFSK	2402	DH5	944.2	Pass
GFSK	2441	DH5	947.0	Pass
GFSK	2480	DH5	948.0	Pass
DQPSK	2402	2DH5	1327.6	Pass
DQPSK	2441	2DH5	1360.9	Pass
DQPSK	2480	2DH5	1324.4	Pass

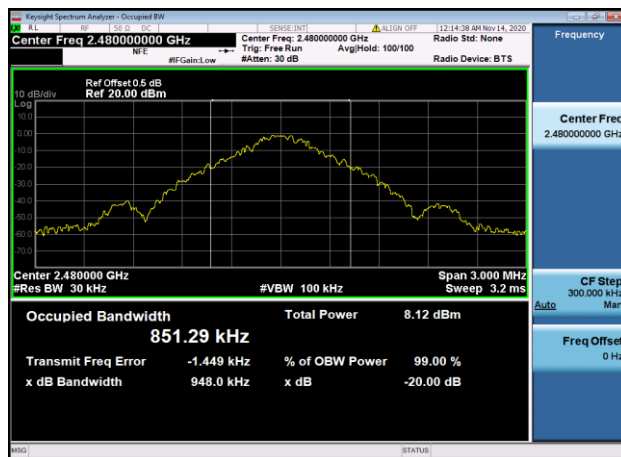
GFSK,2402MHz,DH5



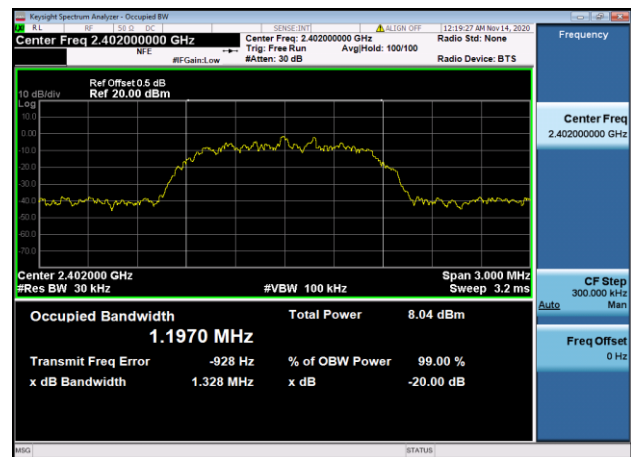
GFSK,2441MHz,DH5



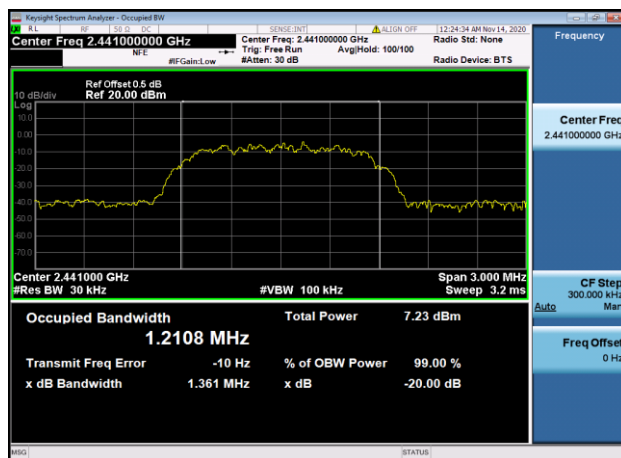
GFSK,2480MHz,DH5



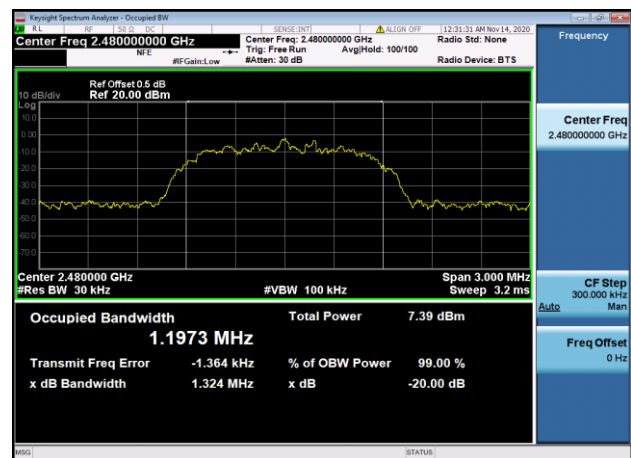
DQPSK,2402MHz,2DH5



DQPSK,2441MHz,2DH5



DQPSK,2480MHz,2DH5



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1.3 99% BandWidth

1.3.1 Test Result and Data

BT 99% Occupied Bandwidth				
Mode	Test Frequency (MHz)	Packet Type	99% Occupied Bandwidth (kHz)	Result
GFSK	2402	DH5	838.79	Pass
GFSK	2441	DH5	845.72	Pass
GFSK	2480	DH5	851.81	Pass
DQPSK	2402	2DH5	1188.04	Pass
DQPSK	2441	2DH5	1191.15	Pass
DQPSK	2480	2DH5	1206.08	Pass

GFSK,2402MHz,DH5



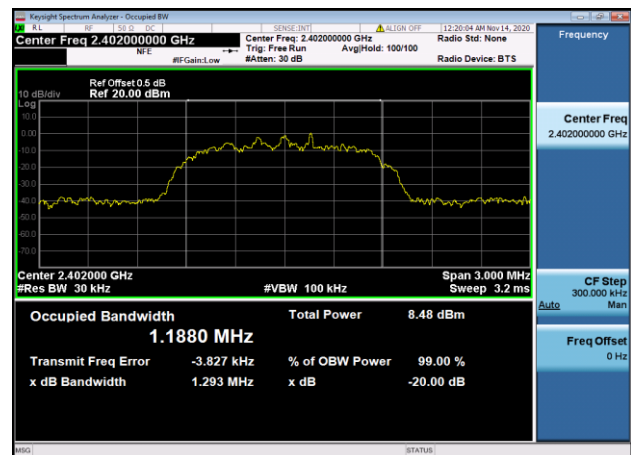
GFSK,2441MHz,DH5



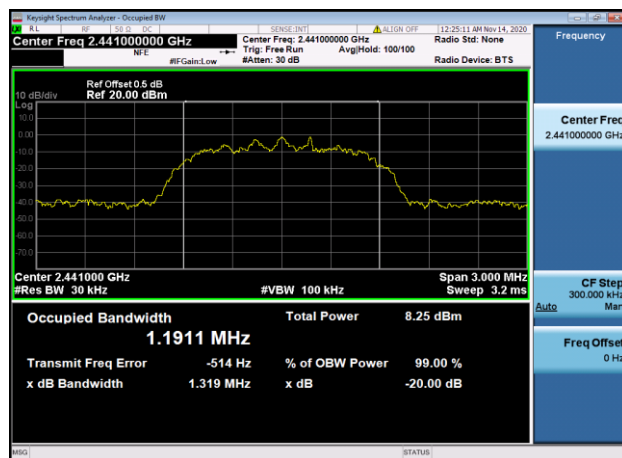
GFSK,2480MHz,DH5



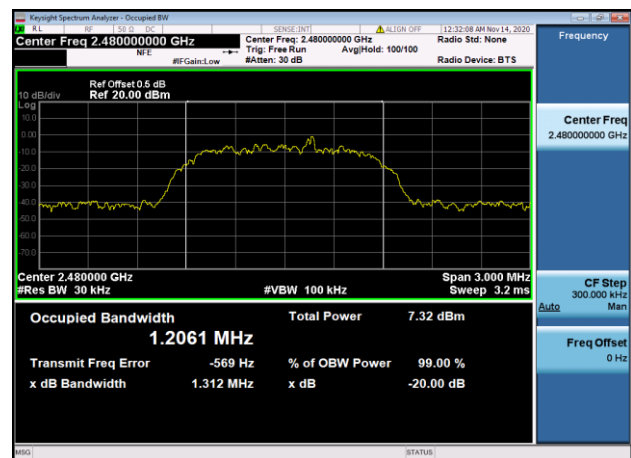
DQPSK,2402MHz,2DH5



DQPSK,2441MHz,2DH5



DQPSK,2480MHz,2DH5



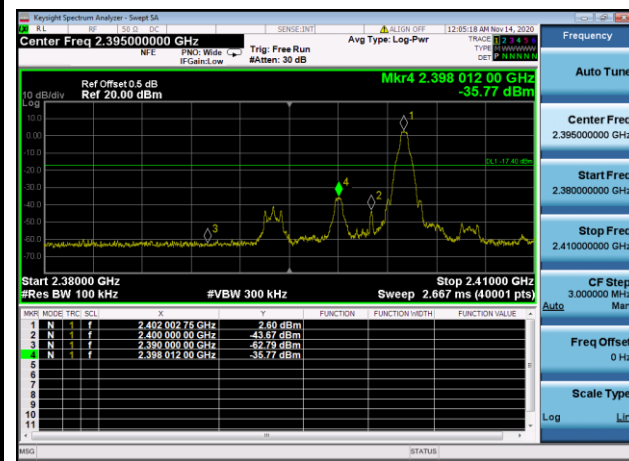
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1.4 Transmitter Spurious Emission

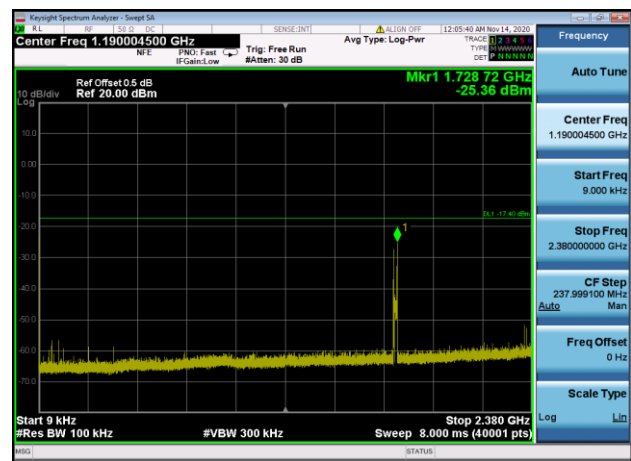
1.4.1 Test Result and Data

BT Transmitter Spurious Emission					
Mode	Test Frequency (MHz)	Packet Type	Frequency Range	Power (dBm)	Result
GFSK	2402	DH5	0.009MHz~2380MHz	-25.36	Pass
GFSK	2402	DH5	10000MHz~25000MHz	-54.31	Pass
GFSK	2402	DH5	2410MHz~10000MHz	-36.73	Pass
GFSK	2402	DH5	Band Edge	-35.77	Pass
GFSK	2441	DH5	0.009MHz~2300MHz	-34.52	Pass
GFSK	2441	DH5	10000MHz~25000MHz	-53.56	Pass
GFSK	2441	DH5	2500MHz~10000MHz	-36.55	Pass
GFSK	2441	DH5	Band Edge	-51.60	Pass
GFSK	2480	DH5	0.009MHz~2475MHz	-36.84	Pass
GFSK	2480	DH5	10000MHz~25000MHz	-54.13	Pass
GFSK	2480	DH5	2505MHz~10000MHz	-35.97	Pass
GFSK	2480	DH5	Band Edge	-49.65	Pass
DQPSK	2402	2DH5	0.009MHz~2380MHz	-33.12	Pass
DQPSK	2402	2DH5	10000MHz~25000MHz	-54.26	Pass
DQPSK	2402	2DH5	2410MHz~10000MHz	-38.85	Pass
DQPSK	2402	2DH5	Band Edge	-35.83	Pass
DQPSK	2441	2DH5	0.009MHz~2300MHz	-31.86	Pass
DQPSK	2441	2DH5	10000MHz~25000MHz	-53.91	Pass
DQPSK	2441	2DH5	2500MHz~10000MHz	-38.78	Pass
DQPSK	2441	2DH5	Band Edge	-51.35	Pass
DQPSK	2480	2DH5	0.009MHz~2475MHz	-32.94	Pass
DQPSK	2480	2DH5	10000MHz~25000MHz	-53.18	Pass
DQPSK	2480	2DH5	2505MHz~10000MHz	-38.52	Pass
DQPSK	2480	2DH5	Band Edge	-50.61	Pass

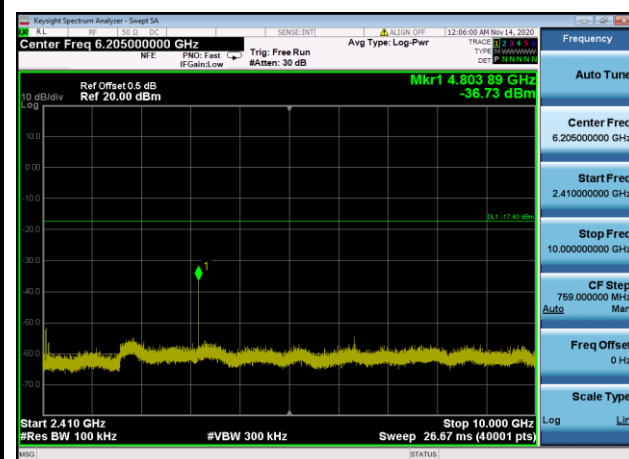
GFSK,2402MHz,DH5,Plot 1,Band Edge



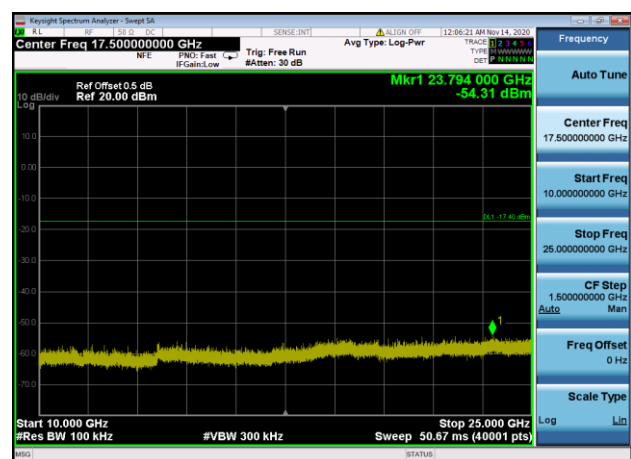
GFSK,2402MHz,DH5,Plot 2,0.009MHz~2380 MHz



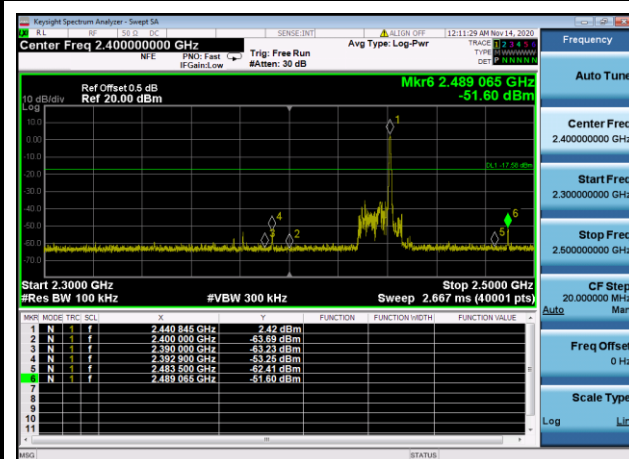
GFSK,2402MHz,DH5,Plot 3,2410MHz~10000 MHz



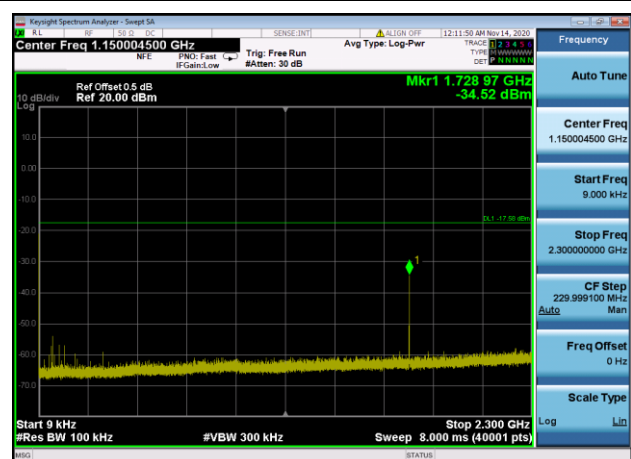
GFSK,2402MHz,DH5,Plot 4,10000MHz~2500 0MHz



GFSK,2441MHz,DH5,Plot 1,Band Edge

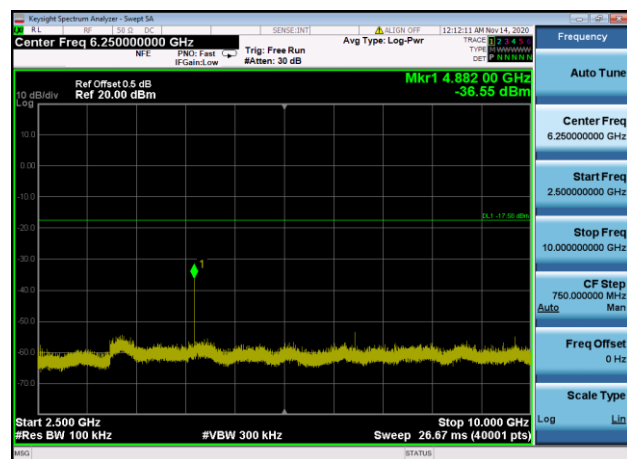


GFSK,2441MHz,DH5,Plot 2,0.009MHz~2300 MHz

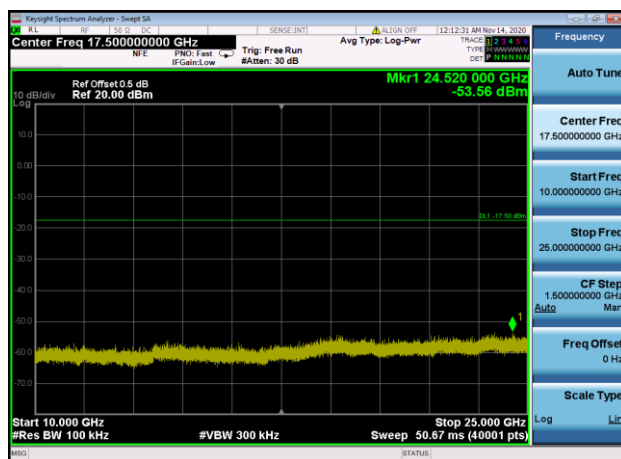


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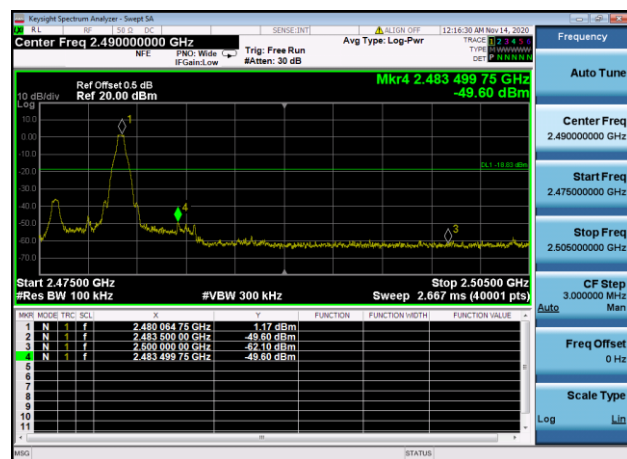
GFSK,2441MHz,DH5,Plot 3,2500MHz~10000 MHz



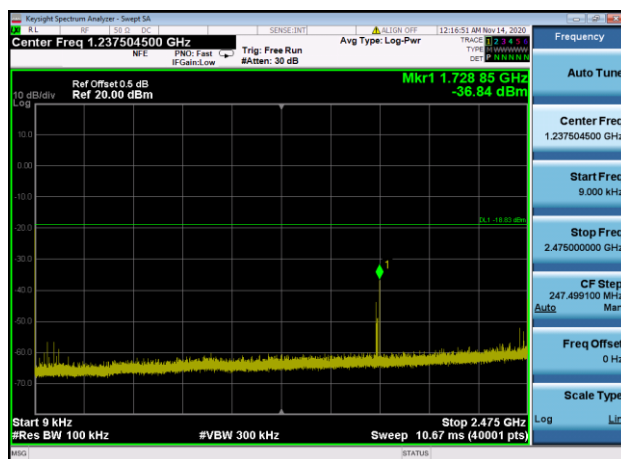
GFSK,2441MHz,DH5,Plot 4,10000MHz~2500 0MHz



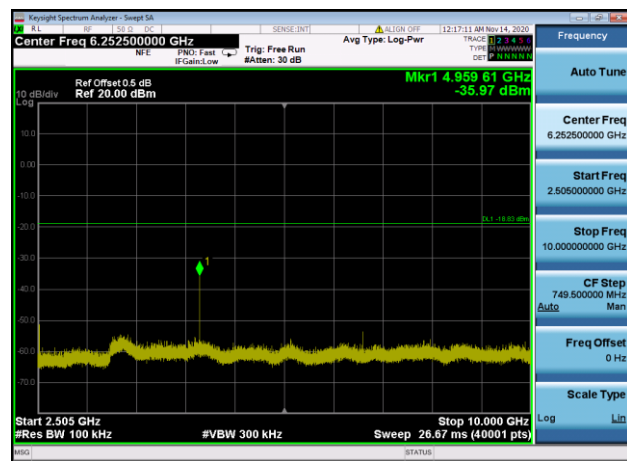
GFSK,2480MHz,DH5,Plot 1,Band Edge



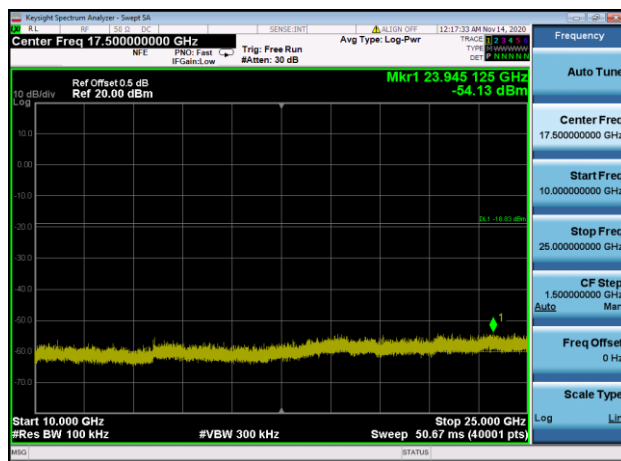
GFSK,2480MHz,DH5,Plot 2,0.009MHz~2475 MHz



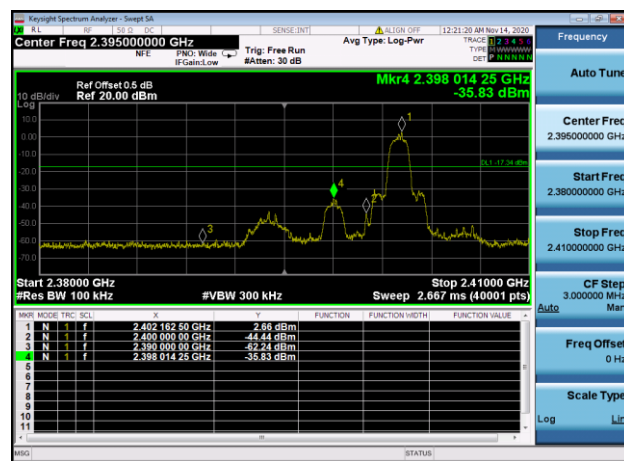
GFSK,2480MHz,DH5,Plot 3,2505MHz~10000 MHz



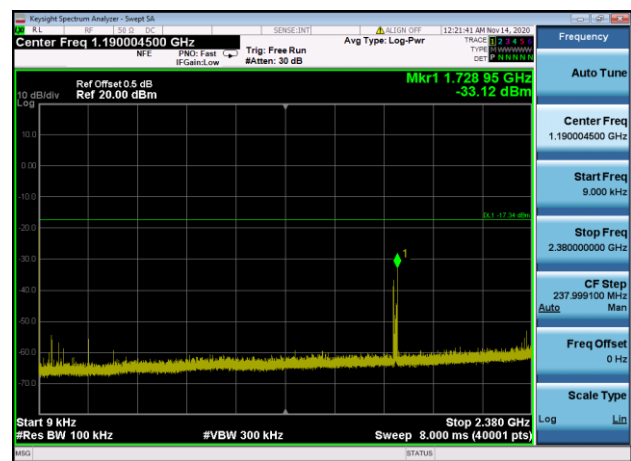
GFSK,2480MHz,DH5,Plot 4,10000MHz~2500 0MHz



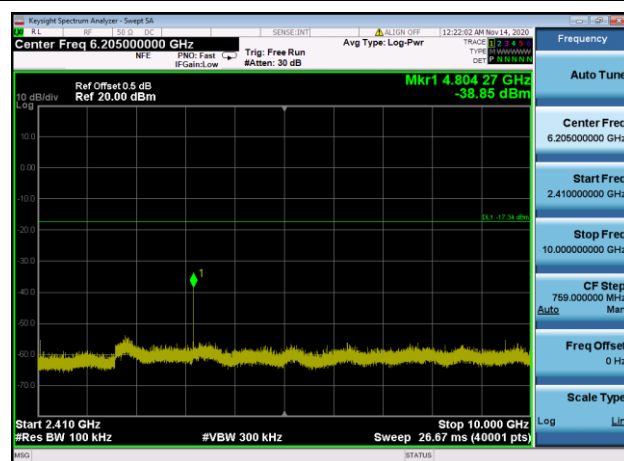
DQPSK,2402MHz,2DH5,Plot 1,Band
Edge



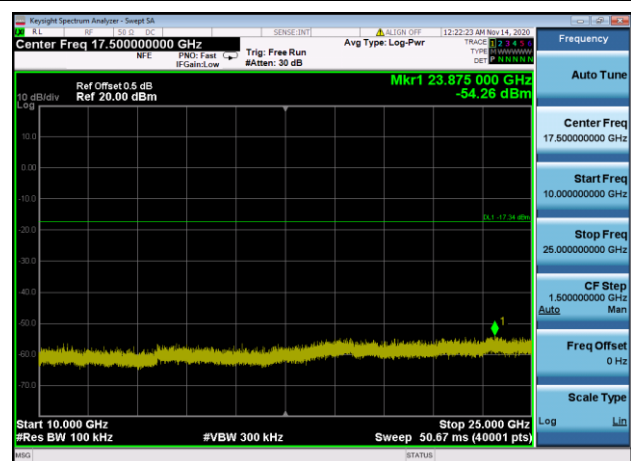
DQPSK,2402MHz,2DH5,Plot 2,0.009MHz~23
80MHz



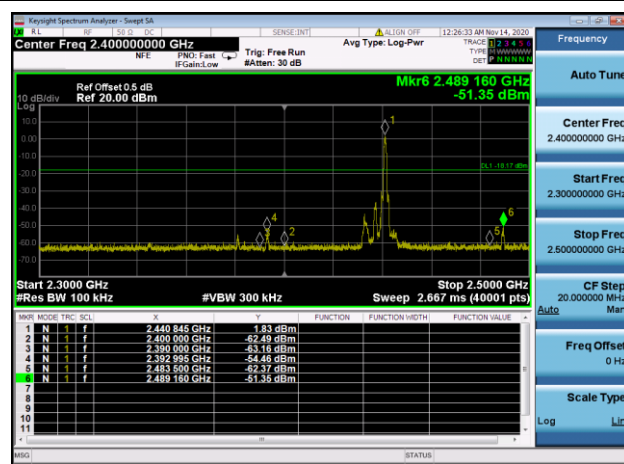
DQPSK,2402MHz,2DH5,Plot 3,2410MHz~100
00MHz



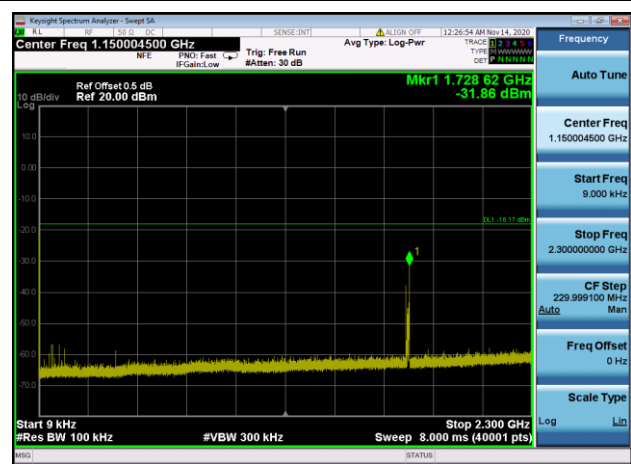
DQPSK,2402MHz,2DH5,Plot 4,10000MHz~25
00MHz



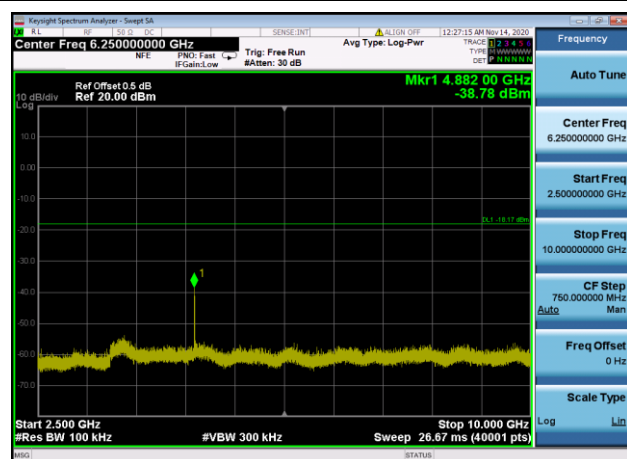
DQPSK,2441MHz,2DH5,Plot 1,Band
Edge



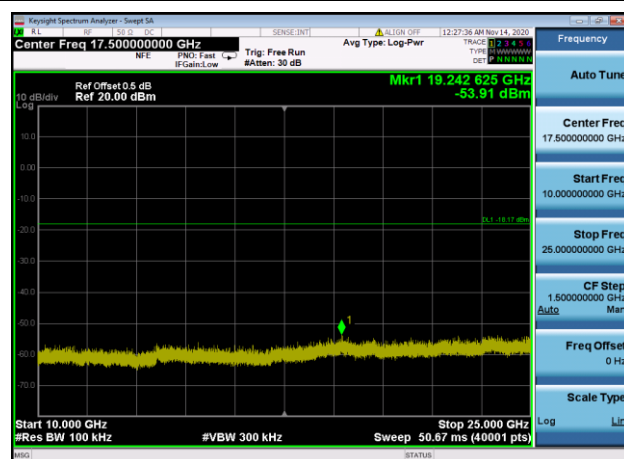
DQPSK,2441MHz,2DH5,Plot 2,0.009MHz~23
00MHz



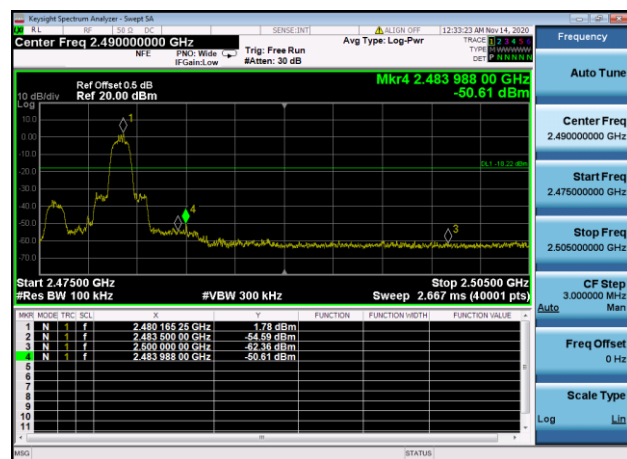
DQPSK,2441MHz,2DH5,Plot 3,2500MHz~10000MHz



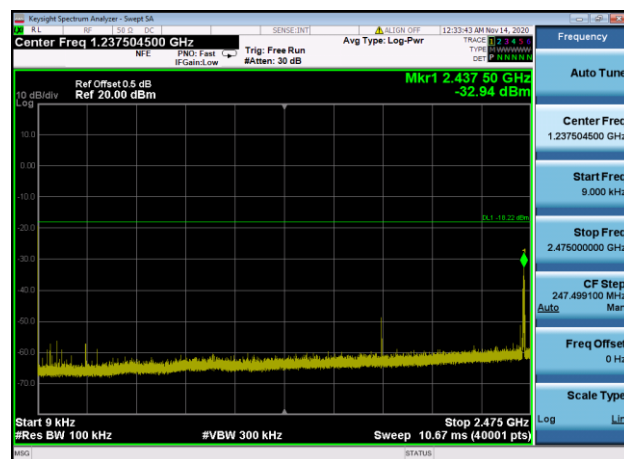
DQPSK,2441MHz,2DH5,Plot 4,10000MHz~25000MHz



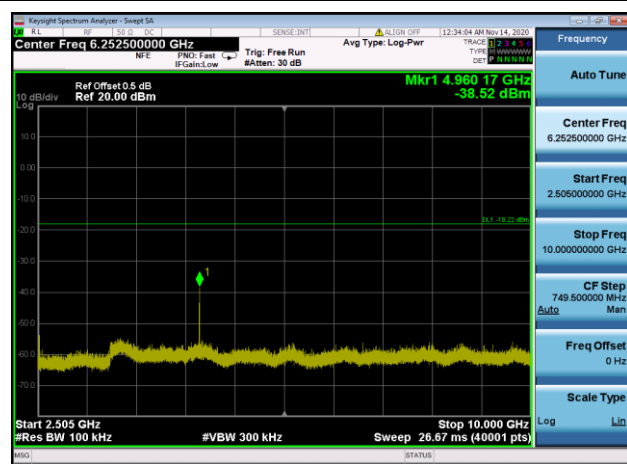
DQPSK,2480MHz,2DH5,Plot 1,Band
Edge



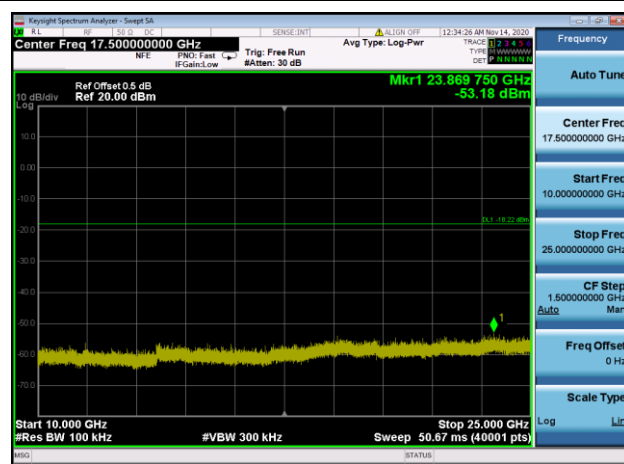
DQPSK,2480MHz,2DH5,Plot 2,0.009MHz~2475MHz



DQPSK,2480MHz,2DH5,Plot 3,2505MHz~10000MHz



DQPSK,2480MHz,2DH5,Plot 4,10000MHz~25000MHz



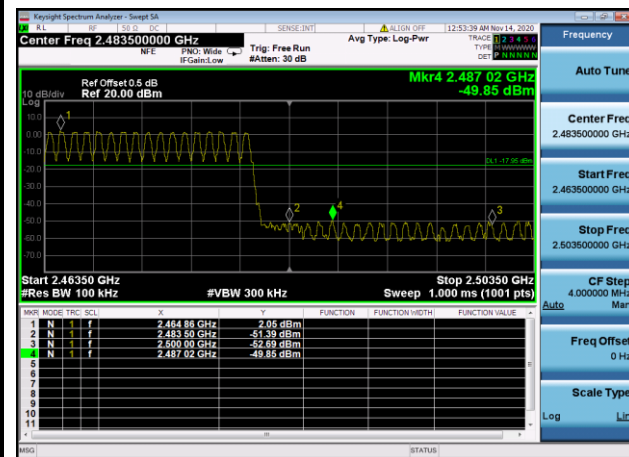
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1.5 Frequency Band Edge

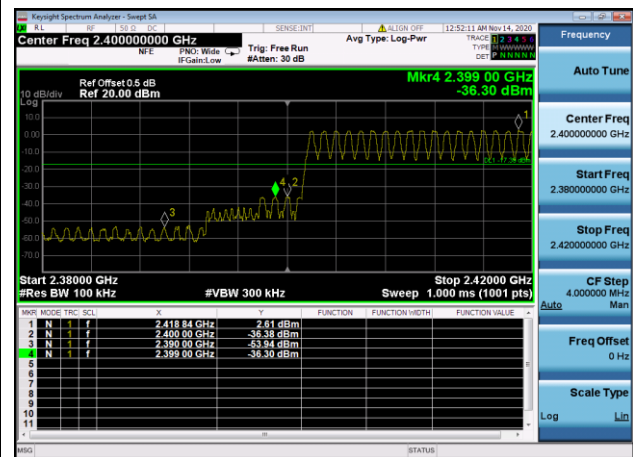
1.5.1 Test Result and Data

BT Frequency Band Edges-Conducted						
Mode	Test Range (MHz)	Packet Type	Hopping Mode	Band Edge (dBm)	Limit	Result
GFSK	2380~2420	DH5	Hopping On	-36.30	-17.394	Pass
GFSK	2463.5~2503.5	DH5	Hopping On	-49.85	-17.947	Pass
DQPSK	2380~2420	2DH5	Hopping On	-37.00	-17.396	Pass
DQPSK	2463.5~2503.5	2DH5	Hopping On	-45.20	-18.175	Pass

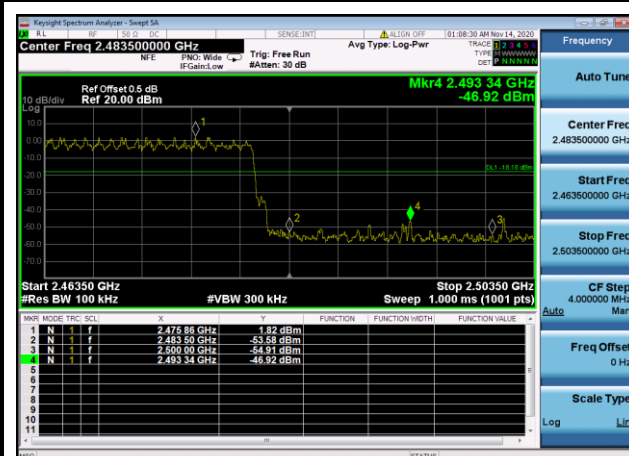
GFSK,Hopping,DH5,Band Edge HighRange



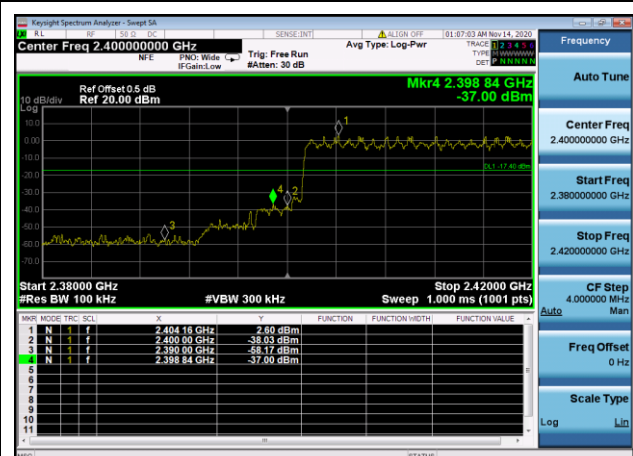
GFSK,Hopping,DH5,Band Edge LowRange



DQPSK,Hopping,2DH5,Band Edge HighRange



DQPSK,Hopping,2DH5,Band Edge LowRange



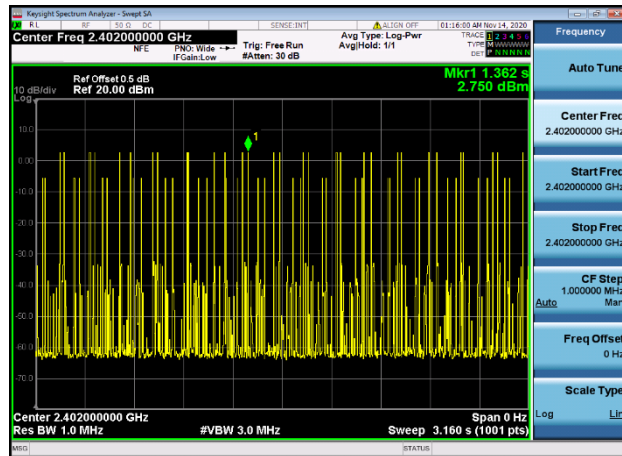
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1.6 Dwell Time

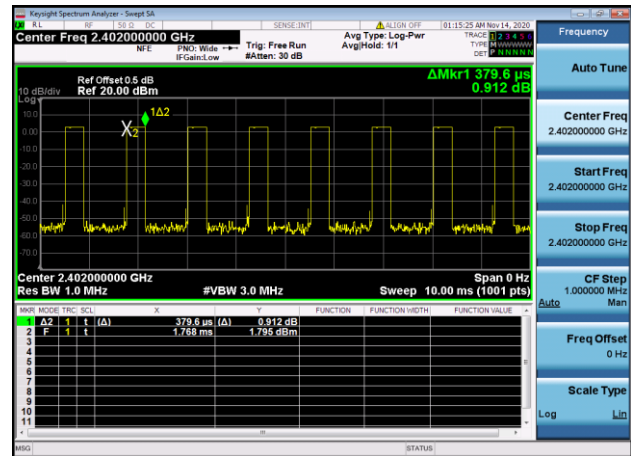
1.6.1 Test Result and Data

BT Dwell Time						
Mode	Test Frequency (MHz)	Packet Type	Transmission Time (ms)	Number	Dwell Time (ms)	Result
GFSK	2402	DH1	0.380	310	117.68	Pass
GFSK	2402	DH3	1.638	80	131.07	Pass
GFSK	2402	DH5	2.887	60	173.23	Pass

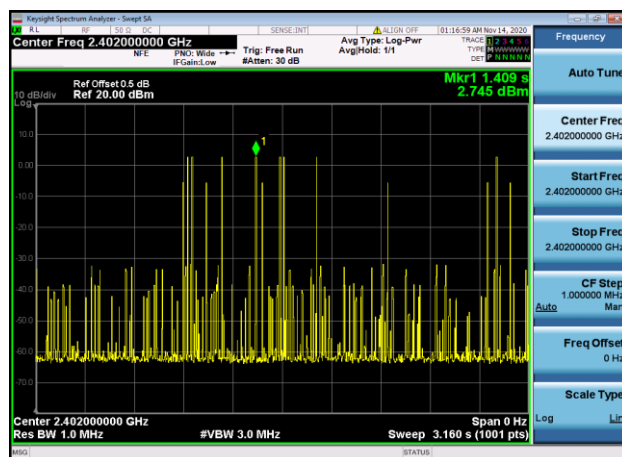
GFSK,2402,DH1,Transmission Number



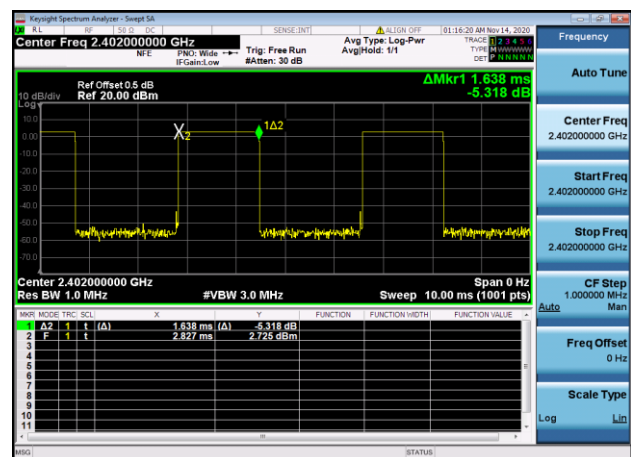
GFSK,2402,DH1,Transmission Time



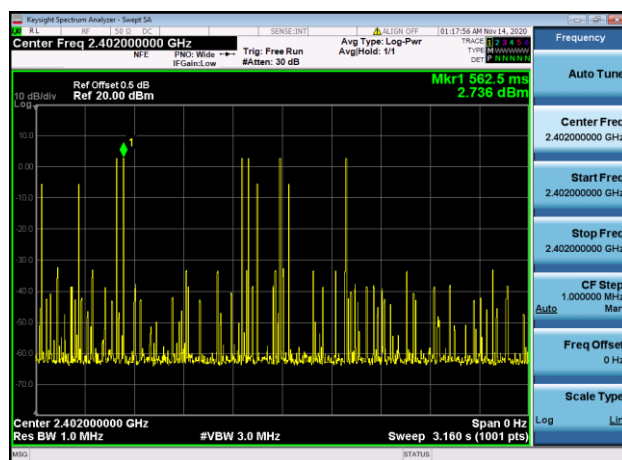
GFSK,2402,DH3,Transmission Number



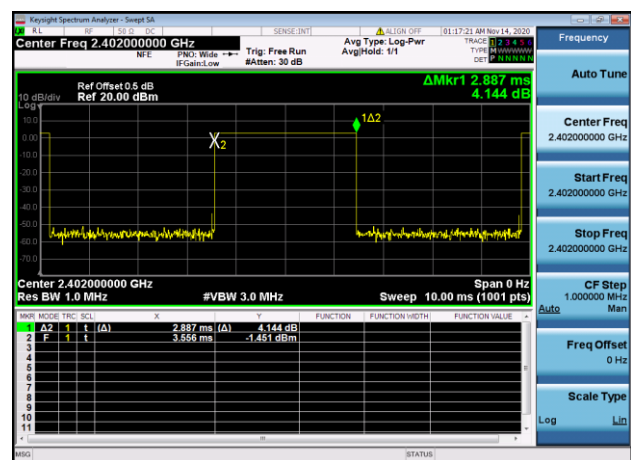
GFSK,2402,DH3,Transmission Time



GFSK,2402,DH5,Transmission Number



GFSK,2402,DH5,Transmission Time



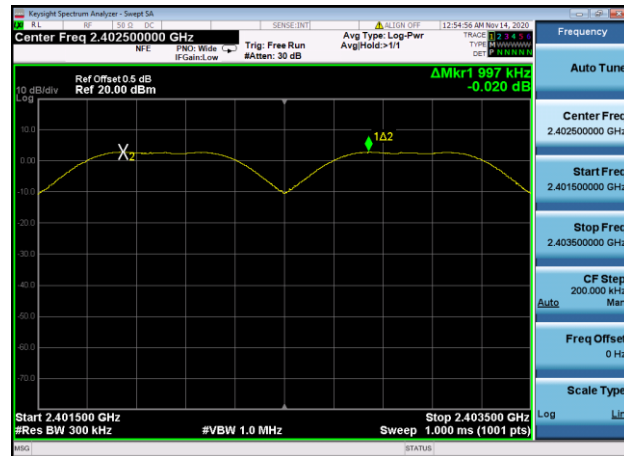
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1.7 Carrier Frequency Separation

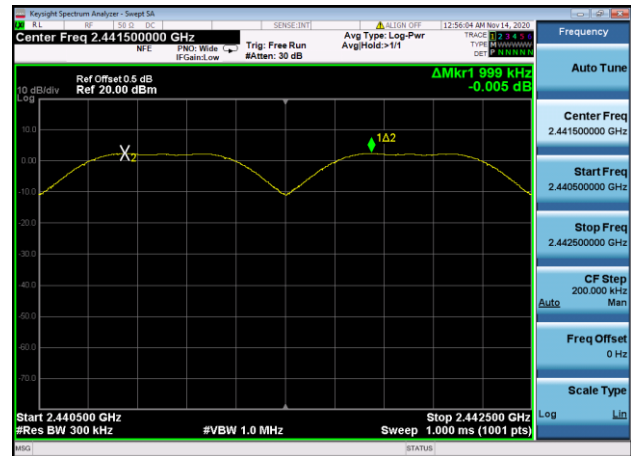
1.7.1 Test Result and Data

BT Carrier Frequency Separation					
Mode	Test Frequency (MHz)	Packet Type	Range	Separation (kHz)	Result
GFSK	Hopping	DH5	2401.5MHz~2403.5MHz	997	Pass
GFSK	Hopping	DH5	2440.5MHz~2442.5MHz	999	Pass
GFSK	Hopping	DH5	2478.5MHz~2480.5MHz	995	Pass

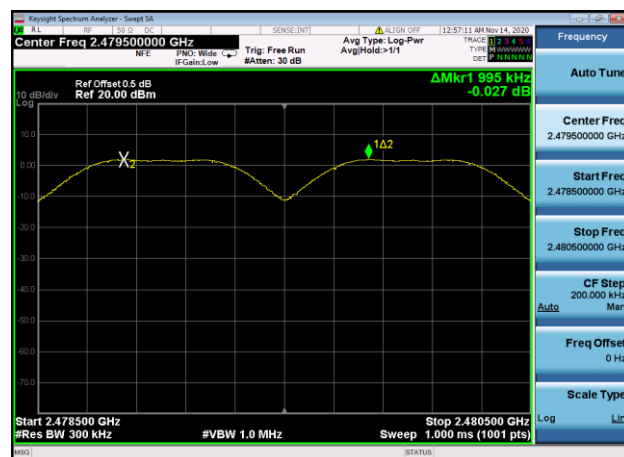
GFSK,Hopping,DH5,2401.5~2403.5MHz



GFSK,Hopping,DH5,2440.5~2442.5MHz



GFSK,Hopping,DH5,2478.5~2480.5MHz

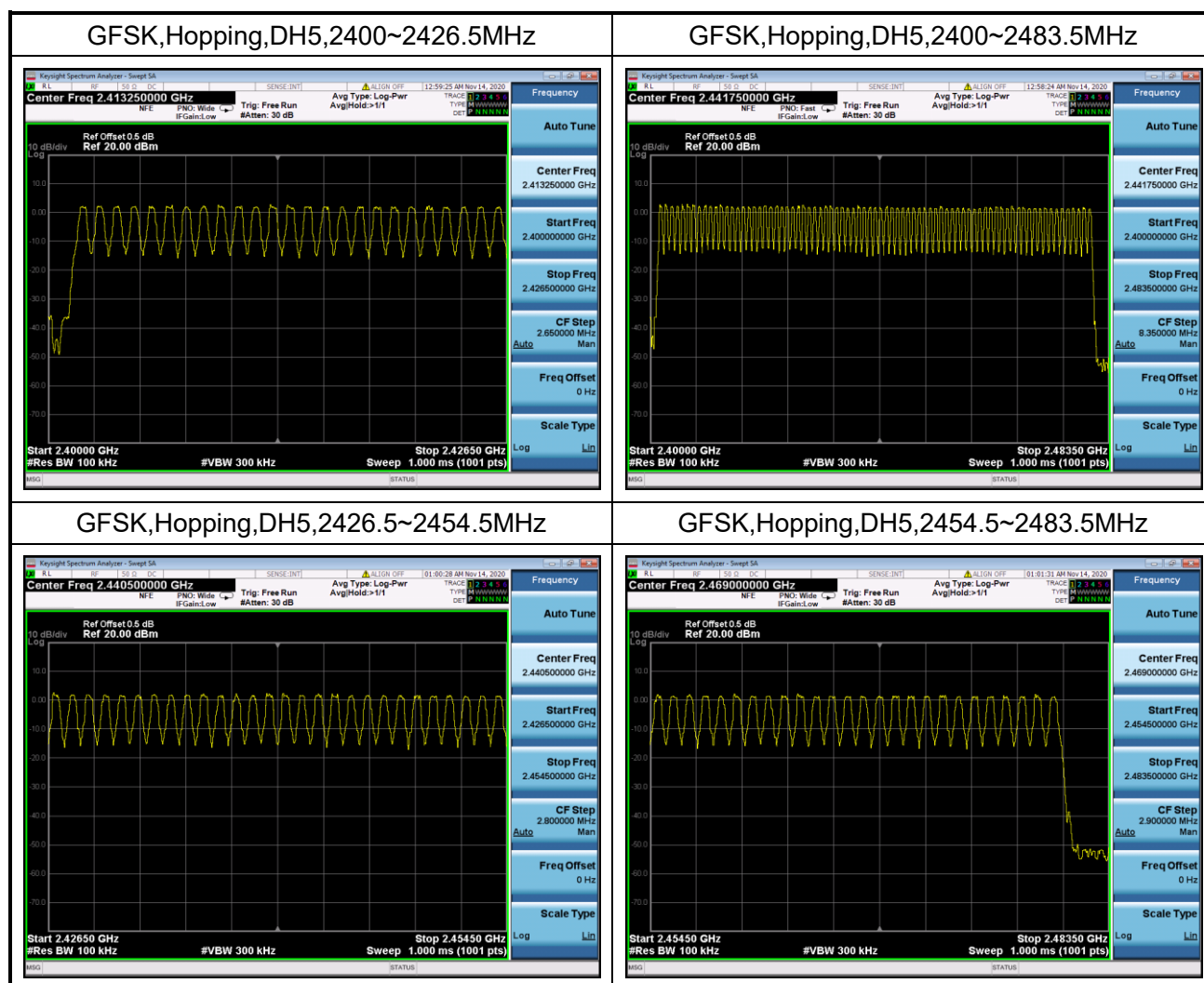


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1.8 Hopping Channel Numbers

1.8.1 Test Result and Data

BT Number Of Hopping Channels				
Mode	Test Frequency	Packet Type	Test Range	Result
GFSK	Hopping	DH5	2400MHz~2483.5MHz	Pass



***** END *****