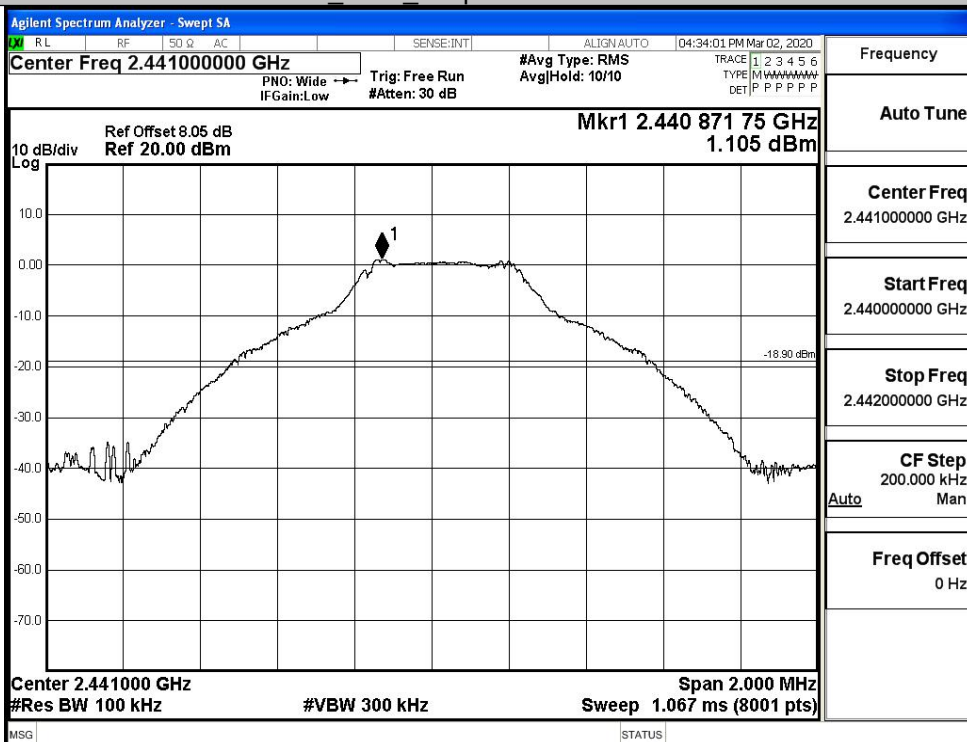
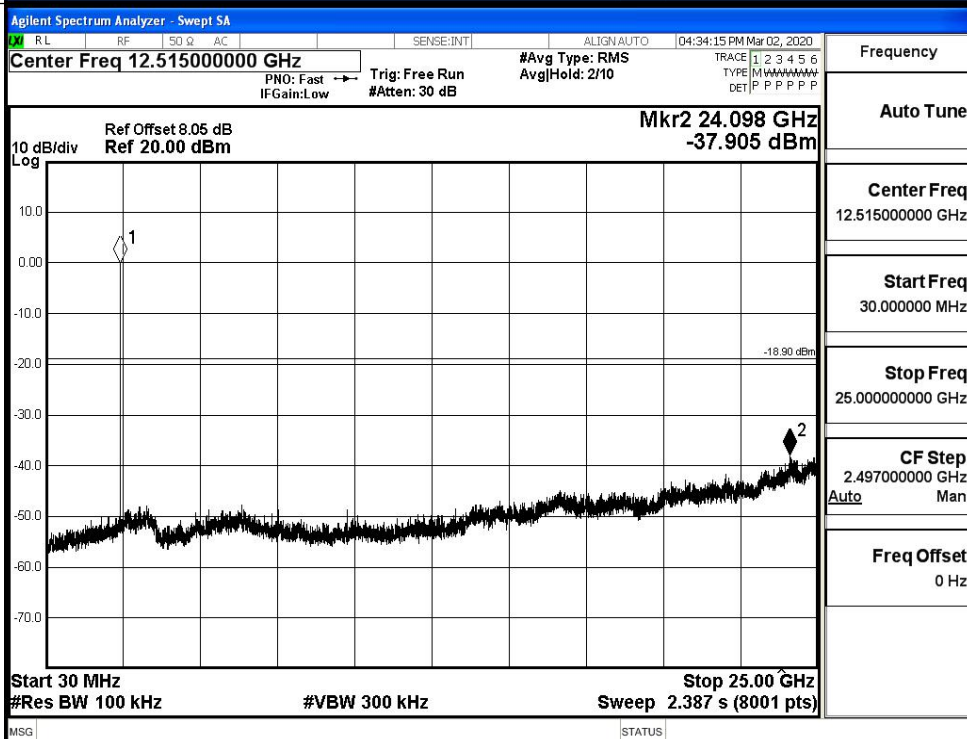


GFSK_MCH_Graphs

Pref

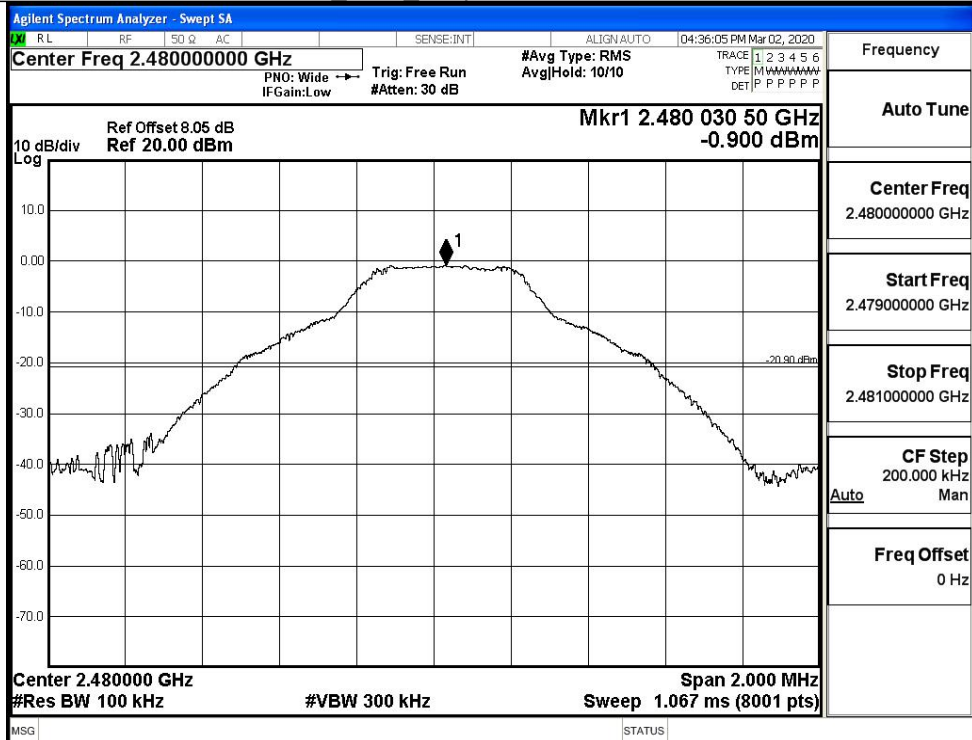


Puw

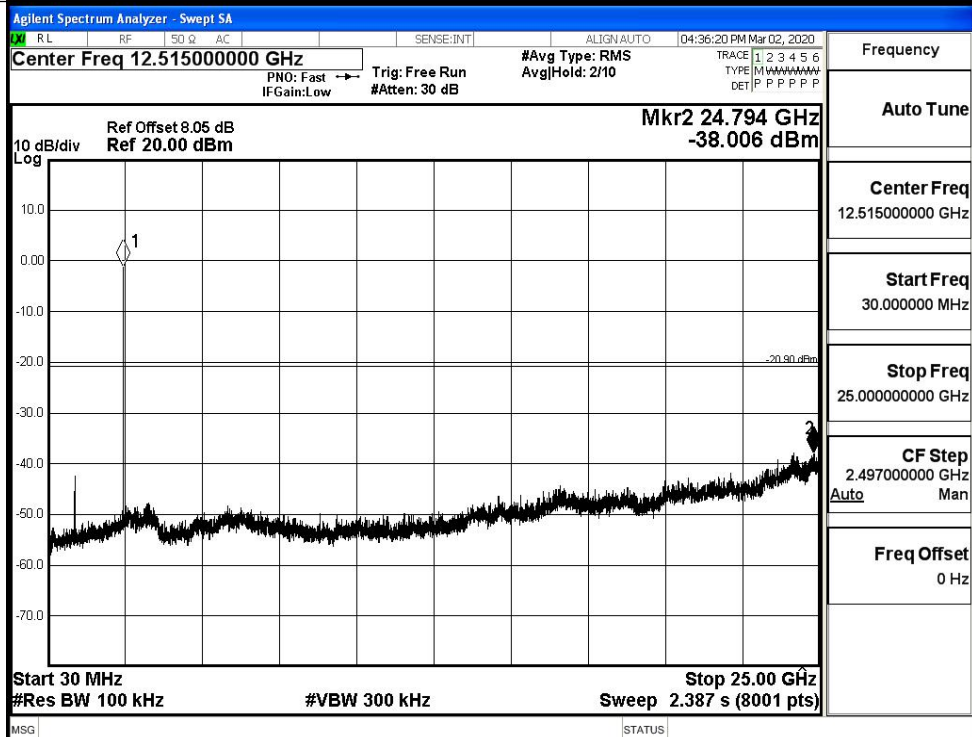


GFSK HCH_Graphs

Pref

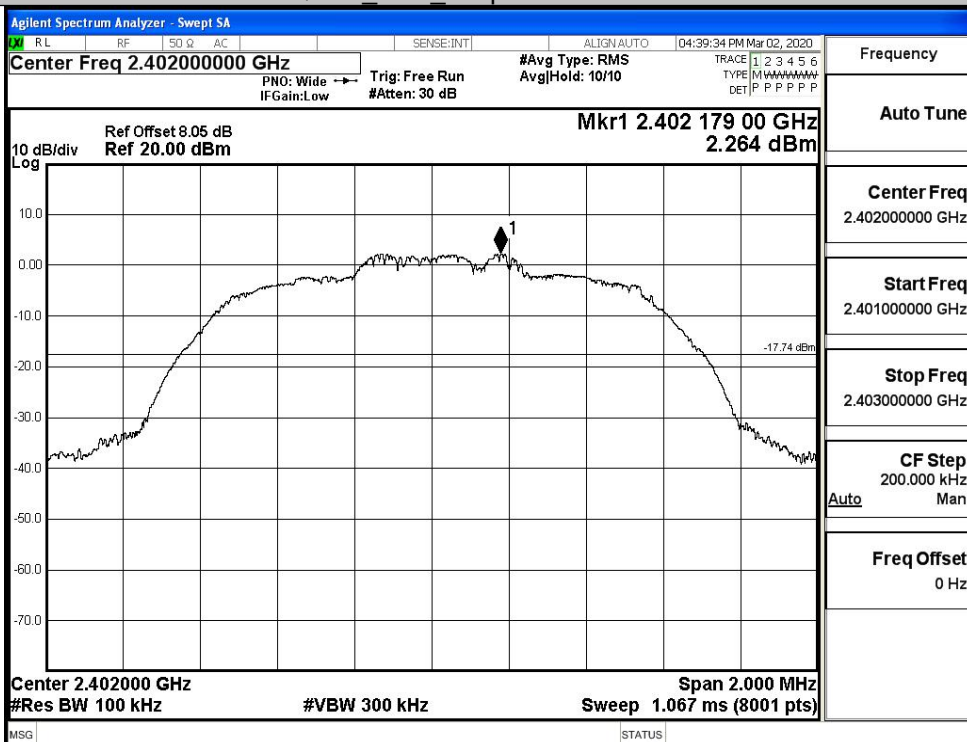


Puw

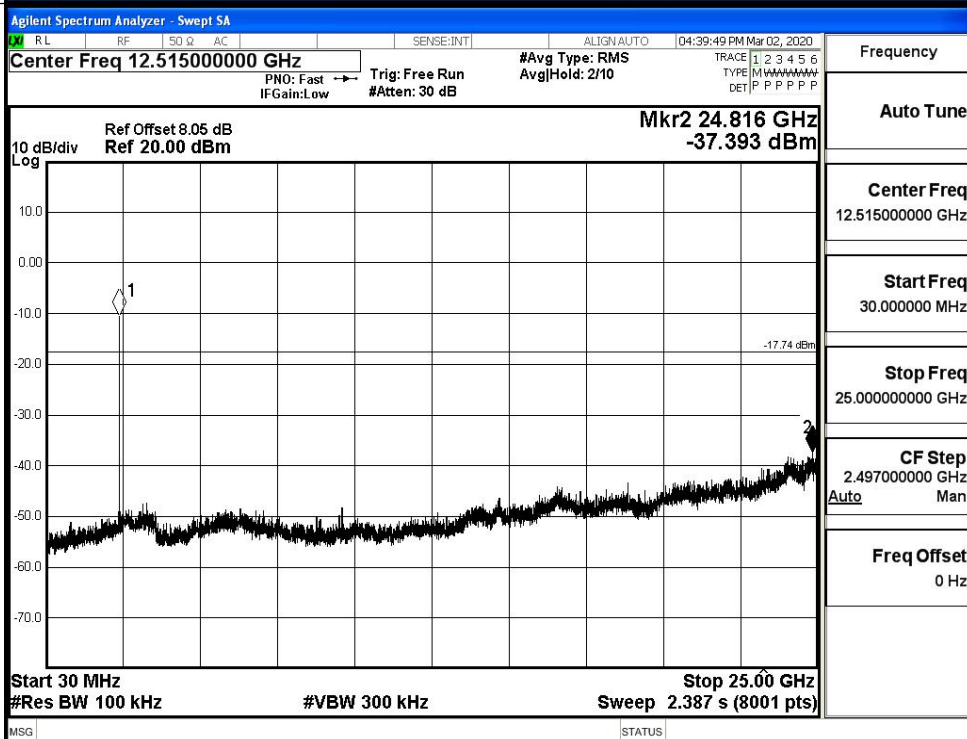


$\pi/4$ DQPSK LCH_Graphs

Pref

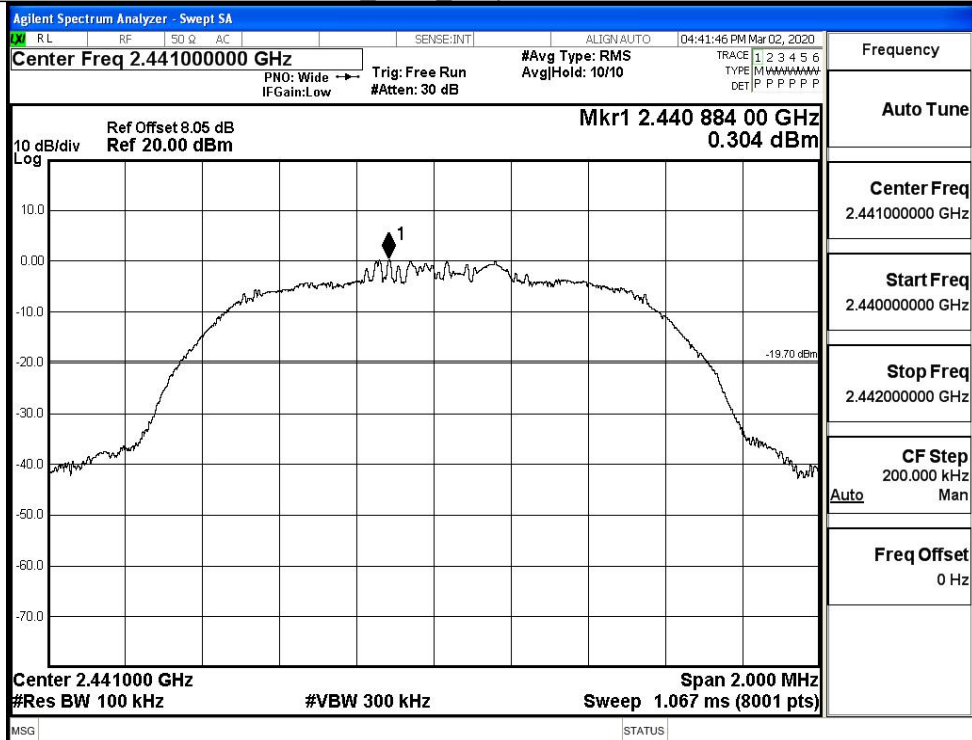


Puw

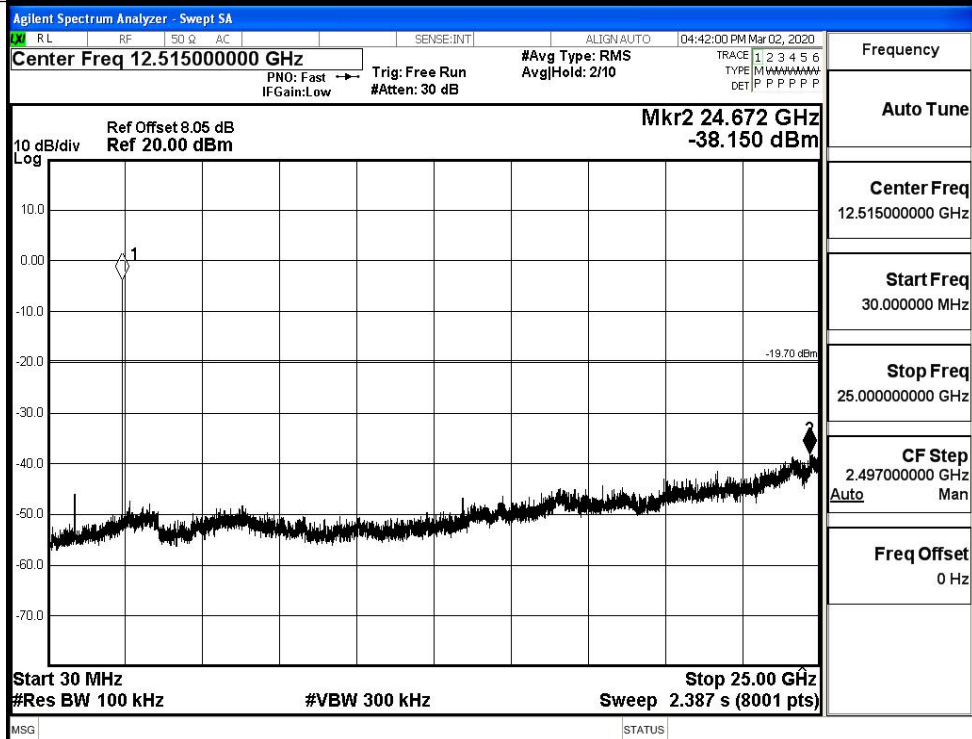


π /4DQPSK_MCH_Graphs

Pref

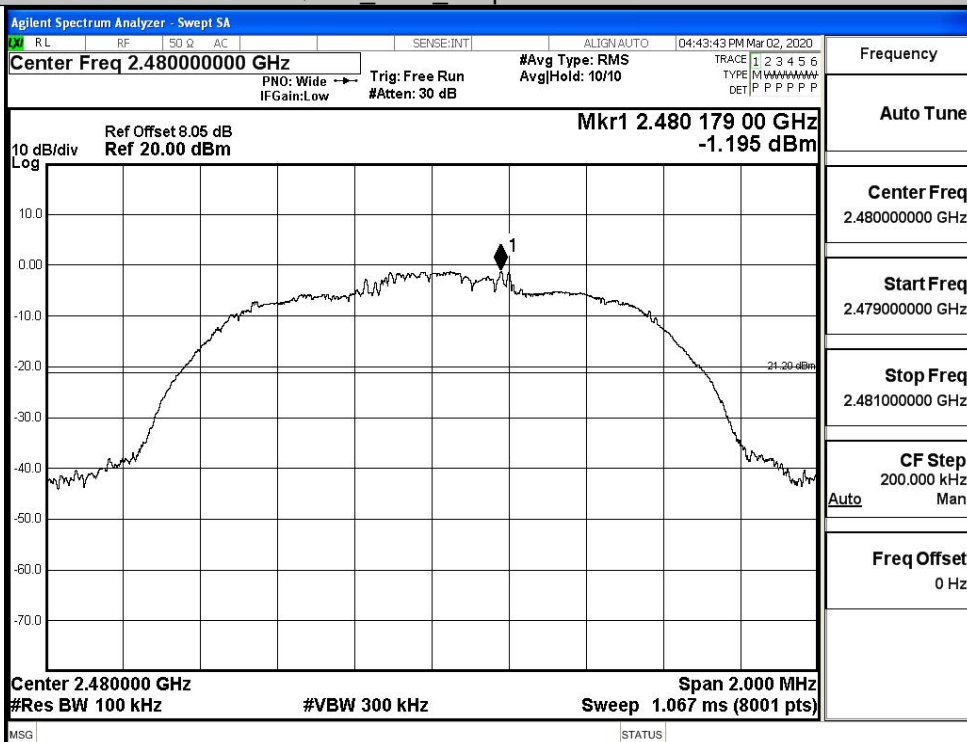


Puw

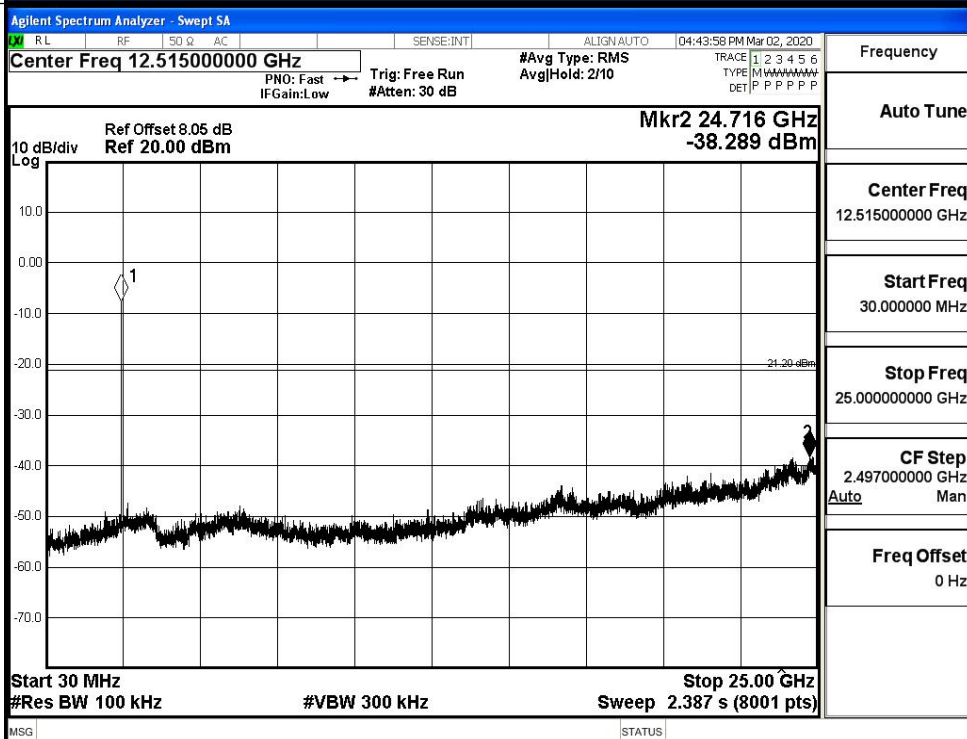


$\pi/4$ DQPSK HCH_Graphs

Pref

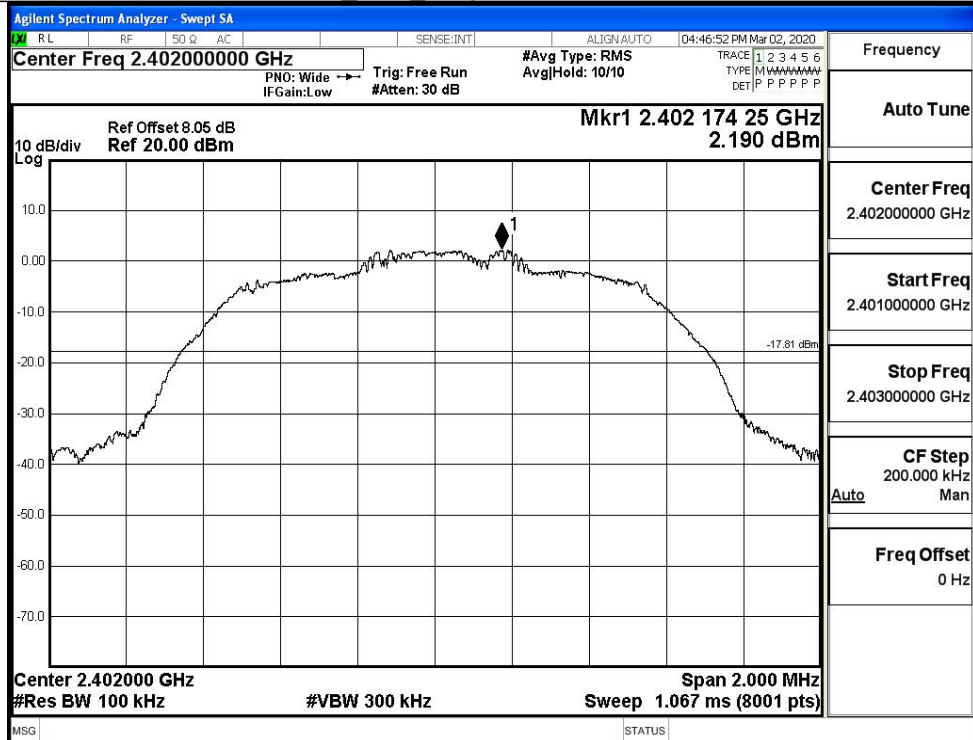


Puw

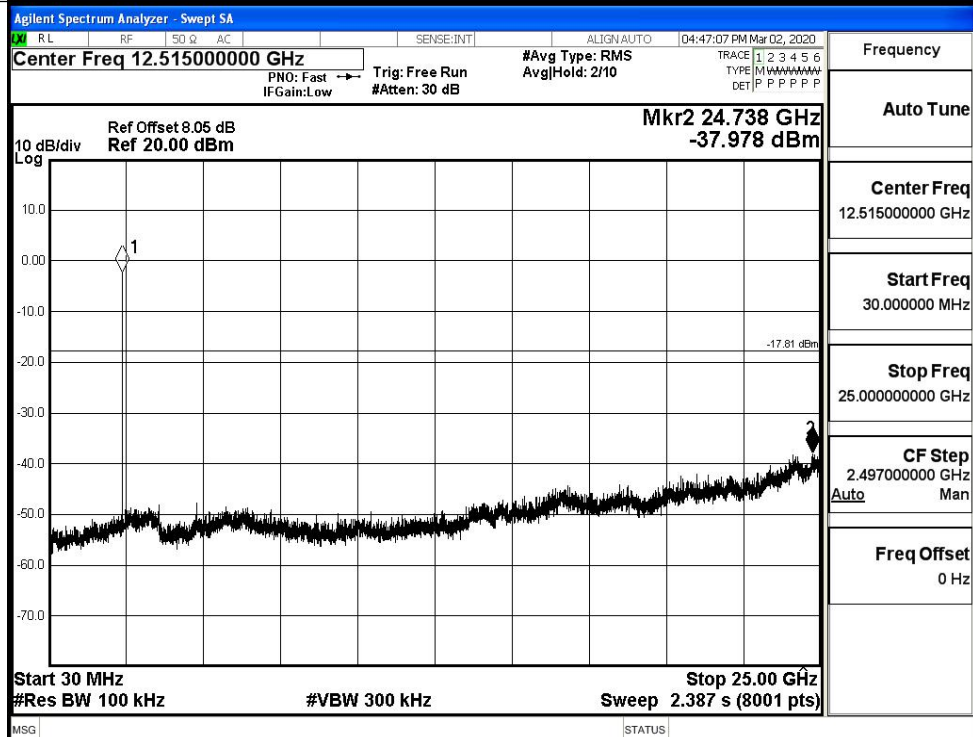


8DPSK_LCH_Graphs

Pref

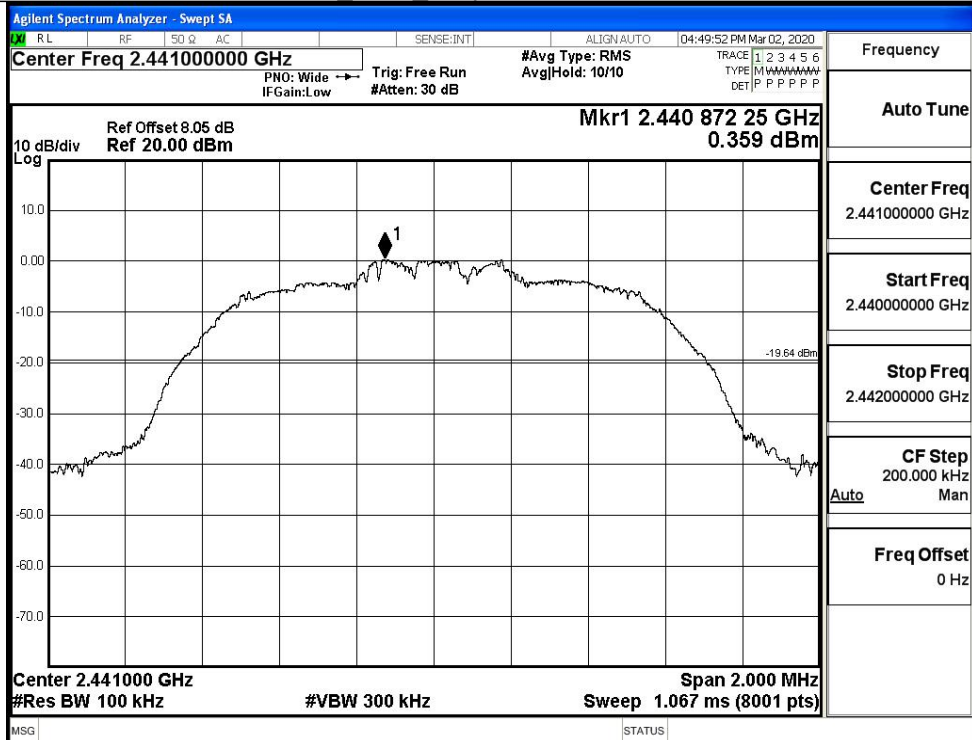


Puw

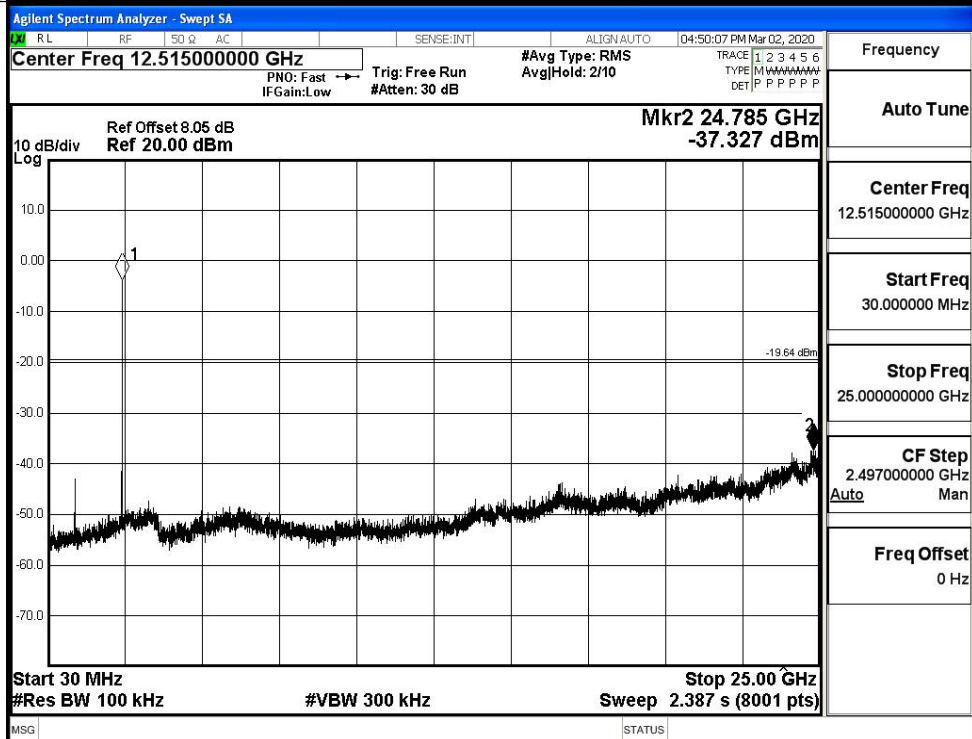


8DPSK_MCH_Graphs

Pref

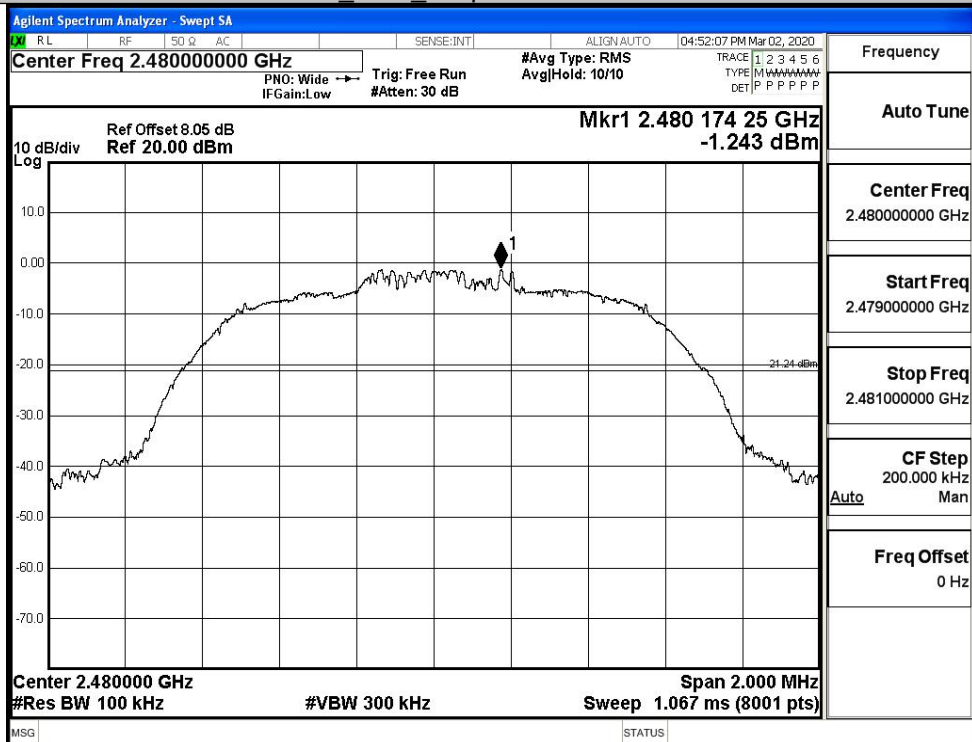


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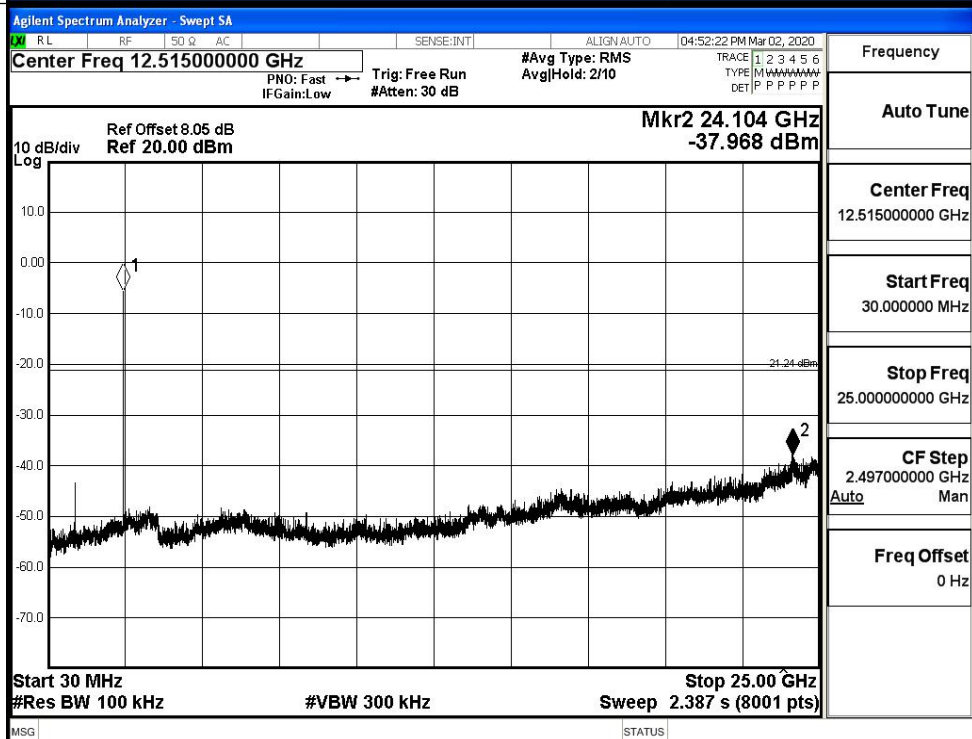


8DPSK_HCH_Graphs

Pref



Puw

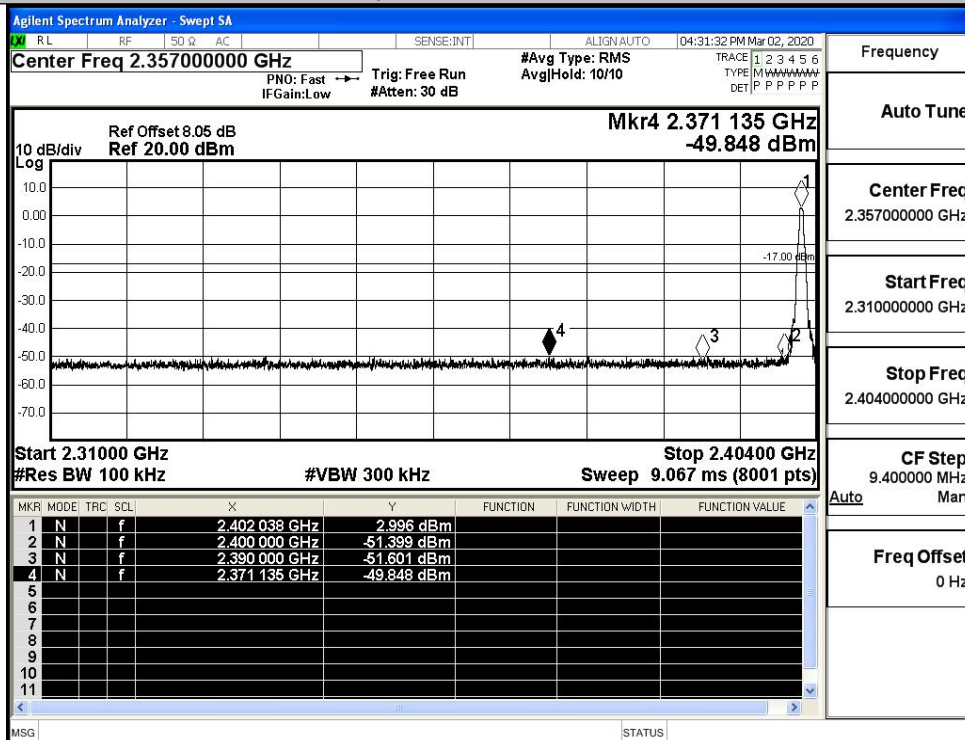


A.7 Band-edge for RF Conducted Emissions

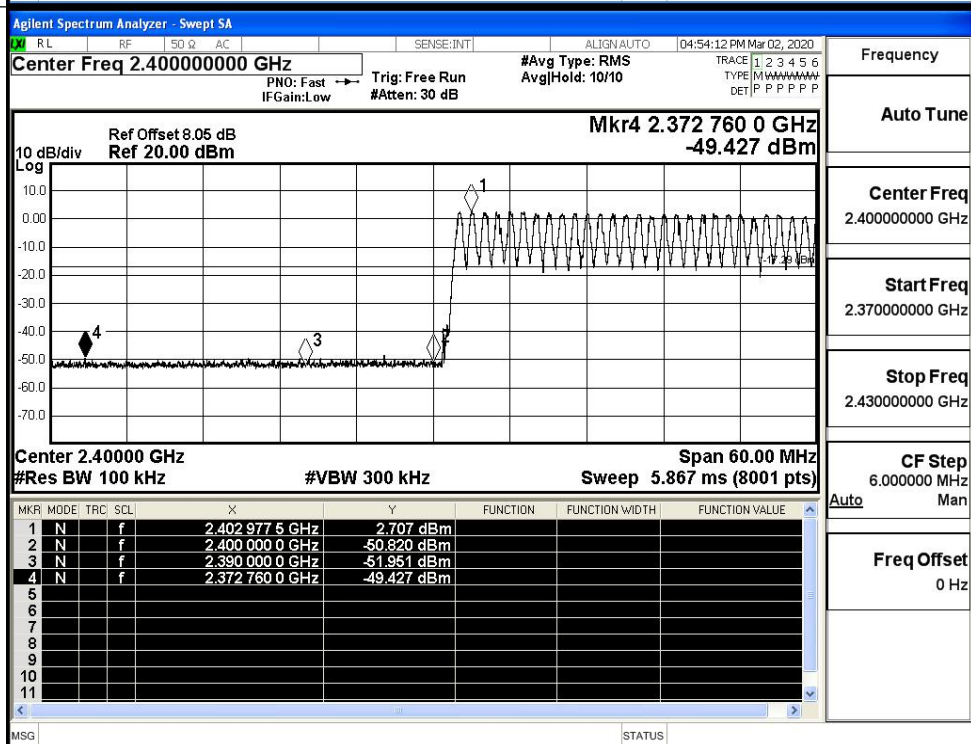
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	2.996	Off	-49.848	-17	PASS
			2.707	On	-49.427	-17.29	PASS
	HCH	2480	-0.405	Off	-49.540	-20.41	PASS
			0.190	On	-48.638	-19.81	PASS
$\pi/4$ DQPSK	LCH	2402	1.235	Off	-48.690	-18.77	PASS
			2.446	On	-48.533	-17.55	PASS
	HCH	2480	-0.718	Off	-49.303	-20.72	PASS
			-0.178	On	-47.683	-20.18	PASS
8DPSK	LCH	2402	2.593	Off	-49.890	-17.41	PASS
			2.475	On	-49.079	-17.53	PASS
	HCH	2480	-0.723	Off	-49.481	-20.72	PASS
			0.191	On	-48.607	-19.81	PASS

Test Graphs

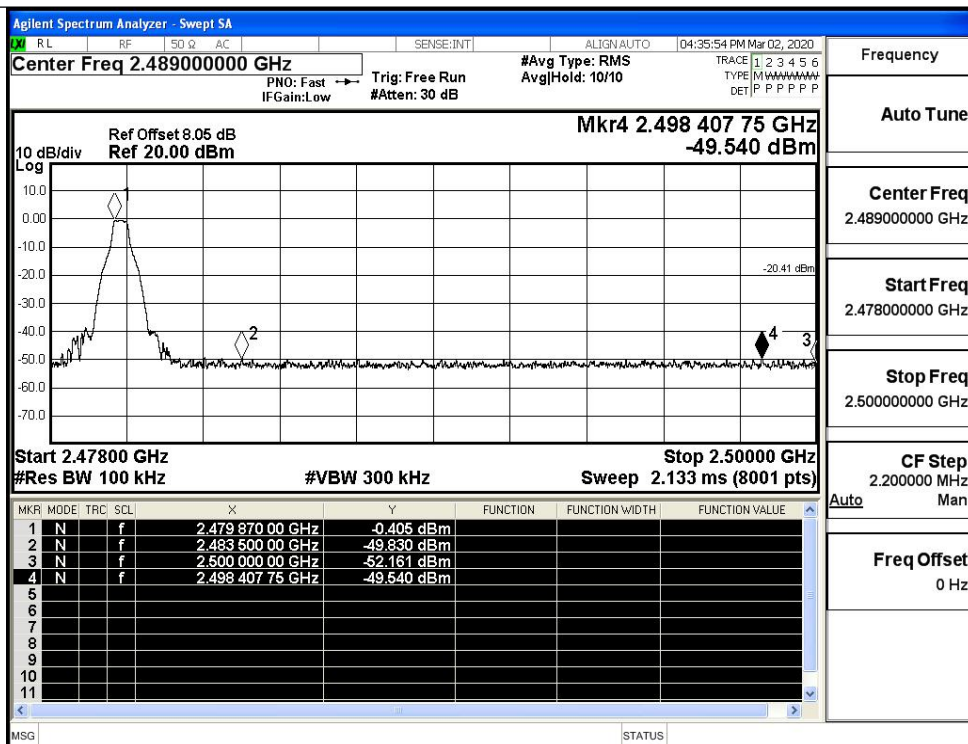
GFSK/LCH/No Hop



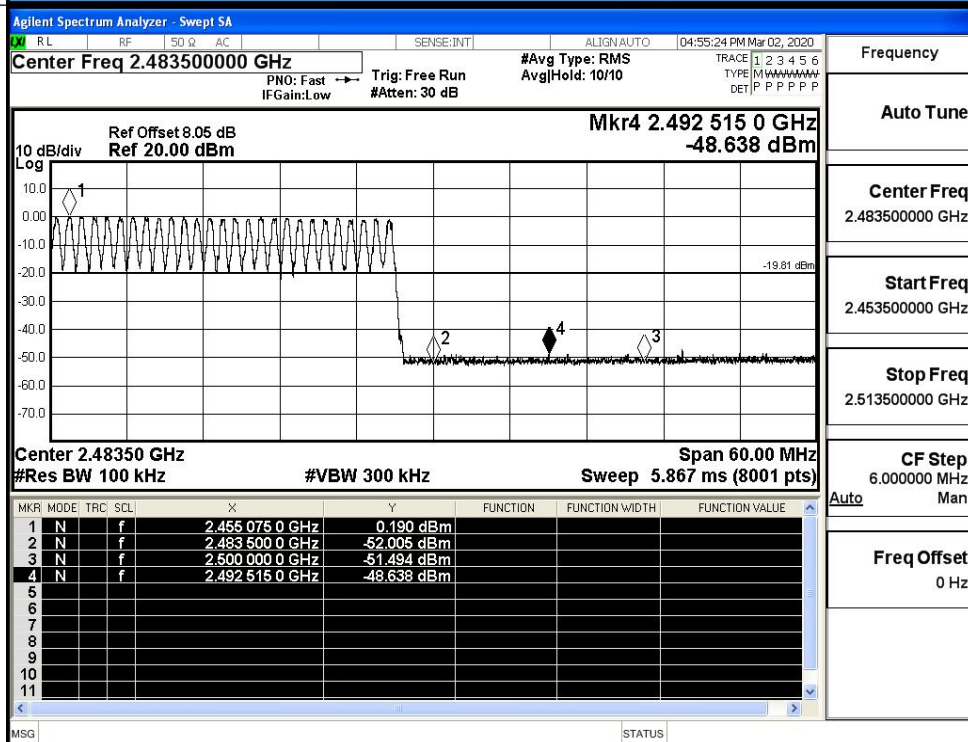
GFSK/LCH/Hop



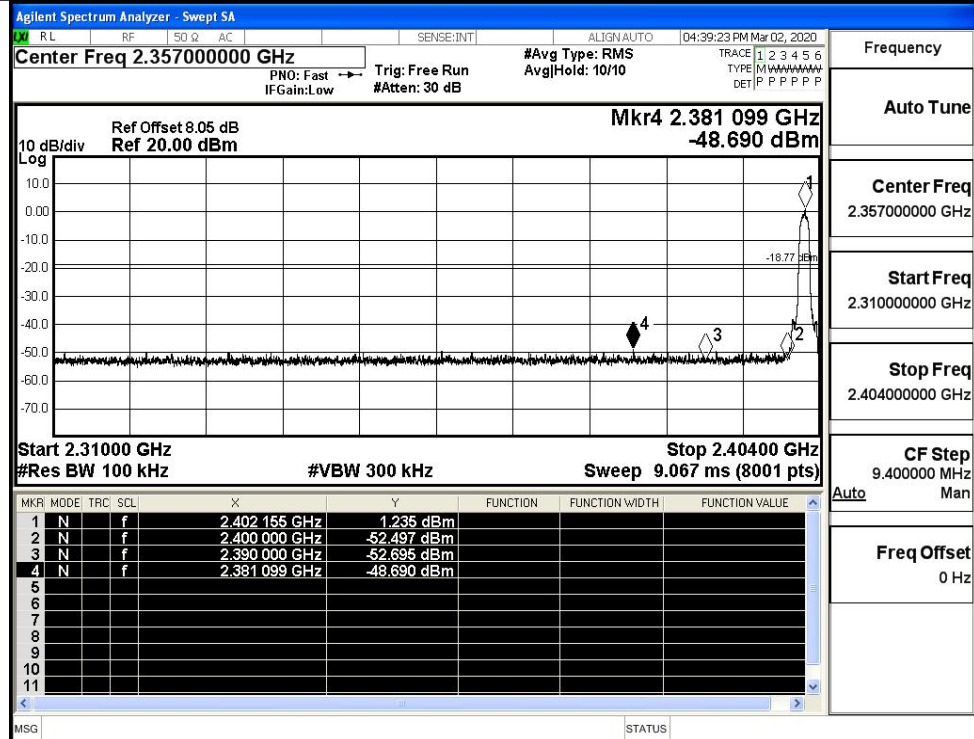
GFSK/HCH/No Hop



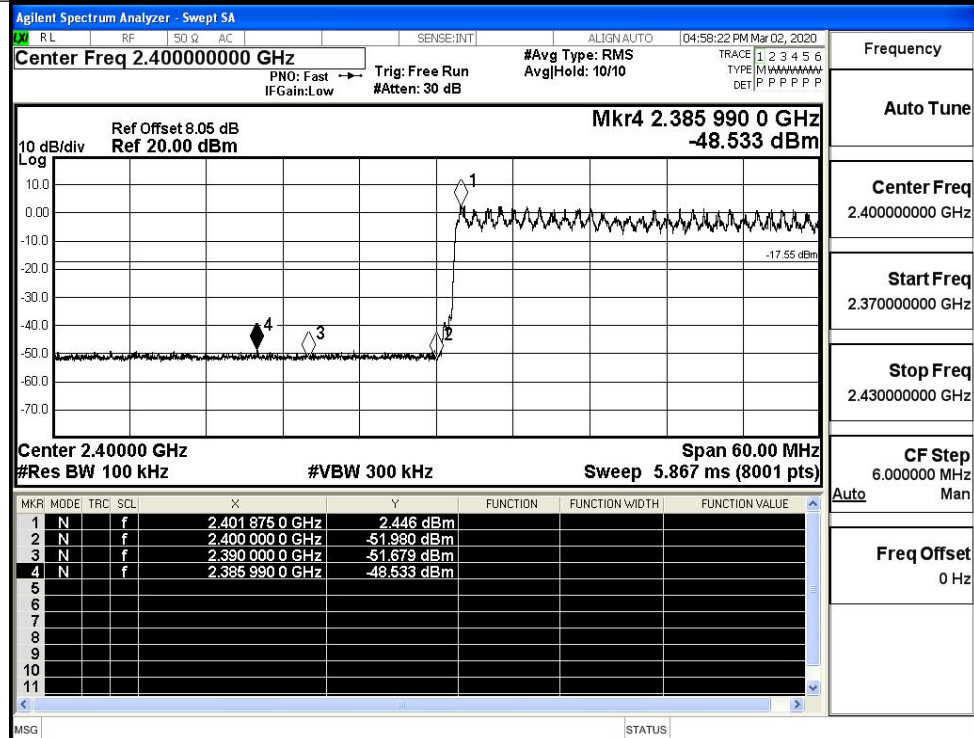
GFSK/HCH/Hop



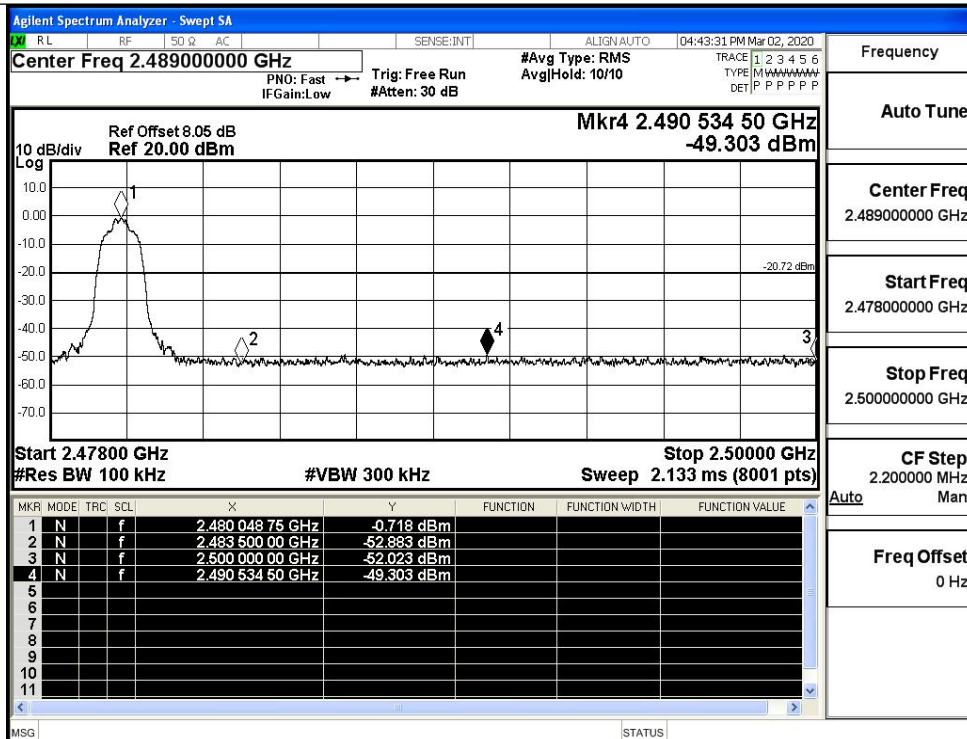
$\pi/4$ DQPSK/LCH/No
Hop



$\pi/4$ DQPSK/LCH/Hop



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



Frequency

Auto Tune

Center Freq
2.489000000 GHz

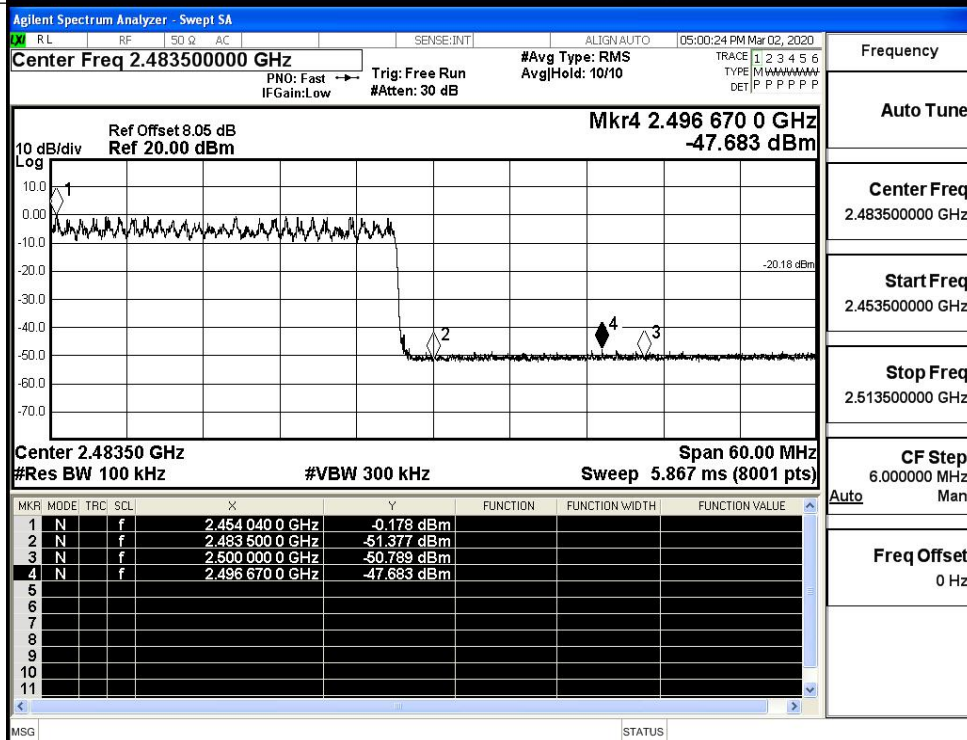
Start Freq
2.478000000 GHz

Stop Freq
2.500000000 GHz

CF Step
2.200000 MHz

Freq Offset
0 Hz

$\pi/4$ DQPSK/HCH/Hop



Frequency

Auto Tune

Center Freq
2.483500000 GHz

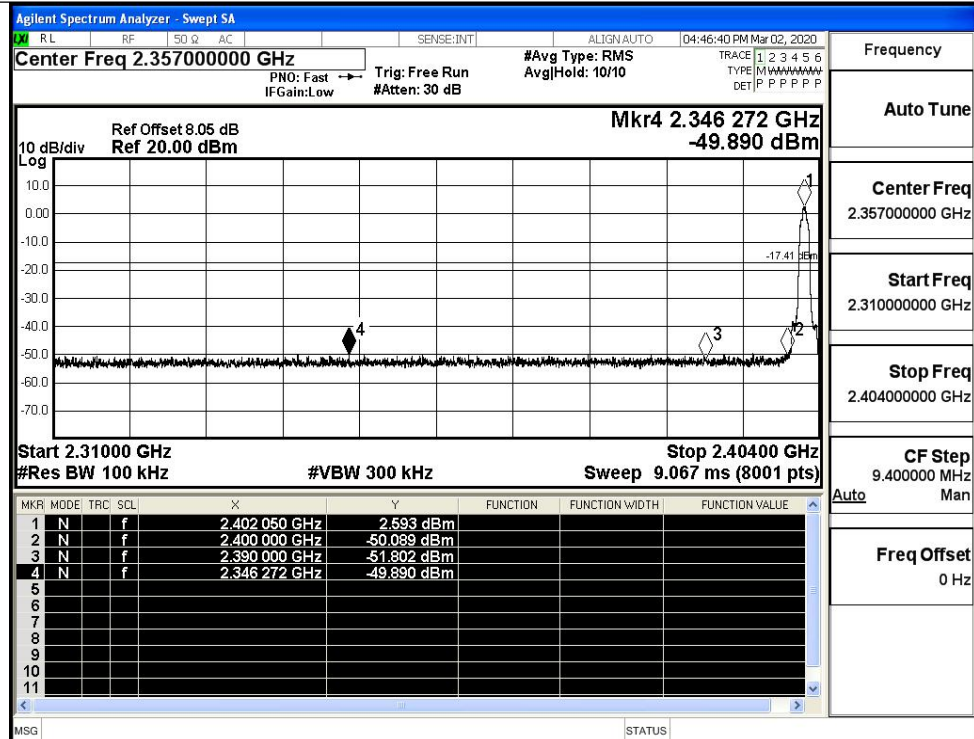
Start Freq
2.453500000 GHz

Stop Freq
2.513500000 GHz

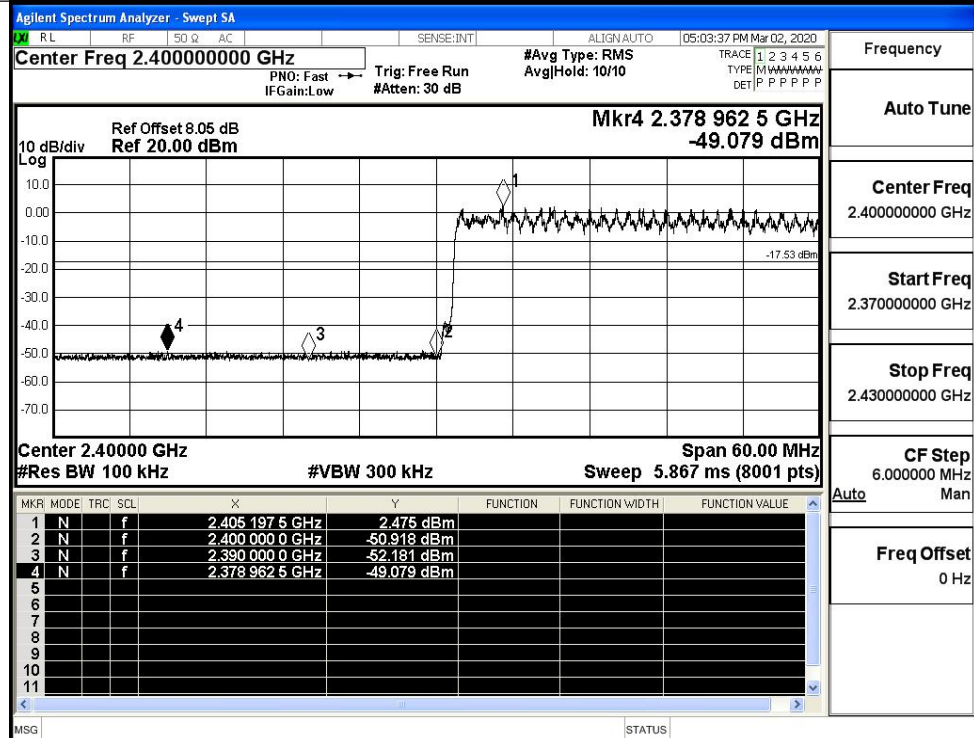
CF Step
6.000000 MHz

Freq Offset
0 Hz

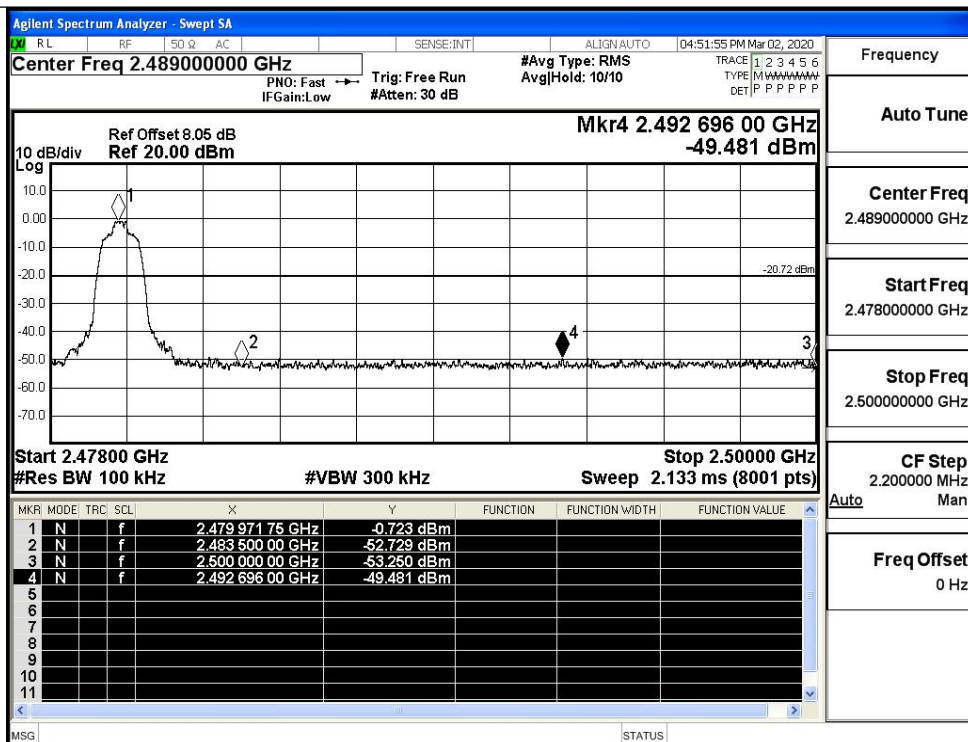
8DPSK/LCH/No Hop



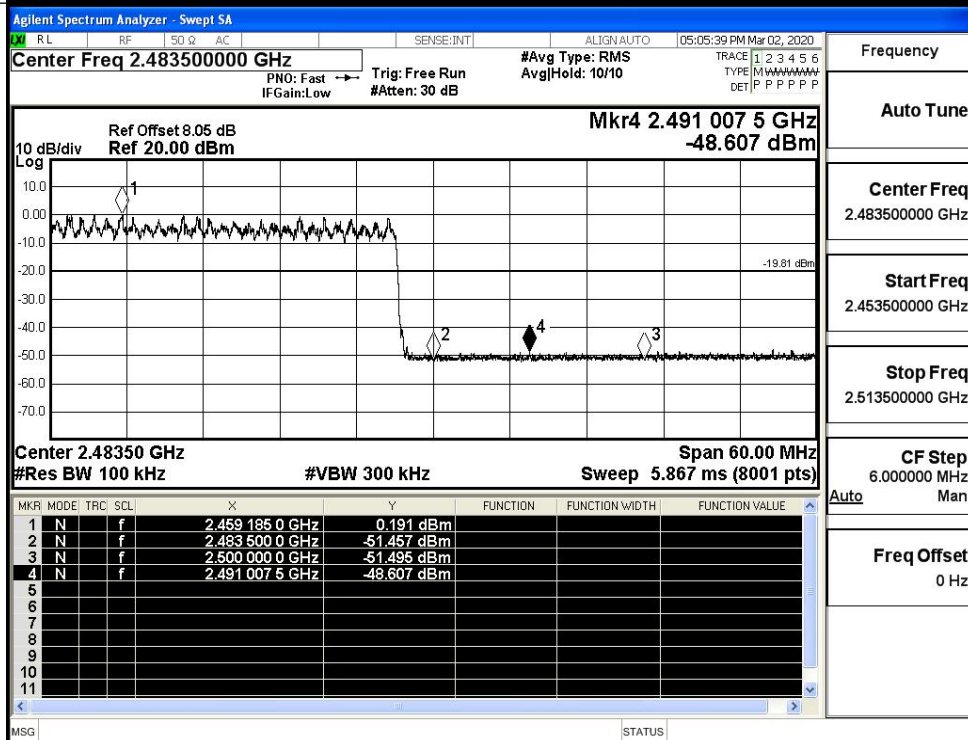
8DPSK/LCH/Hop



8DPSK/HCH/No Hop



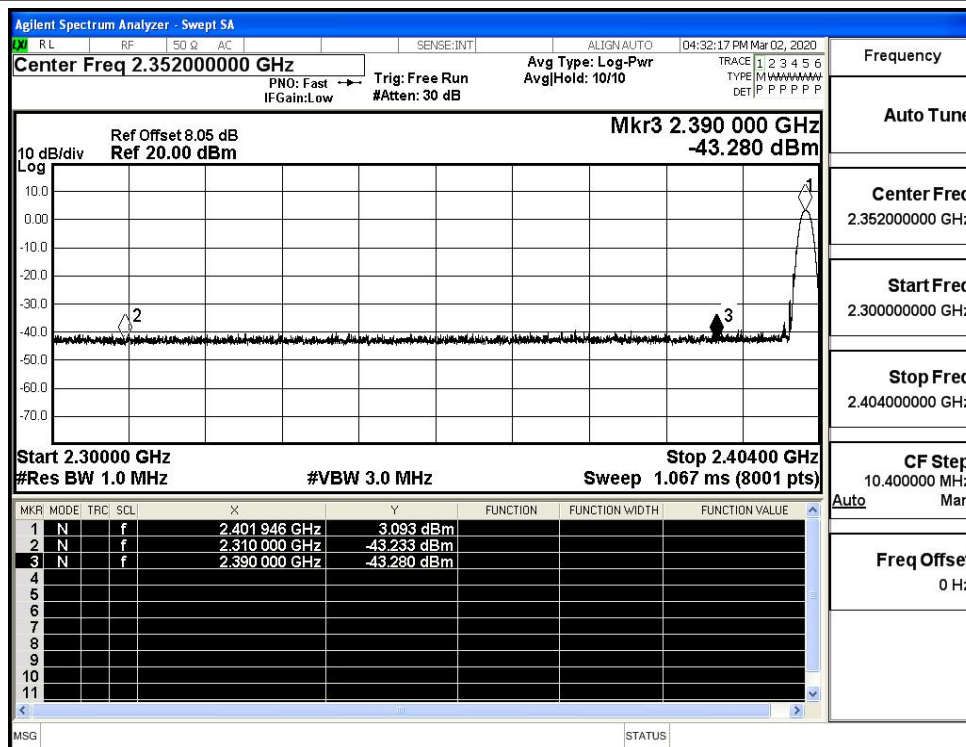
8DPSK/HCH/Hop



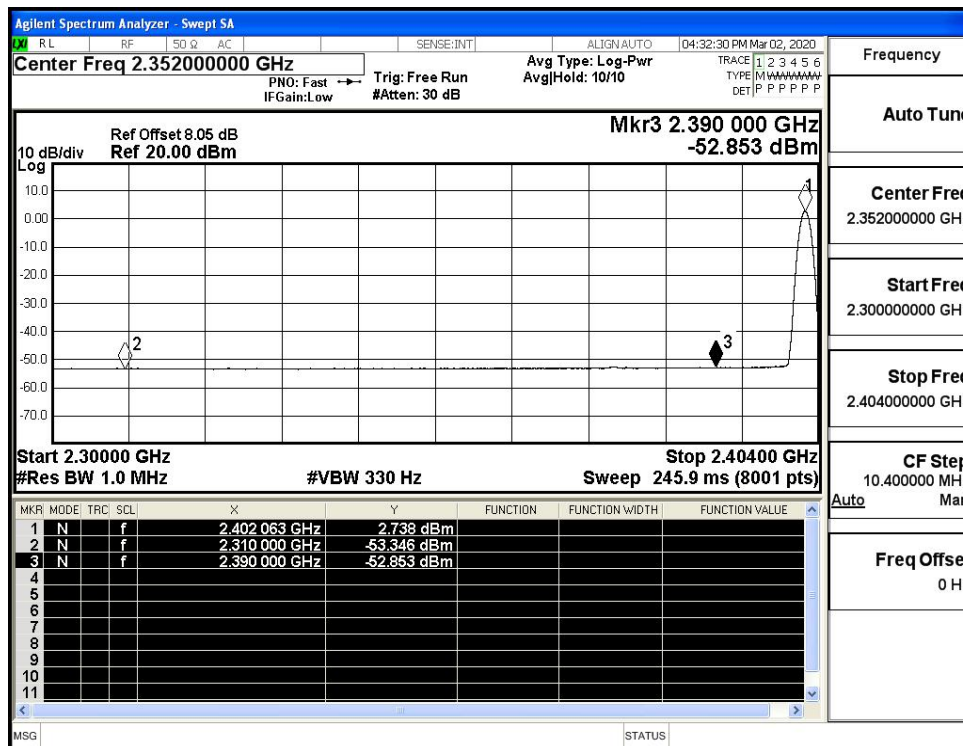
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-43.23	5.22	0	52.52	PEAK	74	PASS
	Off	2310.0	-53.35	5.22	0	42.41	AV	54	PASS
	Off	2390.0	-43.28	5.22	0	52.48	PEAK	74	PASS
	Off	2390.0	-52.85	5.22	0	42.90	AV	54	PASS
	Off	2483.5	-42.85	5.22	0	52.91	PEAK	74	PASS
	Off	2483.5	-52.36	5.22	0	43.40	AV	54	PASS
	Off	2500.0	-41.53	5.22	0	54.23	PEAK	74	PASS
	Off	2500.0	-52.23	5.22	0	43.53	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-43.29	5.22	0	52.46	PEAK	74	PASS
	Off	2310.0	-53.23	5.22	0	42.53	AV	54	PASS
	Off	2390.0	-40.87	5.22	0	54.89	PEAK	74	PASS
	Off	2390.0	-52.86	5.22	0	42.90	AV	54	PASS
	Off	2483.5	-42.60	5.22	0	53.15	PEAK	74	PASS
	Off	2483.5	-52.45	5.22	0	43.31	AV	54	PASS
	Off	2500.0	-43.06	5.22	0	52.69	PEAK	74	PASS
	Off	2500.0	-52.30	5.22	0	43.45	AV	54	PASS
8DPSK	Off	2310.0	-44.27	5.22	0	51.49	PEAK	74	PASS
	Off	2310.0	-53.33	5.22	0	42.43	AV	54	PASS
	Off	2390.0	-43.11	5.22	0	52.65	PEAK	74	PASS
	Off	2390.0	-52.90	5.22	0	42.86	AV	54	PASS
	Off	2483.5	-43.11	5.22	0	52.65	PEAK	74	PASS
	Off	2483.5	-52.43	5.22	0	43.33	AV	54	PASS
	Off	2500.0	-42.22	5.22	0	53.54	PEAK	74	PASS
	Off	2500.0	-52.27	5.22	0	43.49	AV	54	PASS

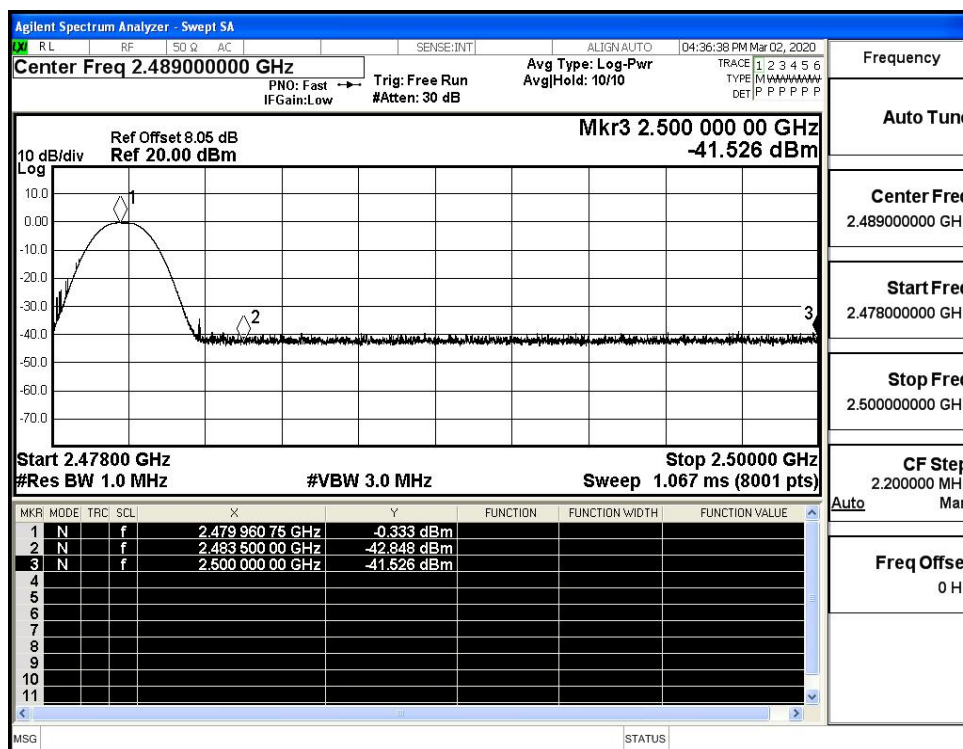
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (Low Channel)



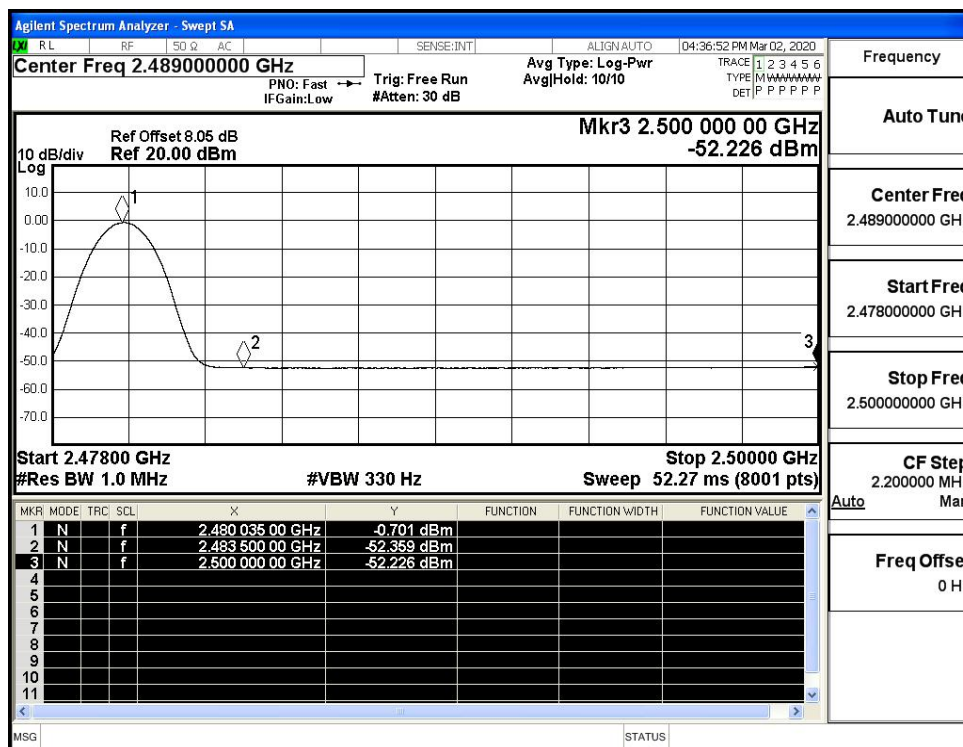
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (Low Channel)

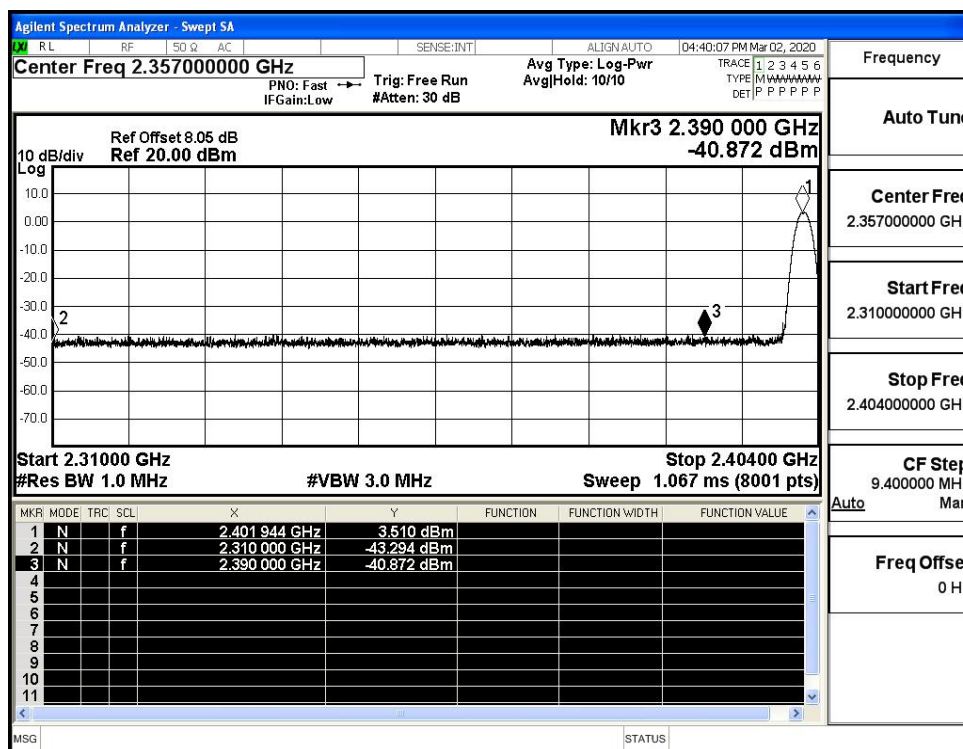
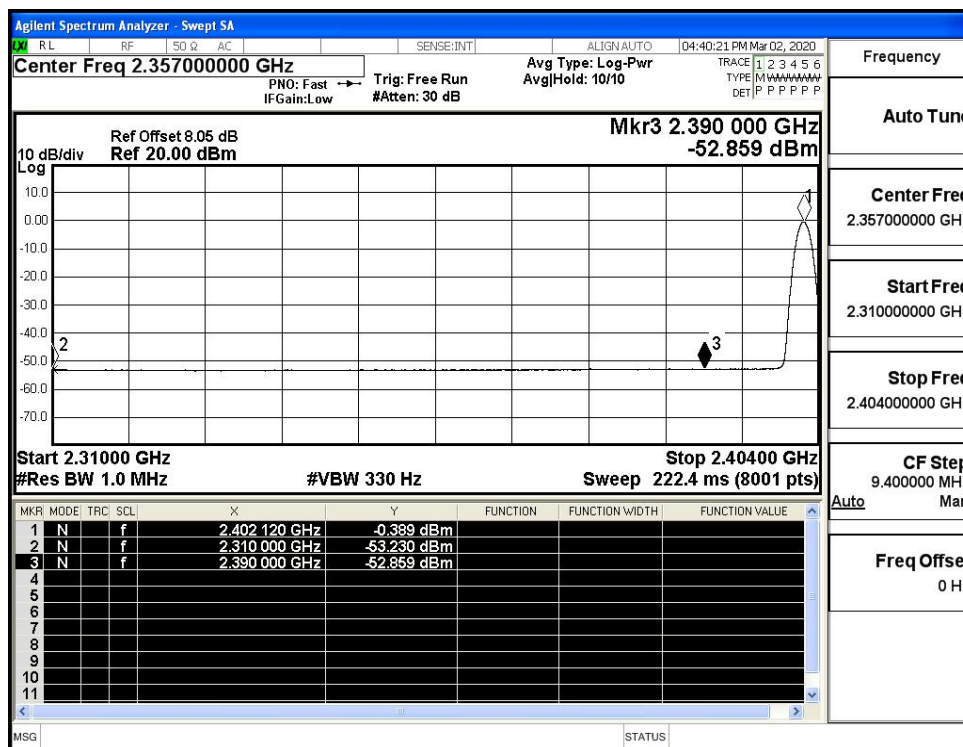


Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)

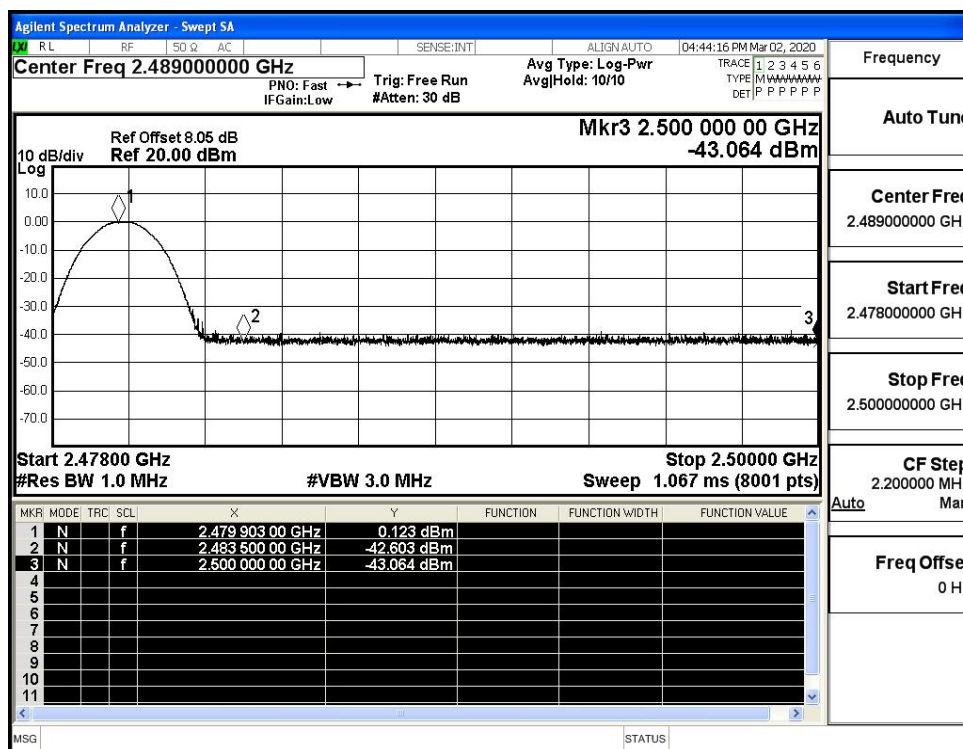


Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)

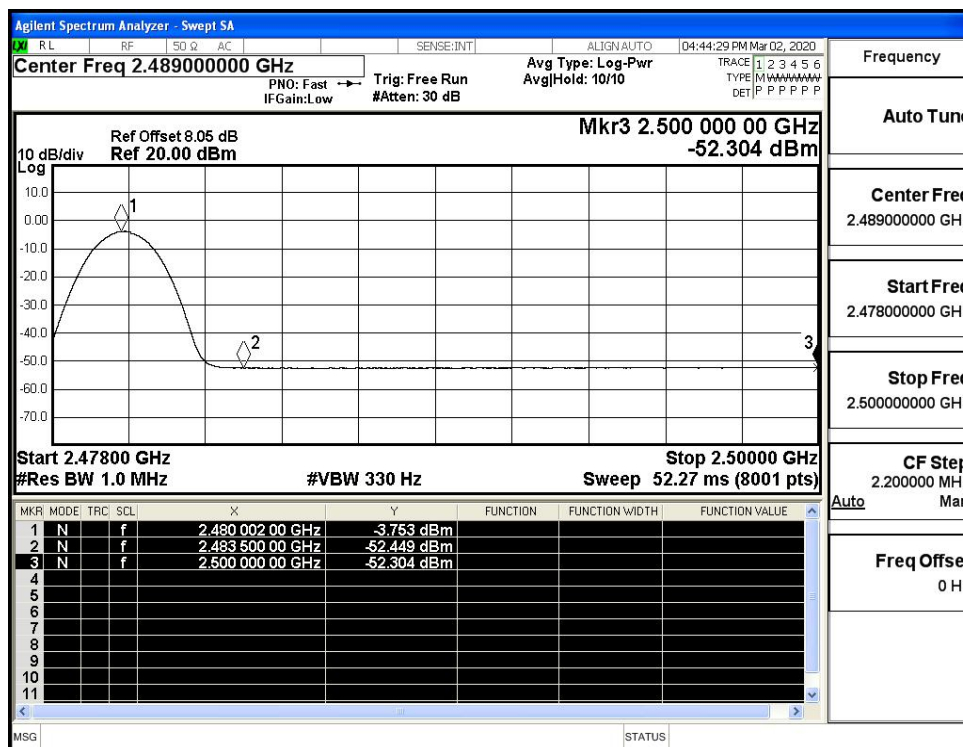


Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_PEAK (Low Channel)Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_Average (Low Channel)

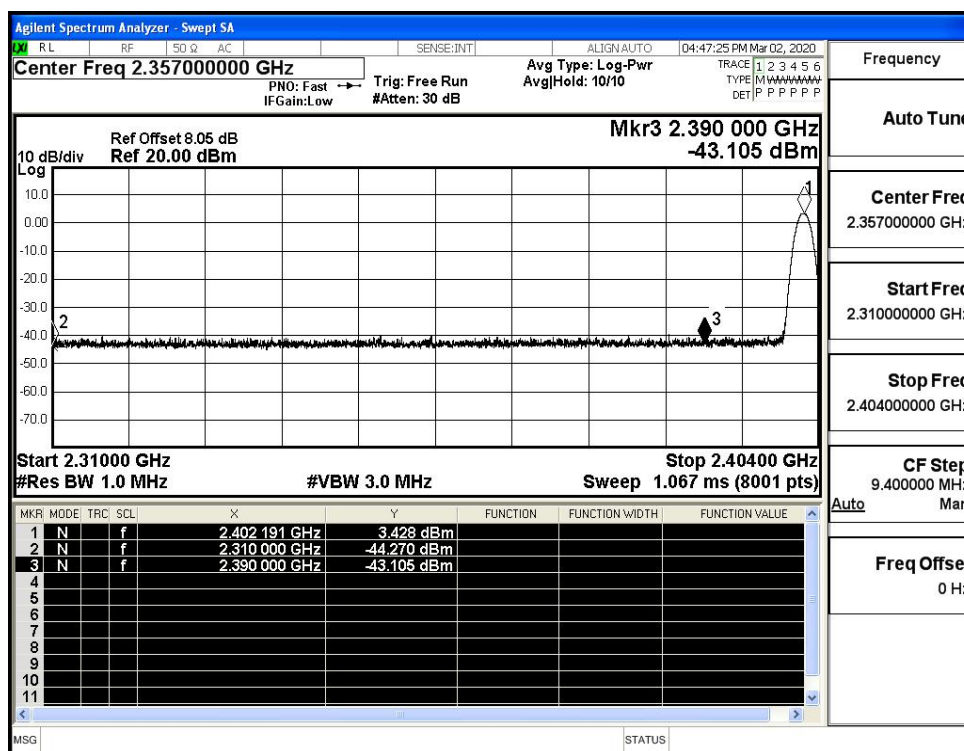
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



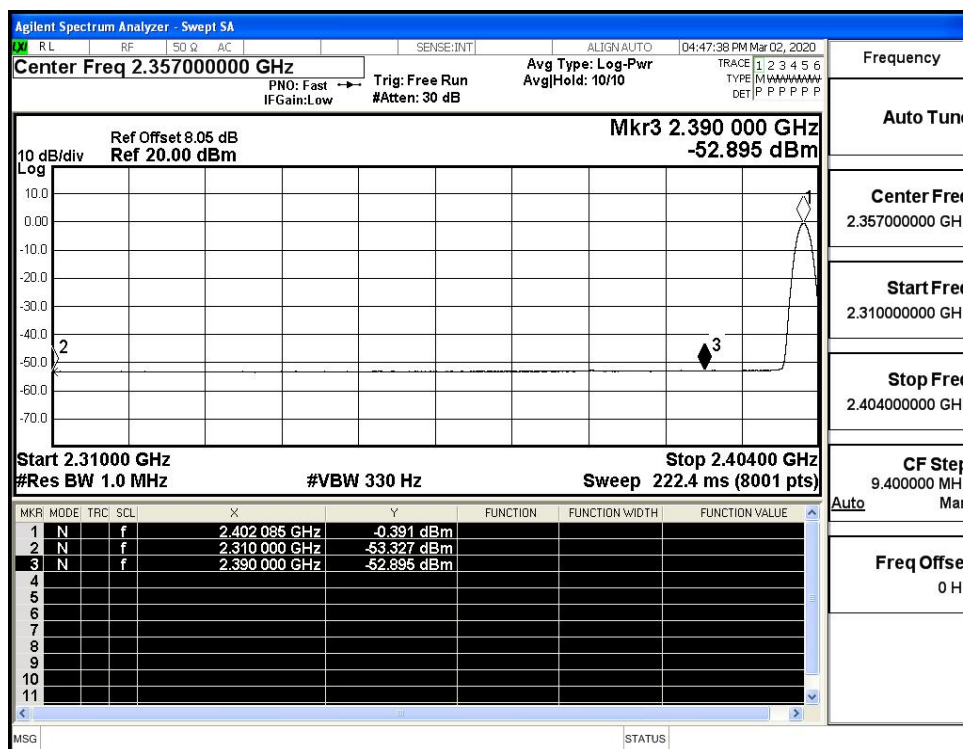
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



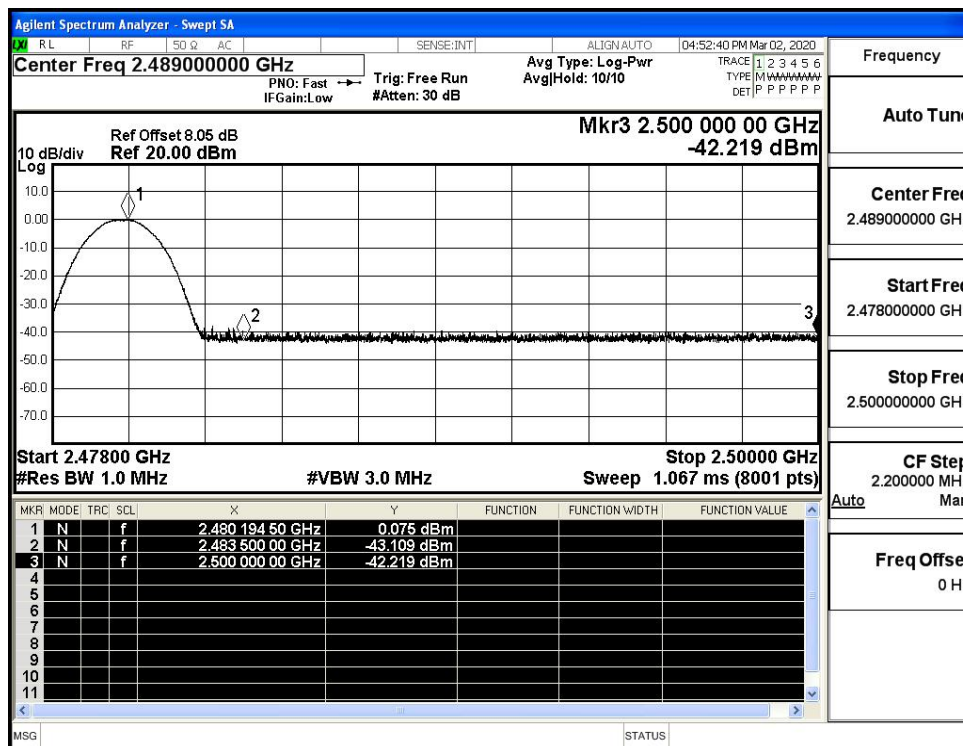
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

