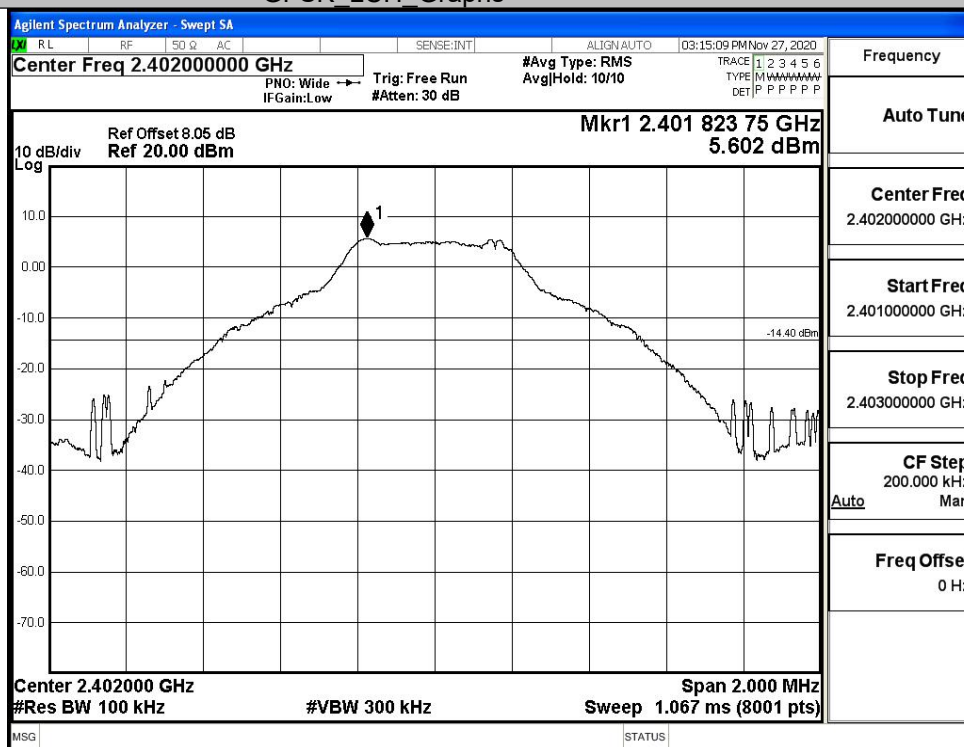


A.6 RF Conducted Spurious Emissions

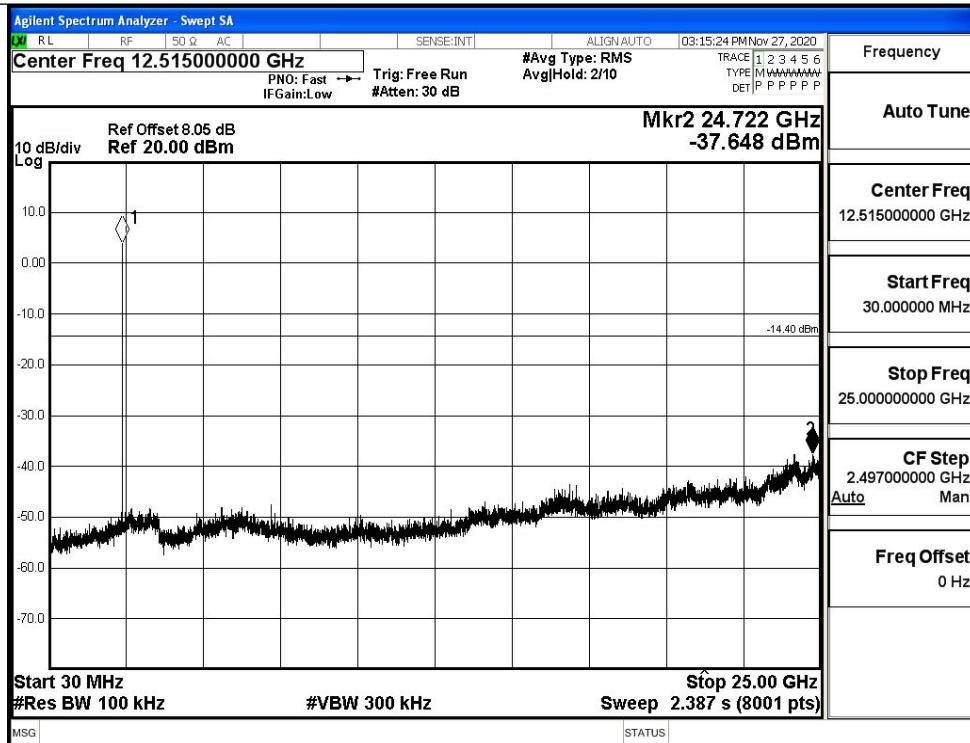
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	5.602	-37.648	-14.398	PASS
	MCH	2.979	-36.341	-17.021	PASS
	HCH	2.121	-37.901	-17.879	PASS
$\pi/4$ DQPSK	LCH	4.388	-37.699	-15.612	PASS
	MCH	0.873	-38.313	-19.127	PASS
	HCH	-0.113	-37.860	-20.113	PASS
8DPSK	LCH	4.659	-38.199	-15.341	PASS
	MCH	1.317	-37.568	-18.683	PASS
	HCH	0.545	-37.700	-19.455	PASS

GFSK LCH Graphs

Pref

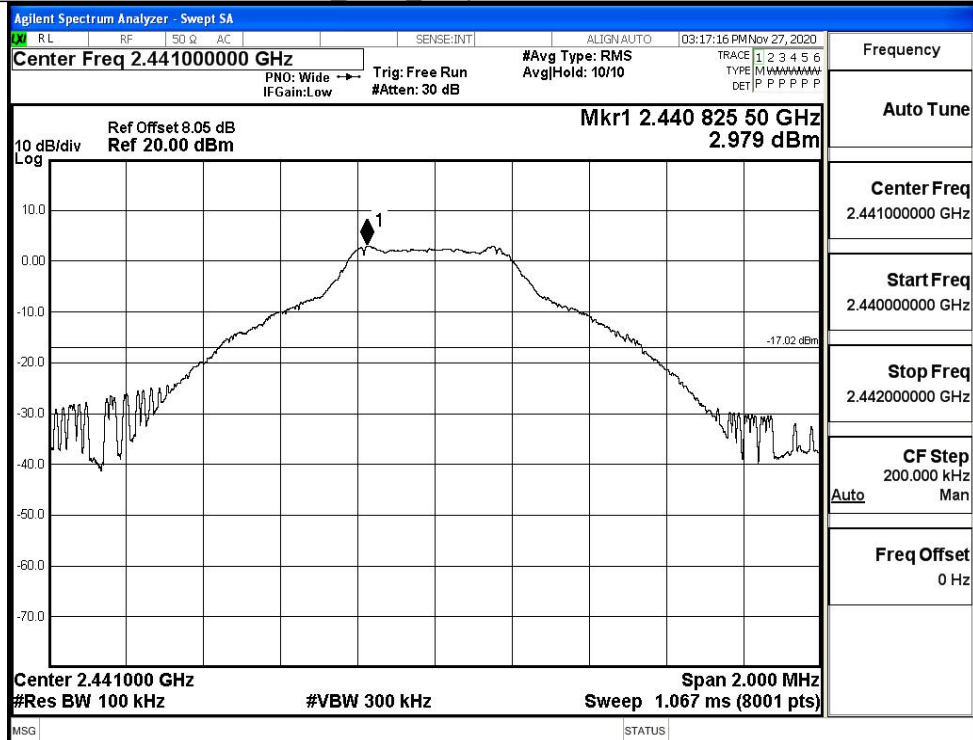


Puw

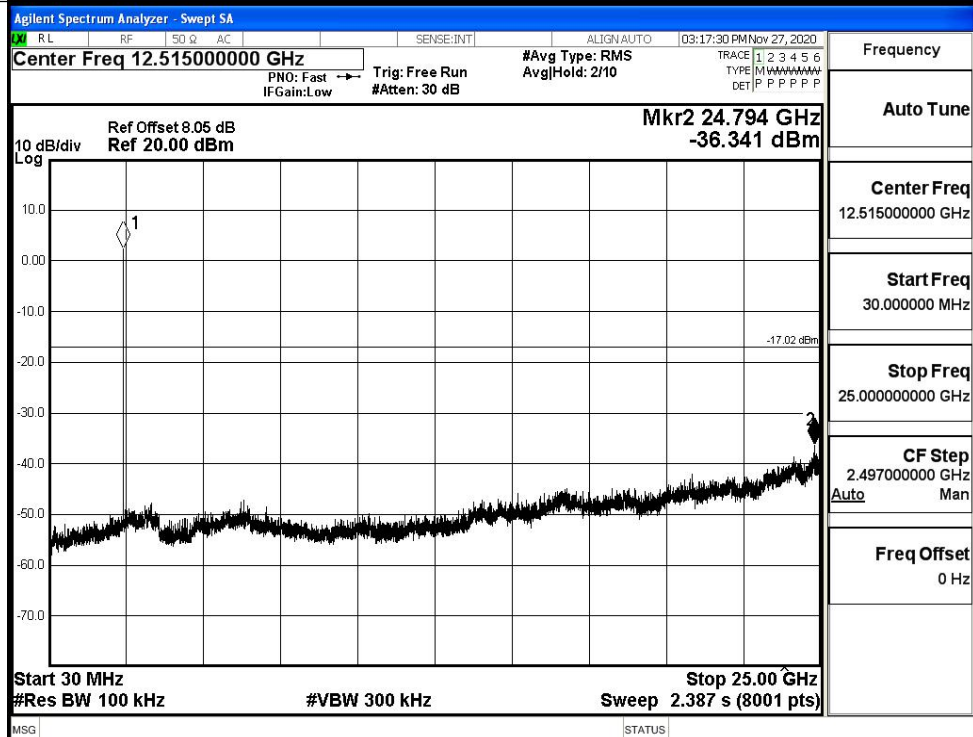


GFSK_MCH_Graphs

Pref

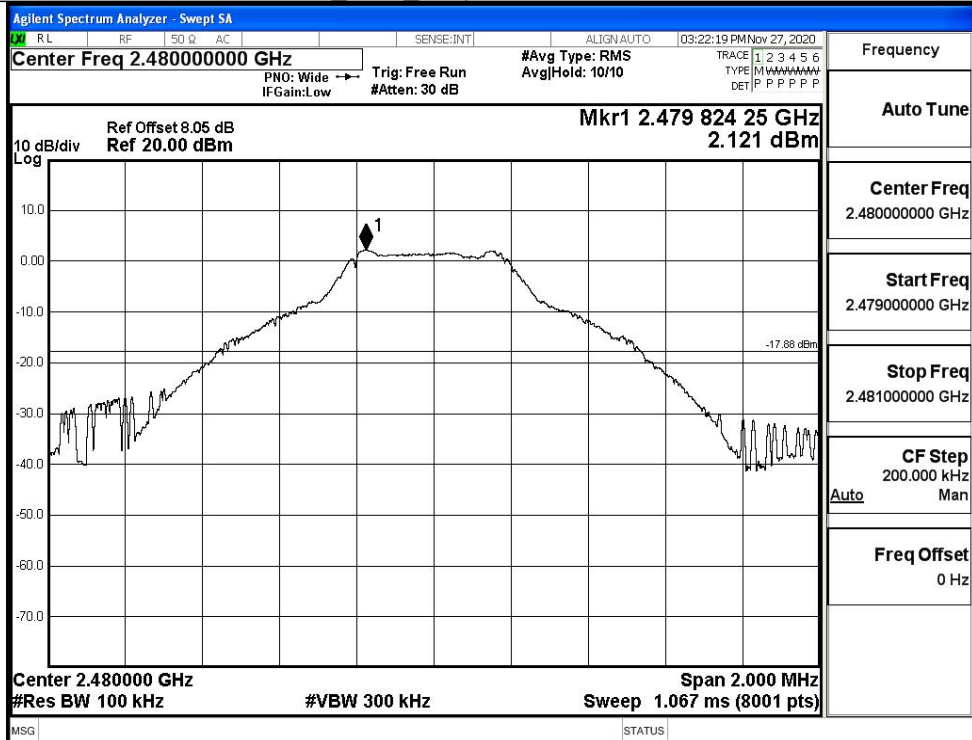


Puw

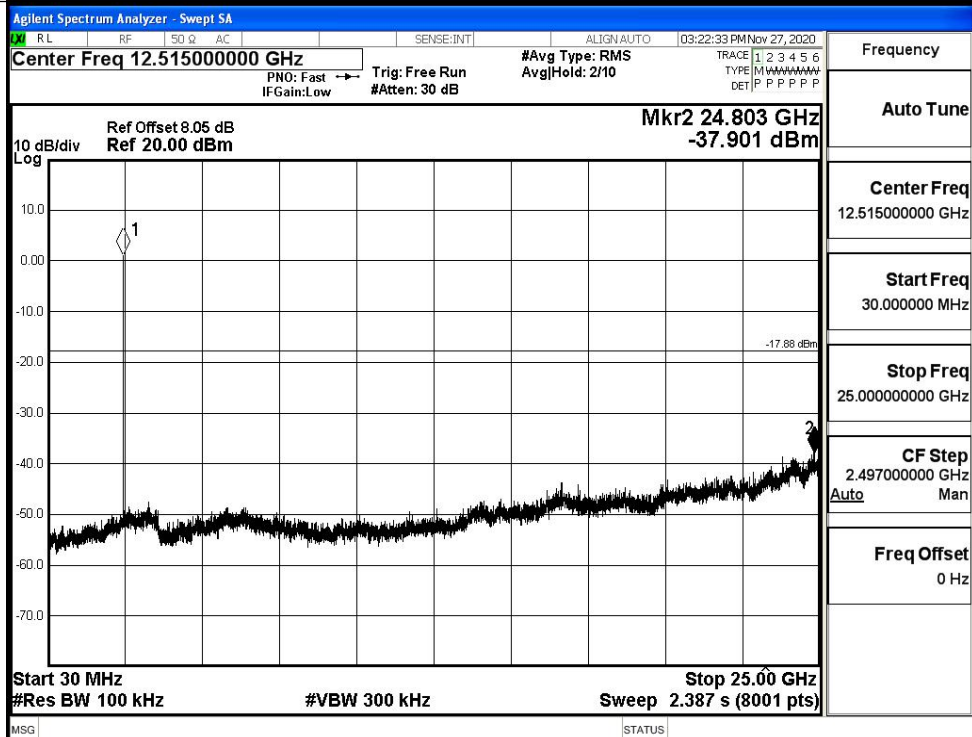


GFSK HCH_Graphs

Pref

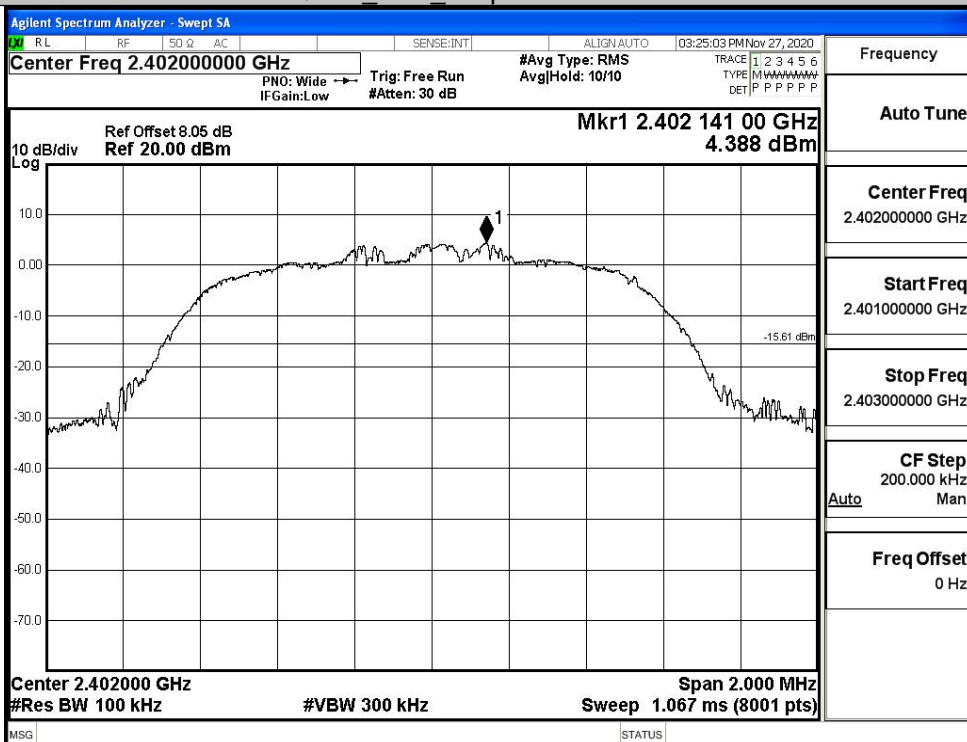


Puw

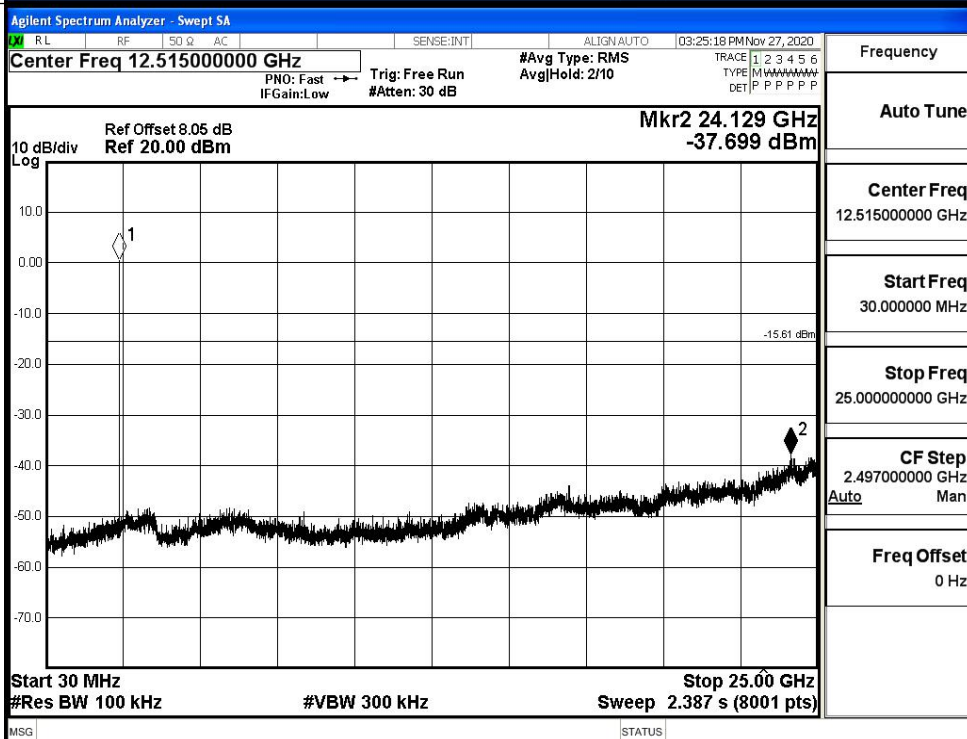


π /4DQPSK LCH_Graphs

Pref

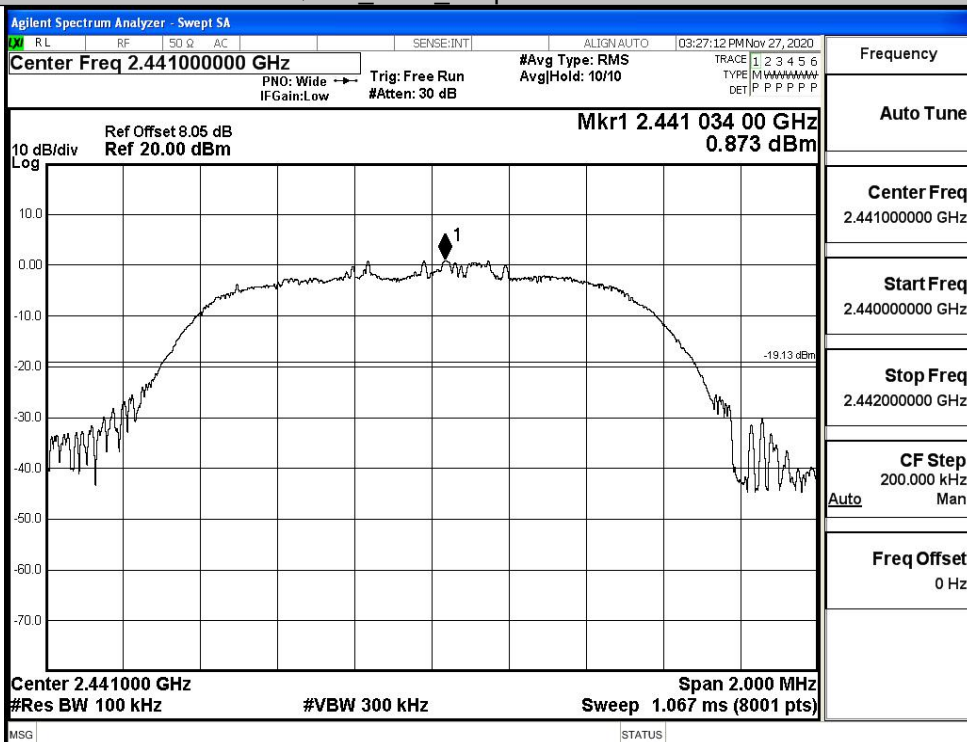


Puw

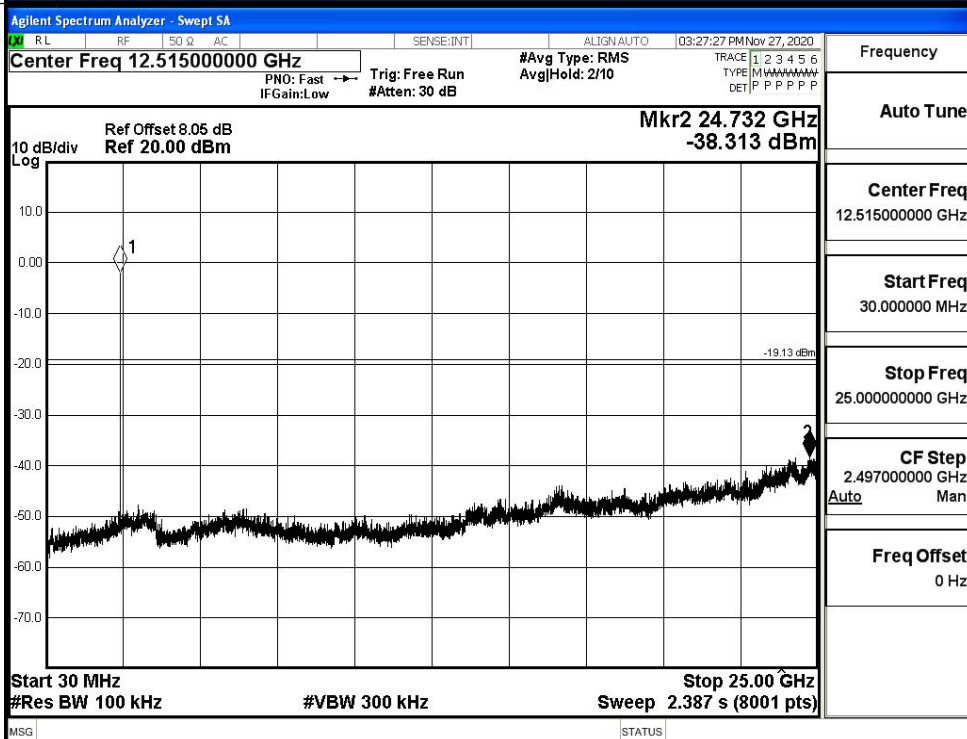


π /4DQPSK_MCH_Graphs

Pref

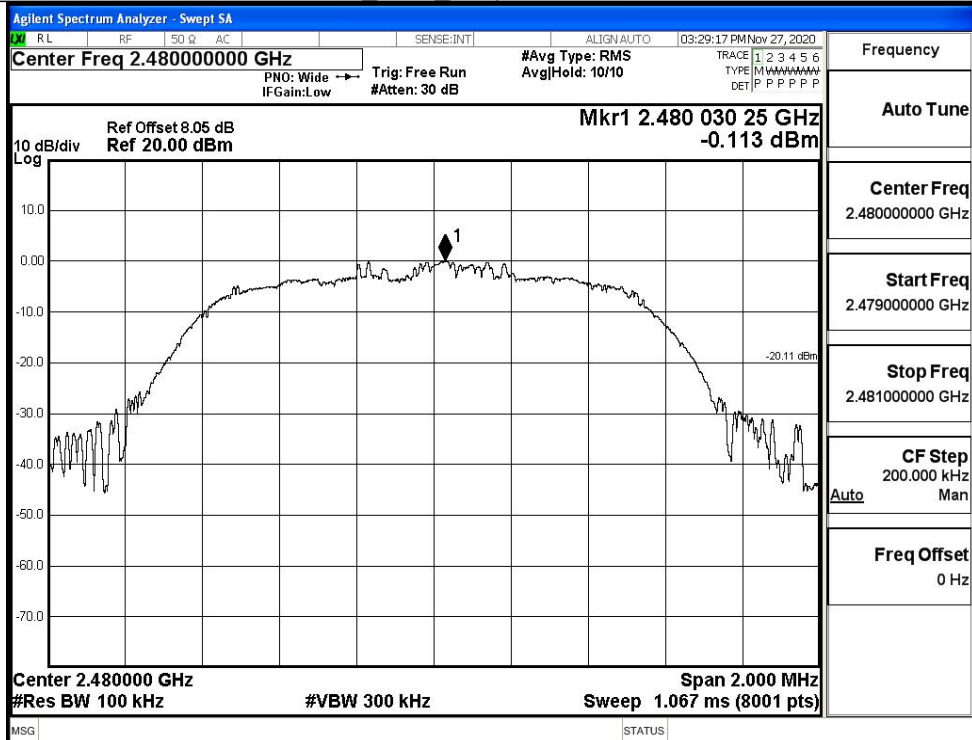


Puw

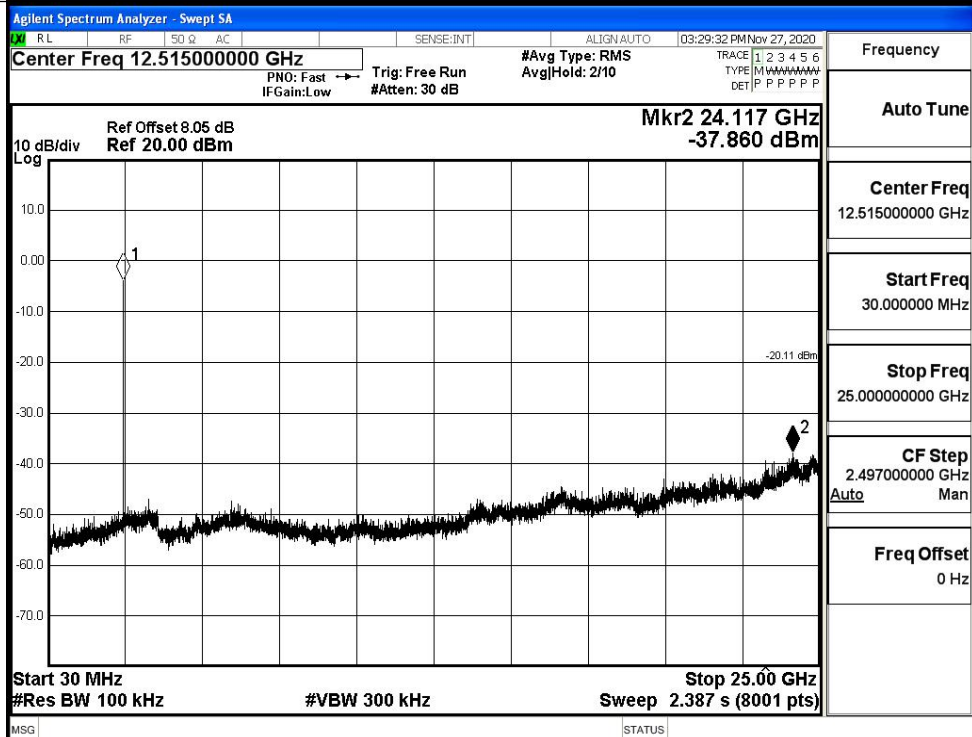


π /4DQPSK HCH_Graphs

Pref

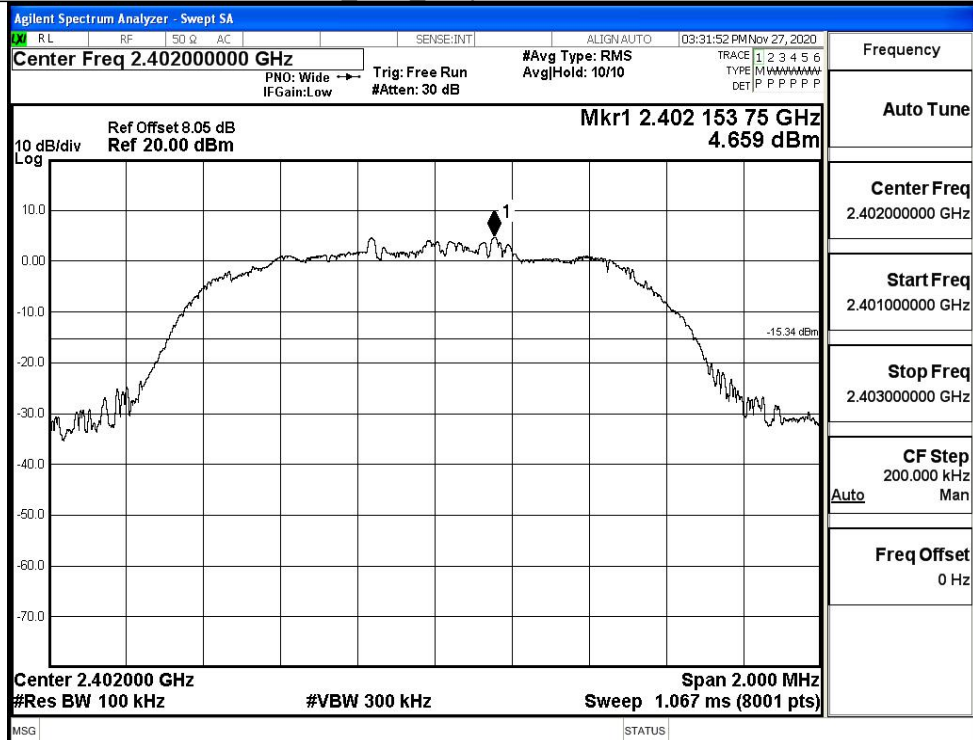


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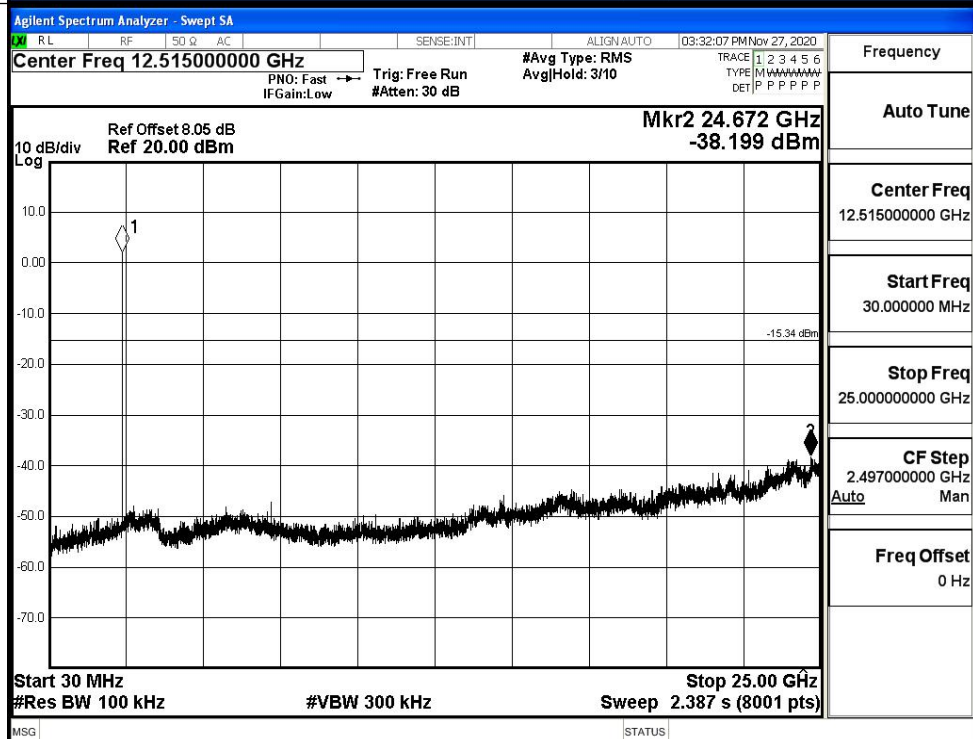


8DPSK_LCH_Graphs

Pref

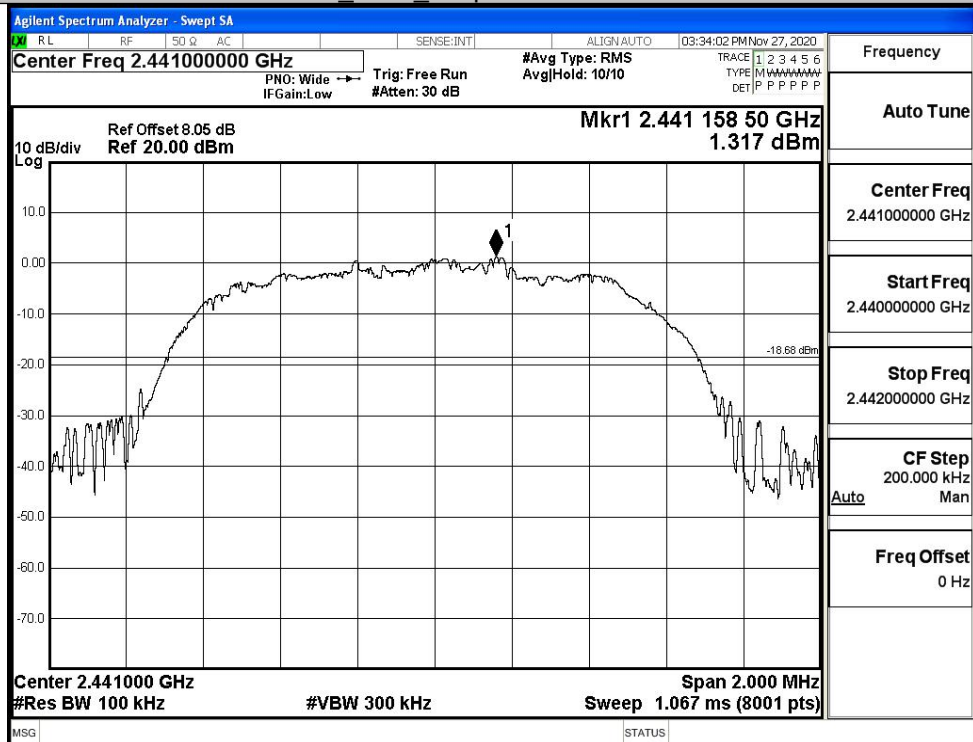


Puw

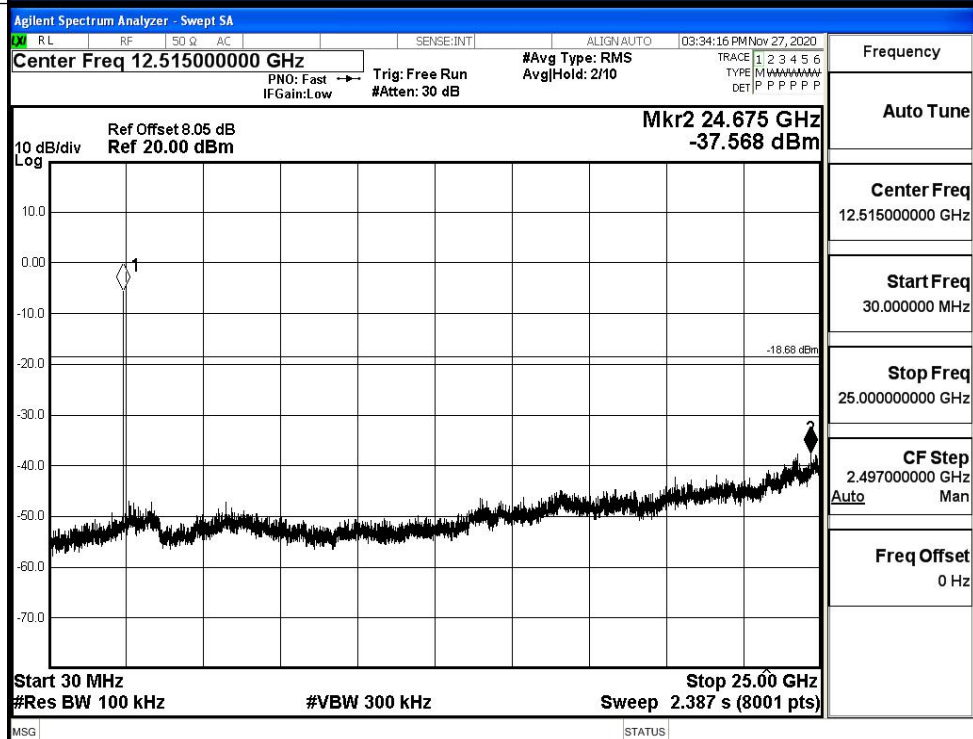


8DPSK_MCH_Graphs

Pref

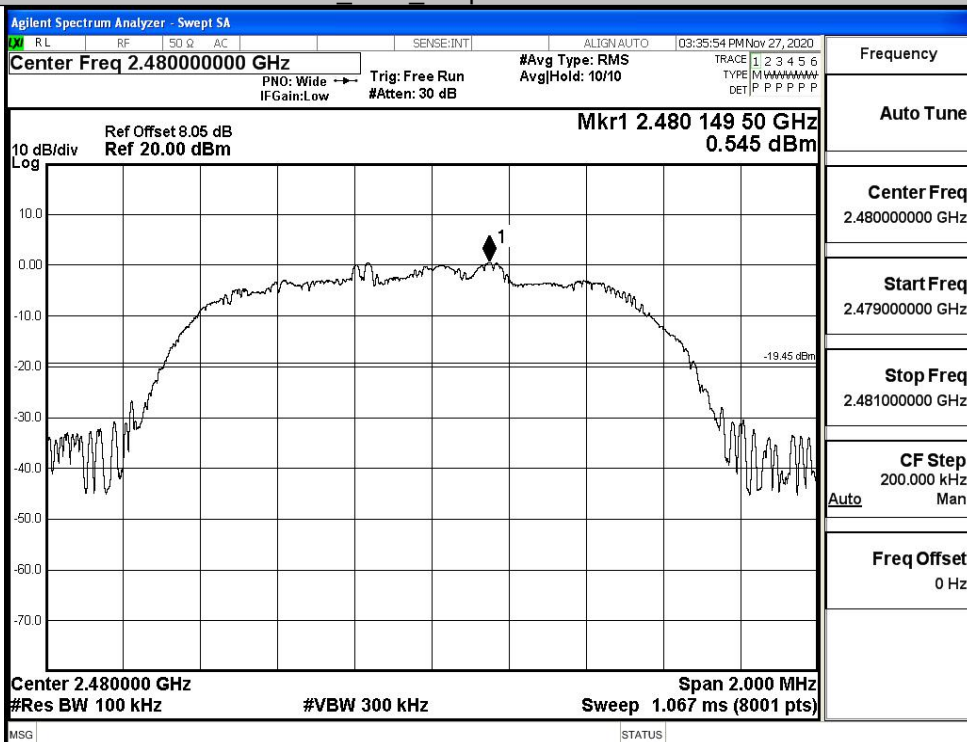


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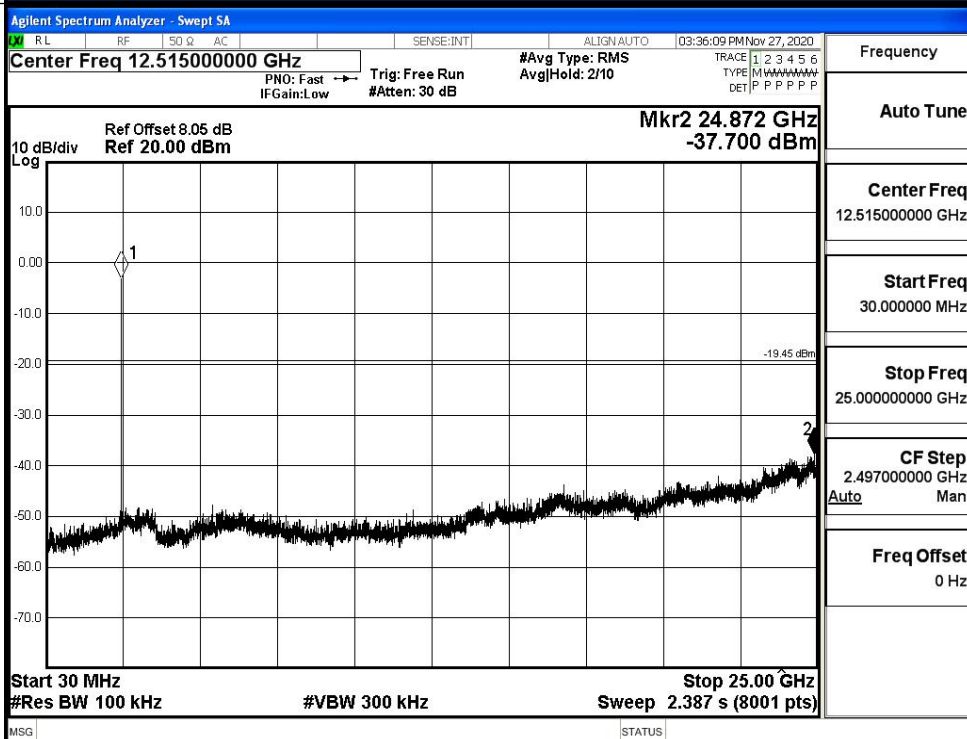


8DPSK_HCH_Graphs

Pref



Puw

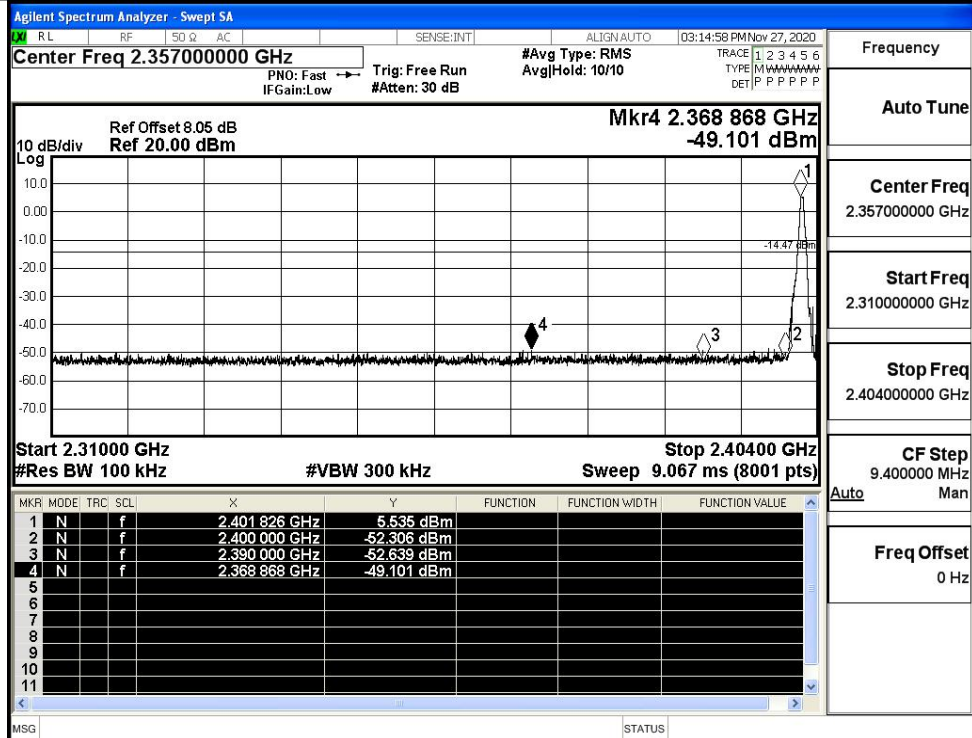


A.7 Band-edge for RF Conducted Emissions

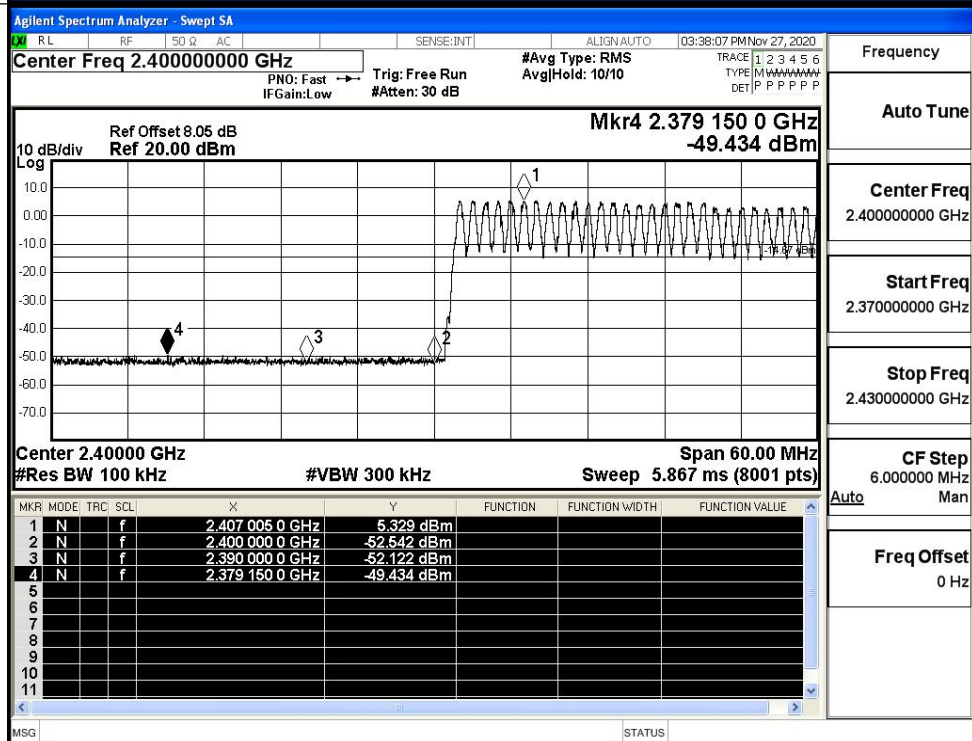
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	5.535	Off	-49.101	-14.47	PASS
			5.329	On	-49.434	-14.67	PASS
	HCH	2480	2.111	Off	-49.140	-17.89	PASS
			2.478	On	-48.958	-17.52	PASS
$\pi/4$ DQPSK	LCH	2402	4.563	Off	-49.576	-15.44	PASS
			4.314	On	-48.924	-15.69	PASS
	HCH	2480	0.195	Off	-49.107	-19.81	PASS
			0.849	On	-48.631	-19.15	PASS
8DPSK	LCH	2402	4.746	Off	-49.577	-15.25	PASS
			4.629	On	-49.086	-15.37	PASS
	HCH	2480	0.582	Off	-49.140	-19.42	PASS
			0.881	On	-48.455	-19.12	PASS

Test Graphs

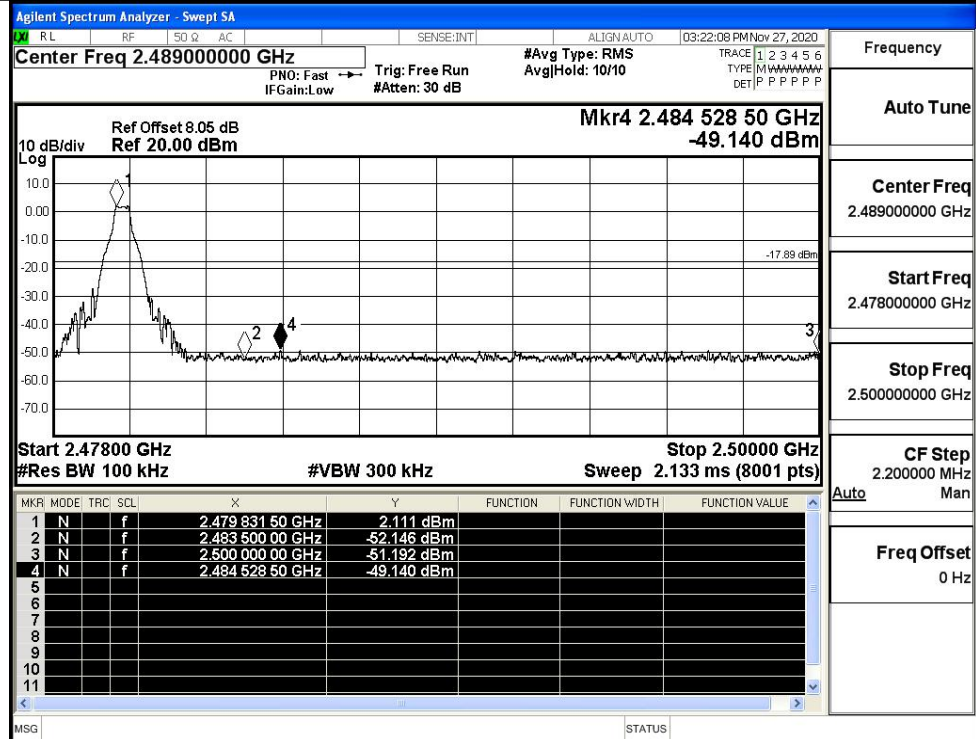
GFSK/LCH/No Hop



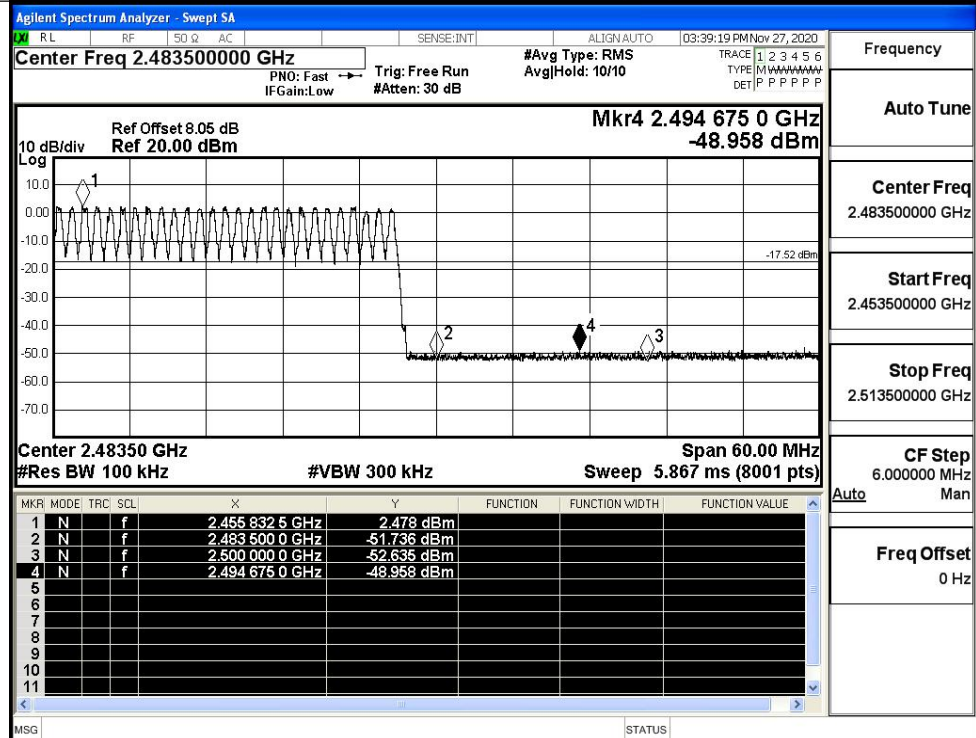
GFSK/LCH/Hop



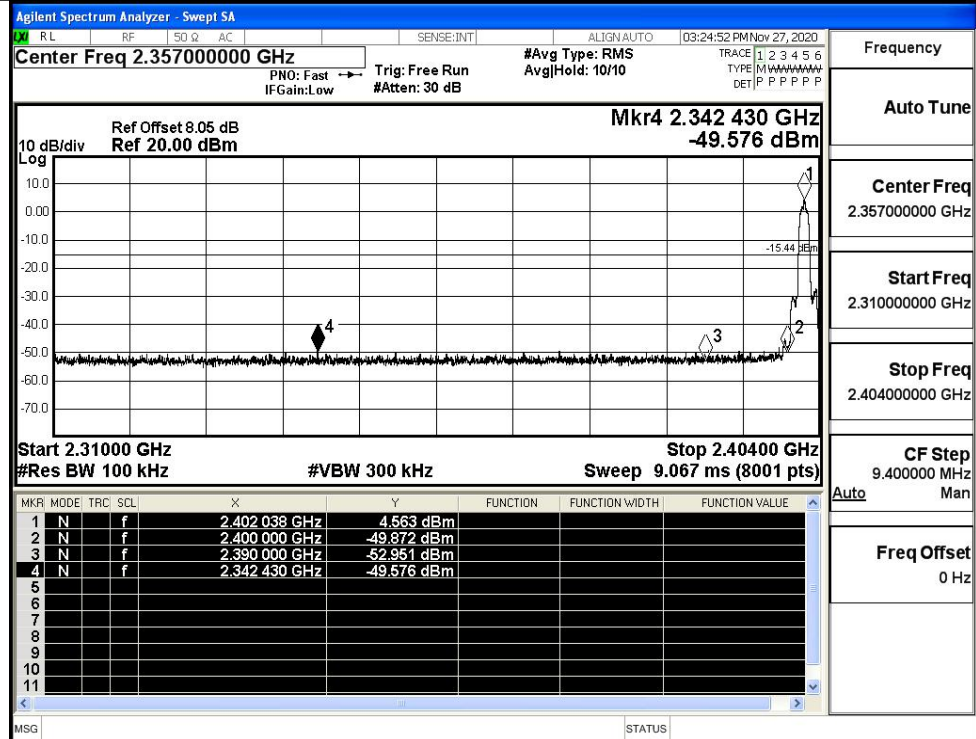
GFSK/HCH/No Hop



GFSK/HCH/Hop



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



Frequency

Auto Tune

Center Freq
2.357000000 GHz

Start Freq
2.310000000 GHz

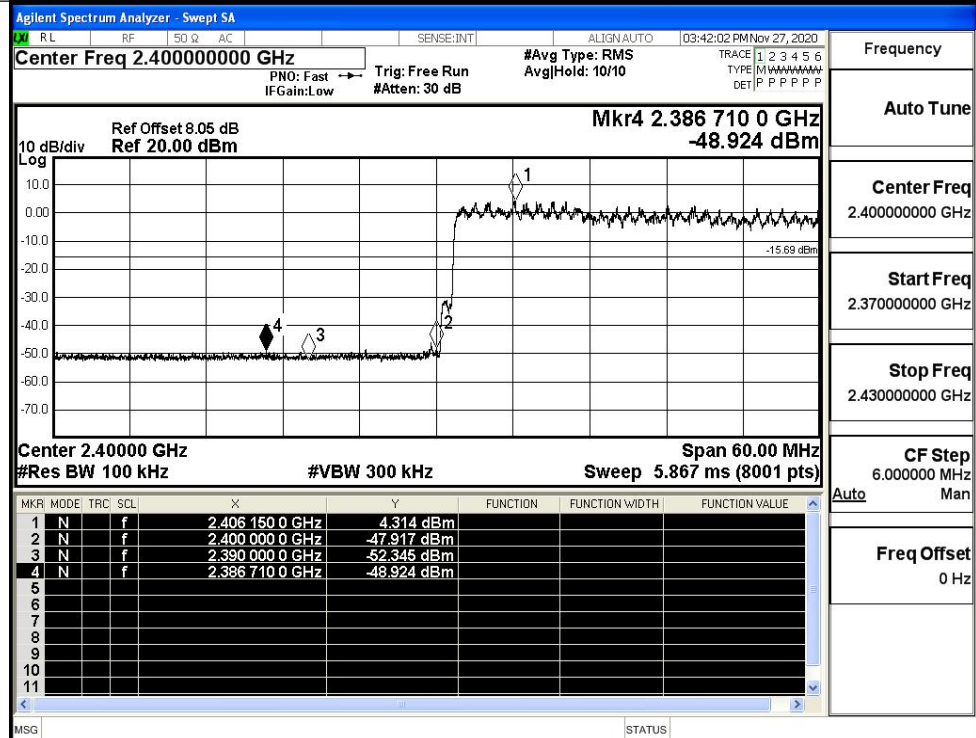
Stop Freq
2.404000000 GHz

CF Step
9.400000 MHz

Auto Man

Freq Offset
0 Hz

$\pi/4$ DQPSK/LCH/Hop



Frequency

Auto Tune

Center Freq
2.400000000 GHz

Start Freq
2.370000000 GHz

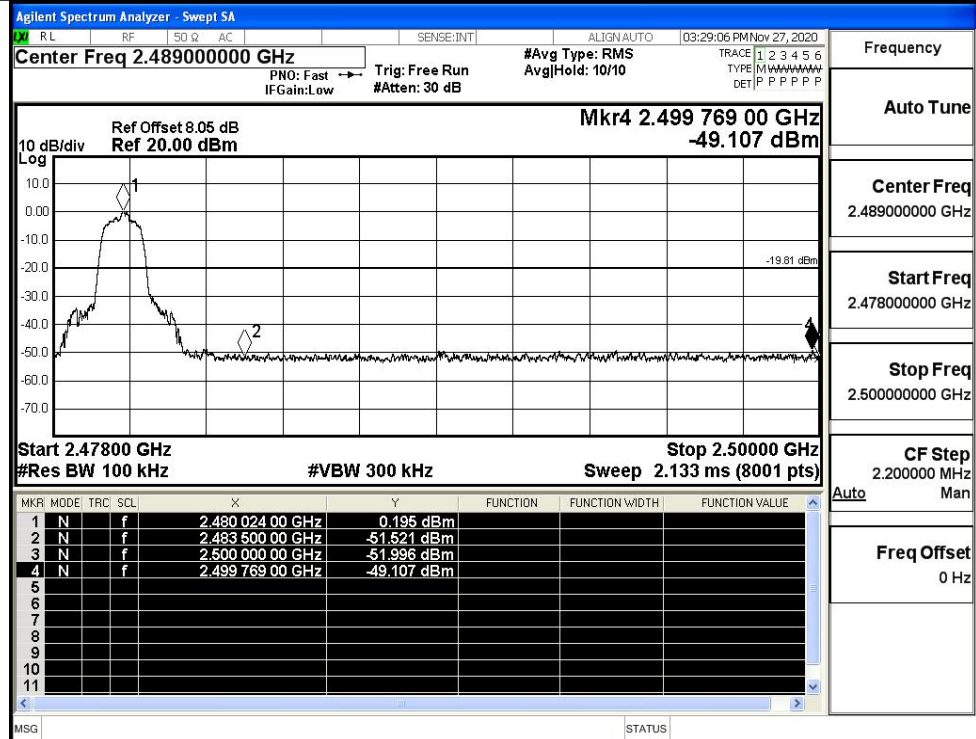
Stop Freq
2.430000000 GHz

CF Step
6.000000 MHz

Auto Man

Freq Offset
0 Hz

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

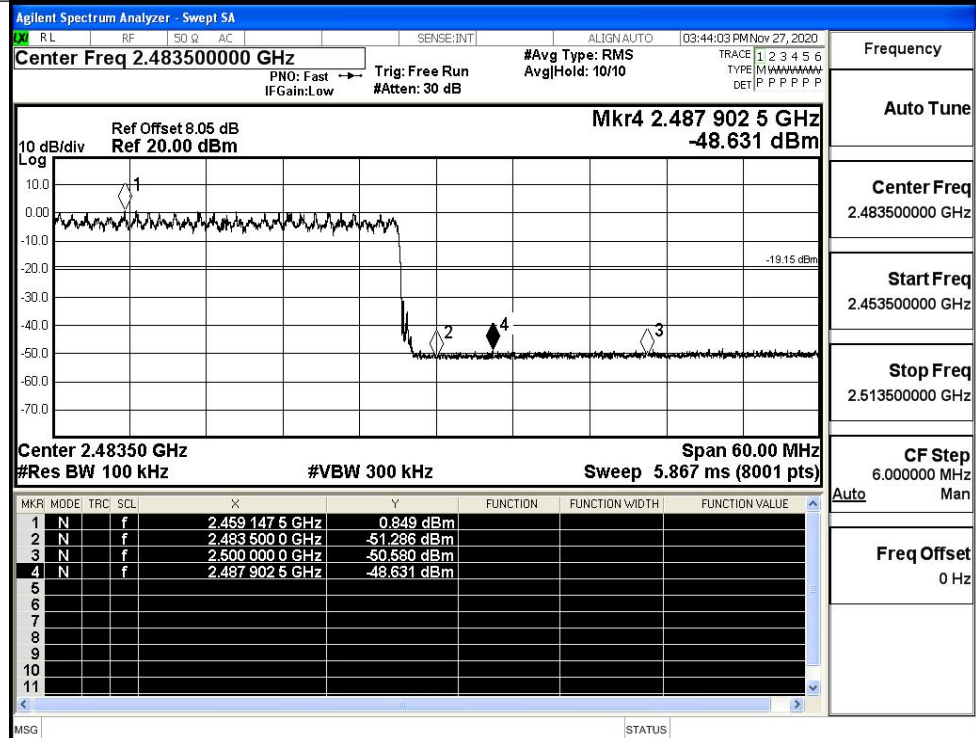


Frequency

Auto Tune

Center Freq
2.489000000 GHzStart Freq
2.478000000 GHzStop Freq
2.500000000 GHzCF Step
2.200000 MHz
Auto ManFreq Offset
0 Hz

$\pi/4$ DQPSK/HCH/Hop

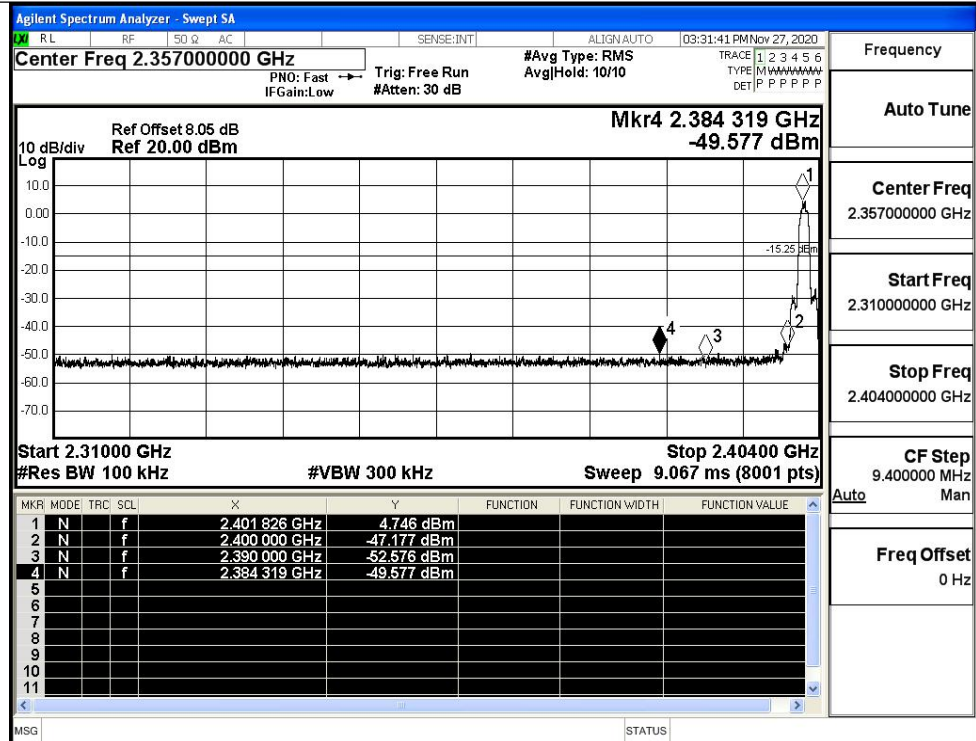


Frequency

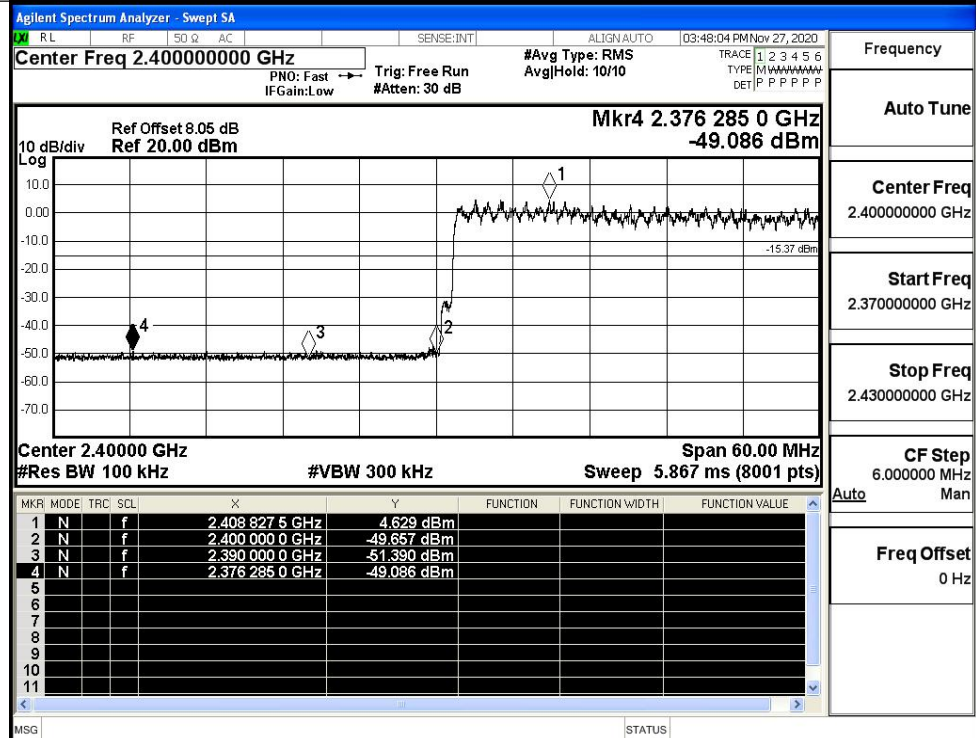
Auto Tune

Center Freq
2.483500000 GHzStart Freq
2.453500000 GHzStop Freq
2.513500000 GHzCF Step
6.000000 MHz
Auto ManFreq Offset
0 Hz

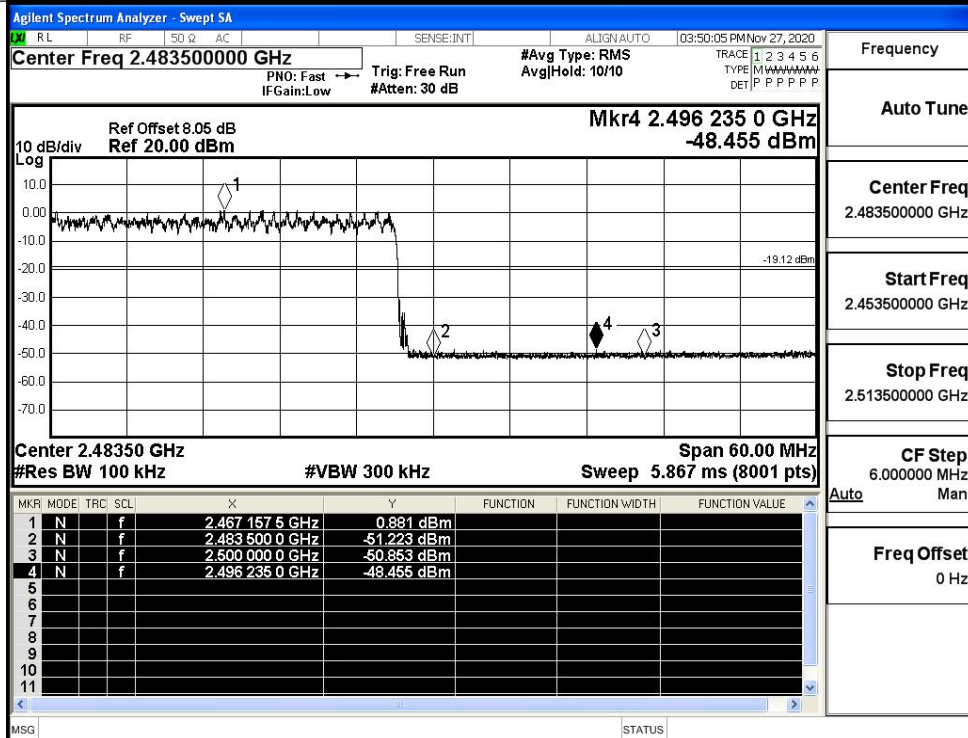
8DPSK/LCH/No Hop



8DPSK/LCH/Hop



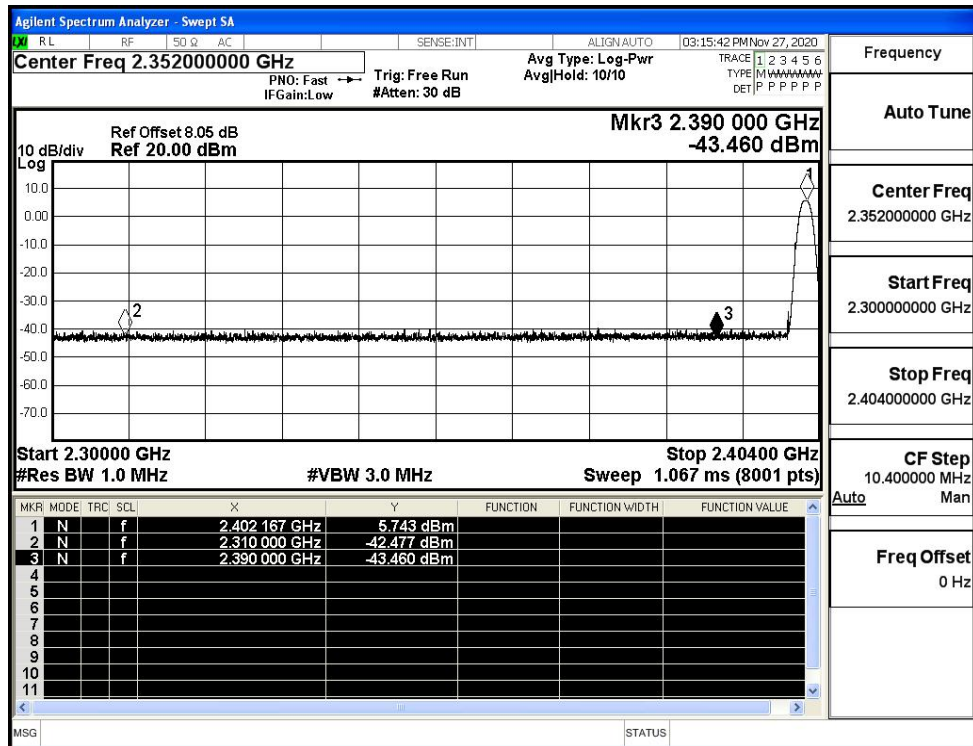
8DPSK/HCH/Hop



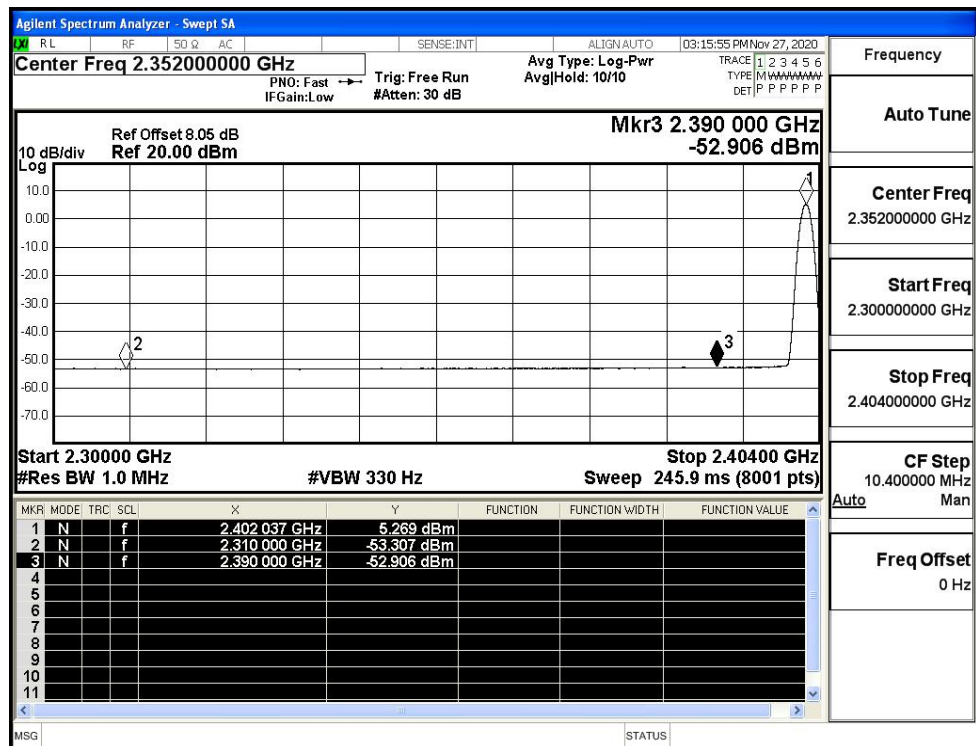
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-42.48	2.0	0	52.78	PEAK	74	PASS
	Off	2310.0	-53.31	2.0	0	41.95	AV	54	PASS
	Off	2390.0	-43.46	2.0	0	51.80	PEAK	74	PASS
	Off	2390.0	-52.91	2.0	0	42.35	AV	54	PASS
	Off	2483.5	-41.91	2.0	0	53.35	PEAK	74	PASS
	Off	2483.5	-52.34	2.0	0	42.92	AV	54	PASS
	Off	2500.0	-41.66	2.0	0	53.60	PEAK	74	PASS
	Off	2500.0	-52.31	2.0	0	42.95	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-42.78	2.0	0	52.48	PEAK	74	PASS
	Off	2310.0	-53.32	2.0	0	41.94	AV	54	PASS
	Off	2390.0	-42.85	2.0	0	52.41	PEAK	74	PASS
	Off	2390.0	-52.82	2.0	0	42.43	AV	54	PASS
	Off	2483.5	-42.22	2.0	0	53.04	PEAK	74	PASS
	Off	2483.5	-52.44	2.0	0	42.82	AV	54	PASS
	Off	2500.0	-42.99	2.0	0	52.26	PEAK	74	PASS
	Off	2500.0	-52.20	2.0	0	43.05	AV	54	PASS
8DPSK	Off	2310.0	-42.86	2.0	0	52.40	PEAK	74	PASS
	Off	2310.0	-53.25	2.0	0	42.00	AV	54	PASS
	Off	2390.0	-42.19	2.0	0	53.07	PEAK	74	PASS
	Off	2390.0	-52.85	2.0	0	42.41	AV	54	PASS
	Off	2483.5	-43.01	2.0	0	52.25	PEAK	74	PASS
	Off	2483.5	-52.31	2.0	0	42.95	AV	54	PASS
	Off	2500.0	-42.57	2.0	0	52.68	PEAK	74	PASS
	Off	2500.0	-52.29	2.0	0	42.97	AV	54	PASS

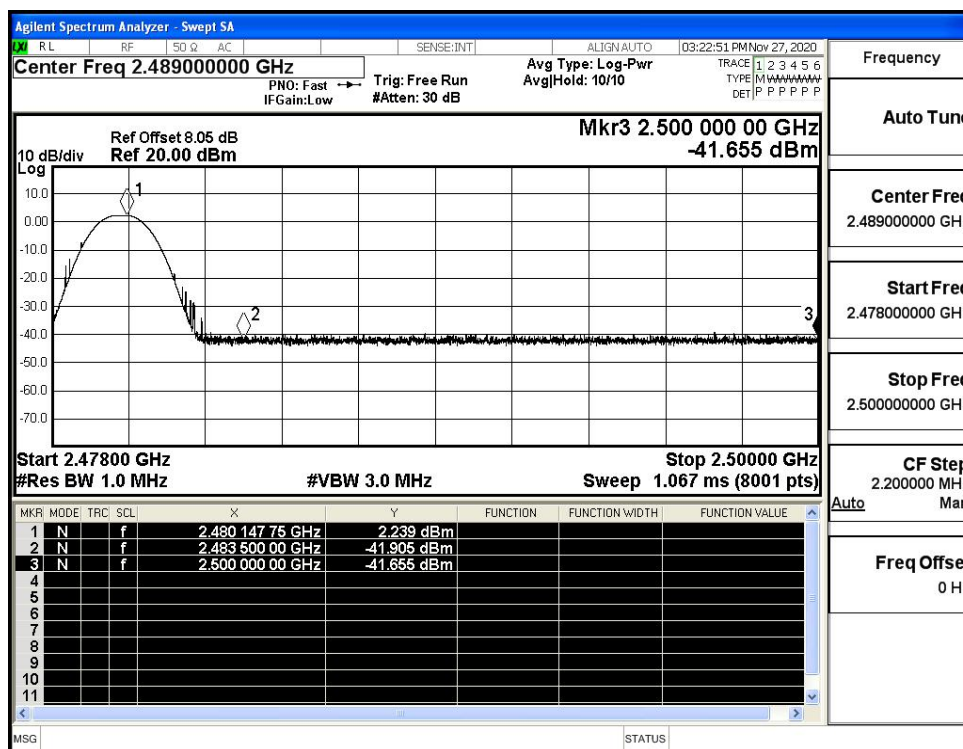
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (Low Channel)



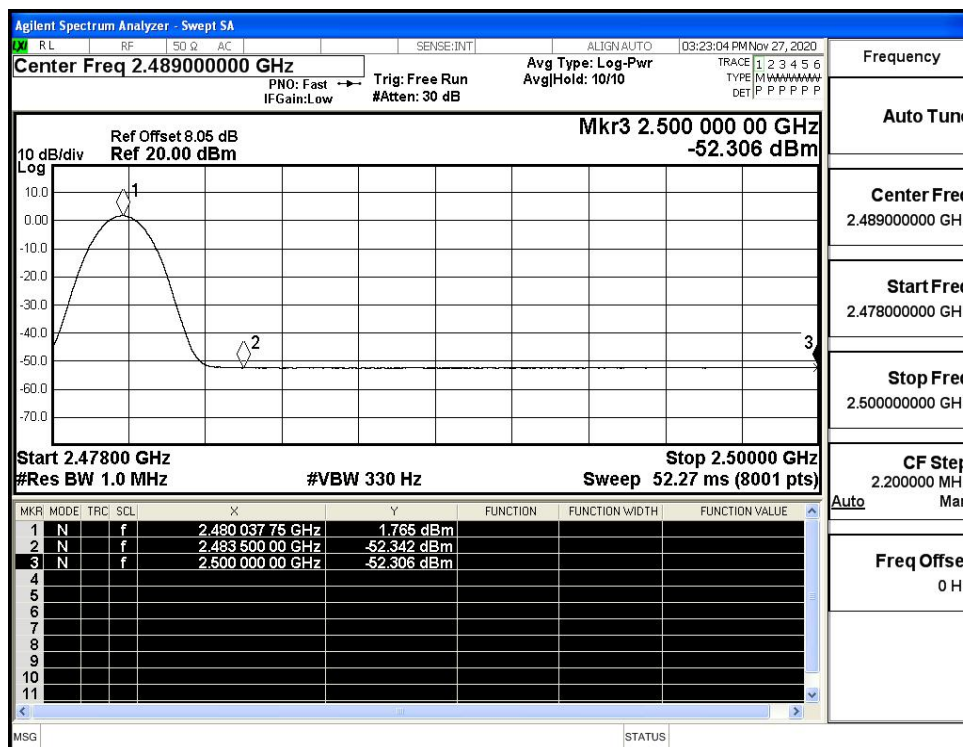
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (Low Channel)

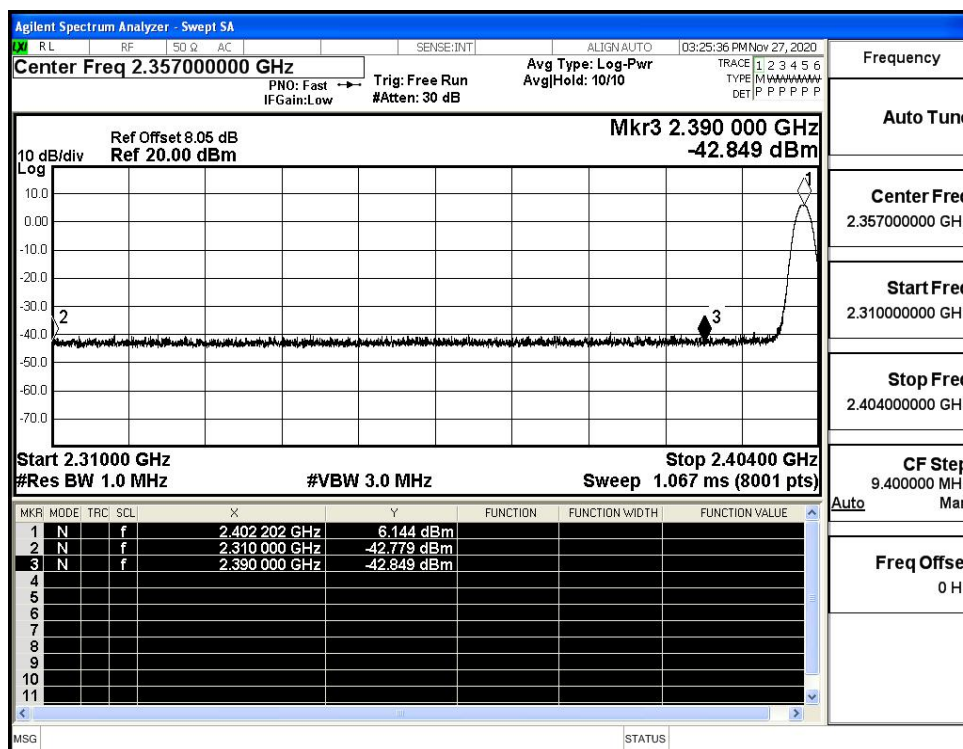
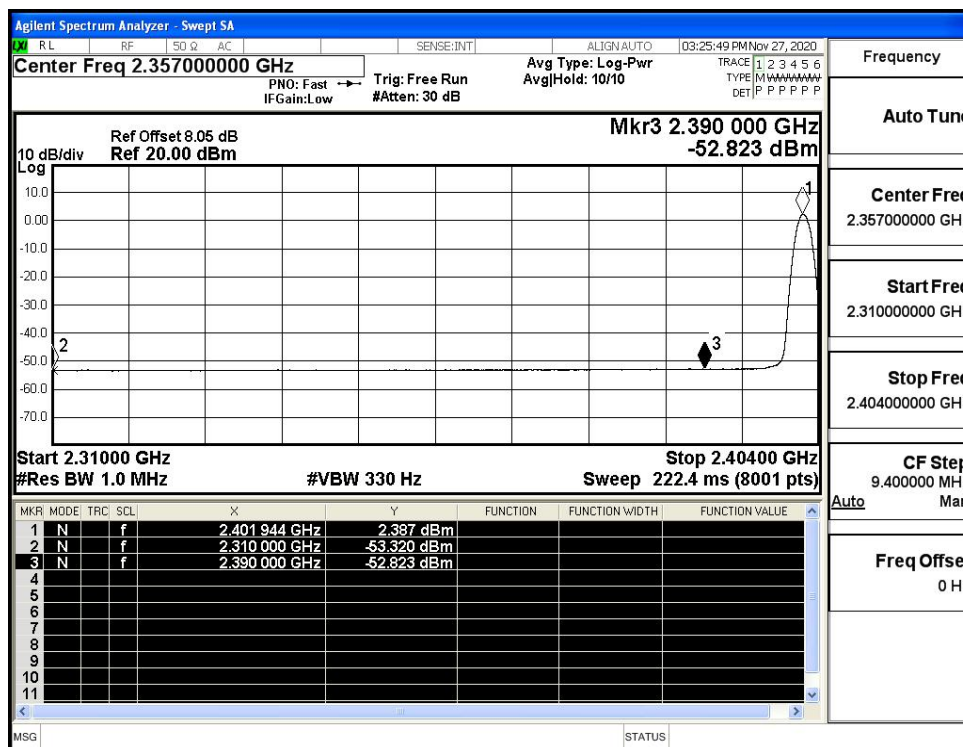


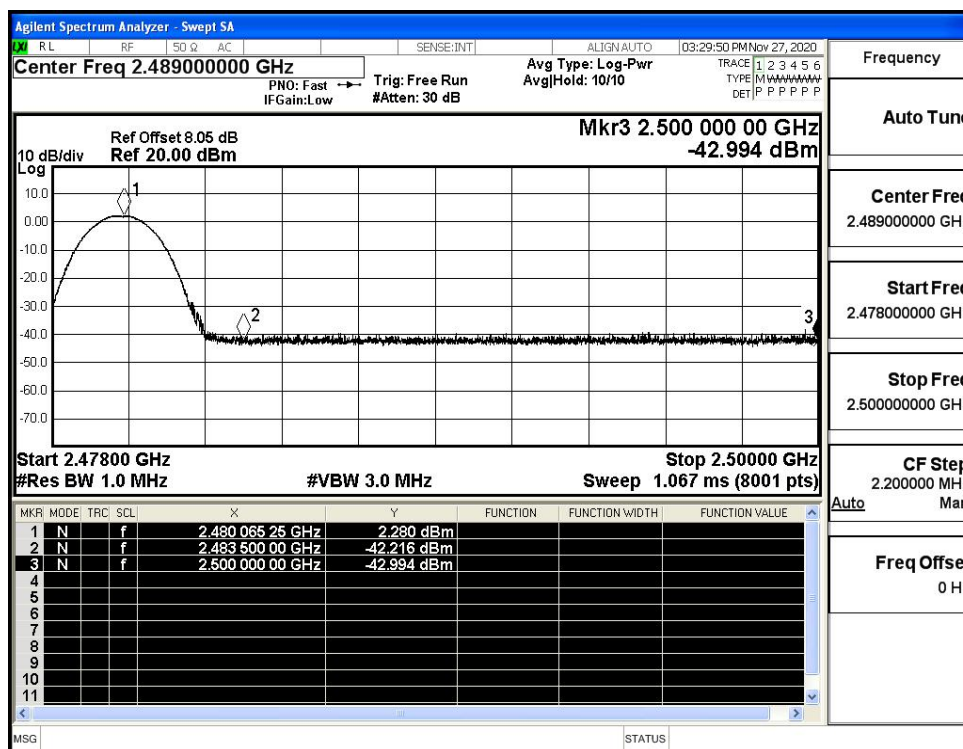
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



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