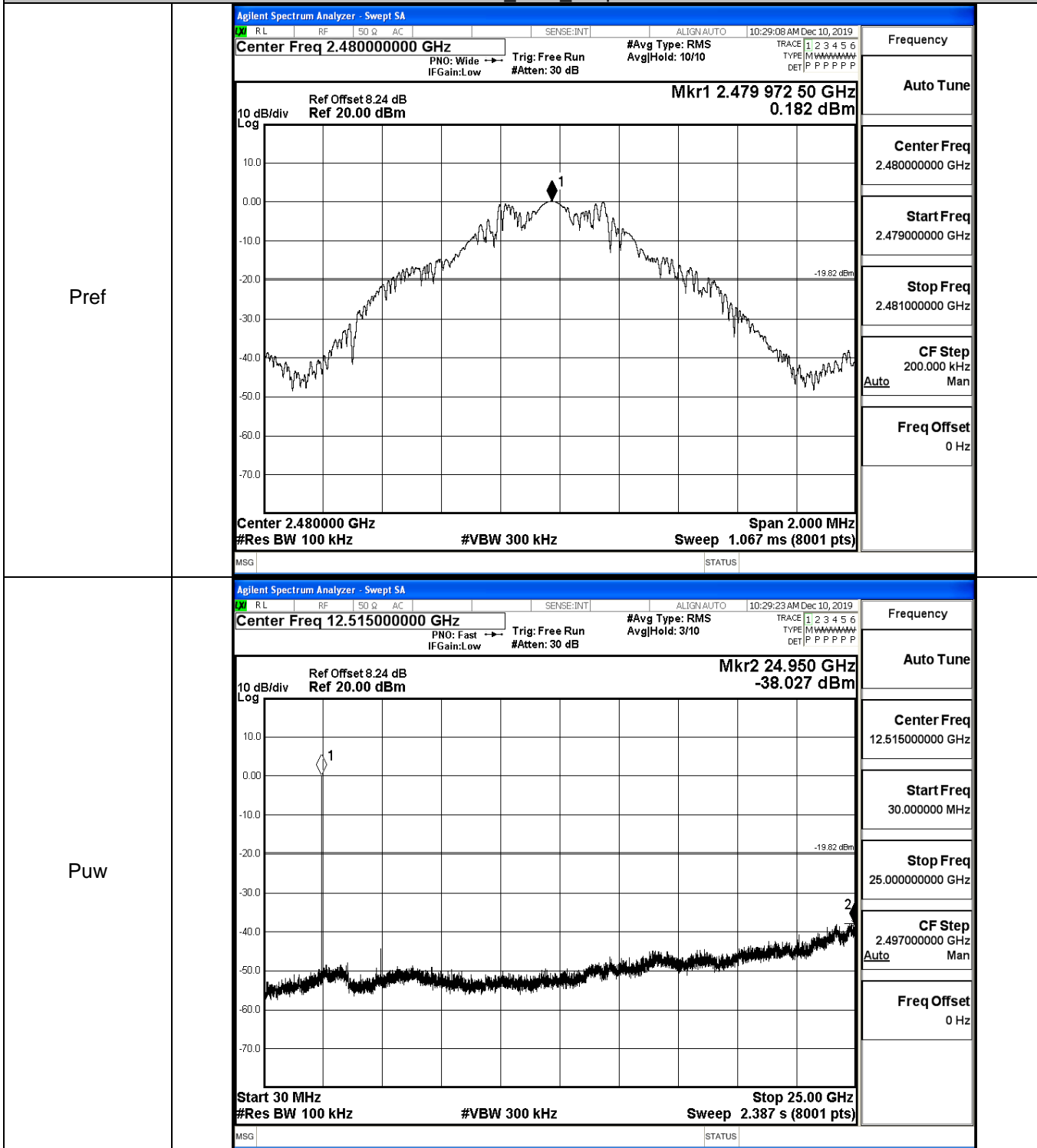
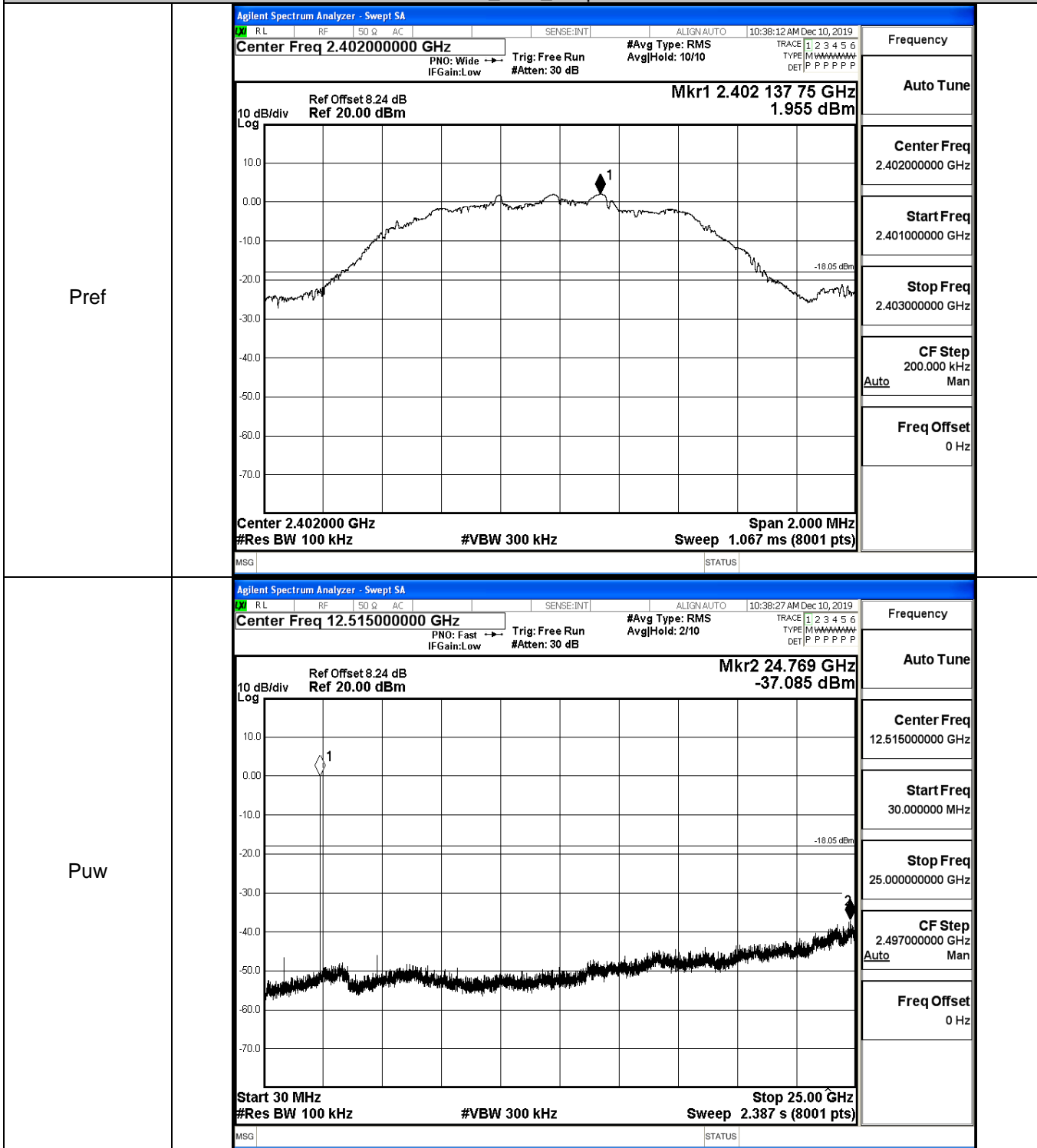


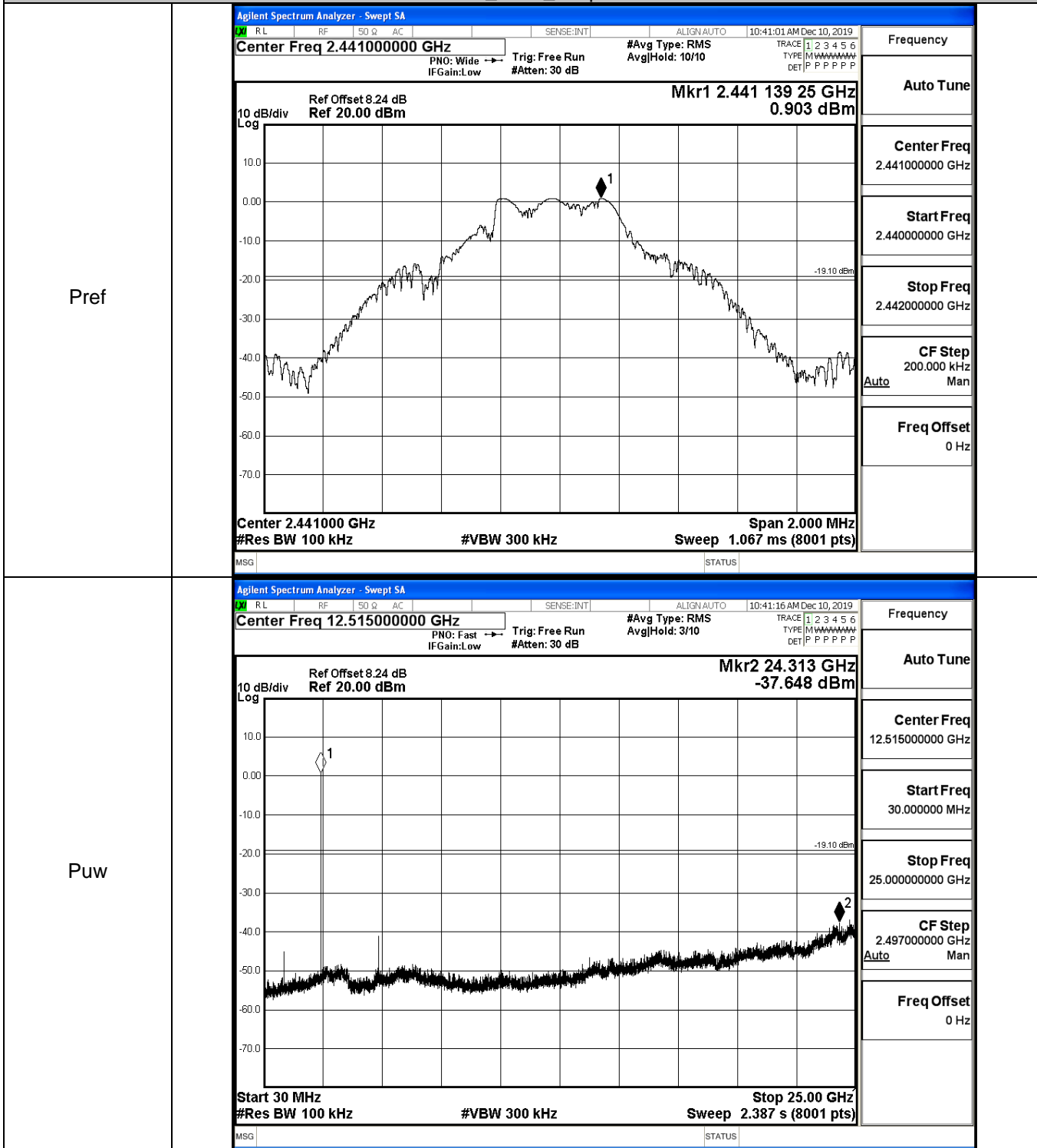
$\pi/4$ DQPSK_HCH_Graphs



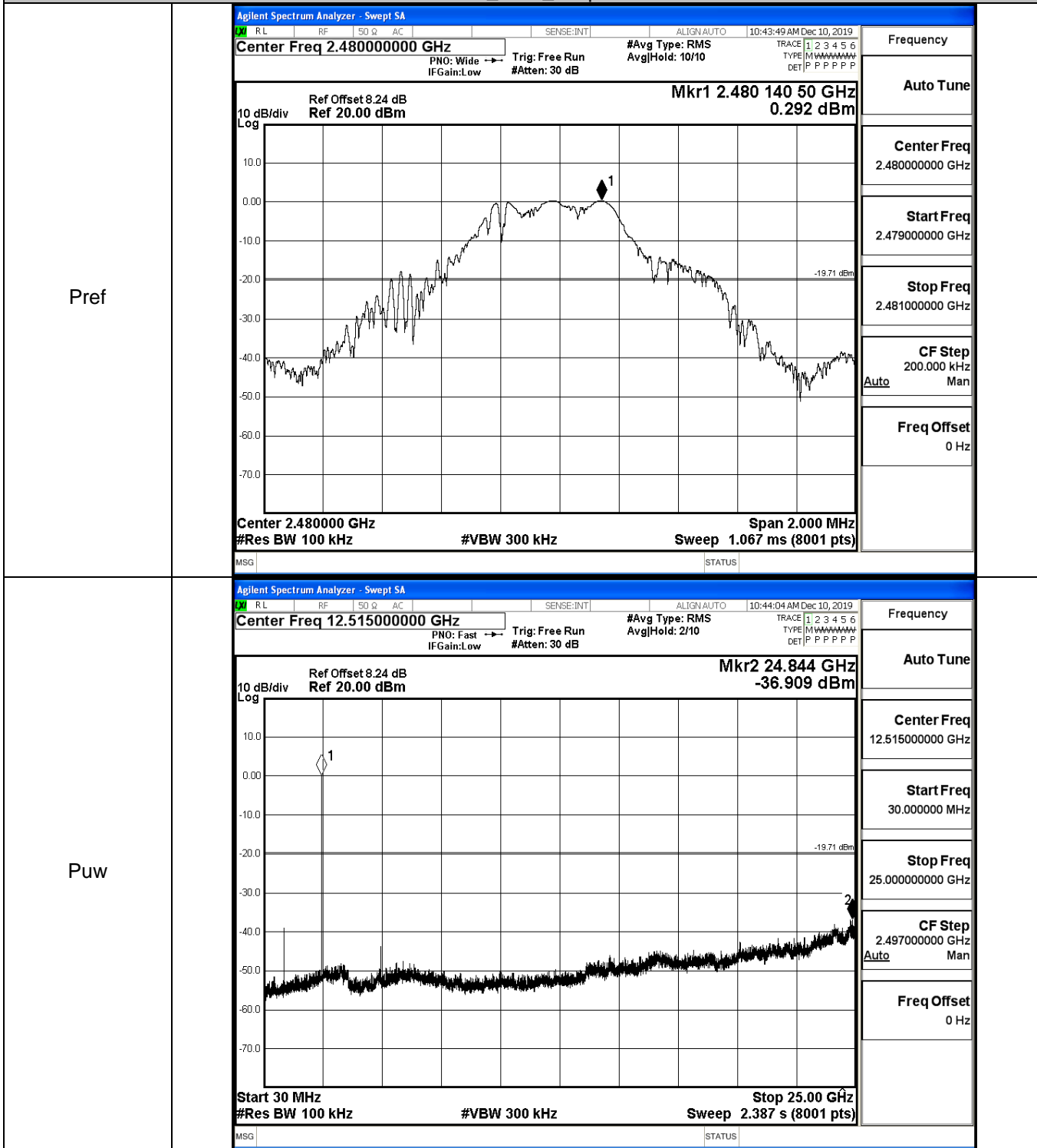
8DPSK_LCH_Graphs



8DPSK_MCH_Graphs



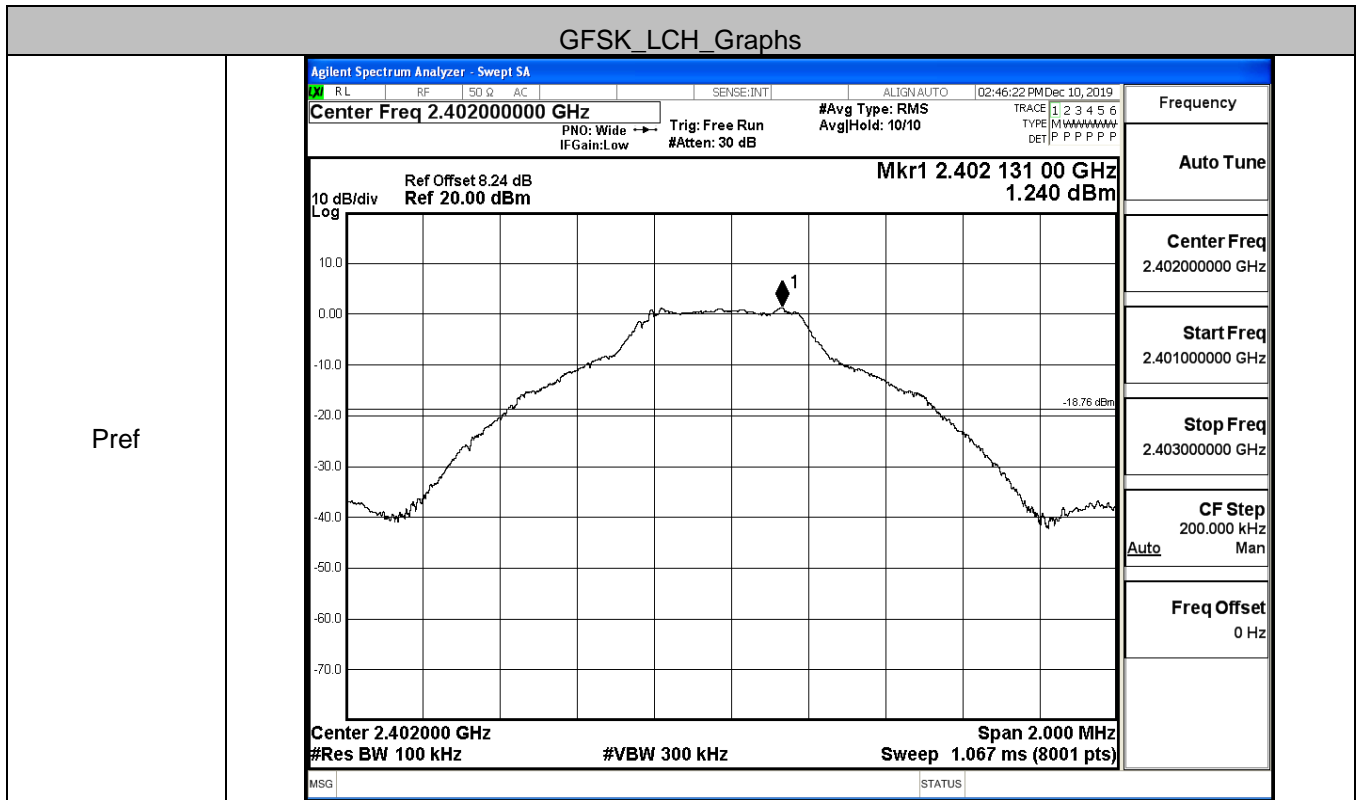
8DPSK_HCH_Graphs

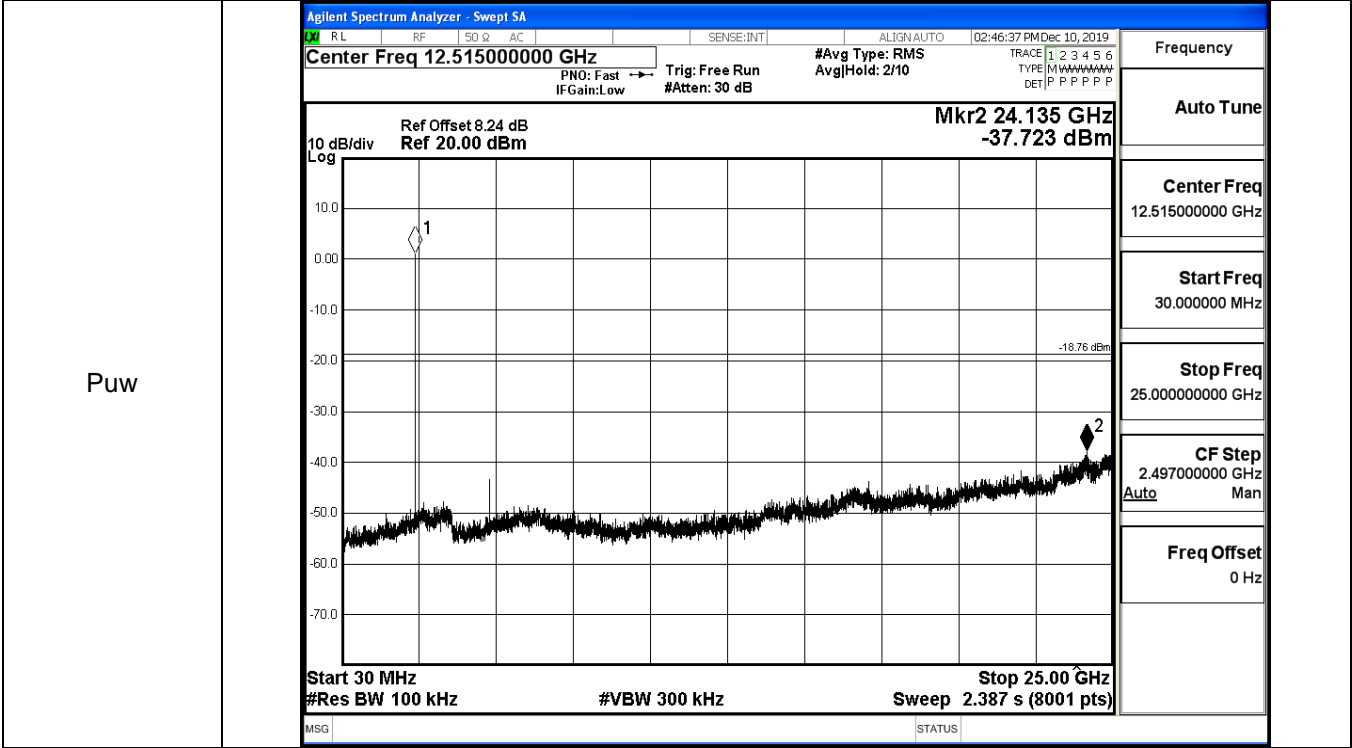


Right Ear

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	1.24	-37.723	-18.760	PASS
	MCH	0.267	-37.531	-19.733	PASS
	HCH	-0.525	-37.465	-20.525	PASS
$\pi/4$ DQPSK	LCH	1.318	-36.125	-18.682	PASS
	MCH	0.186	-36.727	-19.814	PASS
	HCH	-0.531	-36.517	-20.531	PASS
8DPSK	LCH	1.294	-37.404	-18.706	PASS
	MCH	0.255	-37.472	-19.745	PASS
	HCH	-0.566	-27.070	-20.566	PASS

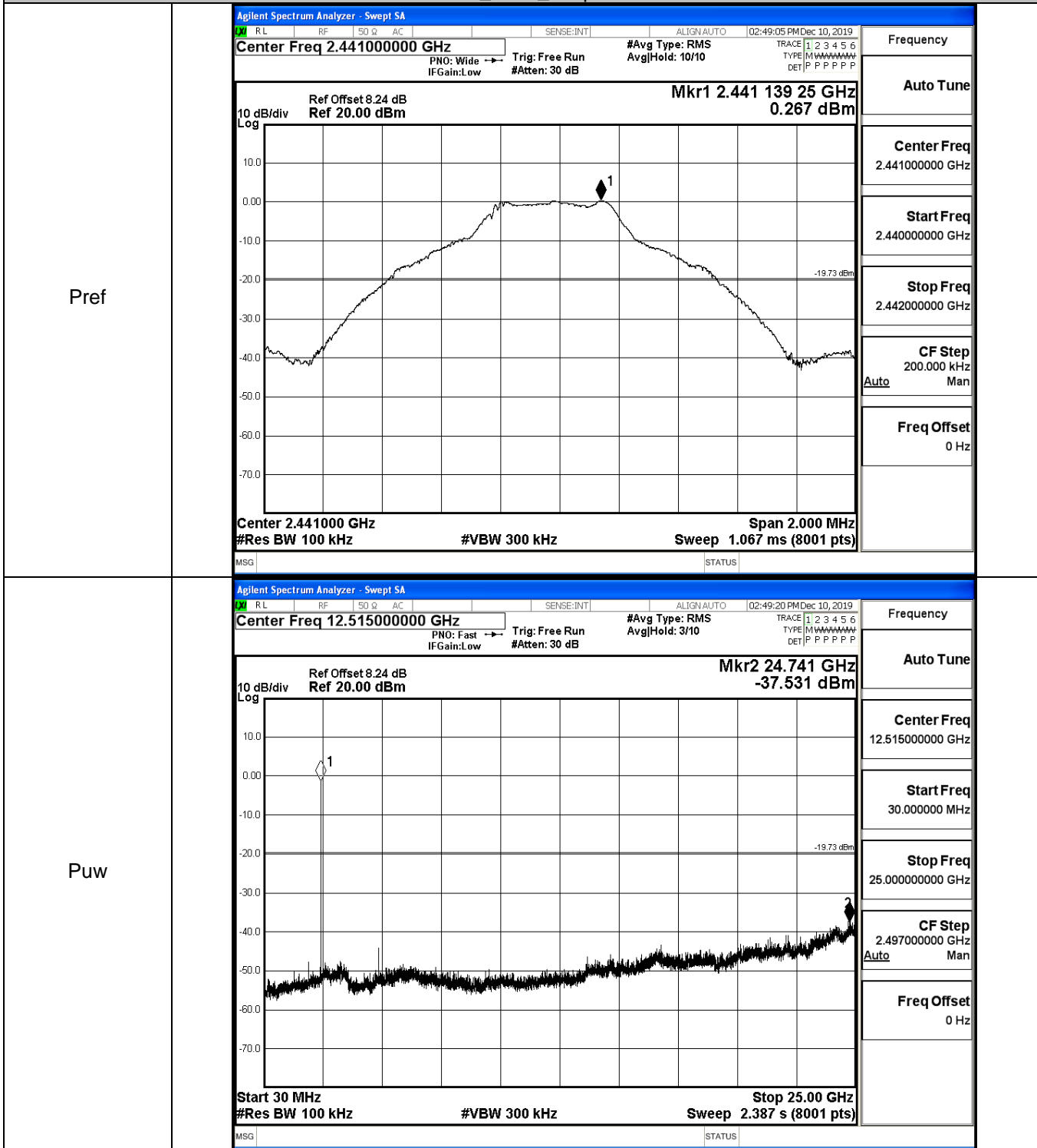
GFSK_LCH_Graphs



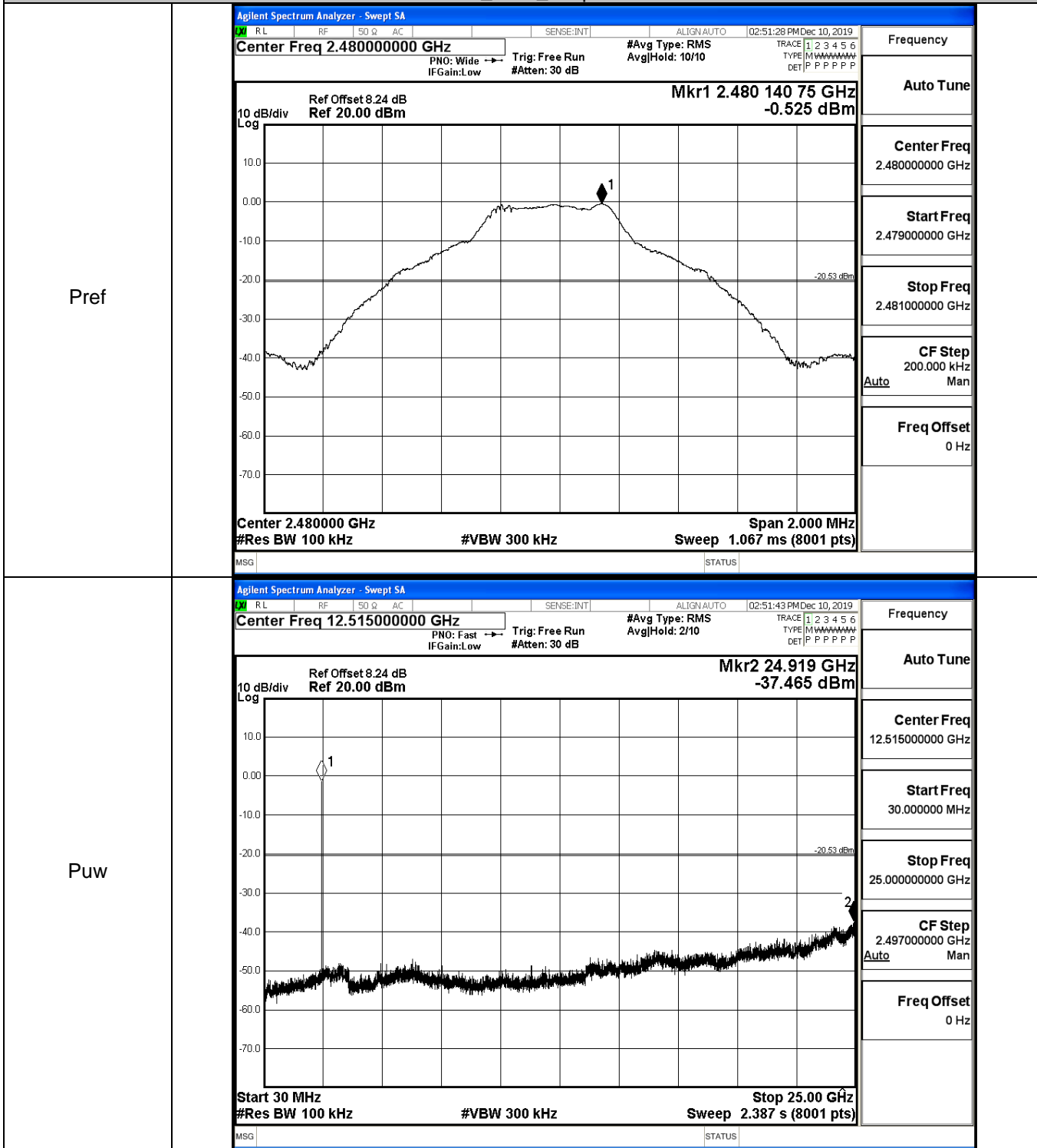


Puw

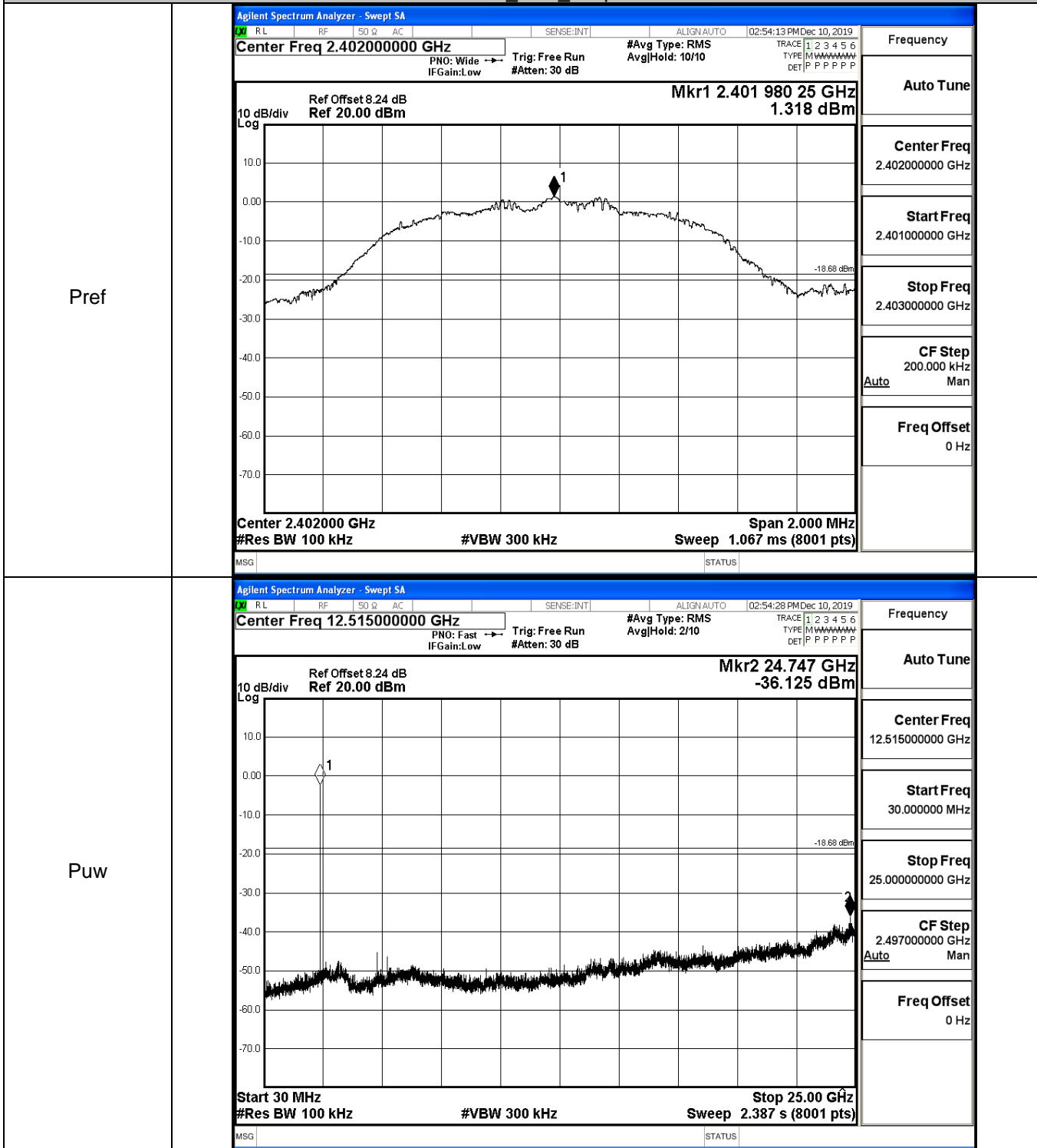
GFSK_MCH_Graphs



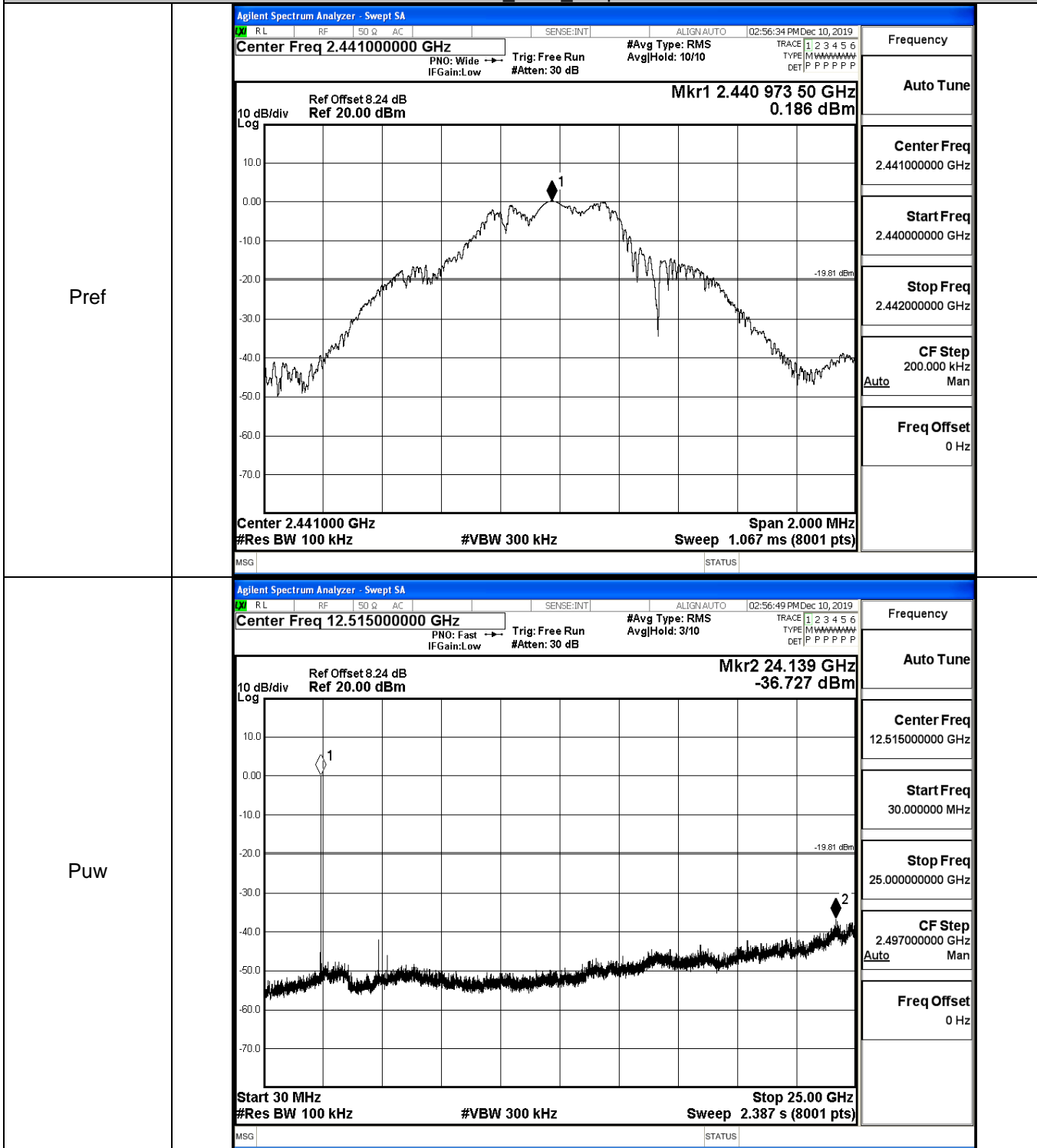
GFSK_HCH_Graphs



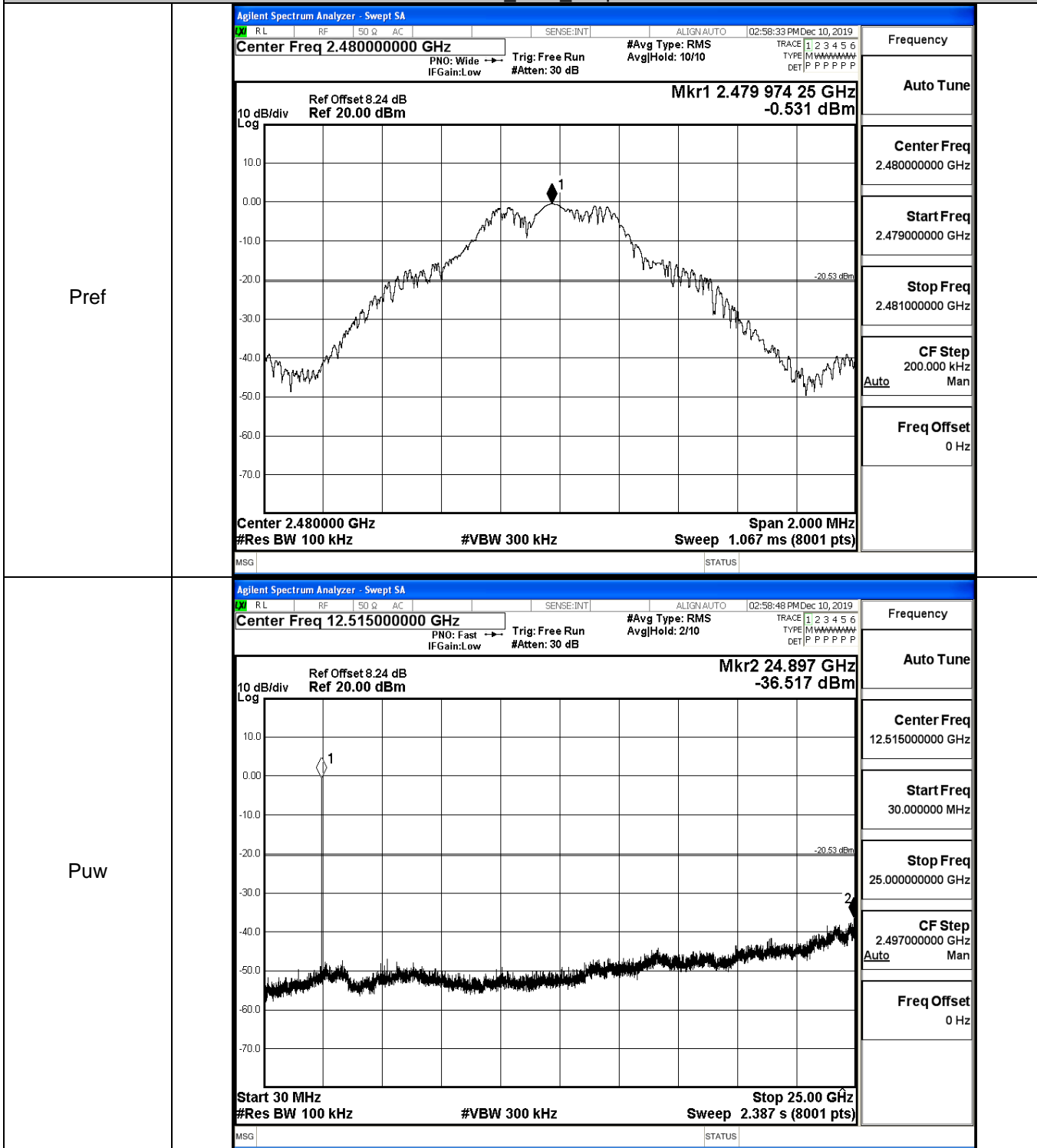
$\pi/4$ DQPSK_LCH_Graphs



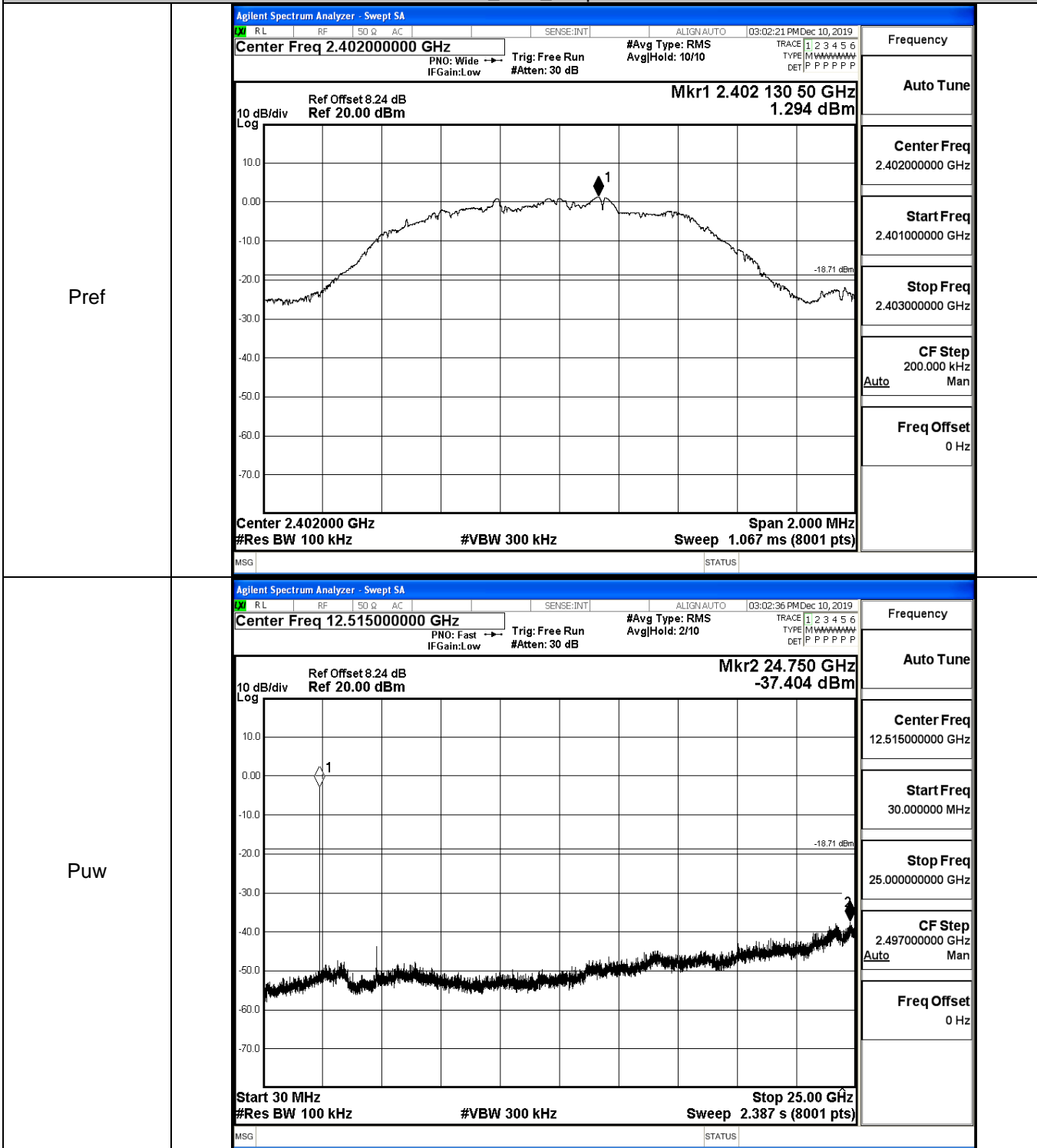
$\pi/4$ DQPSK_MCH_Graphs



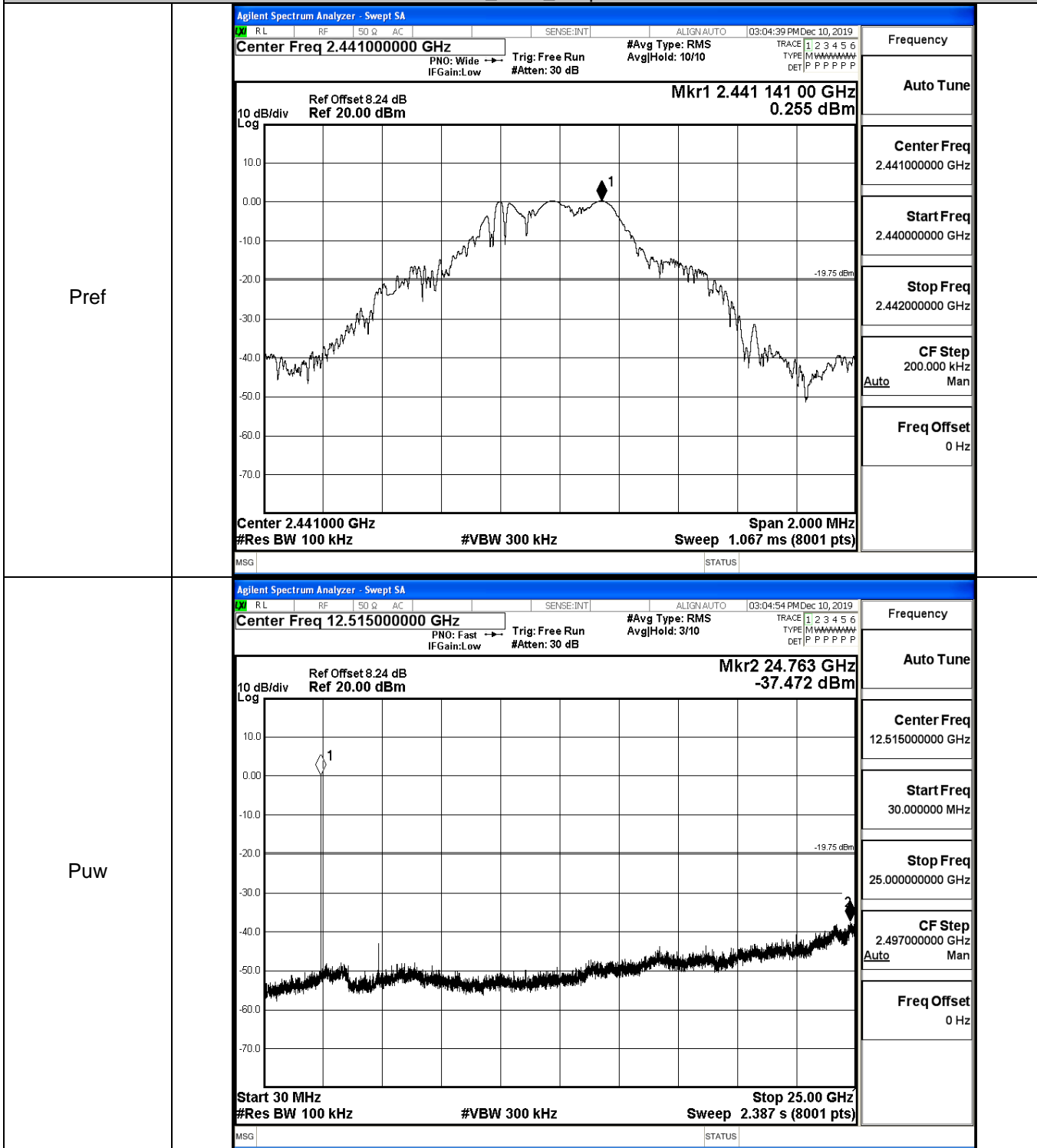
$\pi/4$ DQPSK_HCH_Graphs



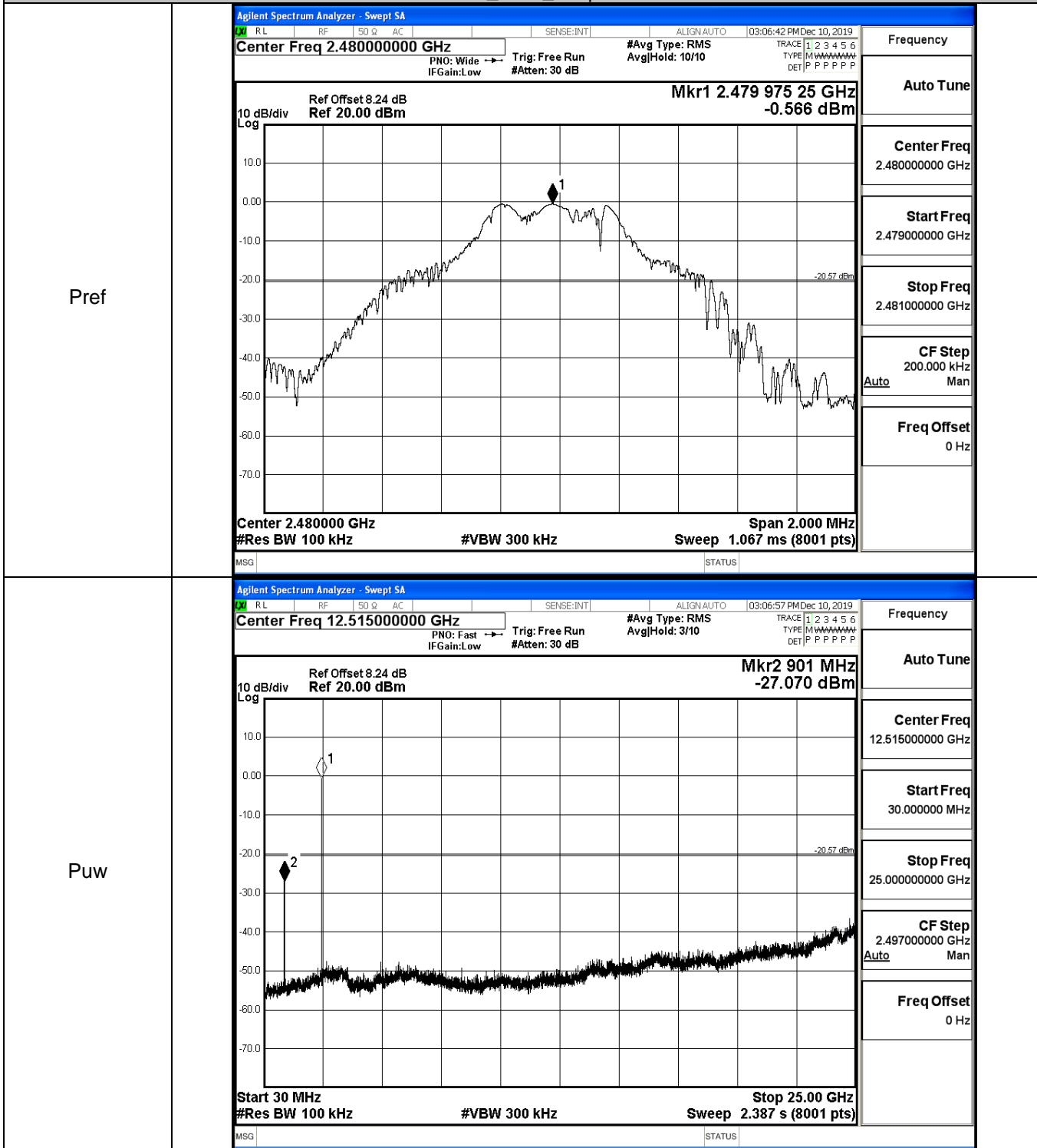
8DPSK_LCH_Graphs



8DPSK_MCH_Graphs



8DPSK_HCH_Graphs



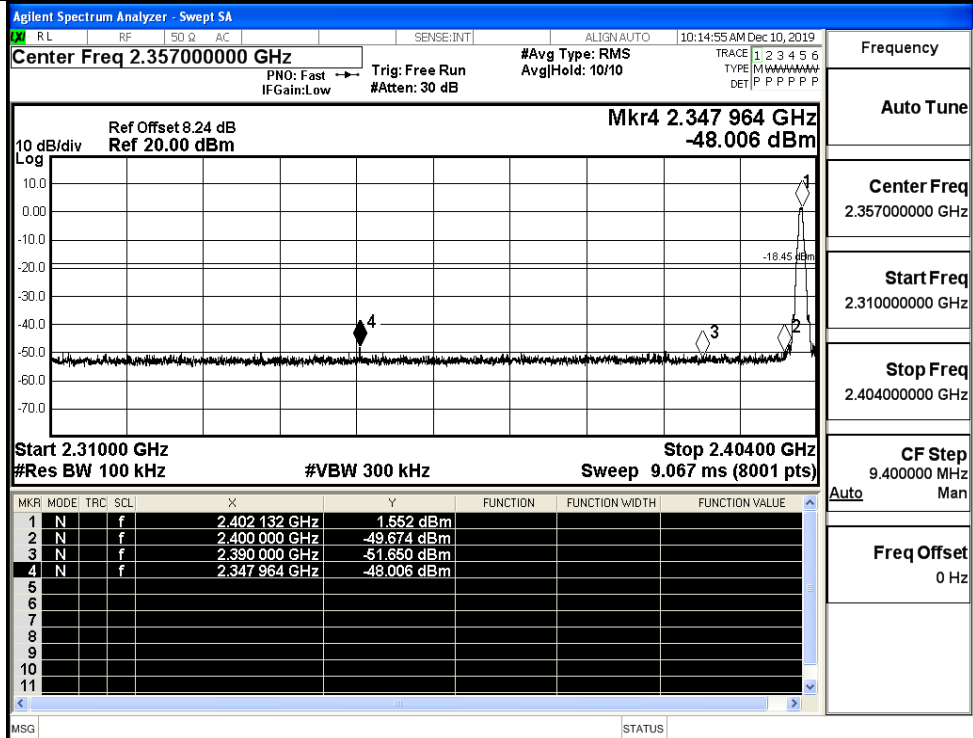
A.7 Band-edge for RF Conducted Emissions

Left Ear

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	1.552	Off	-48.006	-18.45	PASS
			1.856	On	-48.738	-18.14	PASS
	HCH	2480	0.128	Off	-49.073	-19.87	PASS
			0.569	On	-48.907	-19.43	PASS
$\pi/4$ DQPSK	LCH	2402	1.819	Off	-49.407	-18.18	PASS
			1.712	On	-49.437	-18.29	PASS
	HCH	2480	0.265	Off	-49.003	-19.74	PASS
			0.628	On	-38.951	-19.37	PASS
8DPSK	LCH	2402	1.909	Off	-49.610	-18.09	PASS
			1.837	On	-49.189	-18.16	PASS
	HCH	2480	0.369	Off	-48.979	-19.63	PASS
			0.605	On	-31.330	-19.4	PASS

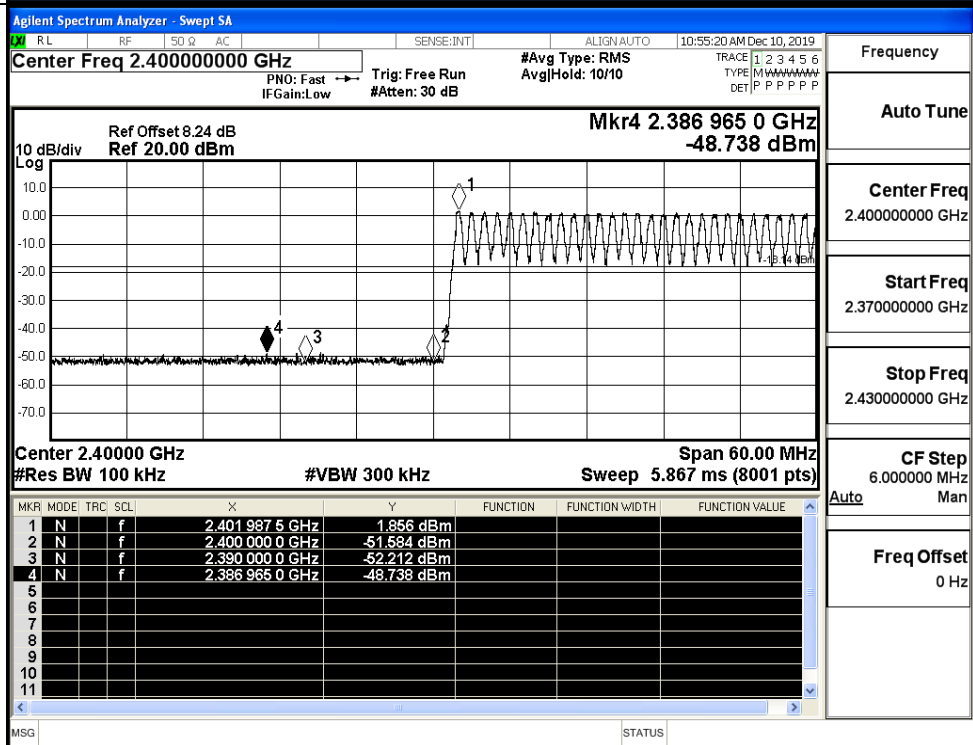
Test Graphs

GFSK/LCH/No Hop



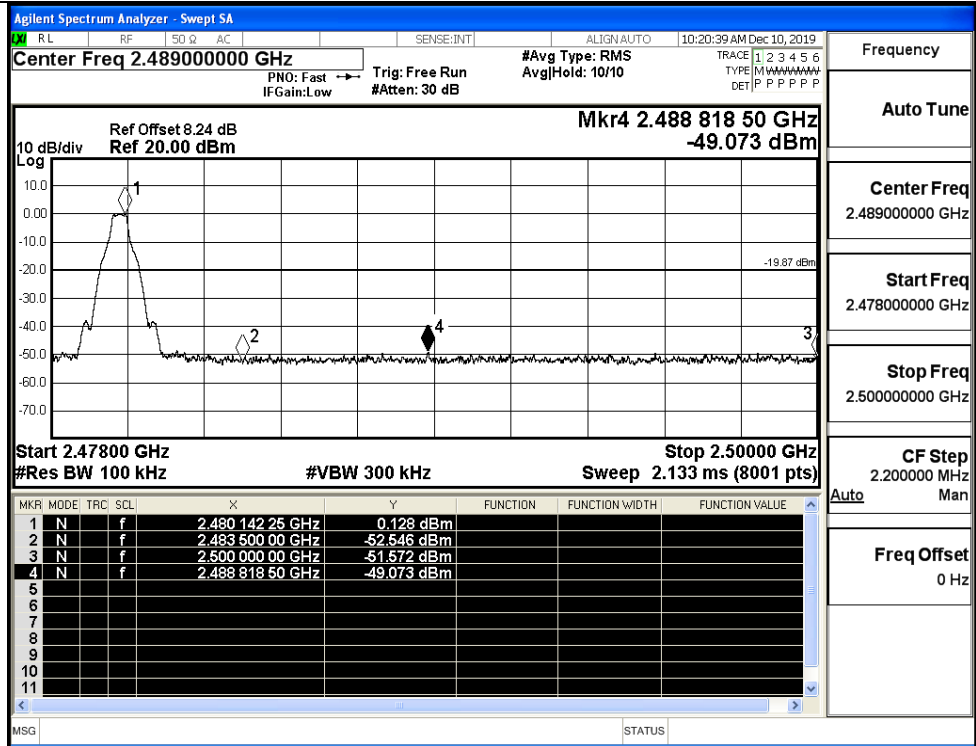
Frequency	Auto Tune
Center Freq	2.35700000 GHz
Start Freq	2.31000000 GHz
Stop Freq	2.40400000 GHz
CF Step	9.400000 MHz
Auto	Man
Freq Offset	0 Hz

GFSK/LCH/Hop

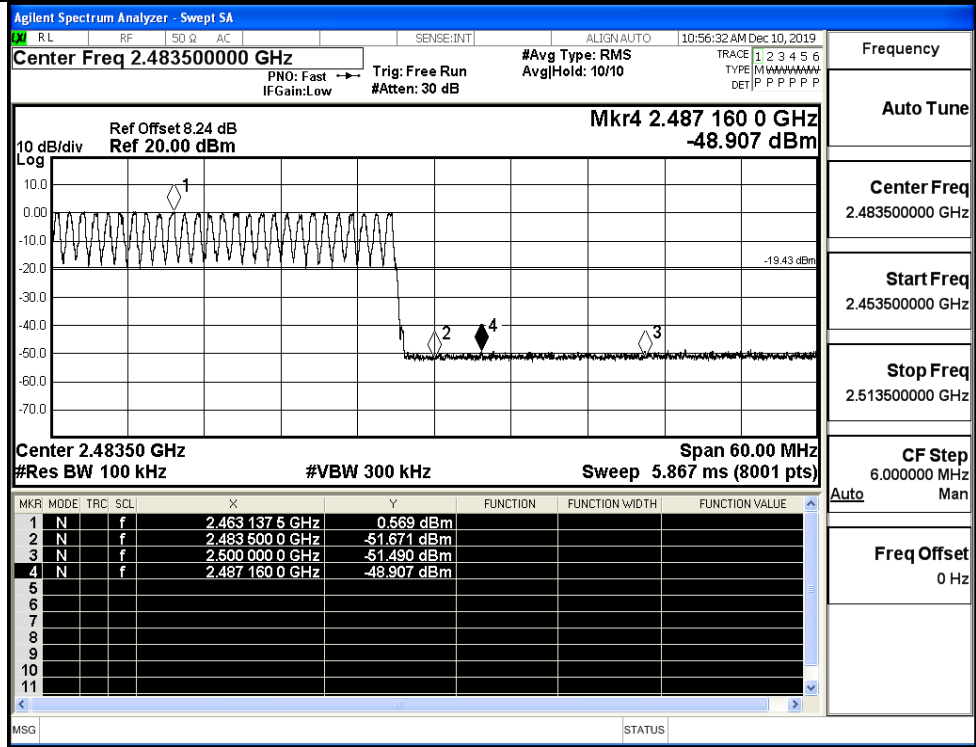


Frequency	Auto Tune
Center Freq	2.40000000 GHz
Start Freq	2.37000000 GHz
Stop Freq	2.43000000 GHz
CF Step	6.000000 MHz
Auto	Man
Freq Offset	0 Hz

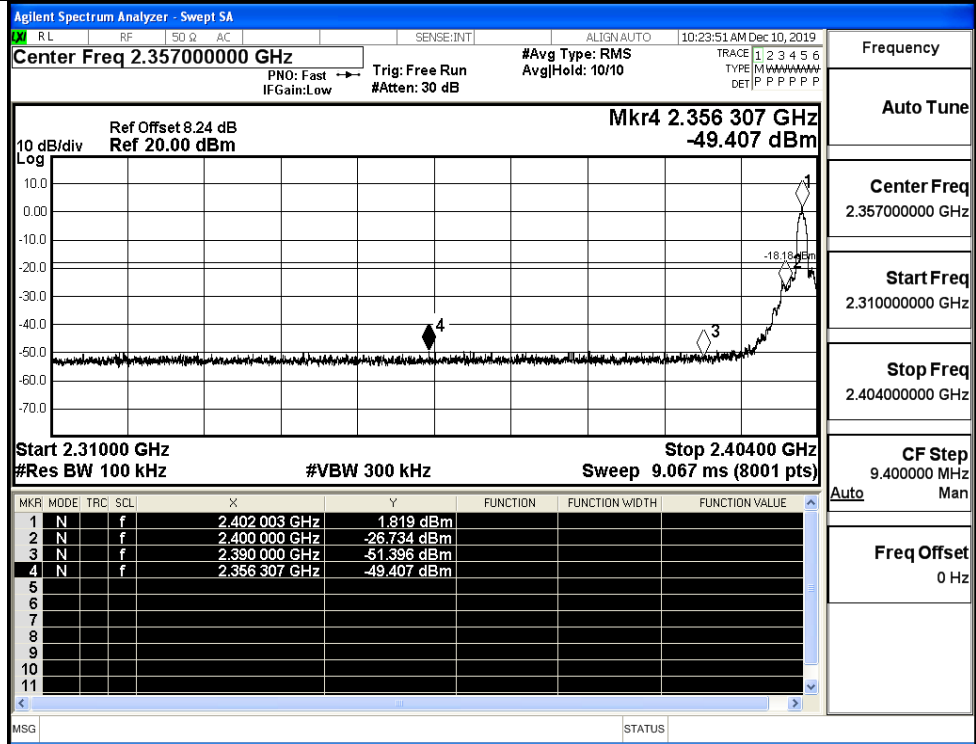
GFSK/HCH/No Hop



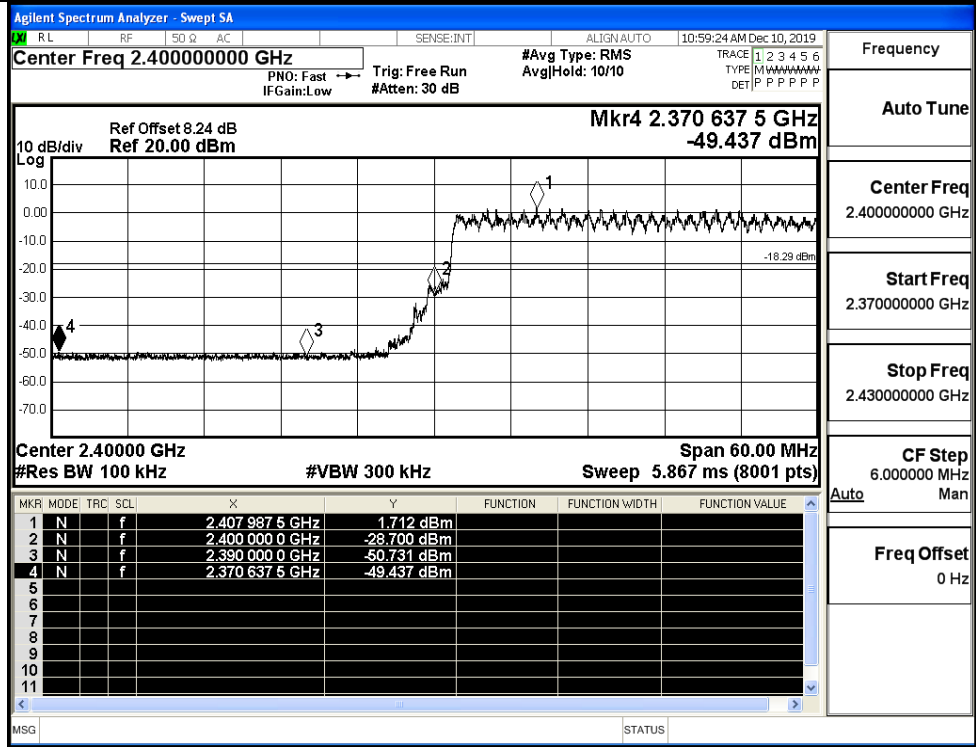
GFSK/HCH/Hop



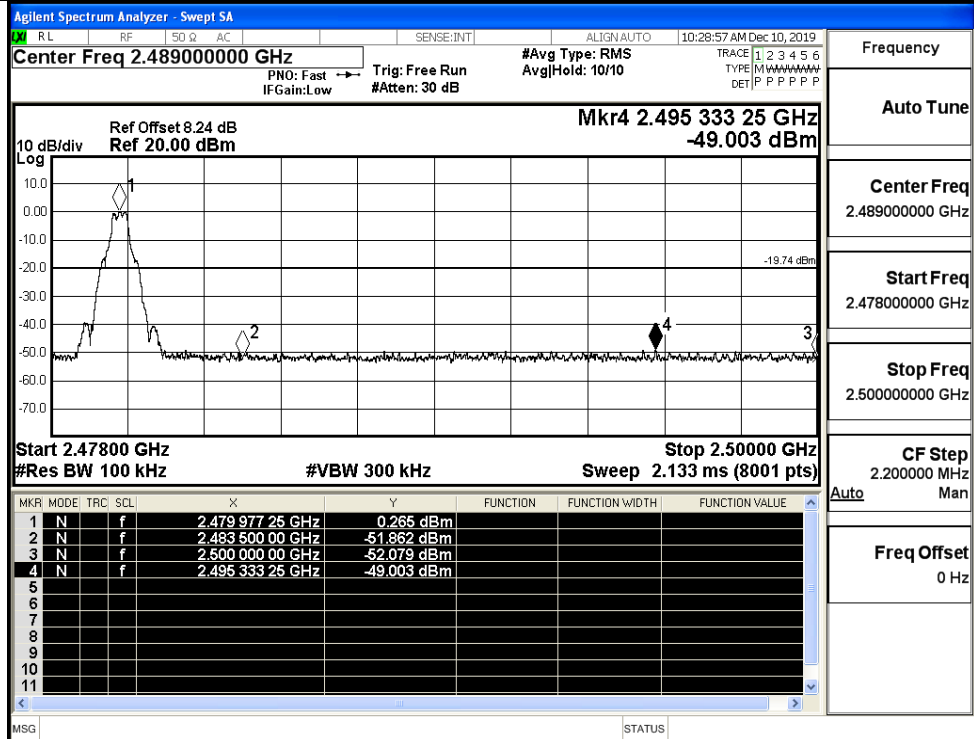
$\pi/4$ DQPSK/LCH/No Hop



$\pi/4$ DQPSK/LCH/Hop

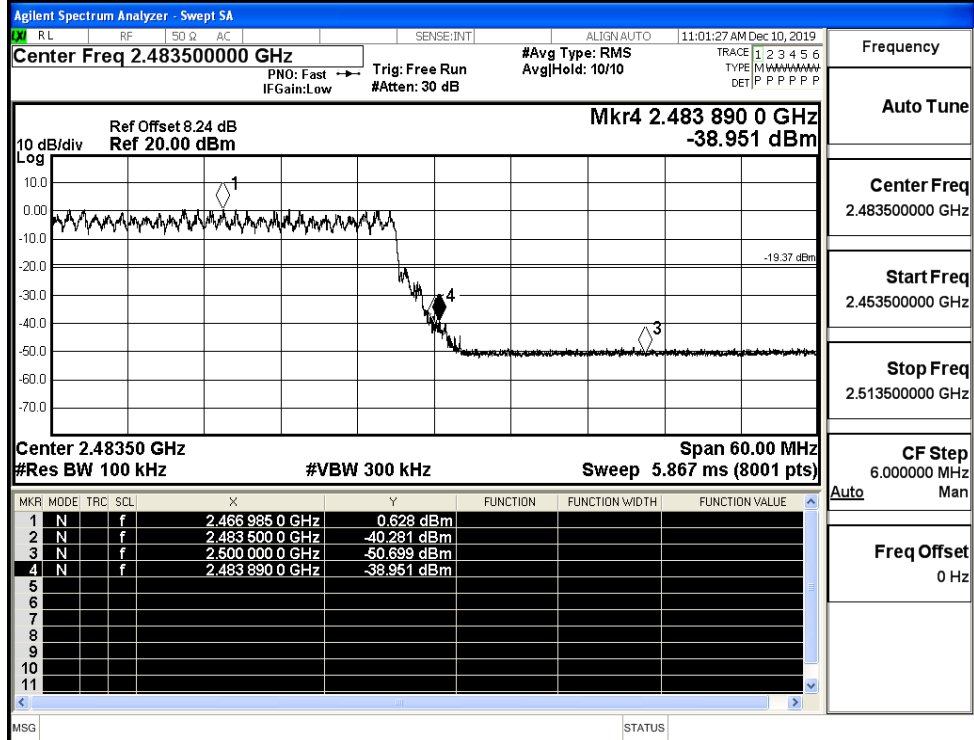


π /4DQPSK/HCH/No
Hop



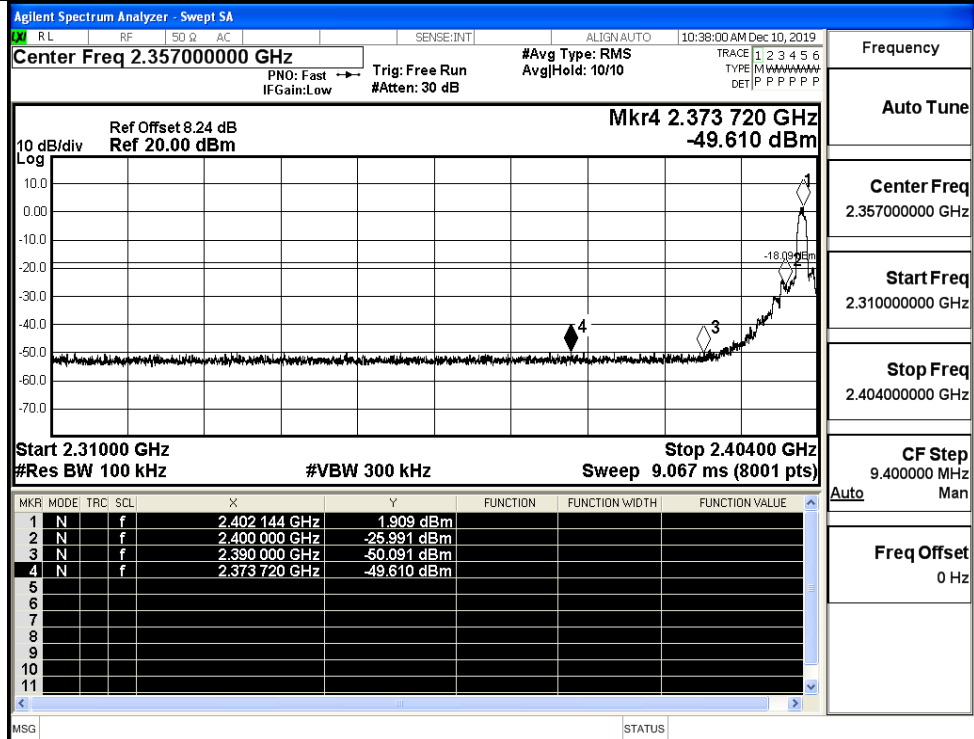
Frequency	
Auto Tune	
Center Freq	2.489000000 GHz
Start Freq	2.478000000 GHz
Stop Freq	2.500000000 GHz
CF Step	2.200000 MHz
Freq Offset	0 Hz

π /4DQPSK/HCH/Hop



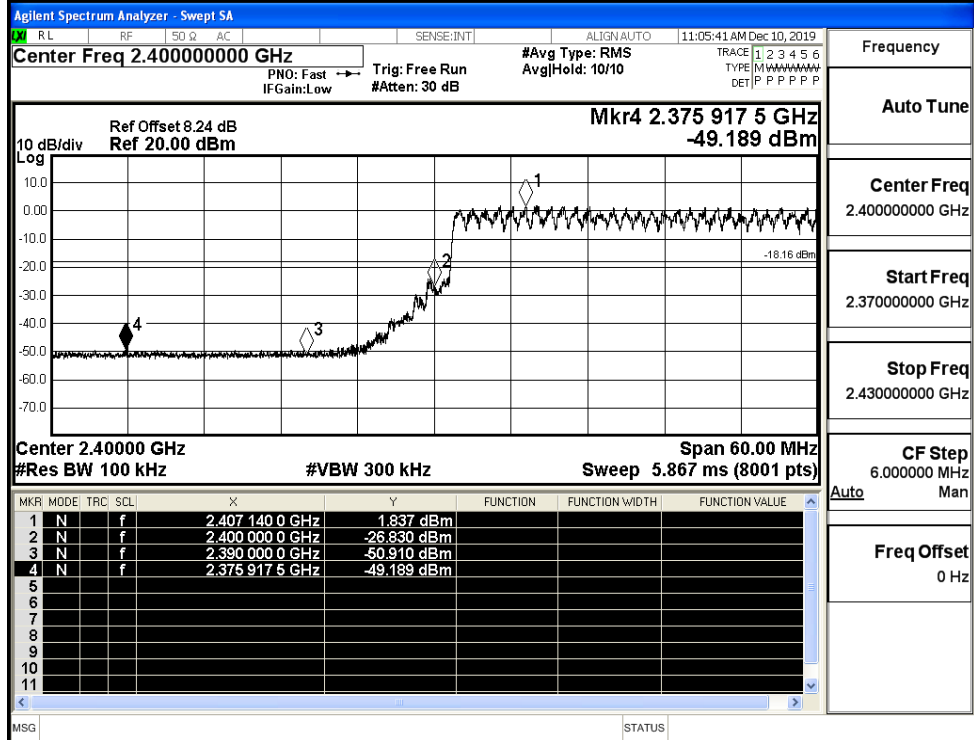
Frequency	
Auto Tune	
Center Freq	2.483500000 GHz
Start Freq	2.463500000 GHz
Stop Freq	2.513500000 GHz
CF Step	6.000000 MHz
Freq Offset	0 Hz

8DPSK/LCH/No Hop



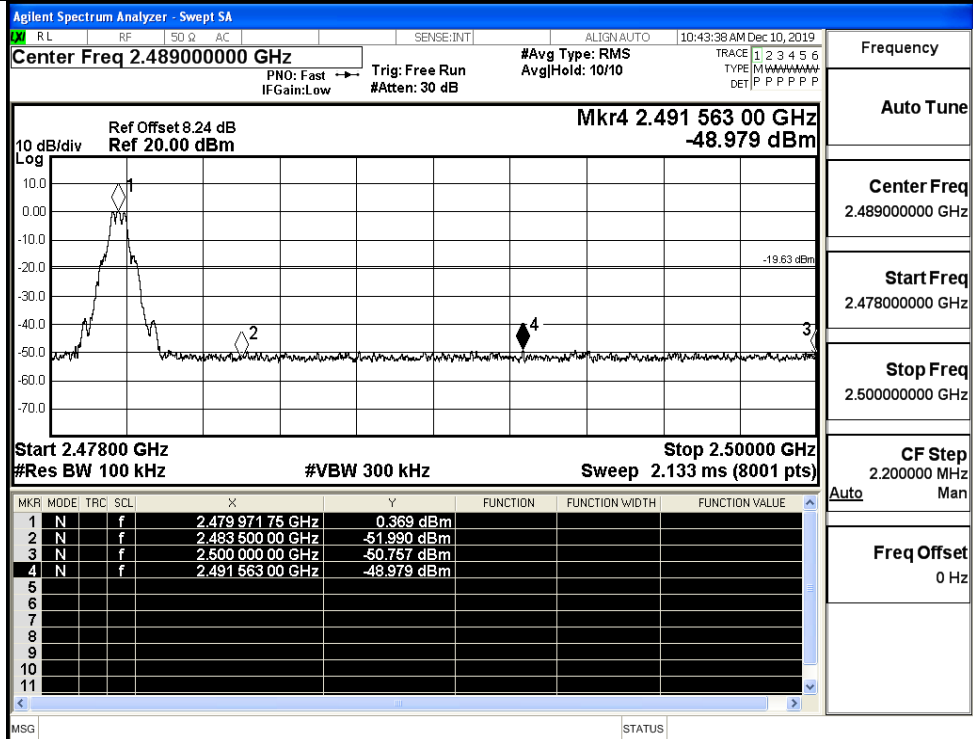
Frequency
Auto Tune
Center Freq
2.357000000 GHz
Start Freq
2.310000000 GHz
Stop Freq
2.404000000 GHz
CF Step
9.400000 MHz
Auto Man
Freq Offset
0 Hz

8DPSK/LCH/Hop



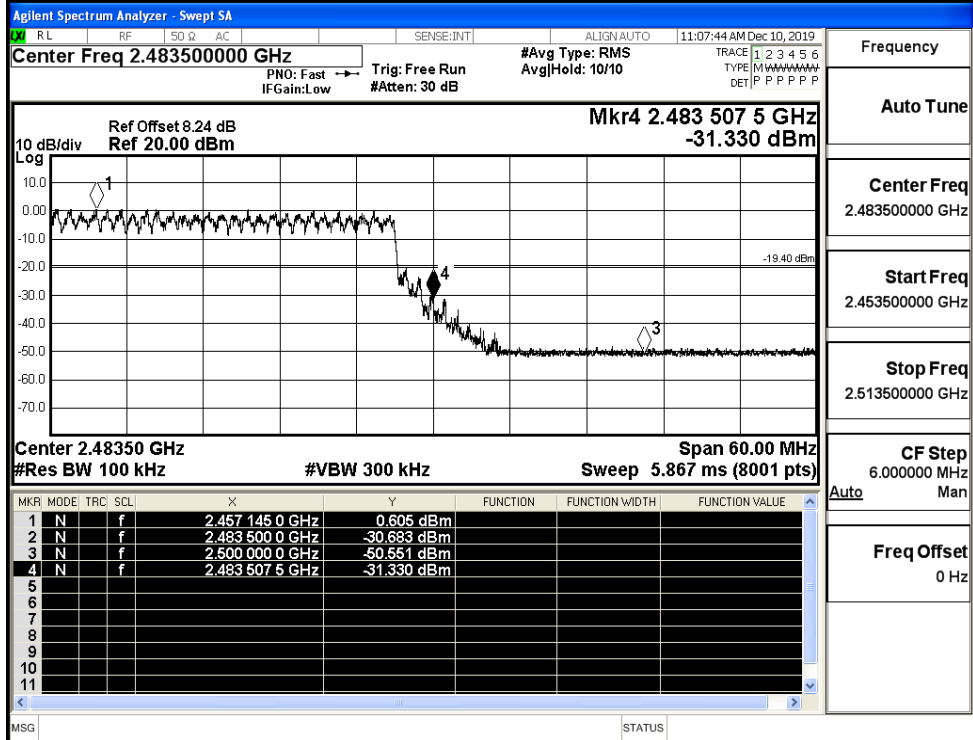
Frequency
Auto Tune
Center Freq
2.400000000 GHz
Start Freq
2.370000000 GHz
Stop Freq
2.430000000 GHz
CF Step
6.000000 MHz
Auto Man
Freq Offset
0 Hz

8DPSK/HCH/No Hop



Frequency	2.489000000 GHz
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

8DPSK/HCH/Hop



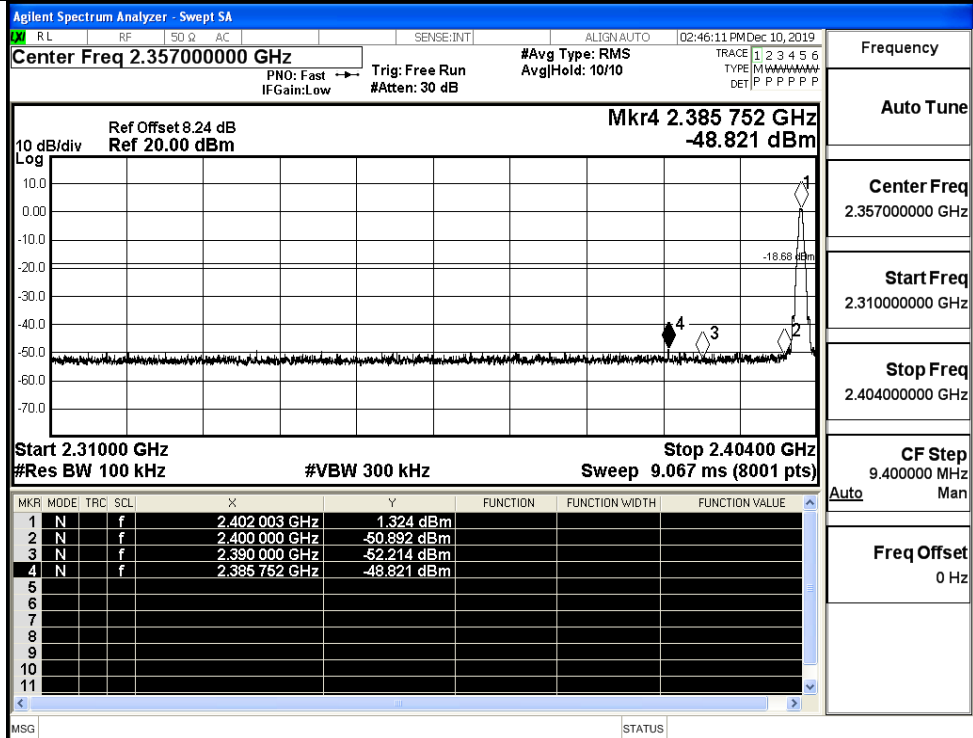
Frequency	2.483500000 GHz
Auto Tune	
Center Freq	2.483500000 GHz
Start Freq	2.453500000 GHz
Stop Freq	2.513500000 GHz
CF Step	6.000000 MHz
Freq Offset	0 Hz

Right Ear

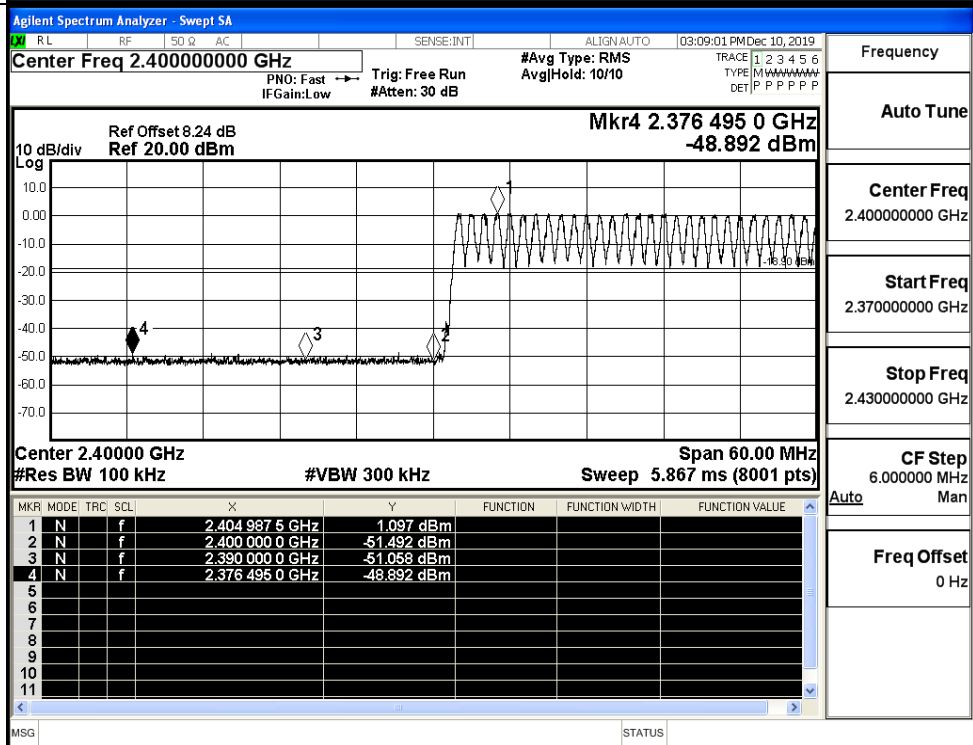
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	1.324	Off	-48.821	-18.68	PASS
			1.097	On	-48.892	-18.9	PASS
	HCH	2480	-0.464	Off	-48.900	-20.46	PASS
			-0.396	On	-48.853	-20.4	PASS
$\pi/4$ DQPSK	LCH	2402	1.120	Off	-48.529	-18.88	PASS
			1.560	On	-48.694	-18.44	PASS
	HCH	2480	-0.515	Off	-49.163	-20.52	PASS
			0.508	On	-39.309	-19.49	PASS
8DPSK	LCH	2402	1.412	Off	-49.449	-18.59	PASS
			1.795	On	-48.902	-18.21	PASS
	HCH	2480	-0.539	Off	-48.491	-20.54	PASS
			0.420	On	-33.879	-19.58	PASS

Test Graphs

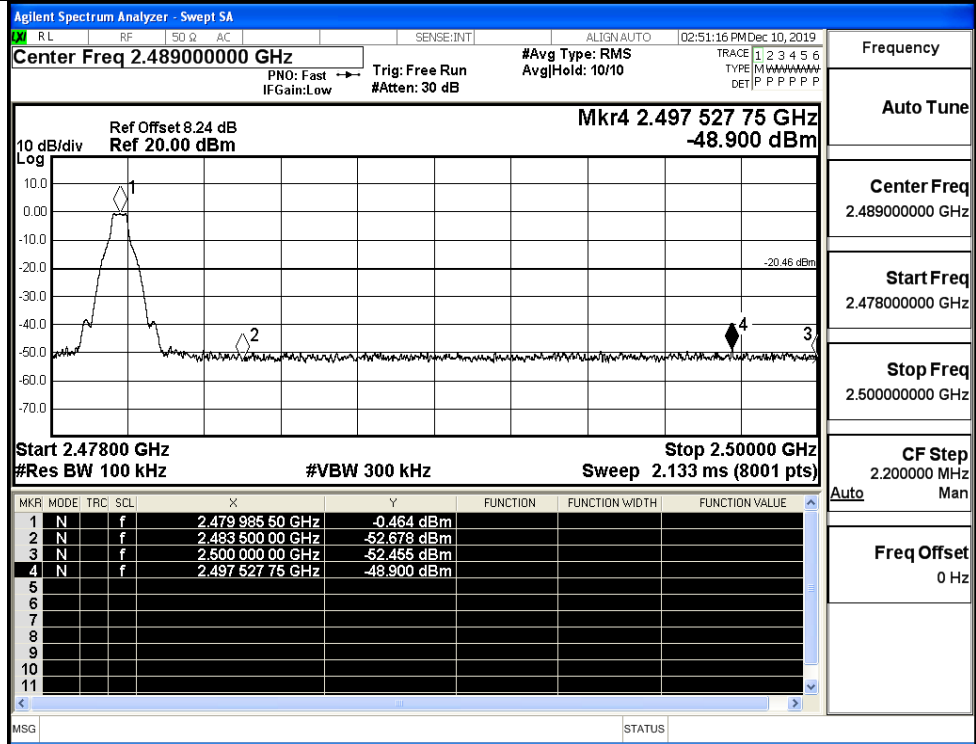
GFSK/LCH/No Hop



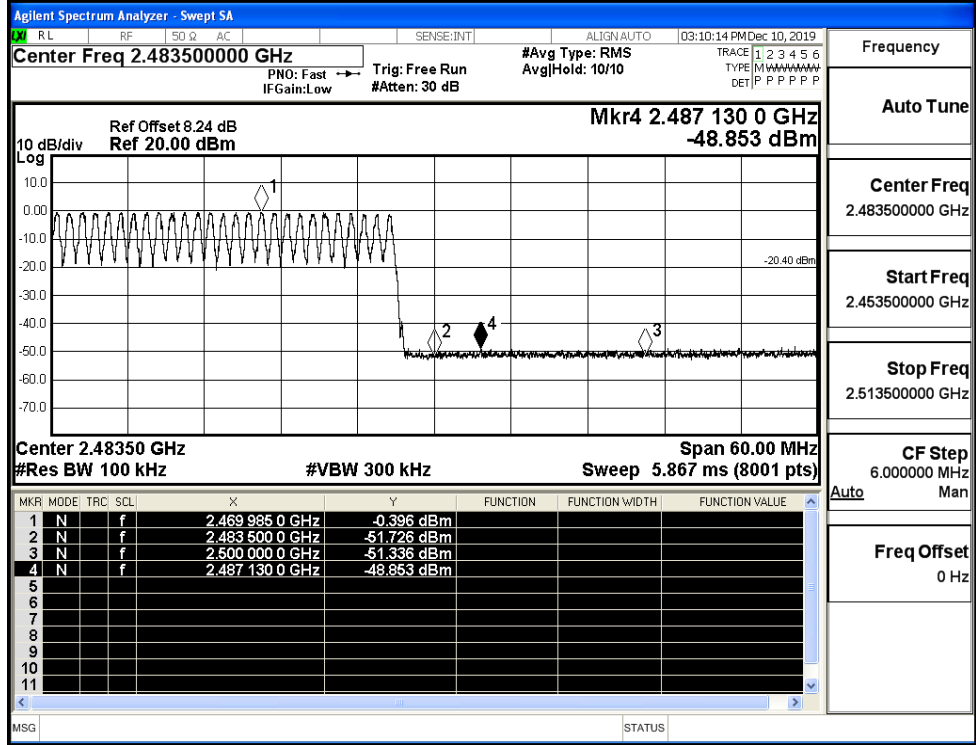
GFSK/LCH/Hop



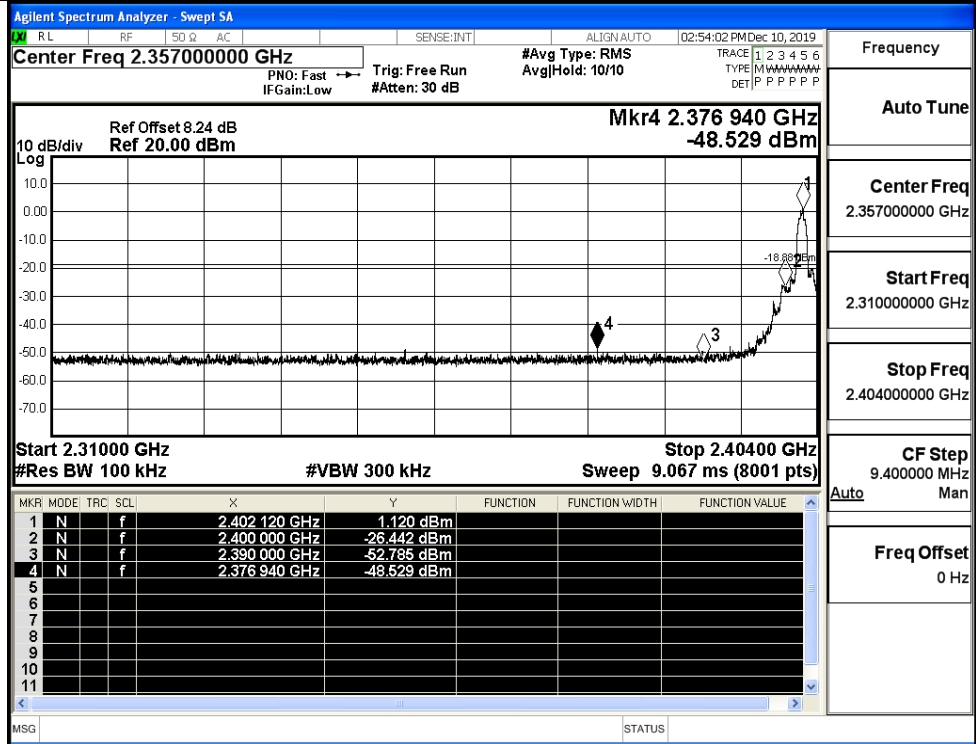
GFSK/HCH/No Hop



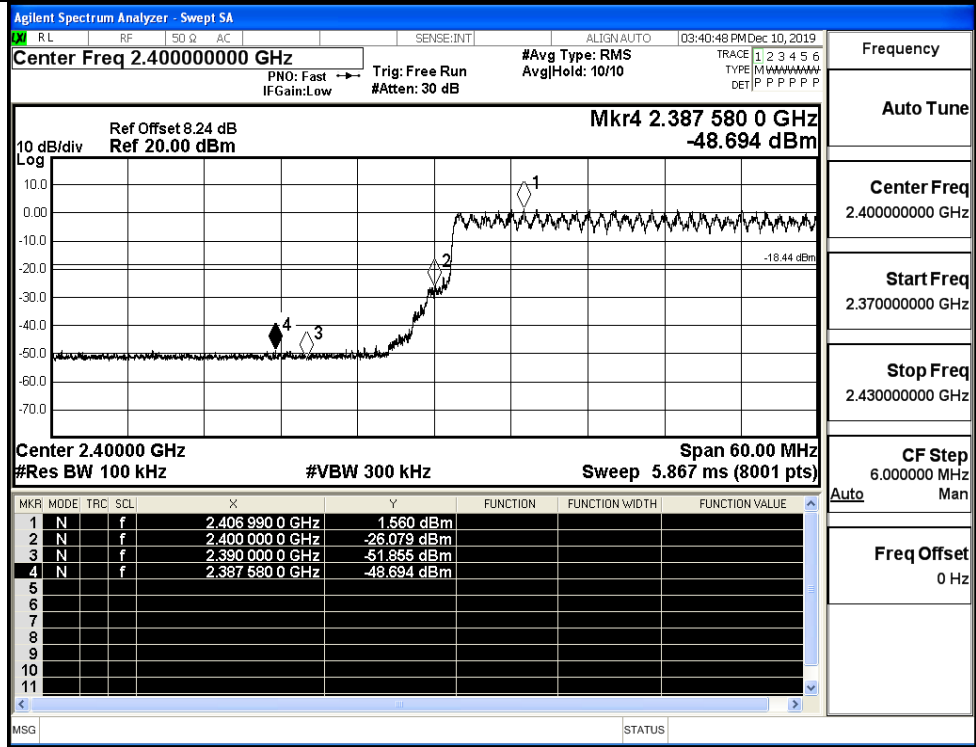
GFSK/HCH/Hop



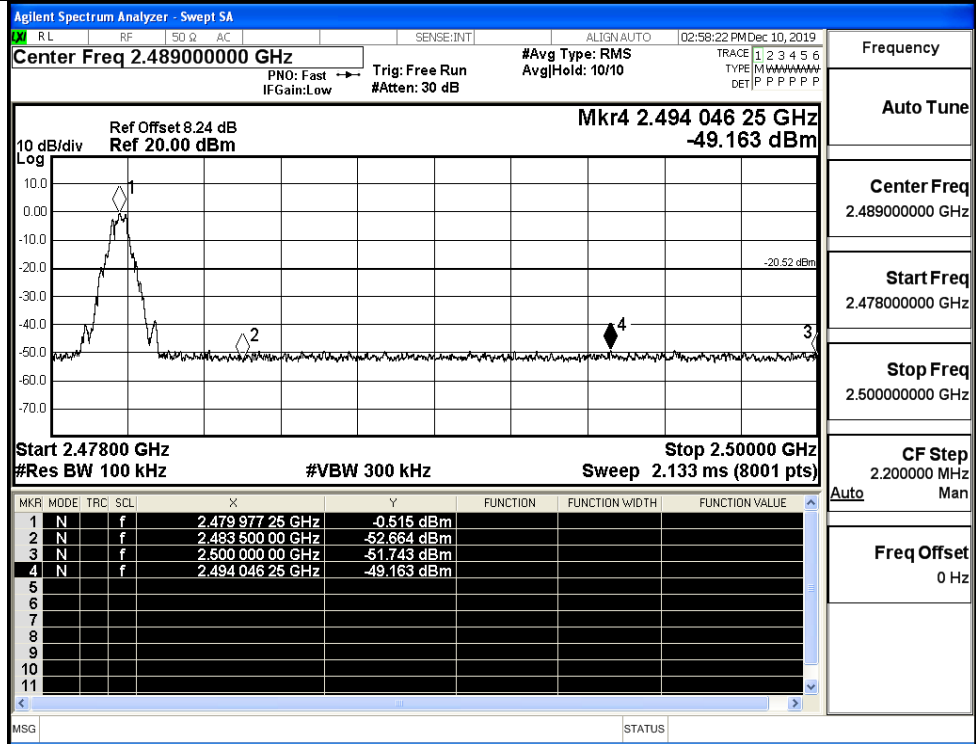
$\pi/4$ DQPSK/LCH/No
Hop



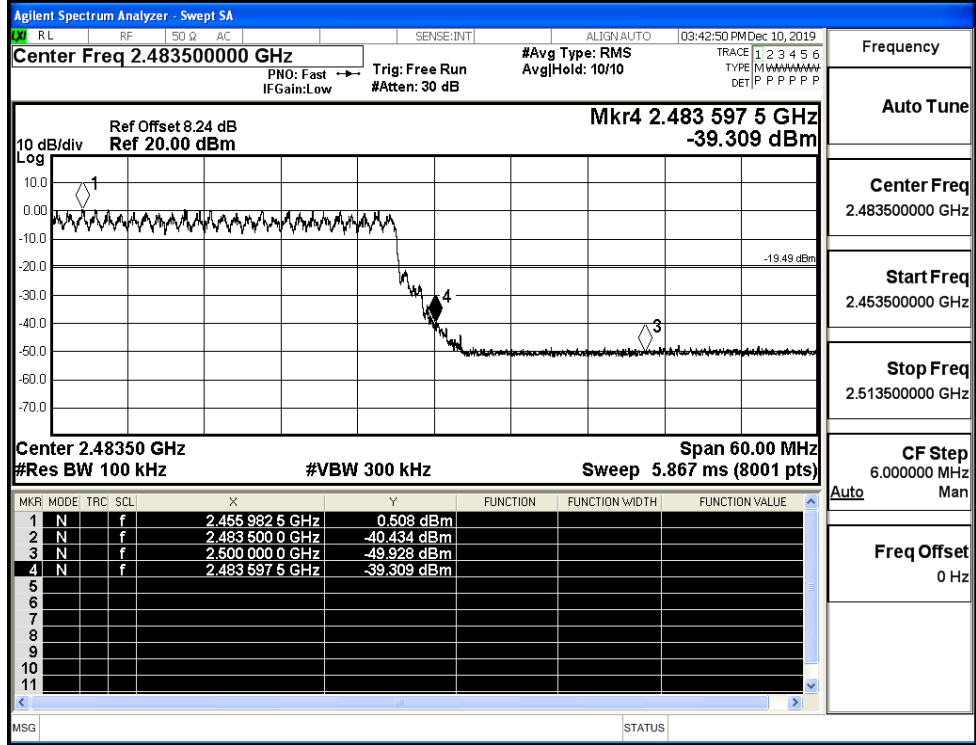
$\pi/4$ DQPSK/LCH/Hop



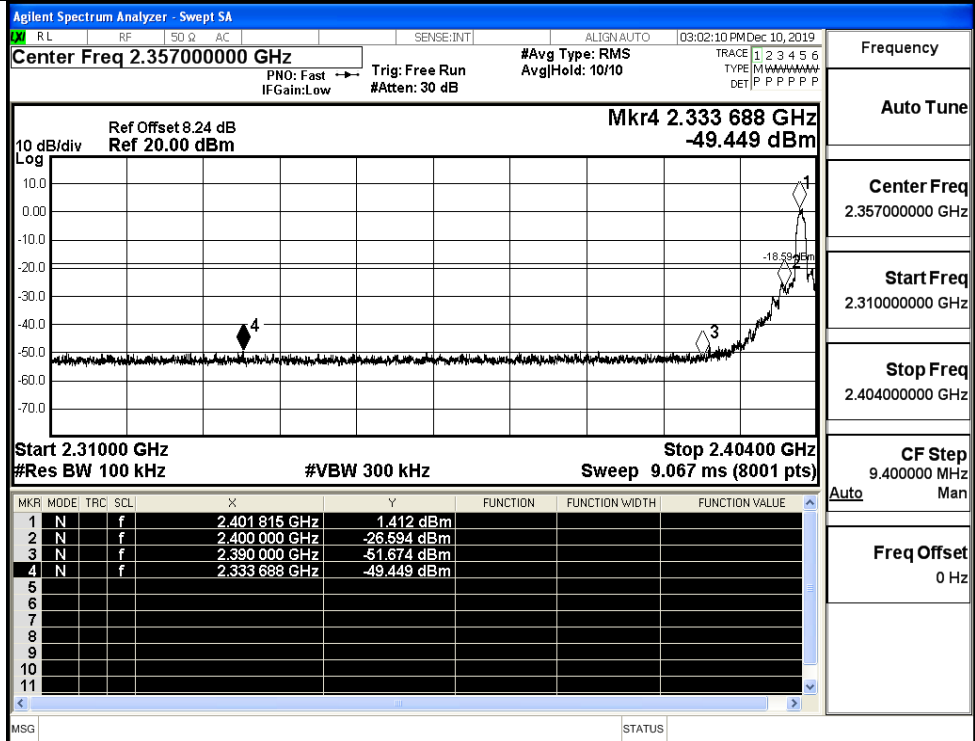
π /4DQPSK/HCH/No Hop



π /4DQPSK/HCH/Hop



8DPSK/LCH/No Hop



Frequency

Auto Tune

Center Freq
2.357000000 GHz

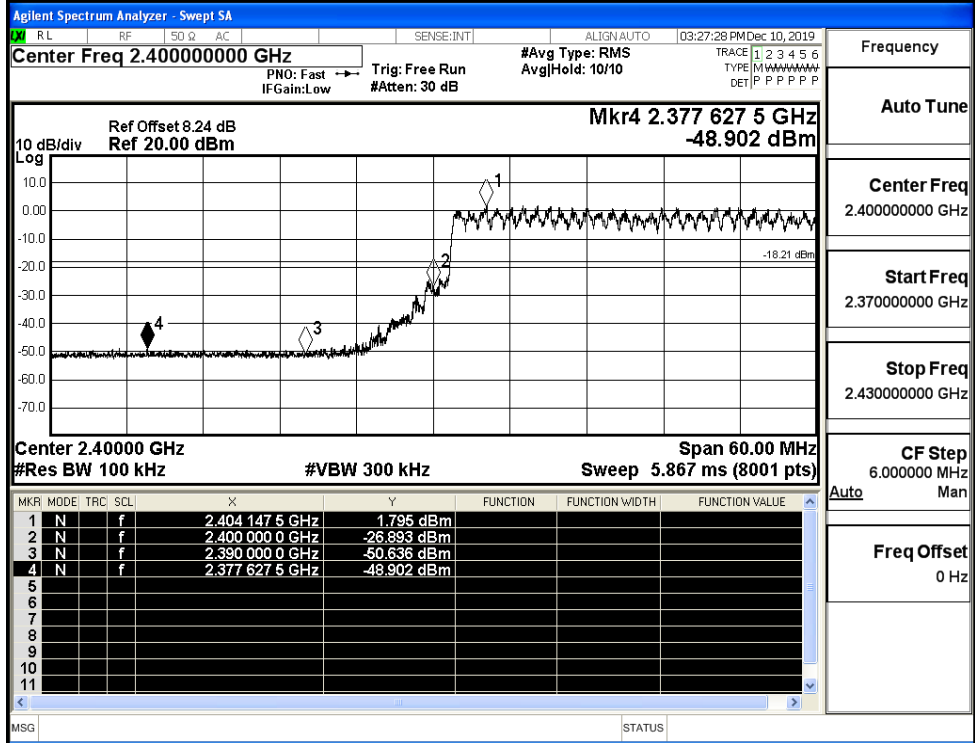
Start Freq
2.310000000 GHz

Stop Freq
2.404000000 GHz

CF Step
9.400000 MHz

Freq Offset
0 Hz

8DPSK/LCH/Hop



Frequency

Auto Tune

Center Freq
2.400000000 GHz

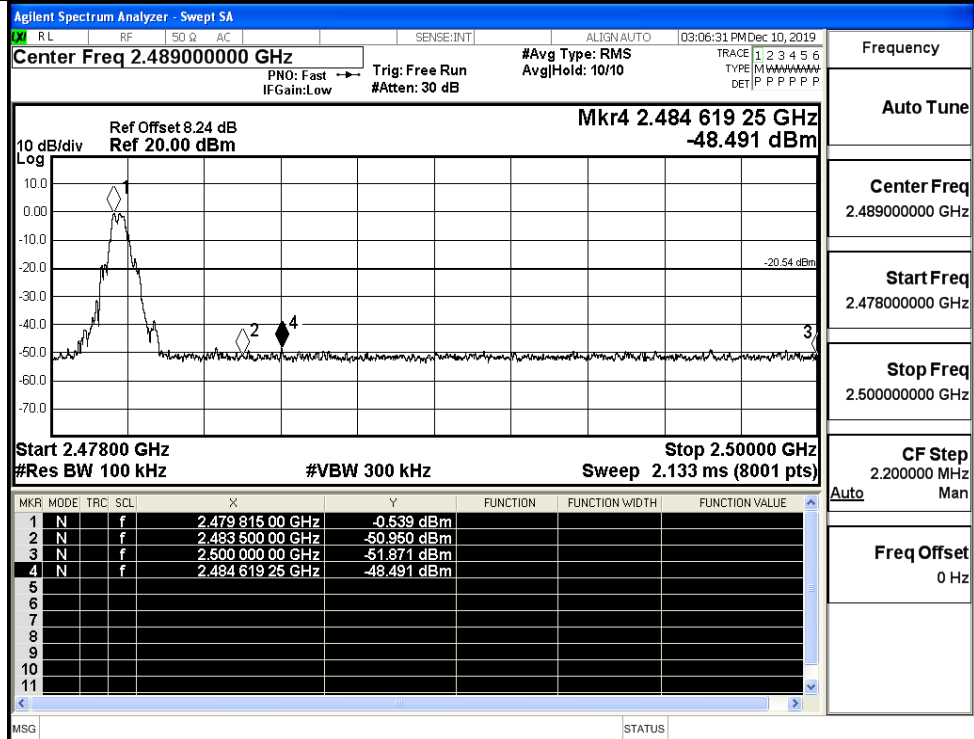
Start Freq
2.370000000 GHz

Stop Freq
2.430000000 GHz

CF Step
6.000000 MHz

Freq Offset
0 Hz

8DPSK/HCH/No Hop



Frequency

Auto Tune

Center Freq
2.489000000 GHz

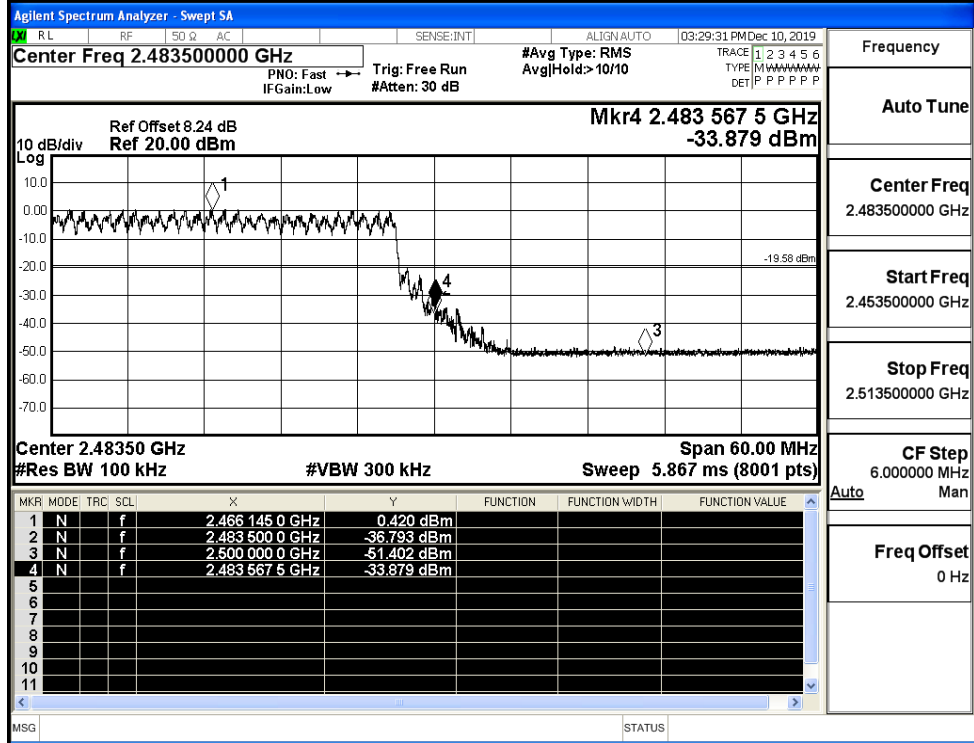
Start Freq
2.478000000 GHz

Stop Freq
2.500000000 GHz

CF Step
2.200000 MHz

Freq Offset
0 Hz

8DPSK/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

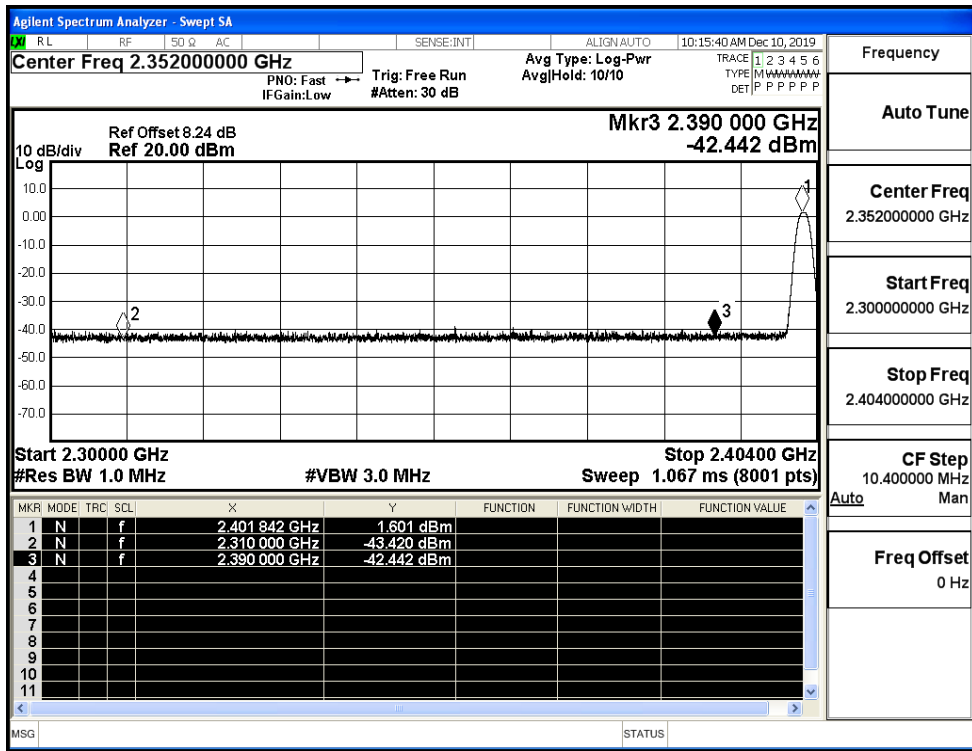
Freq Offset
0 Hz

A.8 Restrict-band band-edge measurements

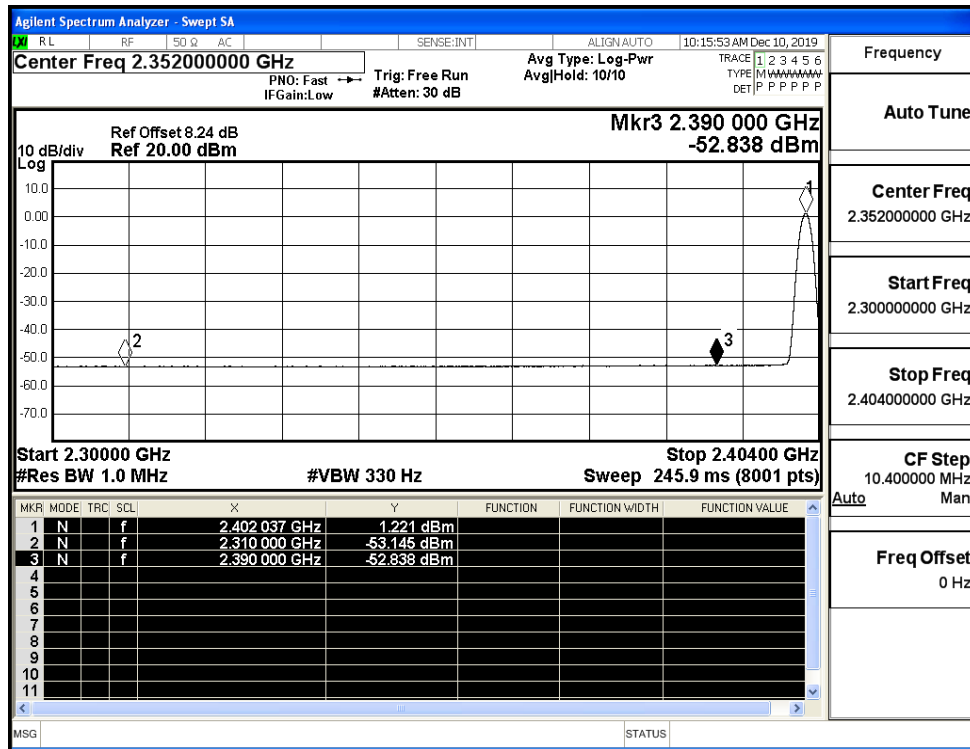
Left Ear

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-43.42	2.0	0	51.84	PEAK	74	PASS
	Off	2310.0	-53.15	2.0	0	42.11	AV	54	PASS
	Off	2390.0	-42.44	2.0	0	52.82	PEAK	74	PASS
	Off	2390.0	-52.84	2.0	0	42.42	AV	54	PASS
	Off	2483.5	-41.22	2.0	0	54.04	PEAK	74	PASS
	Off	2483.5	-52.32	2.0	0	42.94	AV	54	PASS
	Off	2500.0	-41.61	2.0	0	53.64	PEAK	74	PASS
	Off	2500.0	-52.24	2.0	0	43.02	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-42.16	2.0	0	53.10	PEAK	74	PASS
	Off	2310.0	-53.10	2.0	0	42.16	AV	54	PASS
	Off	2390.0	-42.20	2.0	0	53.06	PEAK	74	PASS
	Off	2390.0	-52.50	2.0	0	42.76	AV	54	PASS
	Off	2483.5	-42.79	2.0	0	52.47	PEAK	74	PASS
	Off	2483.5	-52.34	2.0	0	42.92	AV	54	PASS
	Off	2500.0	-41.18	2.0	0	54.08	PEAK	74	PASS
	Off	2500.0	-52.08	2.0	0	43.18	AV	54	PASS
8DPSK	Off	2310.0	-44.05	2.0	0	51.21	PEAK	74	PASS
	Off	2310.0	-53.29	2.0	0	41.97	AV	54	PASS
	Off	2390.0	-39.88	2.0	0	55.38	PEAK	74	PASS
	Off	2390.0	-52.36	2.0	0	42.90	AV	54	PASS
	Off	2483.5	-42.29	2.0	0	52.97	PEAK	74	PASS
	Off	2483.5	-52.30	2.0	0	42.96	AV	54	PASS
	Off	2500.0	-42.65	2.0	0	52.61	PEAK	74	PASS
	Off	2500.0	-52.19	2.0	0	43.06	AV	54	PASS

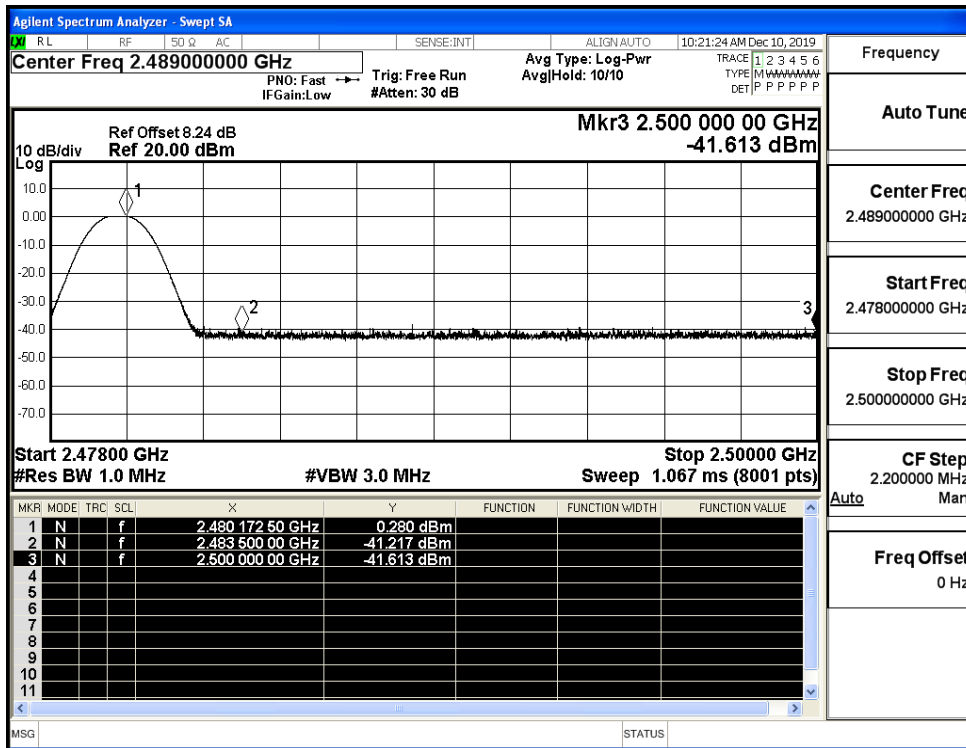
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (Low Channel)



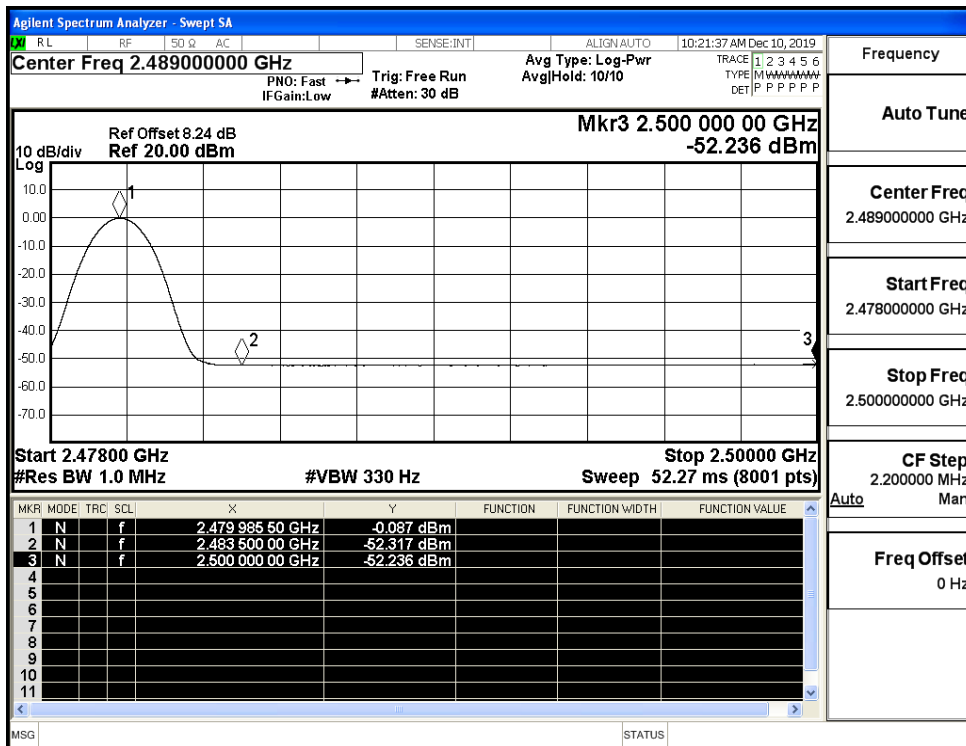
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (Low Channel)



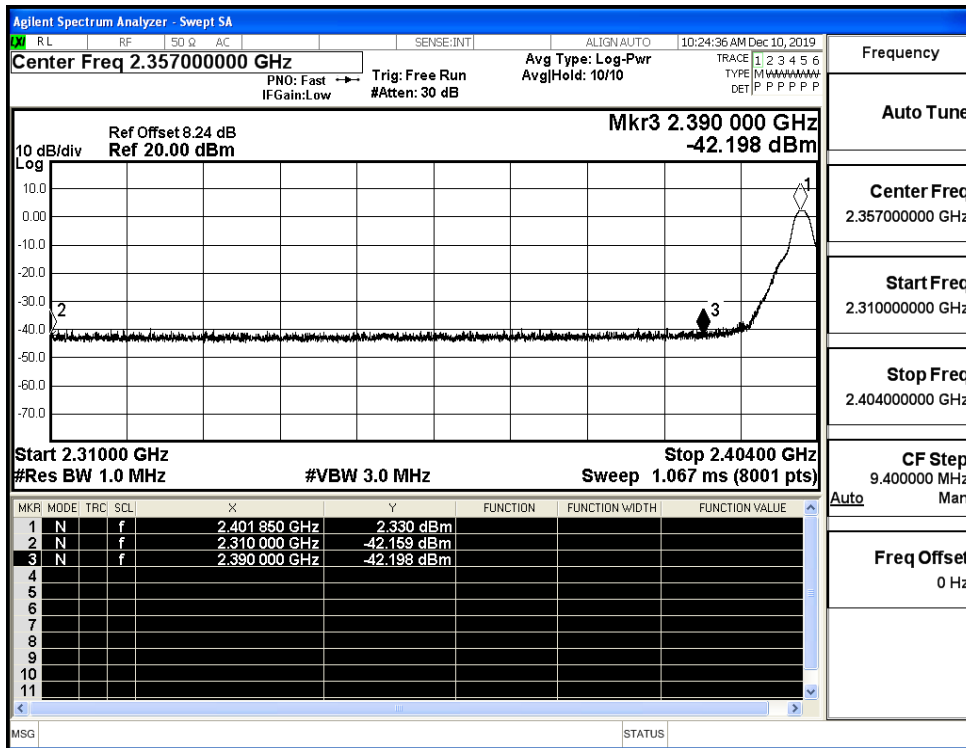
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (High Channel)



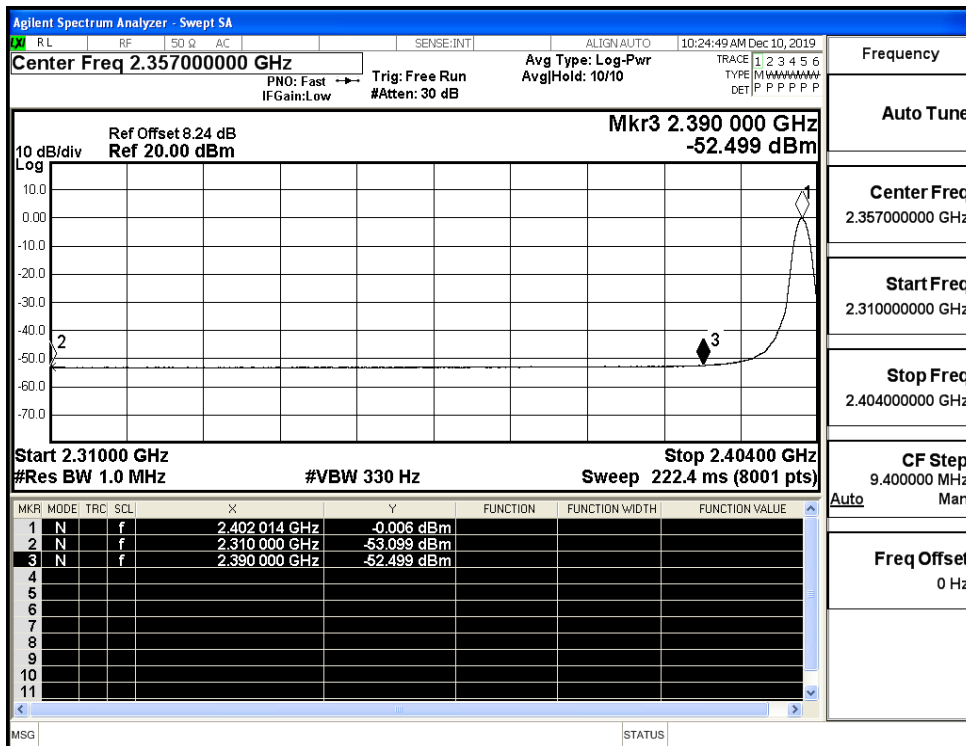
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (High Channel)



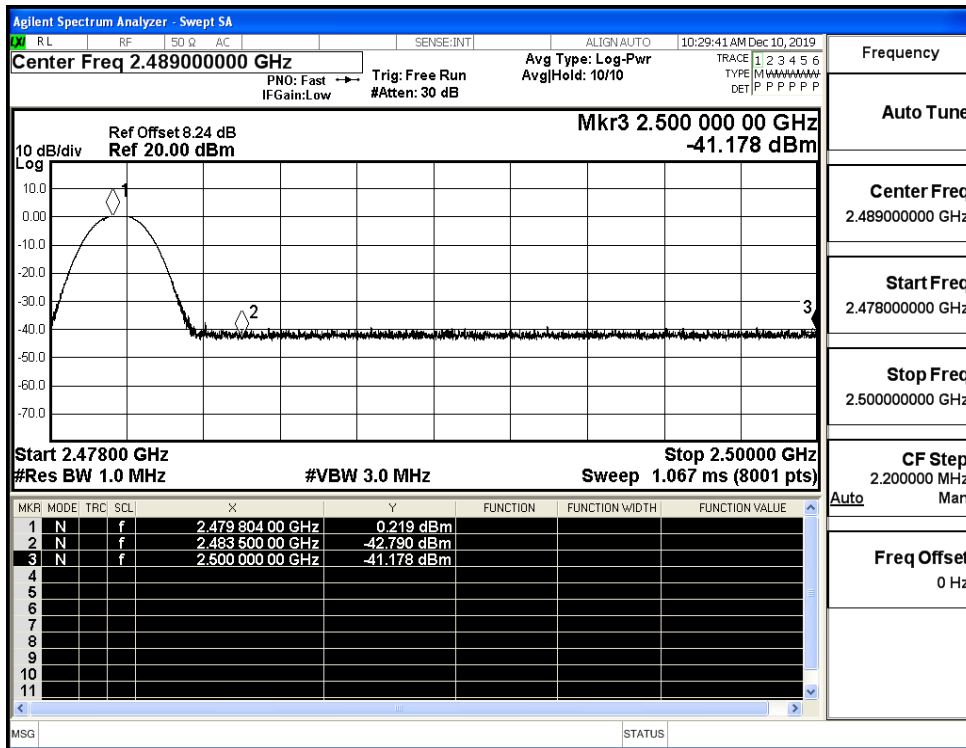
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_PEAK (Low Channel)



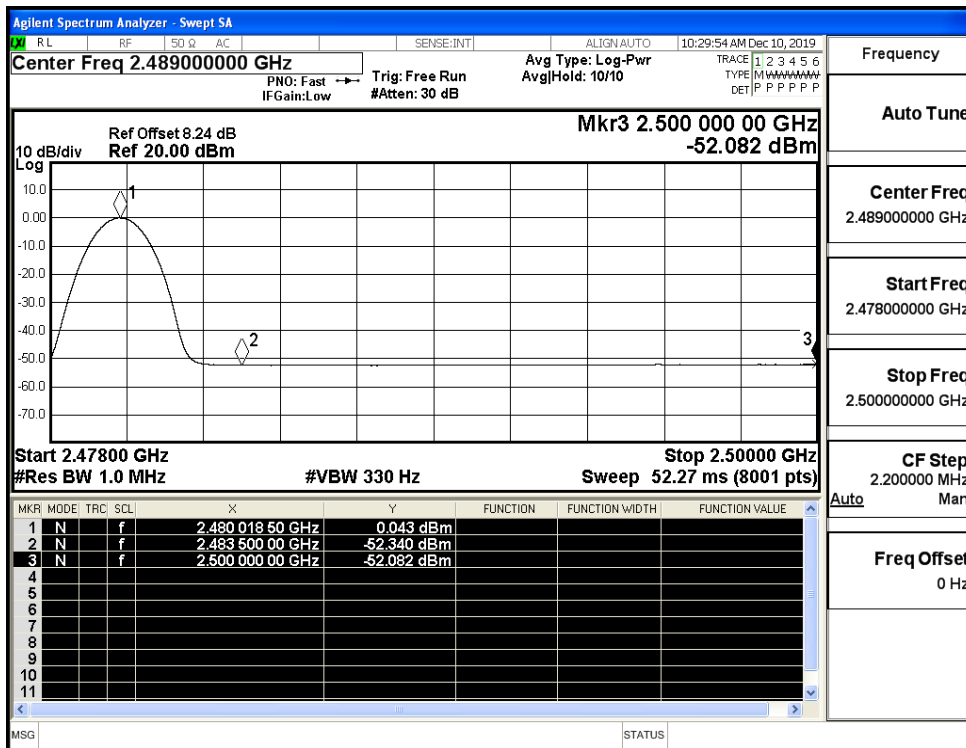
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_Average (Low Channel)



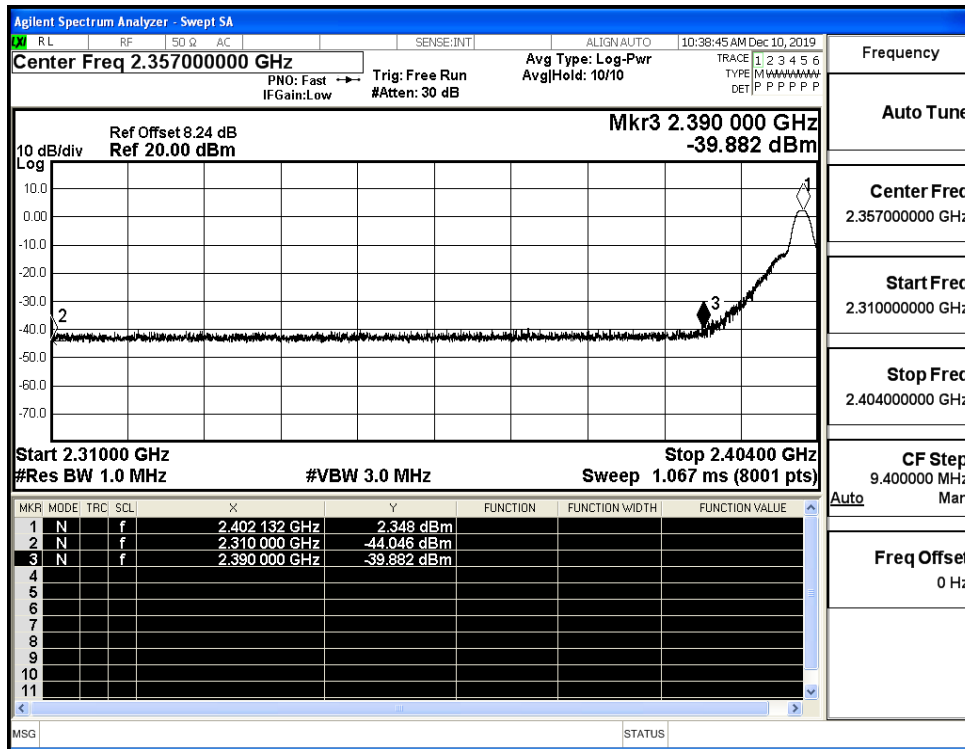
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



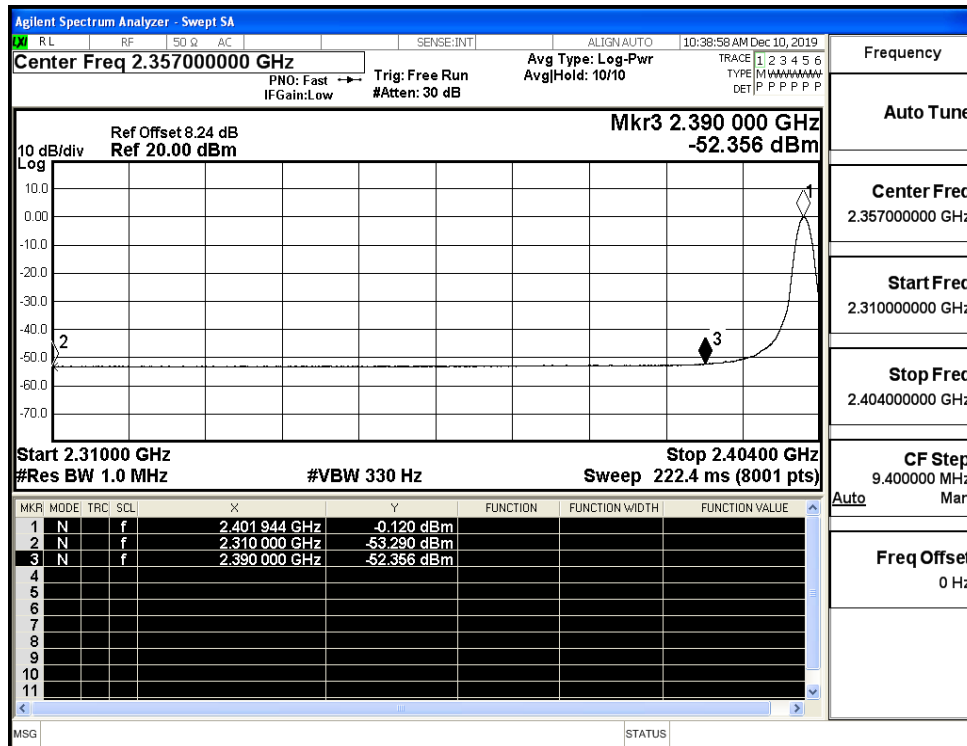
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



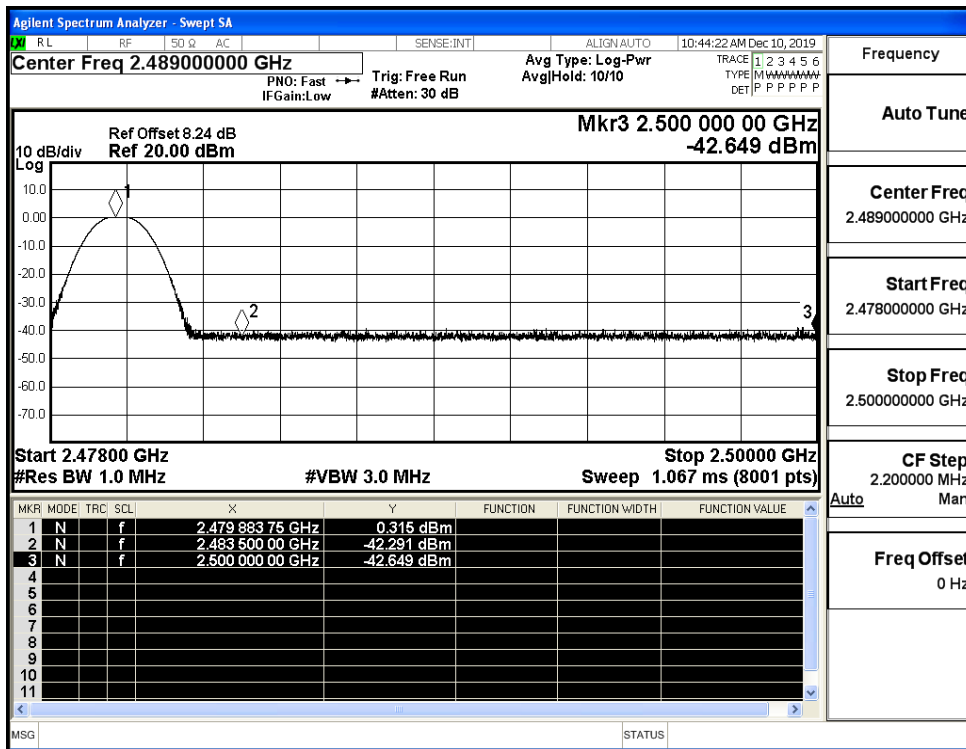
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



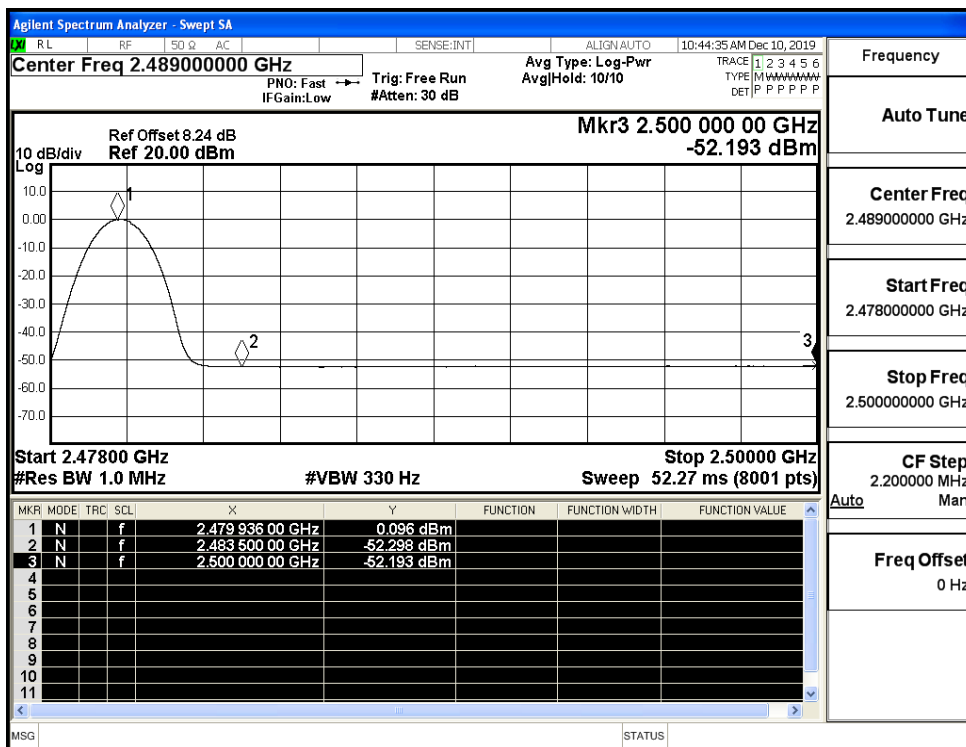
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



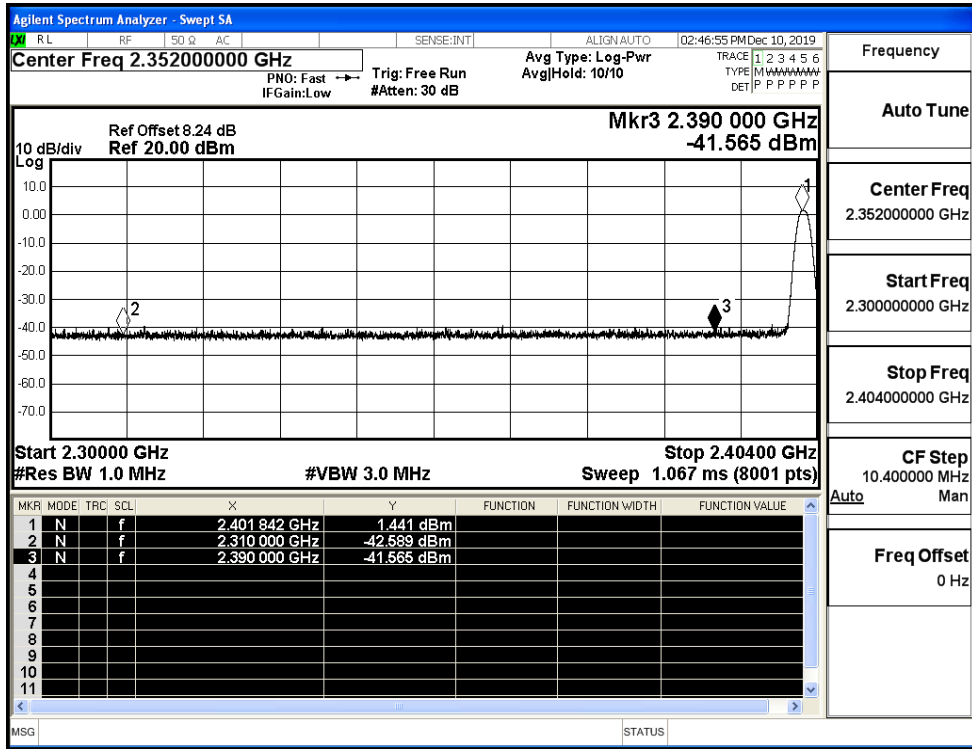
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (High Channel)



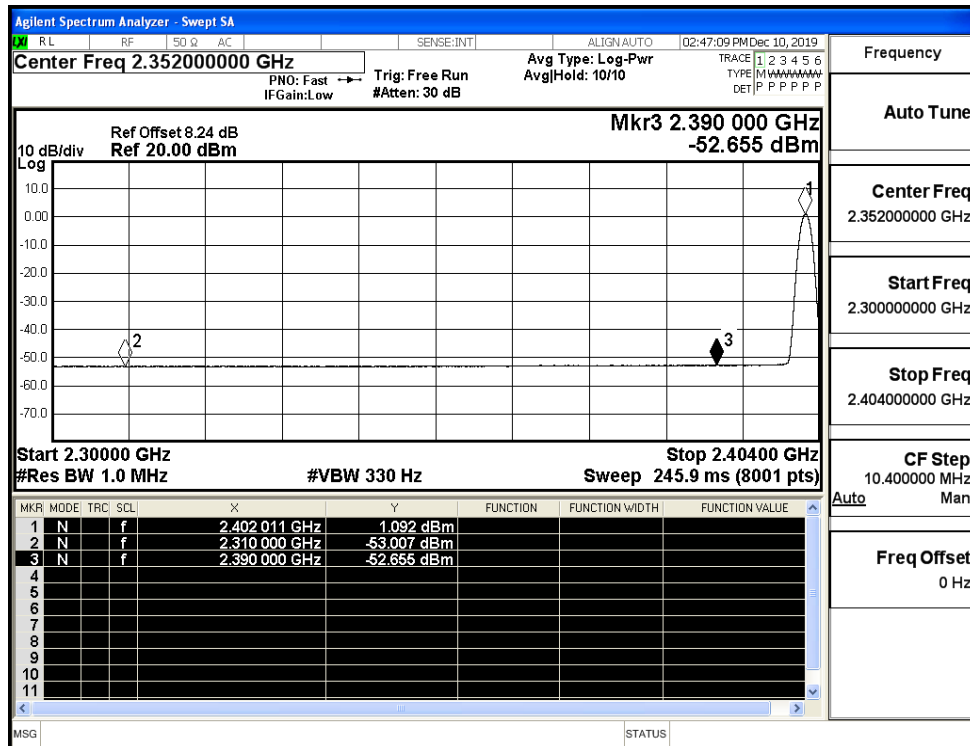
Right Ear

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-42.59	2.0	0	52.67	PEAK	74	PASS
	Off	2310.0	-53.01	2.0	0	42.25	AV	54	PASS
	Off	2390.0	-41.57	2.0	0	53.69	PEAK	74	PASS
	Off	2390.0	-52.66	2.0	0	42.60	AV	54	PASS
	Off	2483.5	-42.88	2.0	0	52.38	PEAK	74	PASS
	Off	2483.5	-52.15	2.0	0	43.10	AV	54	PASS
	Off	2500.0	-42.10	2.0	0	53.15	PEAK	74	PASS
	Off	2500.0	-52.15	2.0	0	43.11	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-42.57	2.0	0	52.69	PEAK	74	PASS
	Off	2310.0	-53.19	2.0	0	42.07	AV	54	PASS
	Off	2390.0	-41.80	2.0	0	53.46	PEAK	74	PASS
	Off	2390.0	-52.49	2.0	0	42.77	AV	54	PASS
	Off	2483.5	-42.44	2.0	0	52.82	PEAK	74	PASS
	Off	2483.5	-52.26	2.0	0	43.00	AV	54	PASS
	Off	2500.0	-42.22	2.0	0	53.04	PEAK	74	PASS
	Off	2500.0	-52.21	2.0	0	43.05	AV	54	PASS
8DPSK	Off	2310.0	-42.06	2.0	0	53.20	PEAK	74	PASS
	Off	2310.0	-53.11	2.0	0	42.14	AV	54	PASS
	Off	2390.0	-38.85	2.0	0	56.41	PEAK	74	PASS
	Off	2390.0	-52.38	2.0	0	42.88	AV	54	PASS
	Off	2483.5	-42.01	2.0	0	53.24	PEAK	74	PASS
	Off	2483.5	-52.33	2.0	0	42.93	AV	54	PASS
	Off	2500.0	-40.46	2.0	0	54.80	PEAK	74	PASS
	Off	2500.0	-52.07	2.0	0	43.18	AV	54	PASS

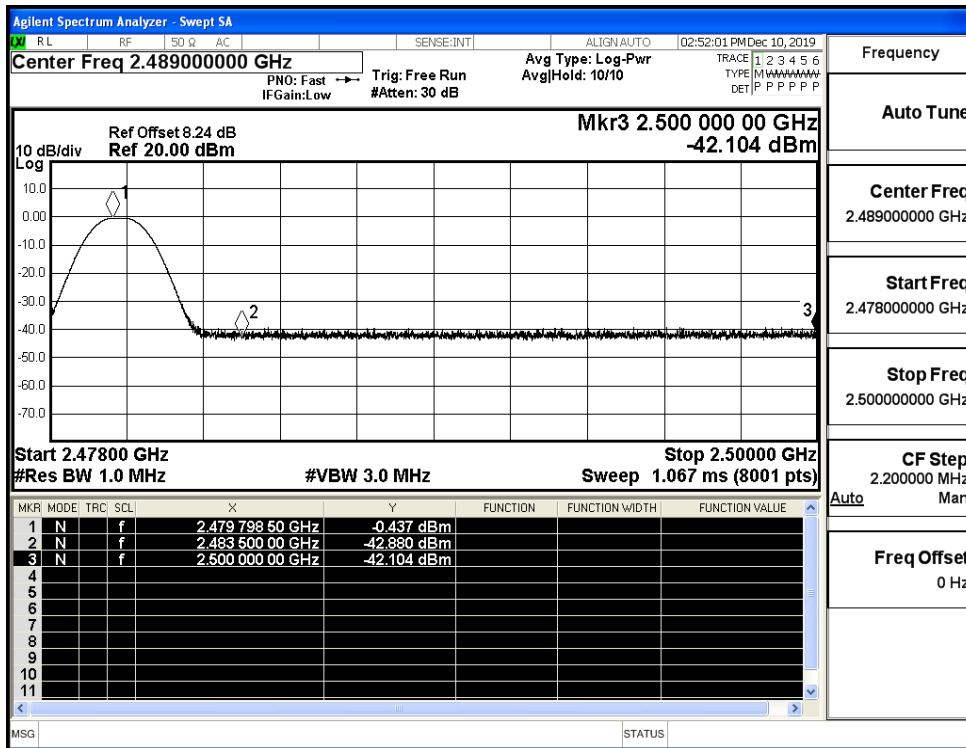
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (Low Channel)



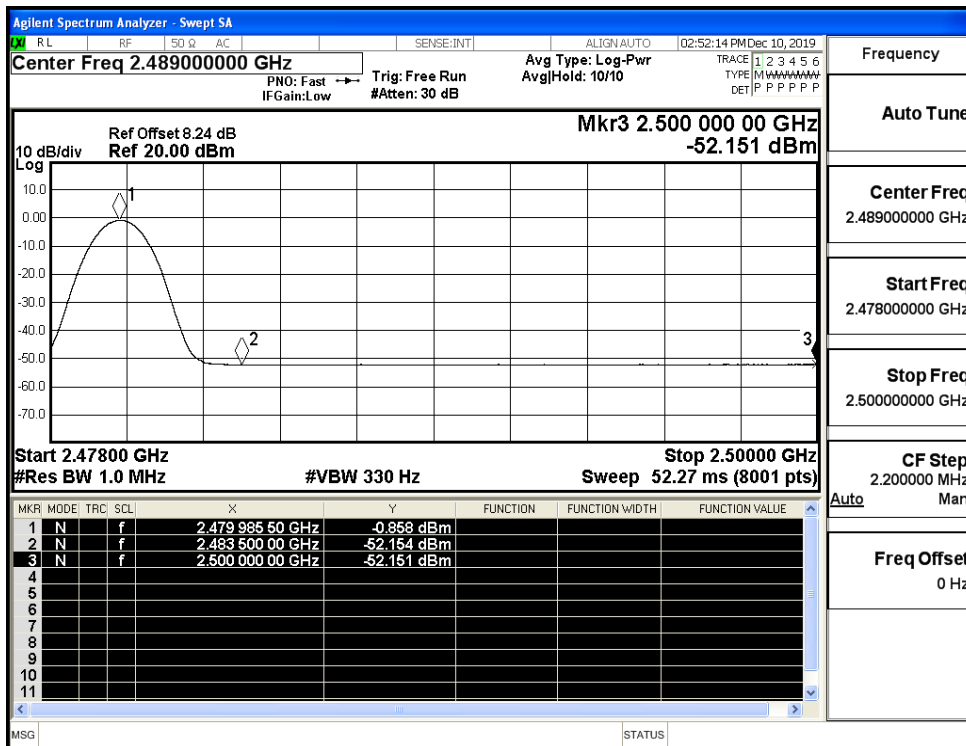
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (Low Channel)



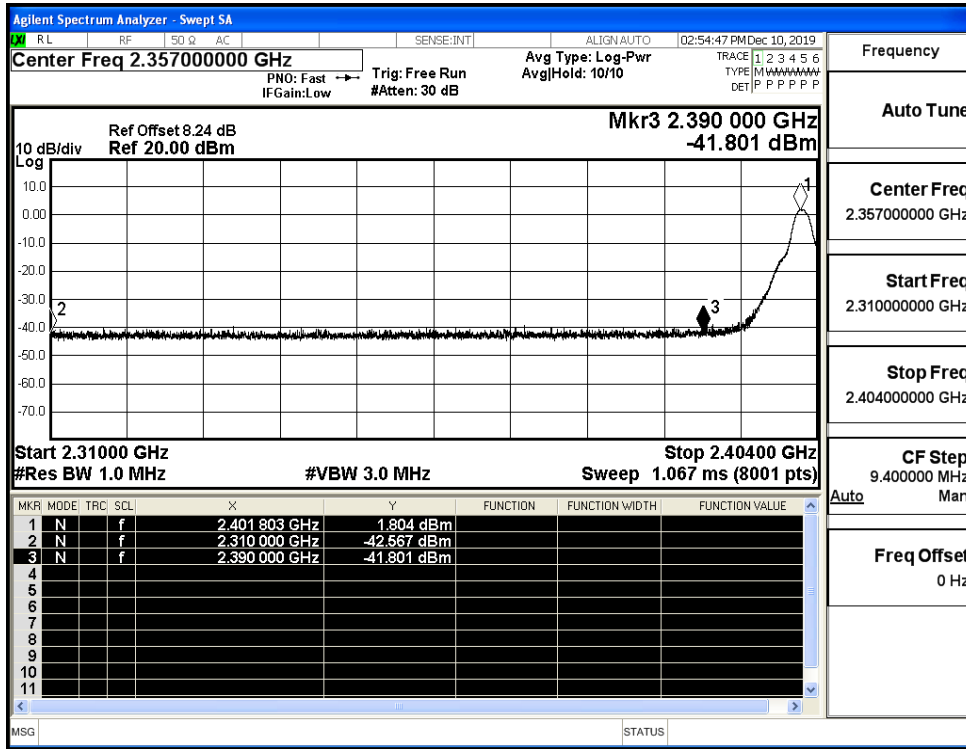
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (High Channel)



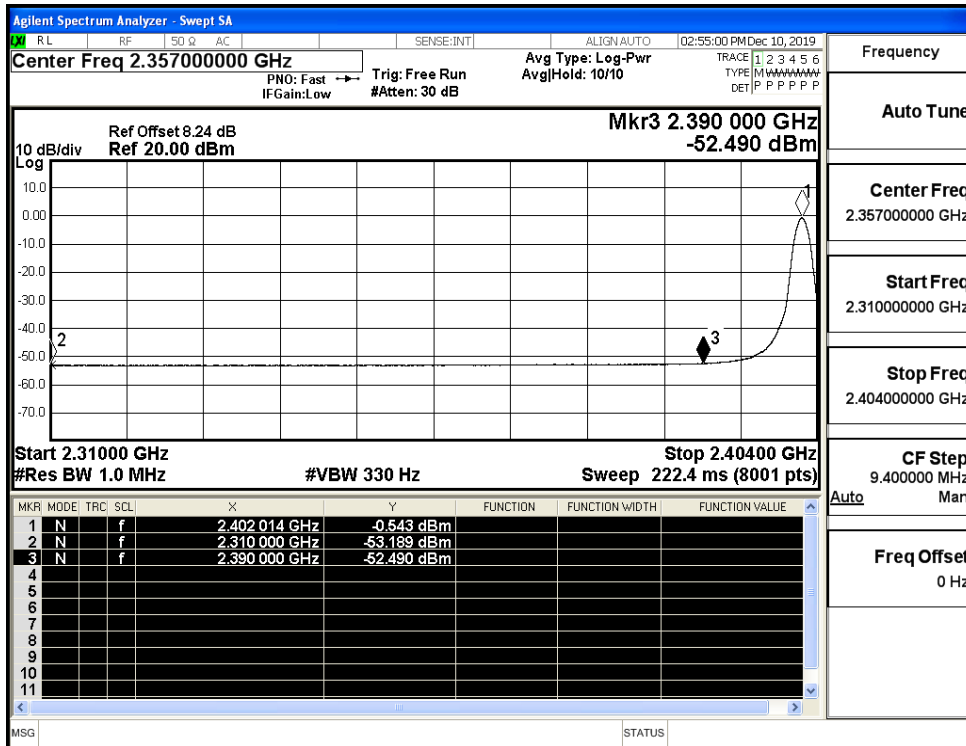
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (High Channel)



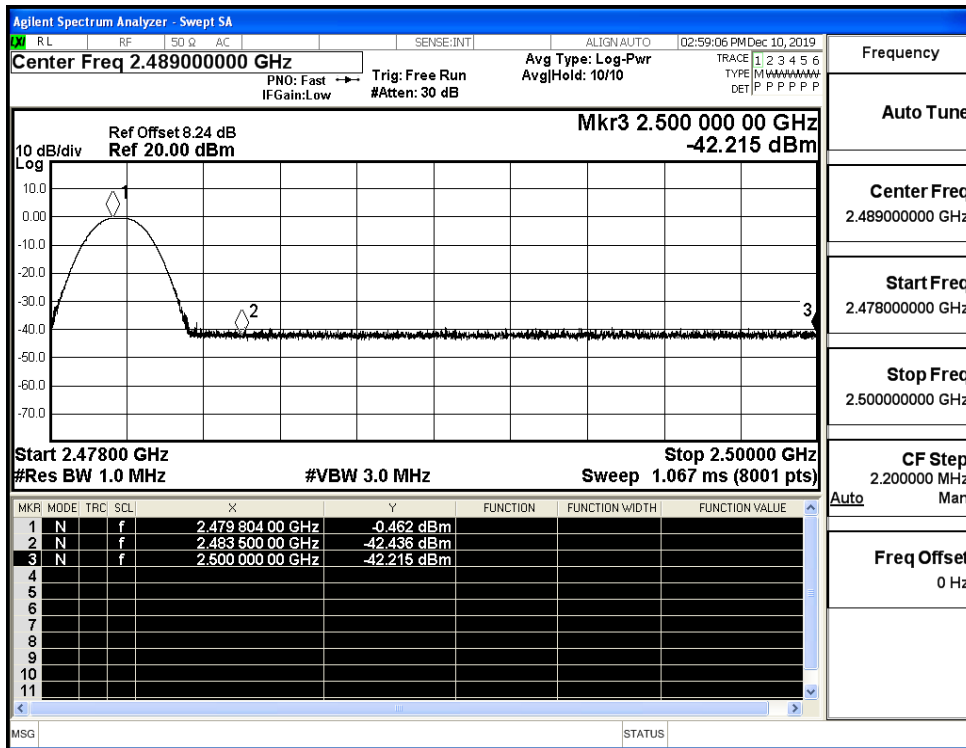
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_PEAK (Low Channel)



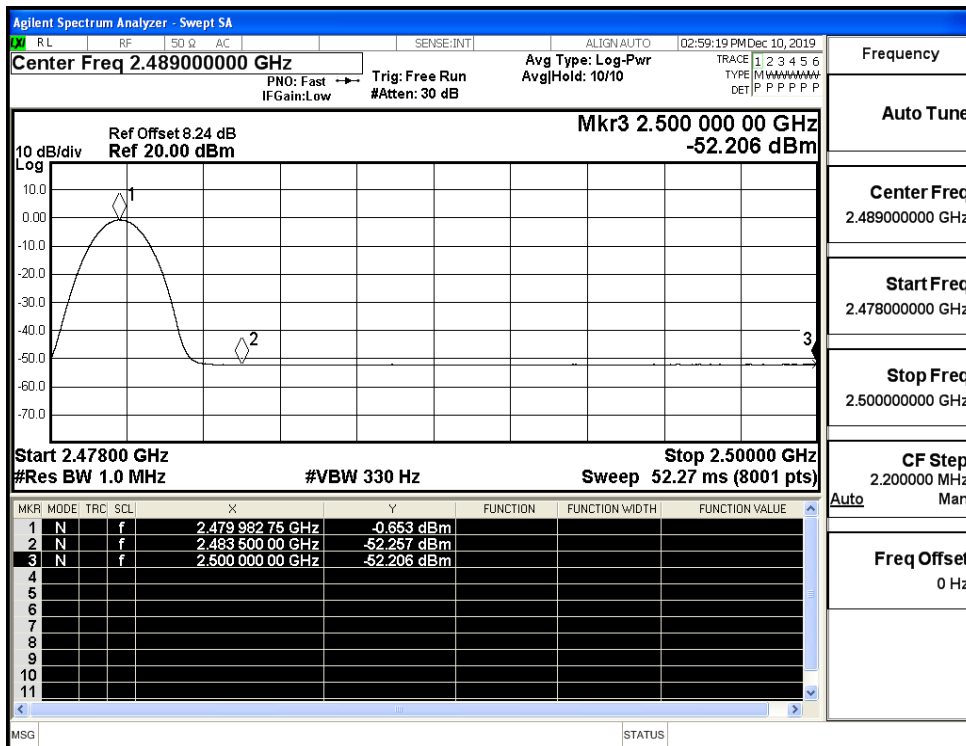
Restrict-band band-edge measurements_Hopping Off $\pi/4$ -DQPSK_Average (Low Channel)



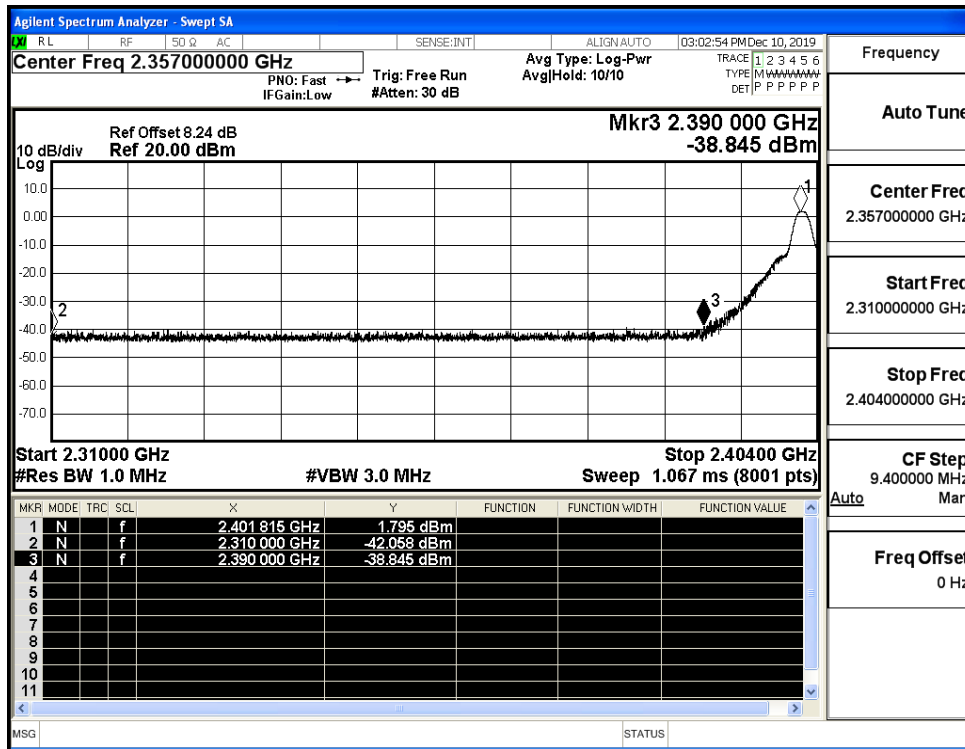
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



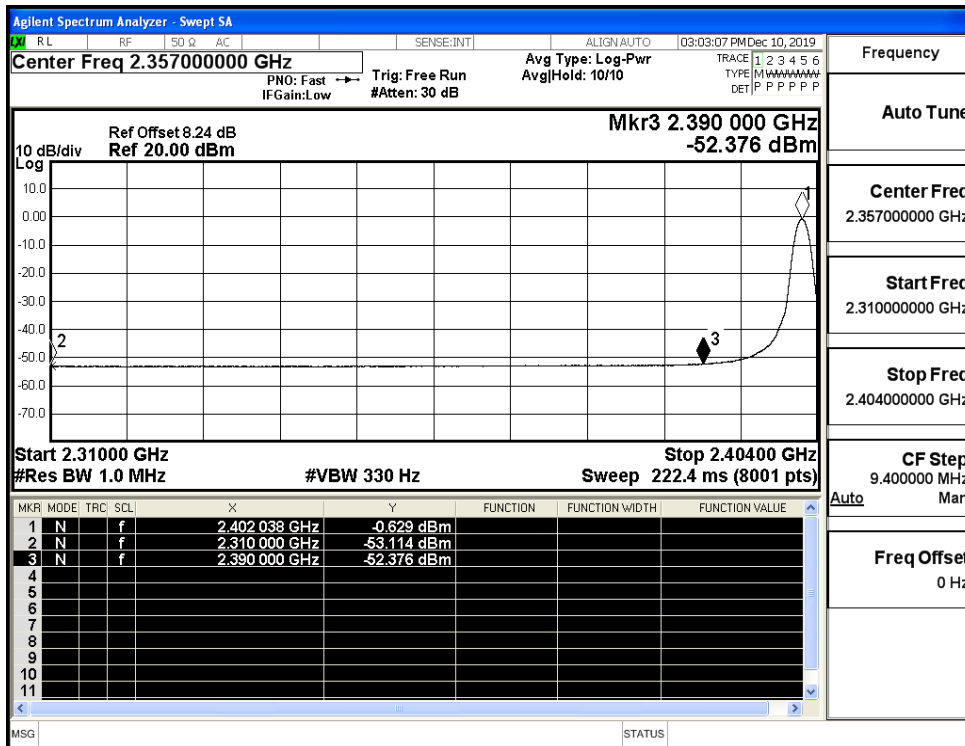
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



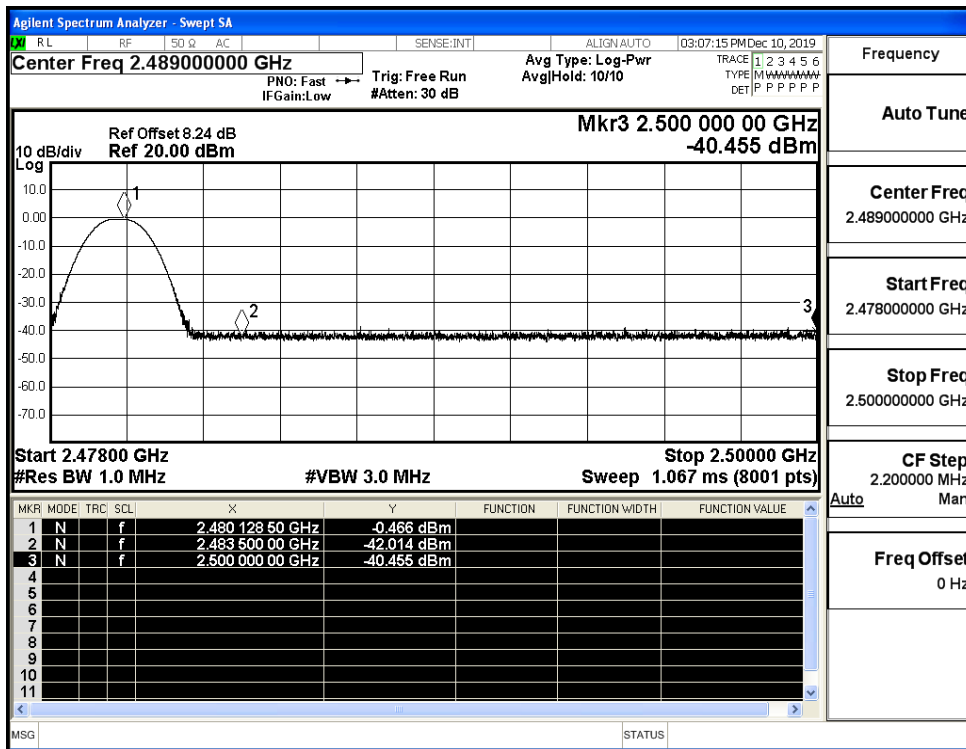
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



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)

