

1. Transmitter 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	-1.31	Pass
GFSK	2441	DH5	-1.03	Pass
GFSK	2480	DH5	-1.12	Pass
DQPSK	2402	2DH5	-0.61	Pass
DQPSK	2441	2DH5	-0.33	Pass
DQPSK	2480	2DH5	-0.40	Pass

GFSK,2402MHz,DH5



GFSK,2441MHz,DH5



GFSK,2480MHz,DH5



DQPSK,2402MHz,2DH5



DQPSK,2441MHz,2DH5



DQPSK,2480MHz,2DH5



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	928.4	Pass
GFSK	2441	DH5	935.1	Pass
GFSK	2480	DH5	936.9	Pass
DQPSK	2402	2DH5	1296.1	Pass
DQPSK	2441	2DH5	1300.2	Pass
DQPSK	2480	2DH5	1308.8	Pass

GFSK,2402MHz,DH5



GFSK,2441MHz,DH5



GFSK,2480MHz,DH5



DQPSK,2402MHz,2DH5



DQPSK,2441MHz,2DH5



DQPSK,2480MHz,2DH5



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	856.02	Pass
GFSK	2441	DH5	850.56	Pass
GFSK	2480	DH5	857.23	Pass
DQPSK	2402	2DH5	1207.28	Pass
DQPSK	2441	2DH5	1205.43	Pass
DQPSK	2480	2DH5	1204.89	Pass

GFSK,2402MHz,DH5



GFSK,2441MHz,DH5



GFSK,2480MHz,DH5



DQPSK,2402MHz,2DH5



DQPSK,2441MHz,2DH5



DQPSK,2480MHz,2DH5

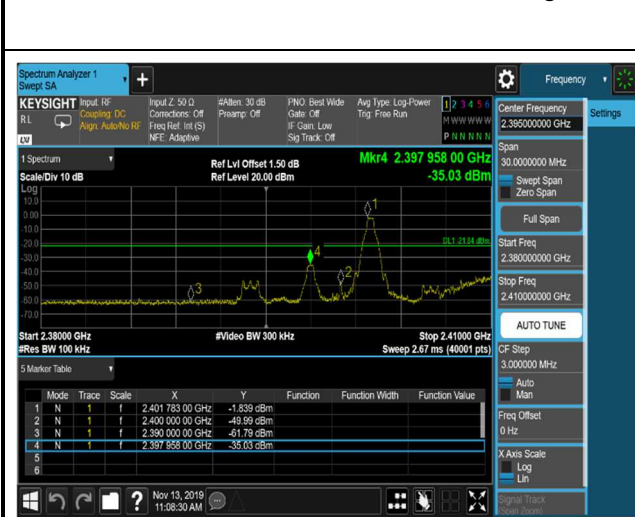


1.4 Transmitter Spurious Emission

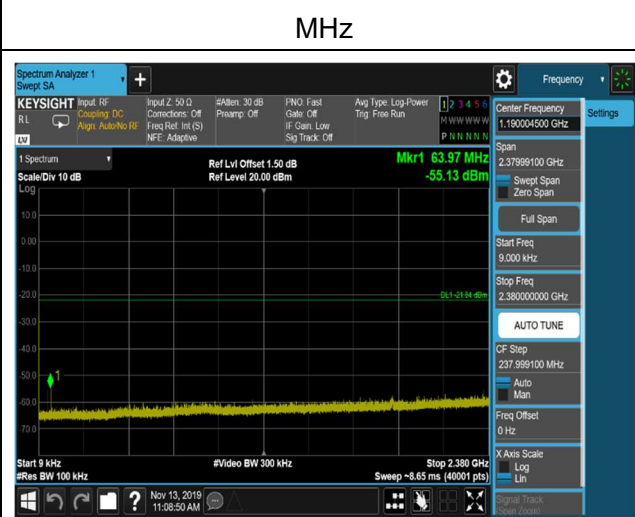
1.4.1 Test Result and Data

BT Transmitter Spurious Emission					
Mode	Test Frequency (MHz)	Packet Type	Frequency Range	Power (dBm)	Result
GFSK	2402	DH5	0.009MHz~2380MHz	-55.13	Pass
GFSK	2402	DH5	10000MHz~25000MHz	-50.25	Pass
GFSK	2402	DH5	2410MHz~10000MHz	-43.79	Pass
GFSK	2402	DH5	Band Edge	-35.03	Pass
GFSK	2441	DH5	0.009MHz~2300MHz	-53.68	Pass
GFSK	2441	DH5	10000MHz~25000MHz	-49.80	Pass
GFSK	2441	DH5	2500MHz~10000MHz	-44.22	Pass
GFSK	2441	DH5	Band Edge	-52.14	Pass
GFSK	2480	DH5	0.009MHz~2475MHz	-41.60	Pass
GFSK	2480	DH5	10000MHz~25000MHz	-49.66	Pass
GFSK	2480	DH5	2505MHz~10000MHz	-46.53	Pass
GFSK	2480	DH5	Band Edge	-48.92	Pass
DQPSK	2402	2DH5	0.009MHz~2380MHz	-51.33	Pass
DQPSK	2402	2DH5	10000MHz~25000MHz	-50.00	Pass
DQPSK	2402	2DH5	2410MHz~10000MHz	-43.36	Pass
DQPSK	2402	2DH5	Band Edge	-35.00	Pass
DQPSK	2441	2DH5	0.009MHz~2300MHz	-54.76	Pass
DQPSK	2441	2DH5	10000MHz~25000MHz	-49.71	Pass
DQPSK	2441	2DH5	2500MHz~10000MHz	-46.02	Pass
DQPSK	2441	2DH5	Band Edge	-53.29	Pass
DQPSK	2480	2DH5	0.009MHz~2475MHz	-42.15	Pass
DQPSK	2480	2DH5	10000MHz~25000MHz	-50.31	Pass
DQPSK	2480	2DH5	2505MHz~10000MHz	-47.92	Pass
DQPSK	2480	2DH5	Band Edge	-48.92	Pass

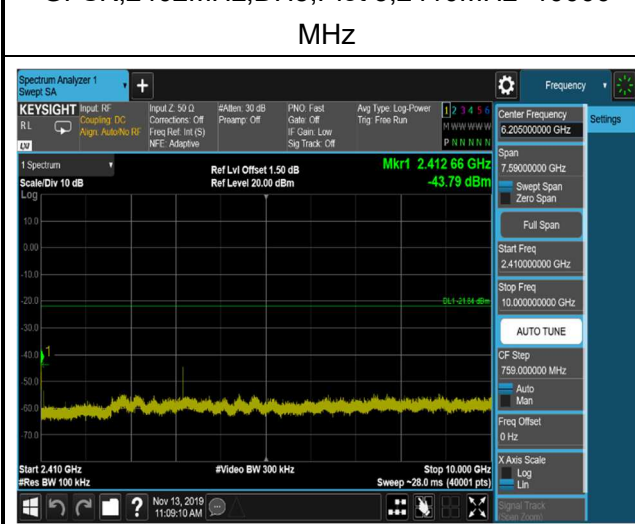
GFSK,2402MHz,DH5,Plot 1,Band Edge



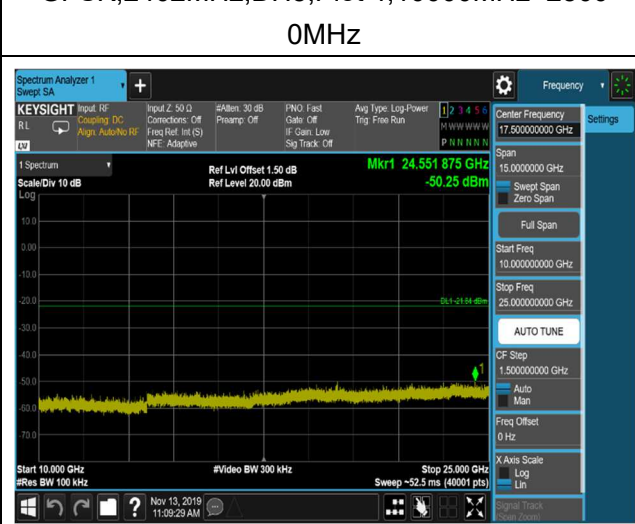
GFSK,2402MHz,DH5,Plot 2,0.009MHz~2380



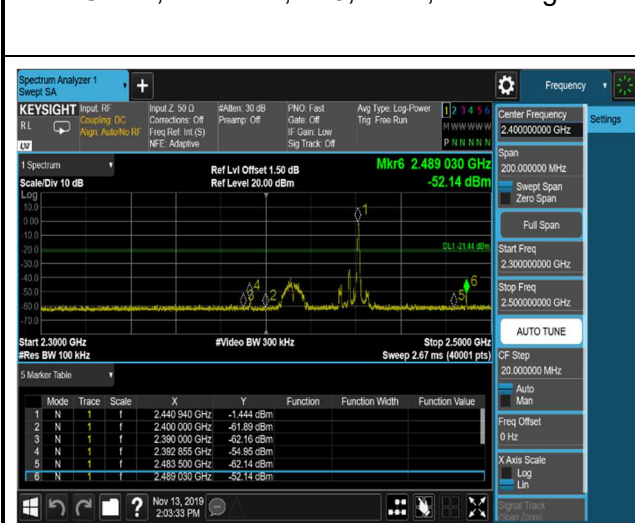
GFSK.2402MHz.DH5.Plot 3.2410MHz~10000



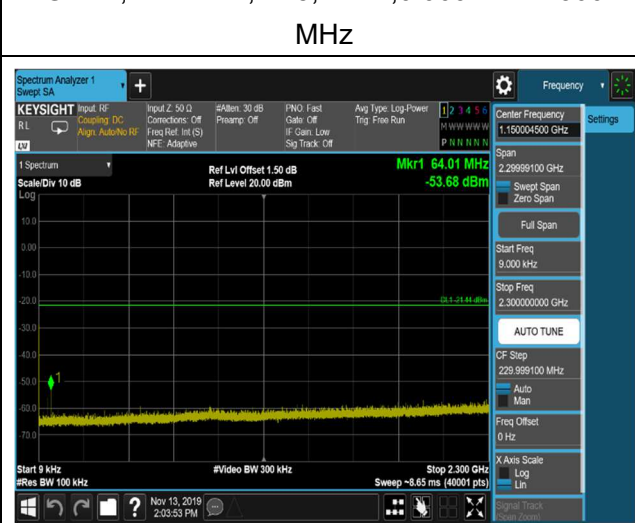
GFSK.2402MHz.DH5.Plot 4.10000MHz~2500



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

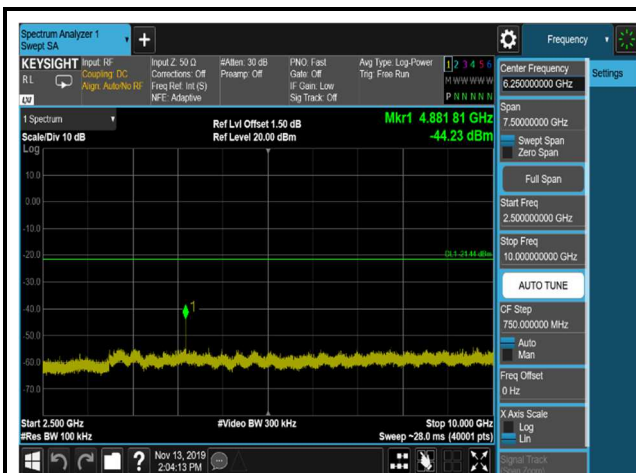


GFSK,2441MHz,DH5,Plot 2,0.009MHz~2300



GESK 2441MHz DH5 Plot 3 2500MHz~10000

GFSK 2441MHz DH5 Plot 4 10000MHz~2500



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



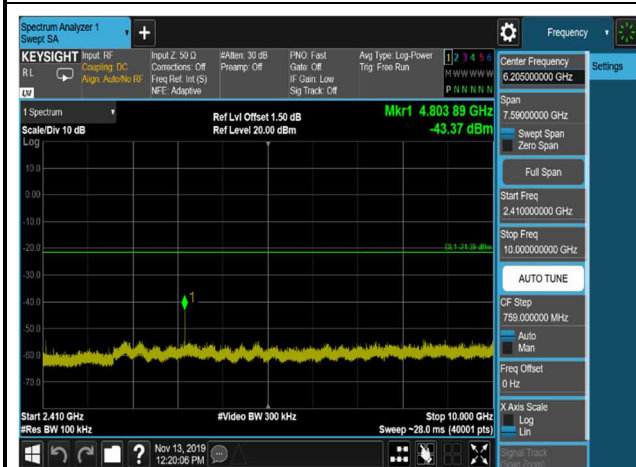
DQPSK,2402MHz,2DH5,Plot 2,0.009MHz~2380 MHz



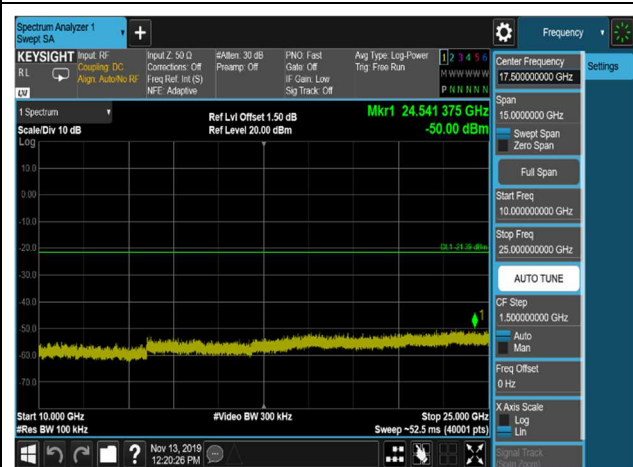
DQPSK,2402MHz,2DH5,Plot 3,2410MHz~10000MHz



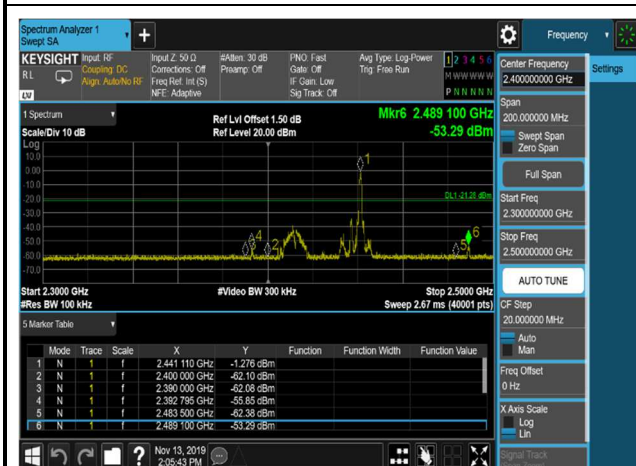
DQPSK,2402MHz,2DH5,Plot 4,10000MHz~25000MHz



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



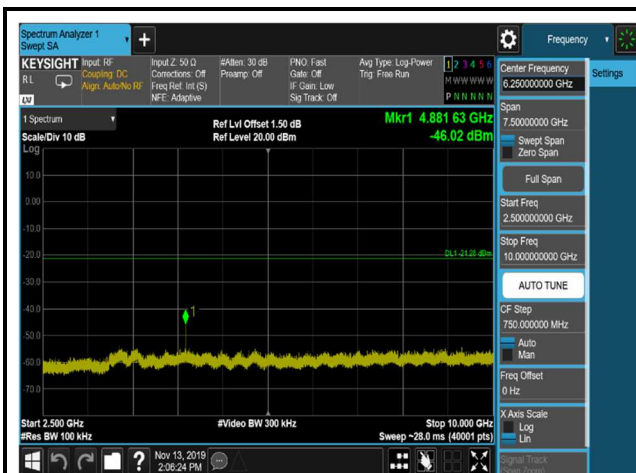
DQPSK,2441MHz,2DH5,Plot 2,0.009MHz~23000MHz



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~24
75MHz



DQPSK,2480MHz,2DH5,Plot 3,2505MHz~100
00MHz



DQPSK,2480MHz,2DH5,Plot 4,10000MHz~25
000MHz



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	-35.01	-21.19	Pass
GFSK	2463.5~2503.5	DH5	Hopping On	-48.92	-21.048	Pass
DQPSK	2380~2420	2DH5	Hopping On	-34.99	-21.193	Pass
DQPSK	2463.5~2503.5	2DH5	Hopping On	-49.41	-21.058	Pass

GFSK,Hopping,DH5,Band Edge HighRange



GFSK,Hopping,DH5,Band Edge LowRange



DQPSK,Hopping,2DH5,Band Edge HighRang

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DQPSK,Hopping,2DH5,Band Edge LowRange

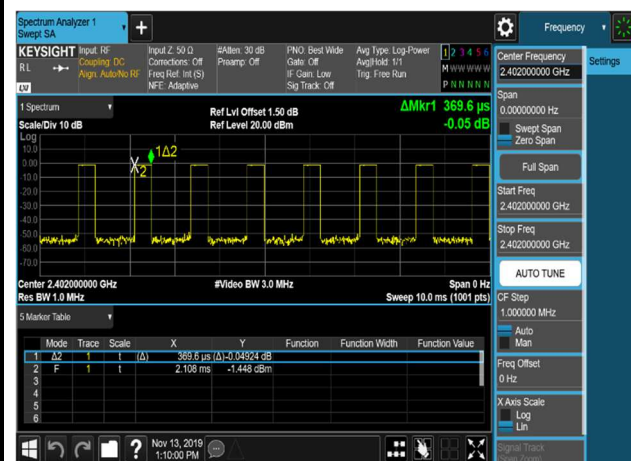


1.6 Dwell Time

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	0.370	320	118.28	Pass
GFSK	2402	DH3	1.628	70	113.99	Pass
GFSK	2402	DH5	2.877	10	28.77	Pass

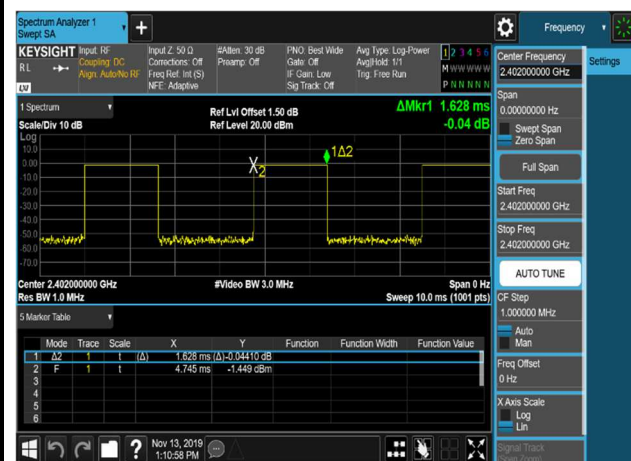
GFSK,2402,DH1,Transmission Time



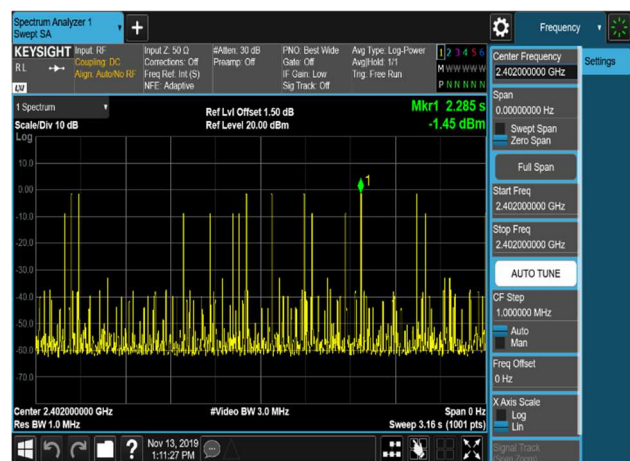
GFSK,2402,DH1,Transmission Number



GFSK,2402,DH3,Transmission Time



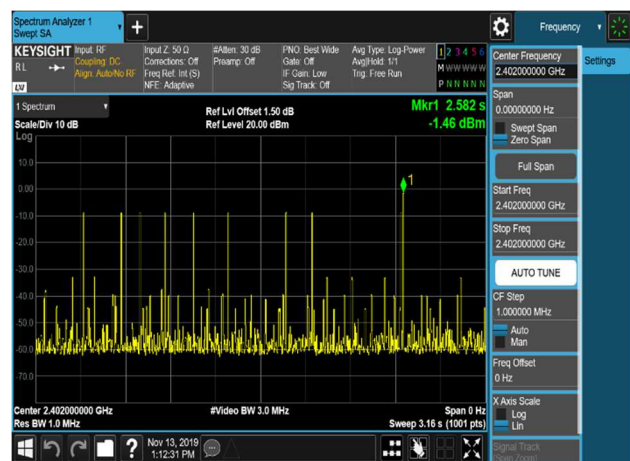
GFSK,2402,DH3,Transmission Number



GFSK,2402,DH5,Transmission Time



GFSK,2402,DH5,Transmission Number



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	1007	Pass
GFSK	Hopping	DH5	2478.5MHz~2480.5MHz	1005	Pass
DQPSK	Hopping	2DH5	2401.5MHz~2403.5MHz	981	Pass
DQPSK	Hopping	2DH5	2440.5MHz~2442.5MHz	1125	Pass
DQPSK	Hopping	2DH5	2478.5MHz~2480.5MHz	1127	Pass

GFSK,Hopping,DH5,2401.5~2403.5MHz



GFSK,Hopping,DH5,2440.5~2442.5MHz



GFSK,Hopping,DH5,2478.5~2480.5MHz



DQPSK,Hopping,2DH5,2401.5~2403.5MHz



DQPSK,Hopping,2DH5,2440.5~2442.5MHz



DQPSK,Hopping,2DH5,2478.5~2480.5MHz

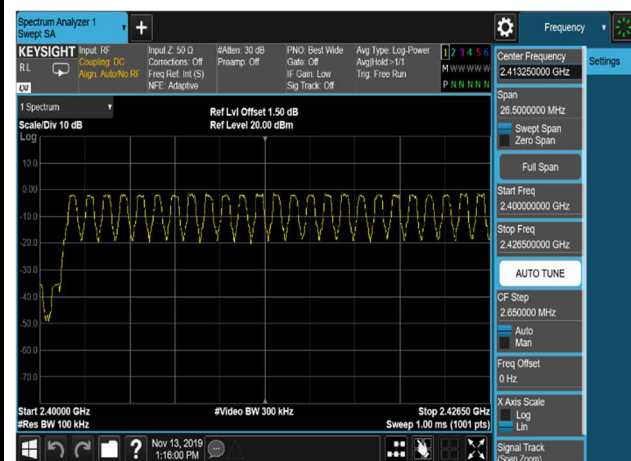


1.8 Hopping Channel Numbers

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
DQPSK	Hopping	2DH5	2400MHz~2483.5MHz	Pass

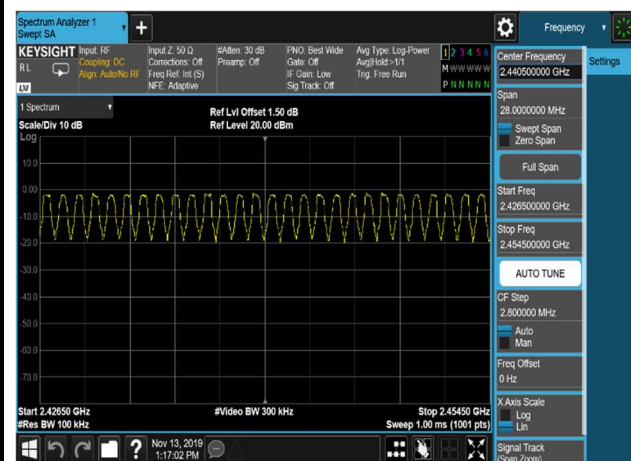
GFSK,Hopping,DH5,2400~2426.5MHz



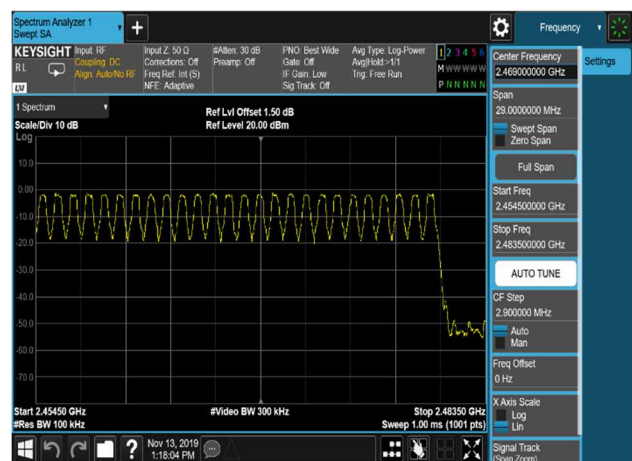
GFSK,Hopping,DH5,2400~2483.5MHz



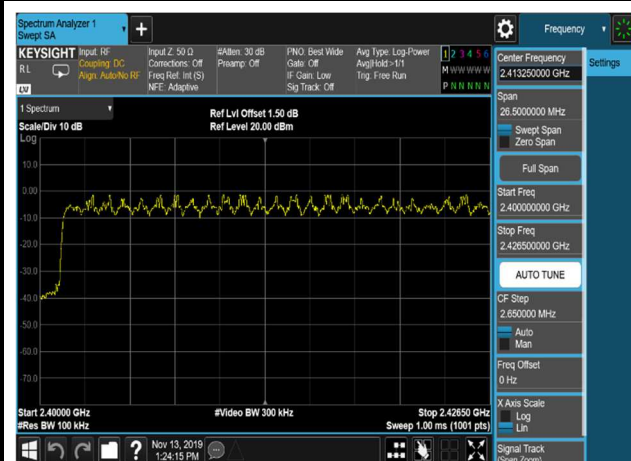
GFSK,Hopping,DH5,2426.5~2454.5MHz



GFSK,Hopping,DH5,2454.5~2483.5MHz



DQPSK,Hopping,2DH5,2400~2426.5MHz



DQPSK,Hopping,2DH5,2400~2483.5MHz



DQPSK,Hopping,2DH5,2426.5~2454.5MHz

DQPSK,Hopping,2DH5,2454.5~2483.5MHz

