

TEST REPORT

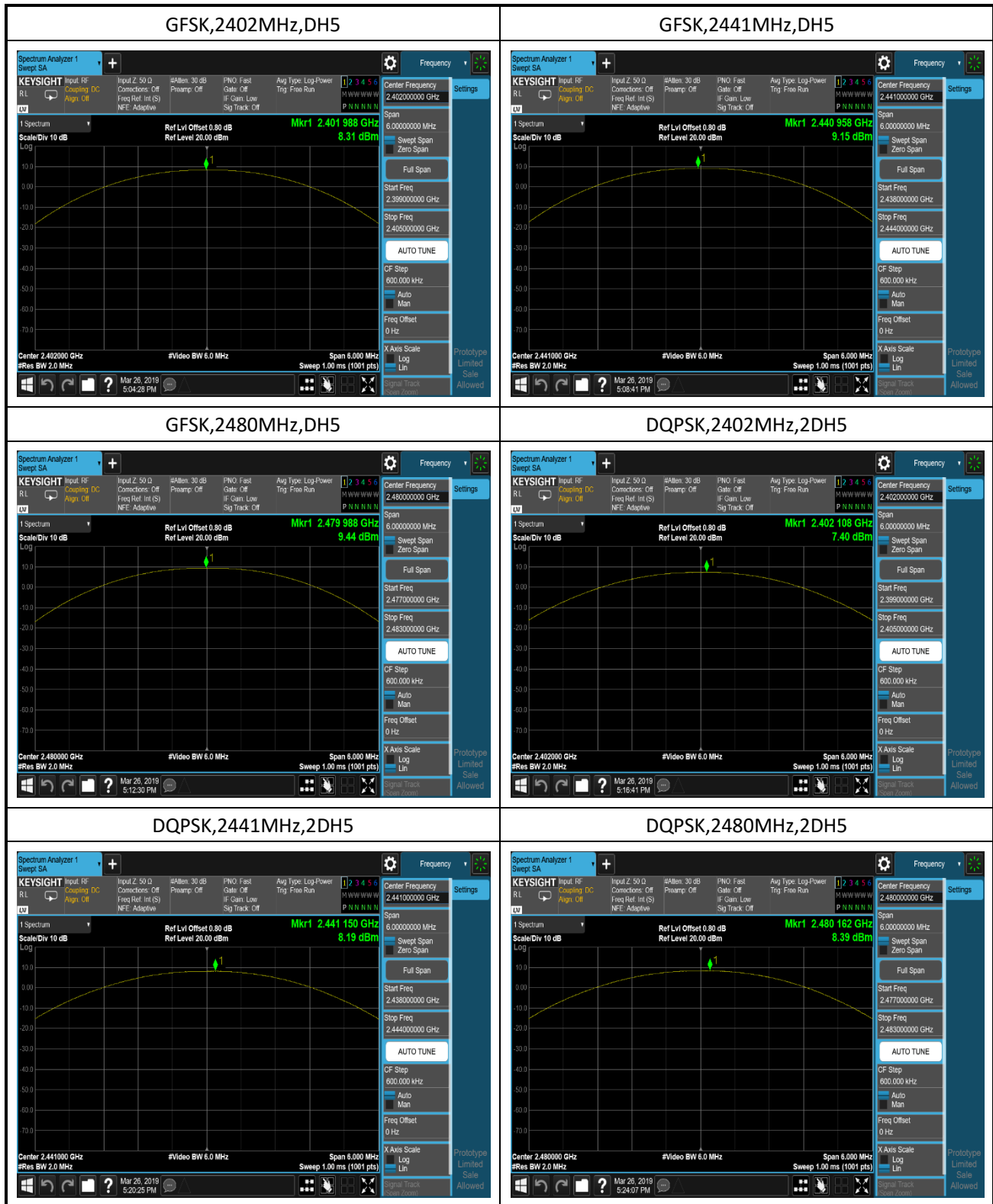
Appendix A: Test results

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	8.31	Pass
GFSK	2441	DH5	9.15	Pass
GFSK	2480	DH5	9.44	Pass
DQPSK	2402	2DH5	7.40	Pass
DQPSK	2441	2DH5	8.19	Pass
DQPSK	2480	2DH5	8.39	Pass
8DPSK	2402	3DH5	7.85	Pass
8DPSK	2441	3DH5	8.64	Pass
8DPSK	2480	3DH5	8.85	Pass

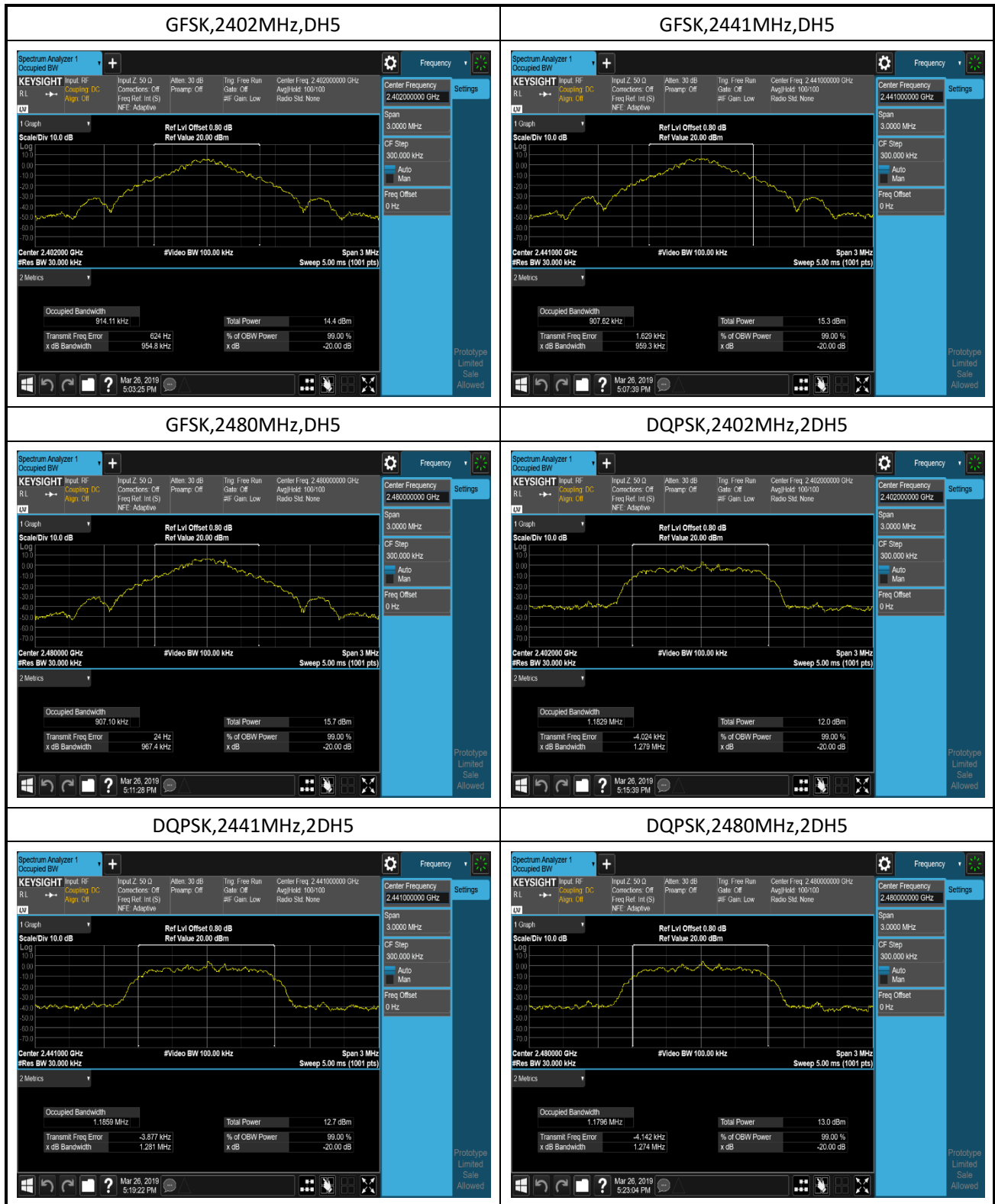
The maximum EIRP = 9.44dBm+3.3dBi = 12.74dBm = 0.019W which is lower than the limit of 4W listed in RSS-247.



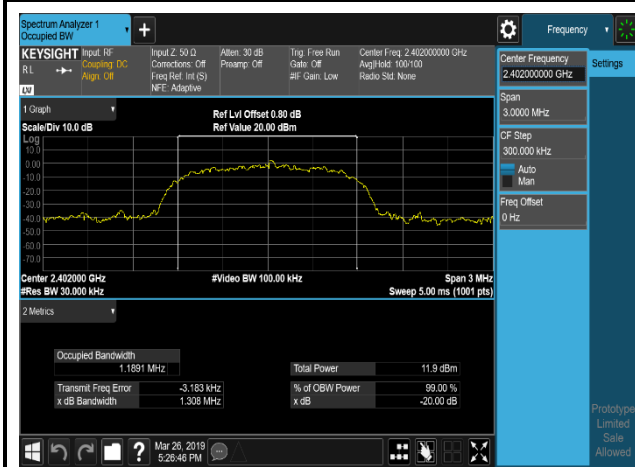


TEST REPORT**1.2 20dB Down Bandwidth****1.2.1 Test Result and Data**

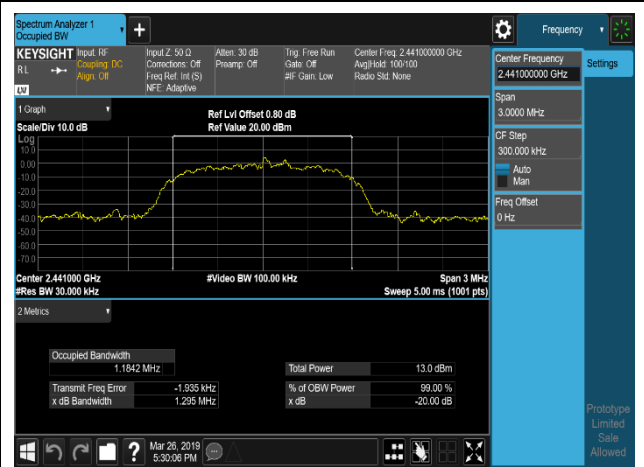
BT Occupied 20dB Bandwidth				
Mode	Test Frequency (MHz)	Packet Type	20dB Bandwidth (kHz)	Result
GFSK	2402	DH5	954.8	Pass
GFSK	2441	DH5	959.3	Pass
GFSK	2480	DH5	967.4	Pass
DQPSK	2402	2DH5	1279.1	Pass
DQPSK	2441	2DH5	1280.7	Pass
DQPSK	2480	2DH5	1273.7	Pass
8DPSK	2402	3DH5	1307.8	Pass
8DPSK	2441	3DH5	1294.7	Pass
8DPSK	2480	3DH5	1288.7	Pass



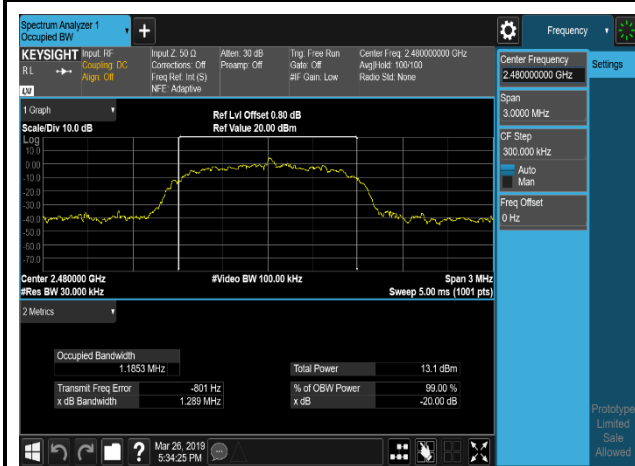
8DPSK,2402MHz,3DH5



8DPSK,2441MHz,3DH5



8DPSK,2480MHz,3DH5

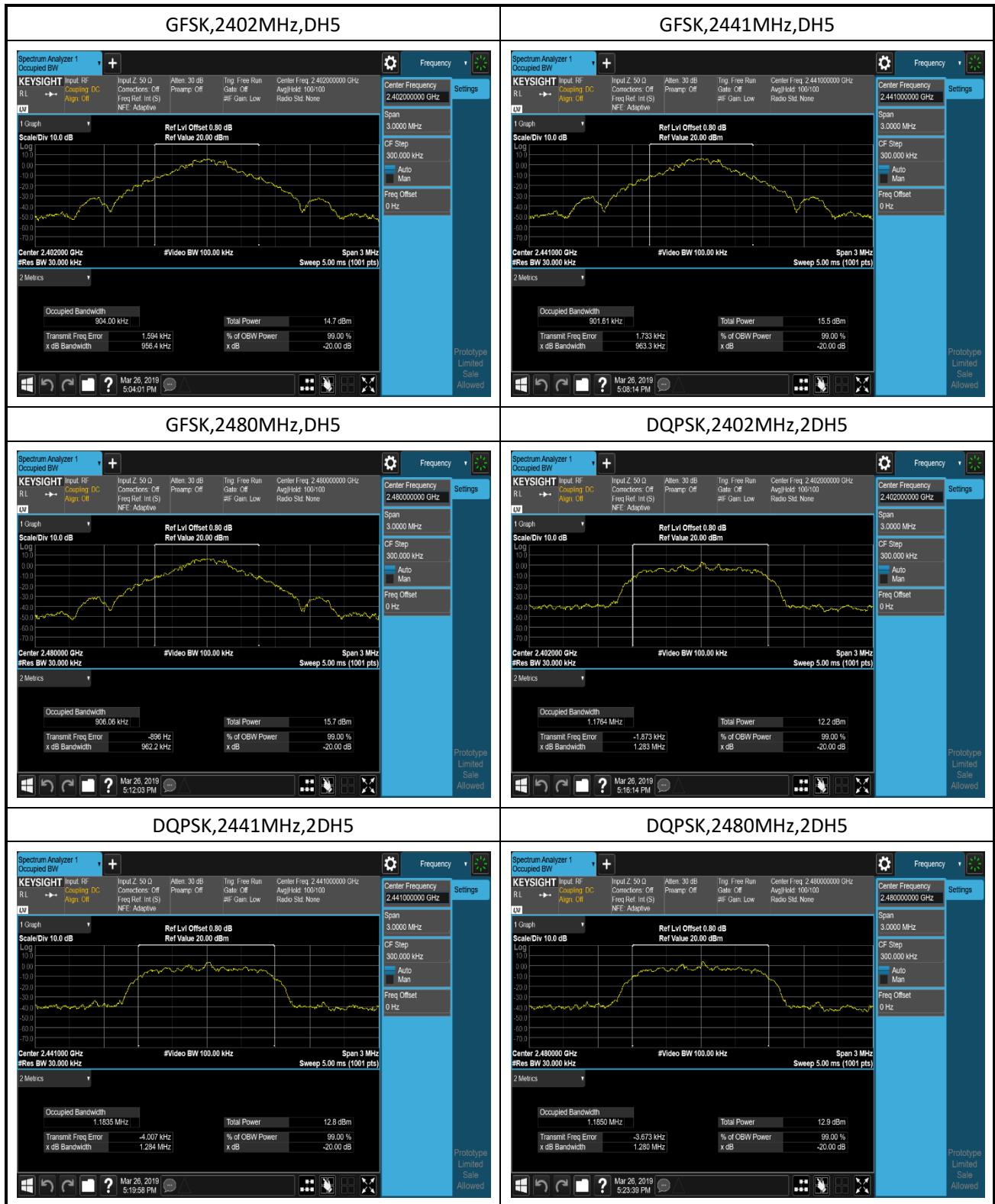


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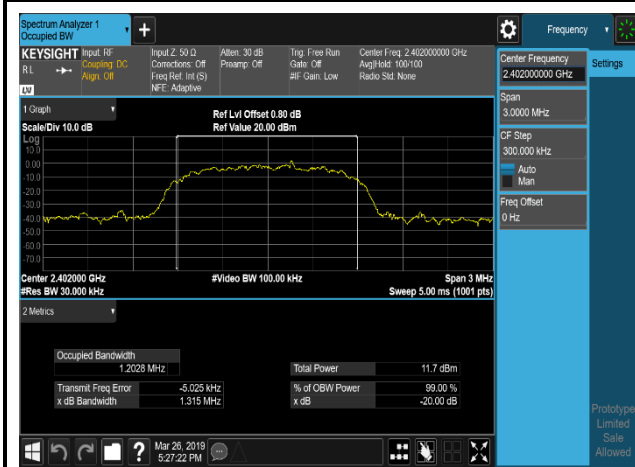
1.3 99% BandWidth

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	904.00	Pass
GFSK	2441	DH5	901.61	Pass
GFSK	2480	DH5	906.06	Pass
DQPSK	2402	2DH5	1176.36	Pass
DQPSK	2441	2DH5	1183.47	Pass
DQPSK	2480	2DH5	1185.02	Pass
8DPSK	2402	3DH5	1202.79	Pass
8DPSK	2441	3DH5	1189.48	Pass
8DPSK	2480	3DH5	1195.51	Pass



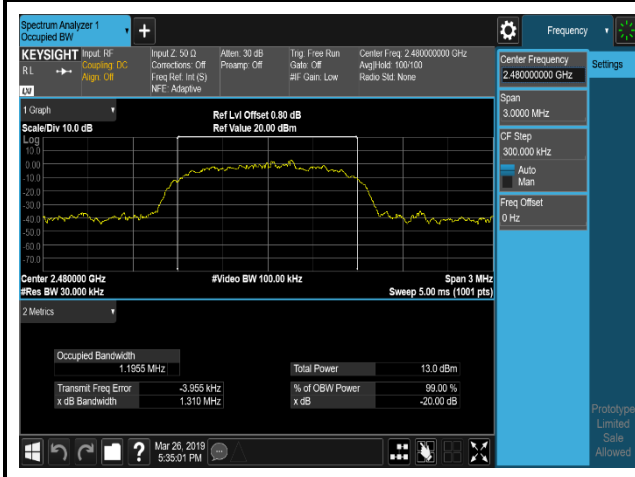
8DPSK,2402MHz,3DH5



8DPSK,2441MHz,3DH5



8DPSK,2480MHz,3DH5



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1.4 Transmitter Spurious Emission

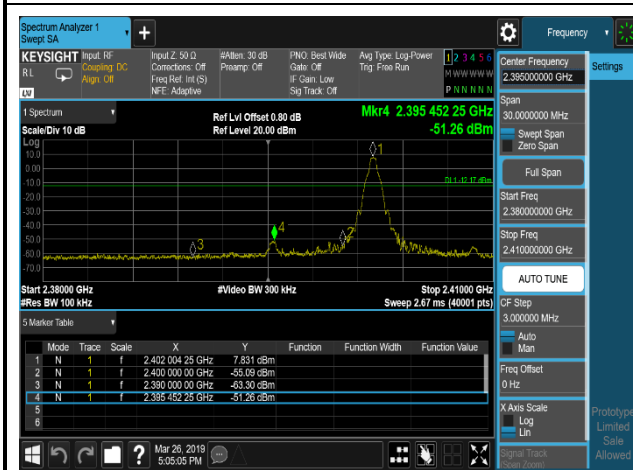
1.4.1 Test Result and Data

BT Transmitter Spurious Emission					
Mode	Test Frequency (MHz)	Packet Type	Frequency Range	Power (dBm)	Result
GFSK	2402	DH5	0.009MHz~2380MHz	-55.36	Pass
GFSK	2402	DH5	10000MHz~25000MHz	-51.50	Pass
GFSK	2402	DH5	2410MHz~10000MHz	-45.32	Pass
GFSK	2402	DH5	Band Edge	-51.26	Pass
GFSK	2441	DH5	0.009MHz~2300MHz	-51.33	Pass
GFSK	2441	DH5	10000MHz~25000MHz	-51.33	Pass
GFSK	2441	DH5	2500MHz~10000MHz	-45.84	Pass
GFSK	2441	DH5	Band Edge	-59.95	Pass
GFSK	2480	DH5	0.009MHz~2475MHz	-49.55	Pass
GFSK	2480	DH5	10000MHz~25000MHz	-50.83	Pass
GFSK	2480	DH5	2505MHz~10000MHz	-50.84	Pass
GFSK	2480	DH5	Band Edge	-53.60	Pass
DQPSK	2402	2DH5	0.009MHz~2380MHz	-51.76	Pass
DQPSK	2402	2DH5	10000MHz~25000MHz	-51.51	Pass
DQPSK	2402	2DH5	2410MHz~10000MHz	-55.08	Pass
DQPSK	2402	2DH5	Band Edge	-49.32	Pass
DQPSK	2441	2DH5	0.009MHz~2300MHz	-46.55	Pass
DQPSK	2441	2DH5	10000MHz~25000MHz	-51.26	Pass
DQPSK	2441	2DH5	2500MHz~10000MHz	-53.79	Pass
DQPSK	2441	2DH5	Band Edge	-59.83	Pass
DQPSK	2480	2DH5	0.009MHz~2475MHz	-51.95	Pass
DQPSK	2480	2DH5	10000MHz~25000MHz	-51.12	Pass
DQPSK	2480	2DH5	2505MHz~10000MHz	-55.03	Pass
DQPSK	2480	2DH5	Band Edge	-53.92	Pass
8DPSK	2402	3DH5	0.009MHz~2380MHz	-58.04	Pass
8DPSK	2402	3DH5	10000MHz~25000MHz	-51.21	Pass
8DPSK	2402	3DH5	2410MHz~10000MHz	-54.92	Pass

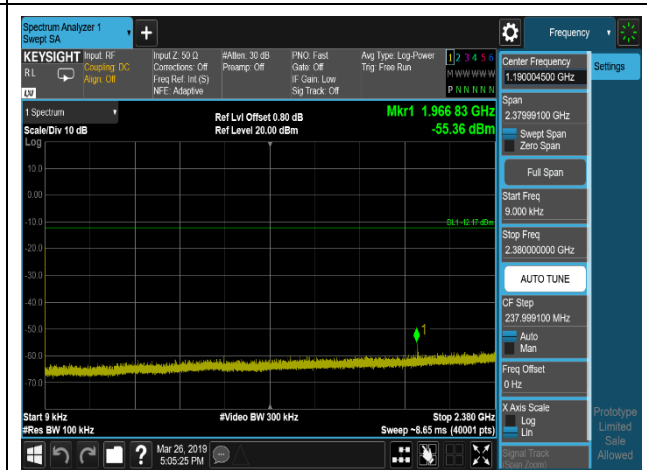
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8DPSK	2402	3DH5	Band Edge	-48.82	Pass
8DPSK	2441	3DH5	0.009MHz~2300MHz	-51.49	Pass
8DPSK	2441	3DH5	10000MHz~25000MHz	-51.32	Pass
8DPSK	2441	3DH5	2500MHz~10000MHz	-54.94	Pass
8DPSK	2441	3DH5	Band Edge	-59.71	Pass
8DPSK	2480	3DH5	0.009MHz~2475MHz	-50.61	Pass
8DPSK	2480	3DH5	10000MHz~25000MHz	-51.48	Pass
8DPSK	2480	3DH5	2505MHz~10000MHz	-54.06	Pass
8DPSK	2480	3DH5	Band Edge	-53.58	Pass

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



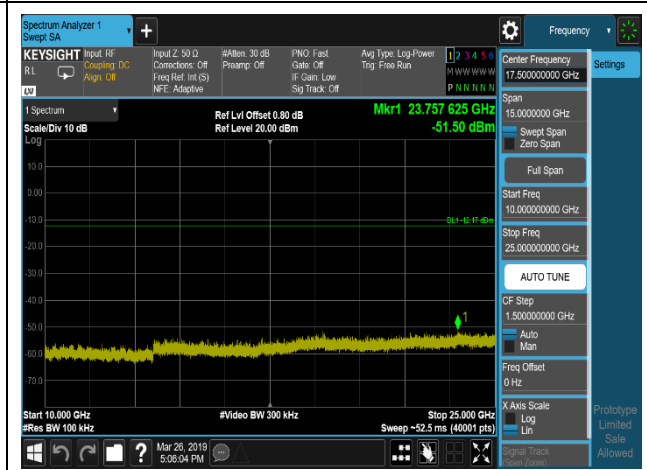
GFSK,2402MHz,DH5,Plot 2,0.009MHz~2380 MHz



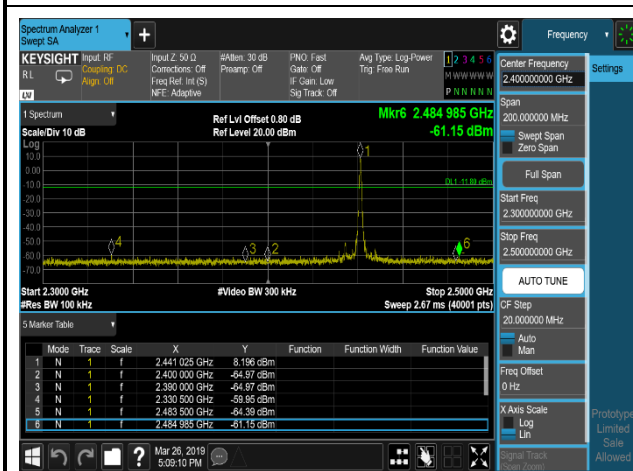
GFSK,2402MHz,DH5,Plot 3,2410MHz~10000 MHz



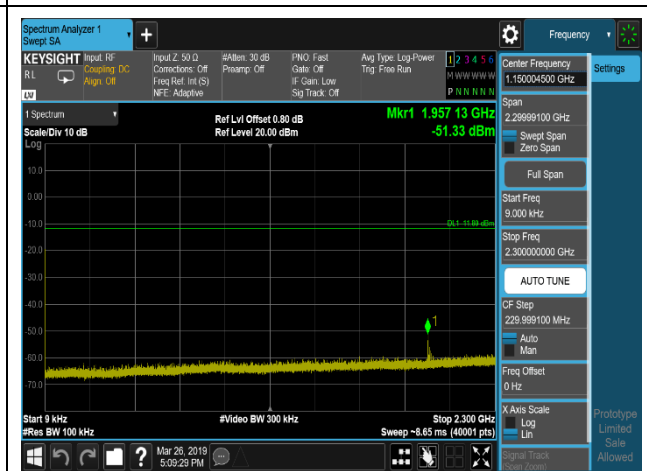
GFSK,2402MHz,DH5,Plot 4,10000MHz~2500 0MHz



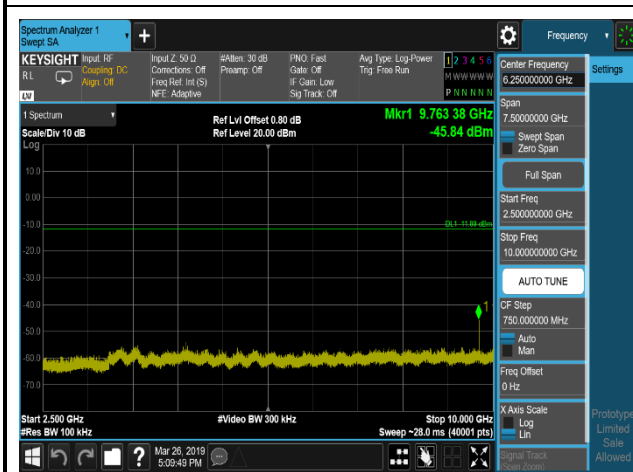
GFSK,2441MHz,DH5,Plot 1,Band Edge



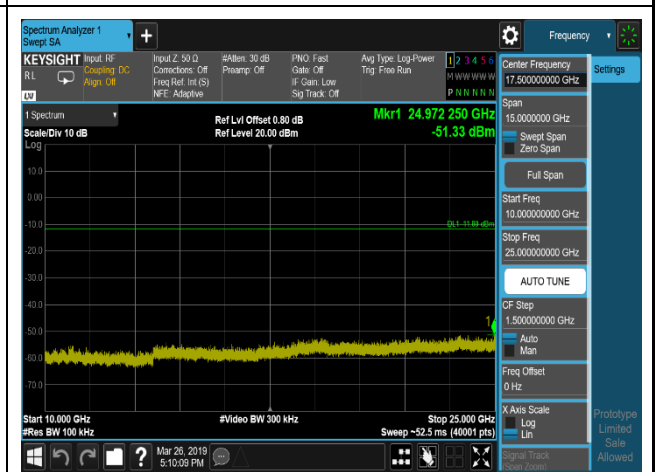
GFSK,2441MHz,DH5,Plot 2,0.009MHz~2300 MHz



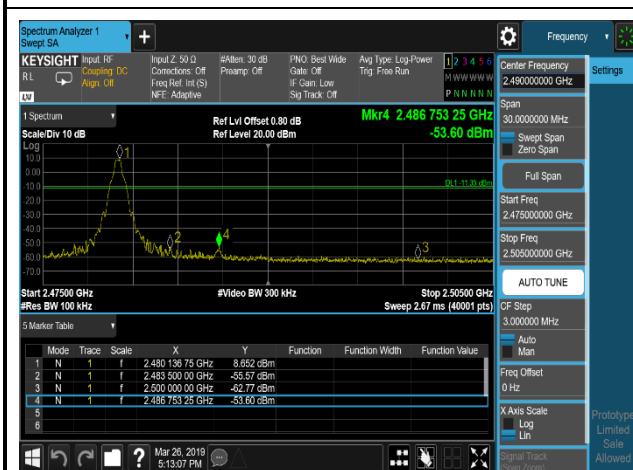
GFSK,2441MHz,DH5,Plot 3,2500MHz~10000 MHz



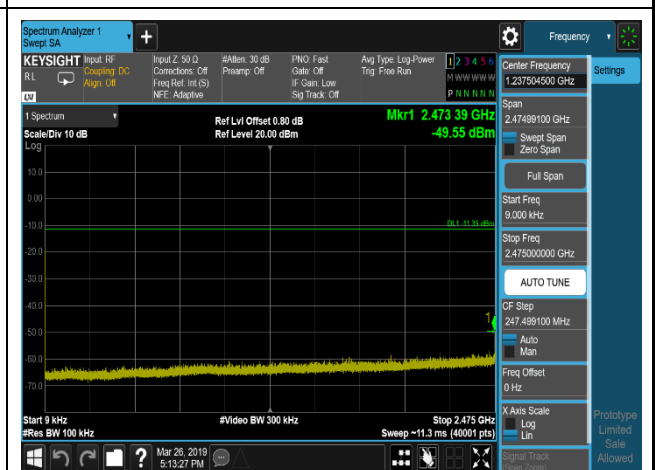
GFSK,2441MHz,DH5,Plot 4,10000MHz~25000 MHz



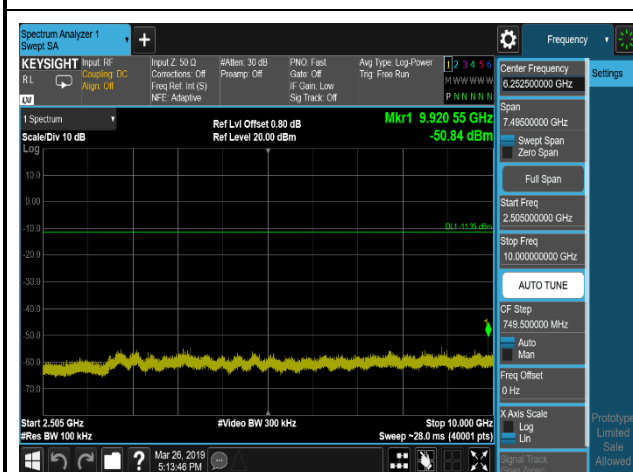
GFSK,2480MHz,DH5,Plot 1,Band Edge



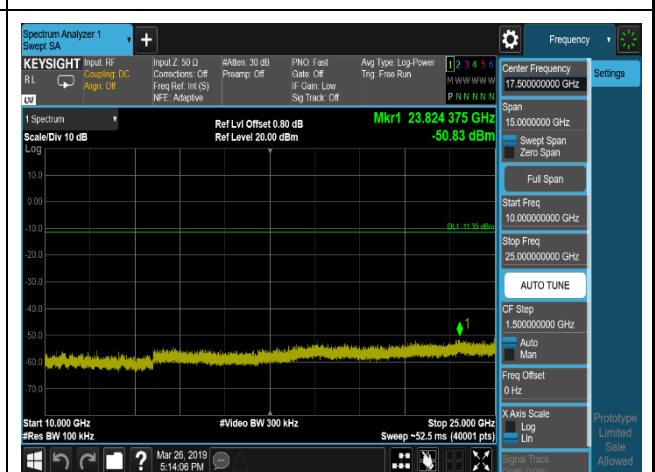
GFSK,2480MHz,DH5,Plot 2,0.009MHz~2475 MHz



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

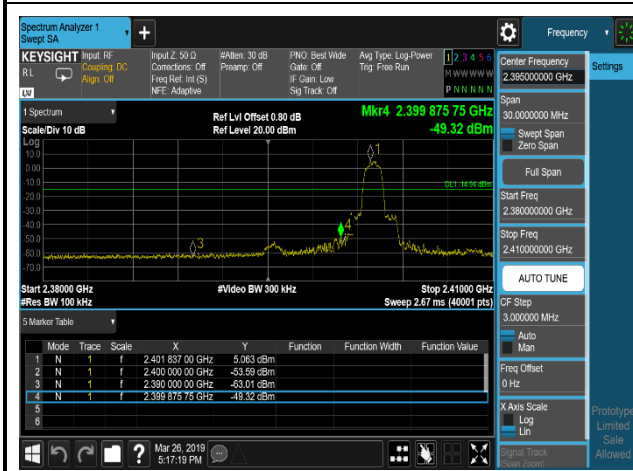


GFSK,2480MHz,DH5,Plot 4,10000MHz~25000 MHz



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

Edge



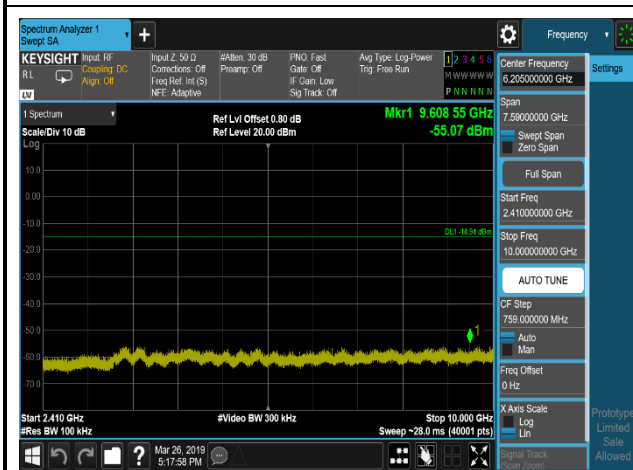
DQPSK,2402MHz,2DH5,Plot 2,0.009MHz~23

80MHz



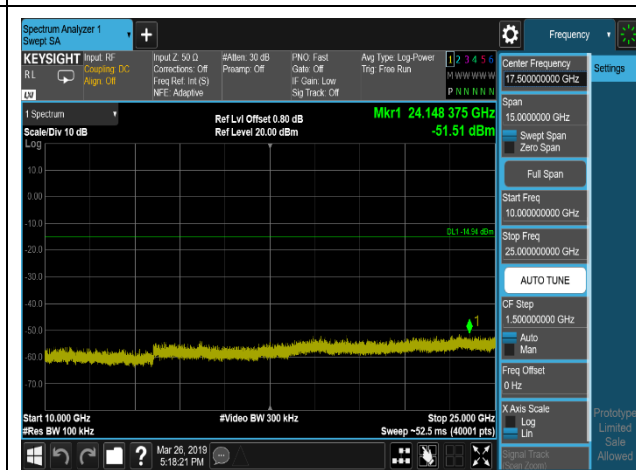
DQPSK,2402MHz,2DH5,Plot 3,2410MHz~100

00MHz



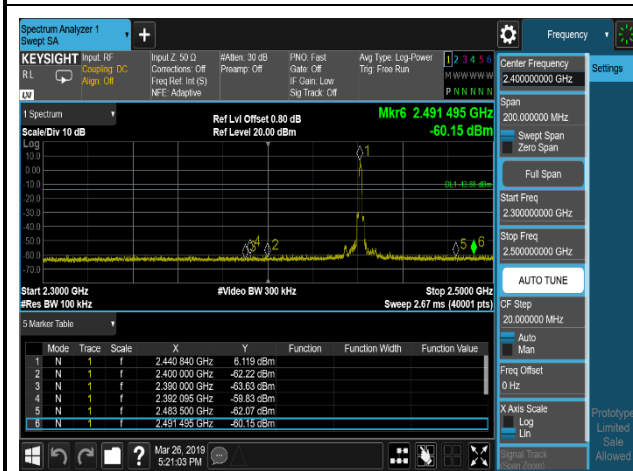
DQPSK,2402MHz,2DH5,Plot 4,10000MHz~25

00MHz



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

Edge



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

00MHz

