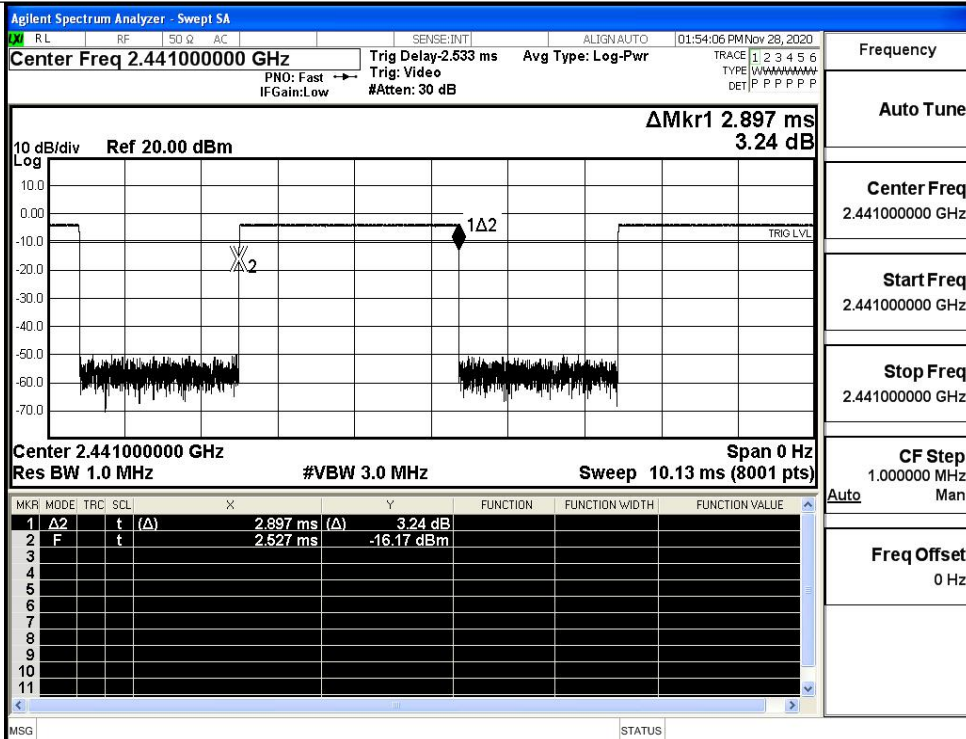
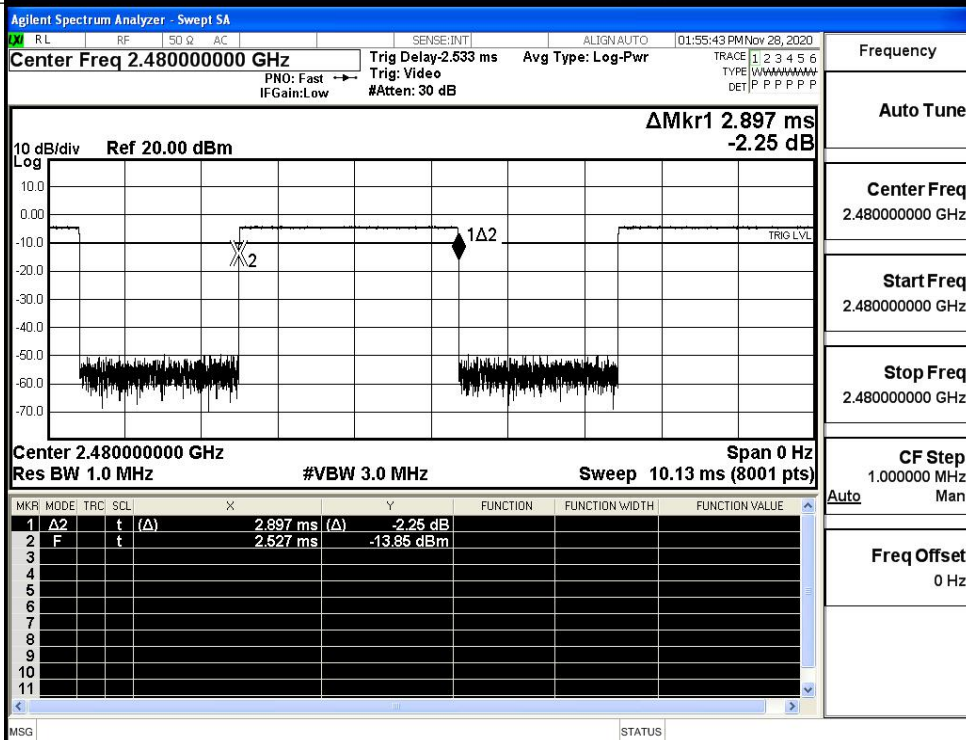


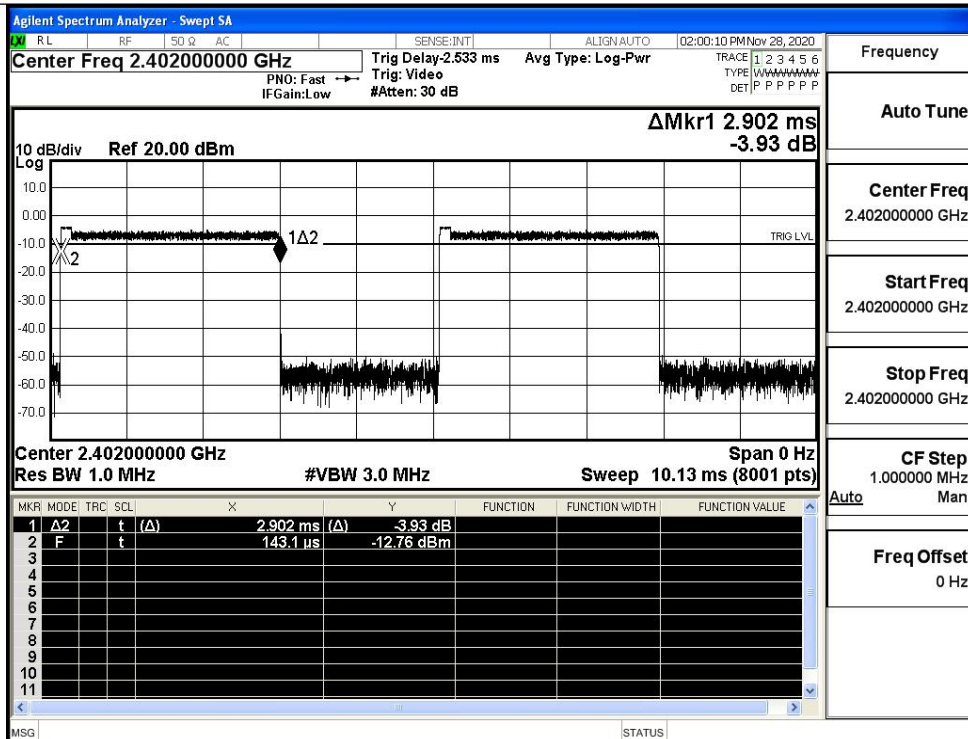
GFSK_DH5/MCH



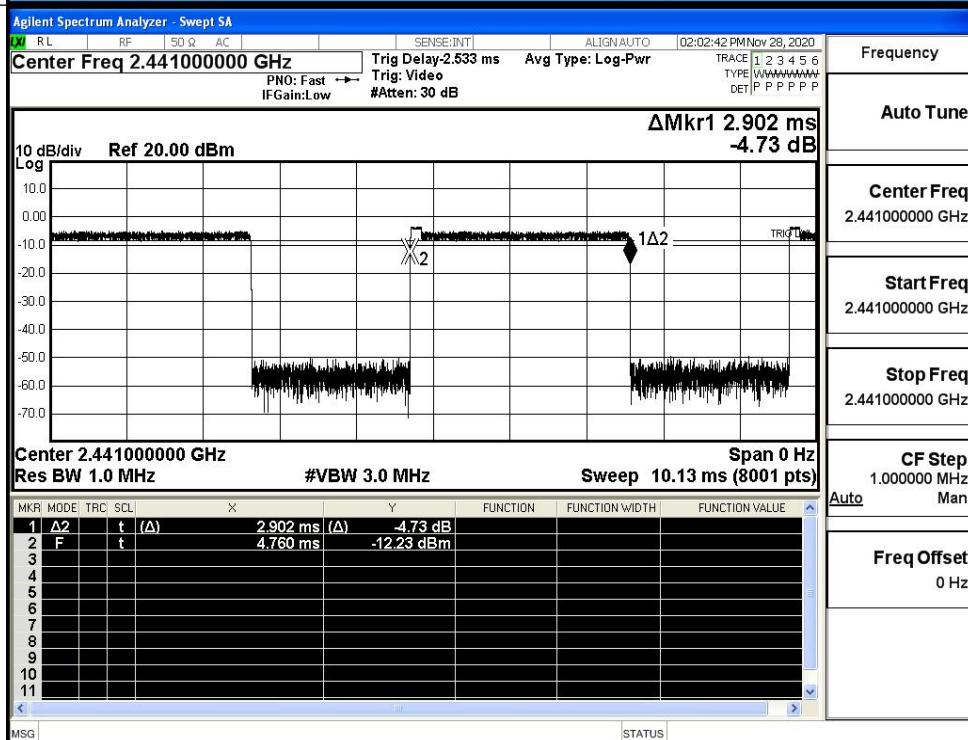
GFSK_DH5/HCH



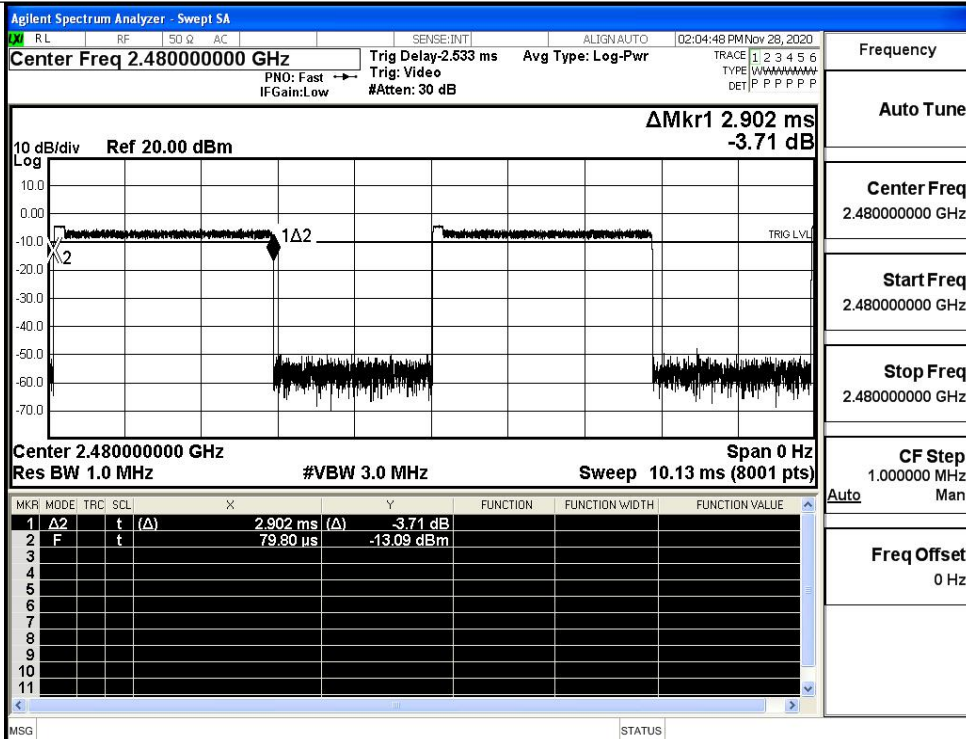
$\pi/4$ DQPSK
_2DH5/LCH



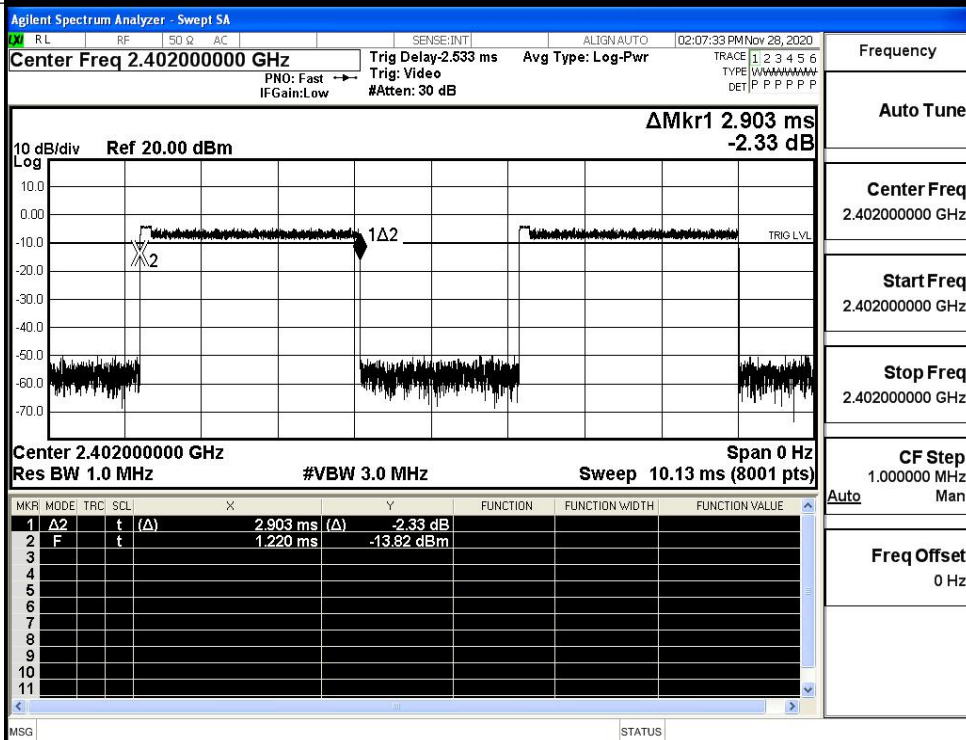
$\pi/4$ DQPSK
_2DH5/MCH



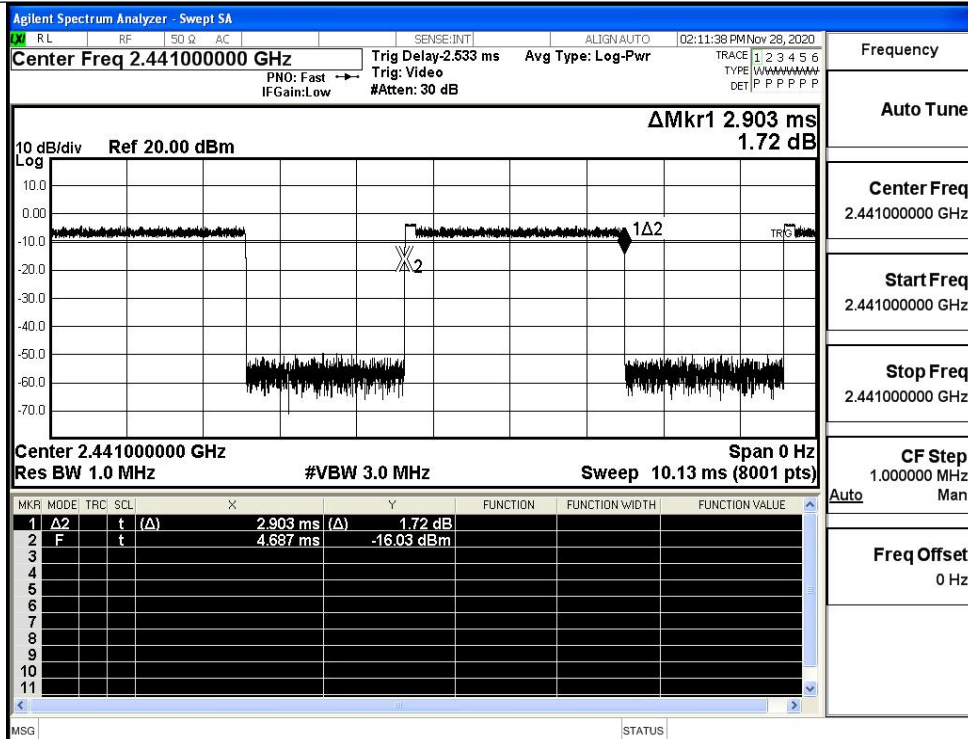
$\pi/4$ DQPSK
_2DH5/HCH



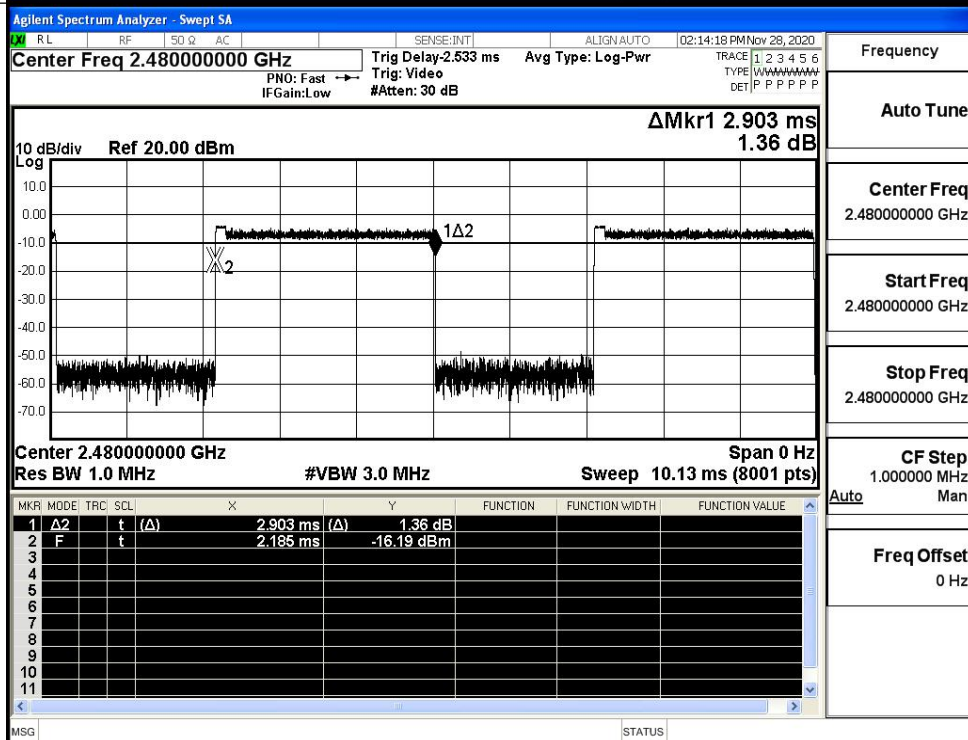
8DPSK _3DH5/LCH



8DPSK_3DH5/MCH



8DPSK_3DH5/HCH

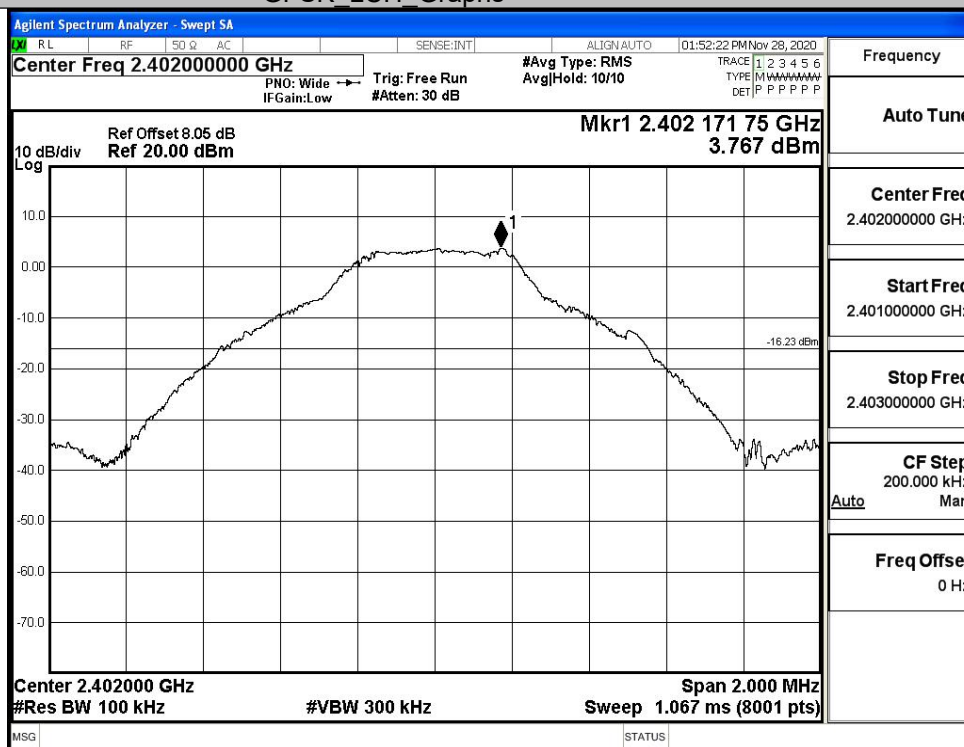


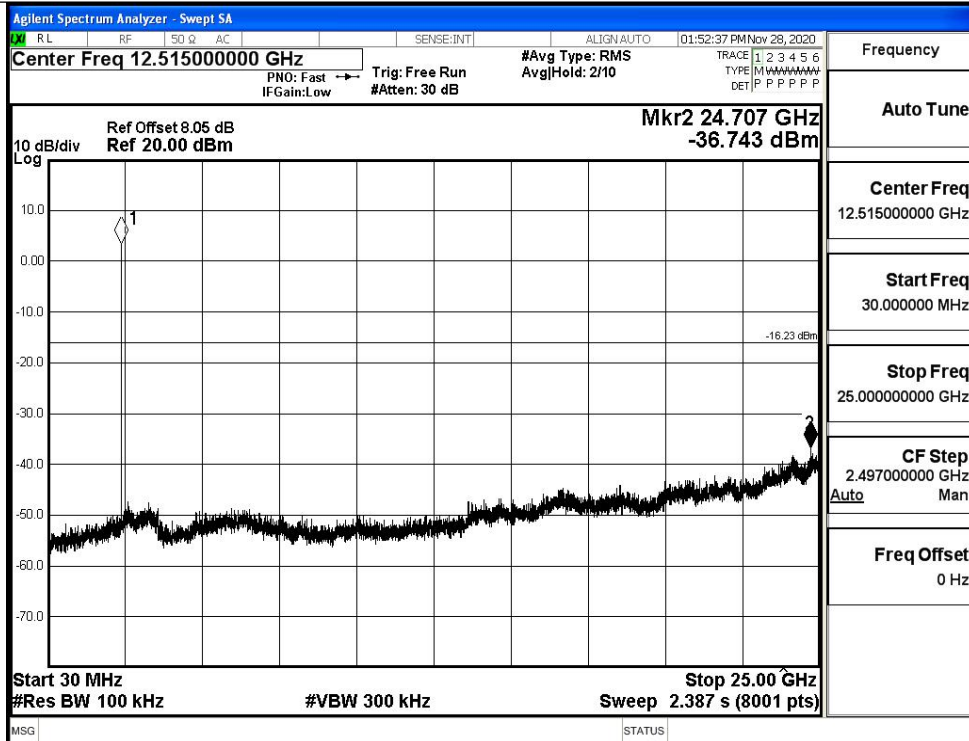
A.7 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	3.767	-36.743	-16.233	PASS
	MCH	4.007	-36.986	-15.993	PASS
	HCH	3.361	-38.265	-16.639	PASS
$\pi/4$ DQPSK	LCH	3.458	-37.520	-16.542	PASS
	MCH	3.83	-36.614	-16.170	PASS
	HCH	3.319	-38.027	-16.681	PASS
8DPSK	LCH	3.419	-37.723	-16.581	PASS
	MCH	3.446	-36.765	-16.554	PASS
	HCH	3.669	-37.456	-16.331	PASS

GFSK LCH Graphs

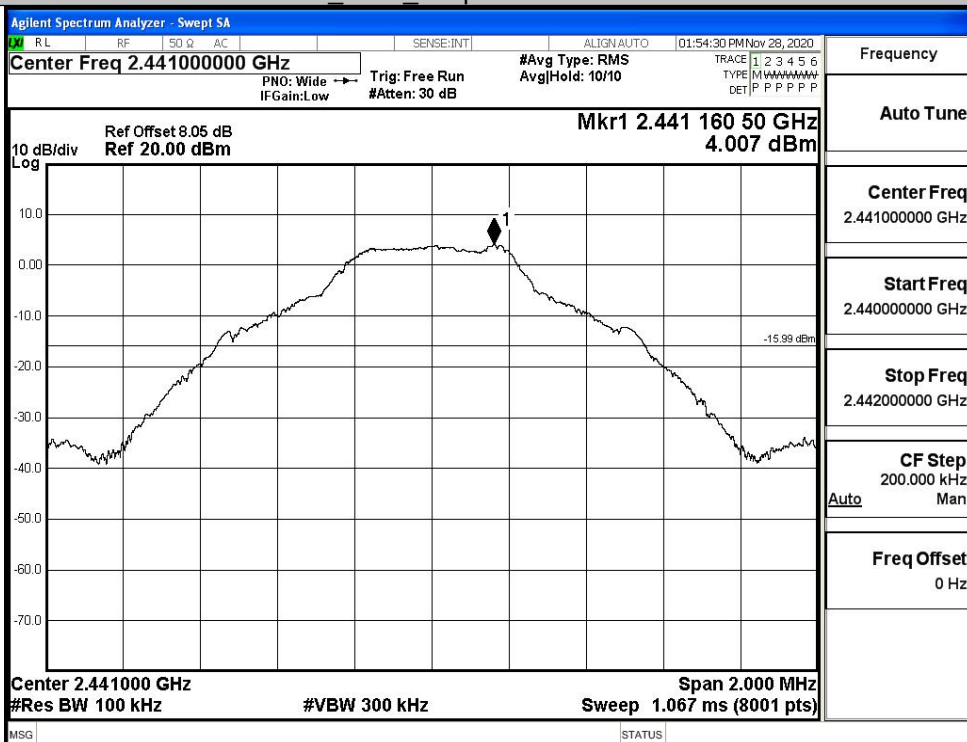
Pref



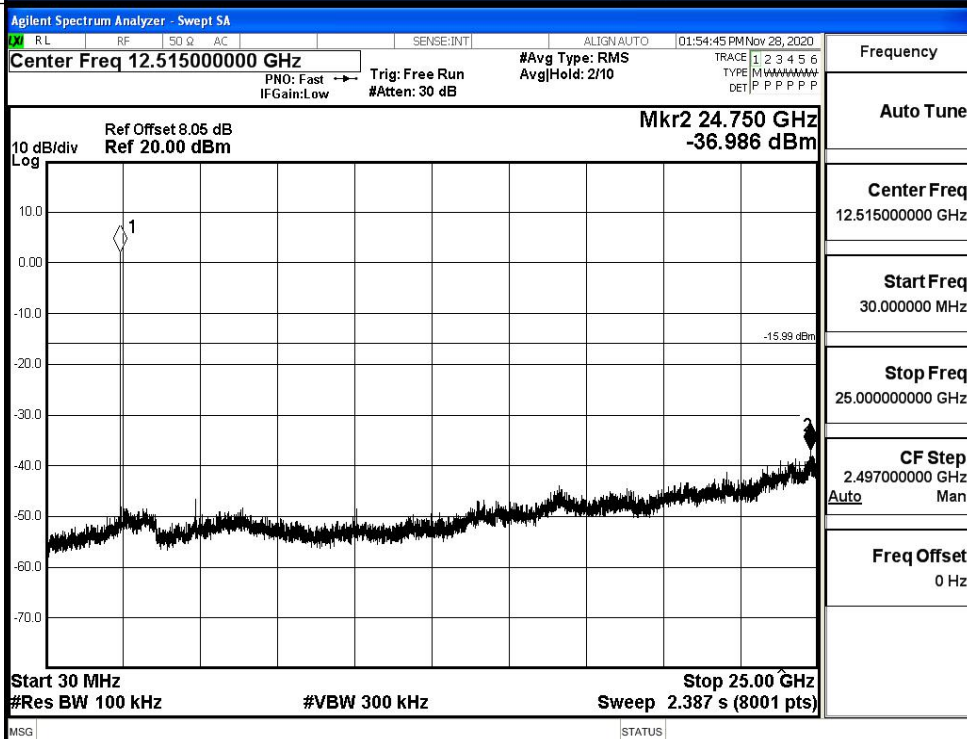
P_u

GFSK_MCH_Graphs

Pref

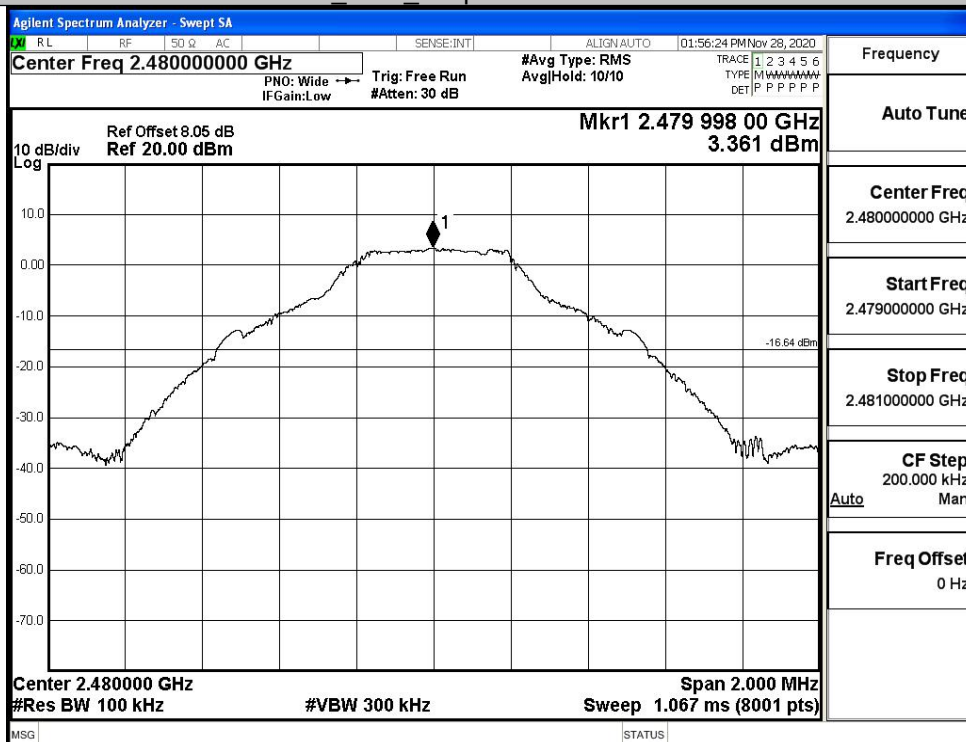


Puw

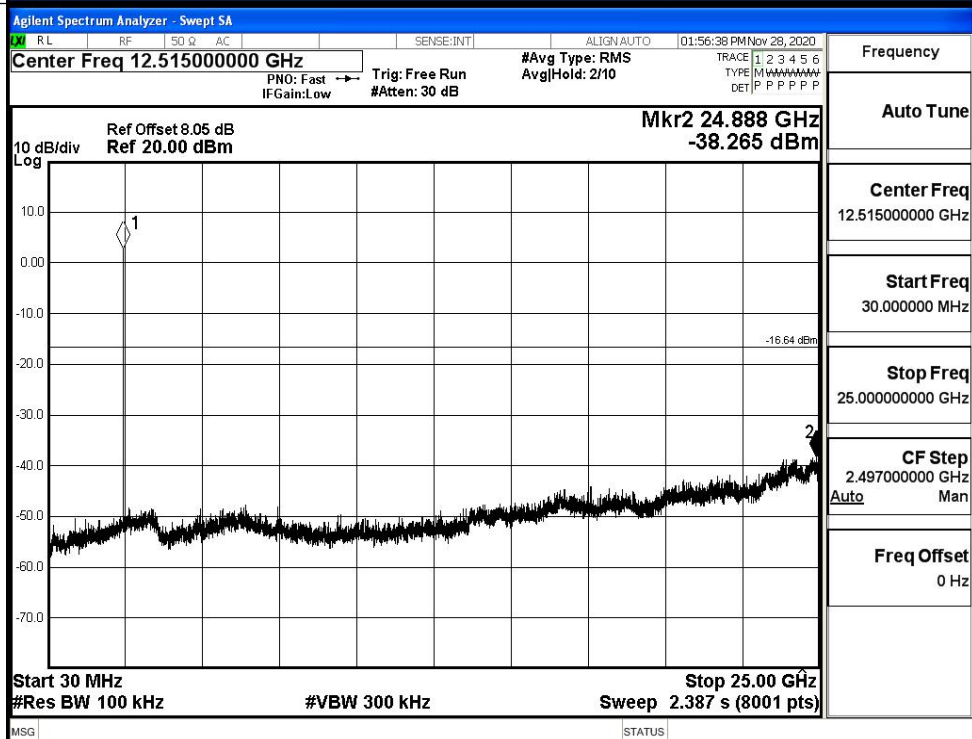


GFSK HCH_Graphs

Pref

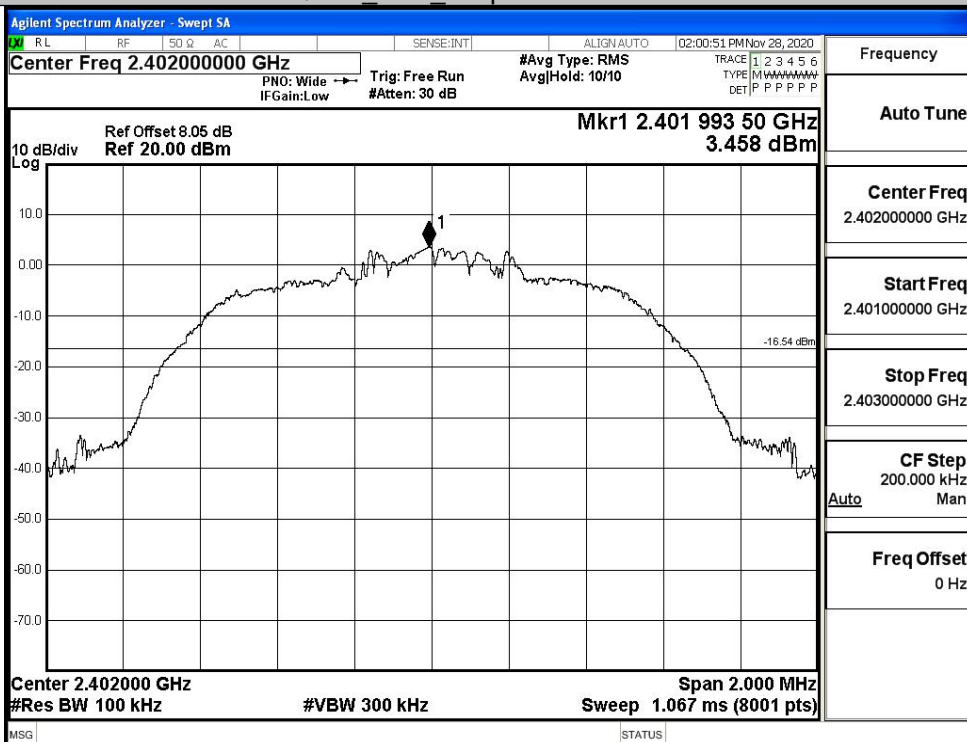


Puw

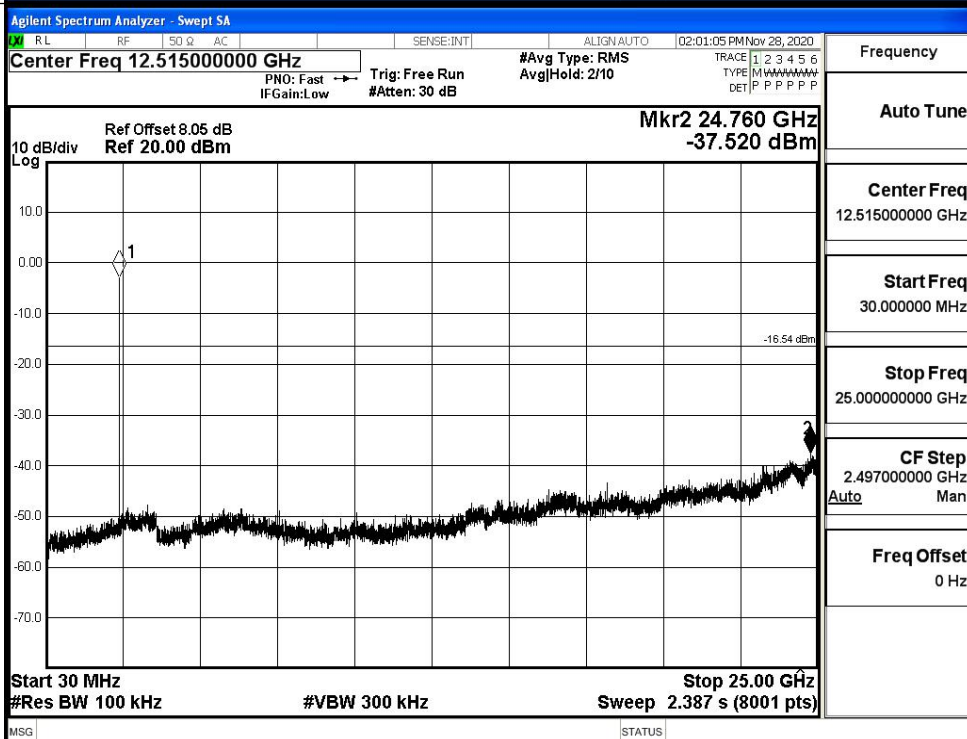


π /4DQPSK_LCH_Graphs

Pref

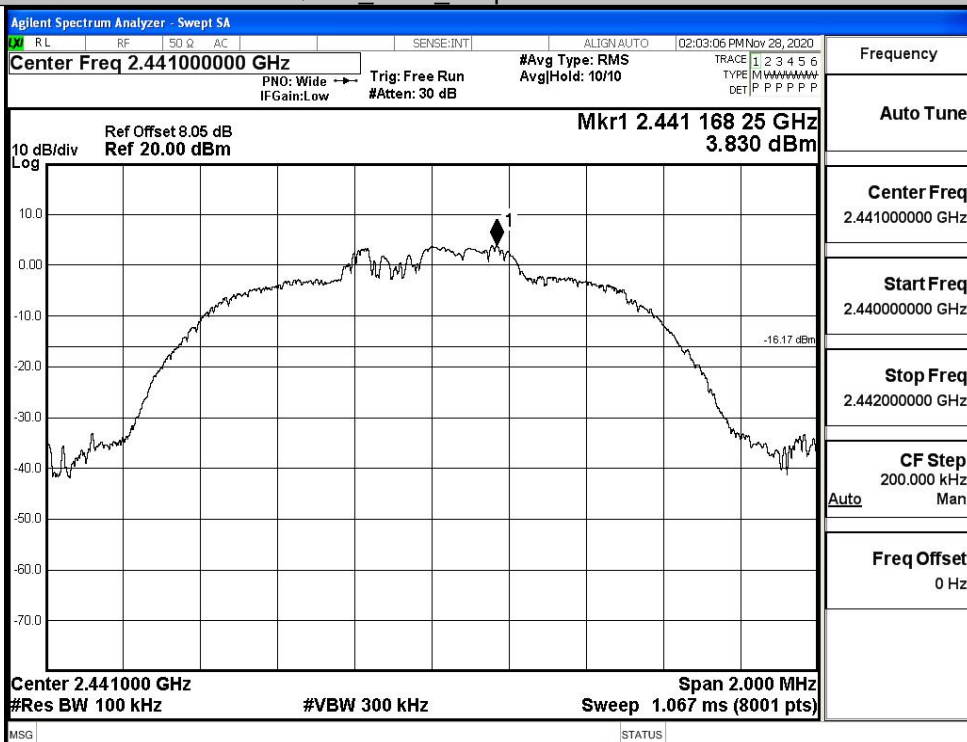


Puw



π /4DQPSK_MCH_Graphs

Pref

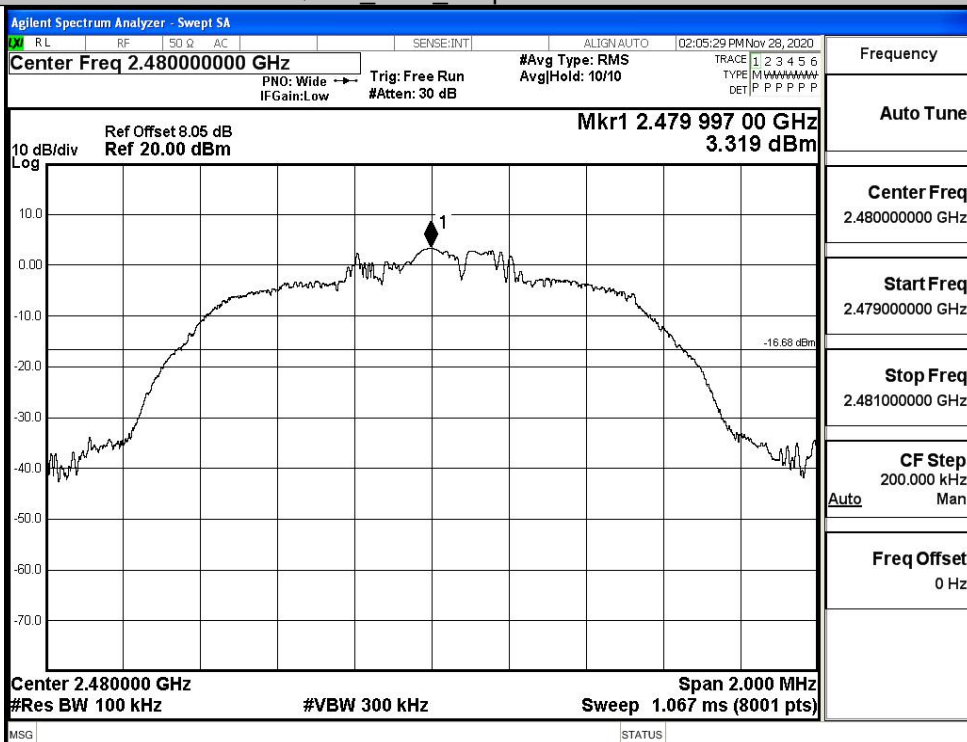


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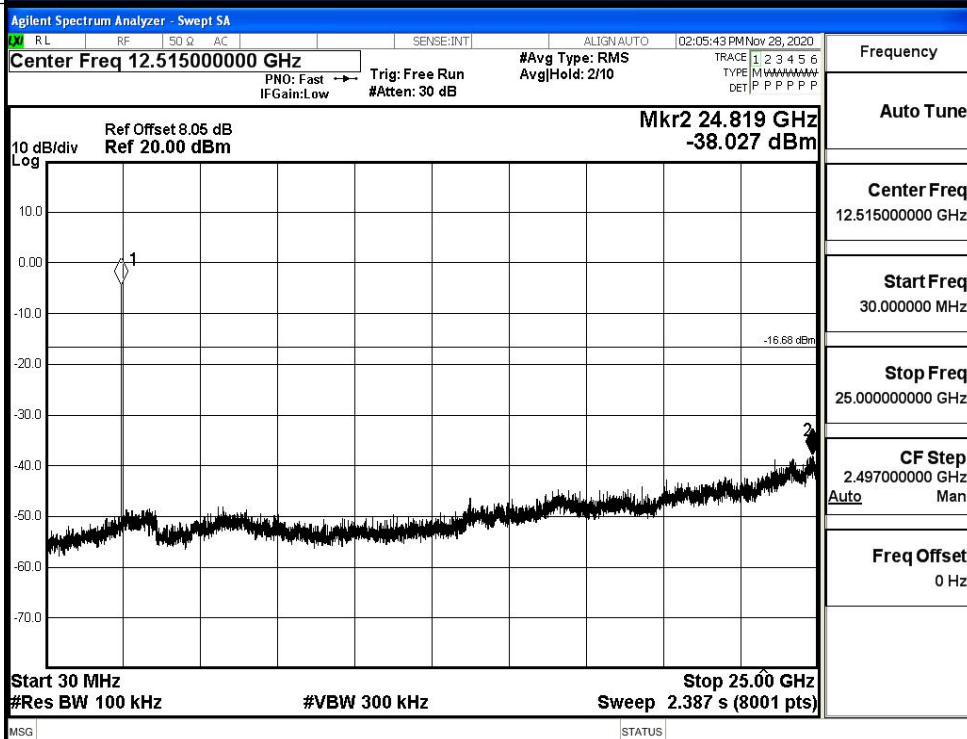


π /4DQPSK HCH_Graphs

Pref

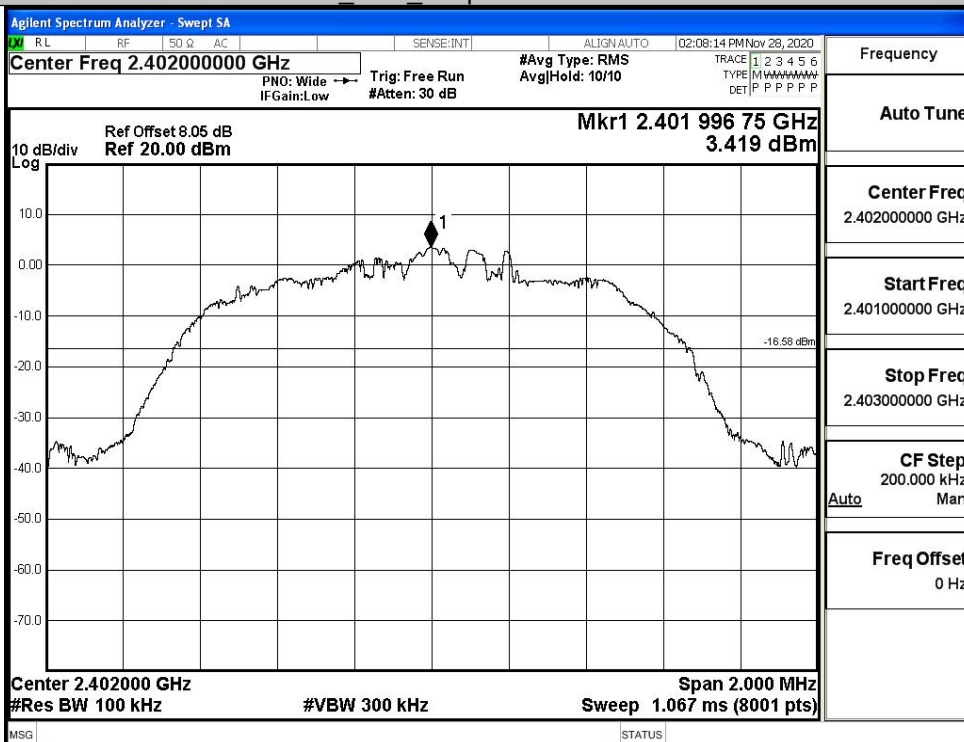


Puw

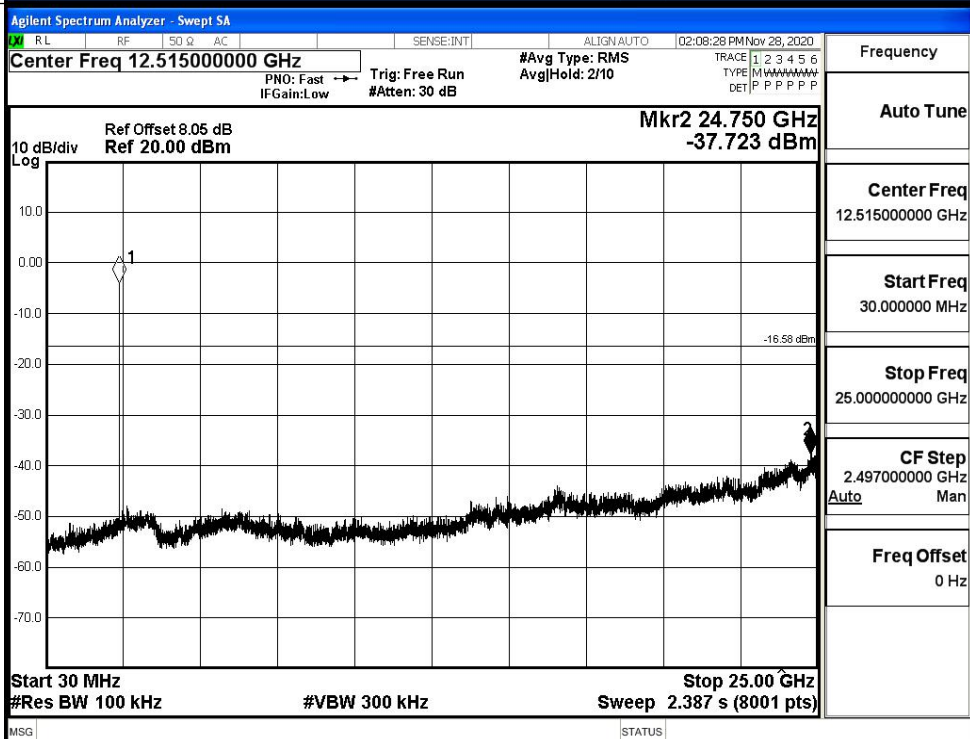


8DPSK_LCH_Graphs

Pref

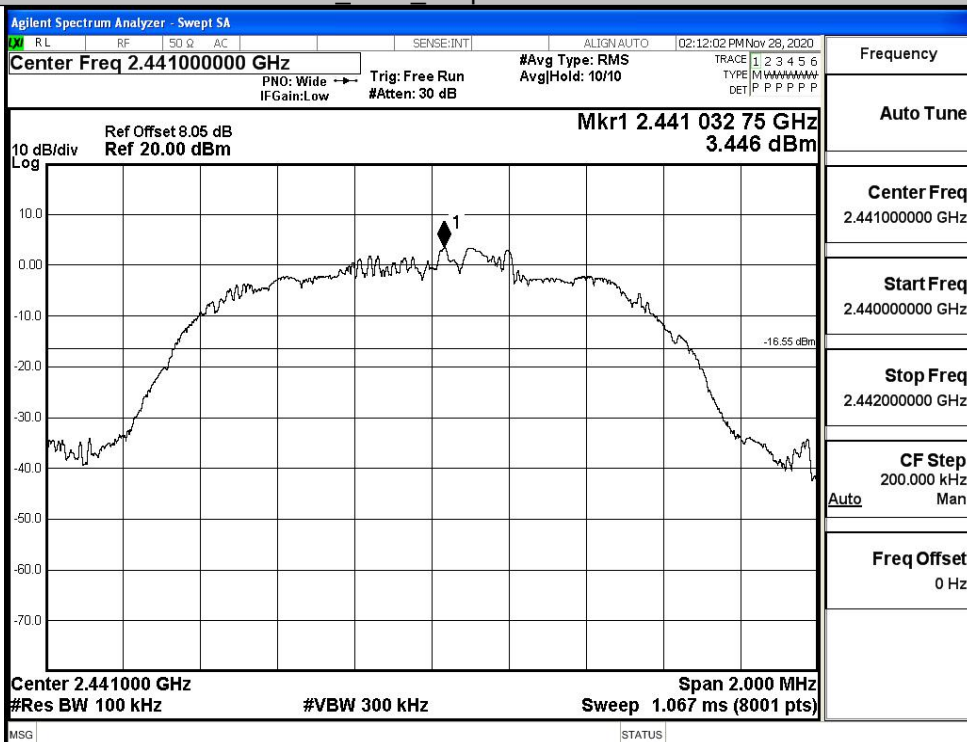


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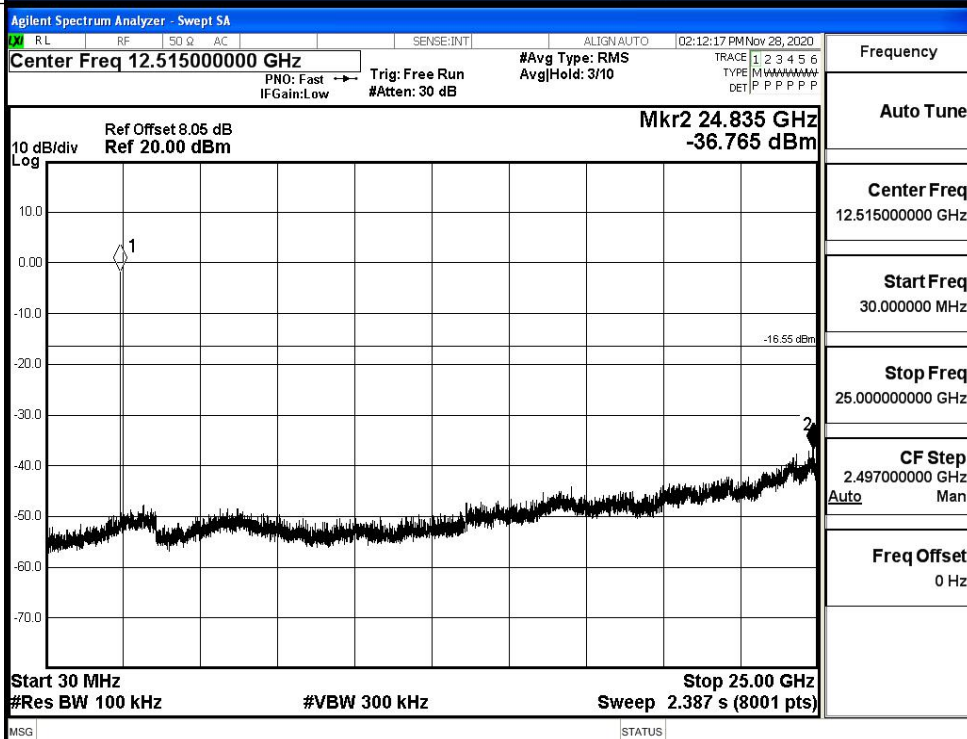


8DPSK_MCH_Graphs

Pref

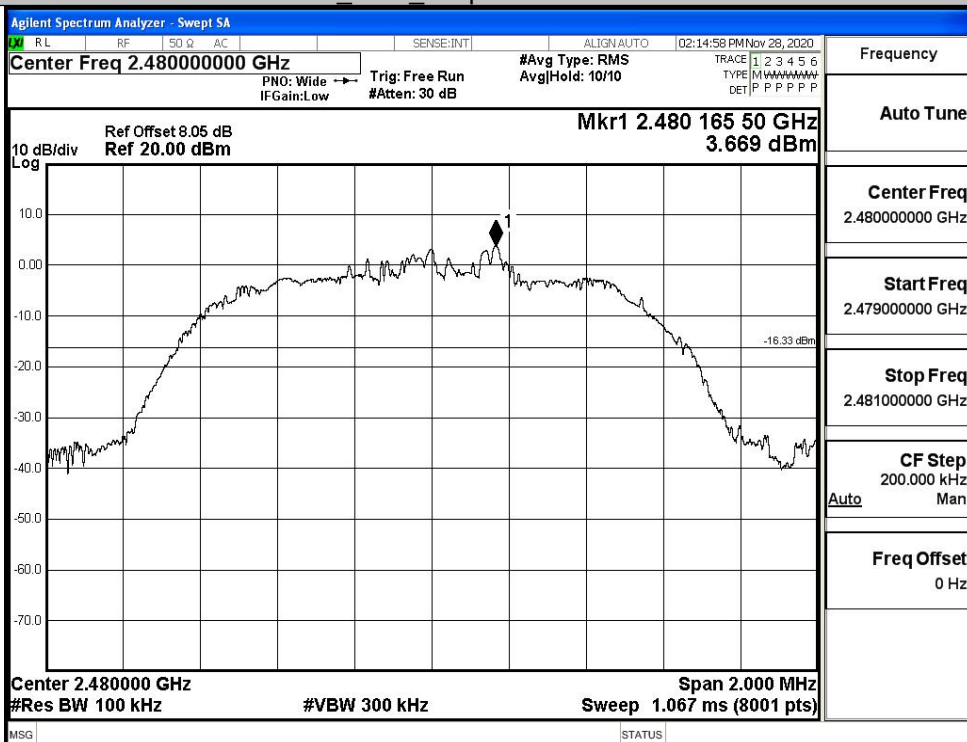


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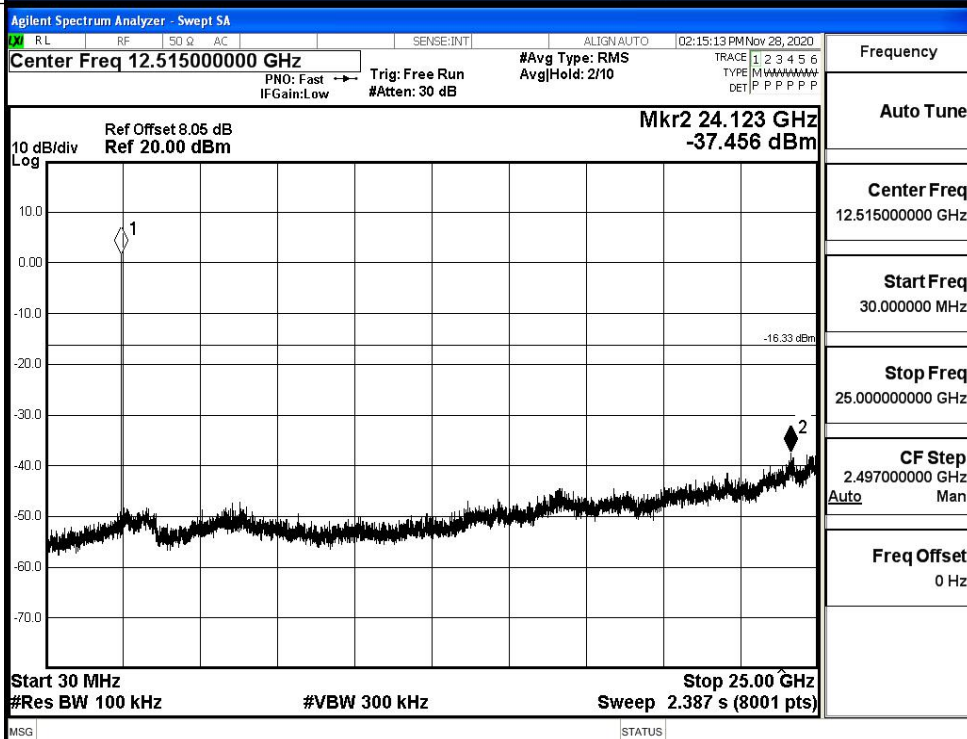


8DPSK_HCH_Graphs

Pref



Puw

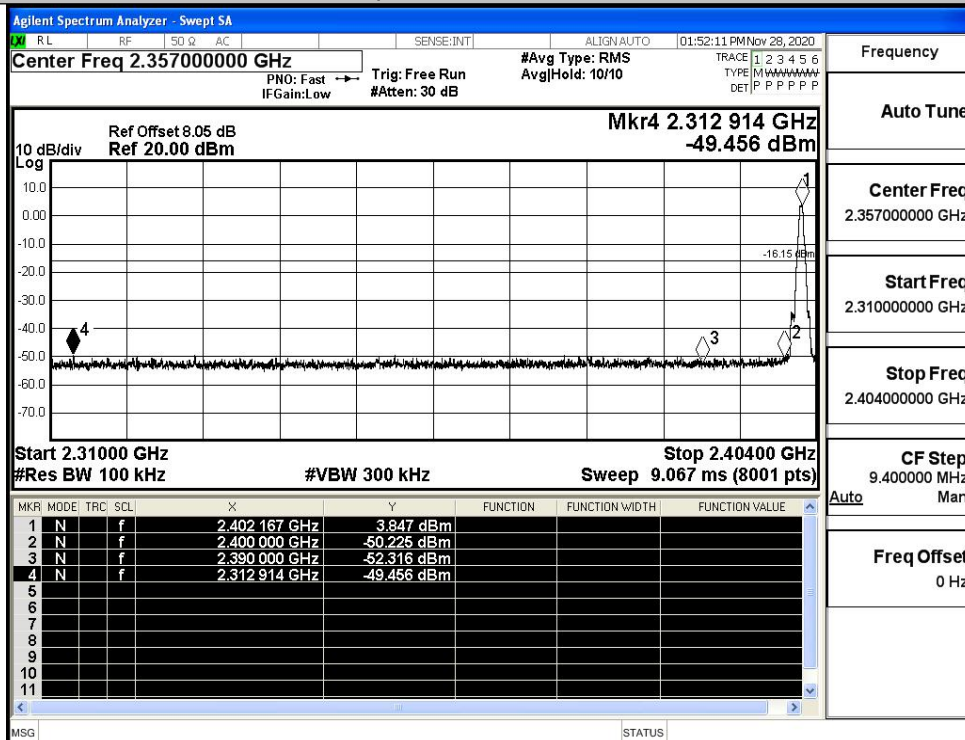


A.8 Band-edge for RF Conducted Emissions

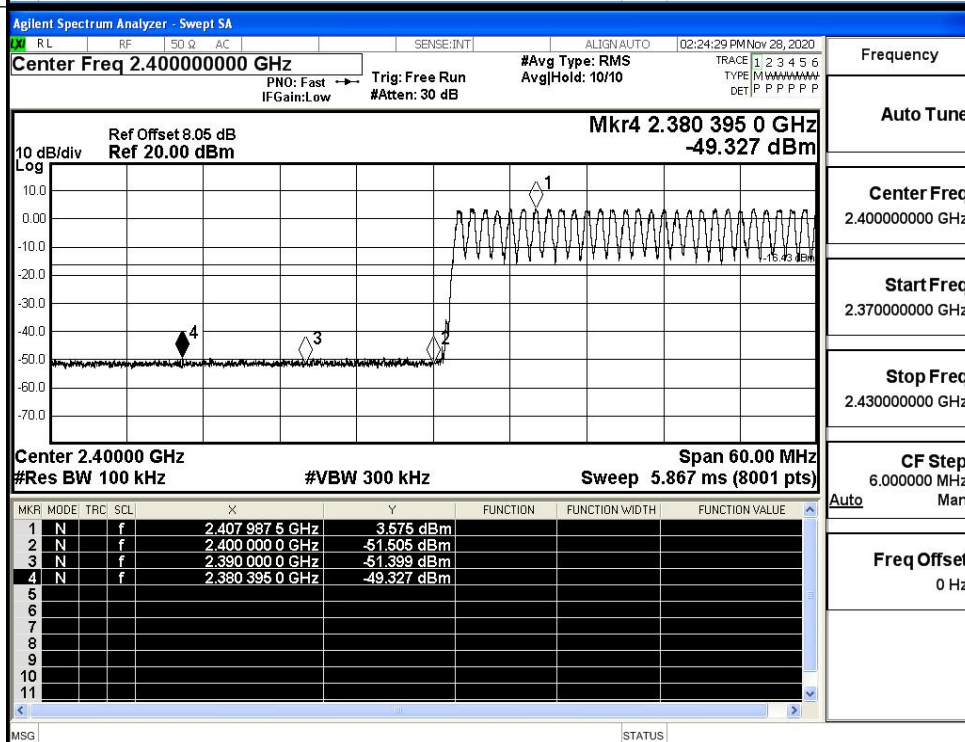
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	3.847	Off	-49.456	-16.15	PASS
			3.575	On	-49.327	-16.43	PASS
	HCH	2480	3.527	Off	-48.869	-16.47	PASS
			3.786	On	-48.613	-16.21	PASS
$\pi/4$ DQPSK	LCH	2402	3.772	Off	-48.766	-16.23	PASS
			3.882	On	-48.915	-16.12	PASS
	HCH	2480	3.396	Off	-48.527	-16.6	PASS
			3.762	On	-48.067	-16.24	PASS
8DPSK	LCH	2402	3.842	Off	-49.667	-16.16	PASS
			3.836	On	-48.715	-16.16	PASS
	HCH	2480	3.751	Off	-48.678	-16.25	PASS
			3.773	On	-47.062	-16.23	PASS

Test Graphs

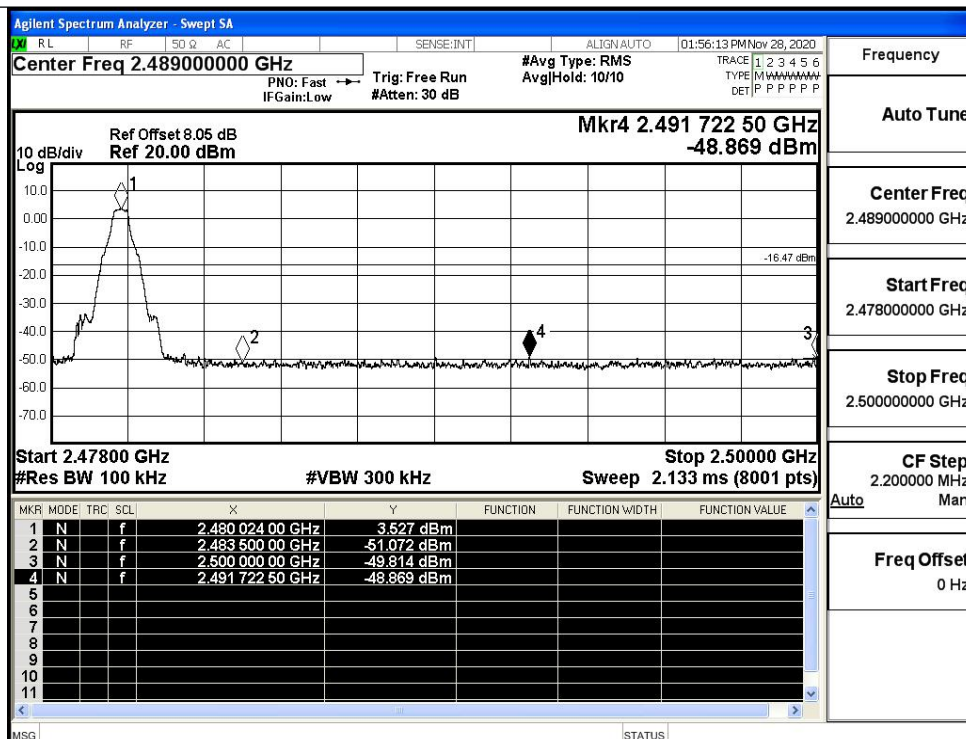
GFSK/LCH/No Hop



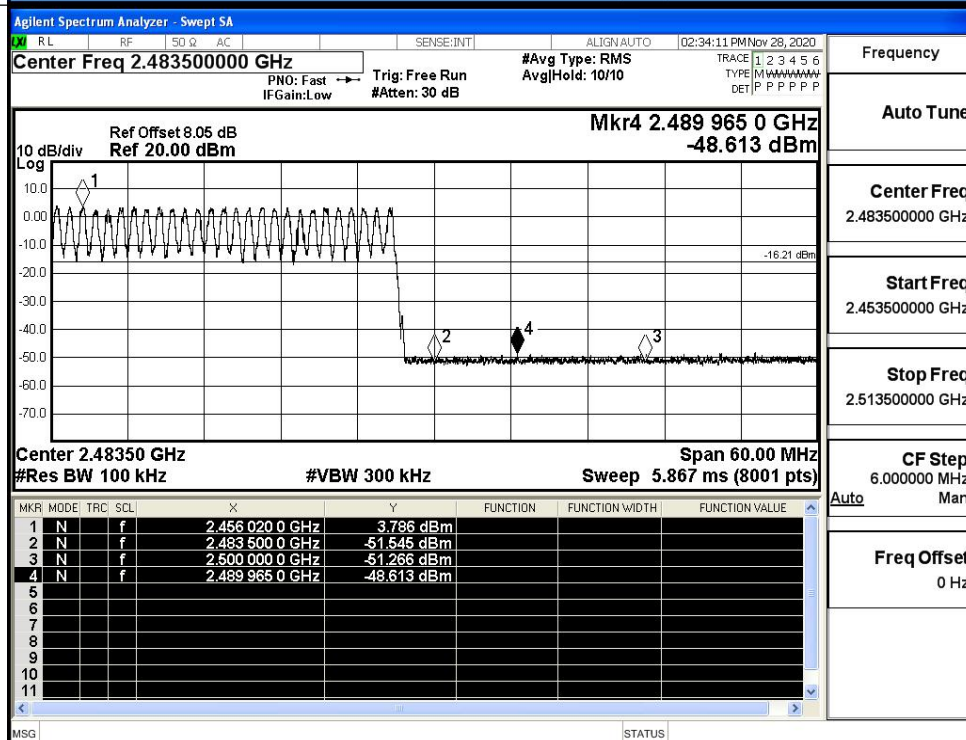
GFSK/LCH/Hop



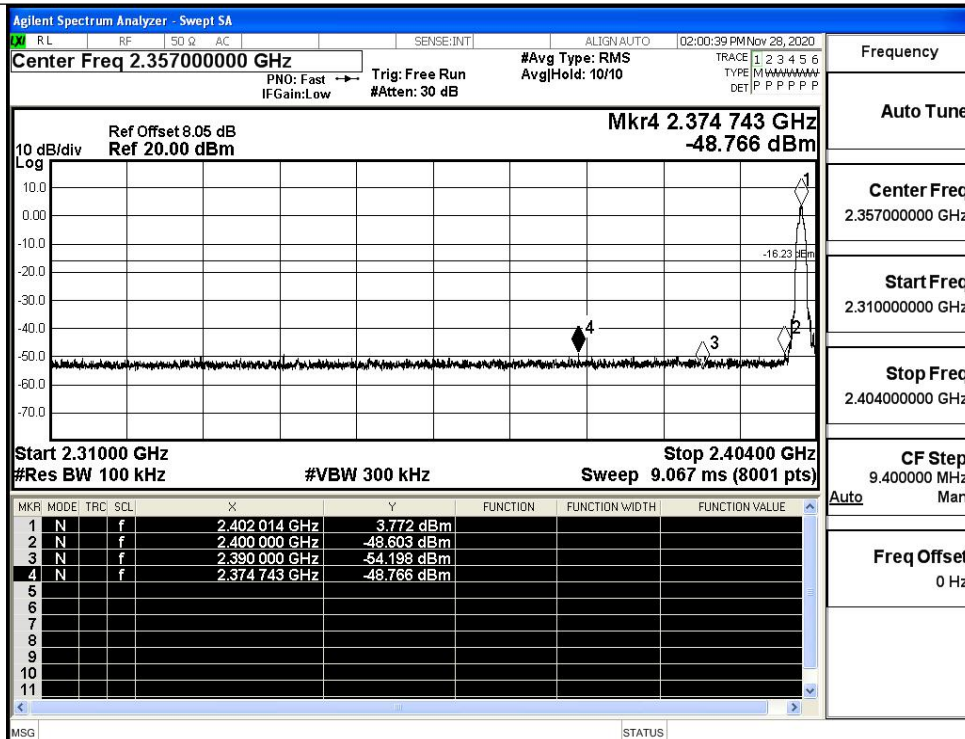
GFSK/HCH/No Hop



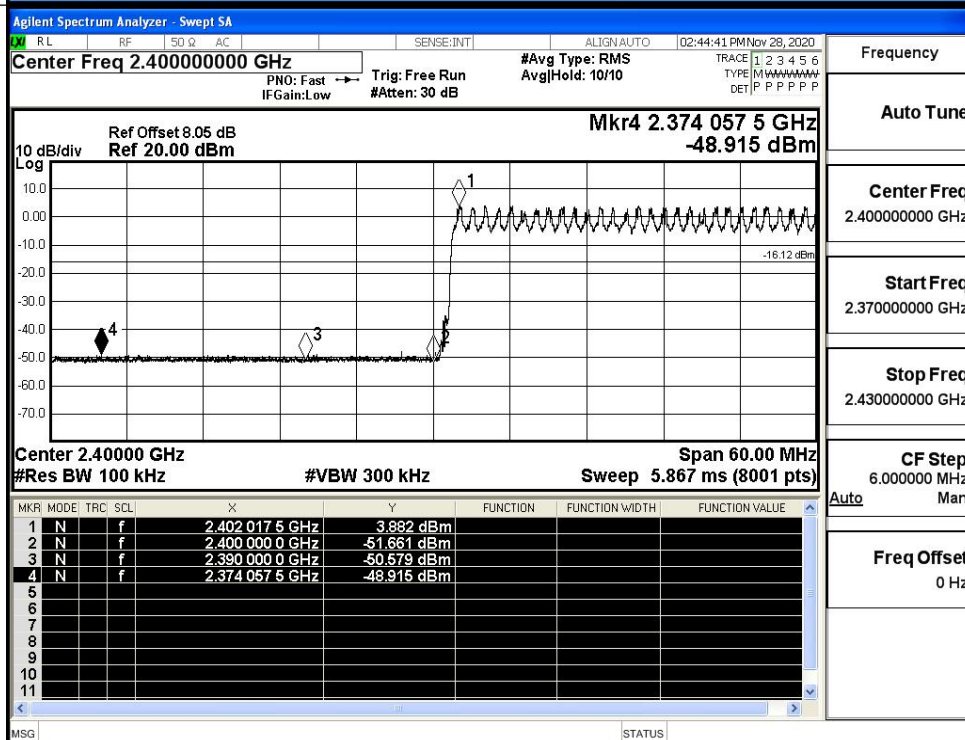
GFSK/HCH/Hop



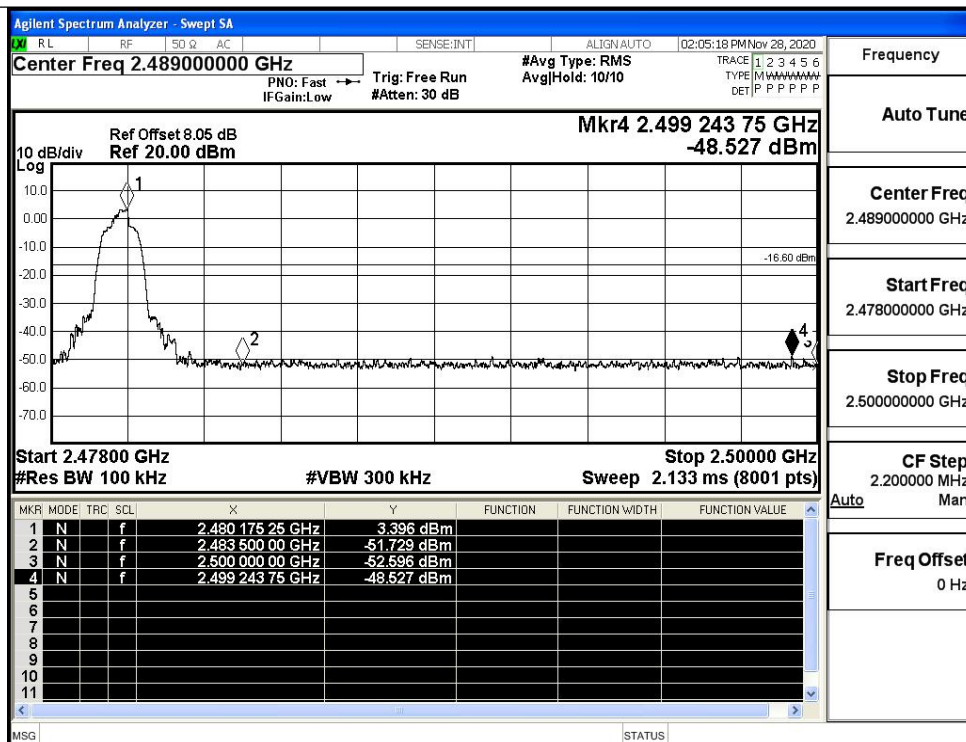
$\pi/4$ DQPSK/LCH/No
Hop



$\pi/4$ DQPSK/LCH/Hop



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

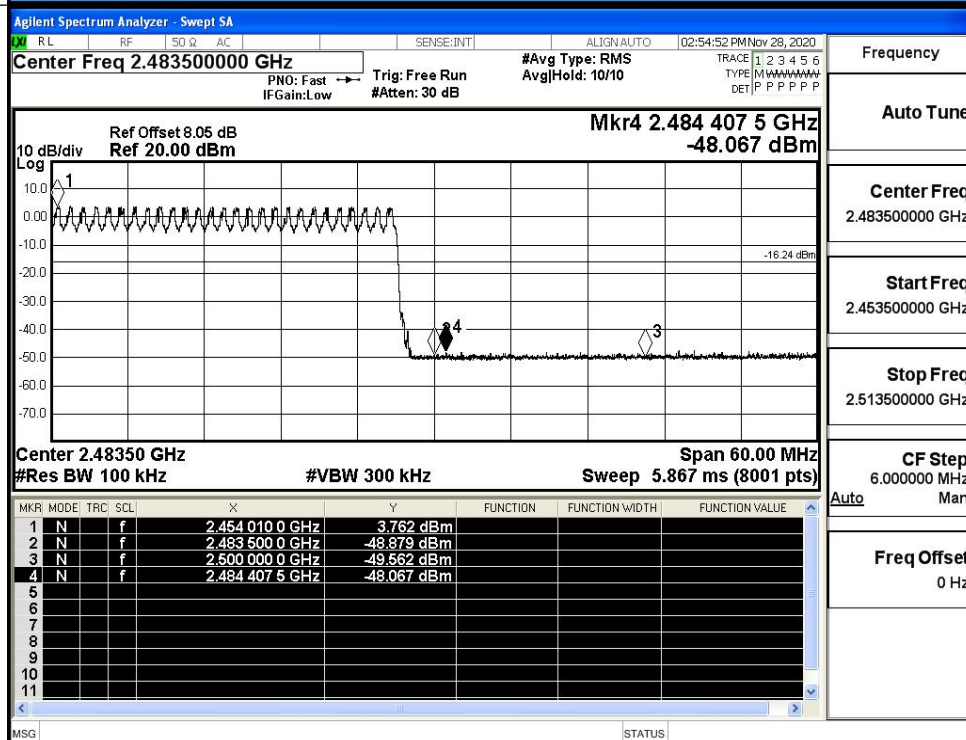


Frequency

Auto Tune

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

$\pi/4$ DQPSK/HCH/Hop

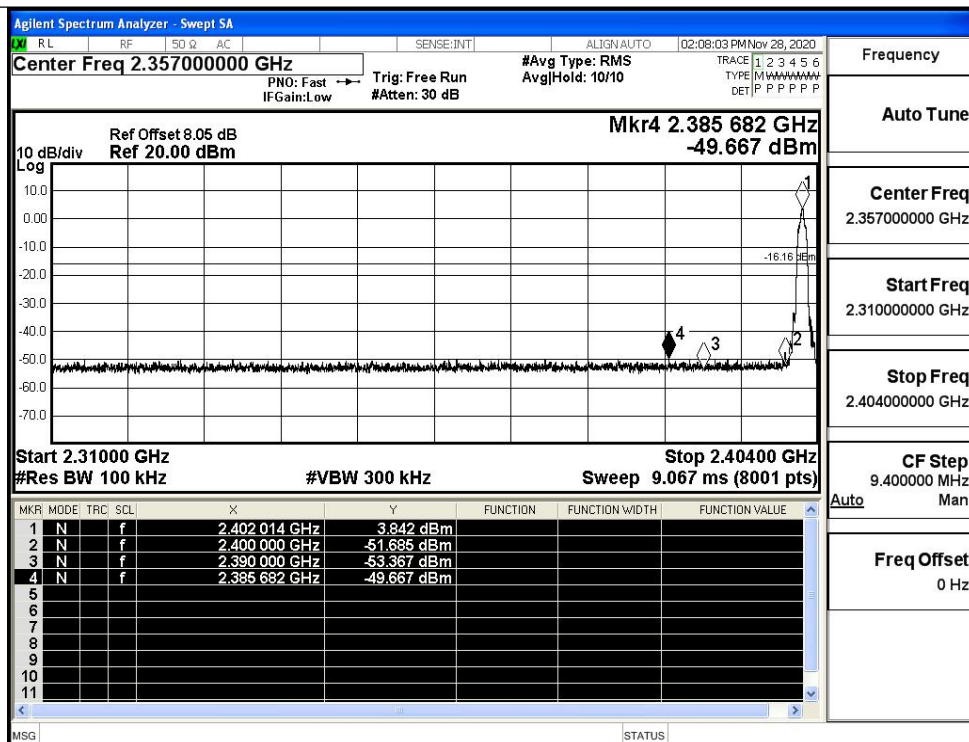


Frequency

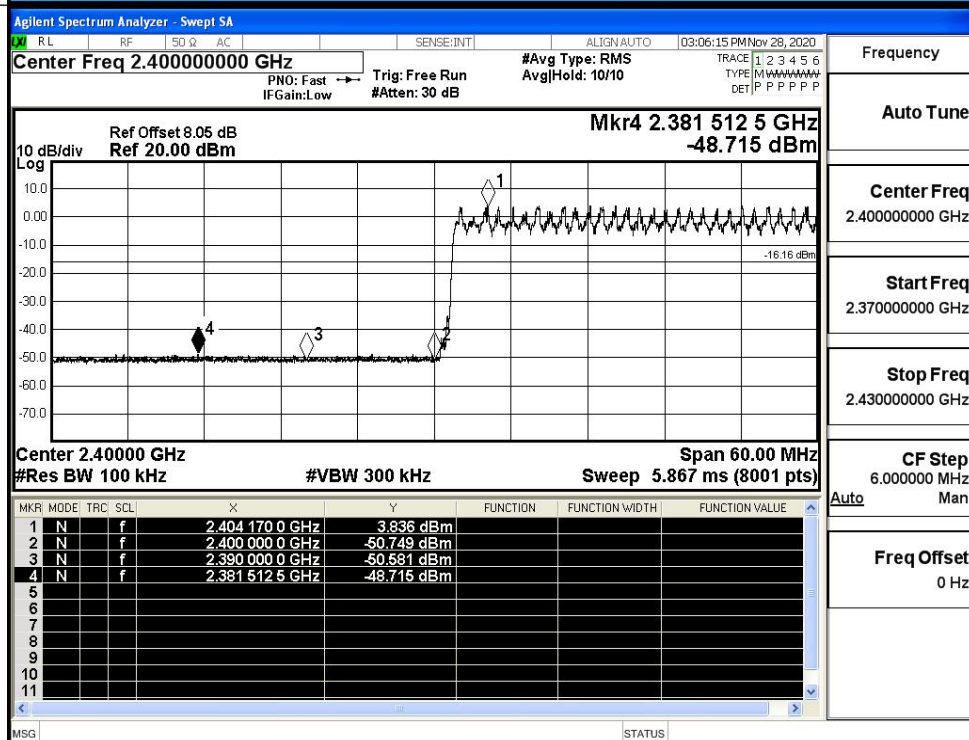
Auto Tune

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

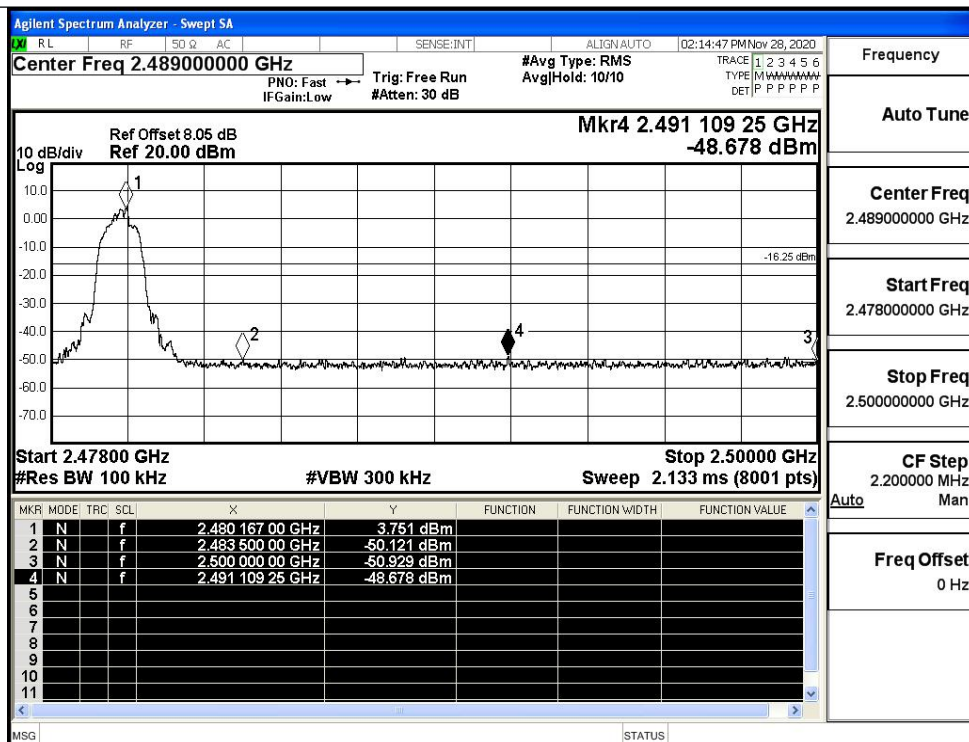
8DPSK/LCH/No Hop



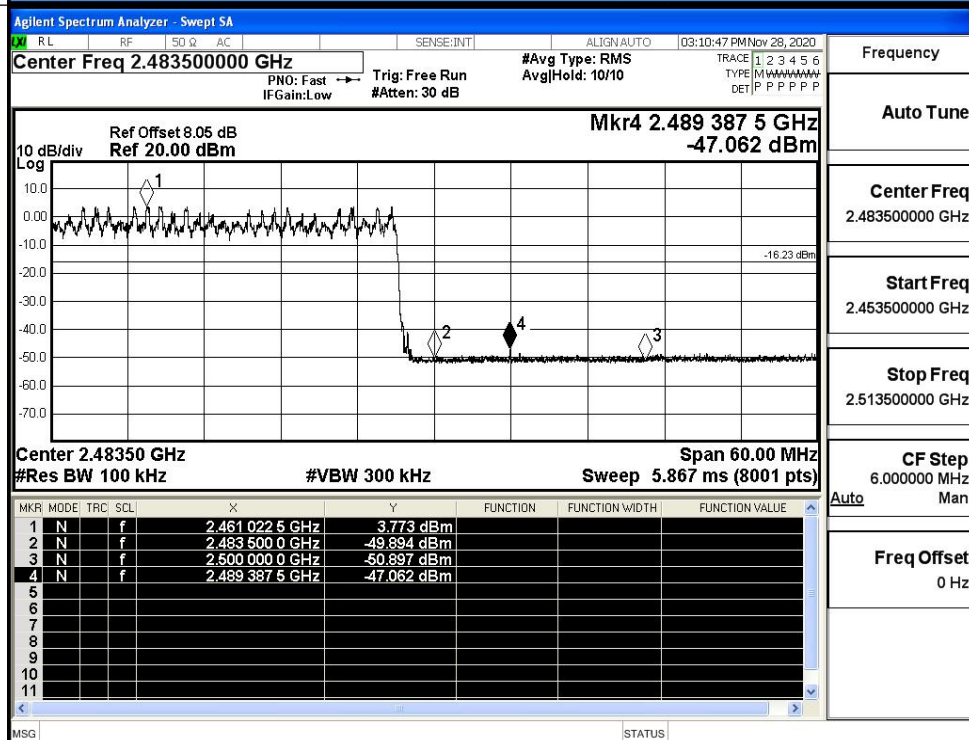
8DPSK/LCH/Hop



8DPSK/HCH/No Hop



8DPSK/HCH/Hop



A.9 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	-43.62	2.0	0	51.64	PEAK	74	PASS
	Off	2310.0	-53.28	2.0	0	41.98	AV	54	PASS
	Off	2390.0	-42.61	2.0	0	52.65	PEAK	74	PASS
	Off	2390.0	-52.89	2.0	0	42.37	AV	54	PASS
	Off	2483.5	-41.04	2.0	0	54.22	PEAK	74	PASS
	Off	2483.5	-52.15	2.0	0	43.11	AV	54	PASS
	Off	2500.0	-41.19	2.0	0	54.07	PEAK	74	PASS
	Off	2500.0	-52.29	2.0	0	42.97	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-42.43	2.0	0	52.83	PEAK	74	PASS
	Off	2310.0	-53.40	2.0	0	41.86	AV	54	PASS
	Off	2390.0	-42.69	2.0	0	52.56	PEAK	74	PASS
	Off	2390.0	-52.91	2.0	0	42.35	AV	54	PASS
	Off	2483.5	-41.62	2.0	0	53.64	PEAK	74	PASS
	Off	2483.5	-52.25	2.0	0	43.01	AV	54	PASS
	Off	2500.0	-42.73	2.0	0	52.53	PEAK	74	PASS
	Off	2500.0	-52.29	2.0	0	42.97	AV	54	PASS
8DPSK	Off	2310.0	-42.35	2.0	0	52.91	PEAK	74	PASS
	Off	2310.0	-53.28	2.0	0	41.97	AV	54	PASS
	Off	2390.0	-41.97	2.0	0	53.29	PEAK	74	PASS
	Off	2390.0	-52.76	2.0	0	42.50	AV	54	PASS
	Off	2483.5	-40.20	2.0	0	55.06	PEAK	74	PASS
	Off	2483.5	-52.32	2.0	0	42.94	AV	54	PASS
	Off	2500.0	-40.04	2.0	0	55.22	PEAK	74	PASS
	Off	2500.0	-52.24	2.0	0	43.02	AV	54	PASS