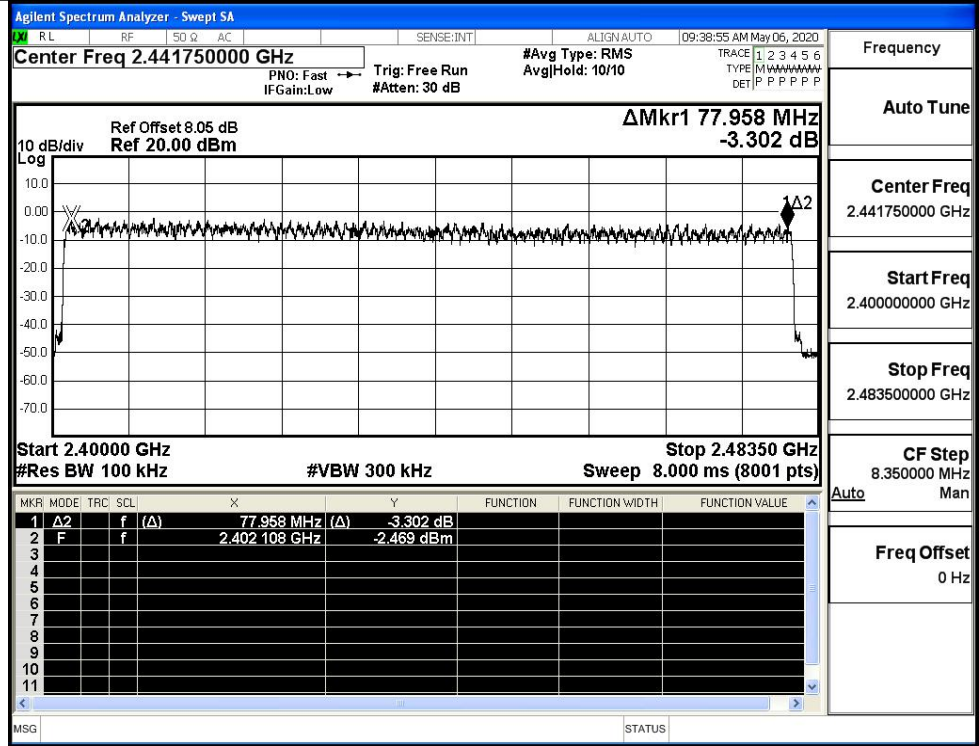
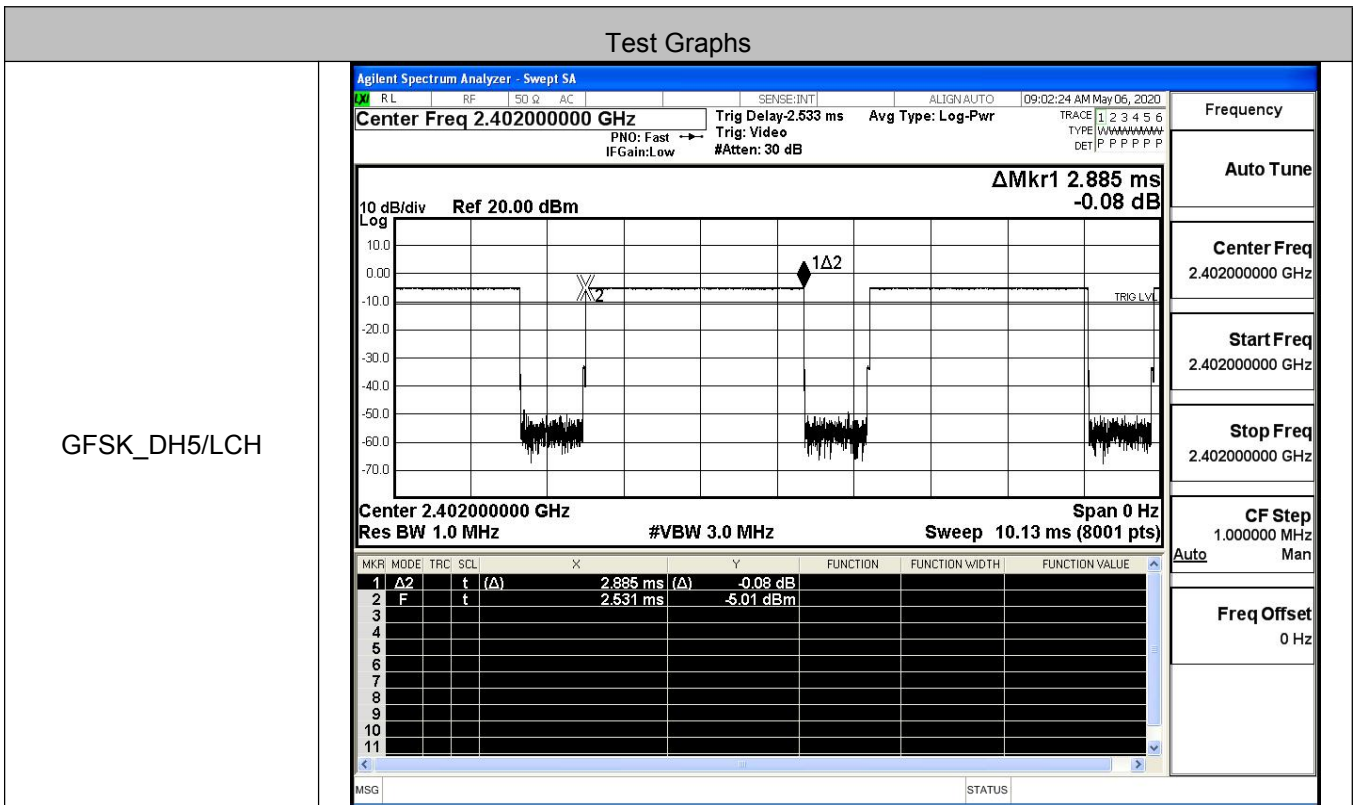


8DPSK/Hop

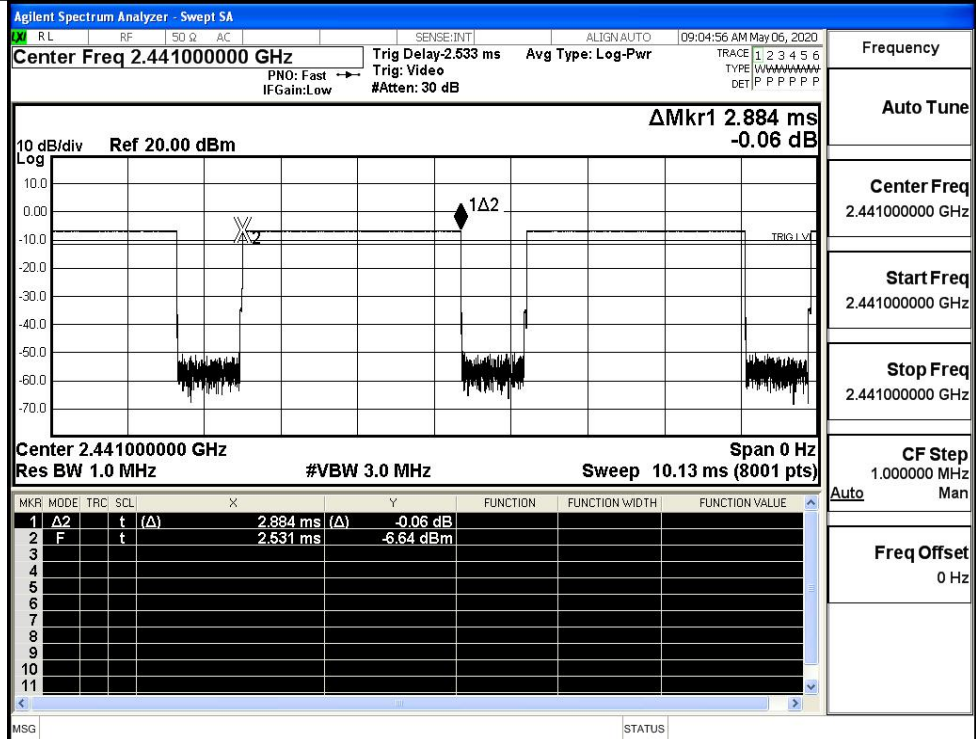


### A.5 Dwell Time

Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
GFSK	DH5	LCH	2.89	106.7	0.308	0.4	PASS
	DH5	MCH	2.88	106.7	0.307	0.4	PASS
	DH5	HCH	2.89	106.7	0.308	0.4	PASS
π/4DQPSK	2DH5	LCH	2.89	106.7	0.308	0.4	PASS
	2DH5	MCH	2.88	106.7	0.308	0.4	PASS
	2DH5	HCH	2.89	106.7	0.308	0.4	PASS
8DPSK	3DH5	LCH	2.89	106.7	0.308	0.4	PASS
	3DH5	MCH	2.88	106.7	0.308	0.4	PASS
	3DH5	HCH	2.89	106.7	0.308	0.4	PASS

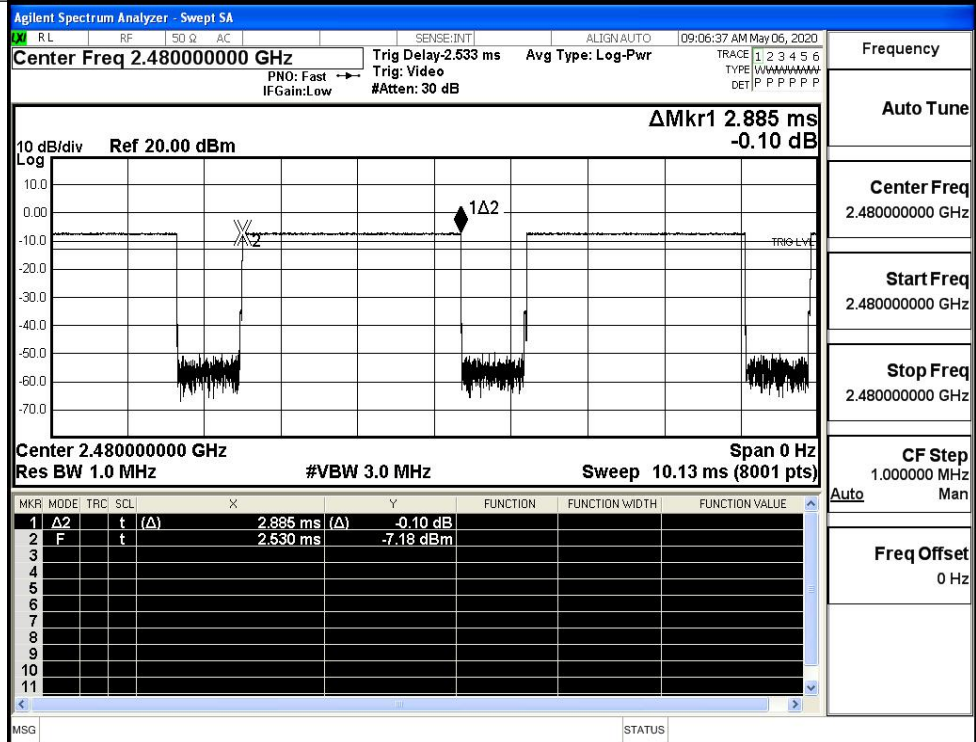


GFSK\_DH5/MCH



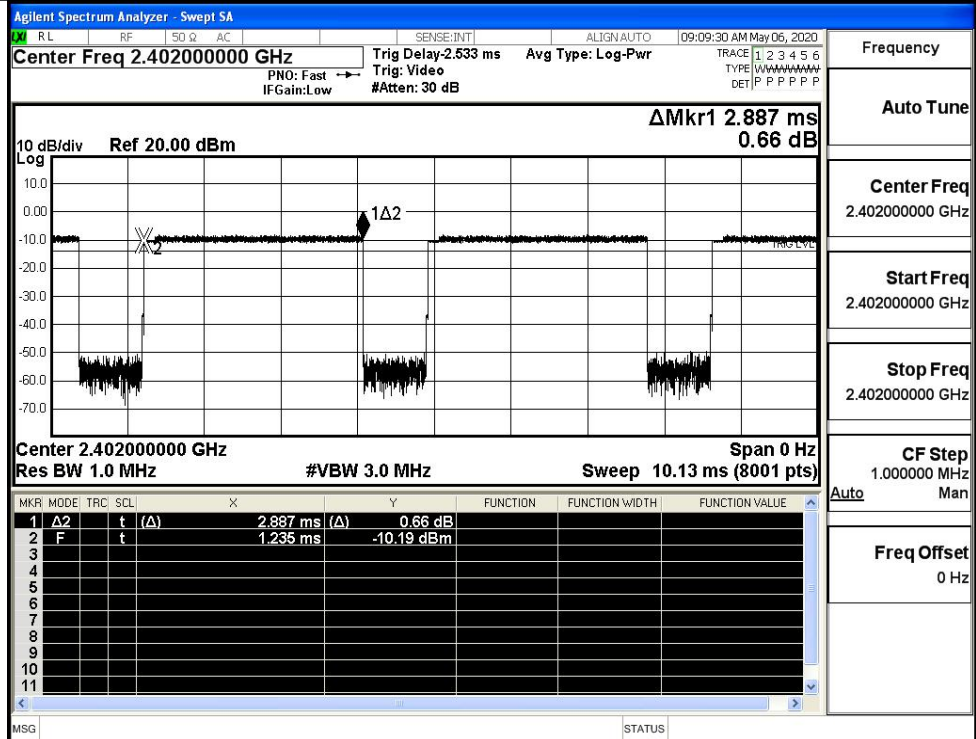
Frequency	
Auto Tune	
Center Freq	2.441000000 GHz
Start Freq	2.441000000 GHz
Stop Freq	2.441000000 GHz
CF Step	1.000000 MHz
Auto	Man
Freq Offset	0 Hz

GFSK\_DH5/HCH



Frequency	
Auto Tune	
Center Freq	2.480000000 GHz
Start Freq	2.480000000 GHz
Stop Freq	2.480000000 GHz
CF Step	1.000000 MHz
Auto	Man
Freq Offset	0 Hz

$\pi/4$ DQPSK  
\_2DH5/LCH



Frequency

Auto Tune

Center Freq  
2.402000000 GHz

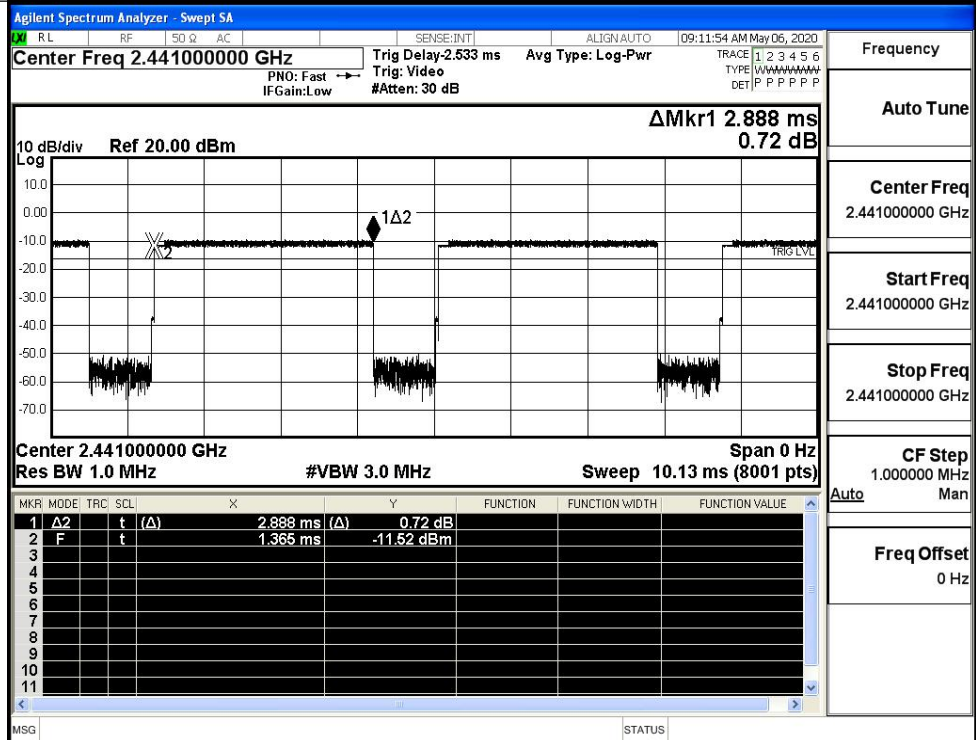
Start Freq  
2.402000000 GHz

Stop Freq  
2.402000000 GHz

CF Step  
1.000000 MHz  
Auto Man

Freq Offset  
0 Hz

$\pi/4$ DQPSK  
\_2DH5/MCH



Frequency

Auto Tune

Center Freq  
2.441000000 GHz

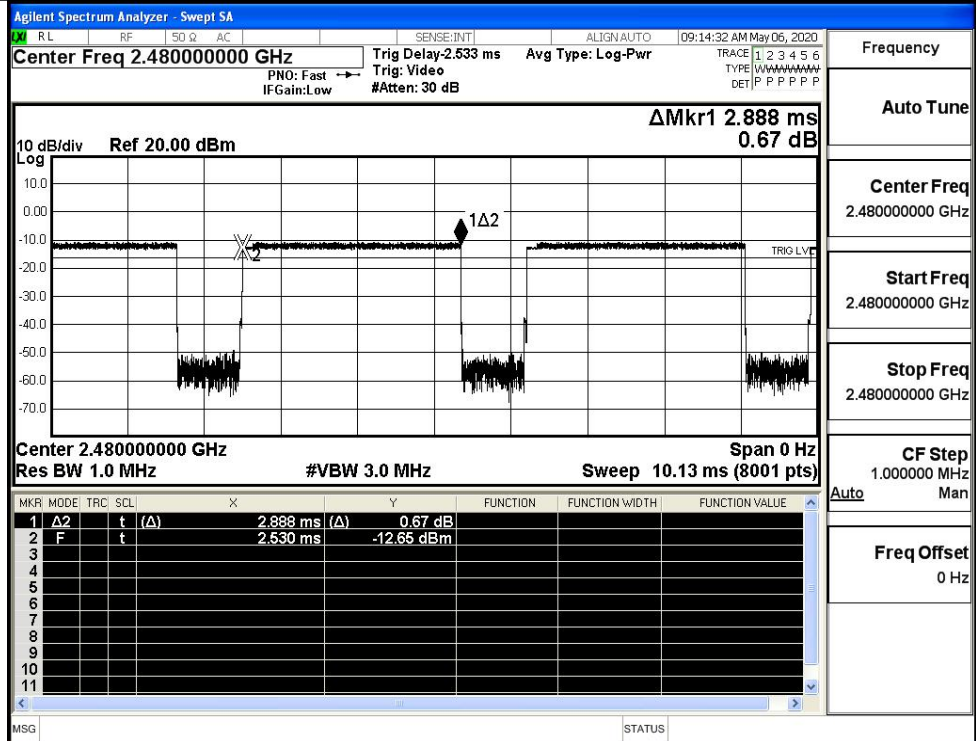
Start Freq  
2.441000000 GHz

Stop Freq  
2.441000000 GHz

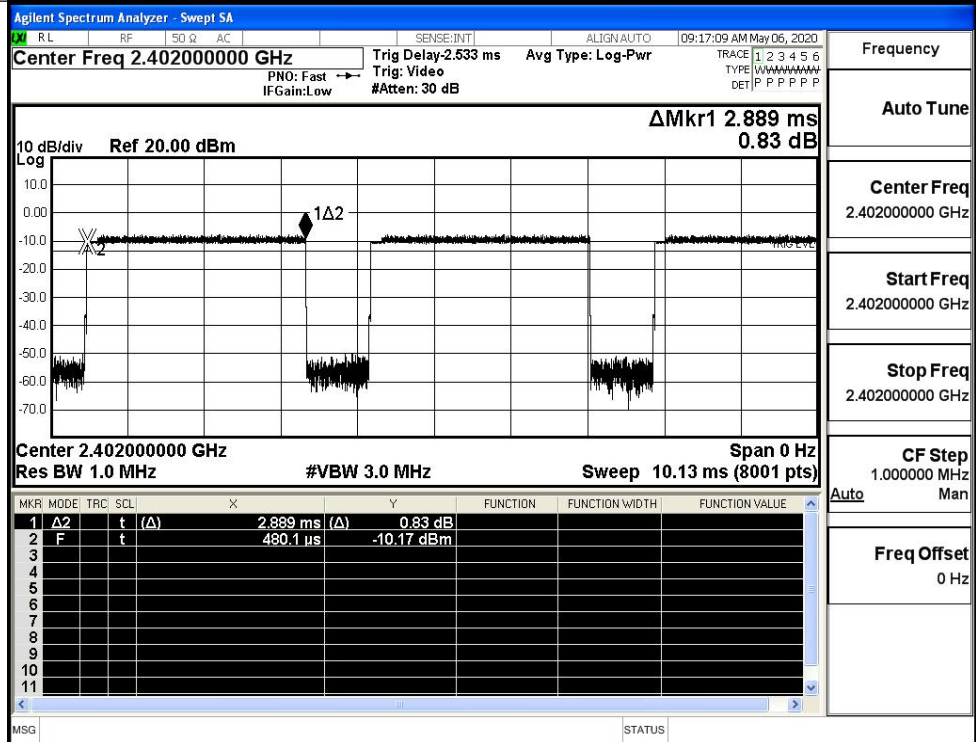
CF Step  
1.000000 MHz  
Auto Man

Freq Offset  
0 Hz

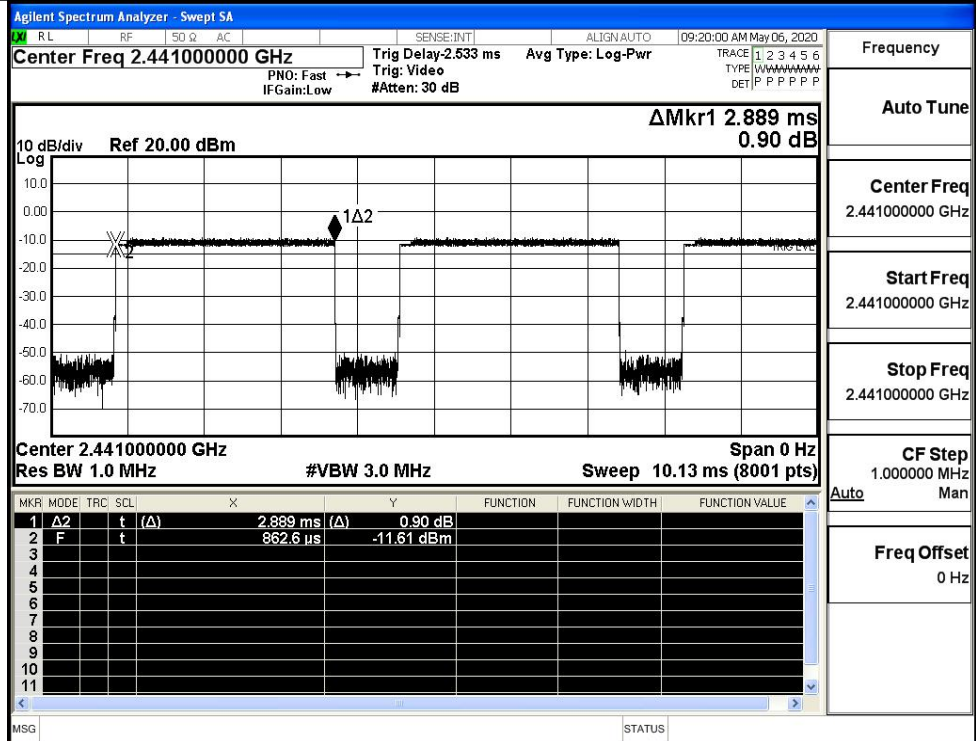
$\pi/4$ DQPSK  
\_2DH5/HCH



8DPSK\_3DH5/LCH

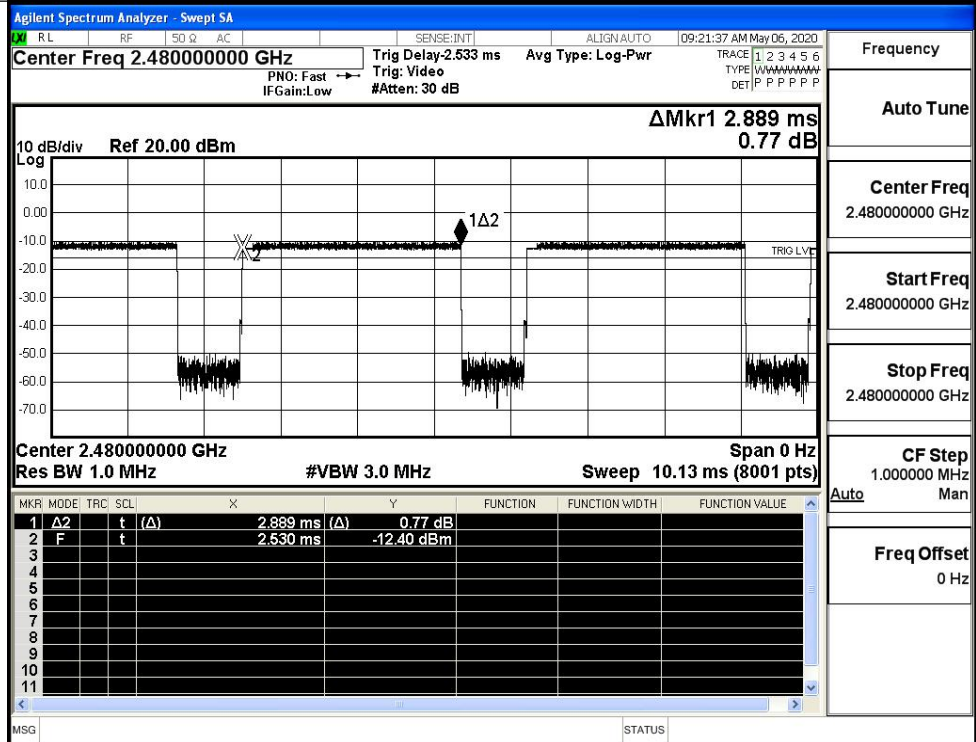


8DPSK\_3DH5/MCH



Frequency	
Auto Tune	
Center Freq	2.441000000 GHz
Start Freq	2.441000000 GHz
Stop Freq	2.441000000 GHz
CF Step	1.000000 MHz
Auto	Man
Freq Offset	0 Hz

8DPSK\_3DH5/HCH

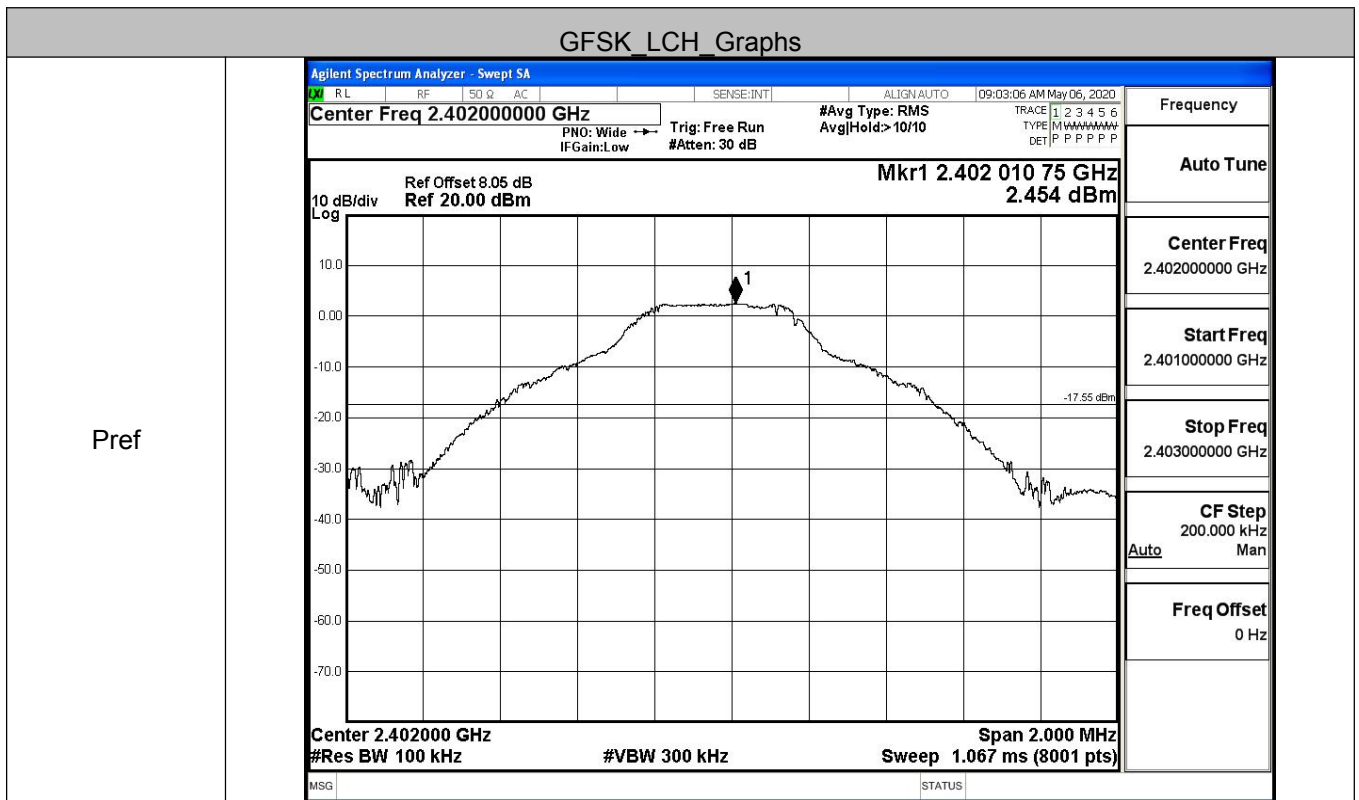


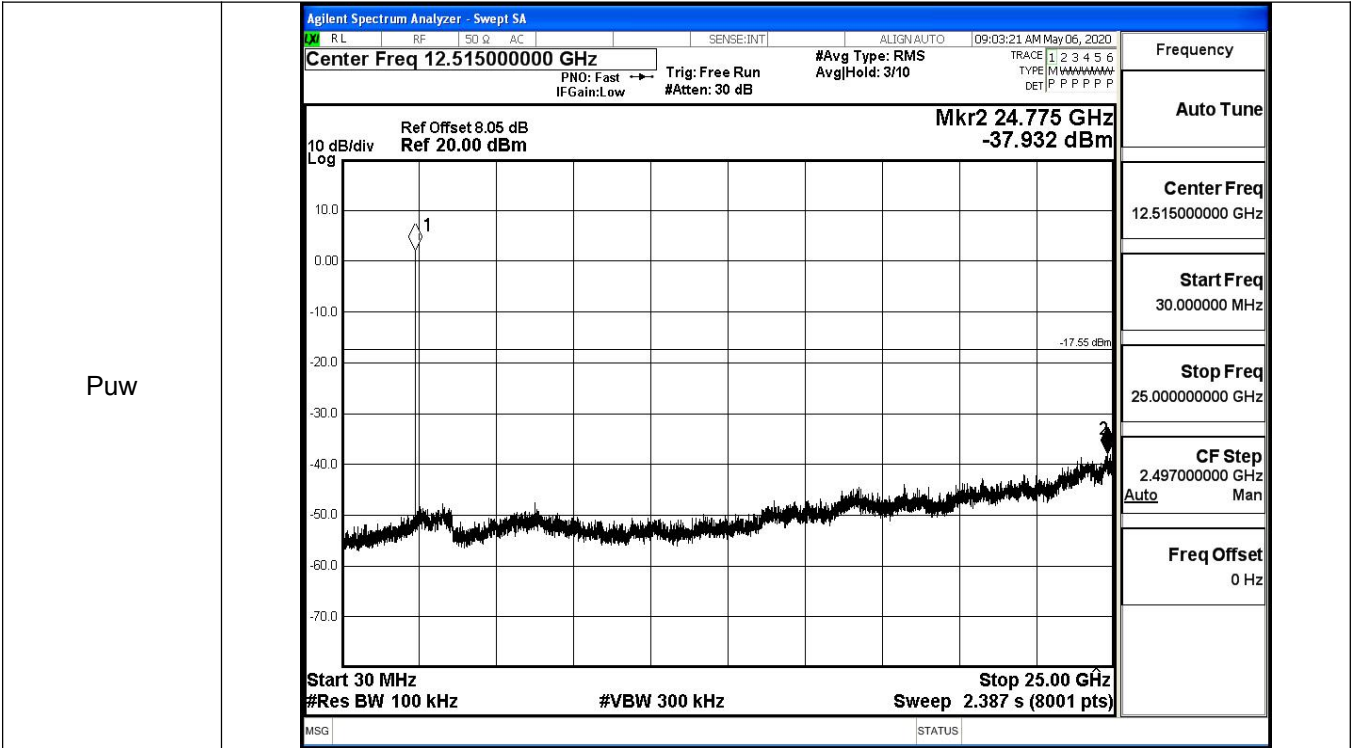
Frequency	
Auto Tune	
Center Freq	2.480000000 GHz
Start Freq	2.480000000 GHz
Stop Freq	2.480000000 GHz
CF Step	1.000000 MHz
Auto	Man
Freq Offset	0 Hz

### A.6 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2.454	-37.932	-17.546	PASS
	MCH	1.35	-37.836	-18.650	PASS
	HCH	0.834	-37.743	-19.166	PASS
π/4DQPSK	LCH	-2.448	-37.416	-22.448	PASS
	MCH	-3.684	-37.696	-23.684	PASS
	HCH	-4.869	-37.473	-24.869	PASS
8DPSK	LCH	-2.194	-36.943	-22.194	PASS
	MCH	-4.203	-38.091	-24.203	PASS
	HCH	-4.691	-37.458	-24.691	PASS

GFSK LCH Graphs

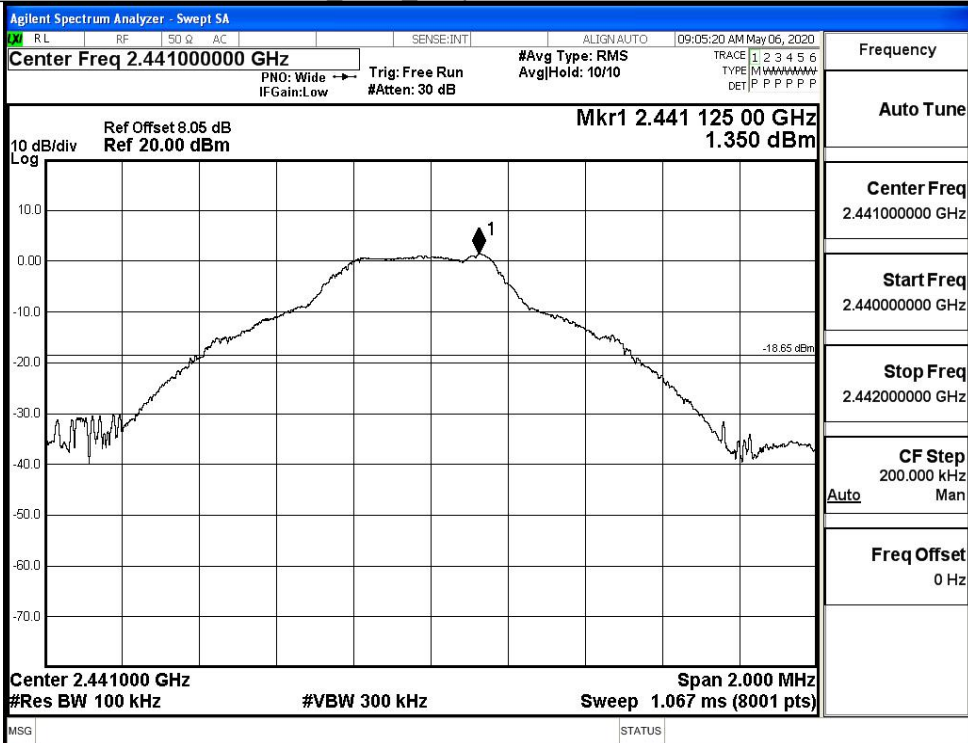




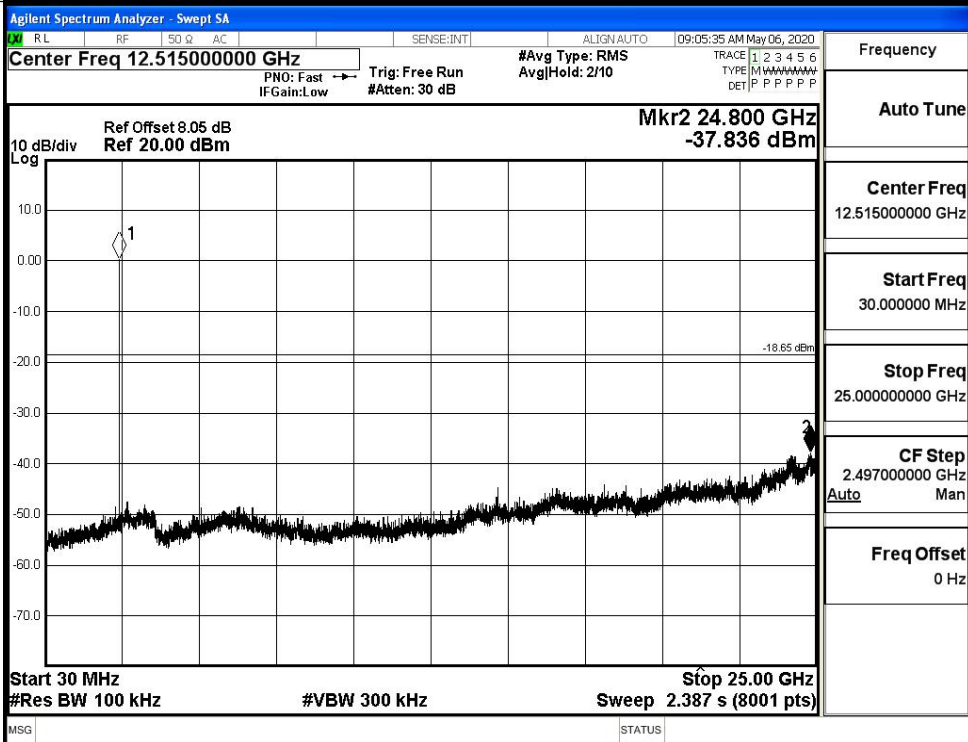


GFSK\_MCH\_Graphs

Pref

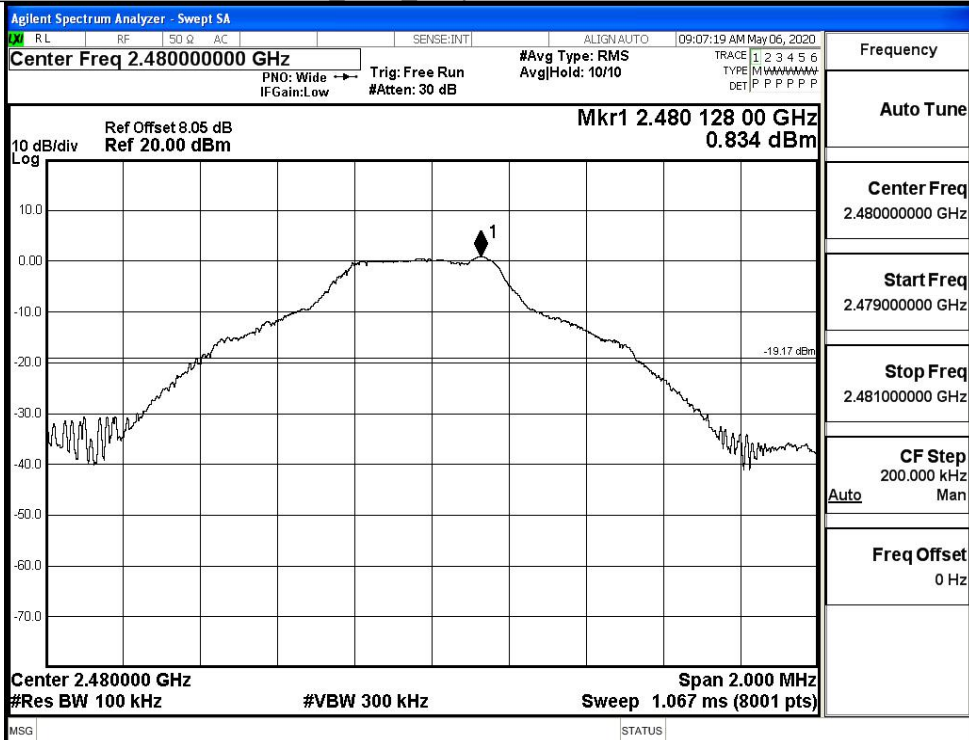


Puw

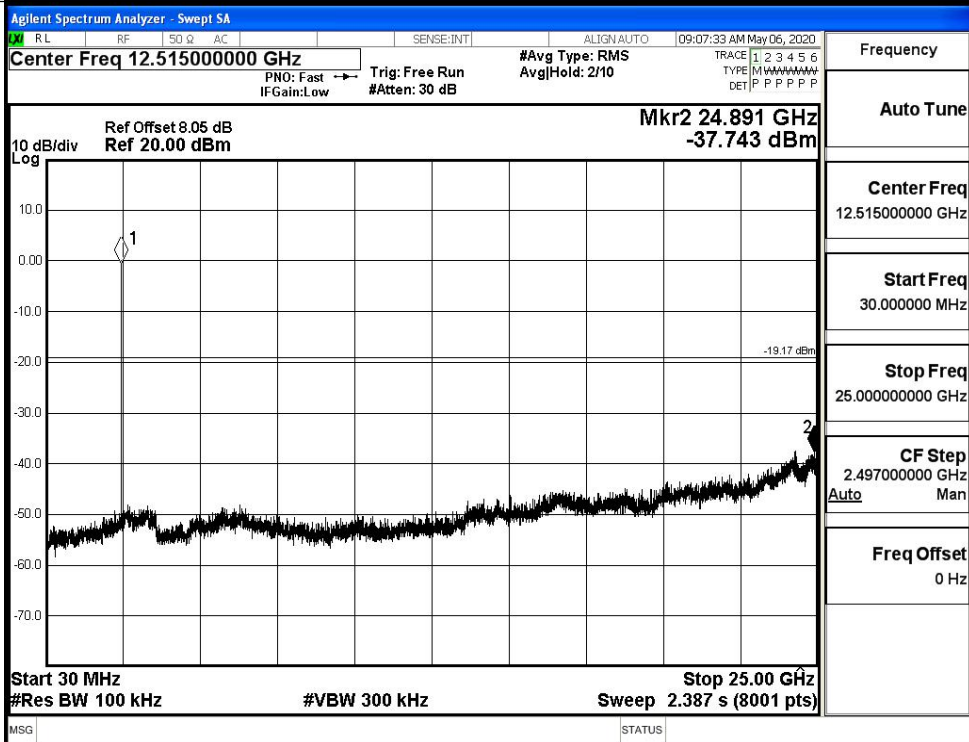


GFSK\_HCH\_Graphs

Pref

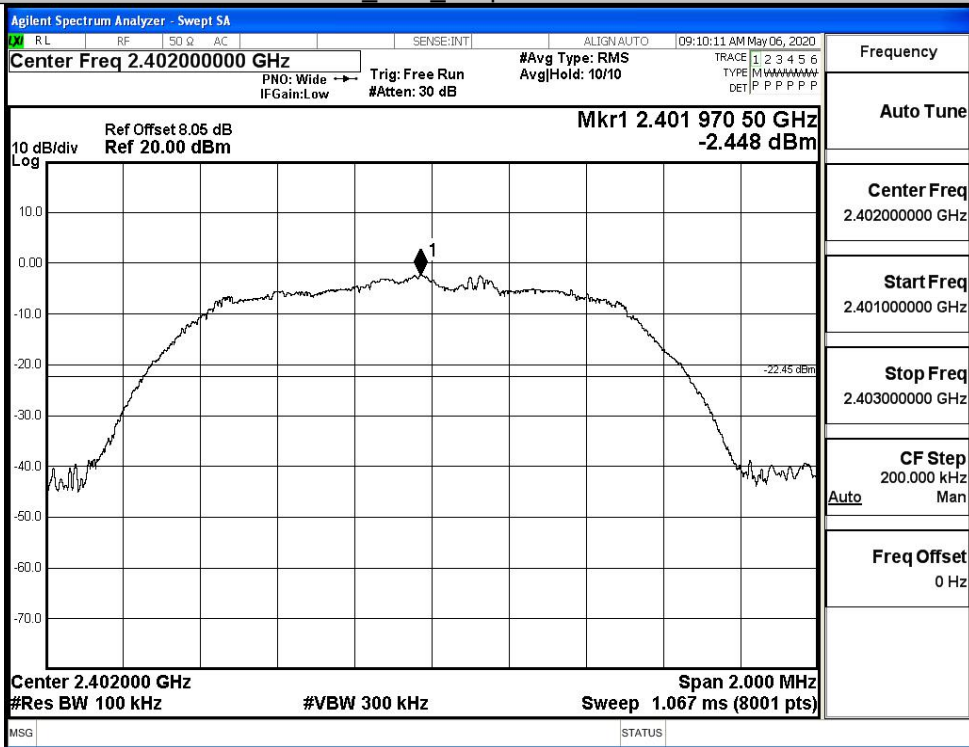


Puw

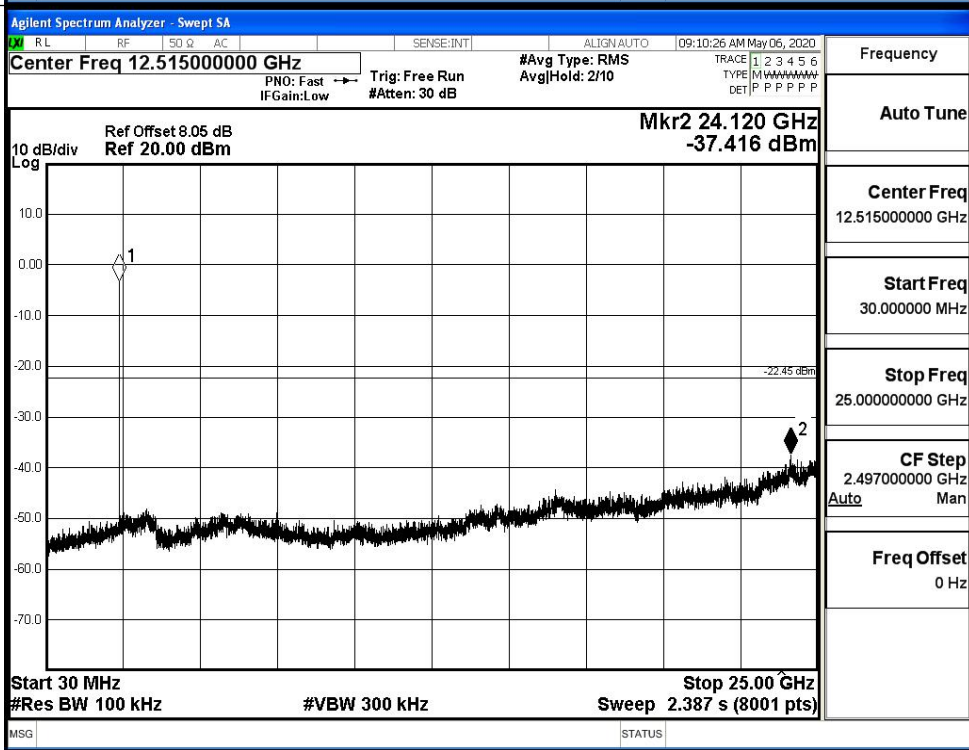


$\pi/4$ DQPSK\_LCH\_Graphs

Pref

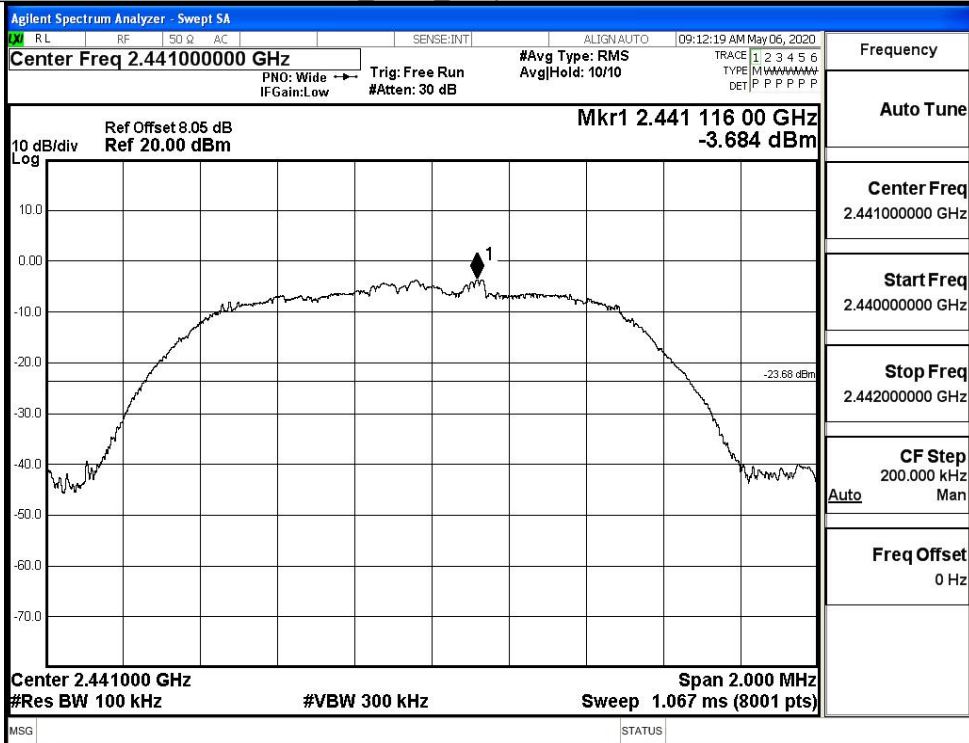


Puw



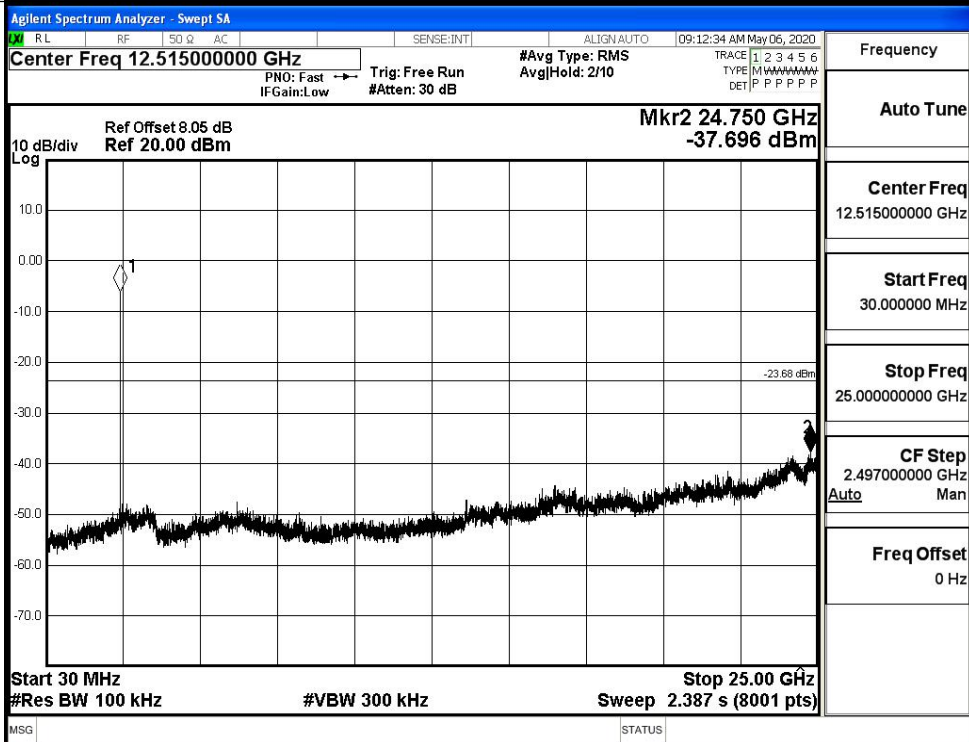
$\pi/4$ DQPSK\_MCH\_Graphs

Pref



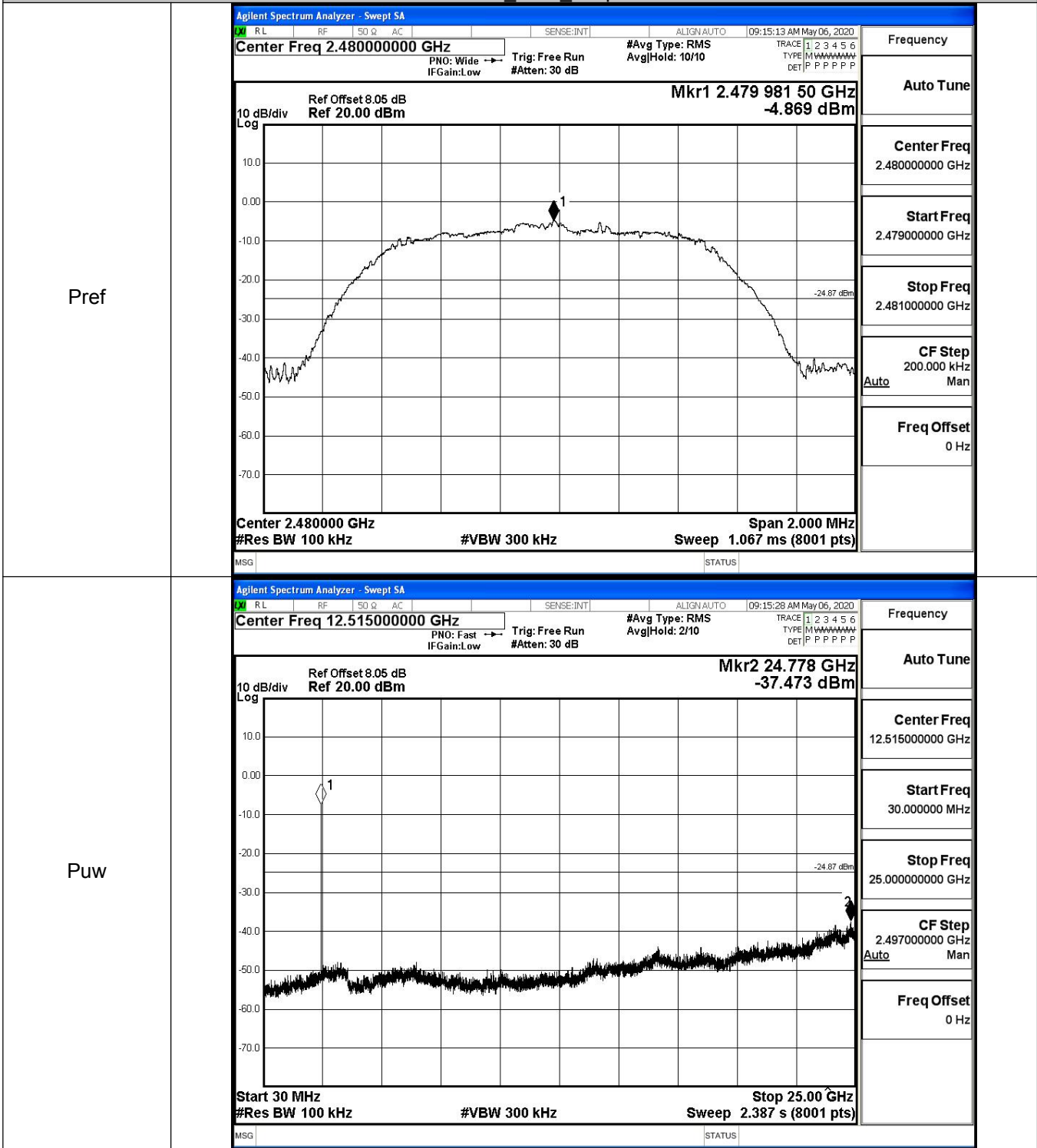
Frequency	2.441000000 GHz
Auto Tune	
Center Freq	2.441000000 GHz
Start Freq	2.440000000 GHz
Stop Freq	2.442000000 GHz
CF Step	200.000 kHz
	Auto Man
Freq Offset	0 Hz

Puw



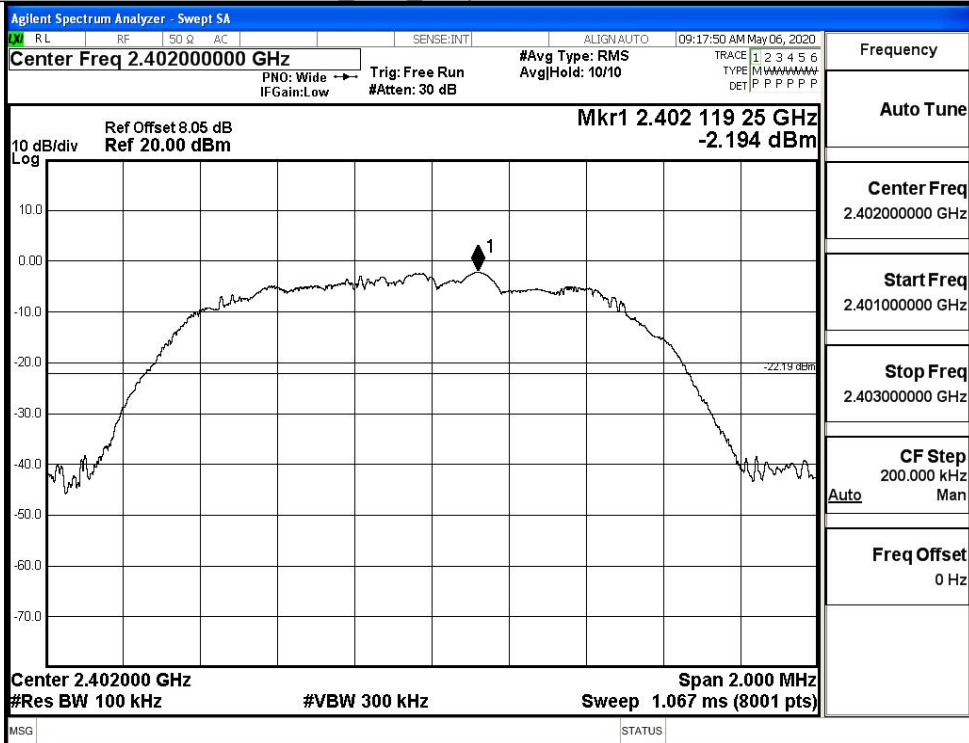
Frequency	12.515000000 GHz
Auto Tune	
Center Freq	12.515000000 GHz
Start Freq	30.000000 MHz
Stop Freq	25.000000000 GHz
CF Step	2.497000000 GHz
	Auto Man
Freq Offset	0 Hz

$\pi/4$ DQPSK\_HCH\_Graphs

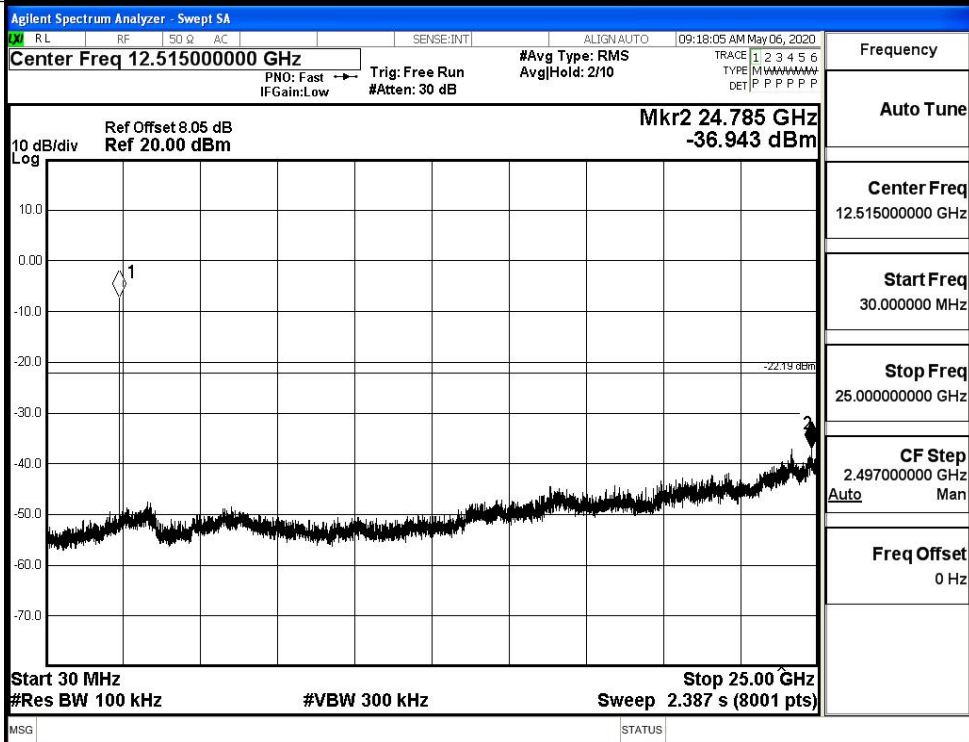


8DPSK\_LCH\_Graphs

Pref

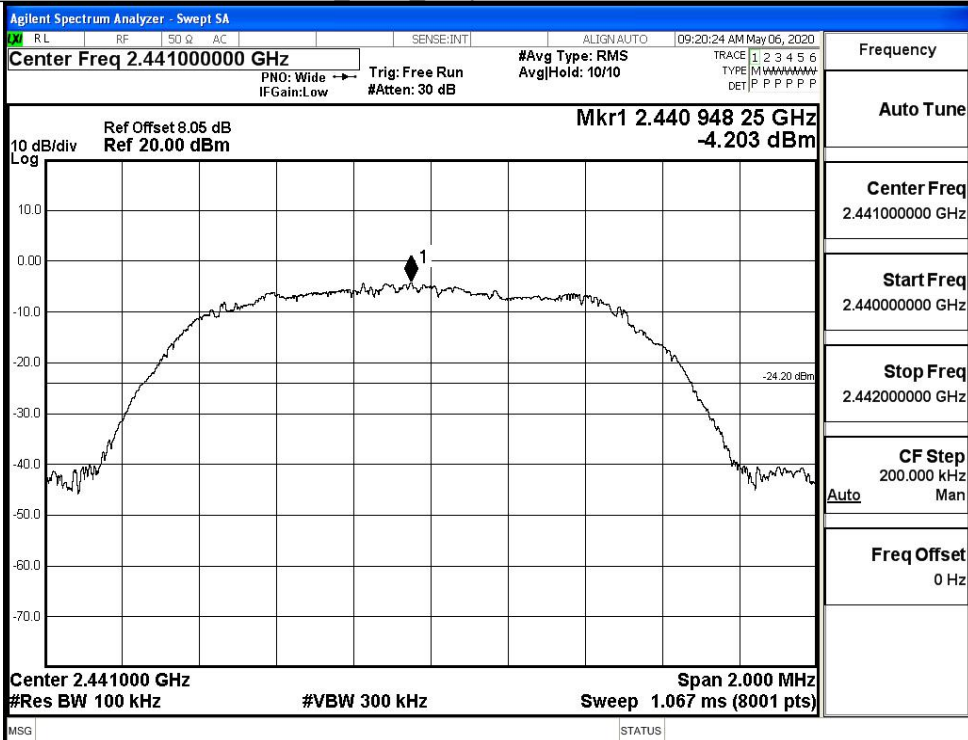


Puw

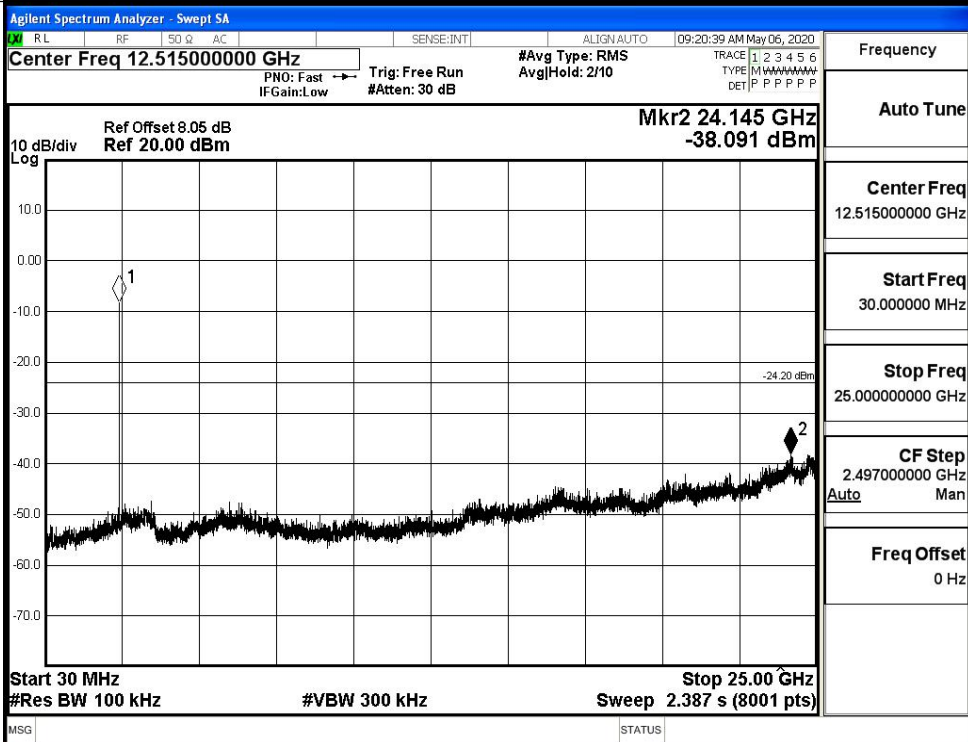


8DPSK\_MCH\_Graphs

Pref

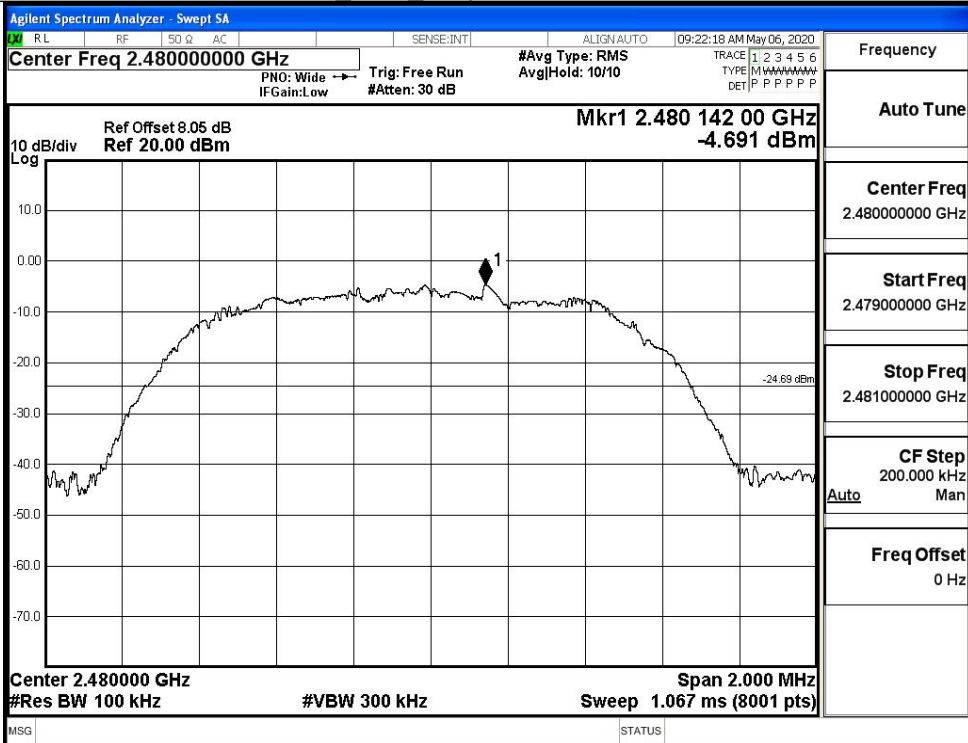


Puw

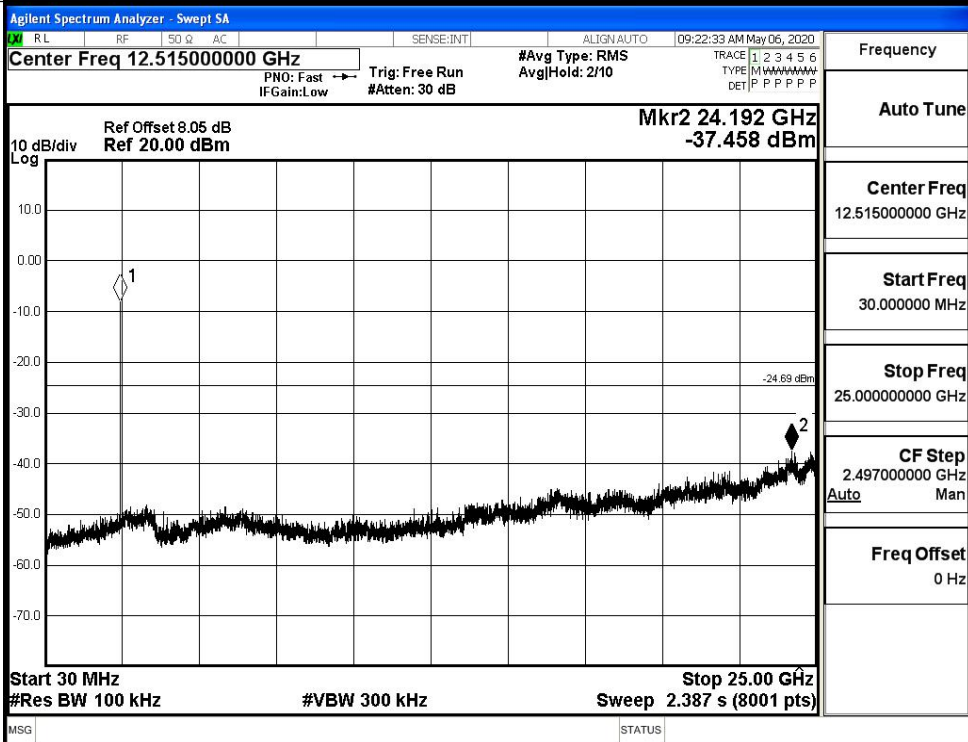


8DPSK\_HCH\_Graphs

Pref



Puw



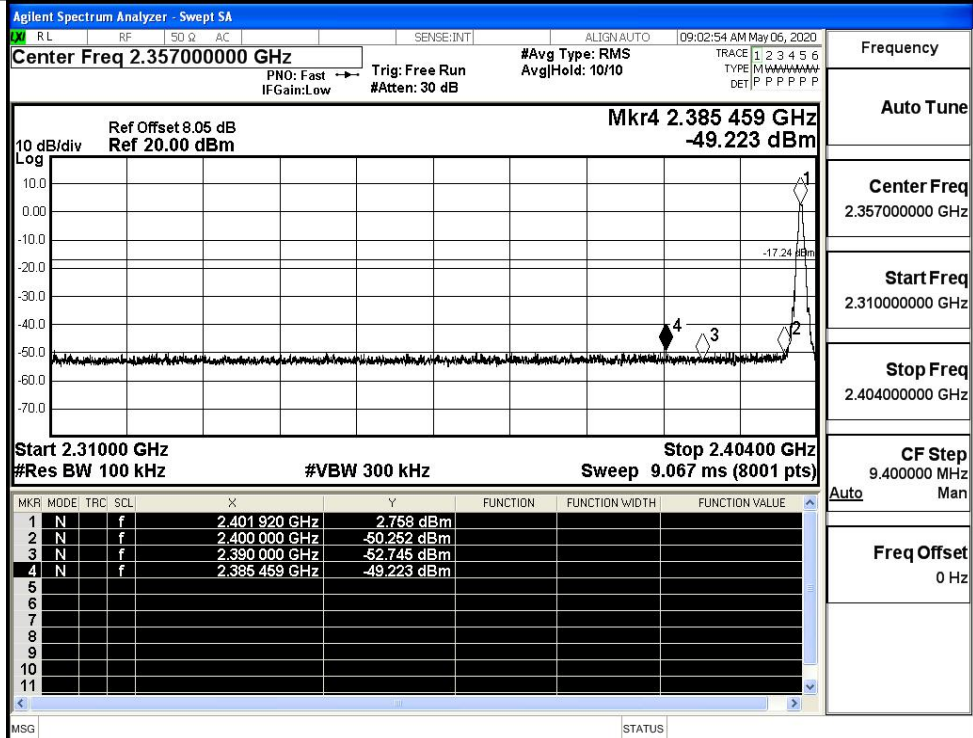


## A.7 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	2.758	Off	-49.223	-17.24	PASS
			2.868	On	-49.056	-17.13	PASS
	HCH	2480	0.645	Off	-48.360	-19.36	PASS
			0.877	On	-48.510	-19.12	PASS
$\pi/4$ DQPSK	LCH	2402	-2.844	Off	-49.571	-22.84	PASS
			-2.390	On	-48.882	-22.39	PASS
	HCH	2480	-4.679	Off	-48.545	-24.68	PASS
			-4.509	On	-48.242	-24.51	PASS
8DPSK	LCH	2402	-2.430	Off	-49.249	-22.43	PASS
			-2.027	On	-49.097	-22.03	PASS
	HCH	2480	-4.432	Off	-49.254	-24.43	PASS
			-4.100	On	-47.860	-24.1	PASS

Test Graphs

GFSK/LCH/No Hop



GFSK/LCH/Hop

