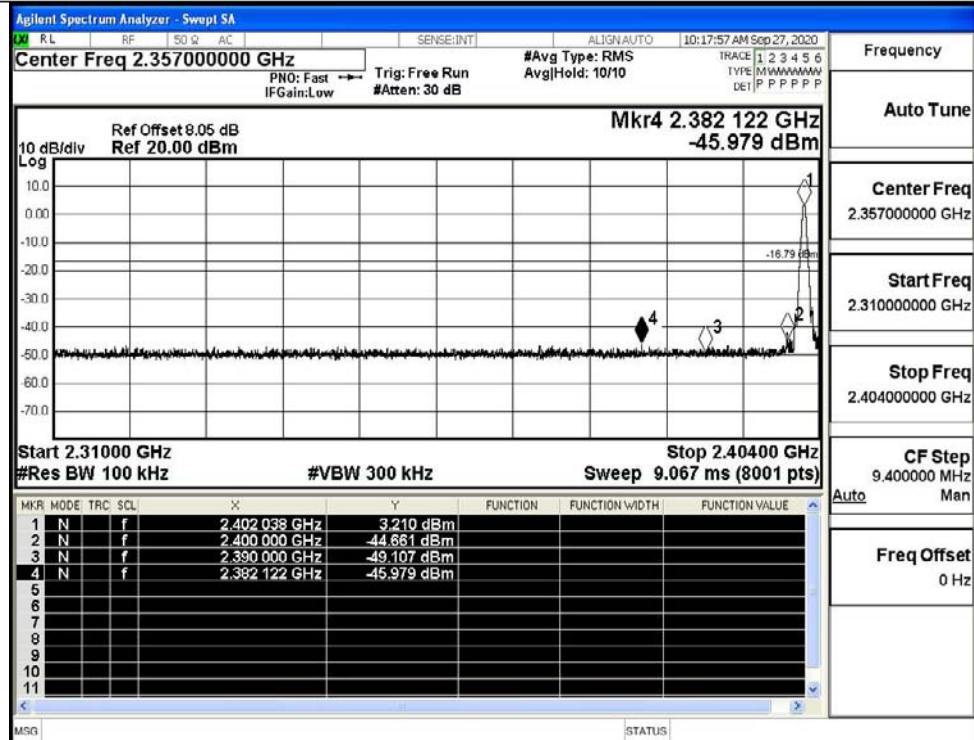


A.7 Band-edge for RF Conducted Emissions

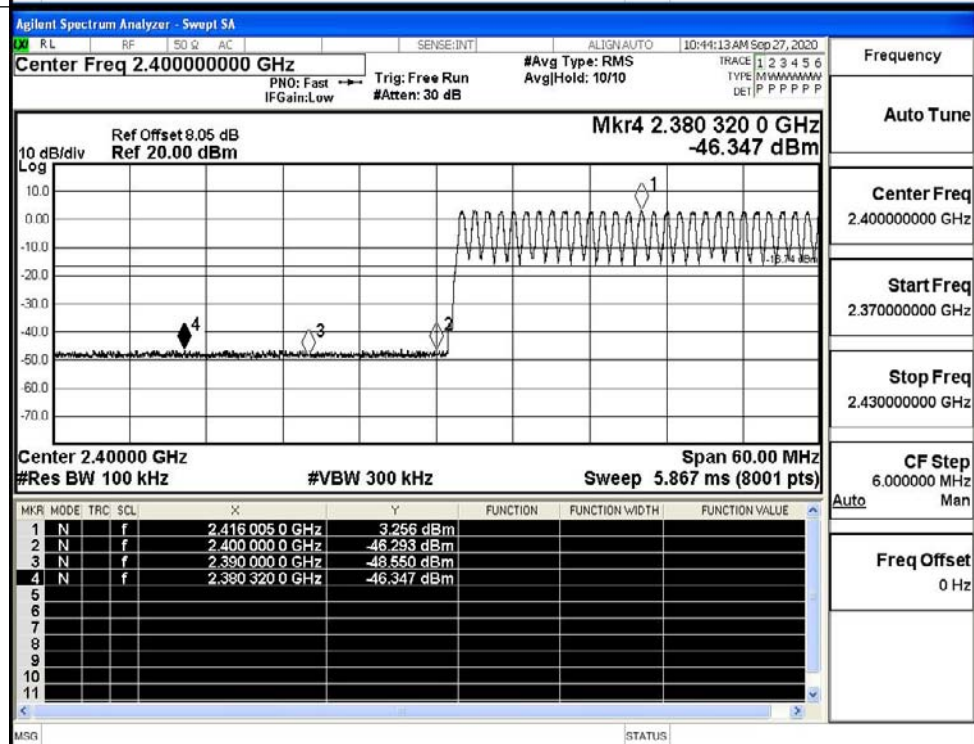
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	3.210	Off	-45.979	-16.79	PASS
			3.256	On	-46.347	-16.74	PASS
	HCH	2480	2.282	Off	-45.594	-17.72	PASS
			2.609	On	-44.641	-17.39	PASS
$\pi/4$ DQPSK	LCH	2402	-1.232	Off	-46.274	-21.23	PASS
			3.622	On	-45.157	-16.38	PASS
	HCH	2480	2.119	Off	-45.396	-17.88	PASS
			2.634	On	-44.108	-17.37	PASS
8DPSK	LCH	2402	1.478	Off	-45.876	-18.52	PASS
			3.250	On	-45.832	-16.75	PASS
	HCH	2480	2.113	Off	-45.880	-17.89	PASS
			2.751	On	-44.544	-17.25	PASS

Test Graphs

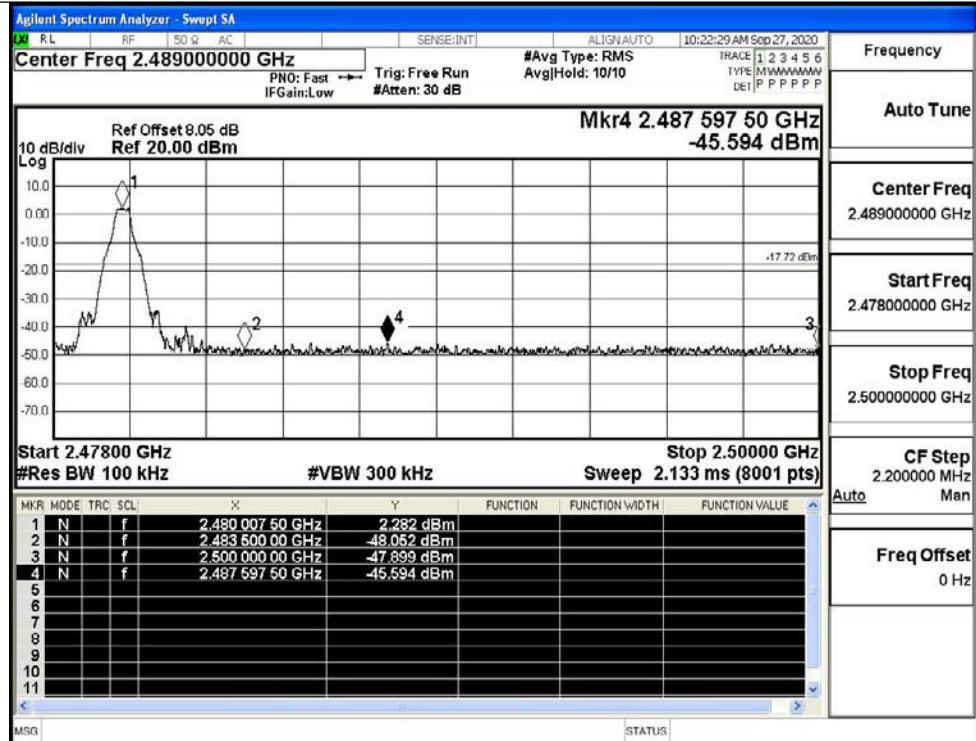
GFSK/LCH/No Hop



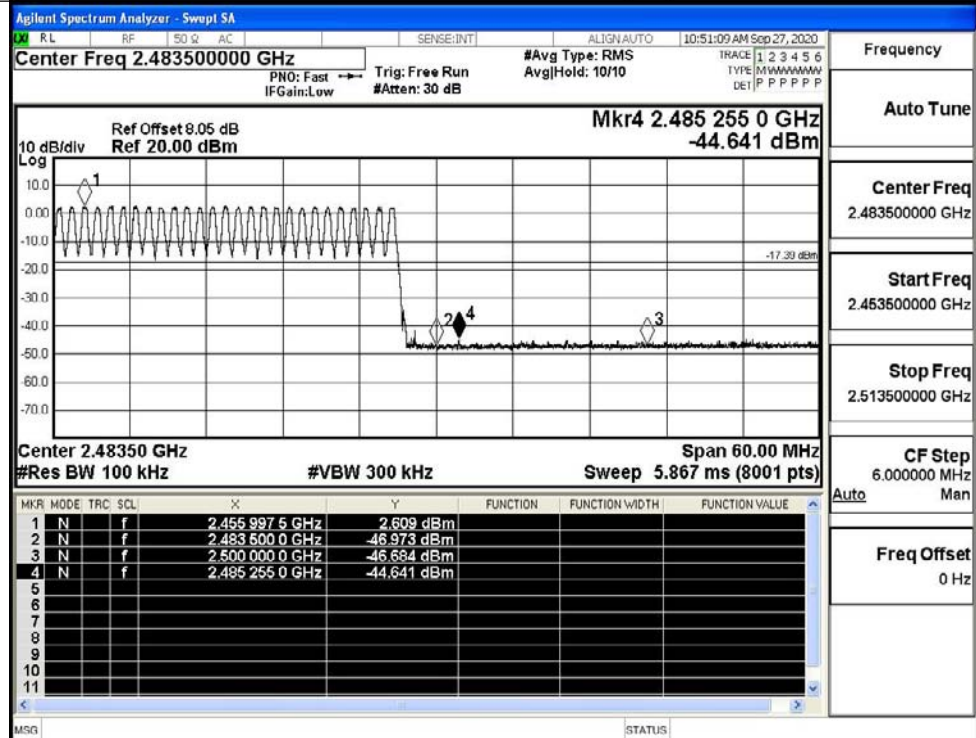
GFSK/LCH/Hop



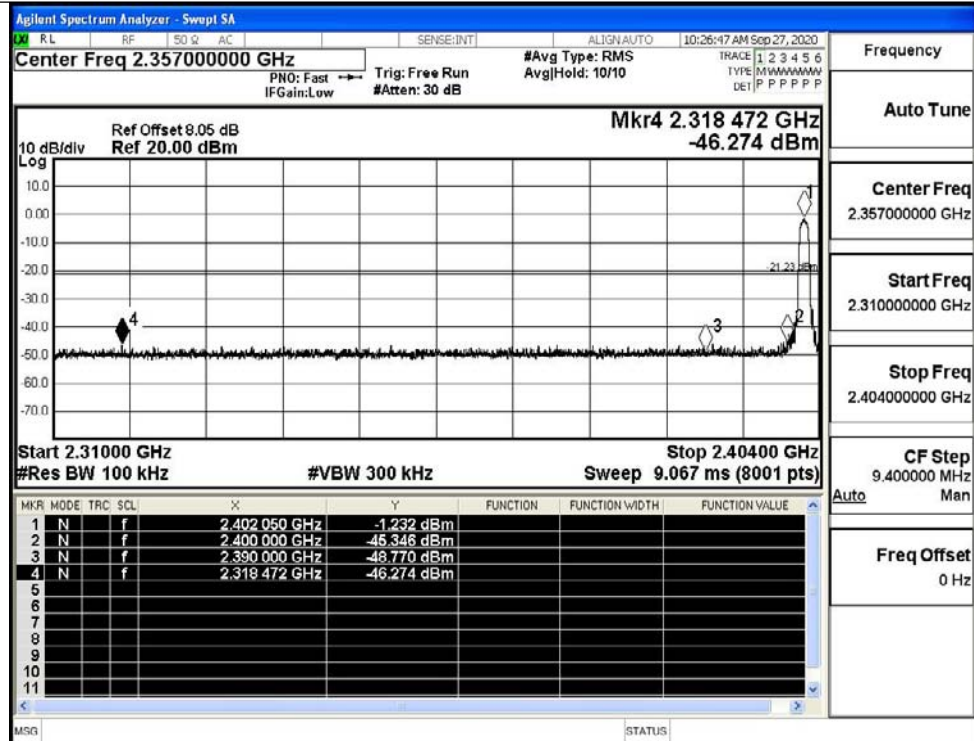
GFSK/HCH/No Hop



GFSK/HCH/Hop



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



Frequency

Auto Tune

Center Freq
2.357000000 GHz

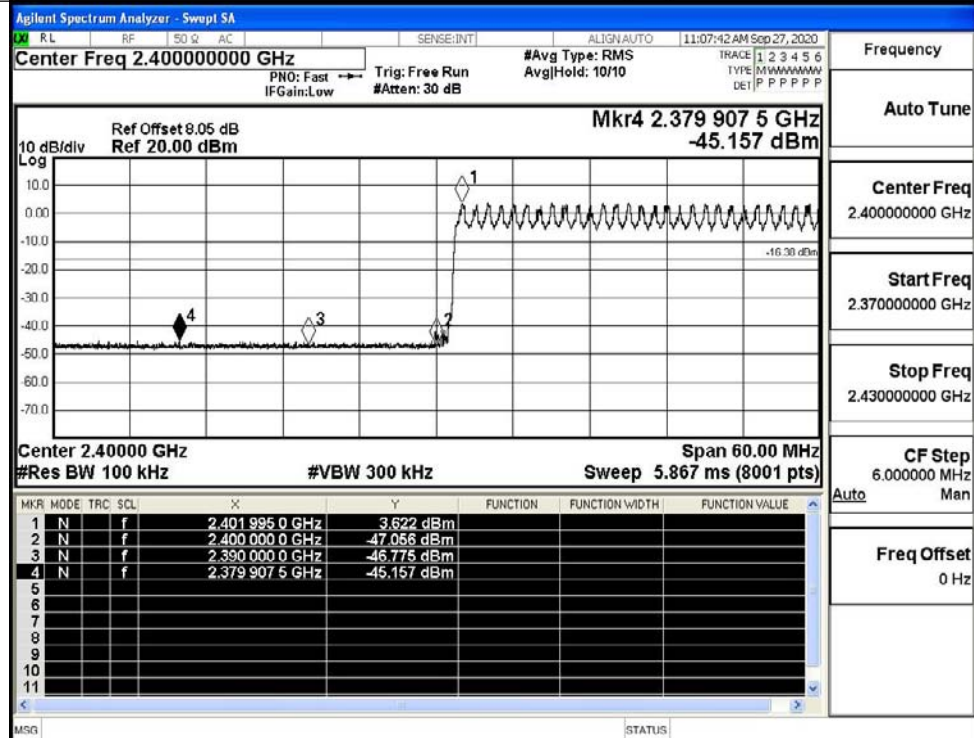
Start Freq
2.310000000 GHz

Stop Freq
2.404000000 GHz

CF Step
9.400000 MHz

Freq Offset
0 Hz

$\pi/4$ DQPSK/LCH/Hop



Frequency

Auto Tune

Center Freq
2.400000000 GHz

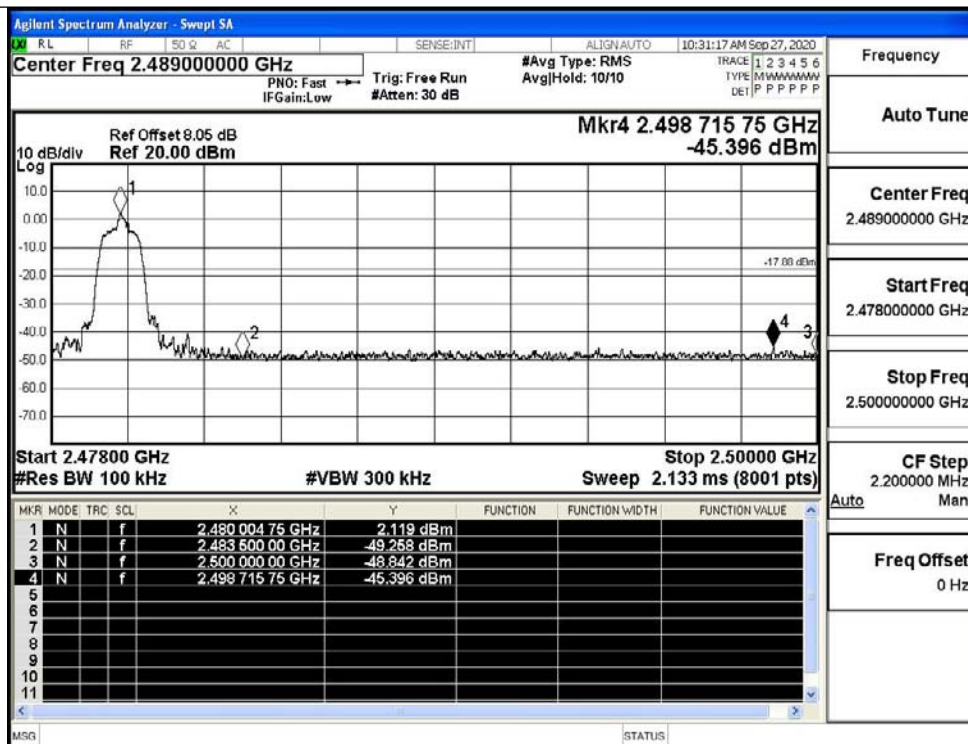
Start Freq
2.370000000 GHz

Stop Freq
2.430000000 GHz

CF Step
6.000000 MHz

Freq Offset
0 Hz

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

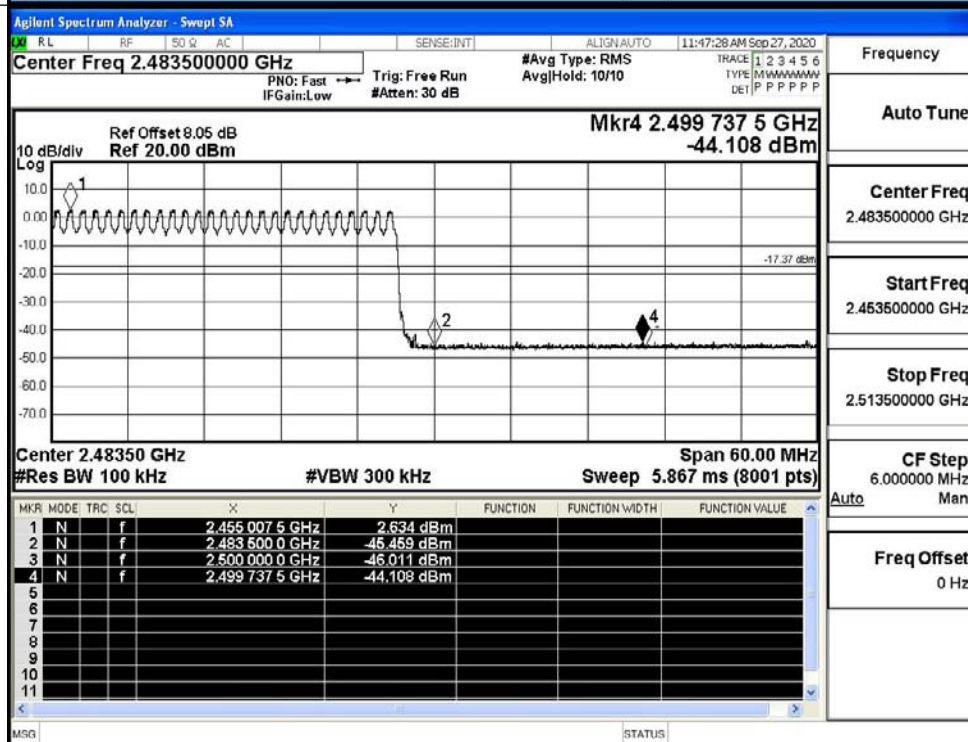


Frequency

Auto Tune

Center Freq
2.489000000 GHzStart Freq
2.478000000 GHzStop Freq
2.500000000 GHzCF Step
2.200000 MHzFreq Offset
0 Hz

$\pi/4$ DQPSK/HCH/Hop

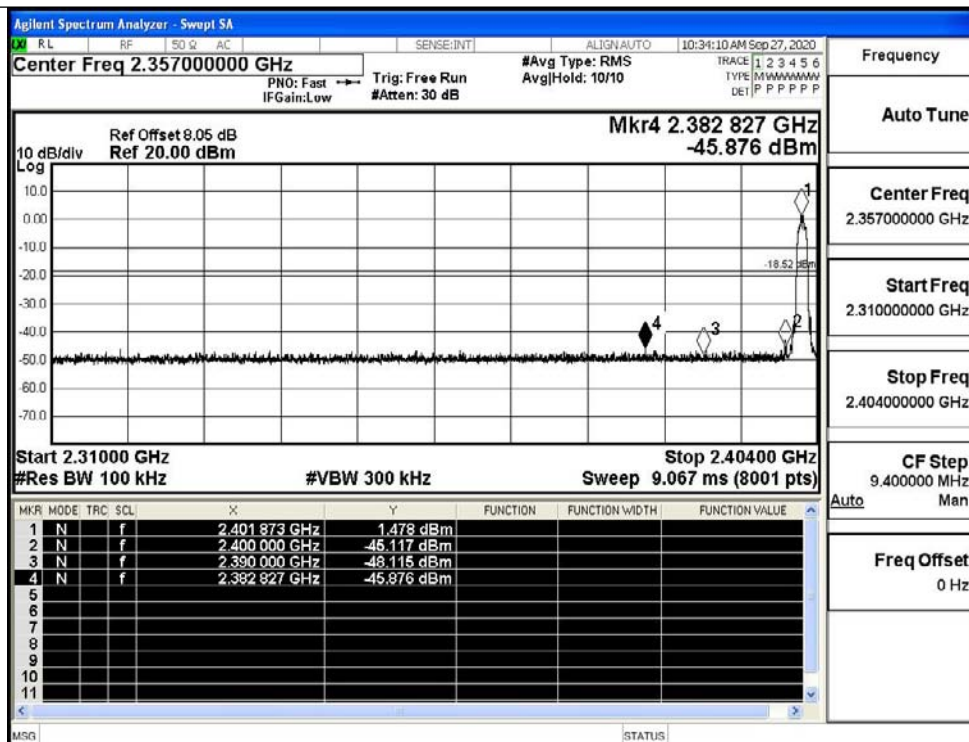


Frequency

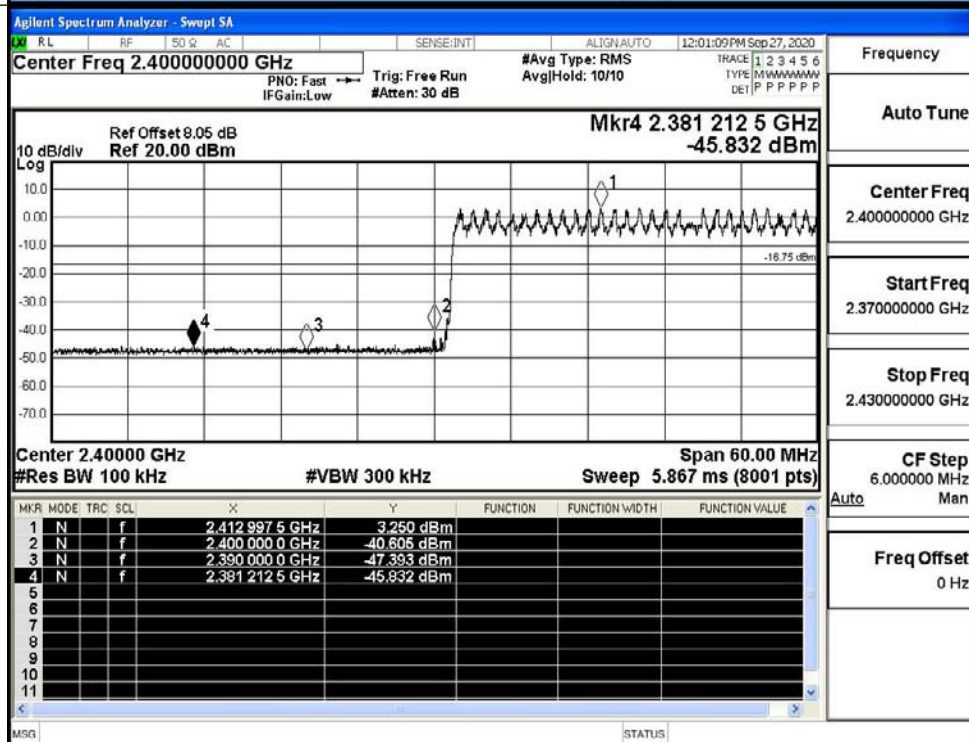
Auto Tune

Center Freq
2.483500000 GHzStart Freq
2.463500000 GHzStop Freq
2.513500000 GHzCF Step
6.000000 MHzFreq Offset
0 Hz

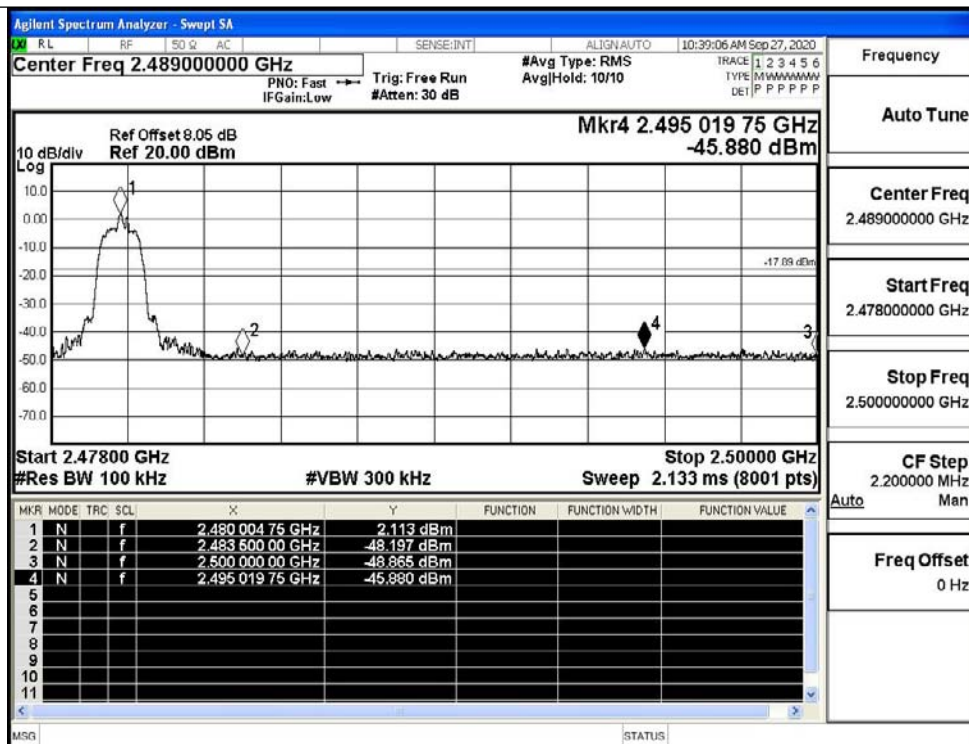
8DPSK/LCH/No Hop



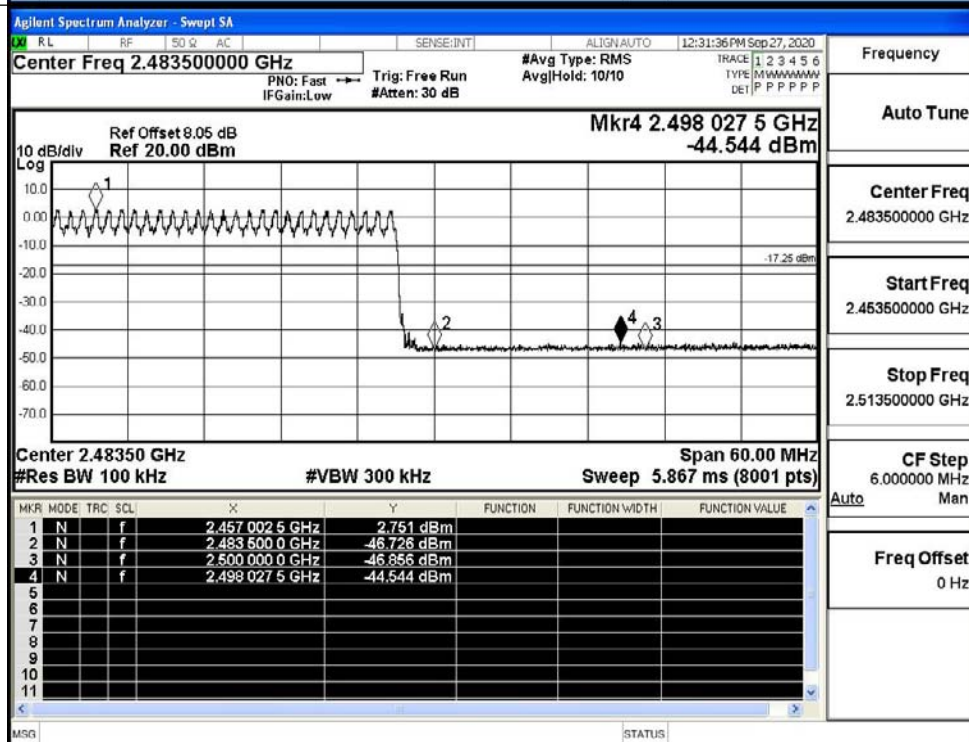
8DPSK/LCH/Hop



8DPSK/HCH/No Hop



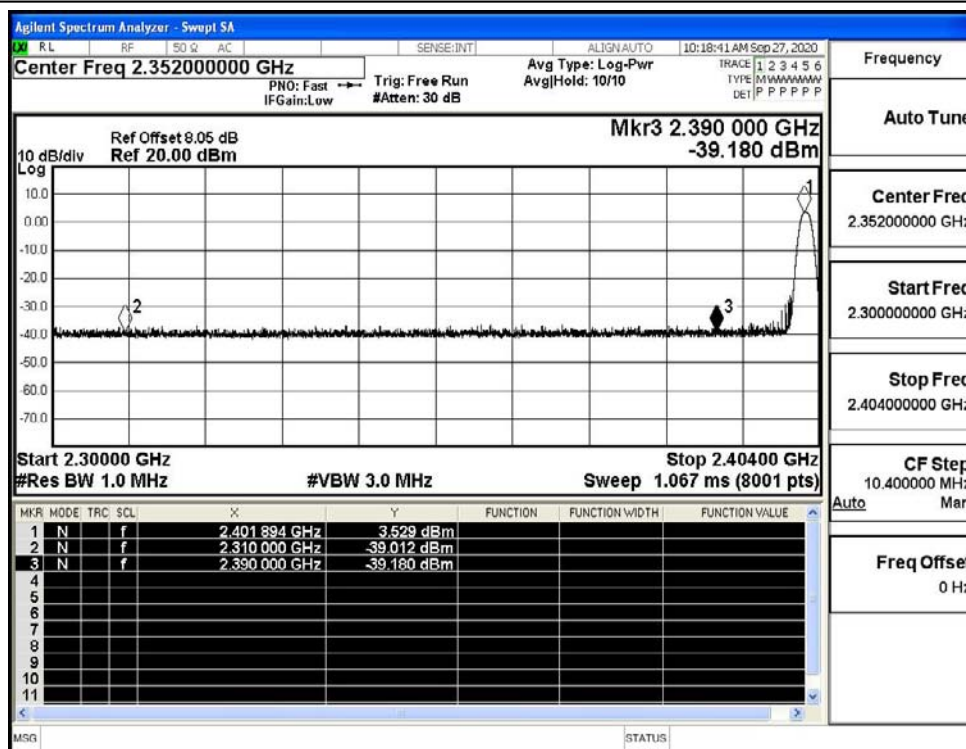
8DPSK/HCH/Hop



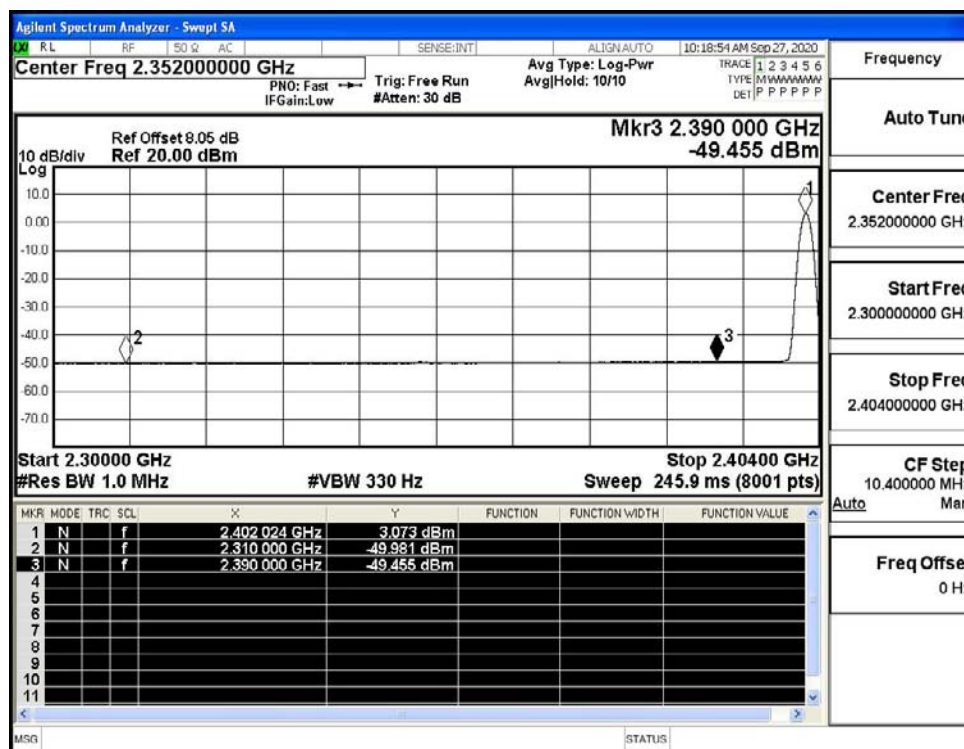
A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-39.01	2.93	0	59.15	PEAK	74	PASS
	Off	2310.0	-49.98	2.93	0	48.18	AV	54	PASS
	Off	2390.0	-39.18	2.93	0	58.98	PEAK	74	PASS
	Off	2390.0	-49.46	2.93	0	48.70	AV	54	PASS
	Off	2483.5	-38.15	2.93	0	60.01	PEAK	74	PASS
	Off	2483.5	-48.93	2.93	0	49.23	AV	54	PASS
	Off	2500.0	-37.98	2.93	0	60.18	PEAK	74	PASS
	Off	2500.0	-49.02	2.93	0	49.14	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-41.03	2.93	0	57.13	PEAK	74	PASS
	Off	2310.0	-49.94	2.93	0	48.22	AV	54	PASS
	Off	2390.0	-40.20	2.93	0	57.96	PEAK	74	PASS
	Off	2390.0	-49.61	2.93	0	48.55	AV	54	PASS
	Off	2483.5	-38.96	2.93	0	59.20	PEAK	74	PASS
	Off	2483.5	-49.04	2.93	0	49.12	AV	54	PASS
	Off	2500.0	-38.16	2.93	0	60.00	PEAK	74	PASS
	Off	2500.0	-49.02	2.93	0	49.14	AV	54	PASS
8DPSK	Off	2310.0	-39.99	2.93	0	58.17	PEAK	74	PASS
	Off	2310.0	-49.99	2.93	0	48.17	AV	54	PASS
	Off	2390.0	-38.65	2.93	0	59.51	PEAK	74	PASS
	Off	2390.0	-49.65	2.93	0	48.51	AV	54	PASS
	Off	2483.5	-39.66	2.93	0	58.50	PEAK	74	PASS
	Off	2483.5	-49.06	2.93	0	49.10	AV	54	PASS
	Off	2500.0	-38.36	2.93	0	59.80	PEAK	74	PASS
	Off	2500.0	-48.91	2.93	0	49.25	AV	54	PASS

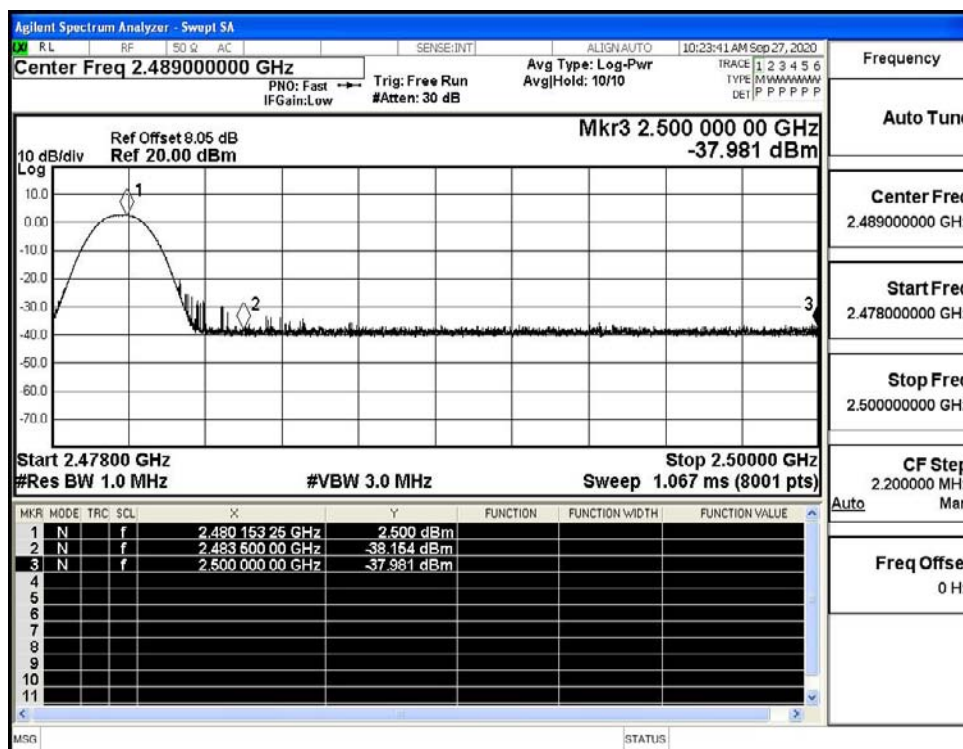
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (Low Channel)



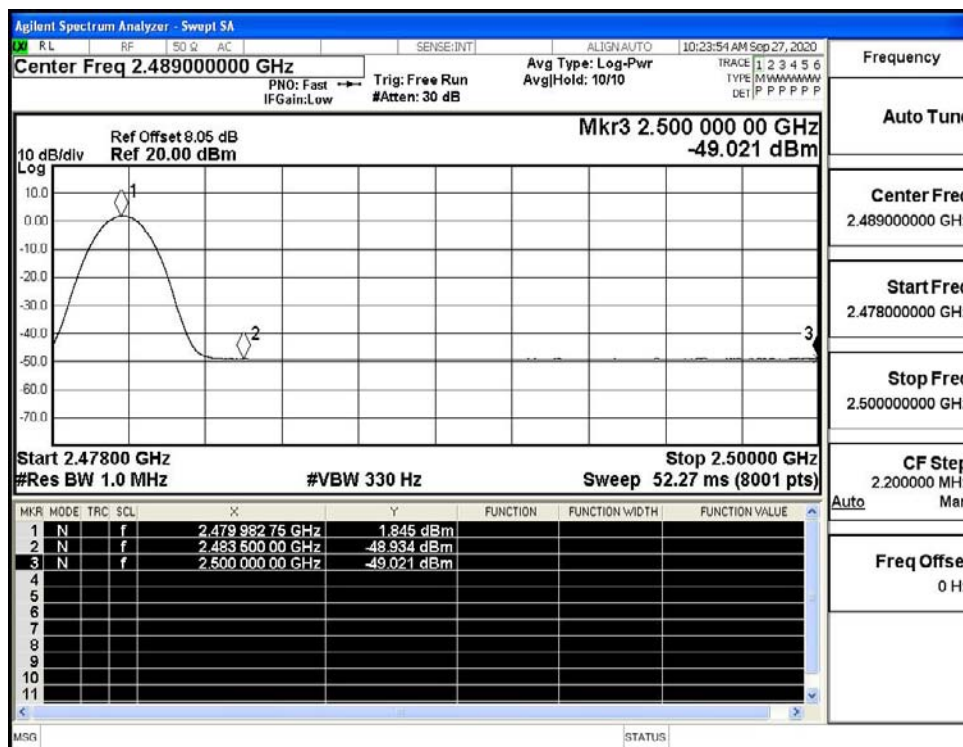
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (Low Channel)

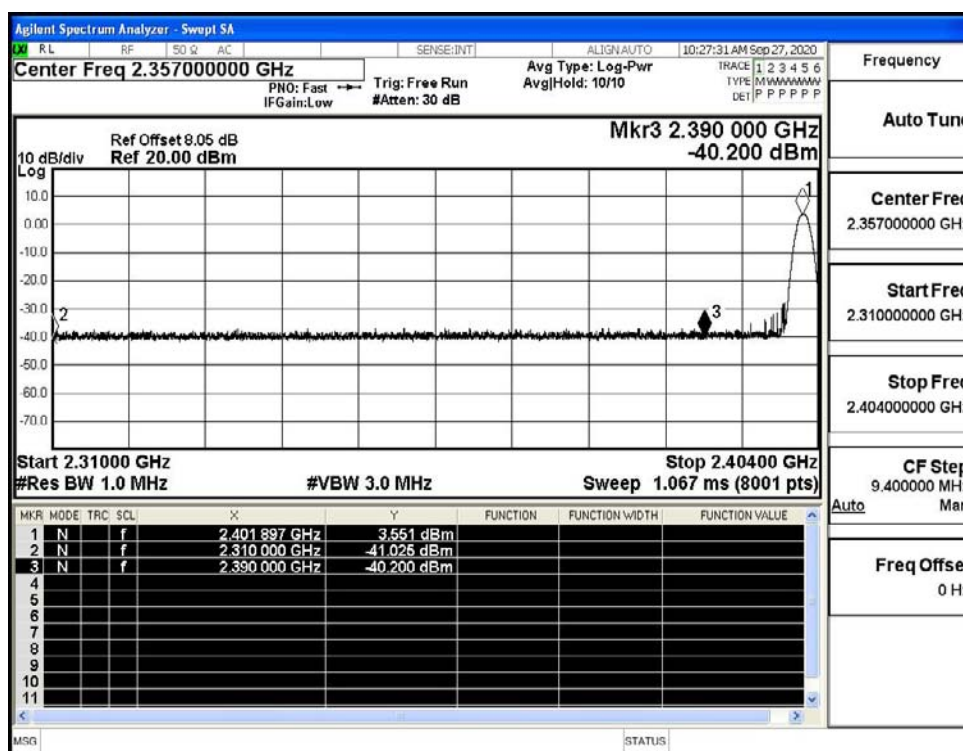
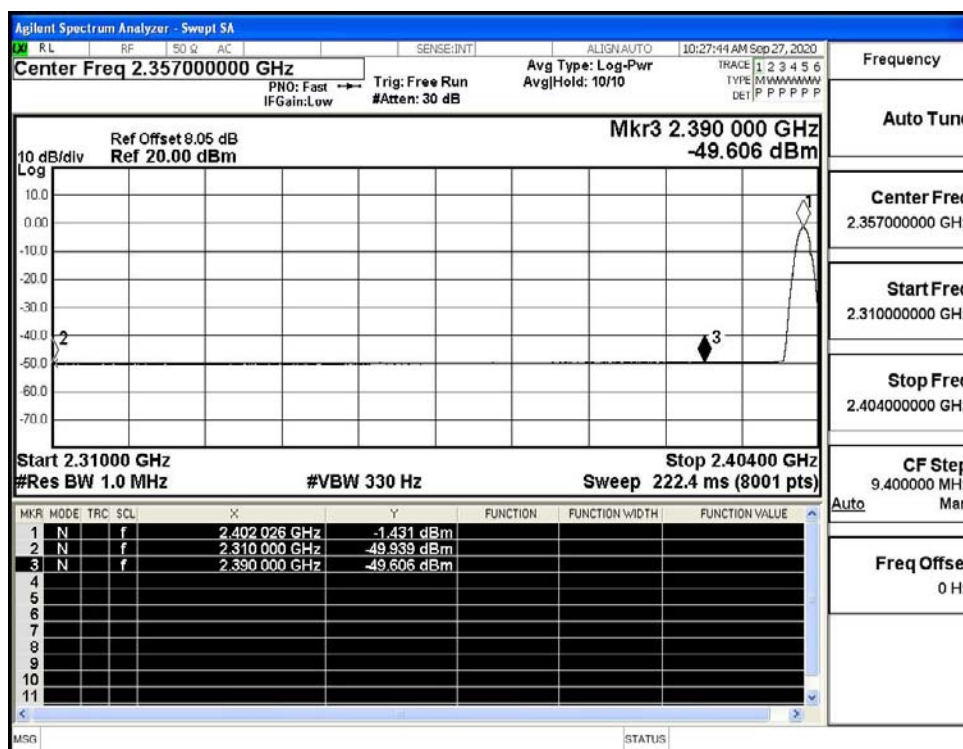


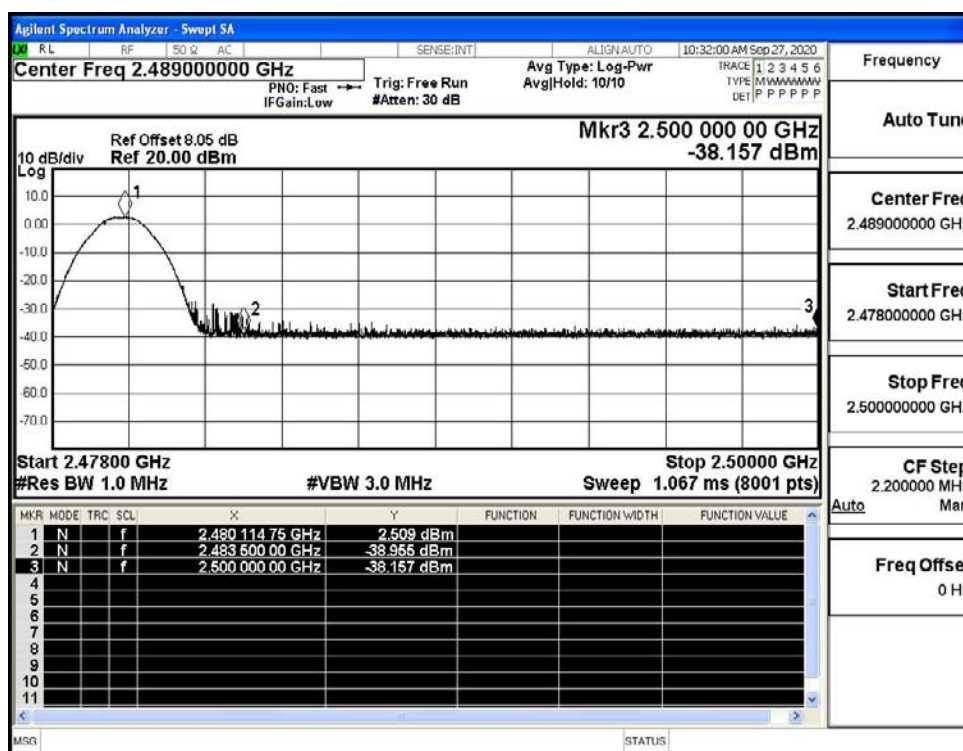
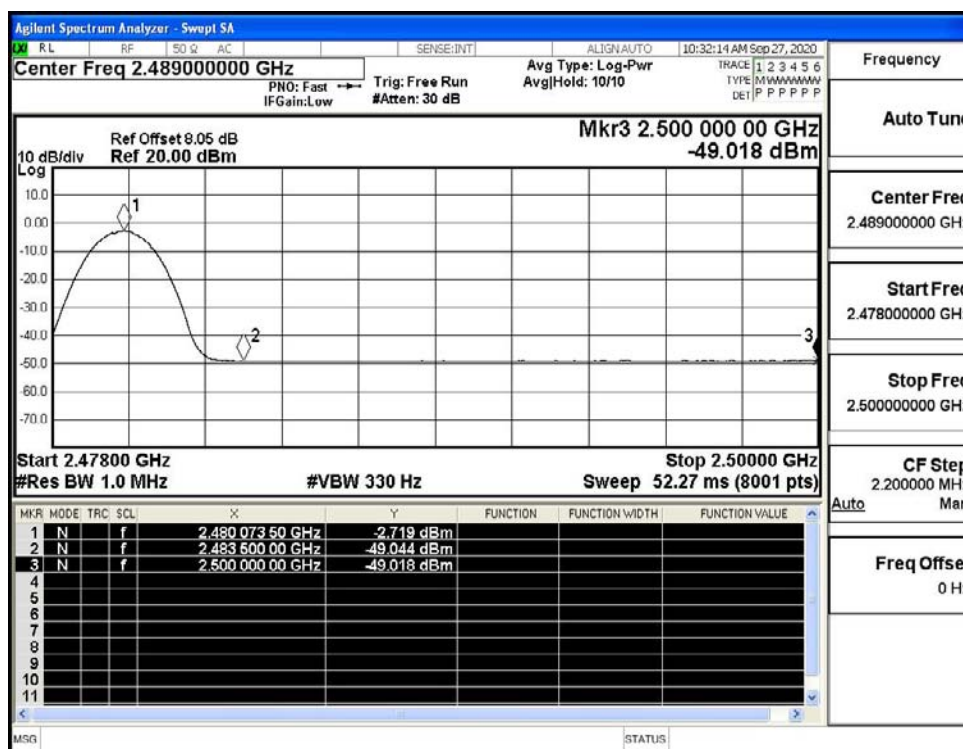
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



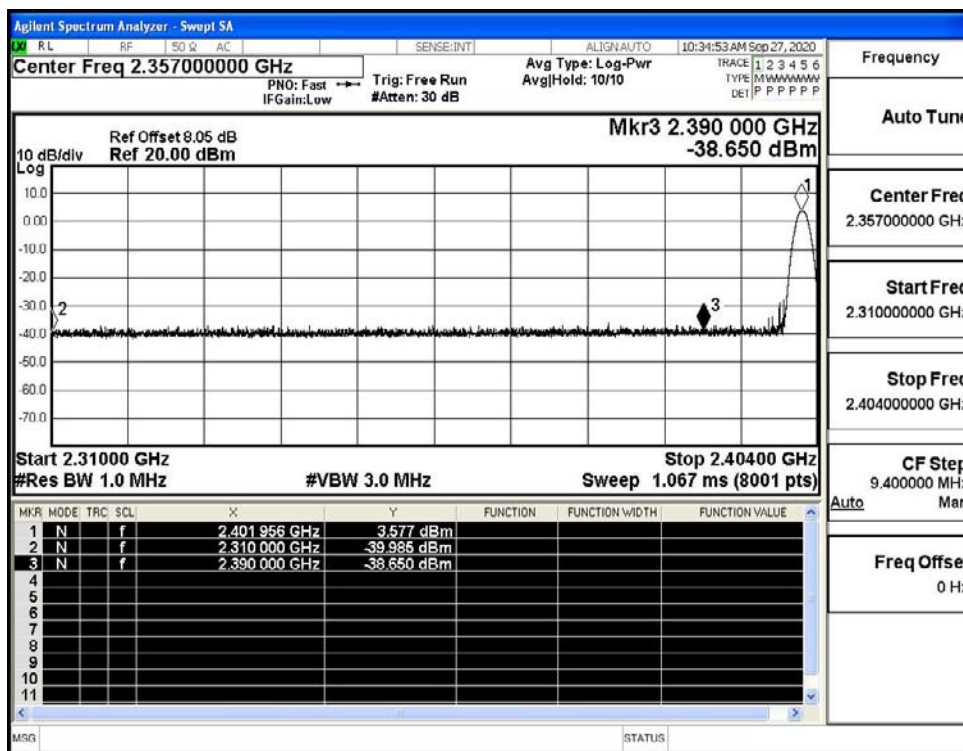
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



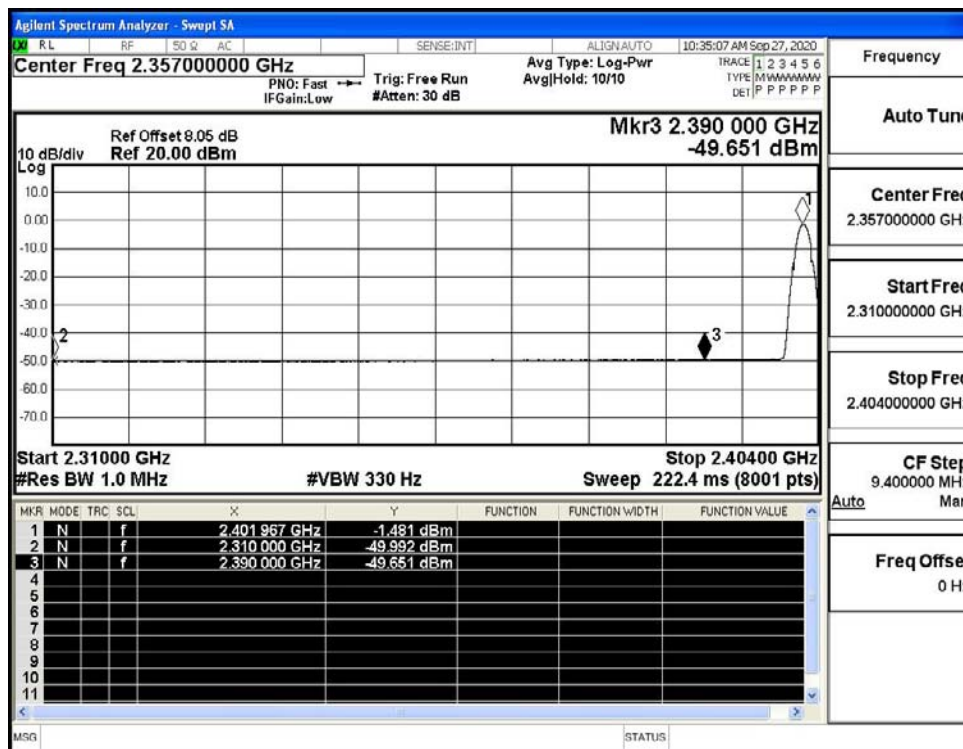
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_PEAK (Low Channel)Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_Average (Low Channel)

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)

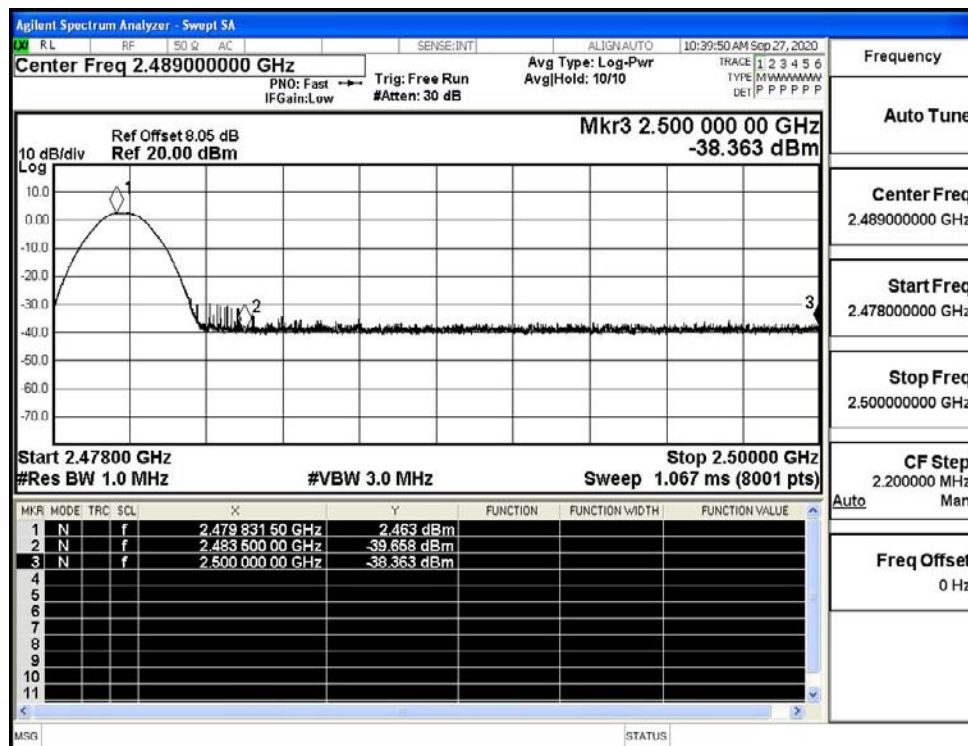
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

