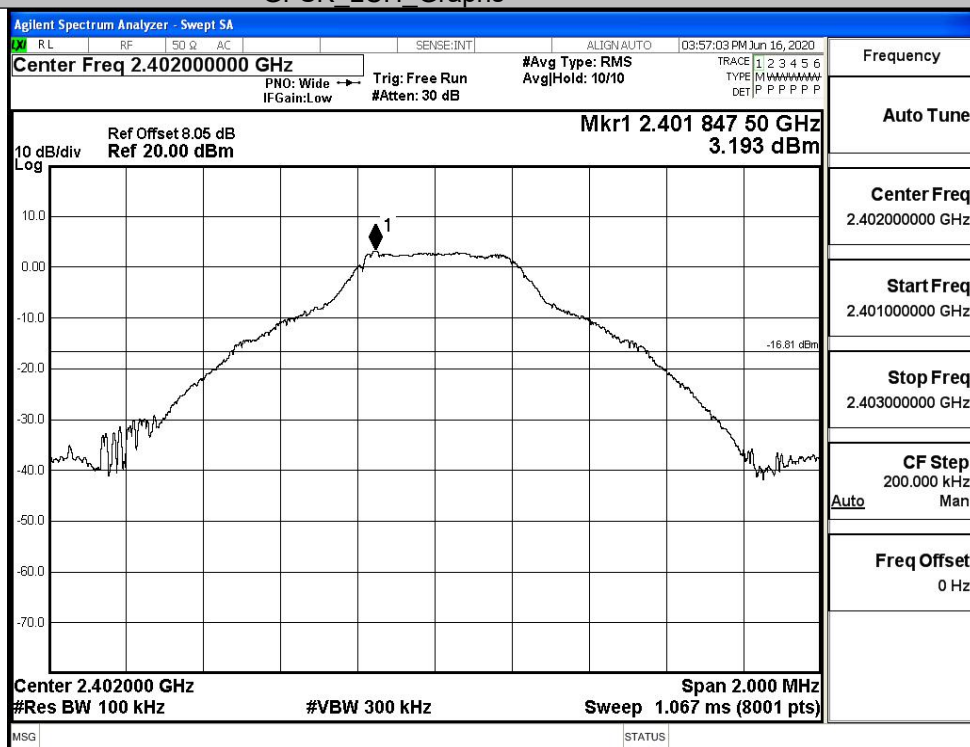


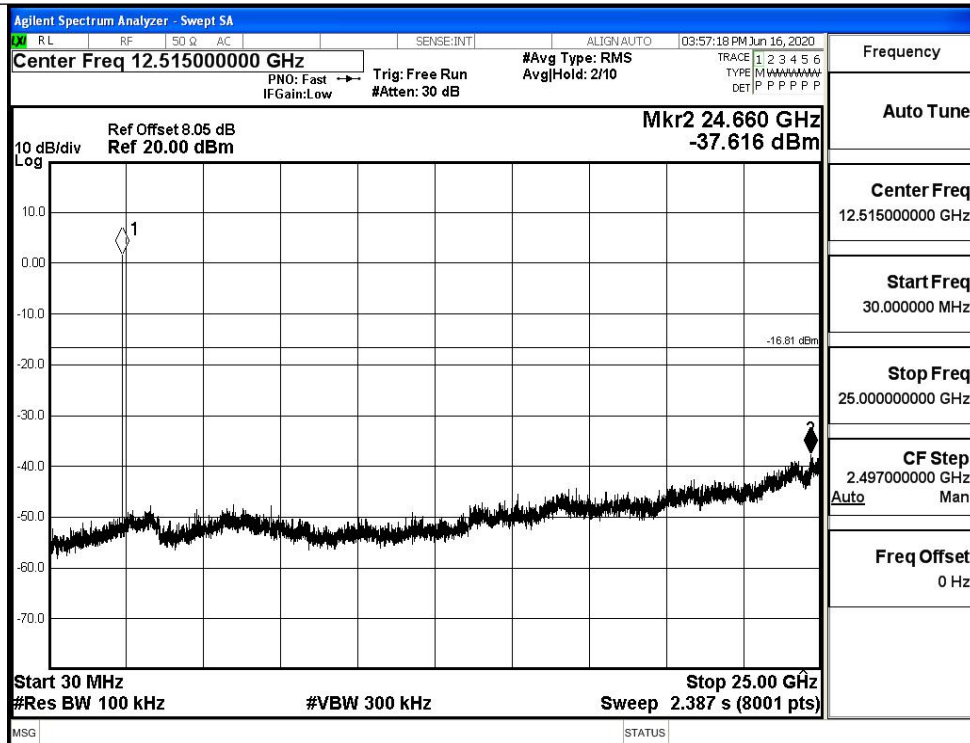
A.6 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	3.193	-37.616	-16.807	PASS
	MCH	1.592	-37.406	-18.408	PASS
	HCH	-0.103	-38.141	-20.103	PASS
$\pi/4$ DQPSK	LCH	0.101	-37.758	-19.899	PASS
	MCH	-1.449	-37.694	-21.449	PASS
	HCH	-3.166	-37.690	-23.166	PASS
8DPSK	LCH	0.266	-37.858	-19.734	PASS
	MCH	-1.393	-38.226	-21.393	PASS
	HCH	-3.28	-38.508	-23.280	PASS

GFSK LCH Graphs

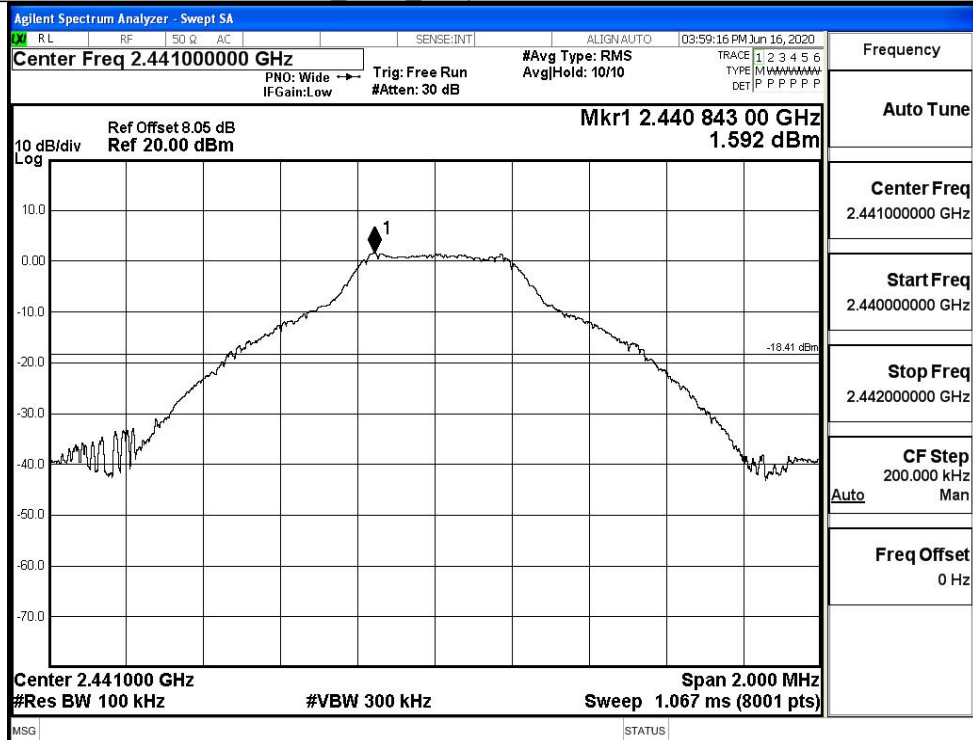
Pref



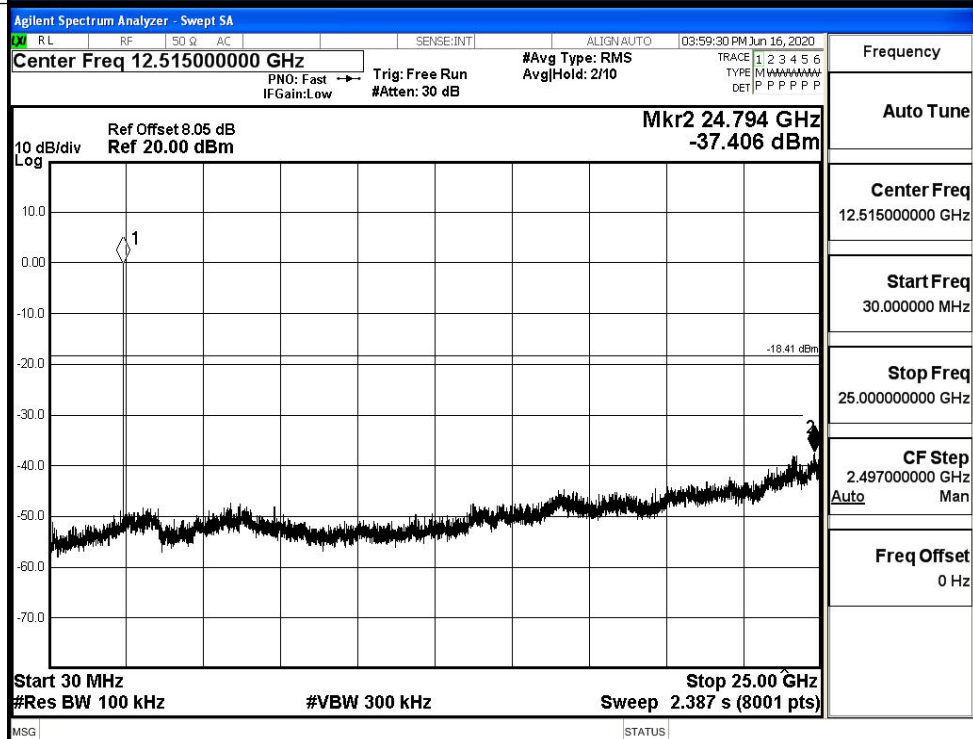


GFSK_MCH_Graphs

Pref

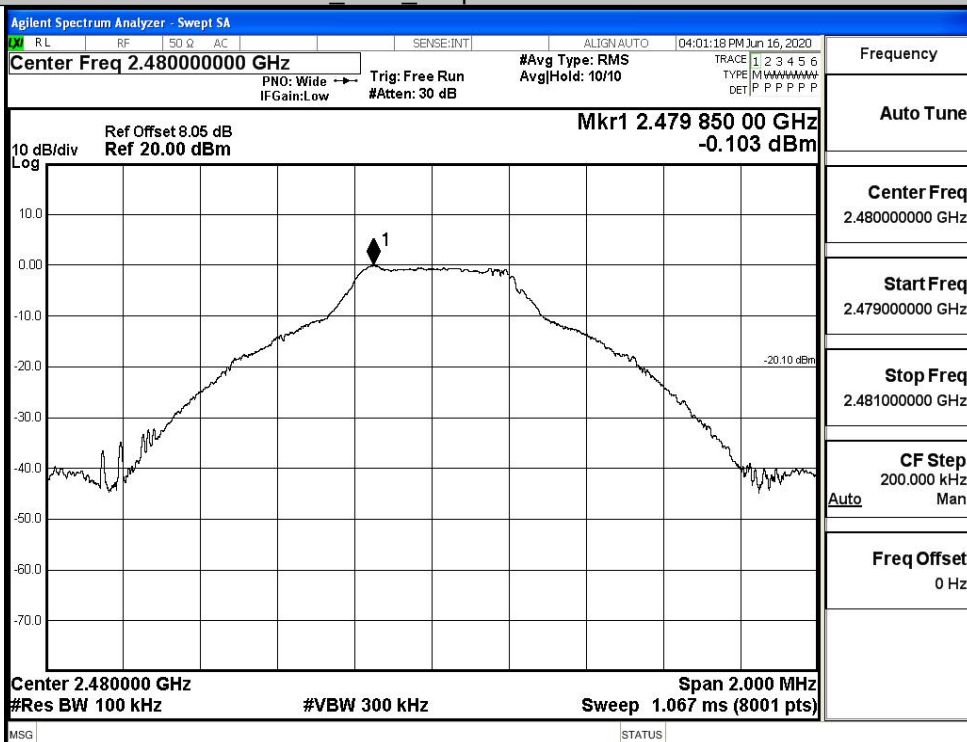


Puw

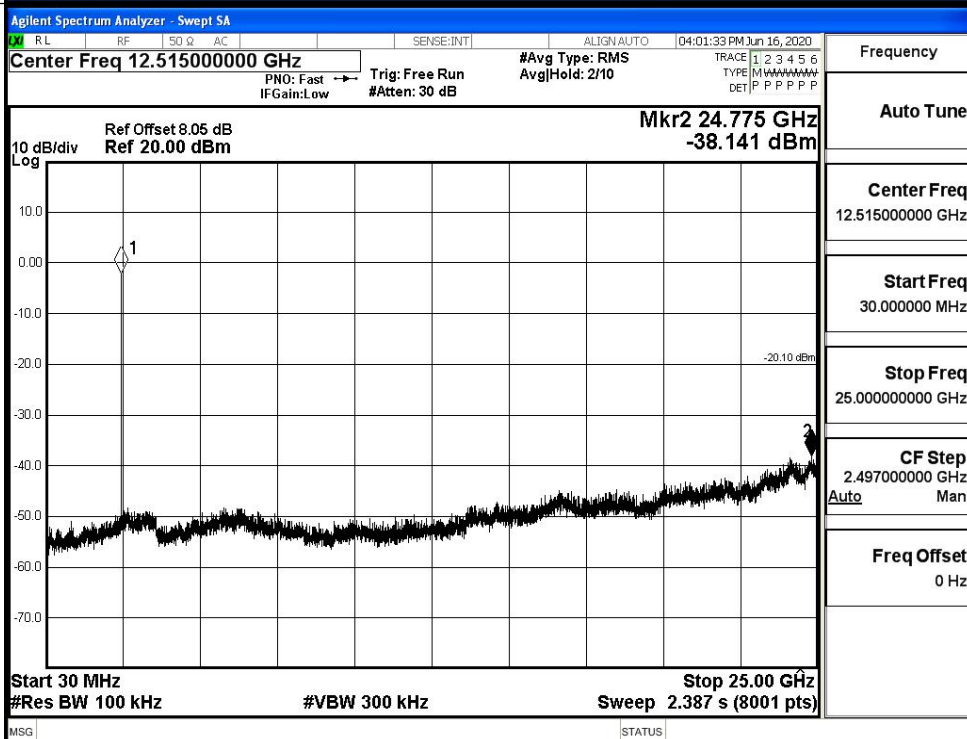


GFSK HCH_Graphs

Pref

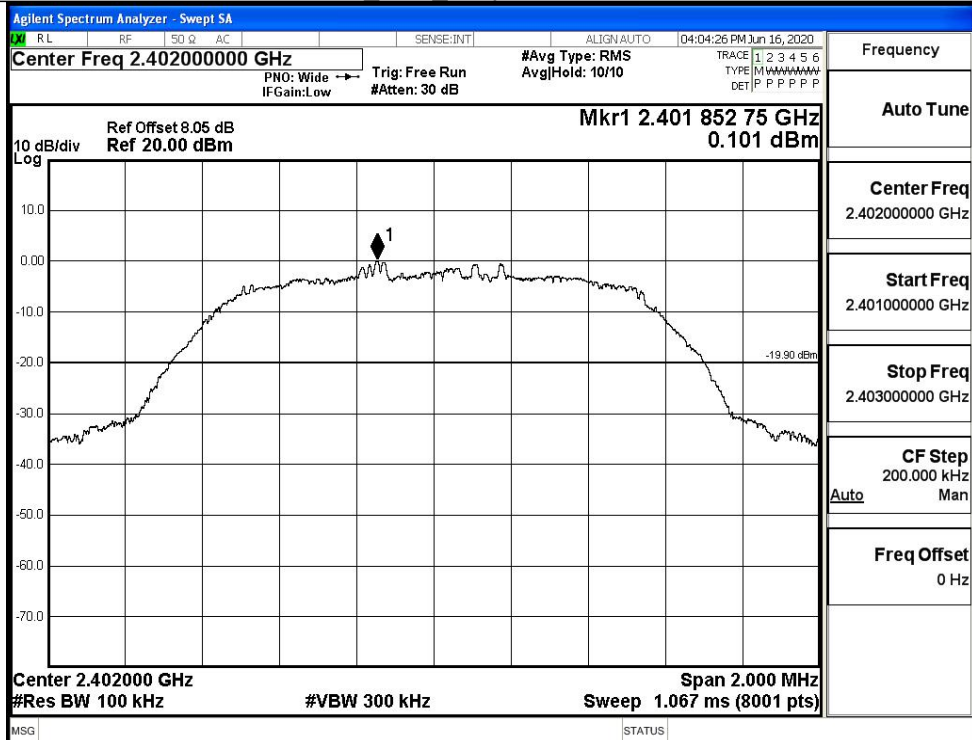


Puw

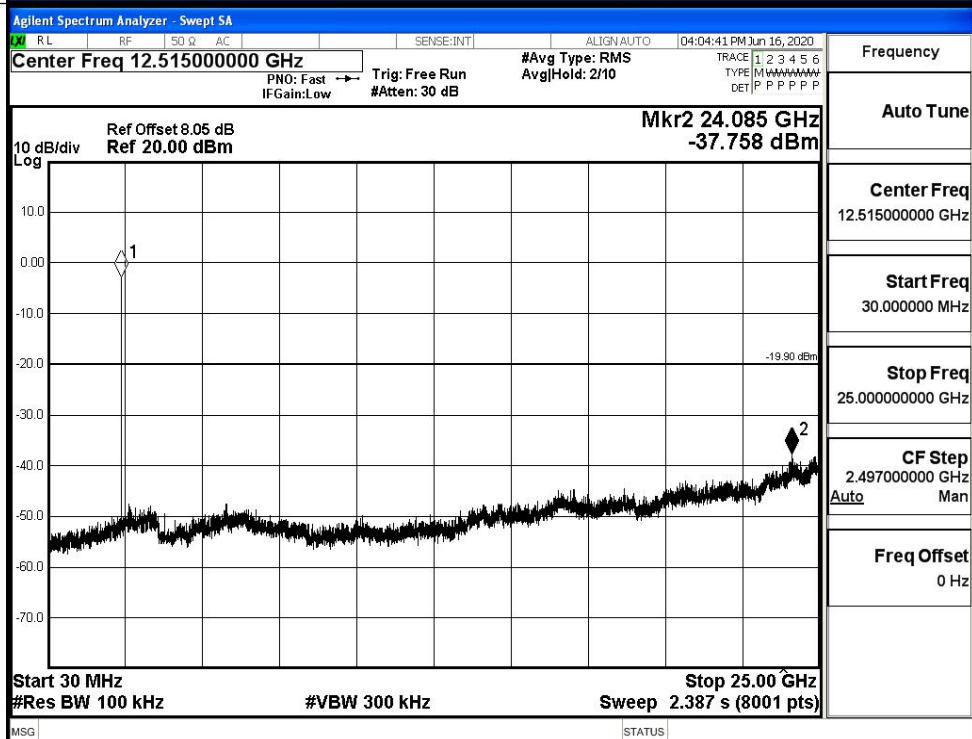


$\pi/4$ DQPSK LCH_Graphs

Pref

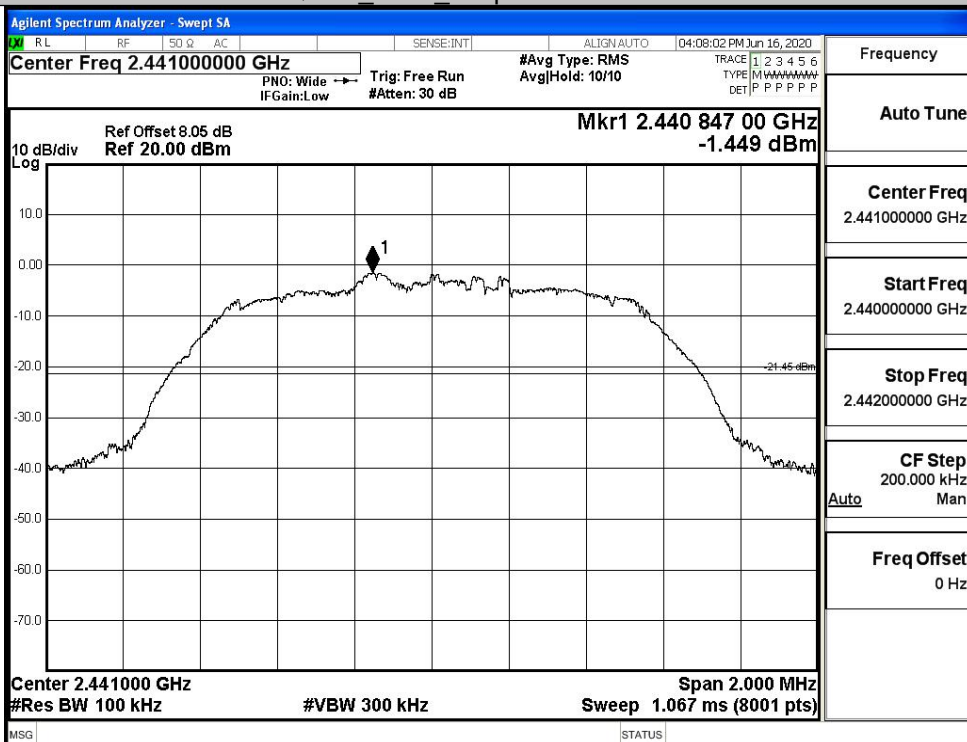


Puw

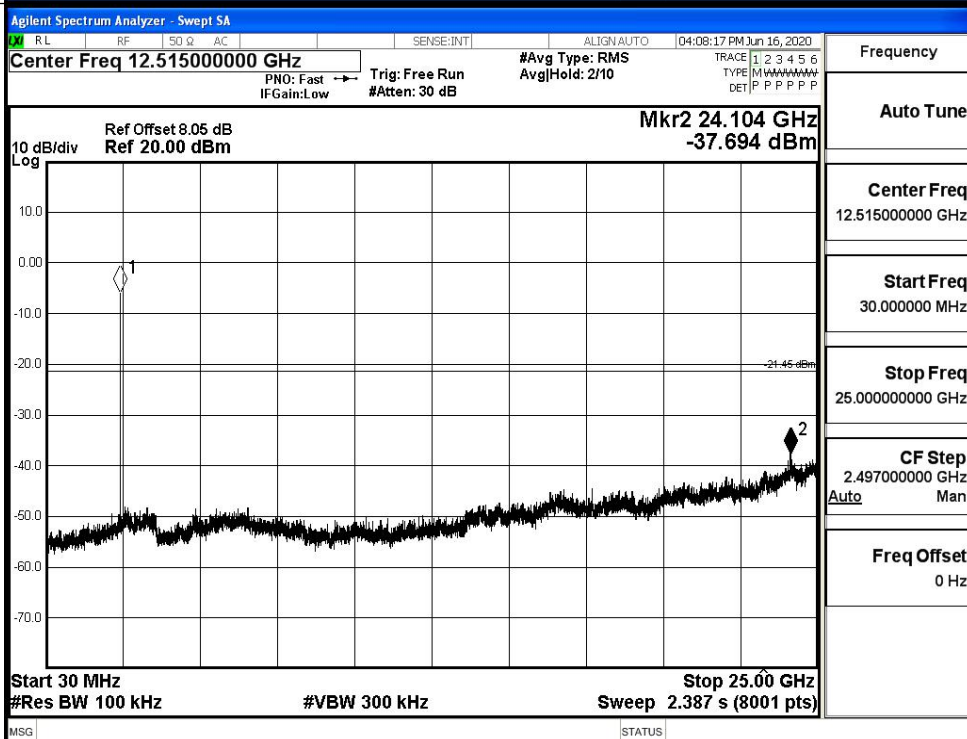


π /4DQPSK_MCH_Graphs

Pref

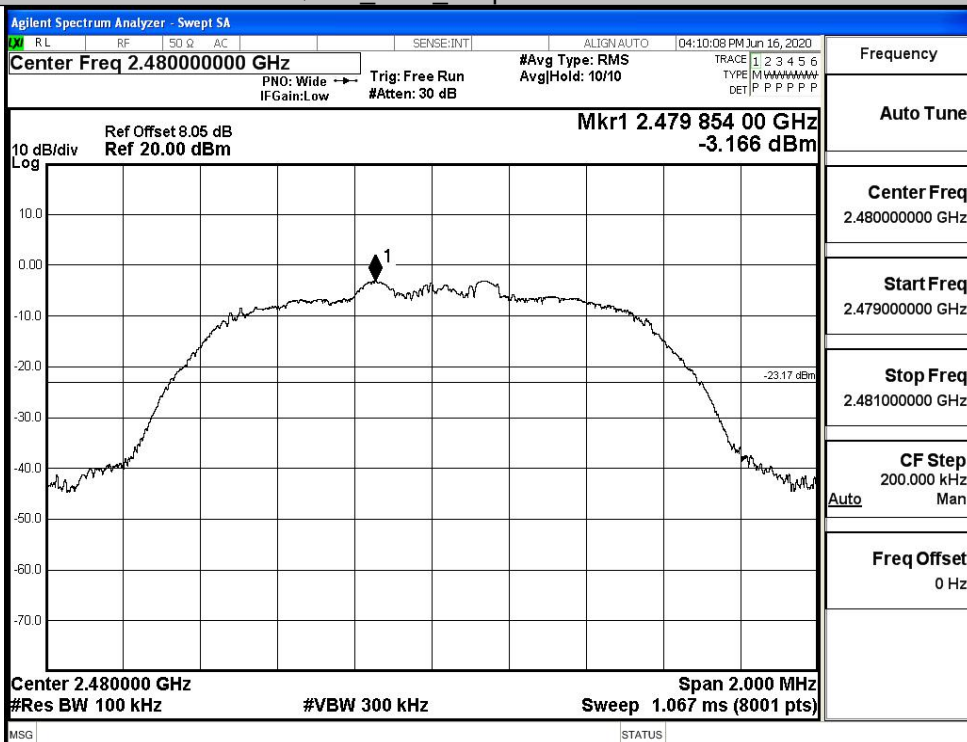


Puw

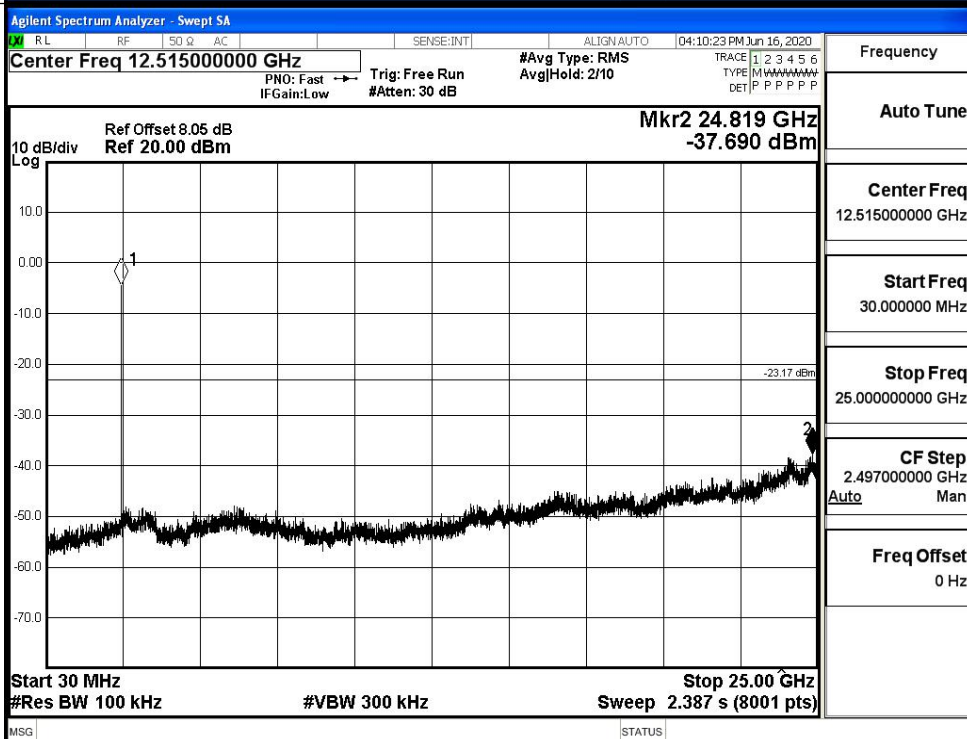


π /4DQPSK HCH_Graphs

Pref

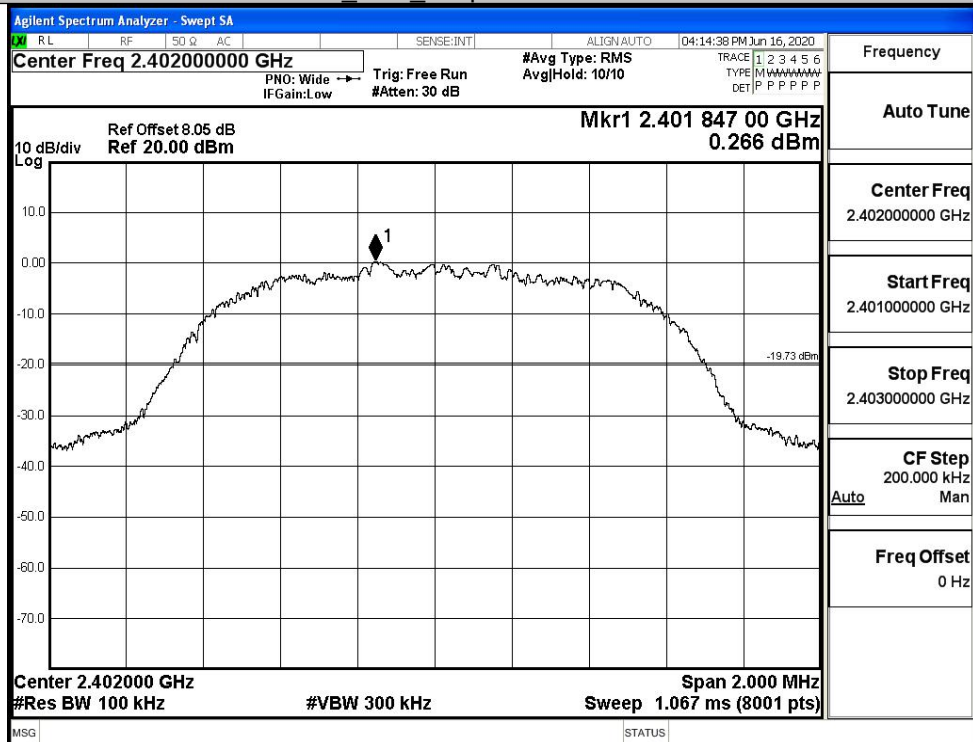


Puw

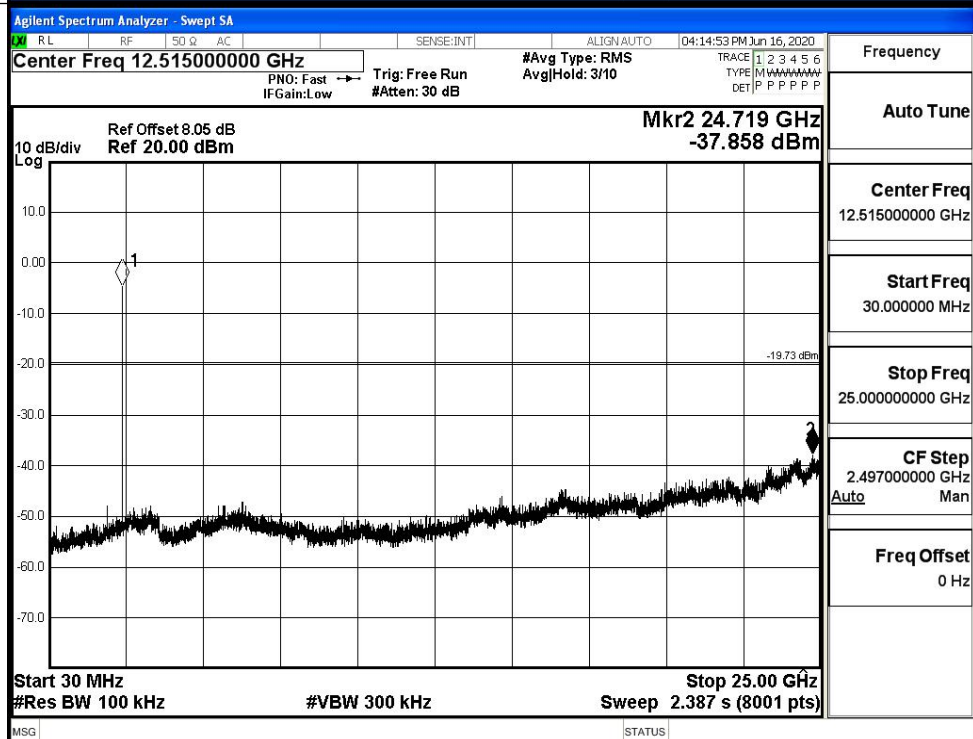


8DPSK_LCH_Graphs

Pref

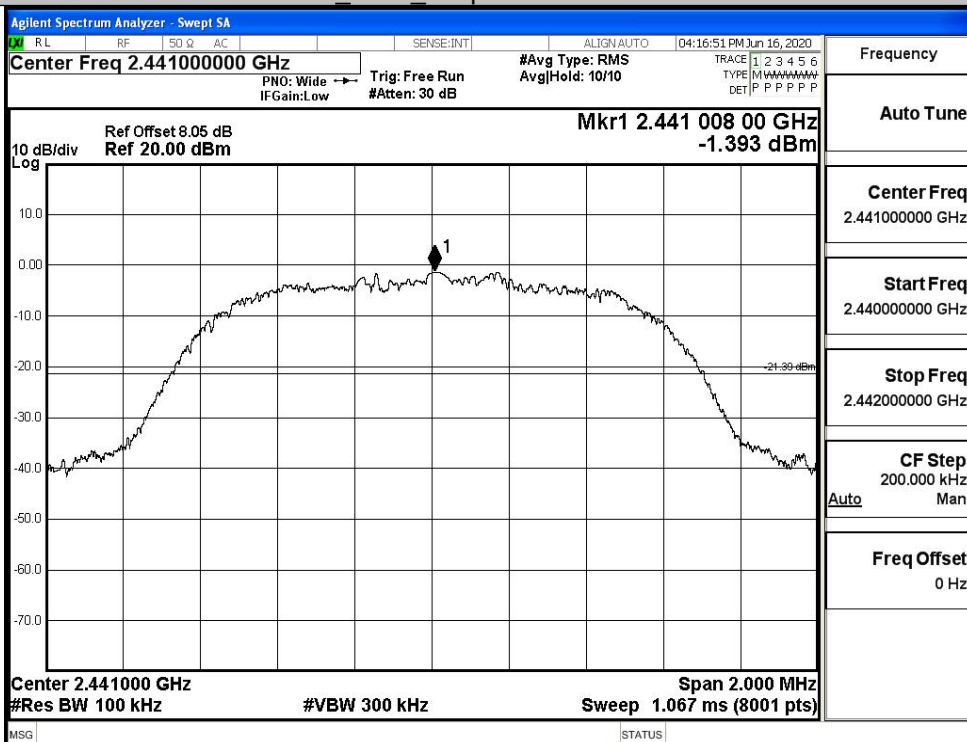


Puw

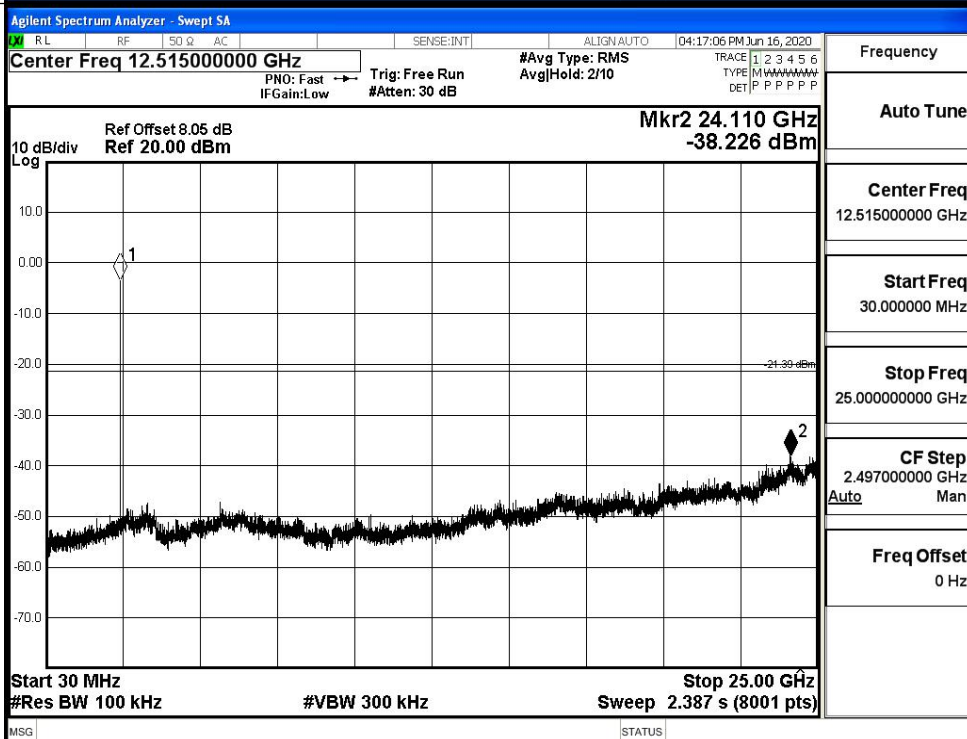


8DPSK_MCH_Graphs

Pref

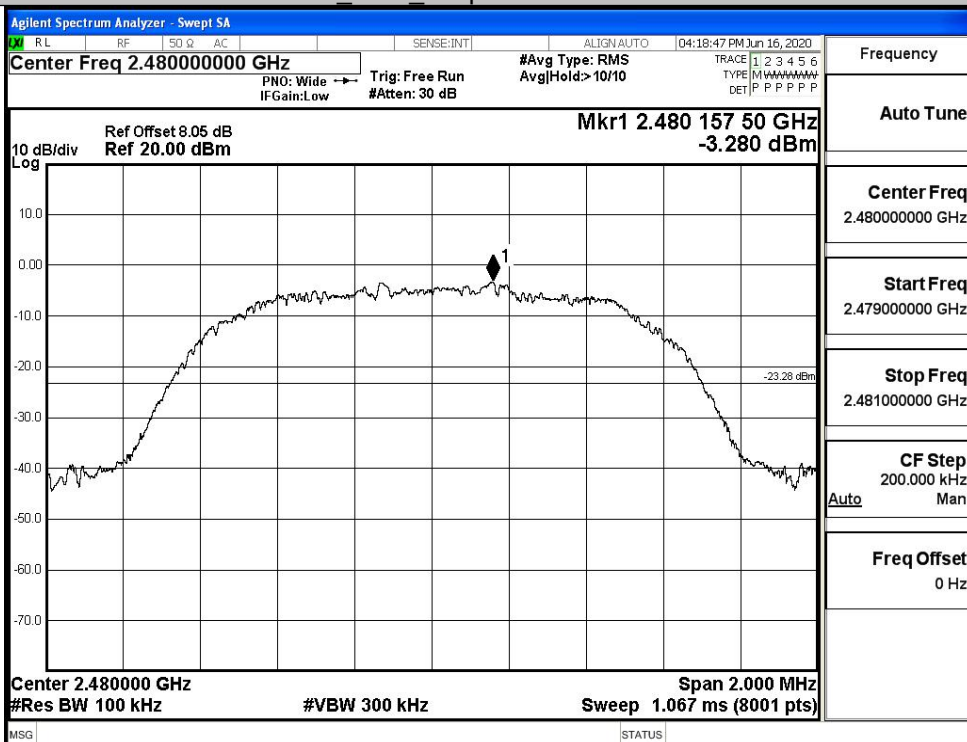


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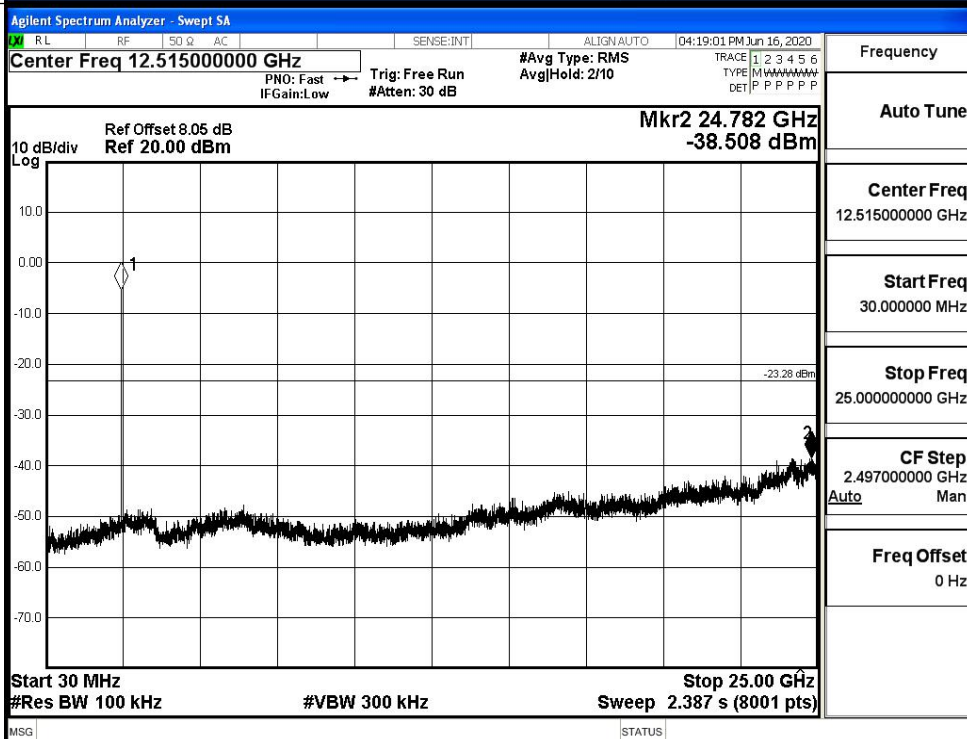


8DPSK_HCH_Graphs

Pref



Puw

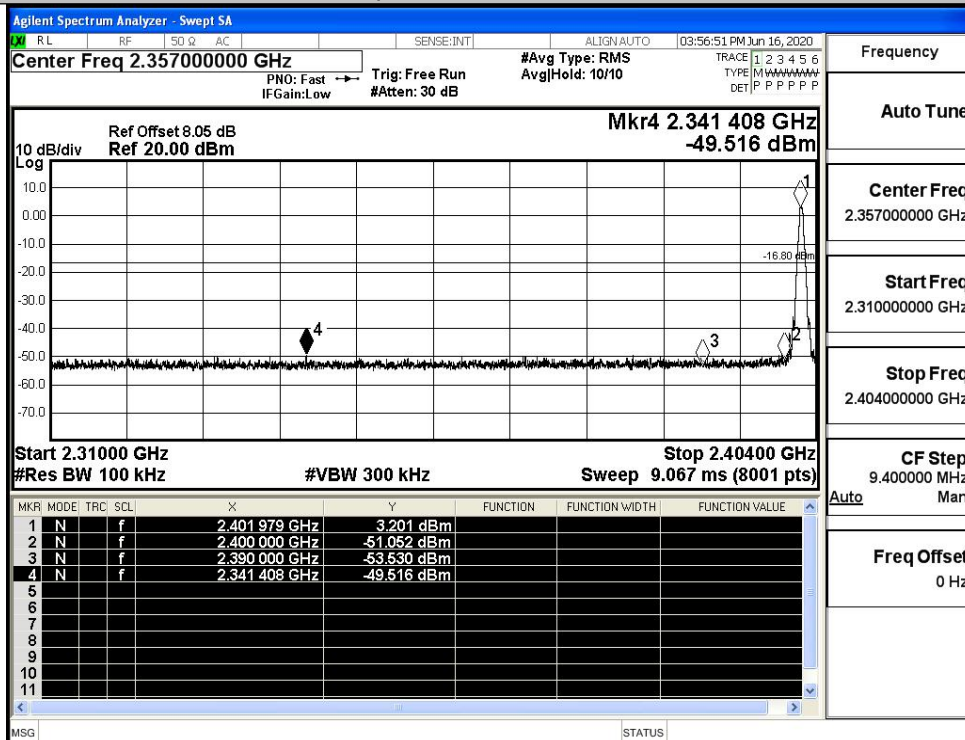


A.7 Band-edge for RF Conducted Emissions

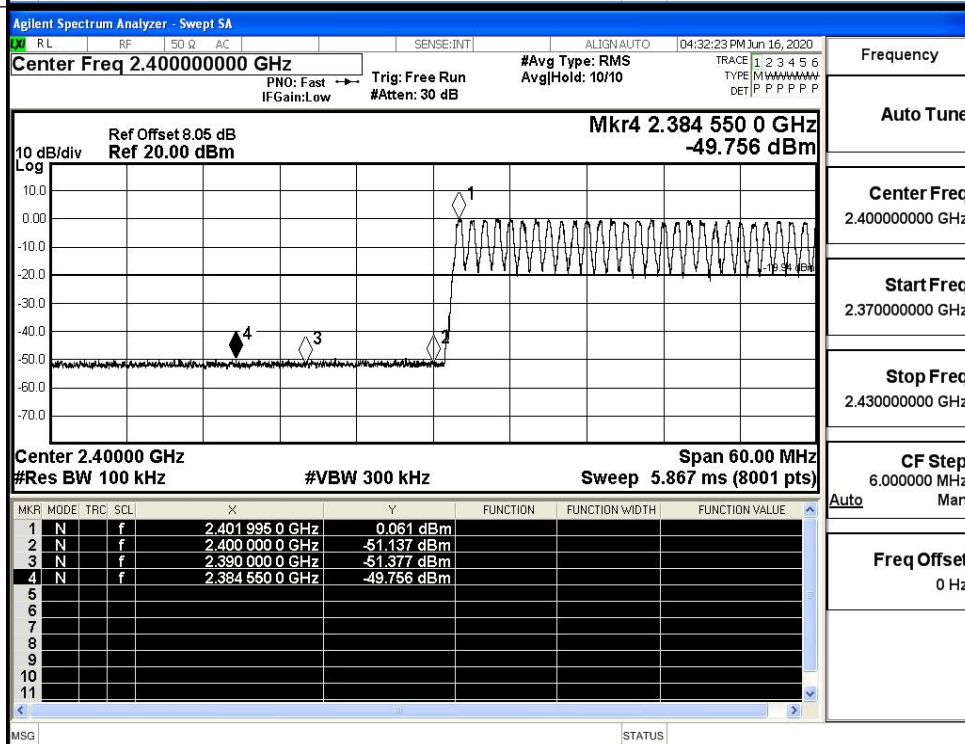
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	3.201	Off	-49.516	-16.8	PASS
			0.061	On	-49.756	-19.94	PASS
	HCH	2480	0.076	Off	-49.034	-19.92	PASS
			-2.027	On	-48.794	-22.03	PASS
$\pi/4$ DQPSK	LCH	2402	-1.100	Off	-49.988	-21.1	PASS
			0.232	On	-48.644	-19.77	PASS
	HCH	2480	-2.896	Off	-48.639	-22.9	PASS
			-2.154	On	-48.606	-22.15	PASS
8DPSK	LCH	2402	-0.668	Off	-49.211	-20.67	PASS
			0.340	On	-49.583	-19.66	PASS
	HCH	2480	-3.017	Off	-49.127	-23.02	PASS
			-2.022	On	-48.291	-22.02	PASS

Test Graphs

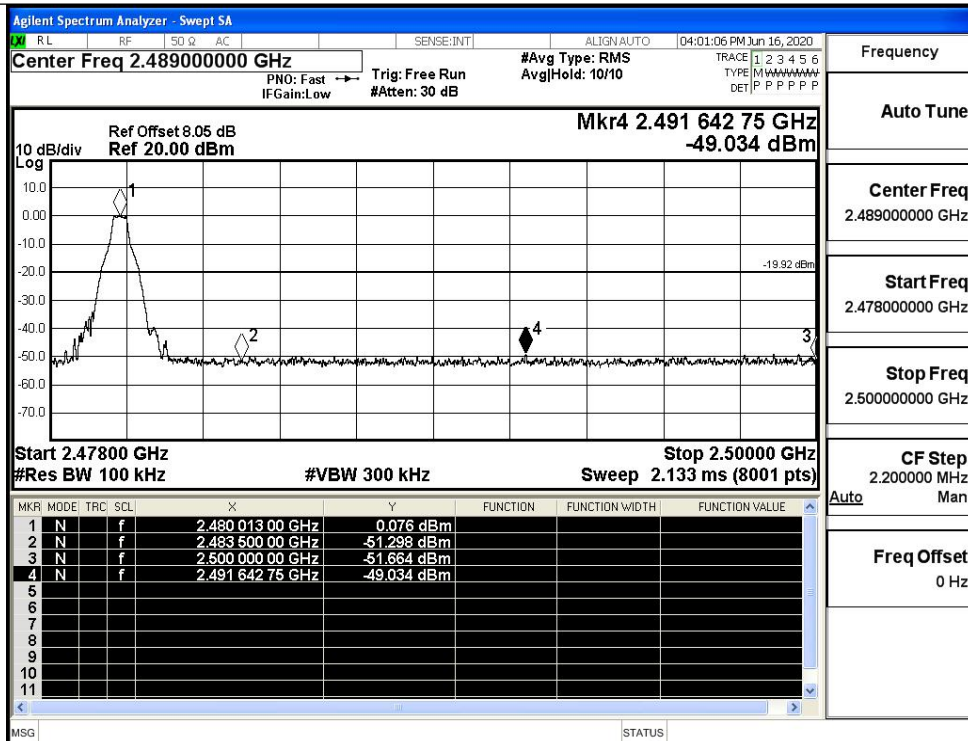
GFSK/LCH/No Hop



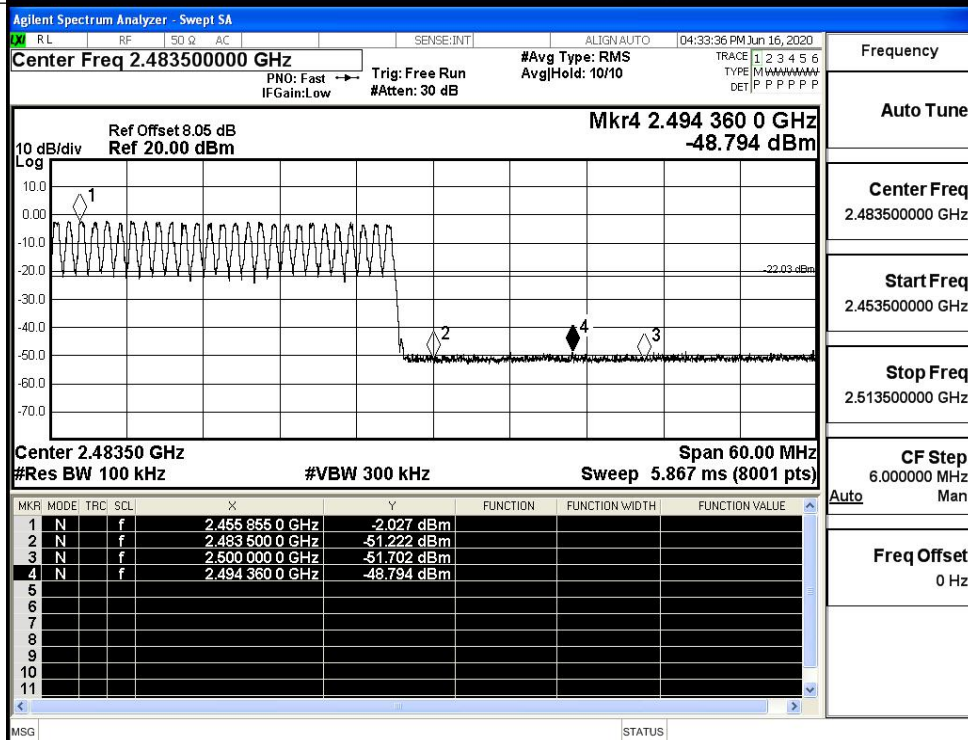
GFSK/LCH/Hop



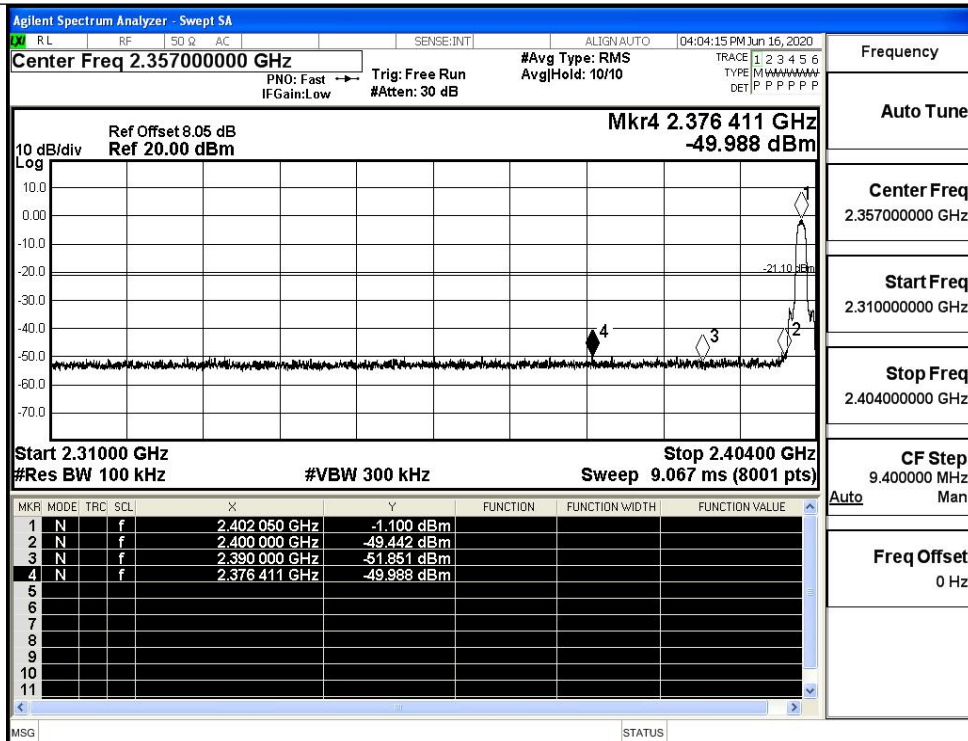
GFSK/HCH/No Hop



GFSK/HCH/Hop



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

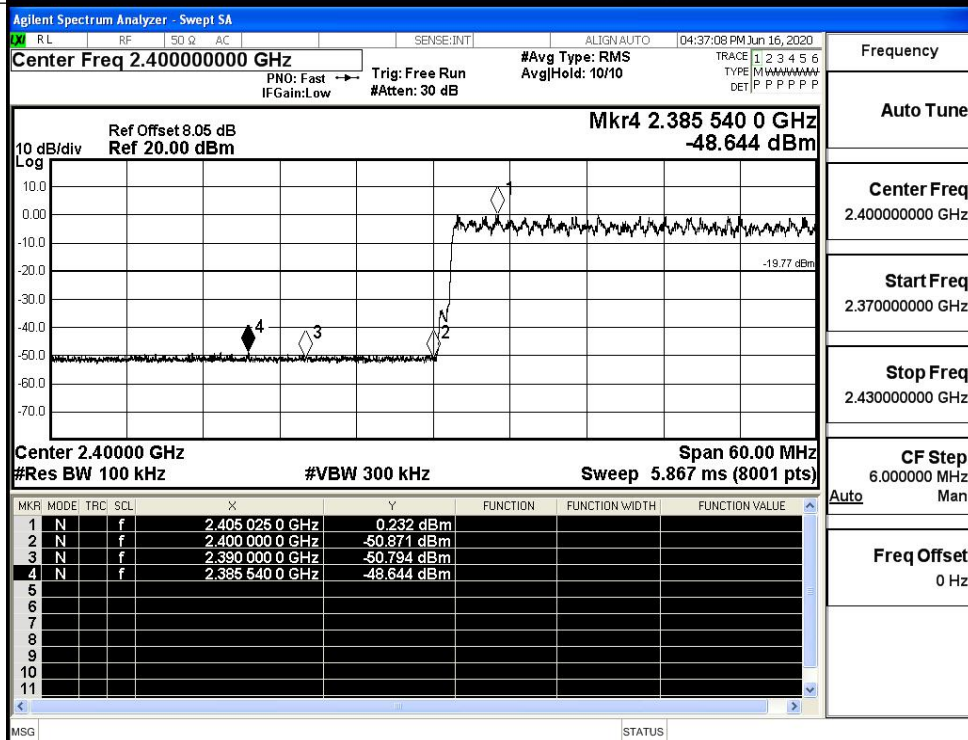


Frequency

Auto Tune

Center Freq
2.357000000 GHzStart Freq
2.310000000 GHzStop Freq
2.404000000 GHzCF Step
9.400000 MHz
Auto ManFreq Offset
0 Hz

$\pi/4$ DQPSK/LCH/Hop

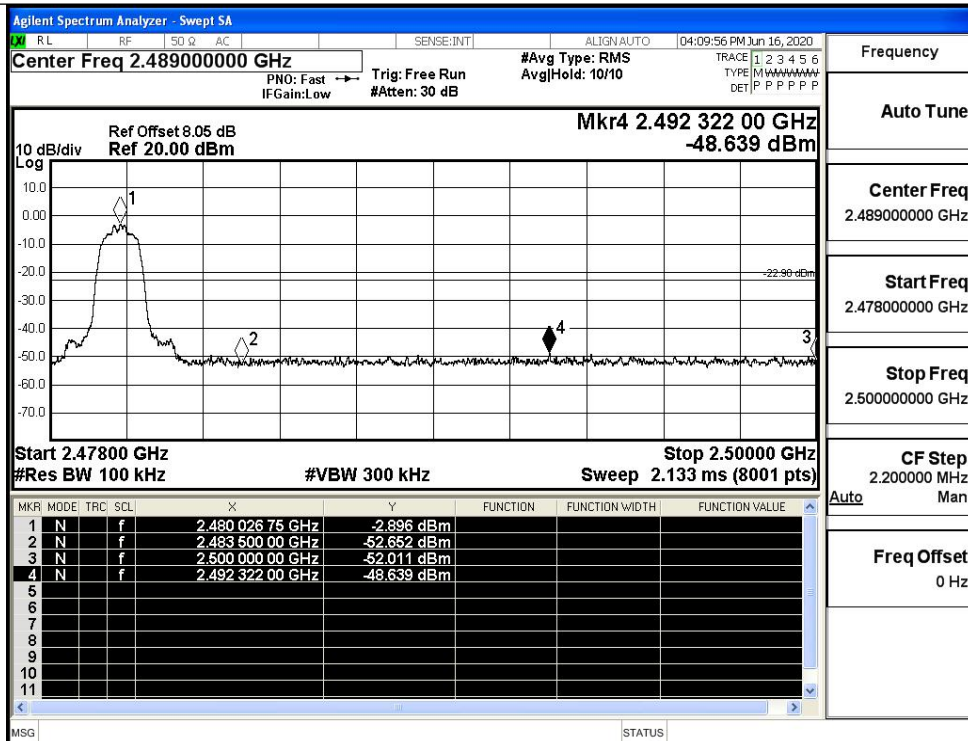


Frequency

Auto Tune

Center Freq
2.400000000 GHzStart Freq
2.370000000 GHzStop Freq
2.430000000 GHzCF Step
6.000000 MHz
Auto ManFreq Offset
0 Hz

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



Frequency

Auto Tune

Center Freq
2.489000000 GHz

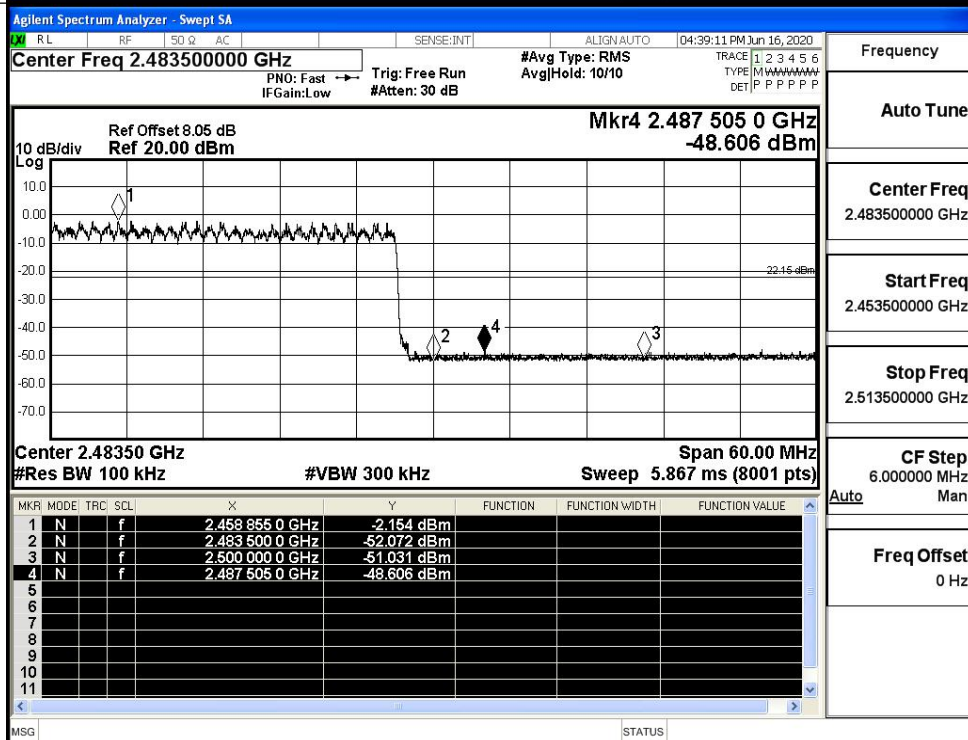
Start Freq
2.478000000 GHz

Stop Freq
2.500000000 GHz

CF Step
2.200000 MHz
Auto Man

Freq Offset
0 Hz

$\pi/4$ DQPSK/HCH/Hop



Frequency

Auto Tune

Center Freq
2.483500000 GHz

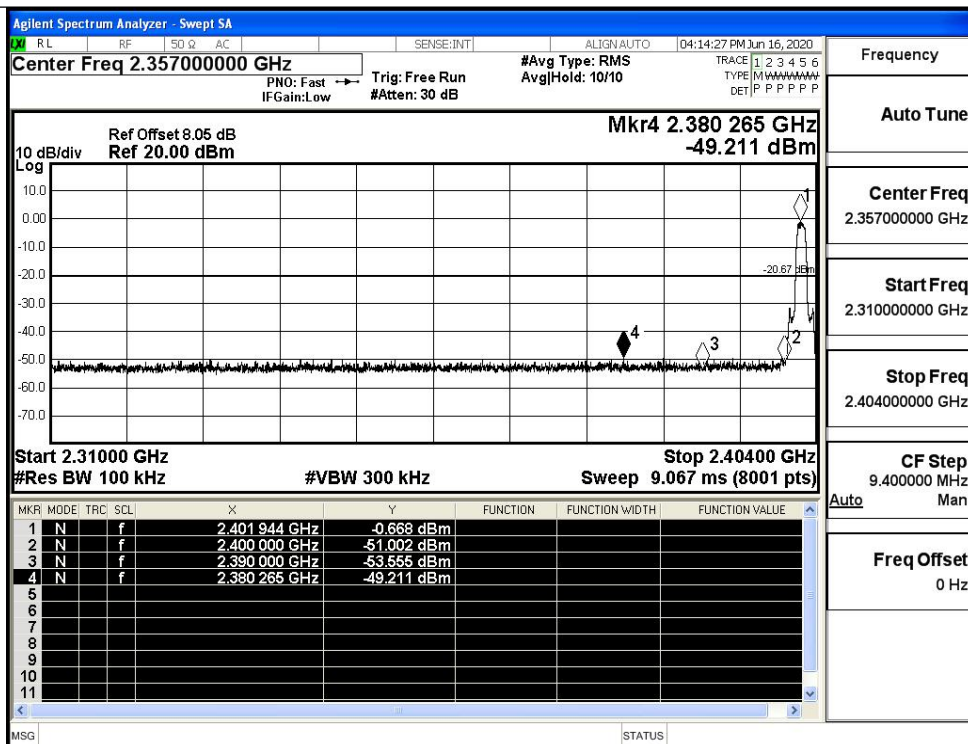
Start Freq
2.453500000 GHz

Stop Freq
2.513500000 GHz

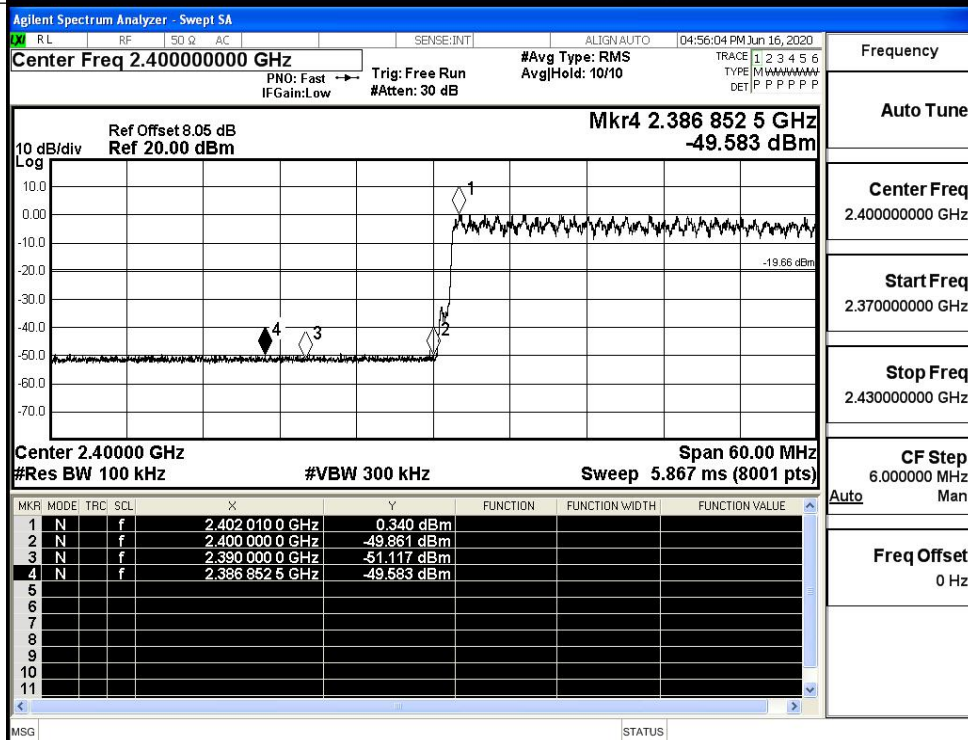
CF Step
6.000000 MHz
Auto Man

Freq Offset
0 Hz

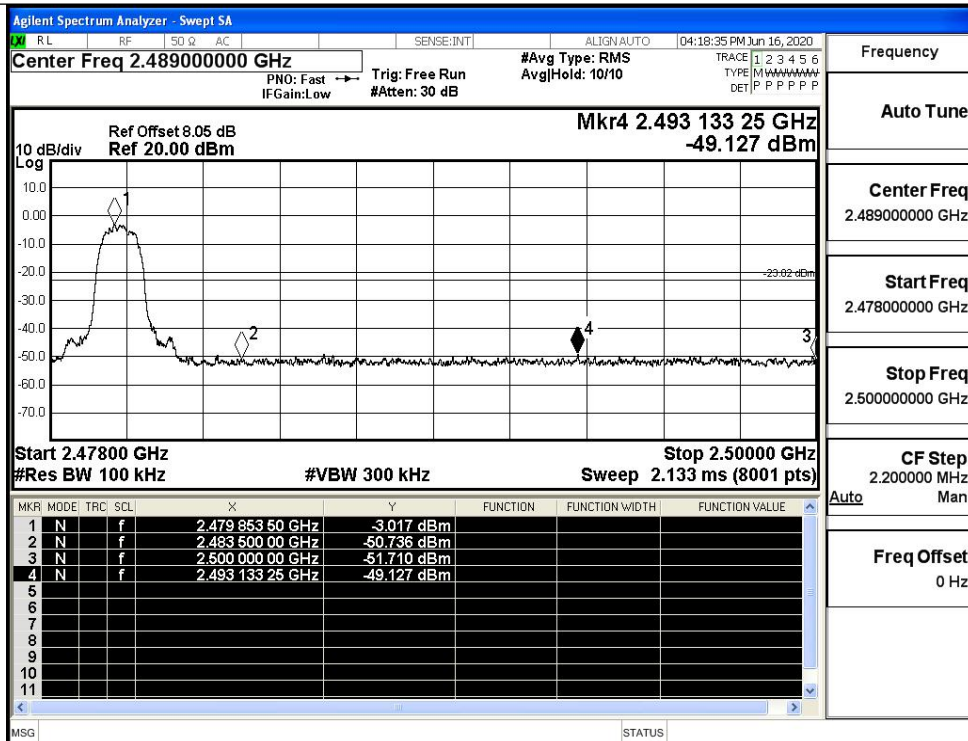
8DPSK/LCH/No Hop



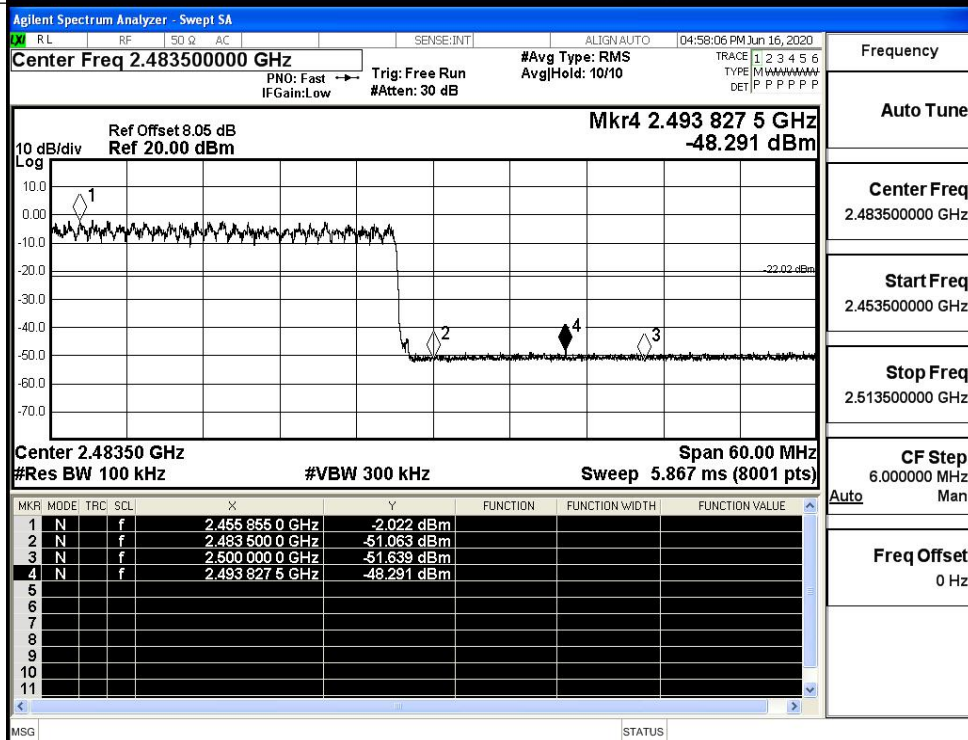
8DPSK/LCH/Hop



8DPSK/HCH/No Hop



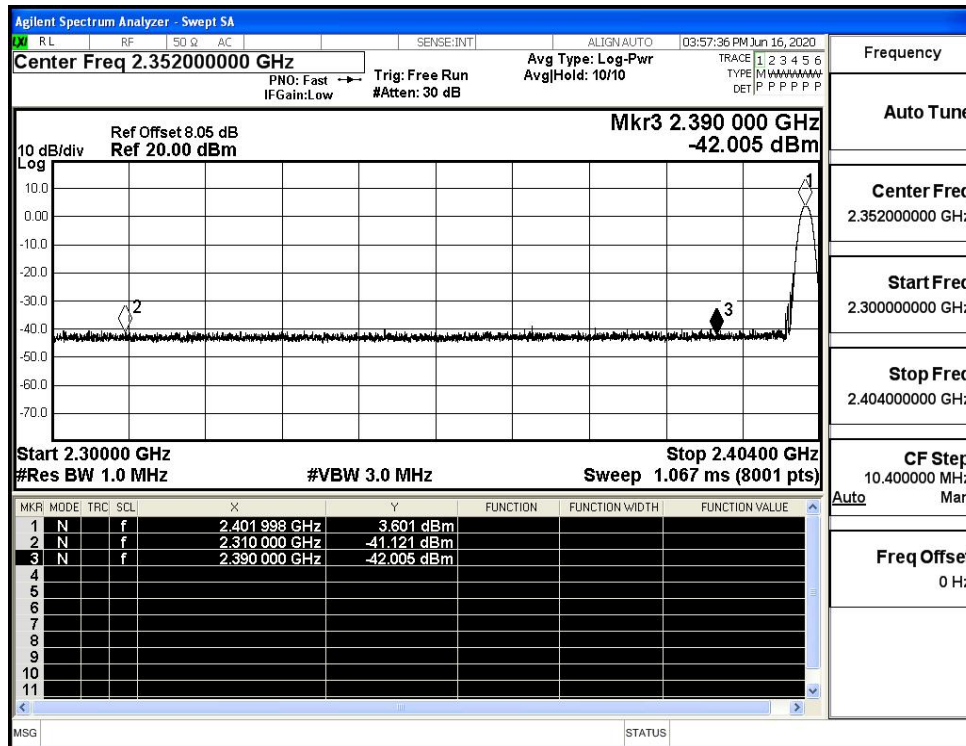
8DPSK/HCH/Hop



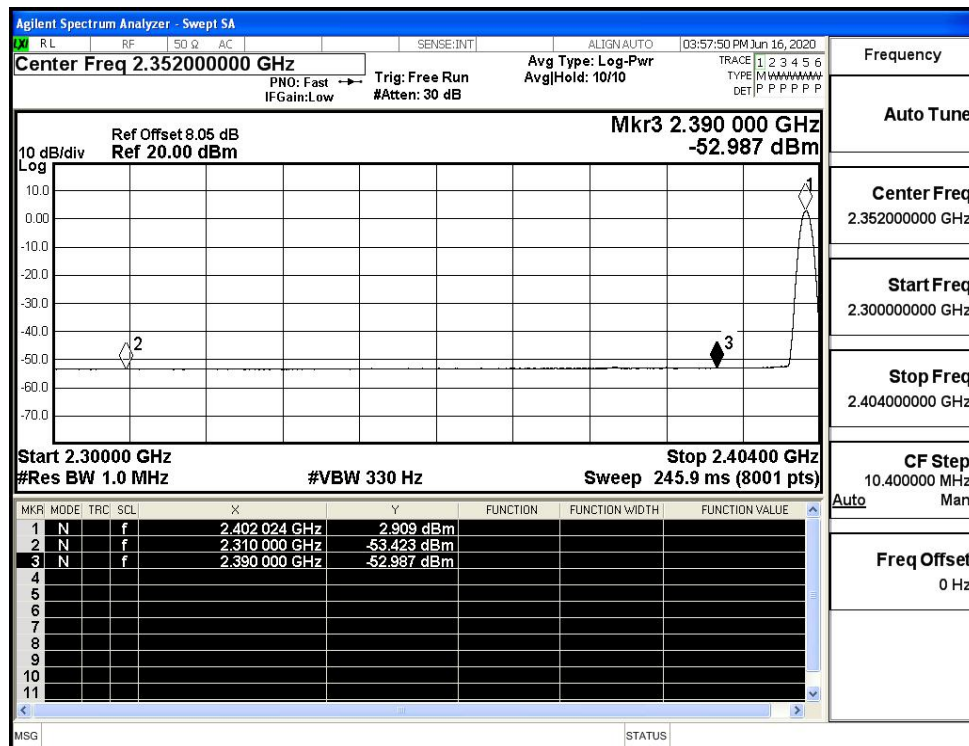
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-41.12	2.0	0	54.14	PEAK	74	PASS
	Off	2310.0	-53.42	2.0	0	41.83	AV	54	PASS
	Off	2390.0	-42.01	2.0	0	53.25	PEAK	74	PASS
	Off	2390.0	-52.99	2.0	0	42.27	AV	54	PASS
	Off	2483.5	-42.26	2.0	0	53.00	PEAK	74	PASS
	Off	2483.5	-52.44	2.0	0	42.82	AV	54	PASS
	Off	2500.0	-42.46	2.0	0	52.80	PEAK	74	PASS
	Off	2500.0	-52.36	2.0	0	42.90	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-41.48	2.0	0	53.78	PEAK	74	PASS
	Off	2310.0	-53.30	2.0	0	41.96	AV	54	PASS
	Off	2390.0	-40.64	2.0	0	54.62	PEAK	74	PASS
	Off	2390.0	-53.03	2.0	0	42.23	AV	54	PASS
	Off	2483.5	-40.96	2.0	0	54.30	PEAK	74	PASS
	Off	2483.5	-52.48	2.0	0	42.78	AV	54	PASS
	Off	2500.0	-41.97	2.0	0	53.28	PEAK	74	PASS
	Off	2500.0	-52.35	2.0	0	42.91	AV	54	PASS
8DPSK	Off	2310.0	-44.32	2.0	0	50.94	PEAK	74	PASS
	Off	2310.0	-53.42	2.0	0	41.84	AV	54	PASS
	Off	2390.0	-43.79	2.0	0	51.47	PEAK	74	PASS
	Off	2390.0	-52.99	2.0	0	42.27	AV	54	PASS
	Off	2483.5	-42.04	2.0	0	53.21	PEAK	74	PASS
	Off	2483.5	-52.42	2.0	0	42.84	AV	54	PASS
	Off	2500.0	-41.59	2.0	0	53.67	PEAK	74	PASS
	Off	2500.0	-52.36	2.0	0	42.90	AV	54	PASS

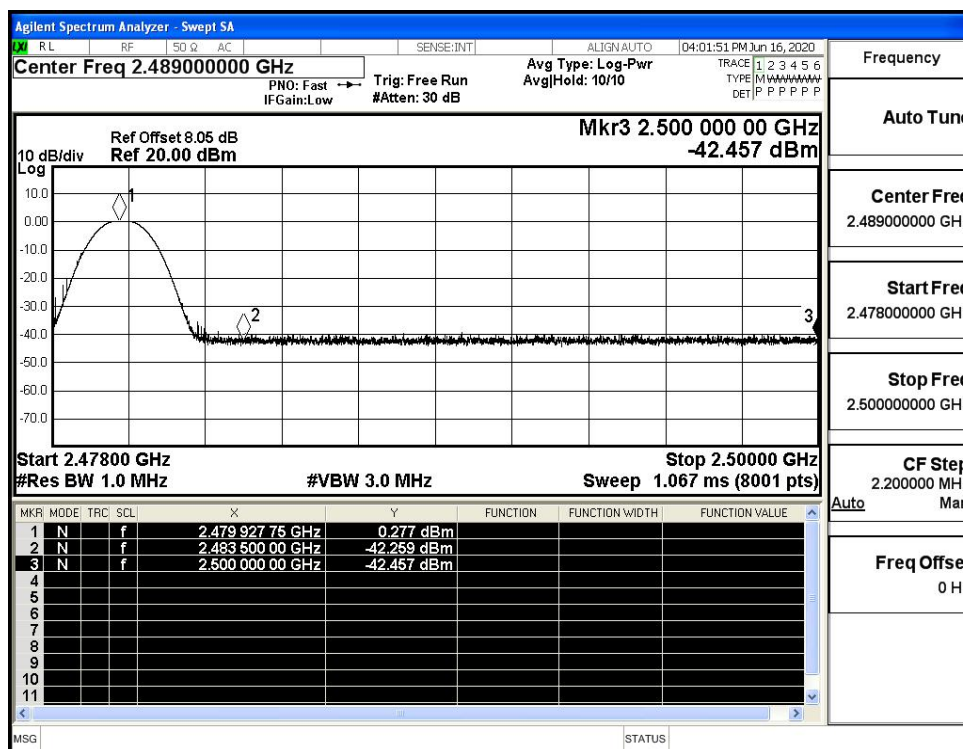
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (Low Channel)



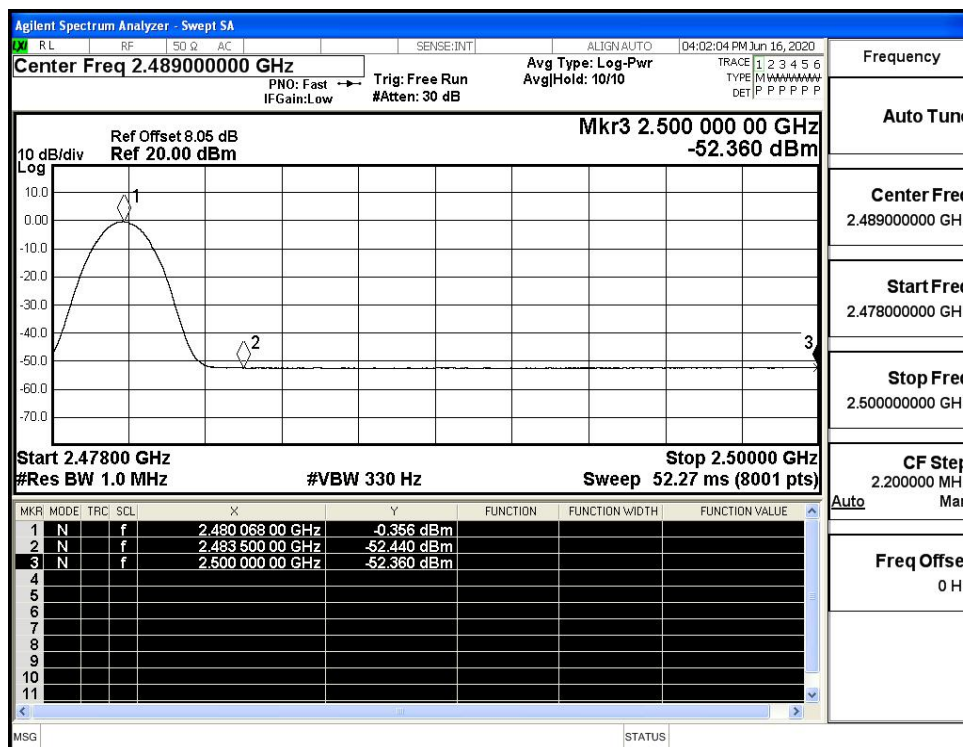
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (Low Channel)

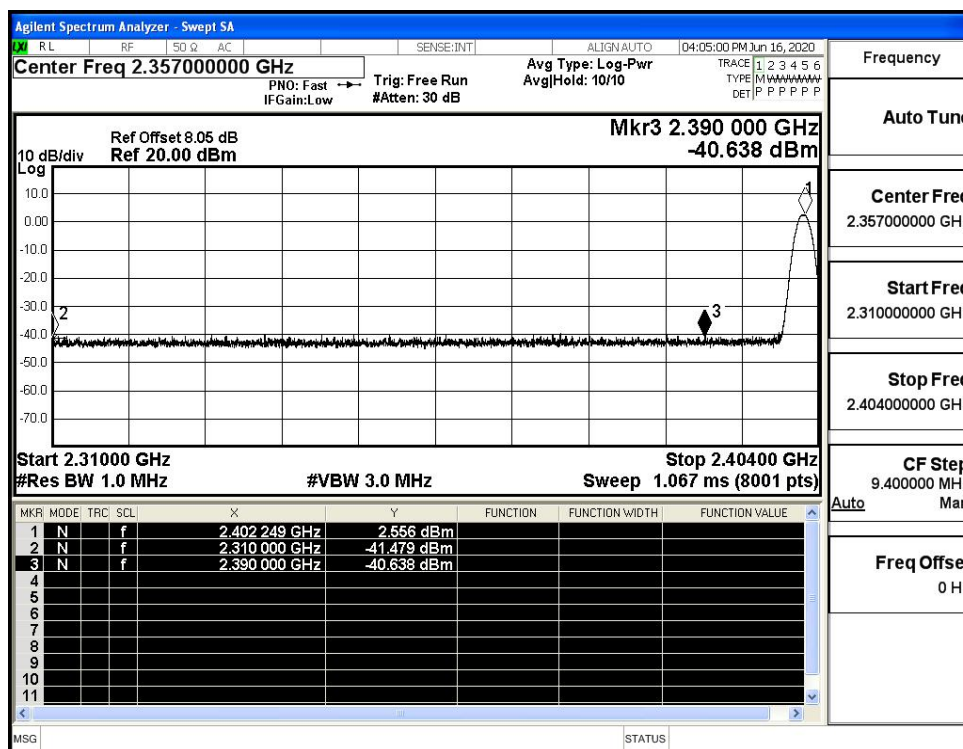
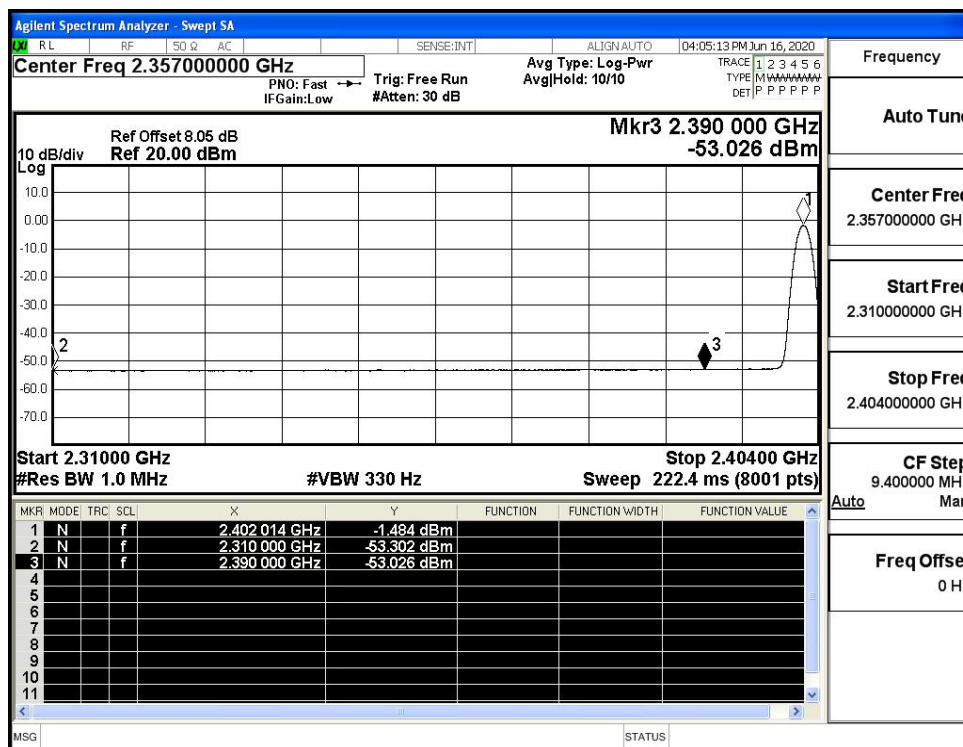


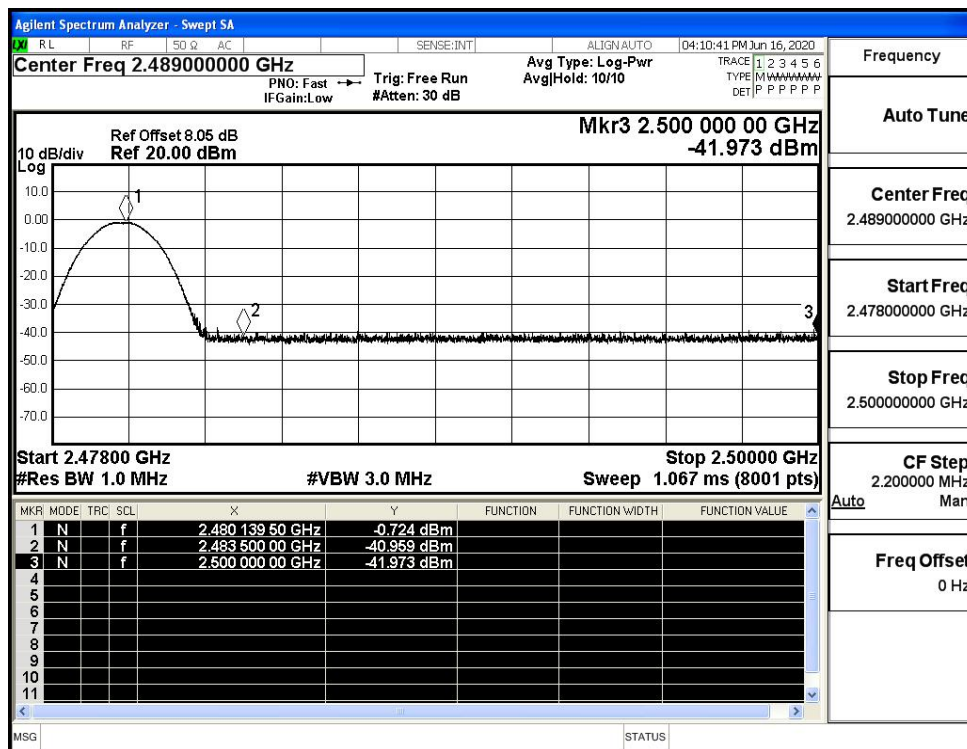
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



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)