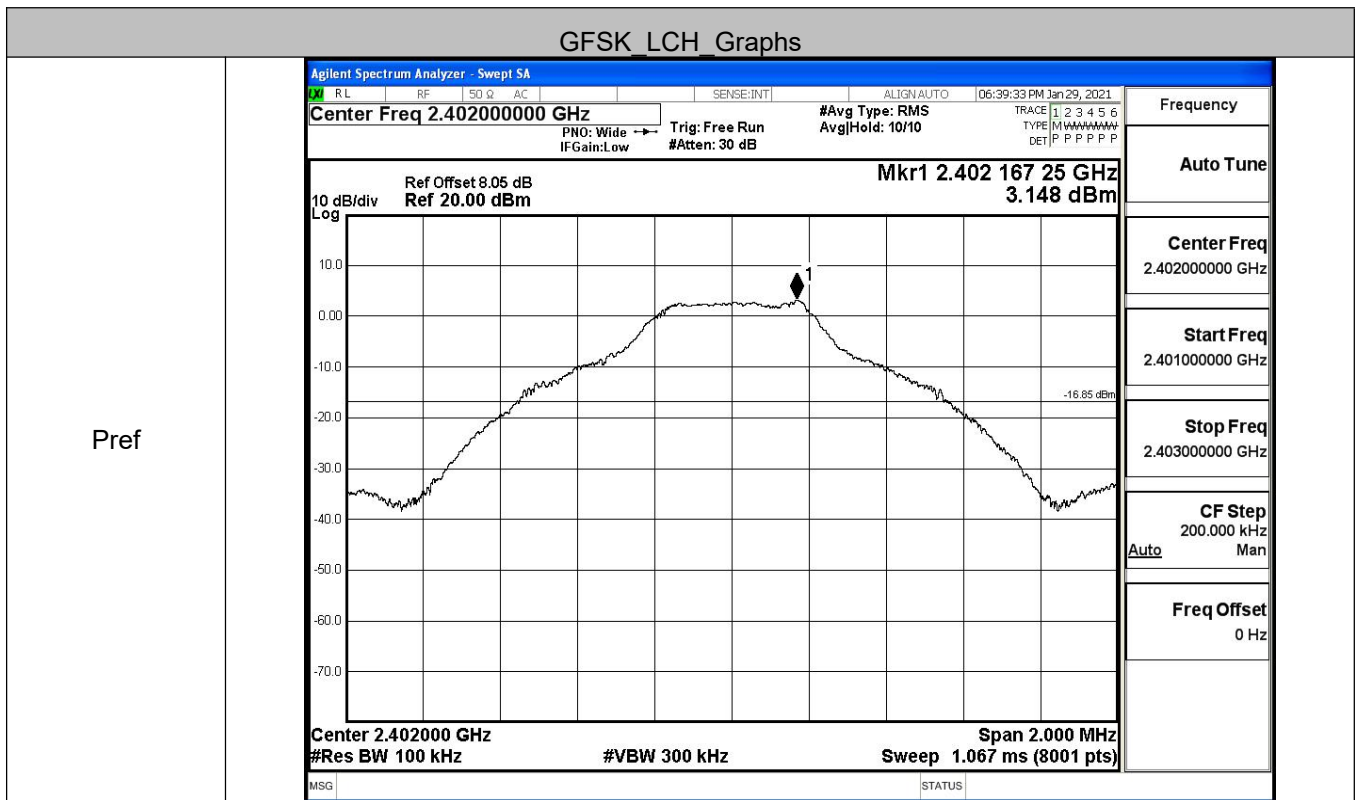


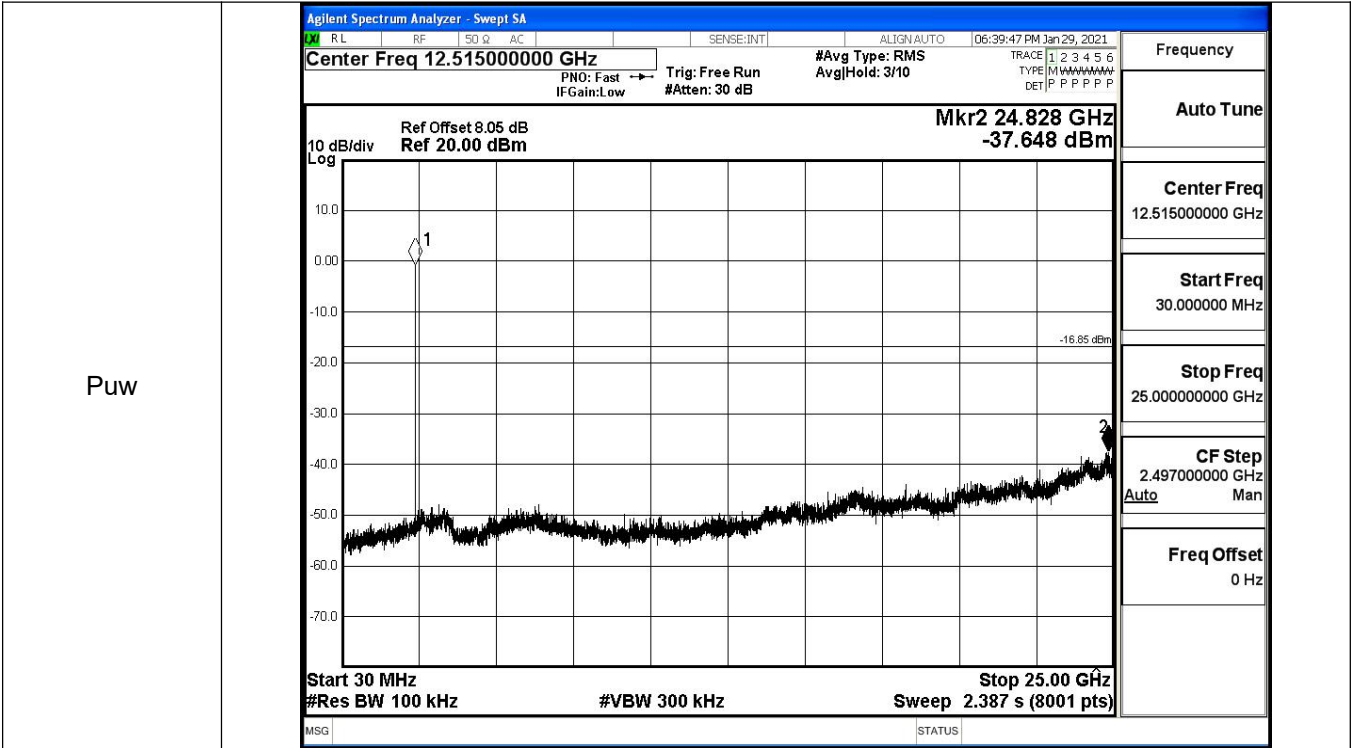
A.6 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	3.148	-37.648	-16.852	PASS
	MCH	4.54	-37.056	-15.460	PASS
	HCH	2.498	-37.300	-17.502	PASS
π/4DQPSK	LCH	1.542	-37.157	-18.458	PASS
	MCH	2.602	-38.126	-17.398	PASS
	HCH	1.67	-37.096	-18.330	PASS
8DPSK	LCH	1.551	-38.428	-18.449	PASS
	MCH	3.111	-37.044	-16.889	PASS
	HCH	1.531	-37.814	-18.469	PASS

GFSK LCH Graphs

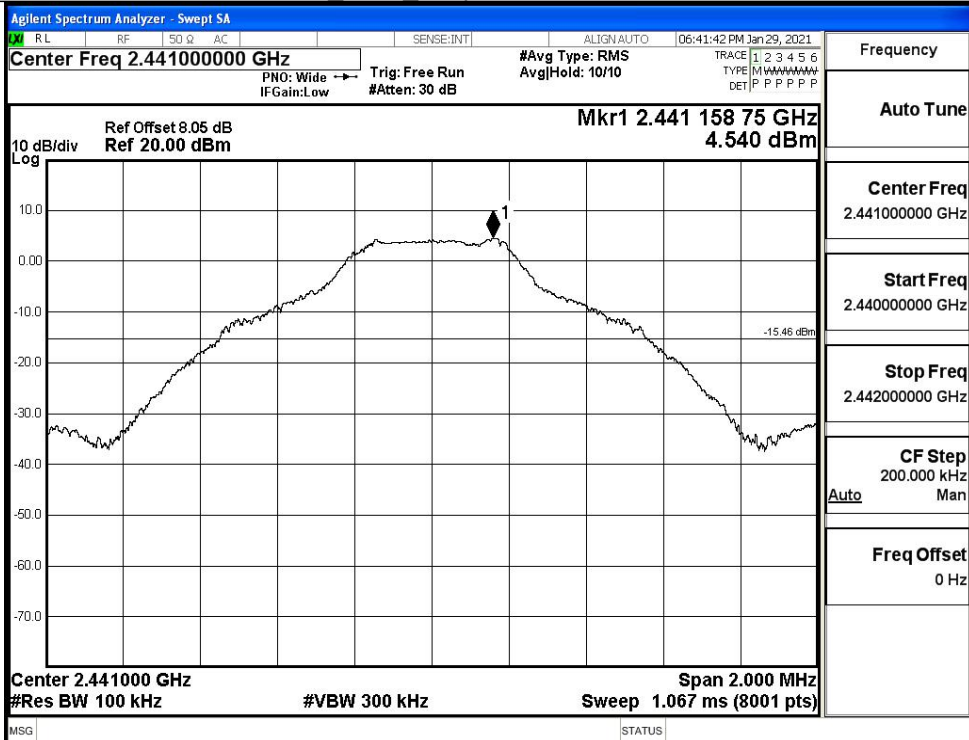


Pref

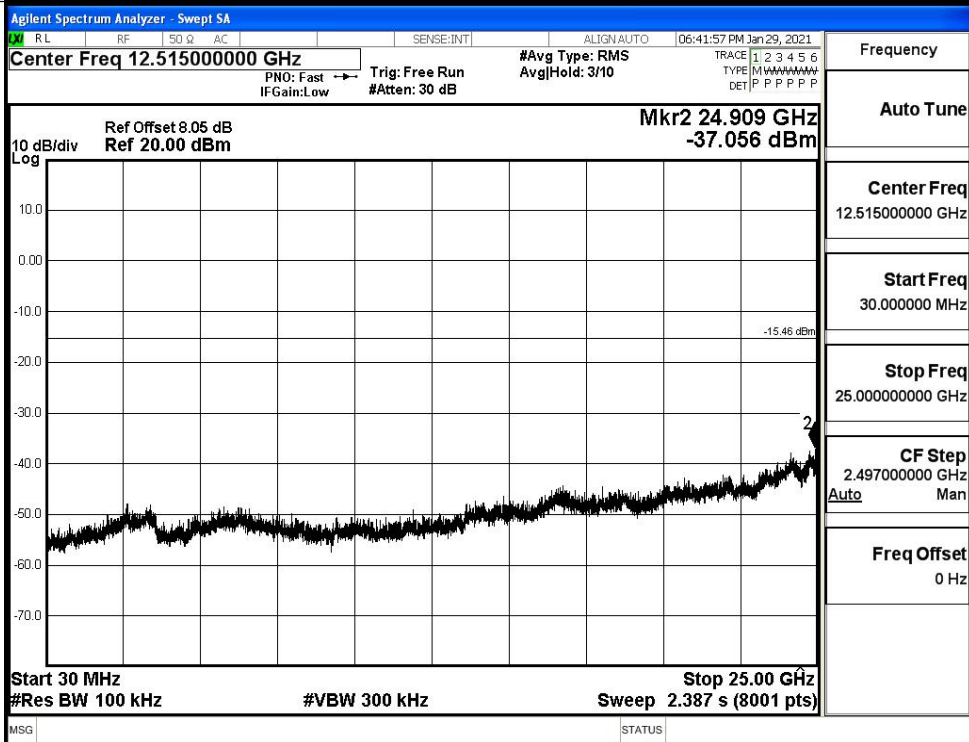


GFSK MCH Graphs

Pref

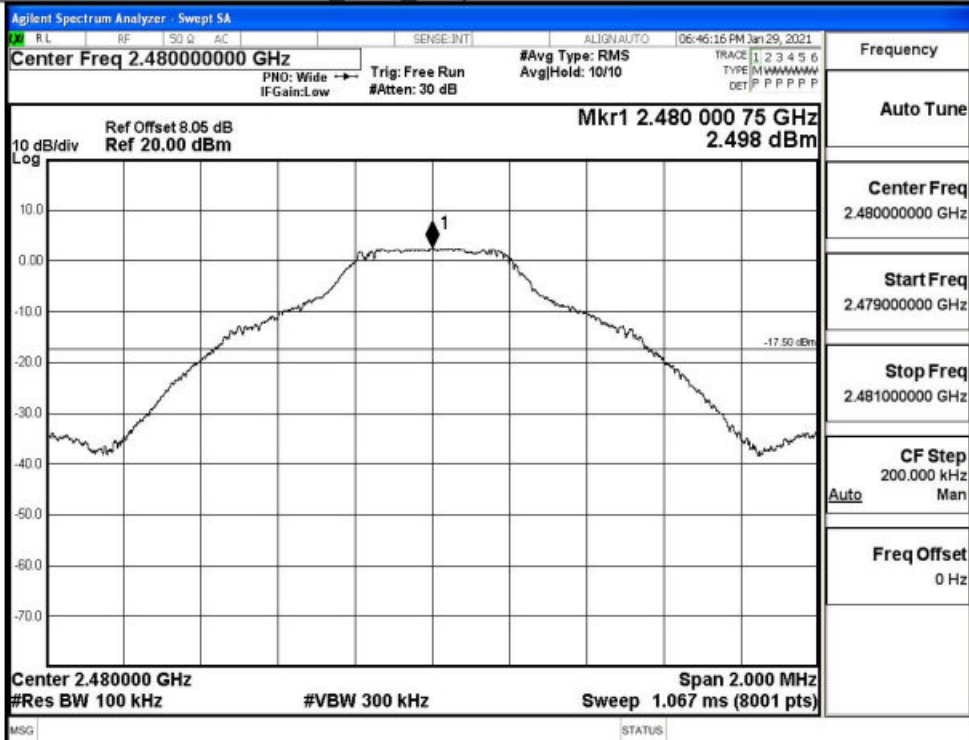


Puw

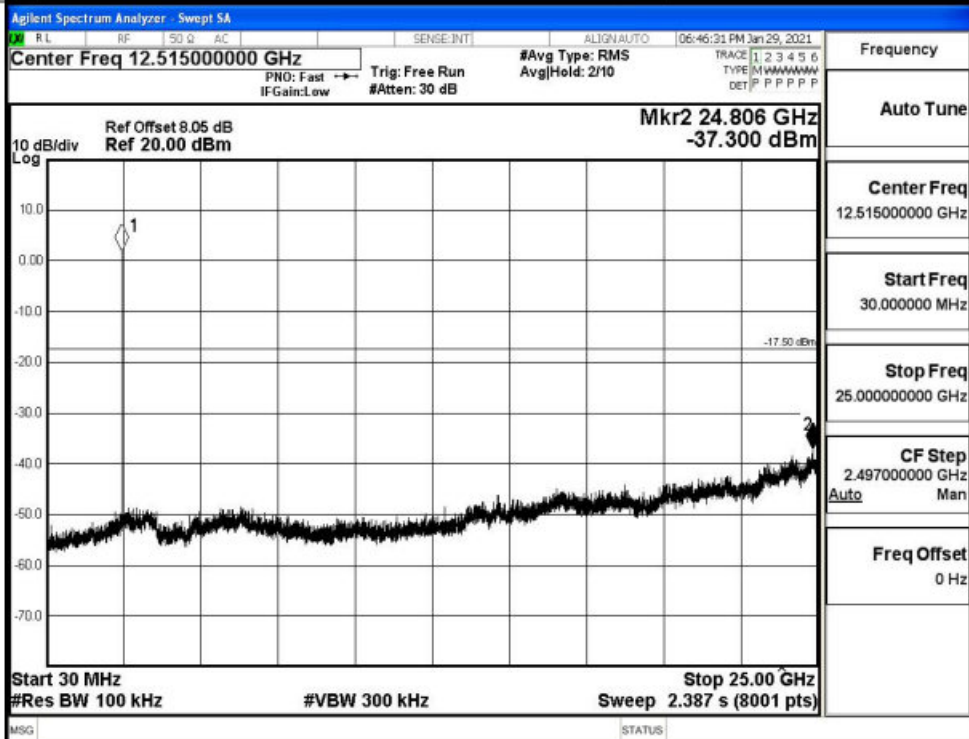


GFSK HCH Graphs

Pref

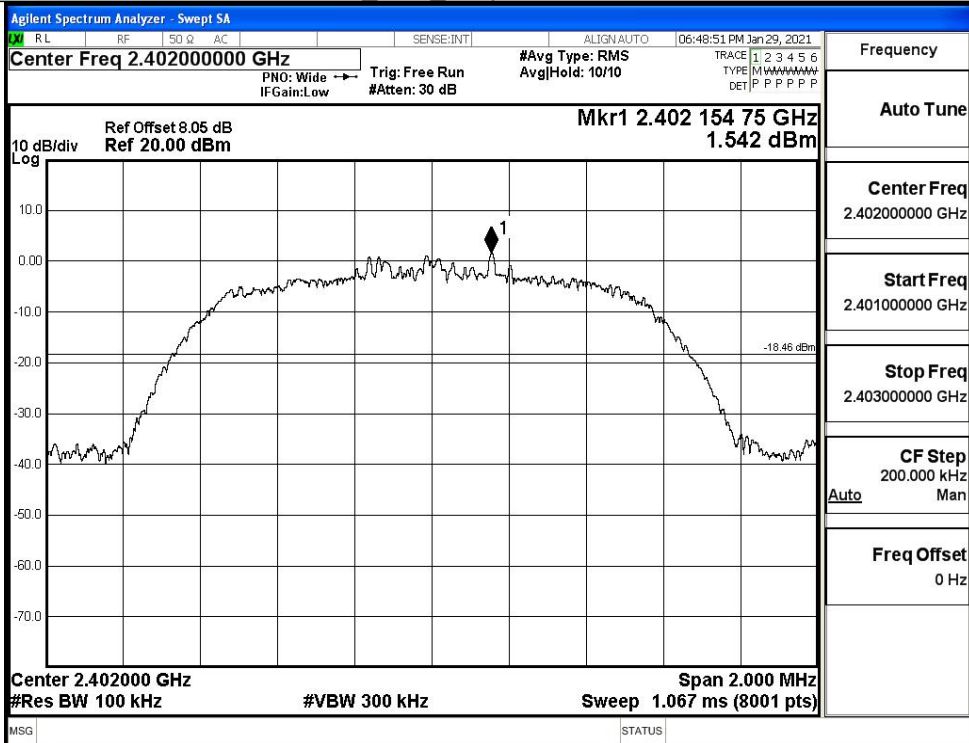


Puw

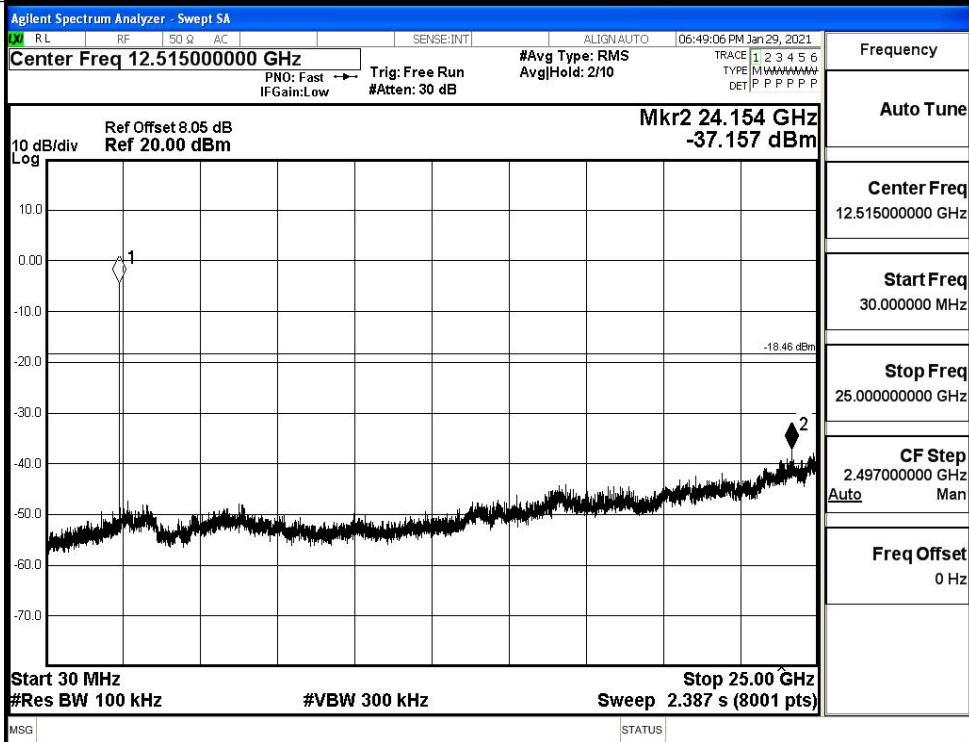


$\pi/4$ DQPSK_LCH_Graphs

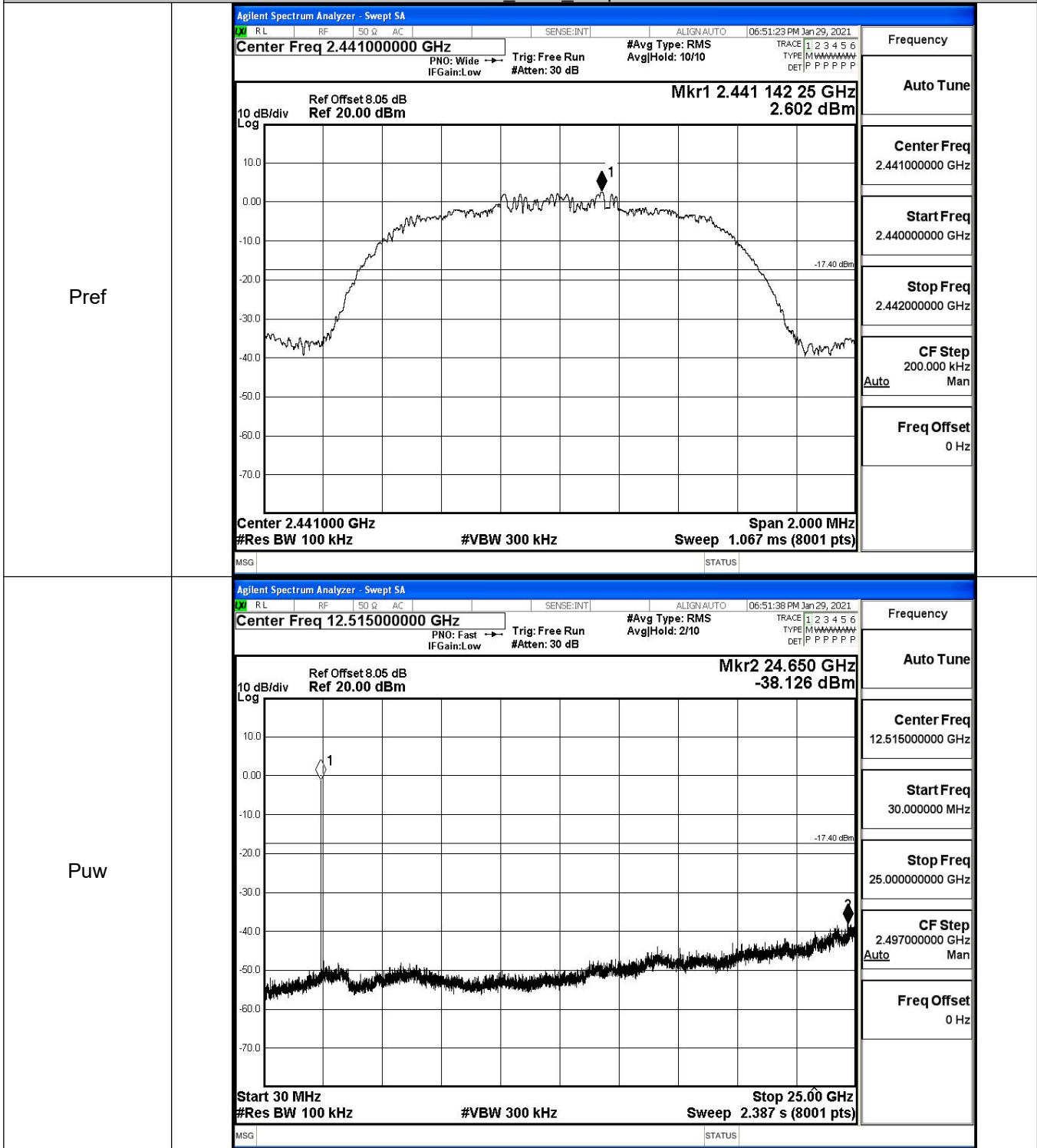
Pref



Puw

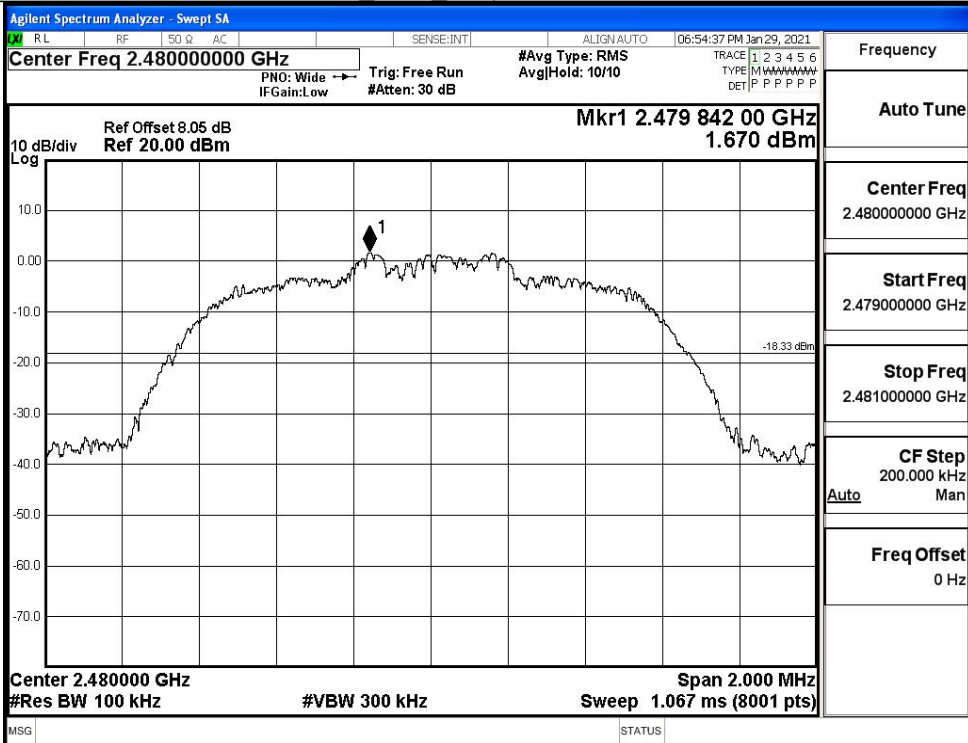


$\pi/4$ DQPSK MCH_Graphs

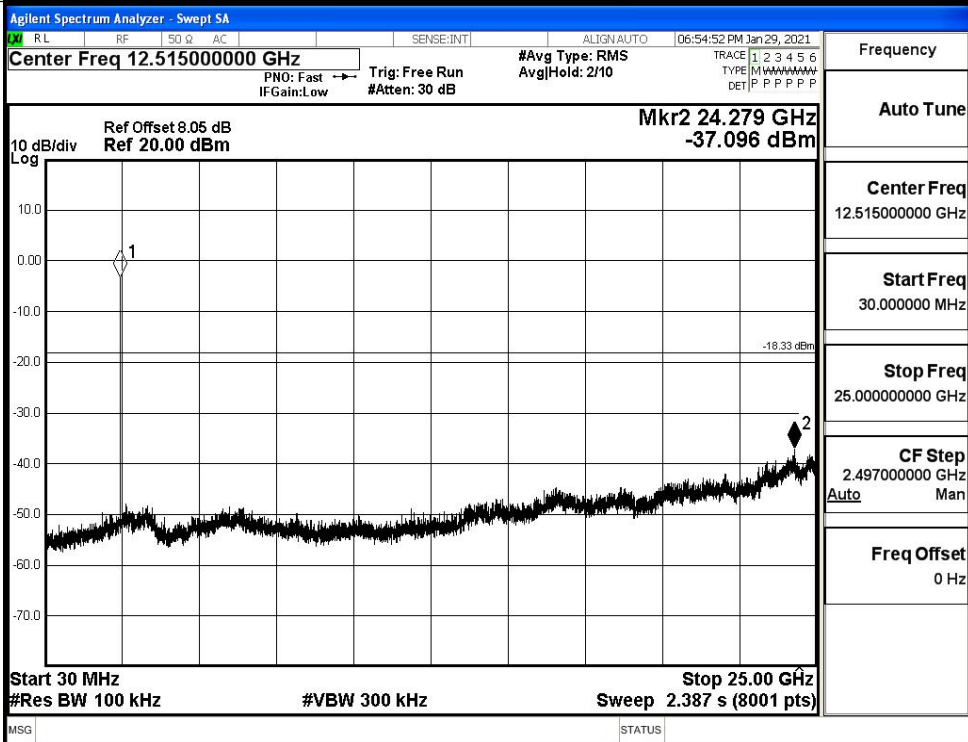


$\pi/4$ DQPSK HCH_Graphs

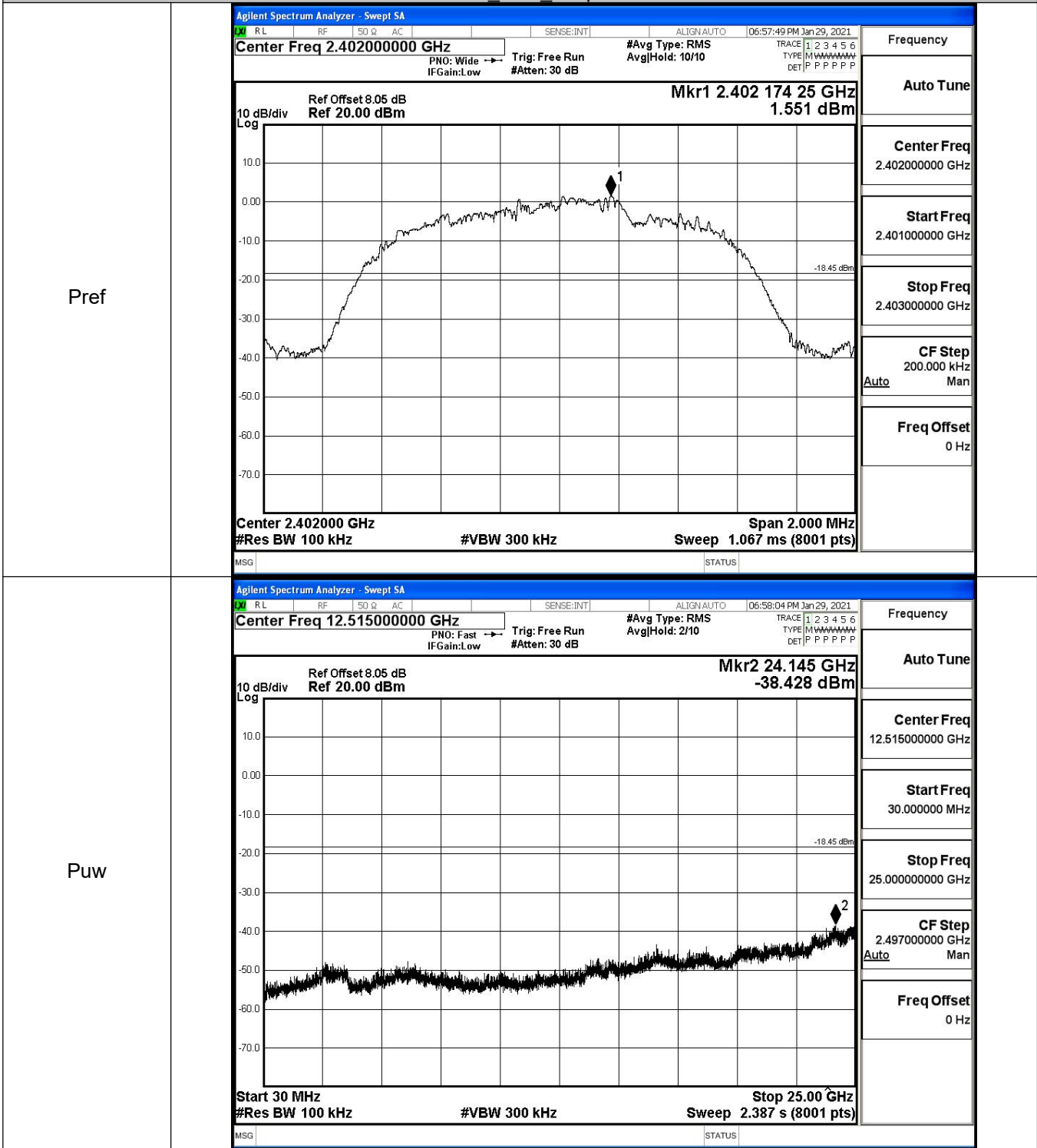
Pref



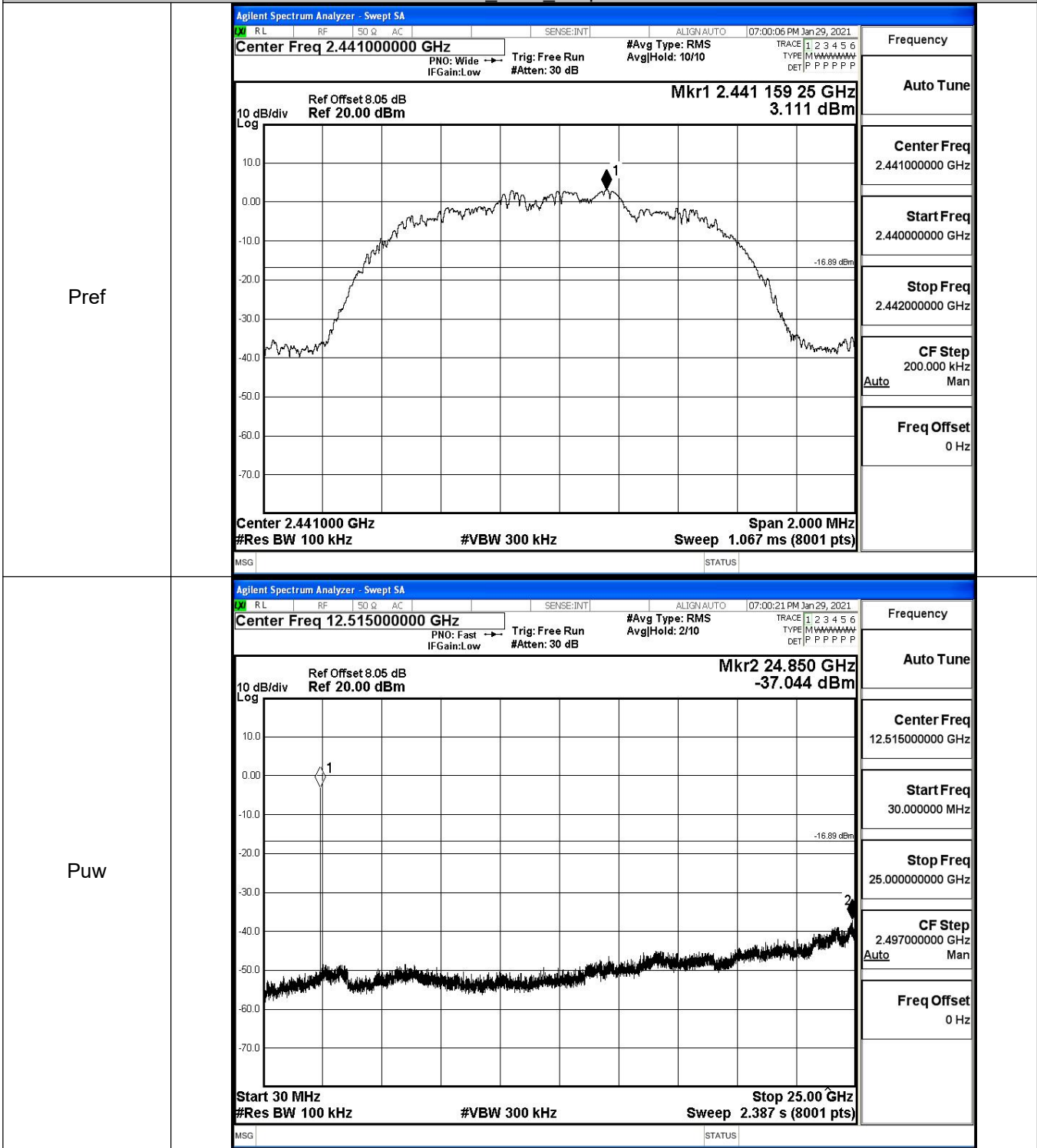
Puw



8DPSK_LCH_Graphs

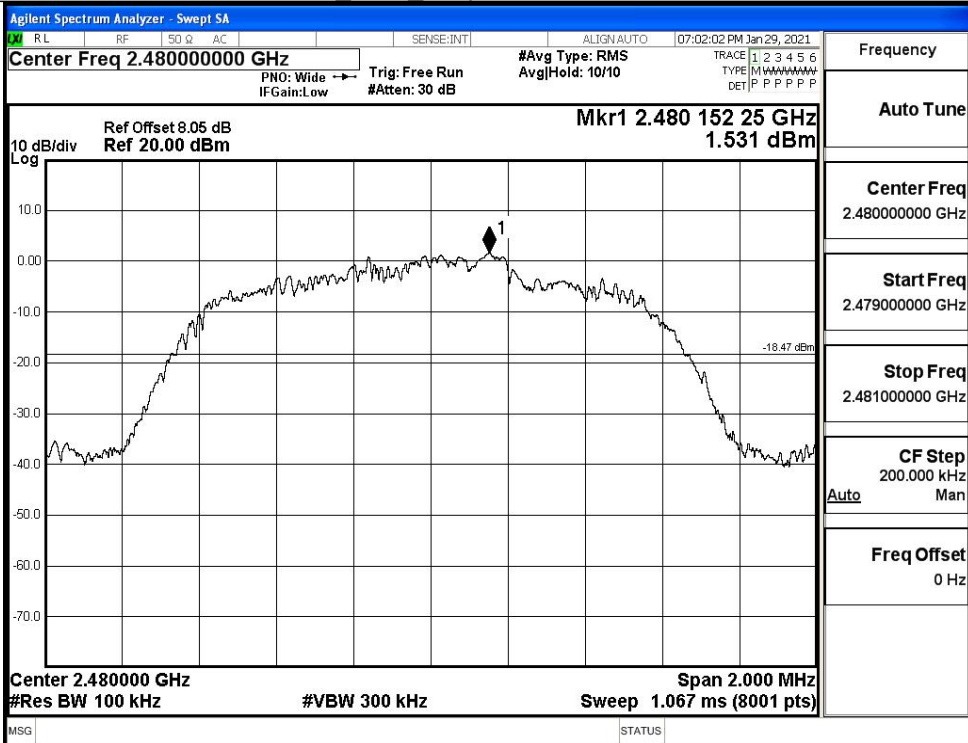


8DPSK_MCH_Graphs

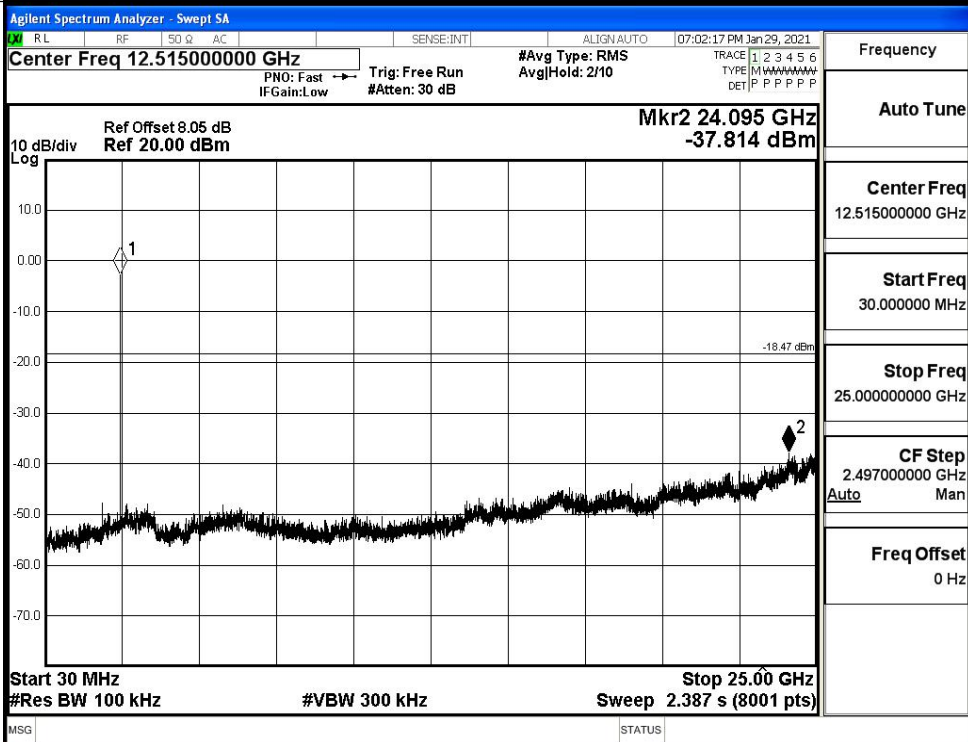


8DPSK_HCH_Graphs

Pref



Puw

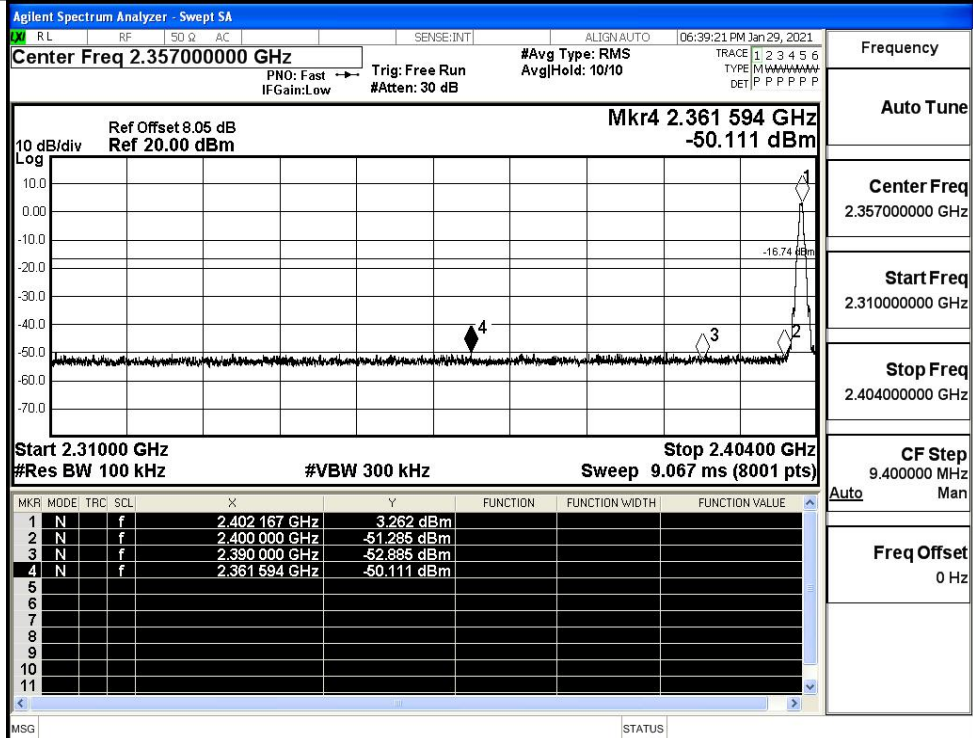


A.7 Band-edge for RF Conducted Emissions

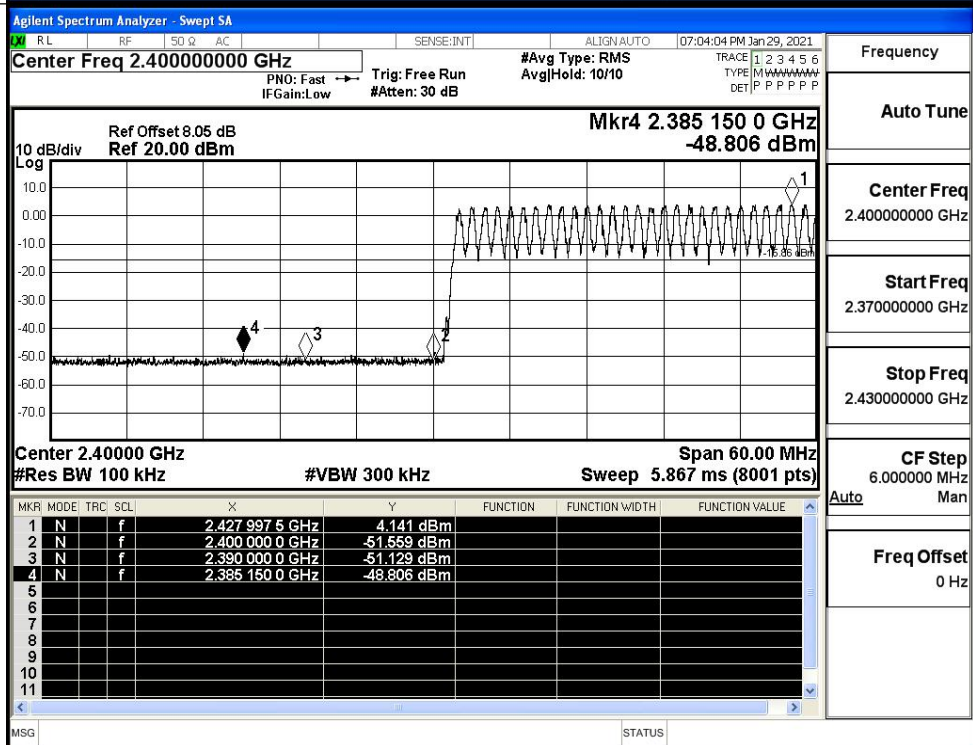
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	3.262	Off	-50.111	-16.74	PASS
			4.141	On	-48.806	-15.86	PASS
	HCH	2480	2.893	Off	-49.530	-17.11	PASS
			4.432	On	-49.104	-15.57	PASS
$\pi/4$ DQPSK	LCH	2402	1.664	Off	-49.928	-18.34	PASS
			2.695	On	-49.024	-17.31	PASS
	HCH	2480	1.654	Off	-48.731	-18.35	PASS
			2.827	On	-48.861	-17.17	PASS
8DPSK	LCH	2402	0.940	Off	-49.307	-19.06	PASS
			3.004	On	-49.265	-17	PASS
	HCH	2480	1.711	Off	-49.247	-18.29	PASS
			2.980	On	-48.398	-17.02	PASS

Test Graphs

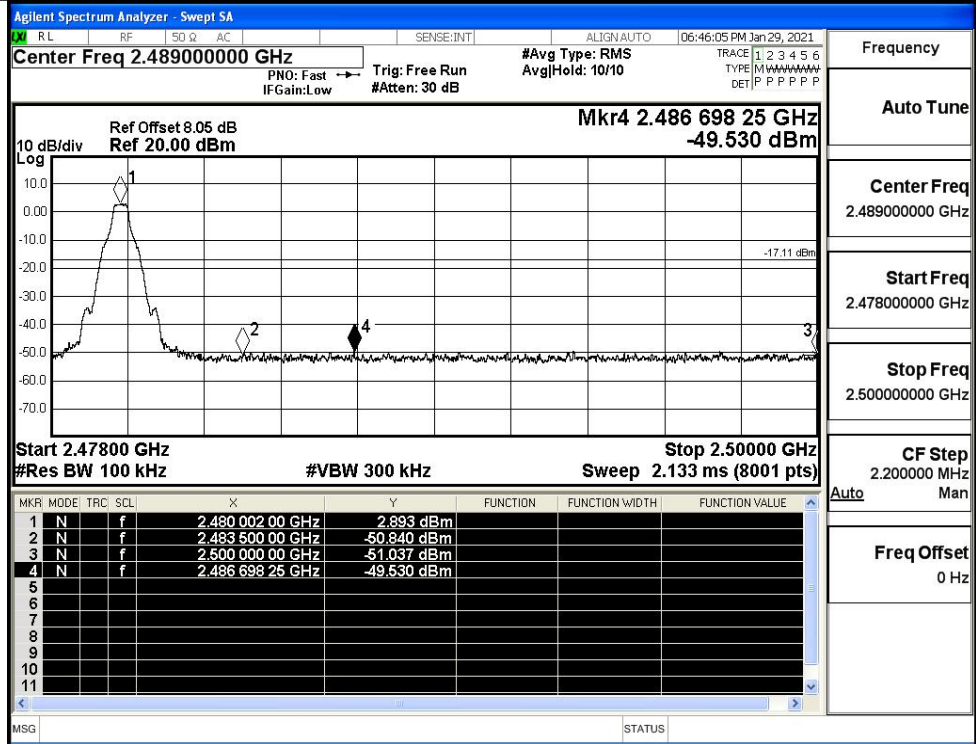
GFSK/LCH/No Hop



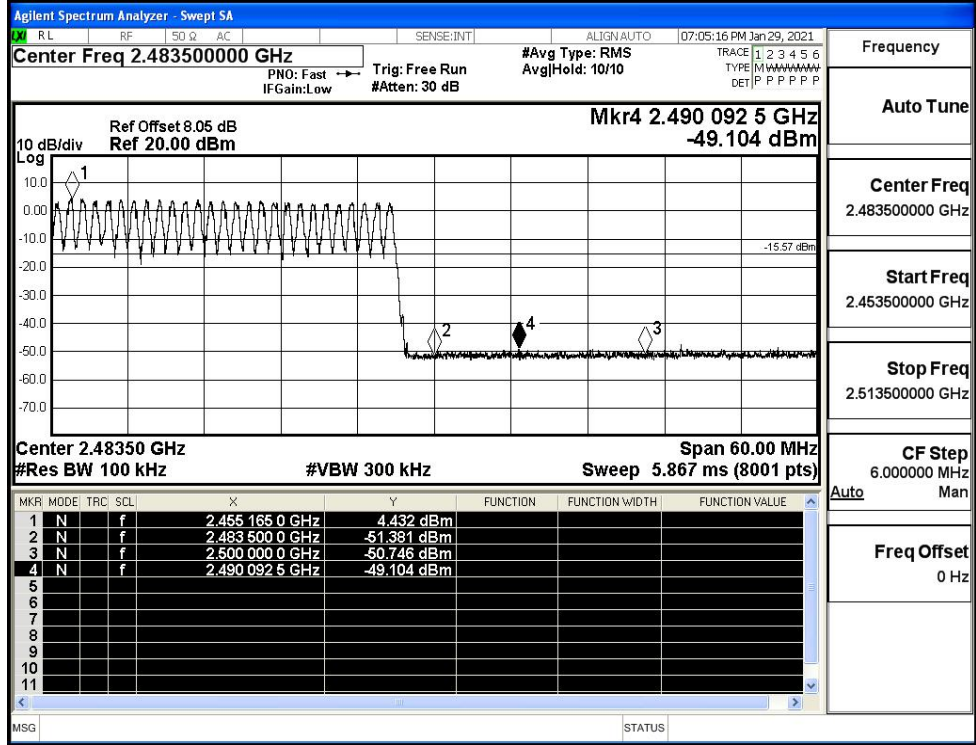
GFSK/LCH/Hop



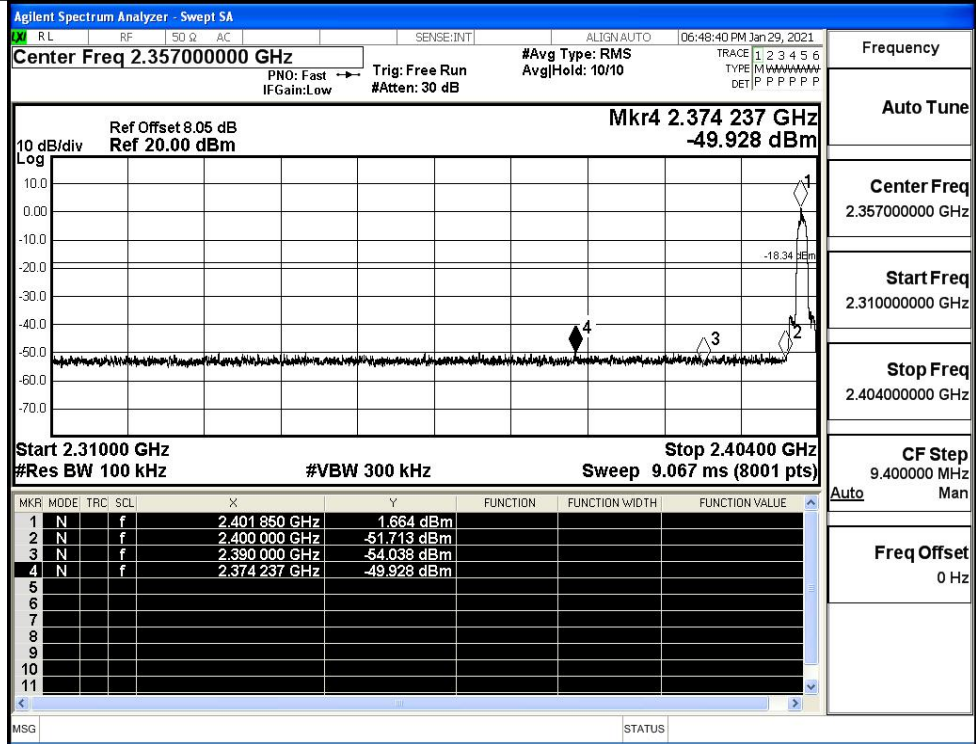
GFSK/HCH/No Hop



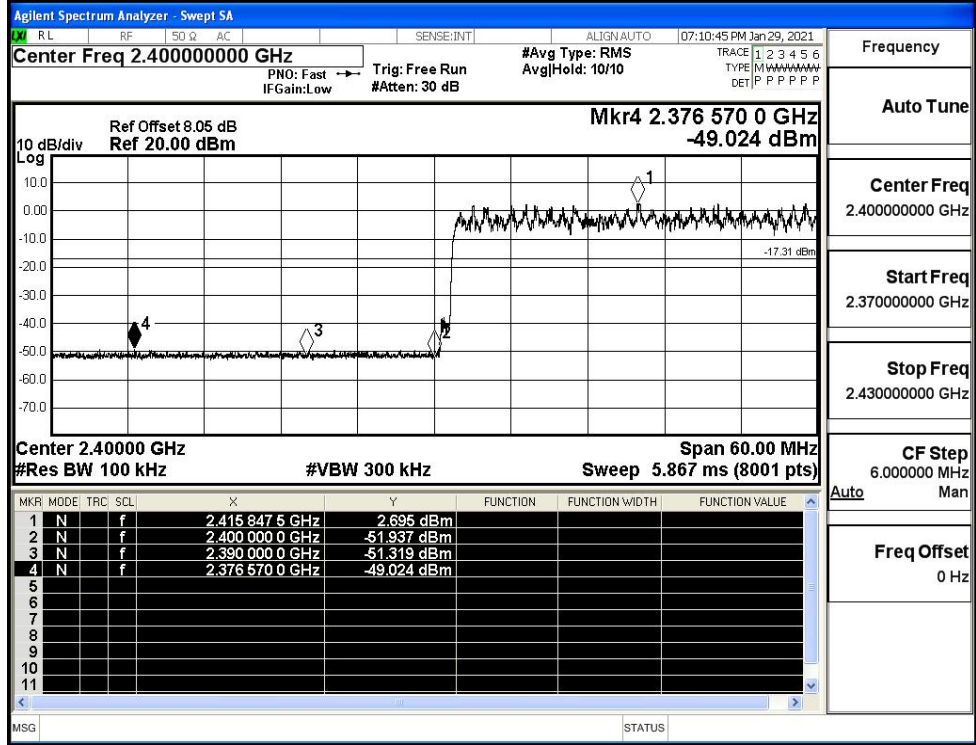
GFSK/HCH/Hop



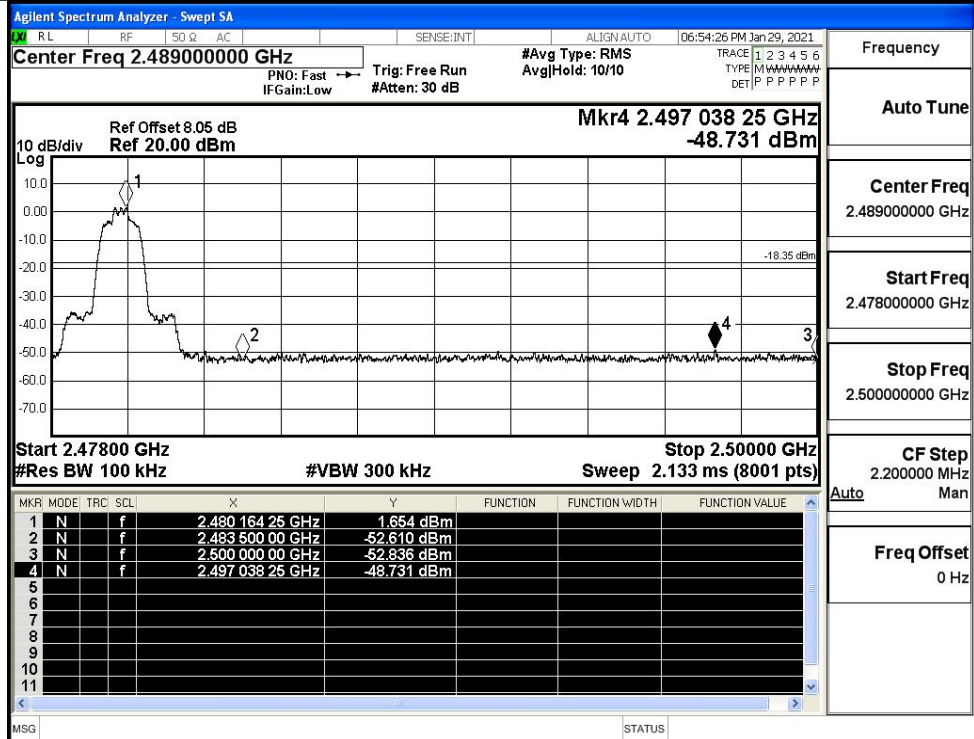
$\pi/4$ DQPSK/LCH/No Hop



$\pi/4$ DQPSK/LCH/Hop

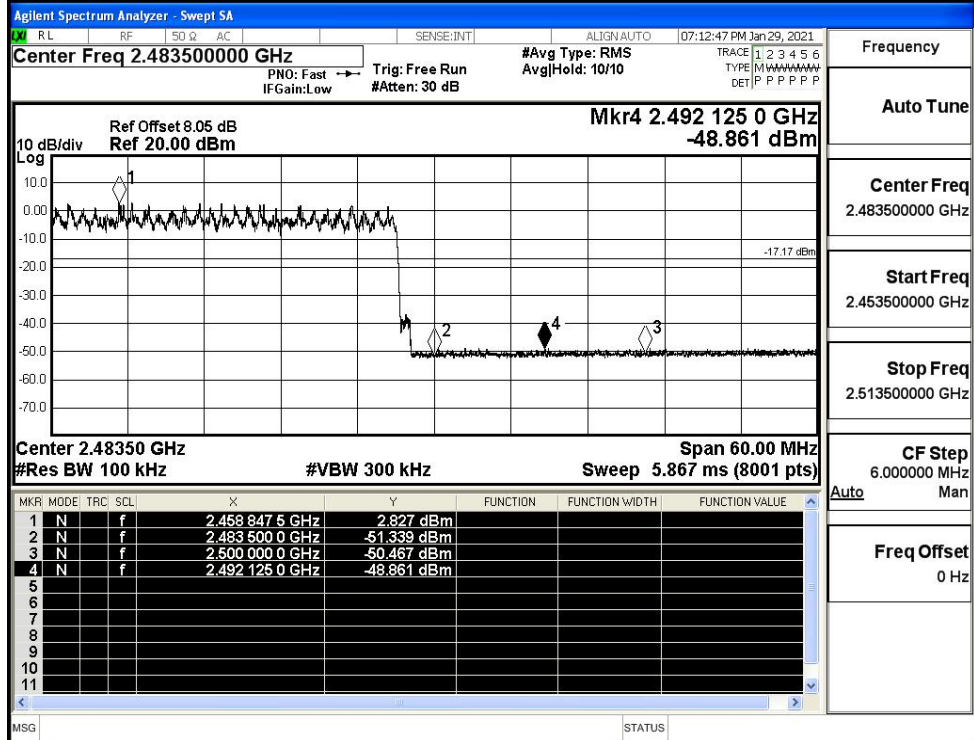


π /4DQPSK/HCH/No
Hop



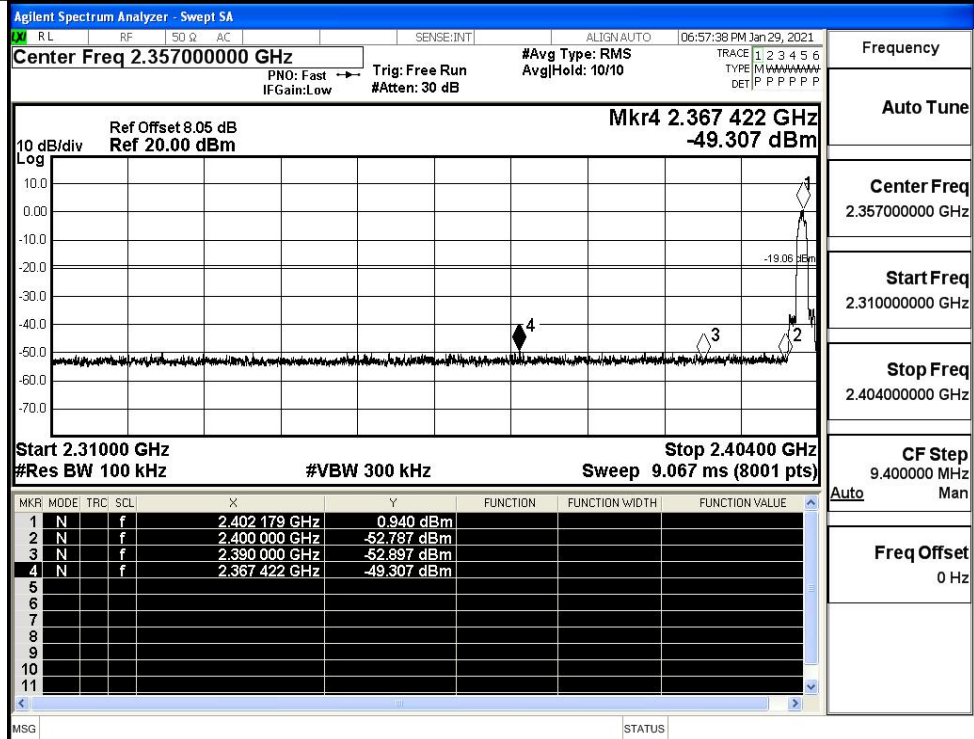
Frequency	
Auto Tune	
Center Freq	2.489000000 GHz
Start Freq	2.478000000 GHz
Stop Freq	2.500000000 GHz
CF Step	2.200000 MHz
Freq Offset	0 Hz

π /4DQPSK/HCH/Hop



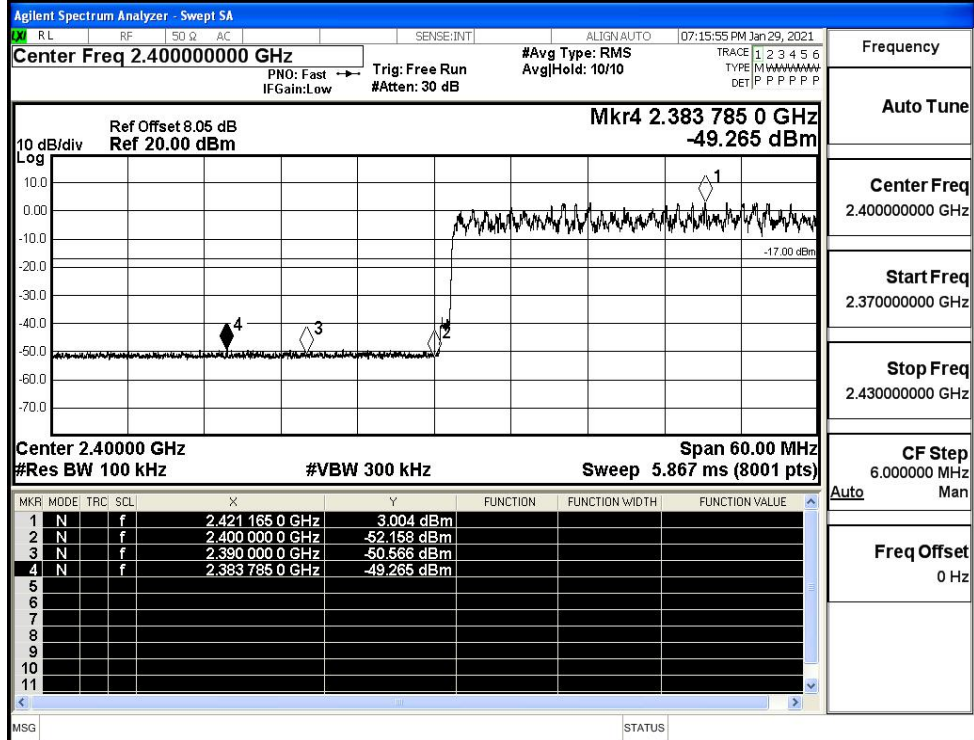
Frequency	
Auto Tune	
Center Freq	2.483500000 GHz
Start Freq	2.453500000 GHz
Stop Freq	2.513500000 GHz
CF Step	6.000000 MHz
Freq Offset	0 Hz

8DPSK/LCH/No Hop



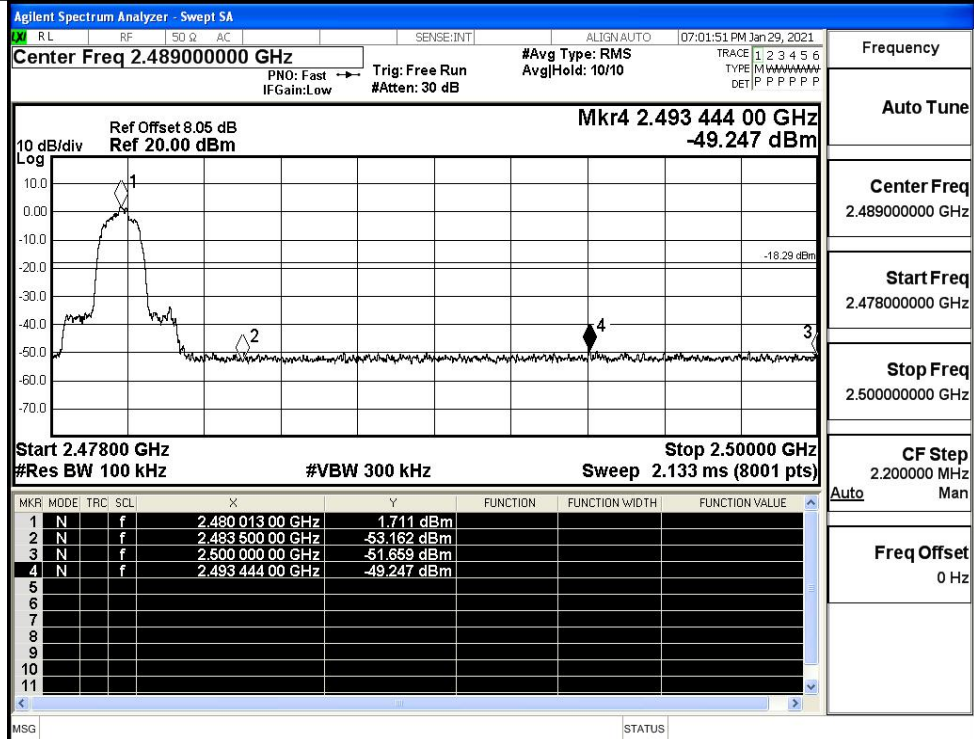
Frequency
Auto Tune
Center Freq
2.357000000 GHz
Start Freq
2.310000000 GHz
Stop Freq
2.404000000 GHz
CF Step
9.400000 MHz
Auto Man
Freq Offset
0 Hz

8DPSK/LCH/Hop



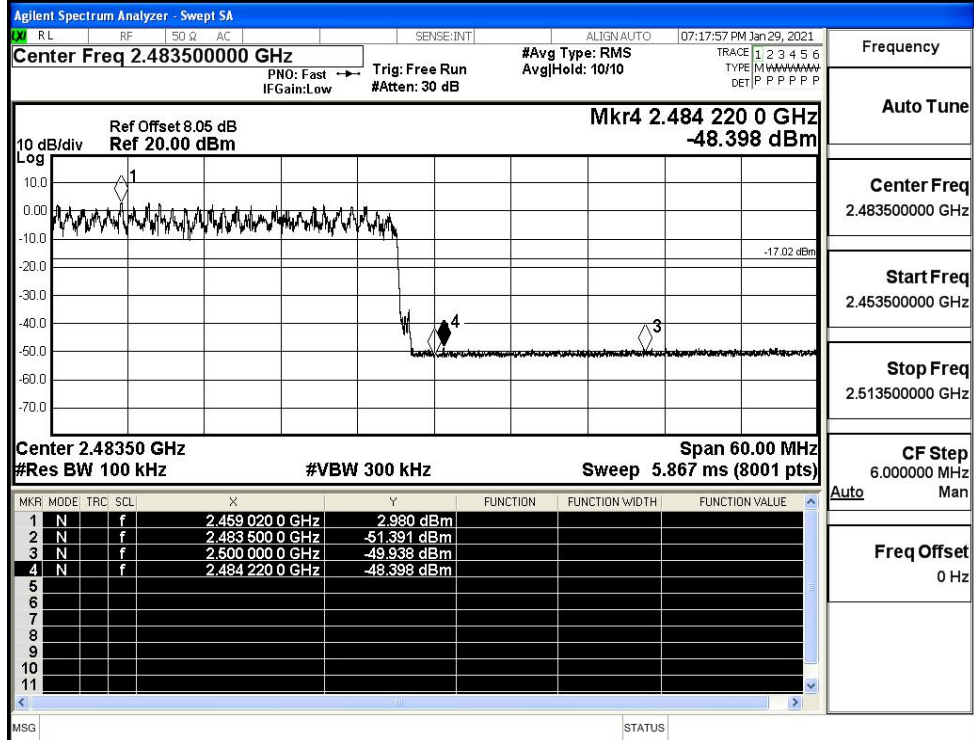
Frequency
Auto Tune
Center Freq
2.400000000 GHz
Start Freq
2.370000000 GHz
Stop Freq
2.430000000 GHz
CF Step
6.000000 MHz
Auto Man
Freq Offset
0 Hz

8DPSK/HCH/No Hop



Frequency	
Auto Tune	
Center Freq	2.489000000 GHz
Start Freq	2.478000000 GHz
Stop Freq	2.500000000 GHz
CF Step	2.200000 MHz
Freq Offset	0 Hz

8DPSK/HCH/Hop

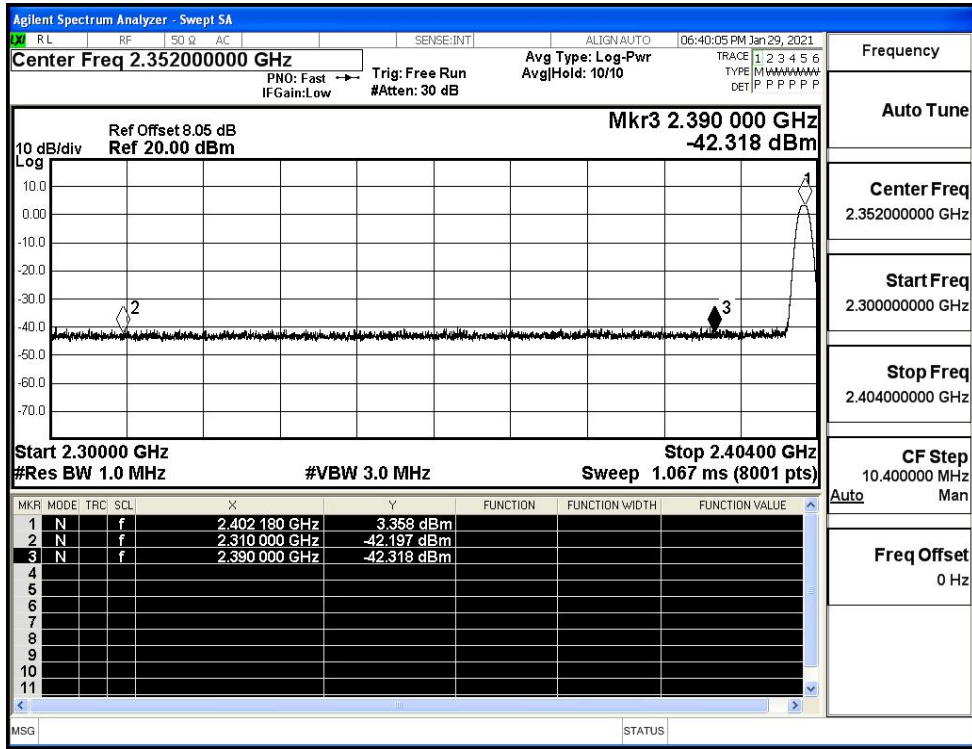


Frequency	
Auto Tune	
Center Freq	2.483500000 GHz
Start Freq	2.453500000 GHz
Stop Freq	2.513500000 GHz
CF Step	6.000000 MHz
Freq Offset	0 Hz

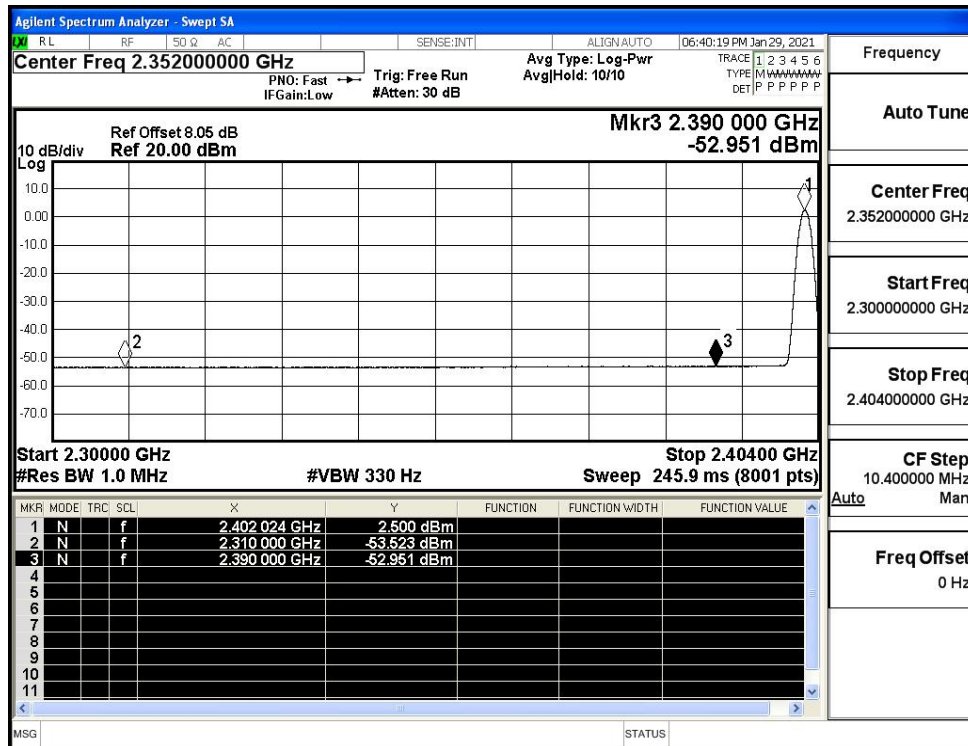
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-42.20	2.0	0	55.06	PEAK	74	PASS
	Off	2310.0	-53.52	2.0	0	43.74	AV	54	PASS
	Off	2390.0	-42.32	2.0	0	54.94	PEAK	74	PASS
	Off	2390.0	-52.95	2.0	0	44.31	AV	54	PASS
	Off	2483.5	-41.65	2.0	0	55.61	PEAK	74	PASS
	Off	2483.5	-52.54	2.0	0	44.72	AV	54	PASS
	Off	2500.0	-41.51	2.0	0	55.75	PEAK	74	PASS
	Off	2500.0	-52.45	2.0	0	44.81	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-42.82	2.0	0	54.44	PEAK	74	PASS
	Off	2310.0	-53.38	2.0	0	43.88	AV	54	PASS
	Off	2390.0	-42.61	2.0	0	54.65	PEAK	74	PASS
	Off	2390.0	-53.12	2.0	0	44.14	AV	54	PASS
	Off	2483.5	-43.01	2.0	0	54.25	PEAK	74	PASS
	Off	2483.5	-52.61	2.0	0	44.65	AV	54	PASS
	Off	2500.0	-41.78	2.0	0	55.48	PEAK	74	PASS
	Off	2500.0	-52.47	2.0	0	44.79	AV	54	PASS
8DPSK	Off	2310.0	-44.12	2.0	0	53.14	PEAK	74	PASS
	Off	2310.0	-53.54	2.0	0	43.72	AV	54	PASS
	Off	2390.0	-43.39	2.0	0	53.87	PEAK	74	PASS
	Off	2390.0	-52.96	2.0	0	44.3	AV	54	PASS
	Off	2483.5	-42.67	2.0	0	54.59	PEAK	74	PASS
	Off	2483.5	-52.53	2.0	0	44.73	AV	54	PASS
	Off	2500.0	-42.61	2.0	0	54.65	PEAK	74	PASS
	Off	2500.0	-52.48	2.0	0	44.78	AV	54	PASS

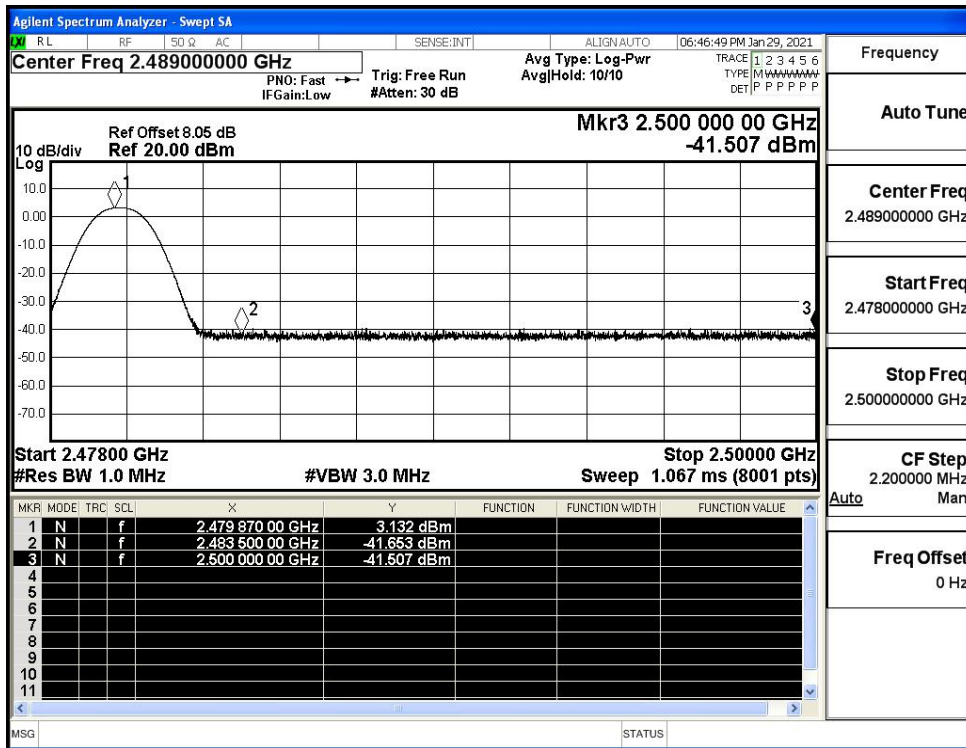
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (Low Channel)



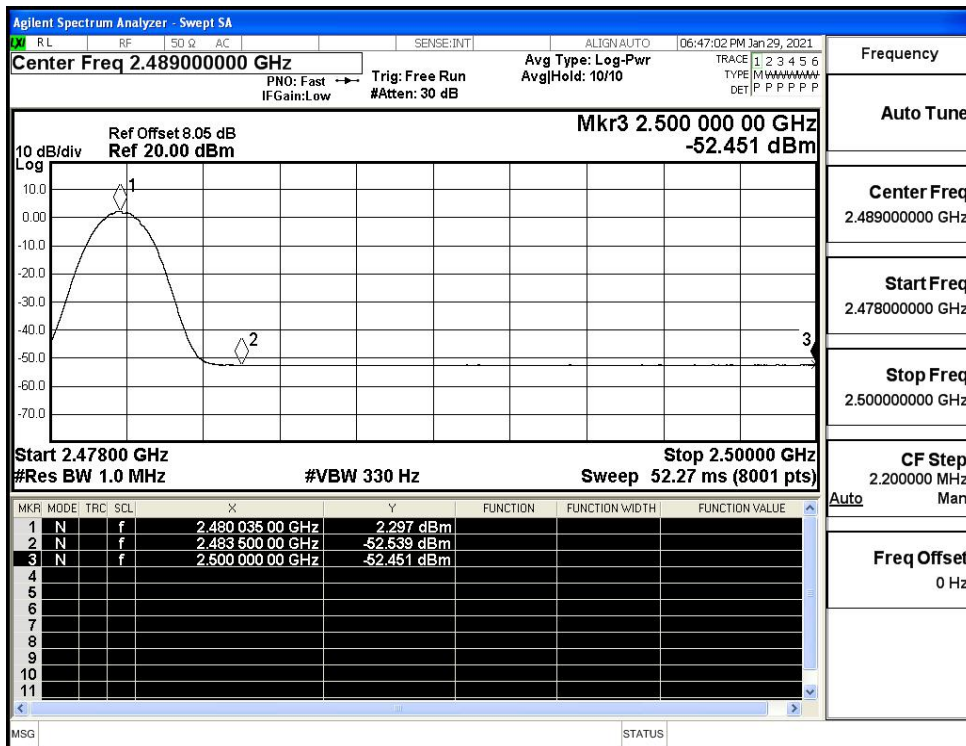
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (Low Channel)



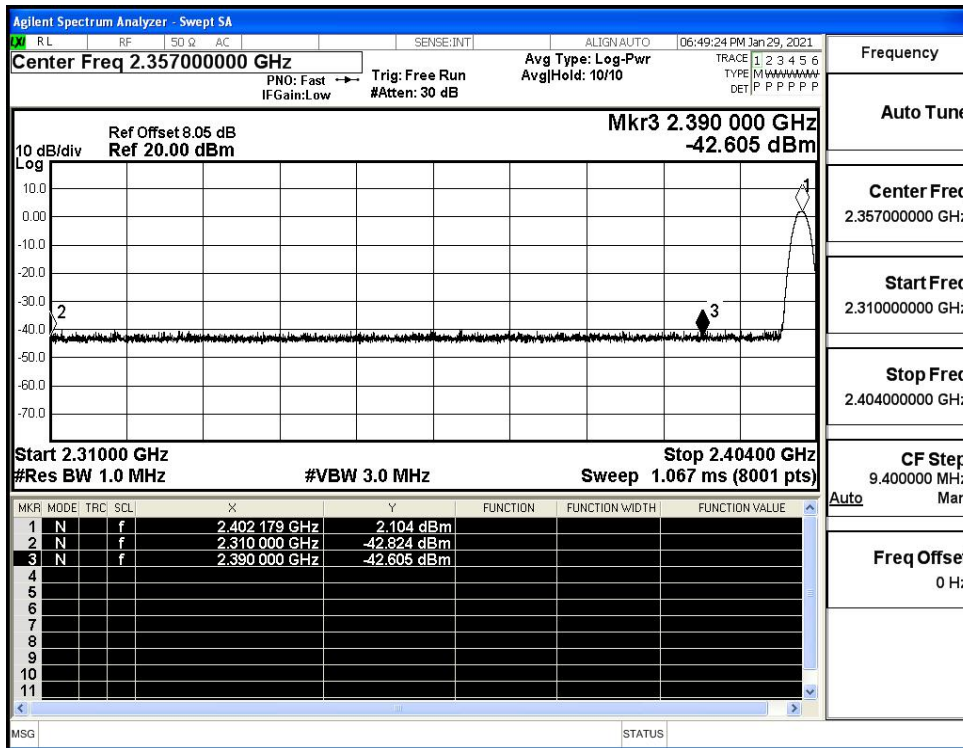
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (High Channel)



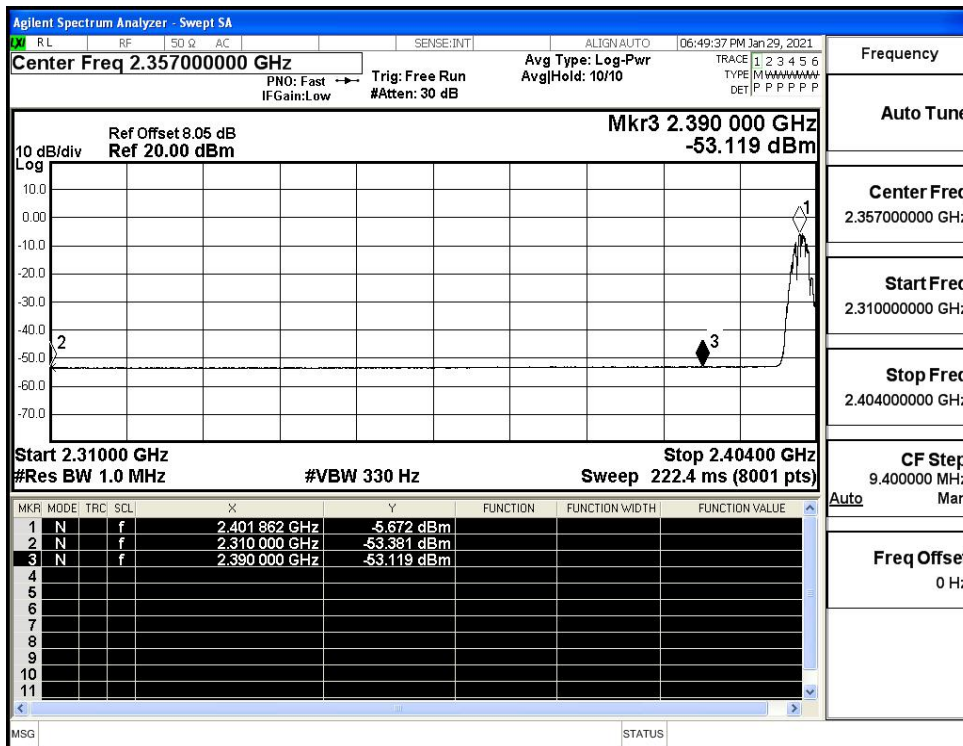
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (High Channel)



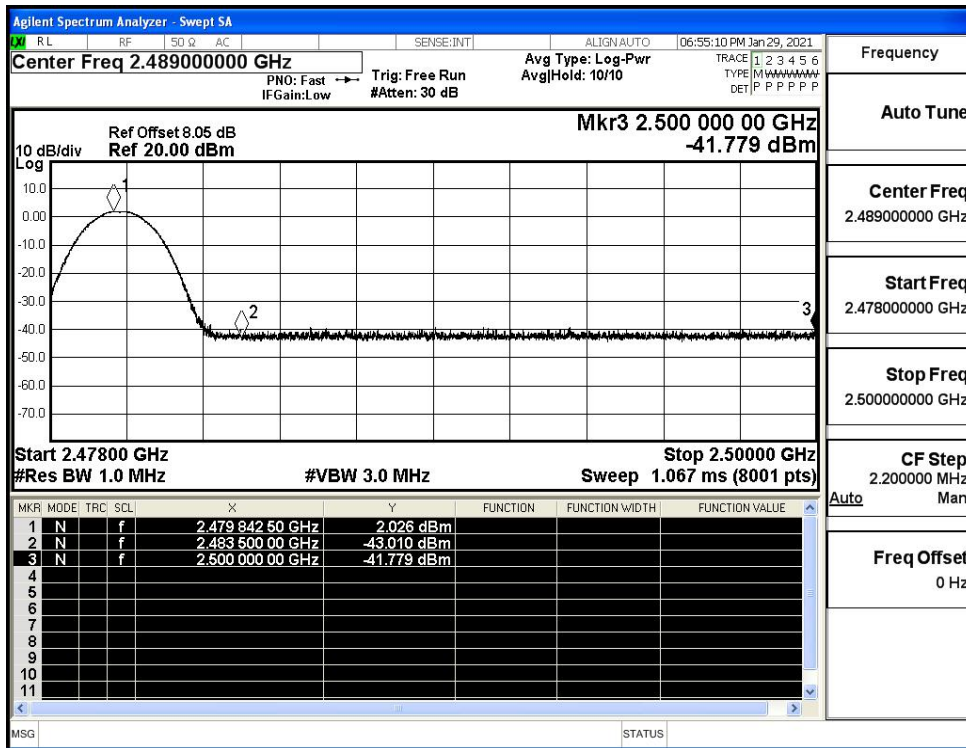
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_PEAK (Low Channel)



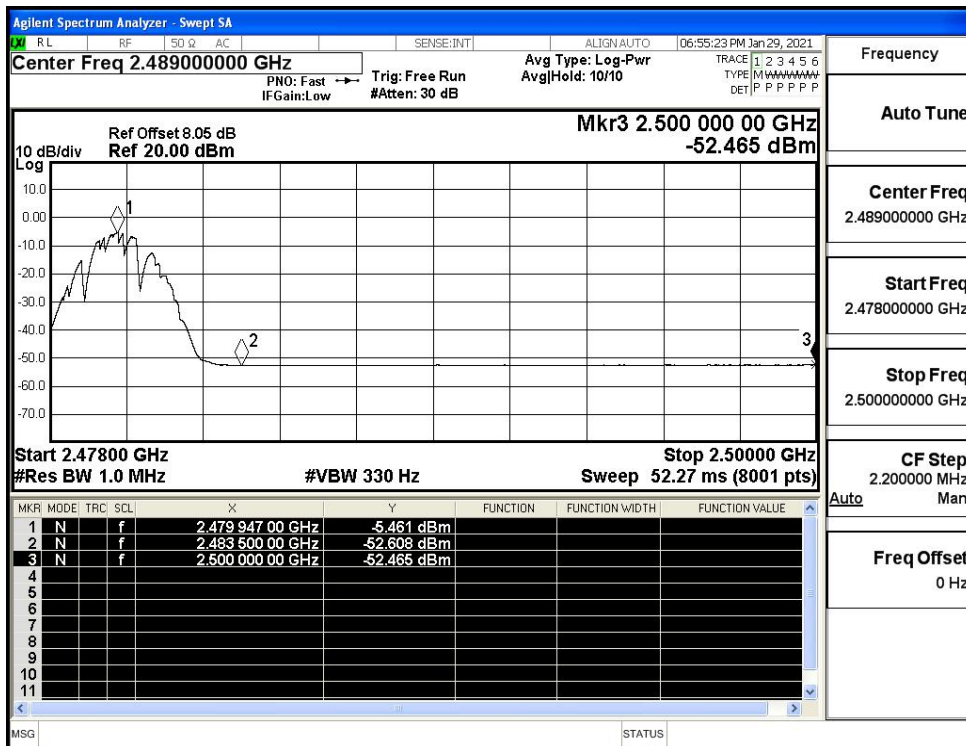
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_Average (Low Channel)



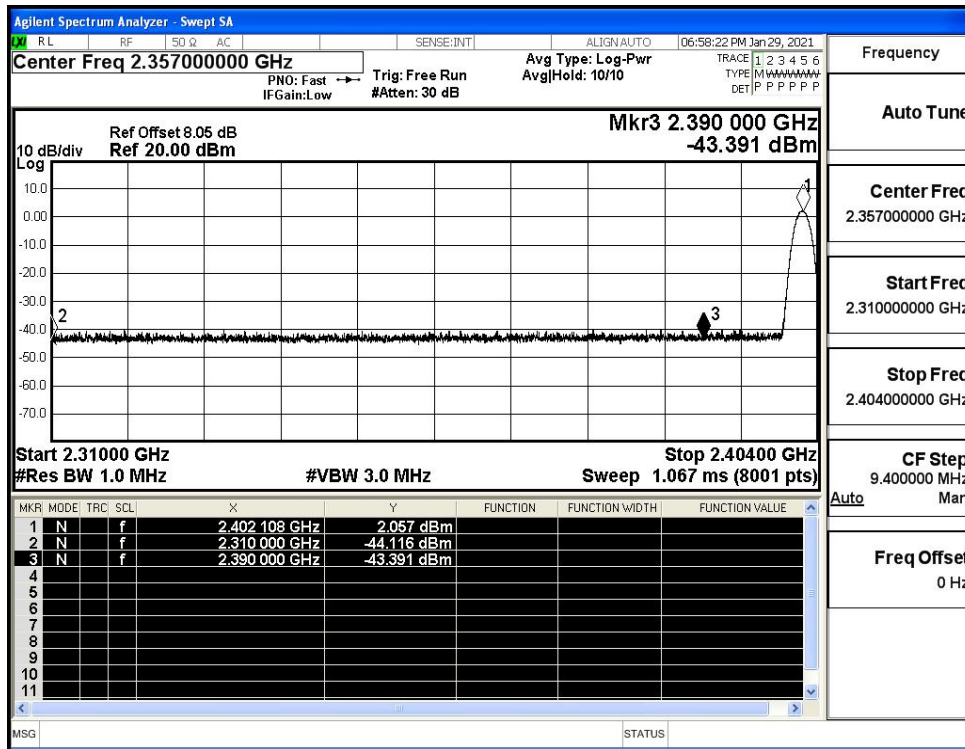
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



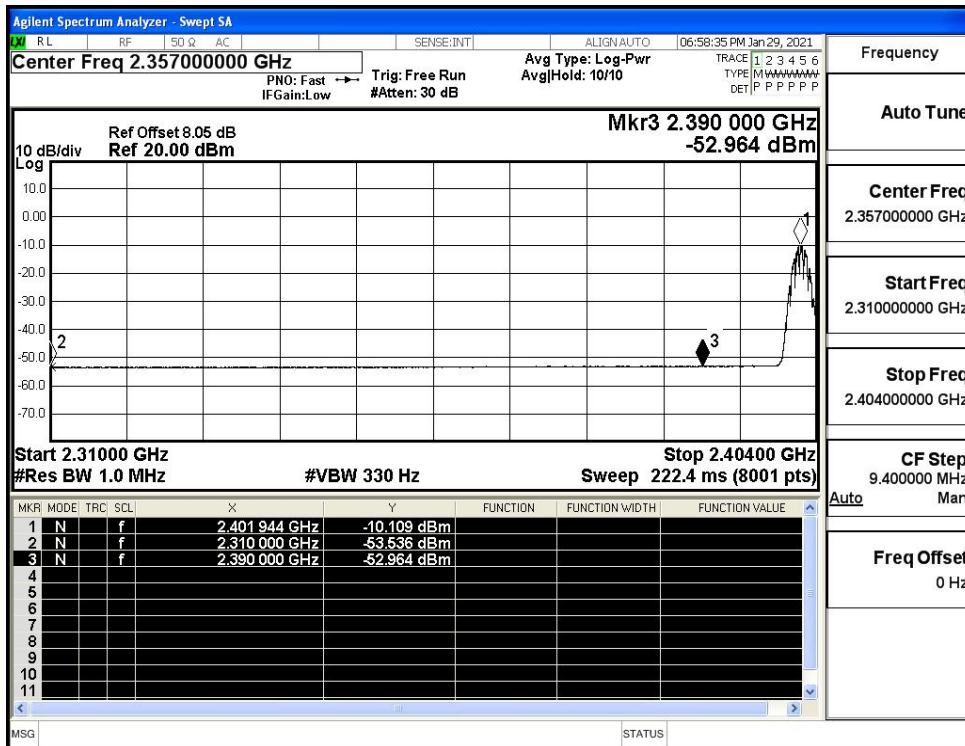
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



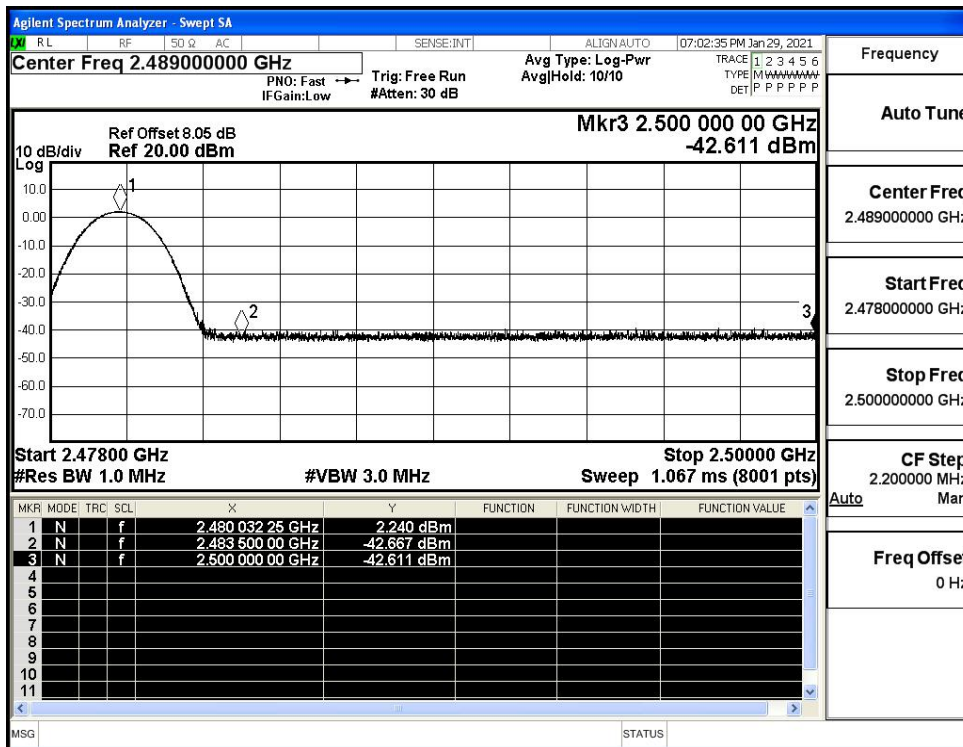
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (High Channel)



Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (High Channel)

