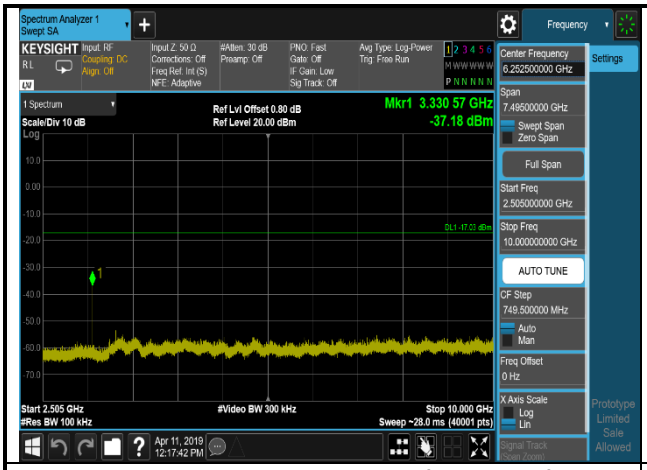
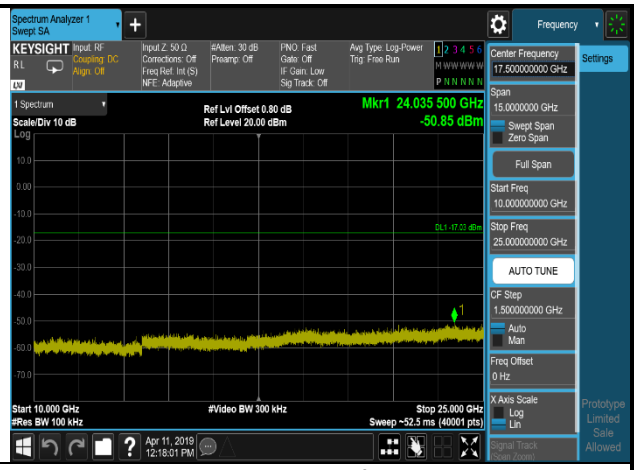
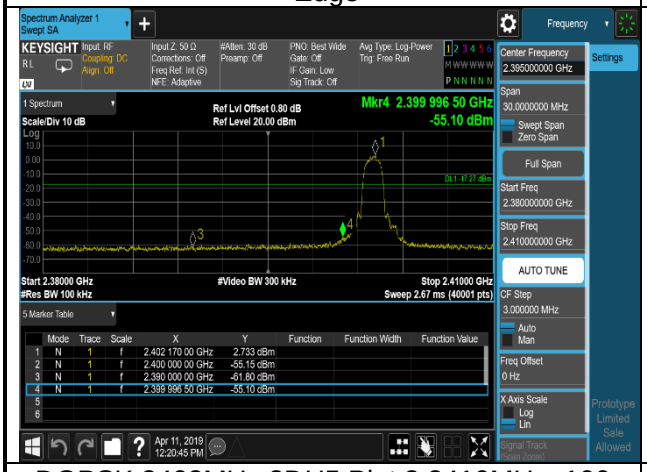
TEST REPORT



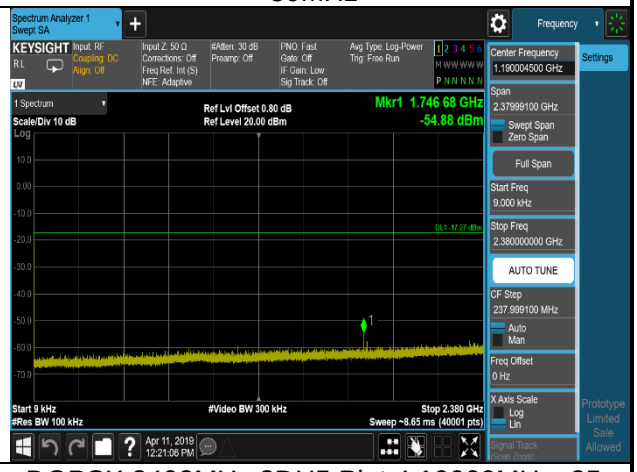
DQPSK,2402MHz,2DH5,Plot 1,Band Edge



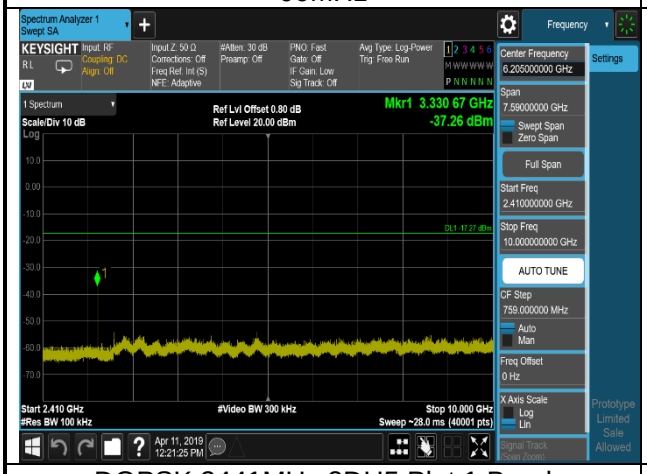
DQPSK,2402MHz,2DH5,Plot 2,0.009MHz~2380MHz



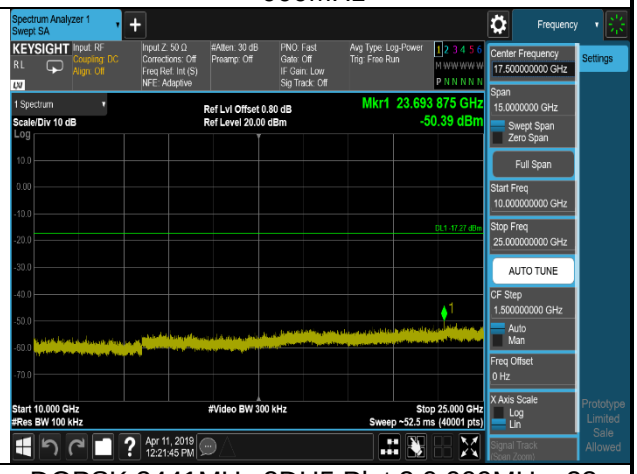
DQPSK,2402MHz,2DH5,Plot 3,2410MHz~10000MHz



DQPSK,2402MHz,2DH5,Plot 4,10000MHz~25000MHz

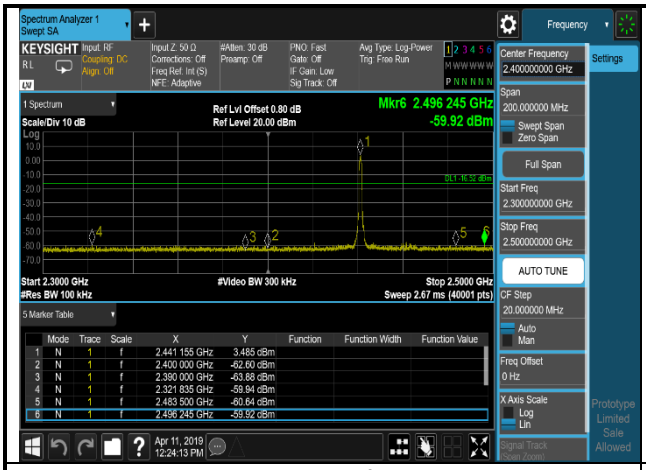


DQPSK,2441MHz,2DH5,Plot 1,Band Edge

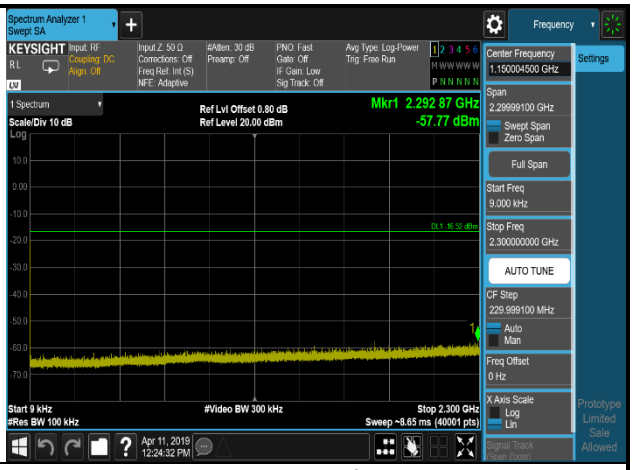


DQPSK,2441MHz,2DH5,Plot 2,0.009MHz~2300MHz

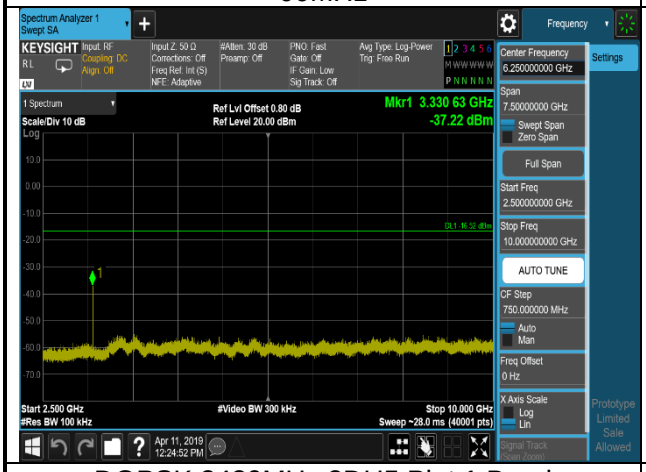
TEST REPORT



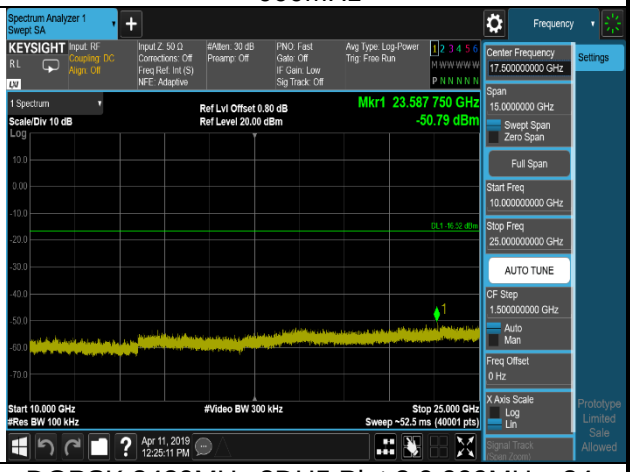
DQPSK,2441MHz,2DH5,Plot 3,2500MHz~10000MHz



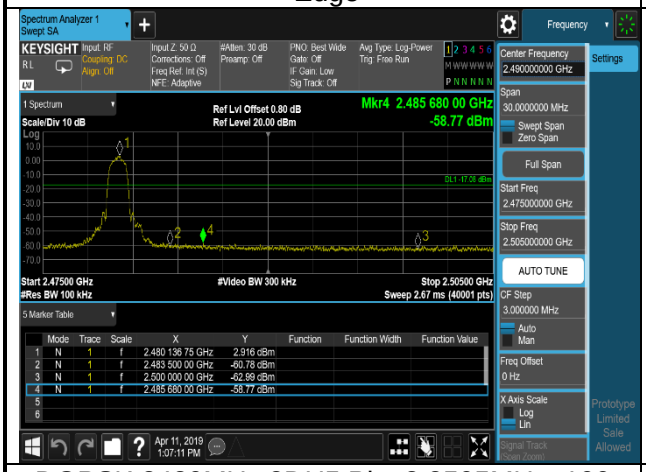
DQPSK,2441MHz,2DH5,Plot 4,10000MHz~25000MHz



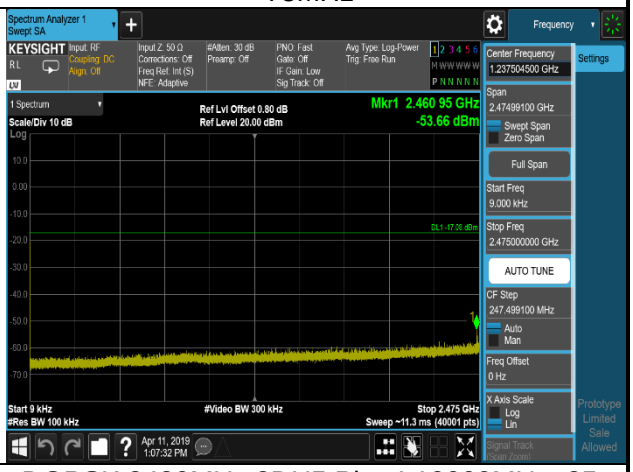
DQPSK,2480MHz,2DH5,Plot 1,Band Edge



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

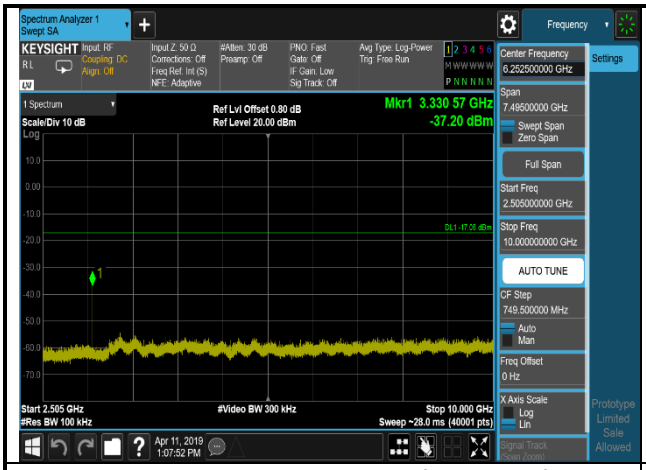


DQPSK,2480MHz,2DH5,Plot 3,2505MHz~10000MHz

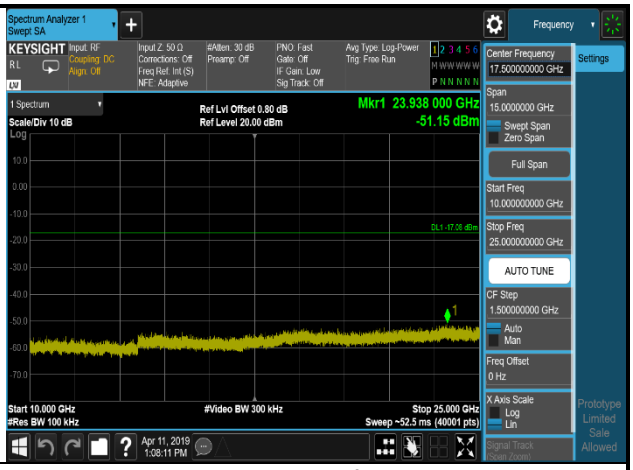


DQPSK,2480MHz,2DH5,Plot 4,10000MHz~25000MHz

TEST REPORT

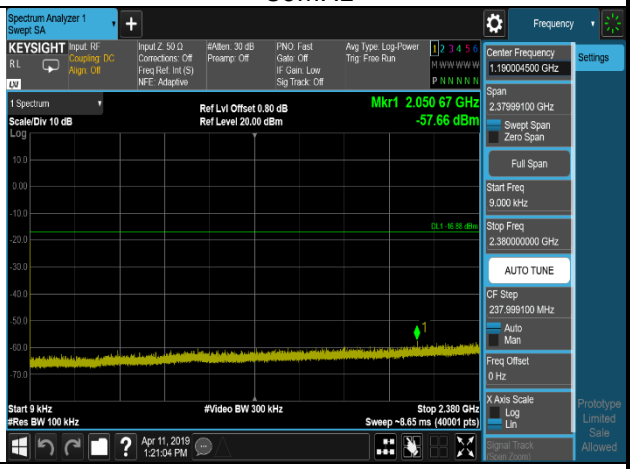


8DPSK,2402MHz,3DH5,Plot 1,Band Edge

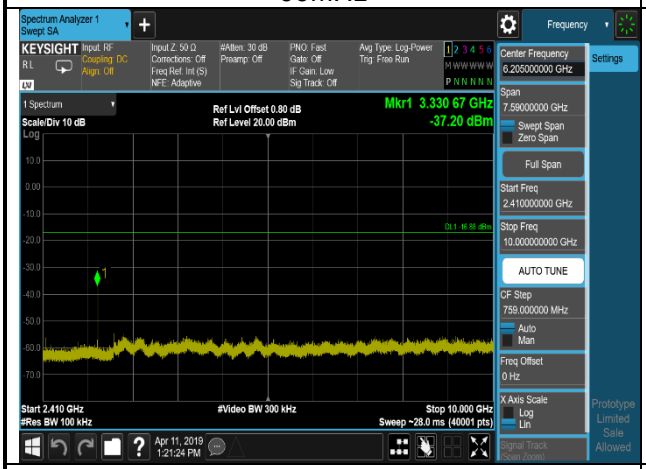


8DPSK,2402MHz,3DH5,Plot 2,0.009MHz~2380MHz

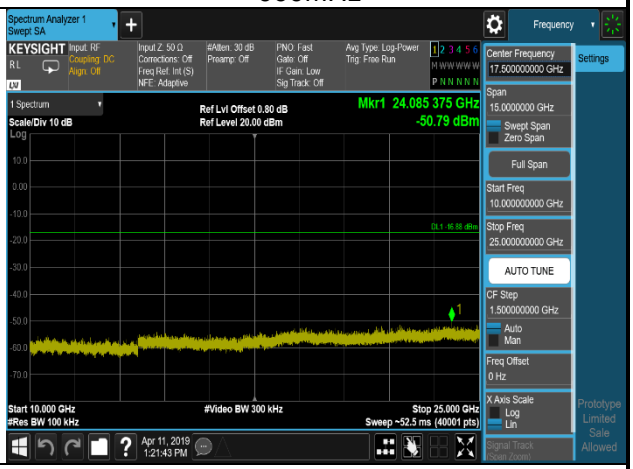
8DPSK,2402MHz,3DH5,Plot 3,2410MHz~10000MHz



8DPSK,2402MHz,3DH5,Plot 4,10000MHz~25000MHz

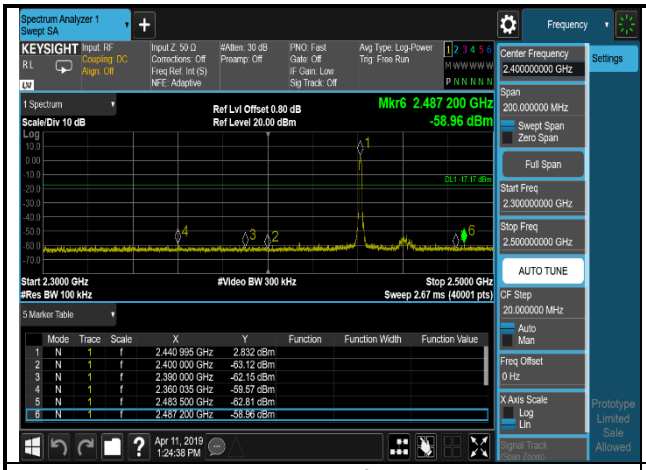


8DPSK,2441MHz,3DH5,Plot 1,Band Edge

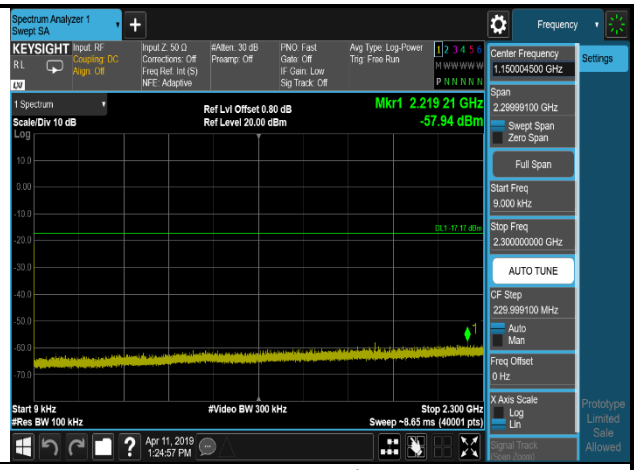


8DPSK,2441MHz,3DH5,Plot 2,0.009MHz~2300MHz

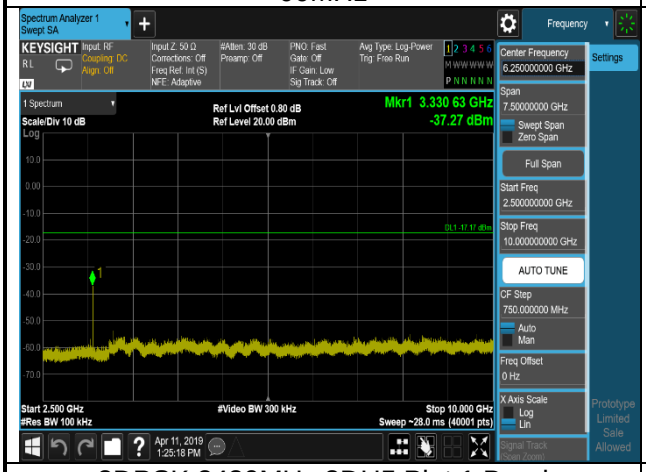
TEST REPORT



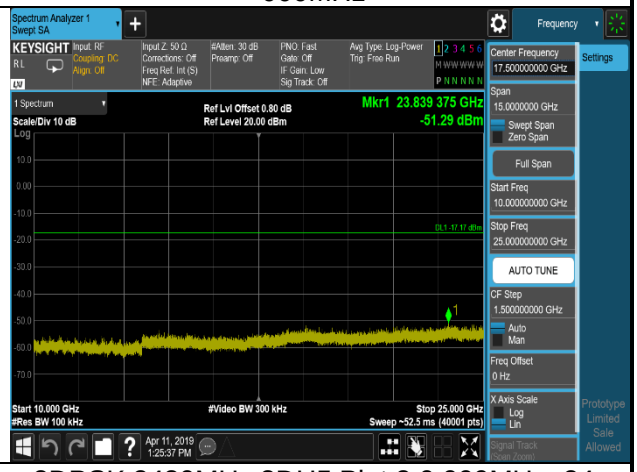
8DPSK,2441MHz,3DH5,Plot 3,2500MHz~10000MHz



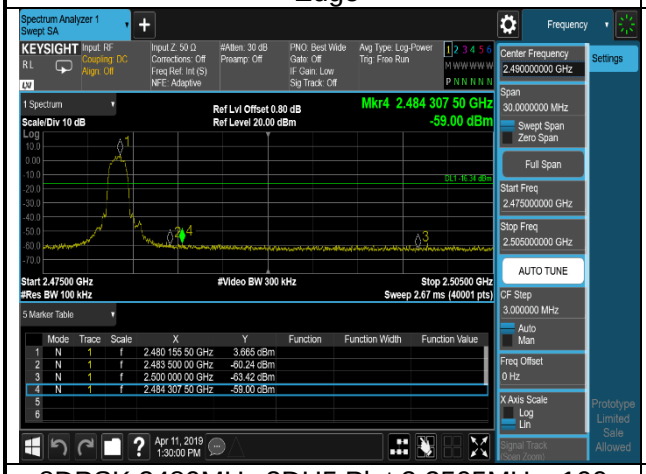
8DPSK,2441MHz,3DH5,Plot 4,10000MHz~25000MHz



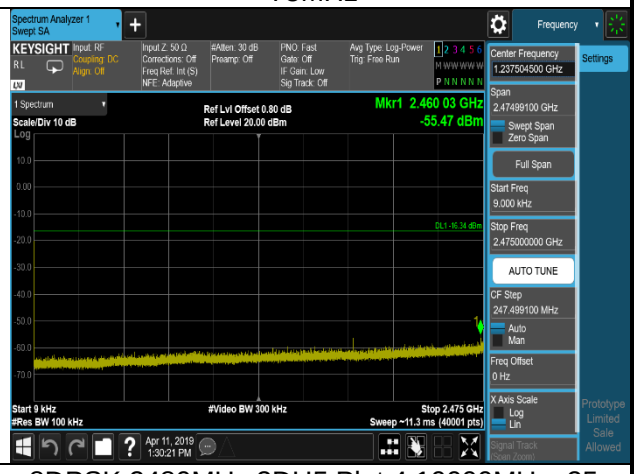
8DPSK,2480MHz,3DH5,Plot 1,Band Edge



8DPSK,2480MHz,3DH5,Plot 2,0.009MHz~2475MHz



8DPSK,2480MHz,3DH5,Plot 3,2505MHz~10000MHz



8DPSK,2480MHz,3DH5,Plot 4,10000MHz~25000MHz

TEST REPORT

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Frequency
Center Frequency
6.282500000 GHz
Span
7.49500000 GHz
Swept Span
Zero Span
Full Span
Start Freq
2.505000000 GHz
Stop Freq
10.000000000 GHz
AUTO TUNE
CF Step
749.500000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Settings
1 Spectrum
Ref Lvl Offset 0.80 dB
Ref Level 20.00 dBm
Mkr1 3.330 57 GHz
-37.20 dBm
Scale/Div 10 dB
Start 2.505 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Stop 10.000 GHz
Sweep ~28.0 ms (40001 pts)
Apr 11, 2019
1:30:40 PM
Prototype
Limited
Sale
Allowed
Spectrum Analyzer 1
Swept SA
KEYSIGHT
Frequency
Center Frequency
17.500000000 GHz
Span
15.0000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
10.000000000 GHz
Stop Freq
25.000000000 GHz
AUTO TUNE
CF Step
1.500000000 GHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Settings
1 Spectrum
Ref Lvl Offset 0.80 dB
Ref Level 20.00 dBm
Mkr1 24.500 875 GHz
-51.39 dBm
Scale/Div 10 dB
Start 10.000 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Stop 25.000 GHz
Sweep ~52.5 ms (40001 pts)
Apr 11, 2019
1:31:00 PM
Prototype
Limited
Sale
Allowed

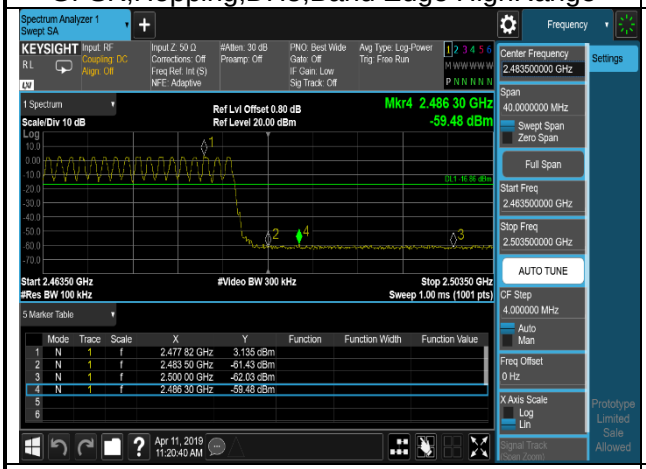
5. Band Edge - Hopping on mode

5.1 Test Data

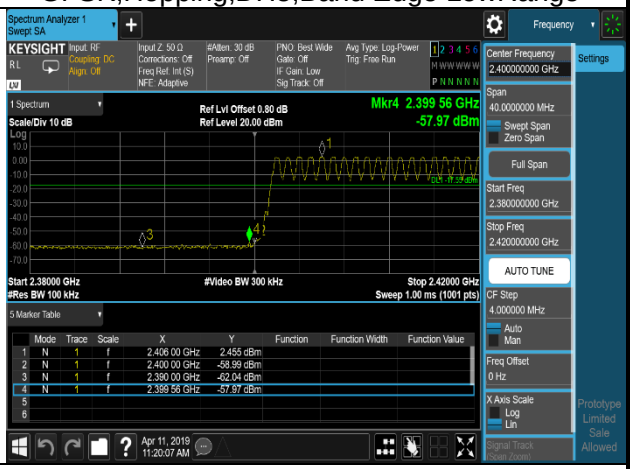
BT Frequency Band Edges-Conducted						
Mode	Test Range (MHz)	Packet Type	Hopping Mode	Band Edge (dBm)	Limit	Result
GFSK	2380~2420	DH5	Hopping On	-57.97	-17.545	Pass
GFSK	2463.5~2503.5	DH5	Hopping On	-59.48	-16.865	Pass
DQPSK	2380~2420	2DH5	Hopping On	-56.54	-16.706	Pass
DQPSK	2463.5~2503.5	2DH5	Hopping On	-59.44	-16.916	Pass
8DPSK	2380~2420	3DH5	Hopping On	-56.56	-16.588	Pass
8DPSK	2463.5~2503.5	3DH5	Hopping On	-58.76	-16.281	Pass

5.2 Test Plots

GFSK,Hopping,DH5,Band Edge HighRange



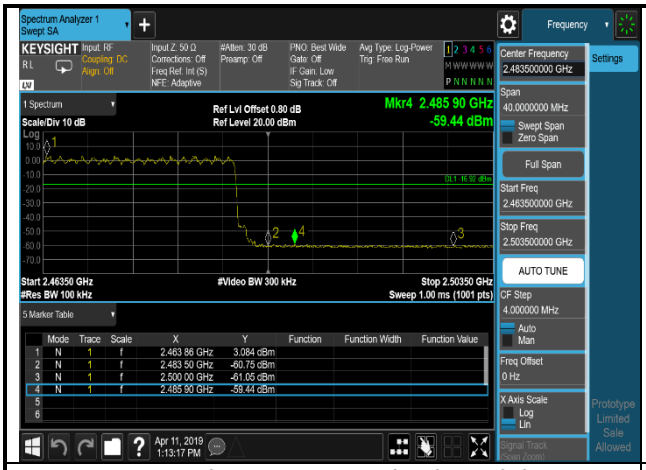
GFSK,Hopping,DH5,Band Edge LowRange



DQPSK,Hopping,2DH5,Band Edge HighRange

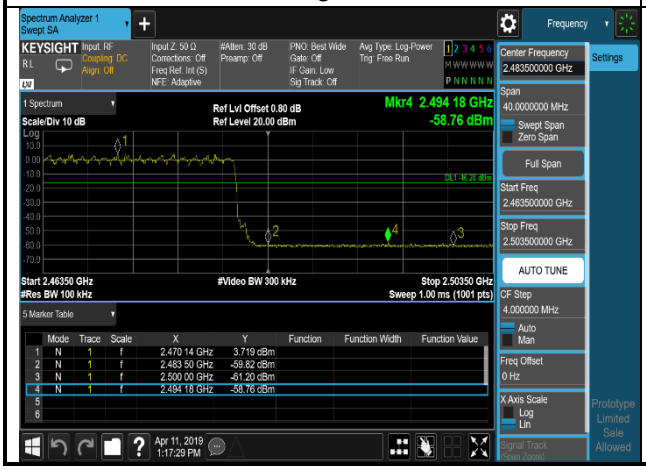
DQPSK,Hopping,2DH5,Band Edge LowRange

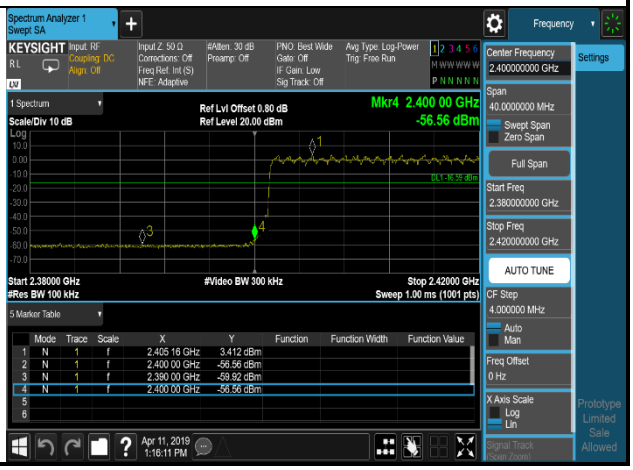
TEST REPORT



8DPSK,Hopping,3DH5,Band Edge HighRang e

8DPSK,Hopping,3DH5,Band Edge LowRange





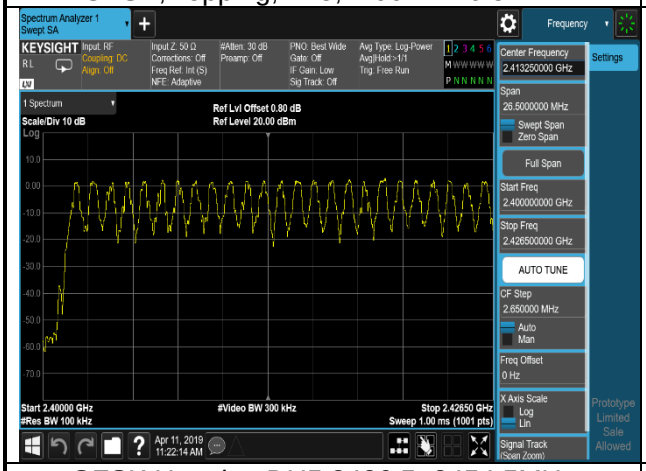
6. Number of Hopping Frequencies

6.1 Test Data

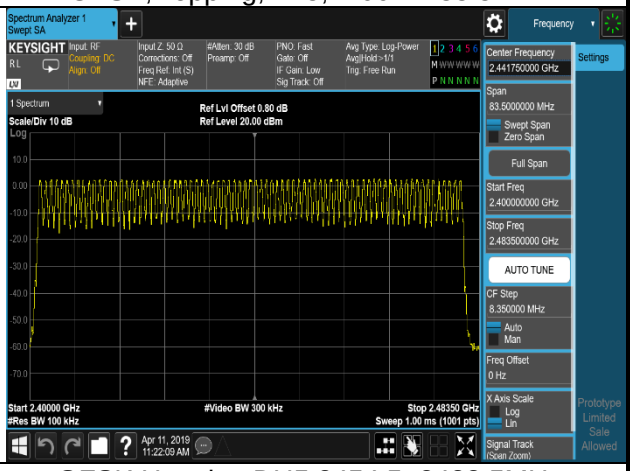
BT Number Of Hopping Channels				
Mode	Test Frequency	Packet Type	Hopping Number	Result
GFSK	Hopping	DH5	79	Pass

6.2 Test Plots

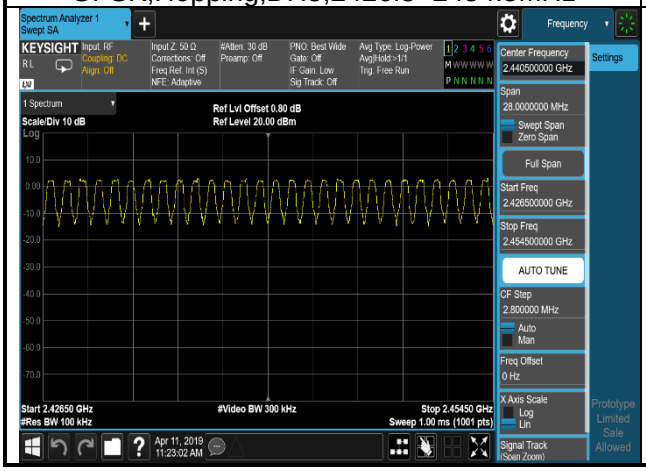
GFSK,Hopping,DH5,2400~2426.5MHz



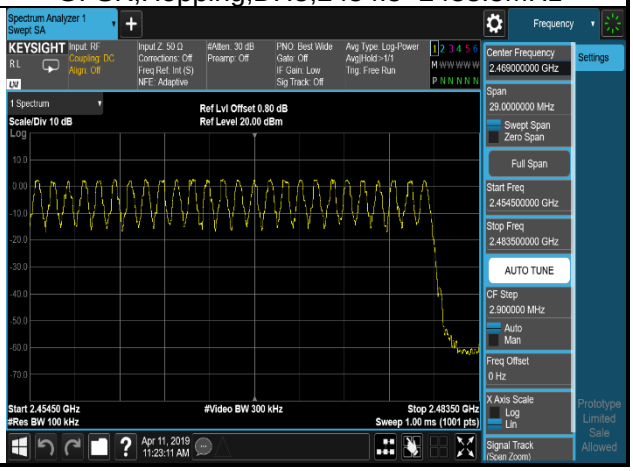
GFSK,Hopping,DH5,2400~2483.5MHz



GFSK,Hopping,DH5,2426.5~2454.5MHz



GFSK,Hopping,DH5,2454.5~2483.5MHz



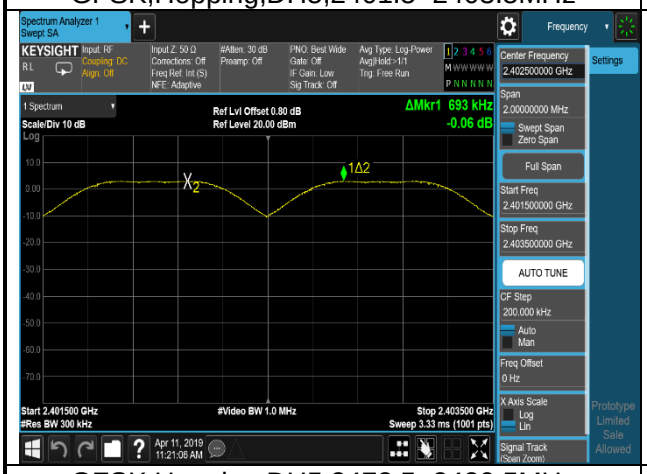
7. Carrier Frequency Separation

7.1 Test Data

BT Carrier Frequency Separation					
Mode	Test Frequency	Packet Type	Range(MHz~MHz)	Separation(kHz)	Result
GFSK	Hopping	DH5	2401.5MHz~2403.5MHz	693	Pass
GFSK	Hopping	DH5	2440.5MHz~2442.5MHz	1009	Pass
GFSK	Hopping	DH5	2478.5MHz~2480.5MHz	1321	Pass

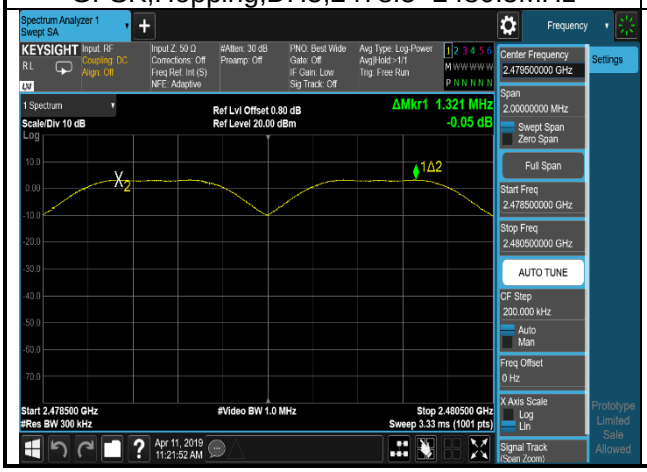
7.2 Test Plots

GFSK,Hopping,DH5,2401.5~2403.5MHz



GFSK,Hopping,DH5,2440.5~2442.5MHz

GFSK,Hopping,DH5,2478.5~2480.5MHz



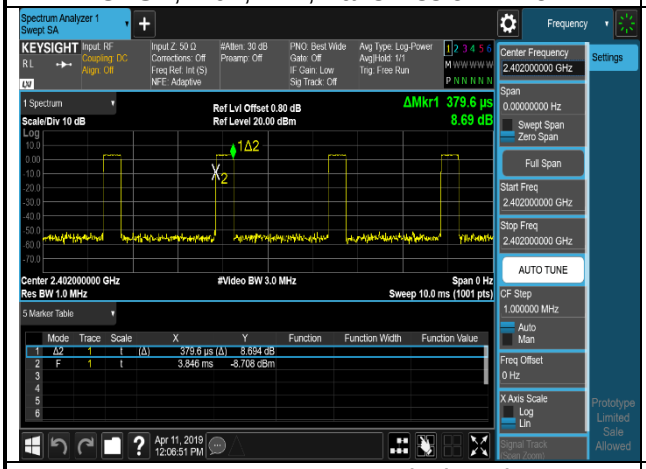
8. Dwell time

8.1 Test Data

BT Dwell Time						
Mode	Test Frequency	Packet Type	Transmission Time(ms)	Number	Dwell Time(ms)	Result
GFSK	2402	DH1	0.380	150	56.94	Pass
GFSK	2402	DH3	1.628	120	195.40	Pass
GFSK	2402	DH5	2.867	100	286.71	Pass

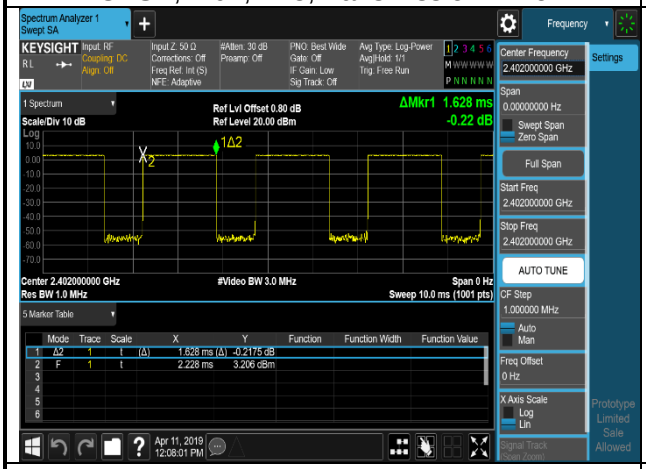
8.2 Test Plots

GFSK,2402,DH1,Transmission Time

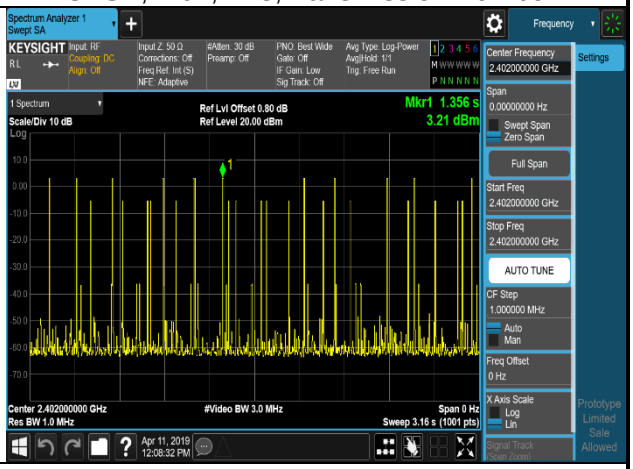


GFSK,2402,DH1,Transmission Number

GFSK,2402,DH3,Transmission Time



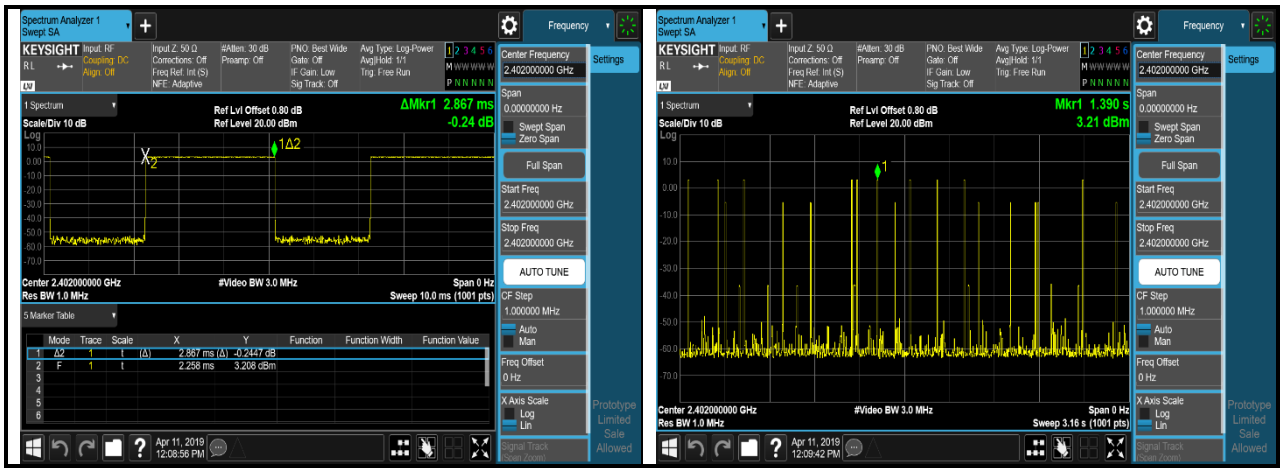
GFSK,2402,DH3,Transmission Number



GFSK,2402,DH5,Transmission Time

GFSK,2402,DH5,Transmission Number

TEST REPORT



********** END **********