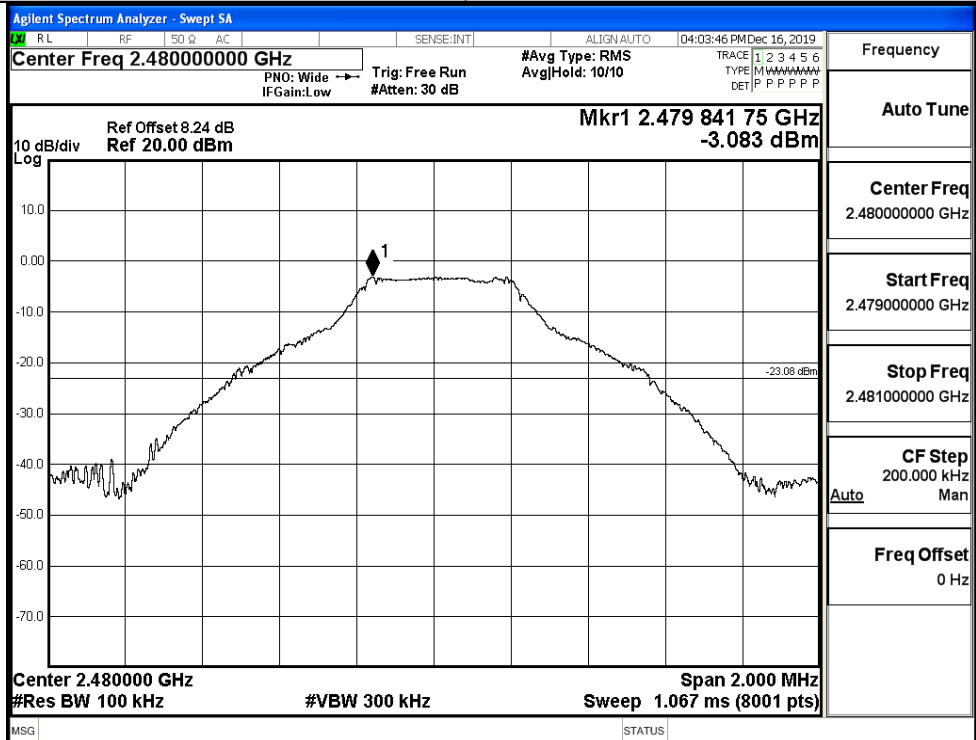
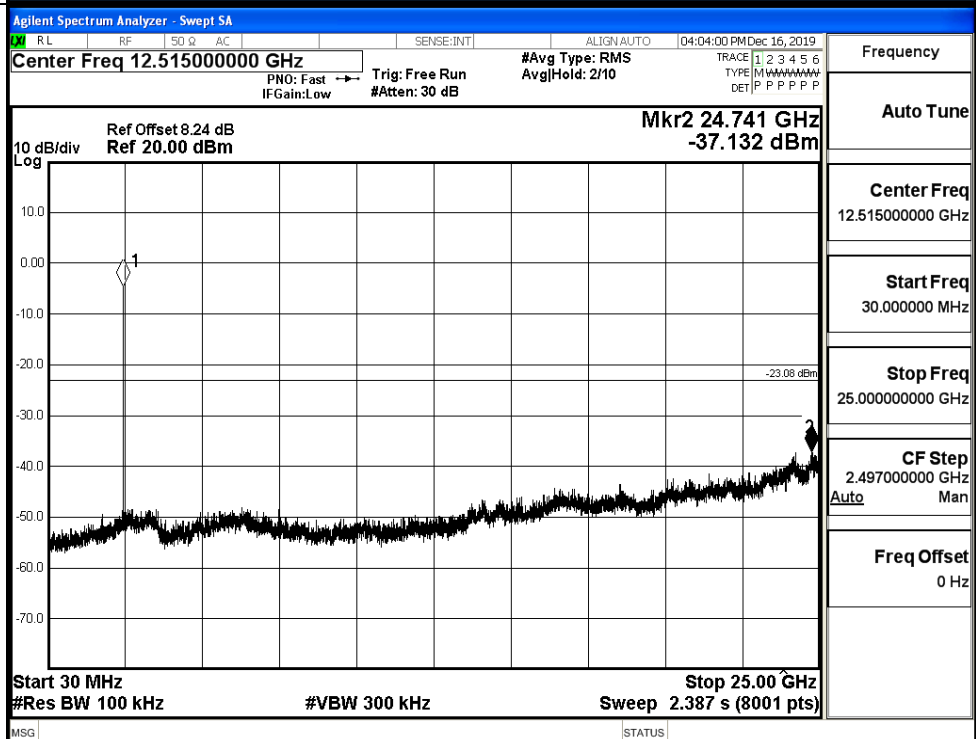


## GFSK\_HCH\_Graphs

Pref

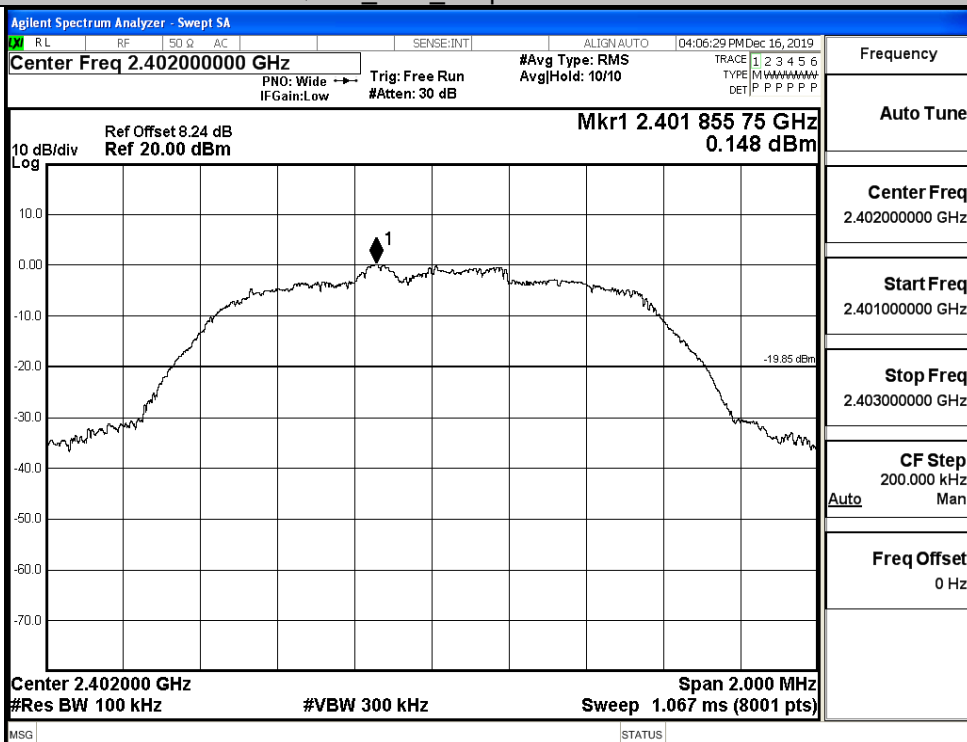


Puw

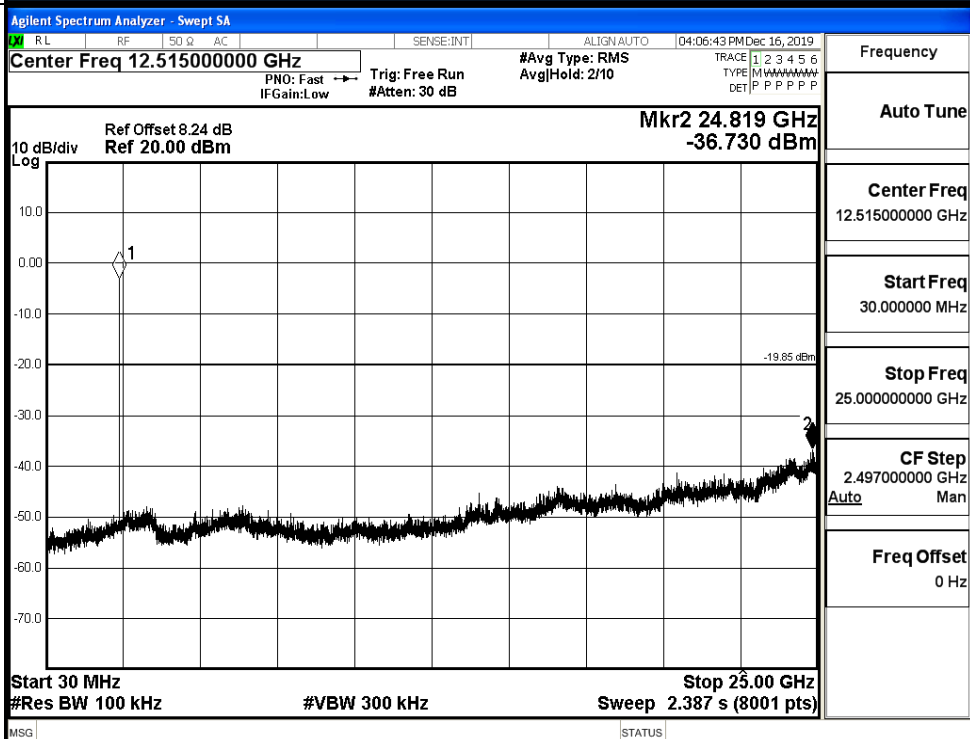


$\pi/4$ DQPSK\_LCH\_Graphs

Pref

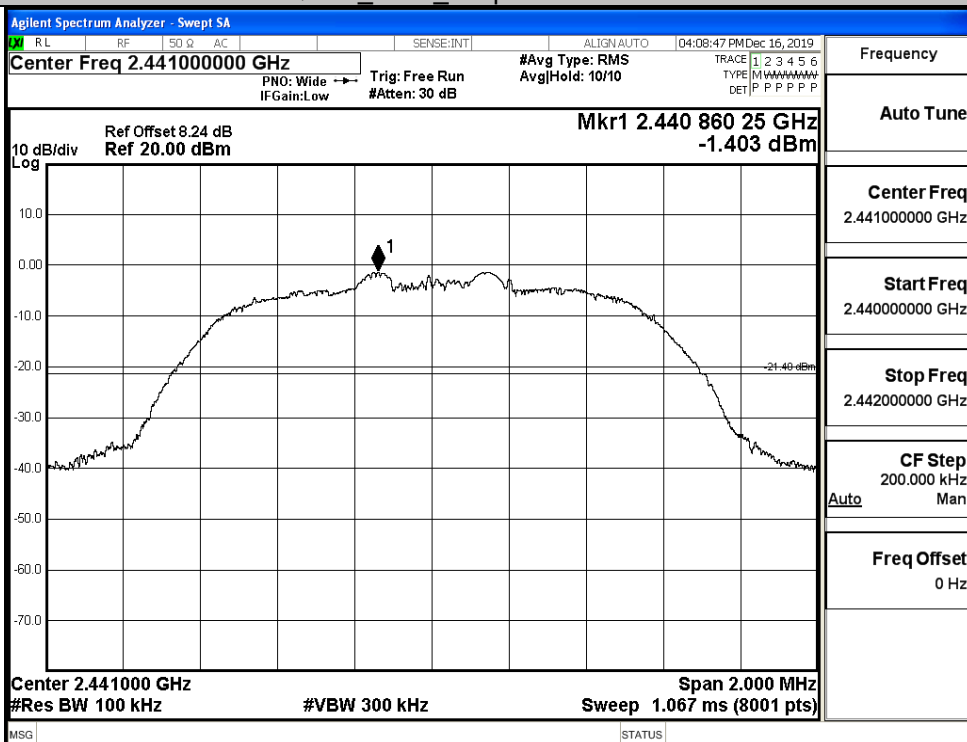


Puw

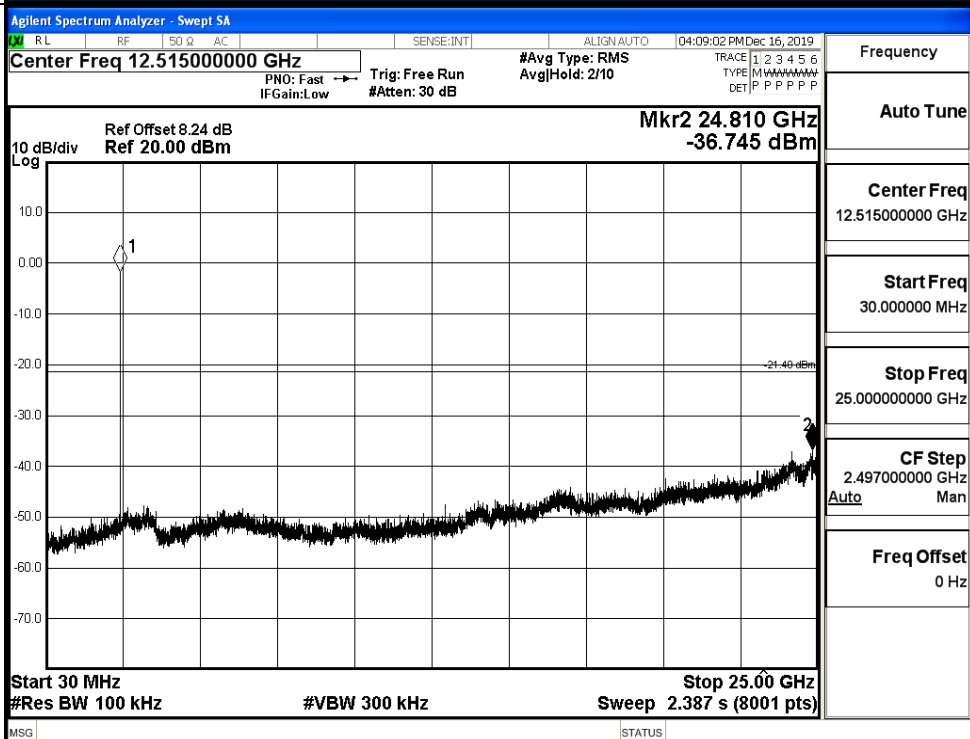


$\pi$ /4DQPSK\_MCH\_Graphs

Pref

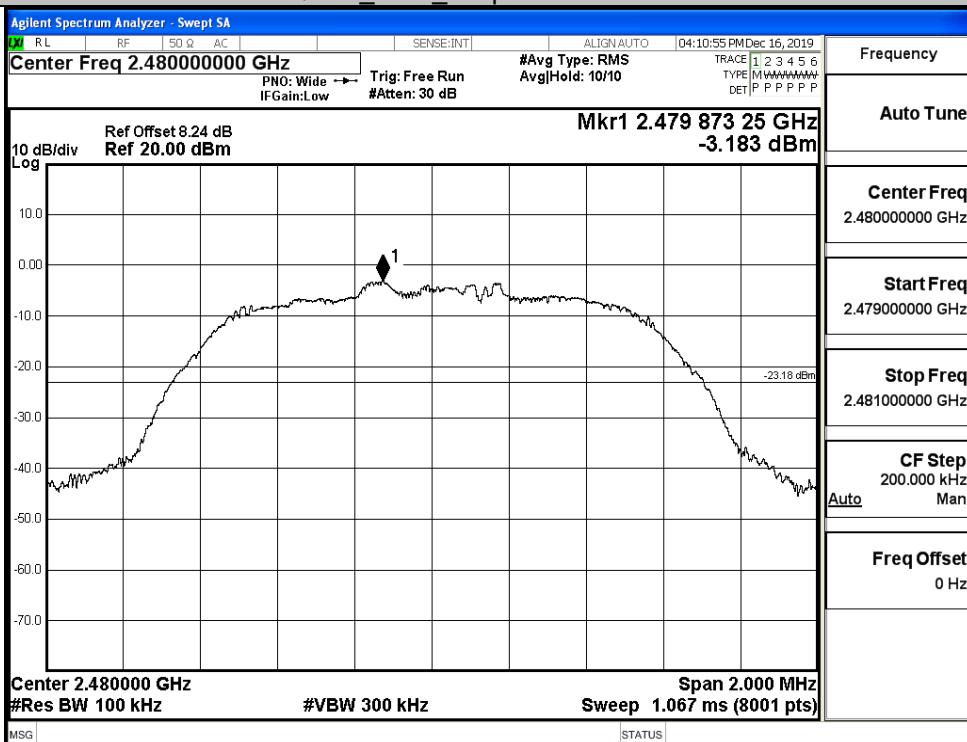


Puw

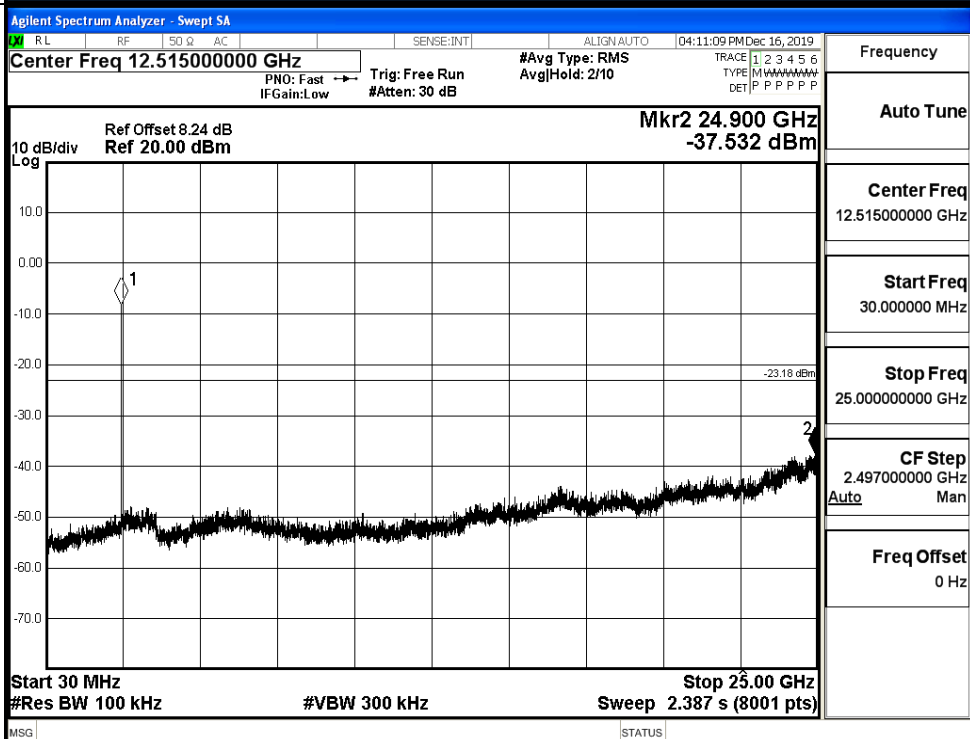


$\pi$ /4DQPSK\_HCH\_Graphs

Pref

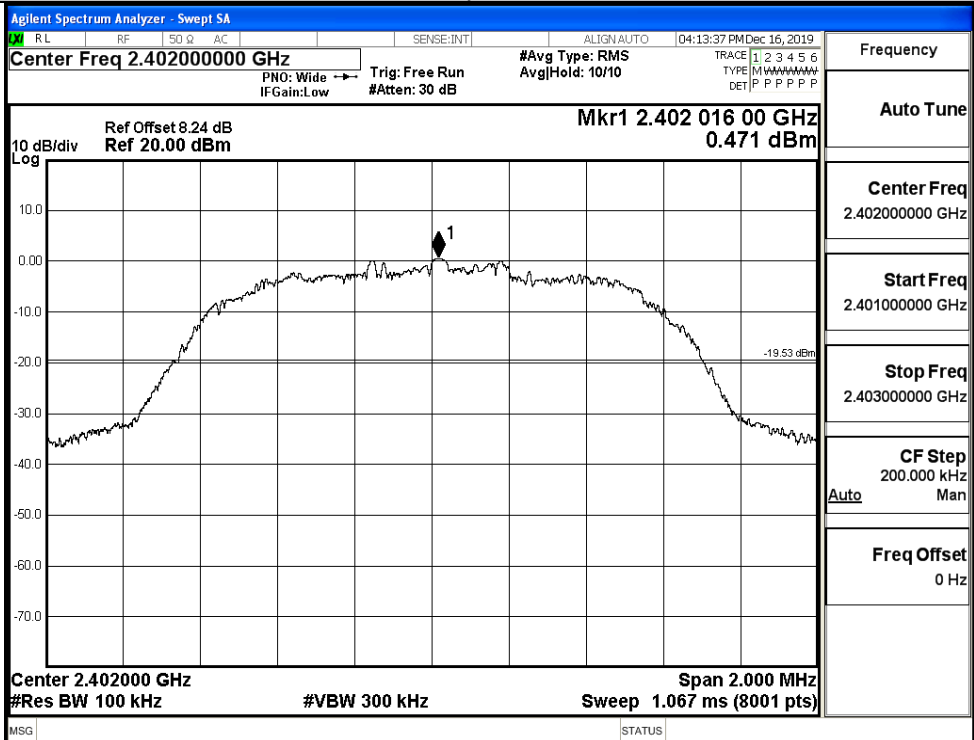


Puw

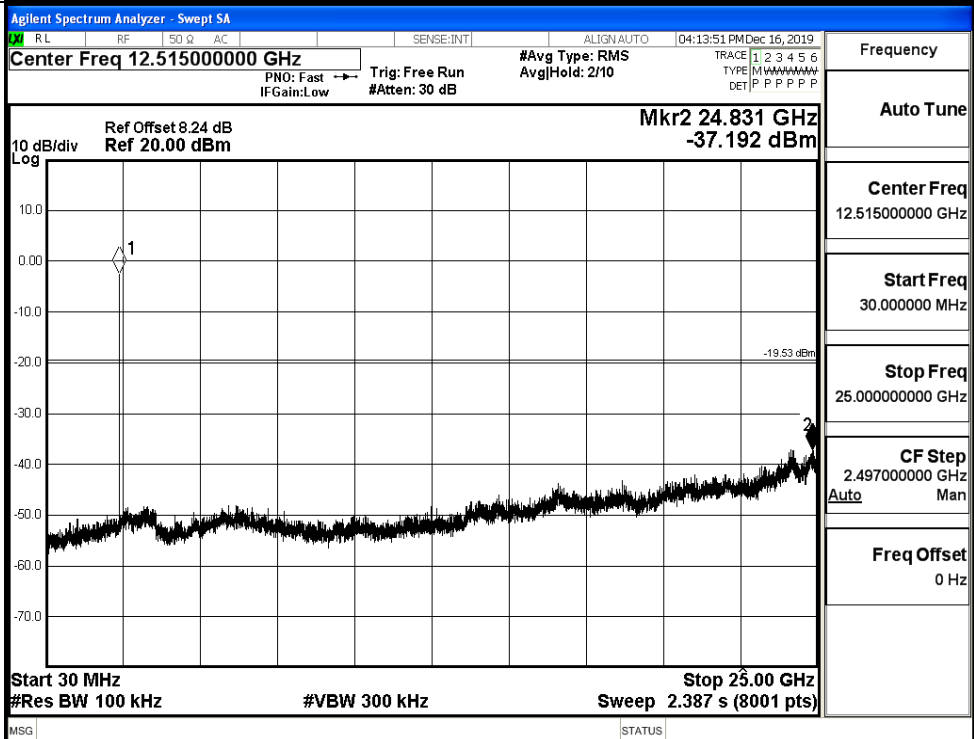


## 8DPSK\_LCH\_Graphs

Pref

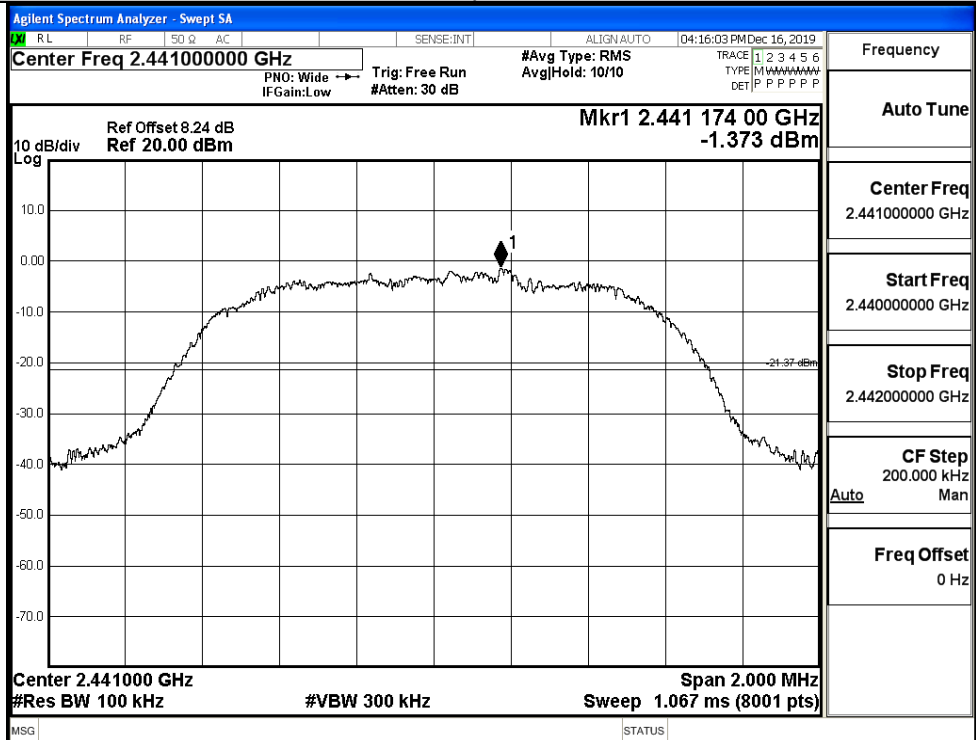


Puw

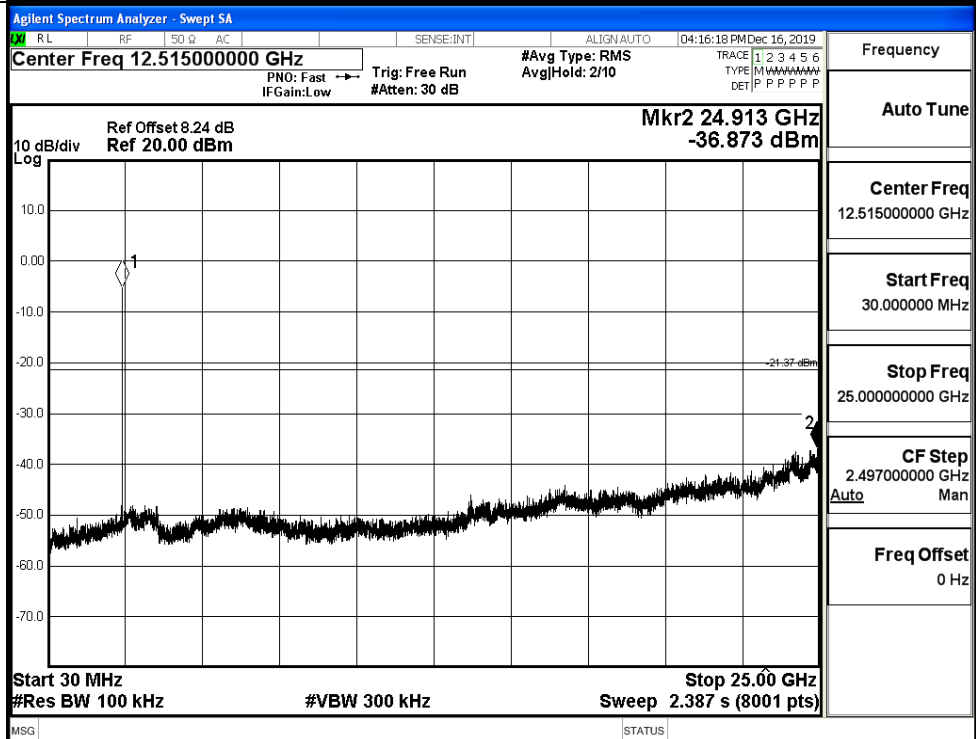


## 8DPSK\_MCH\_Graphs

Pref

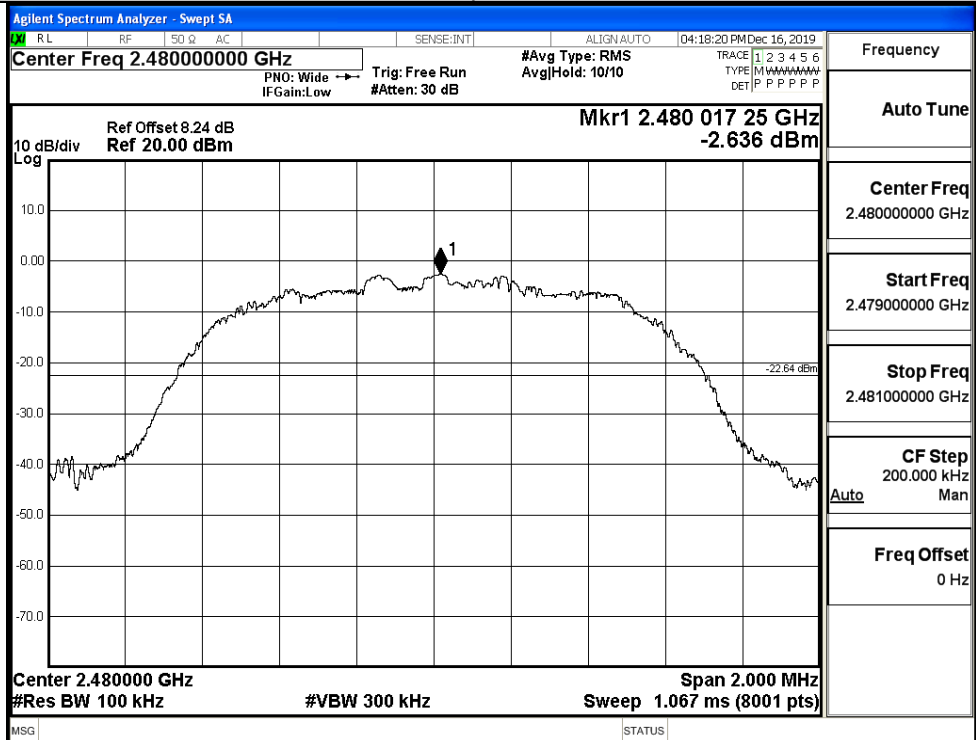


Puw

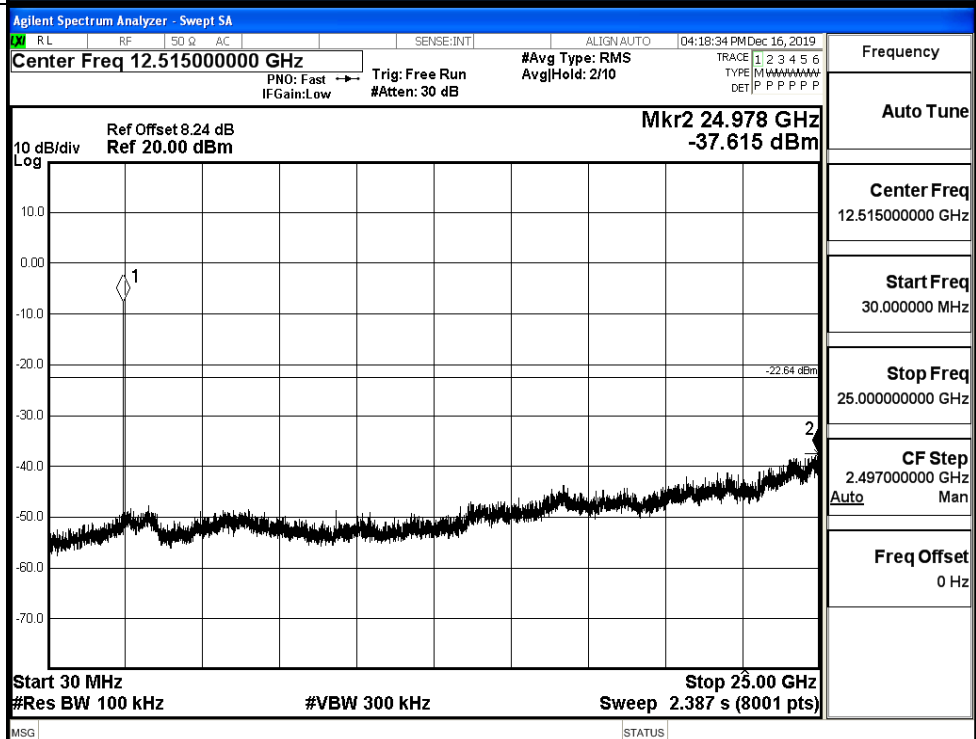


## 8DPSK\_HCH\_Graphs

Pref



Puw



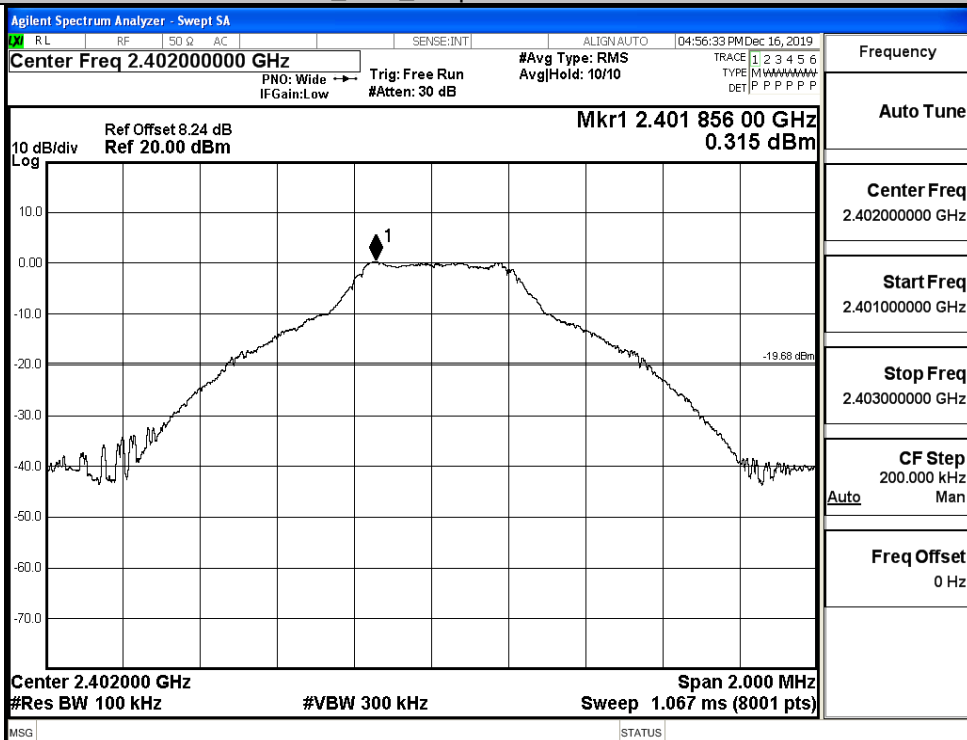
## Right Ear

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	0.315	-37.299	-19.685	PASS
	MCH	-1.2	-37.420	-21.200	PASS
	HCH	-2.826	-37.566	-22.826	PASS
$\pi/4$ DQPSK	LCH	0.126	-36.922	-19.874	PASS
	MCH	-1.402	-37.779	-21.402	PASS
	HCH	-2.981	-36.310	-22.981	PASS
8DPSK	LCH	0.564	-37.448	-19.436	PASS
	MCH	-0.993	-37.010	-20.993	PASS
	HCH	-2.747	-37.452	-22.747	PASS

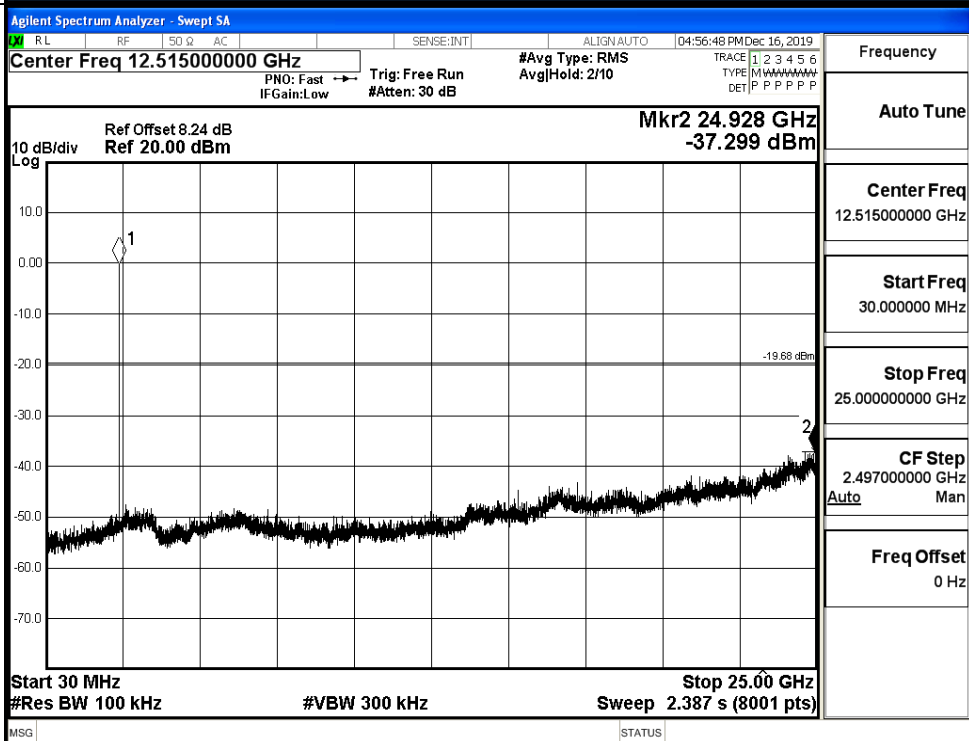


## GFSK\_LCH\_Graphs

Pref

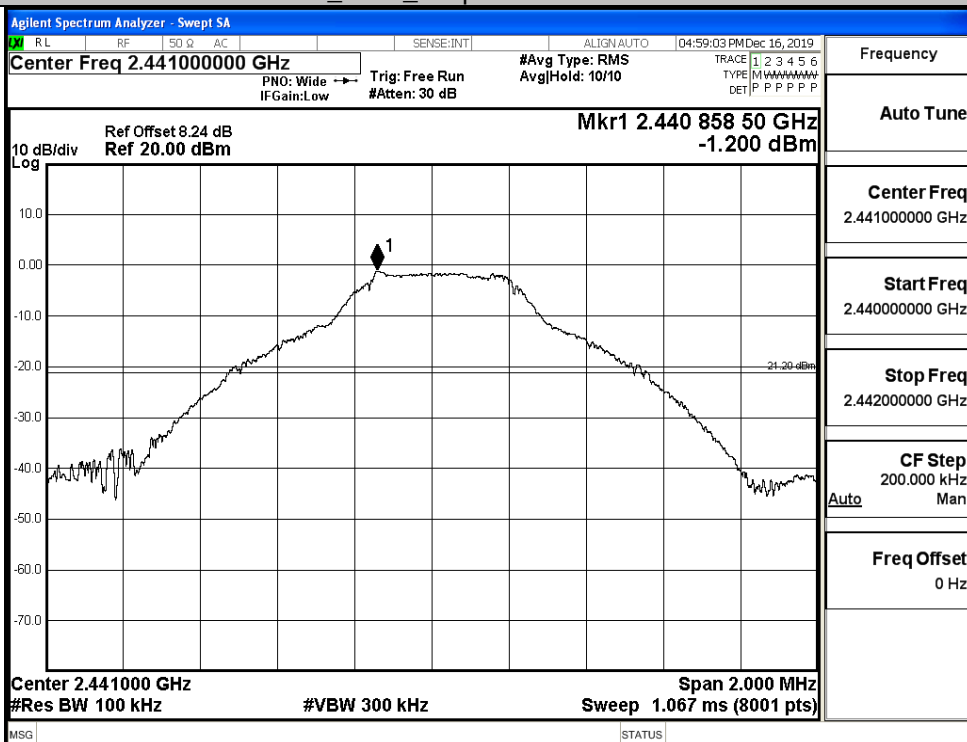


Puw

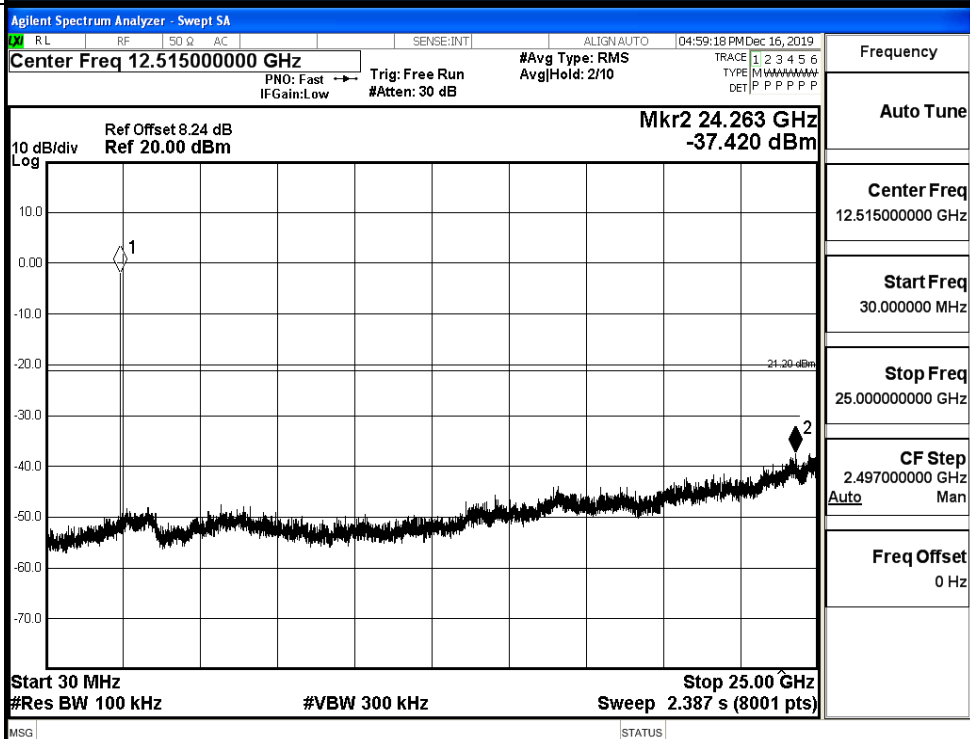


## GFSK\_MCH\_Graphs

Pref

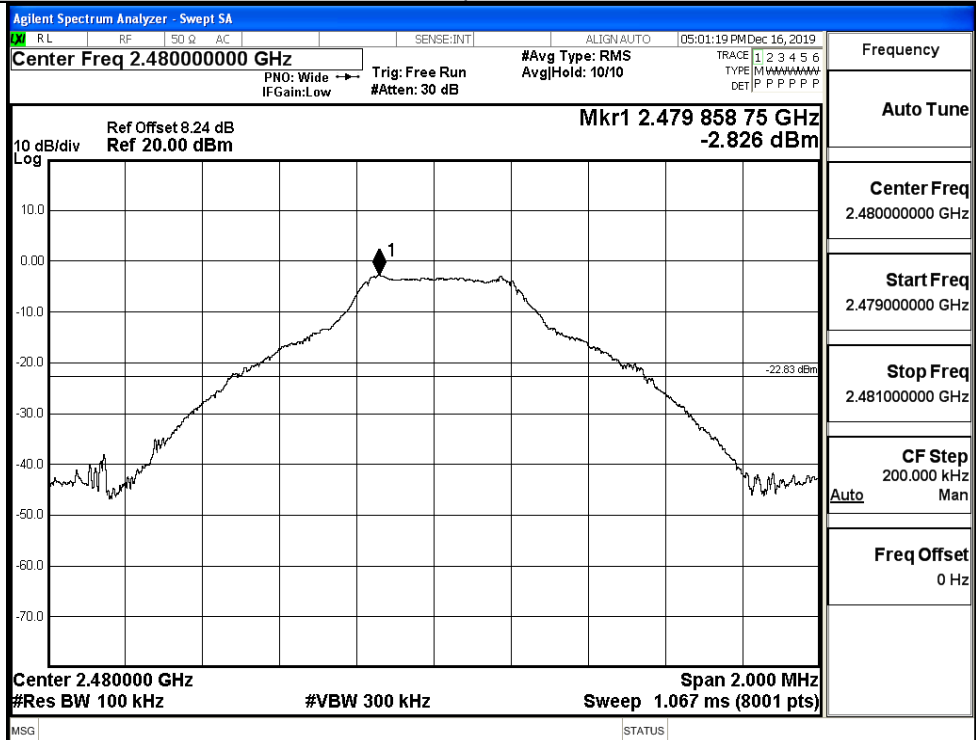


Puw

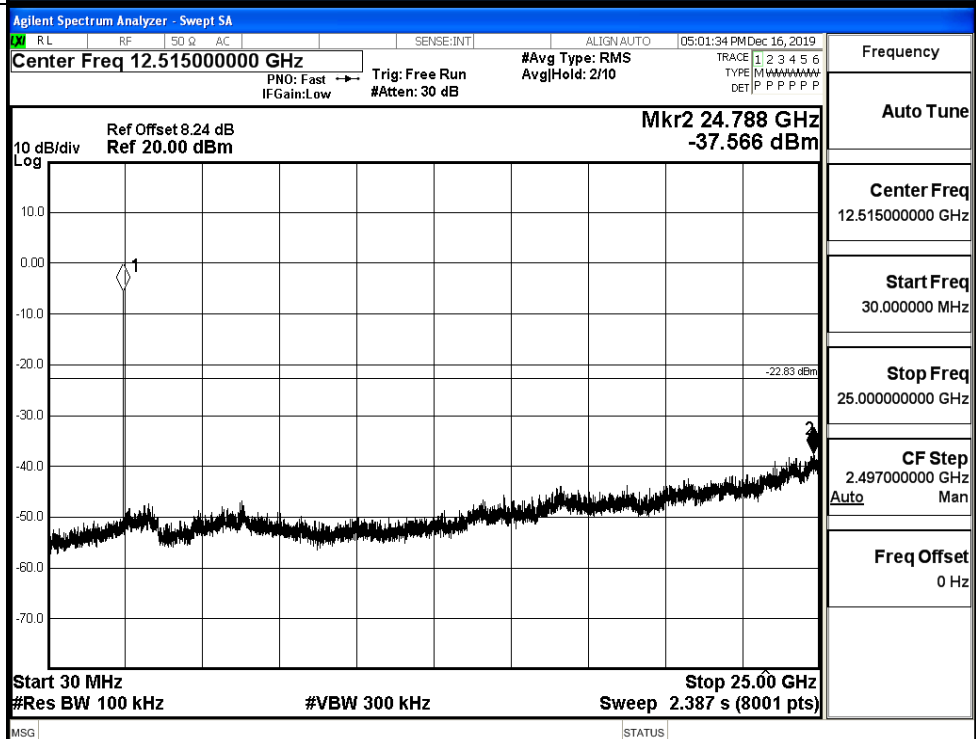


## GFSK\_HCH\_Graphs

Pref

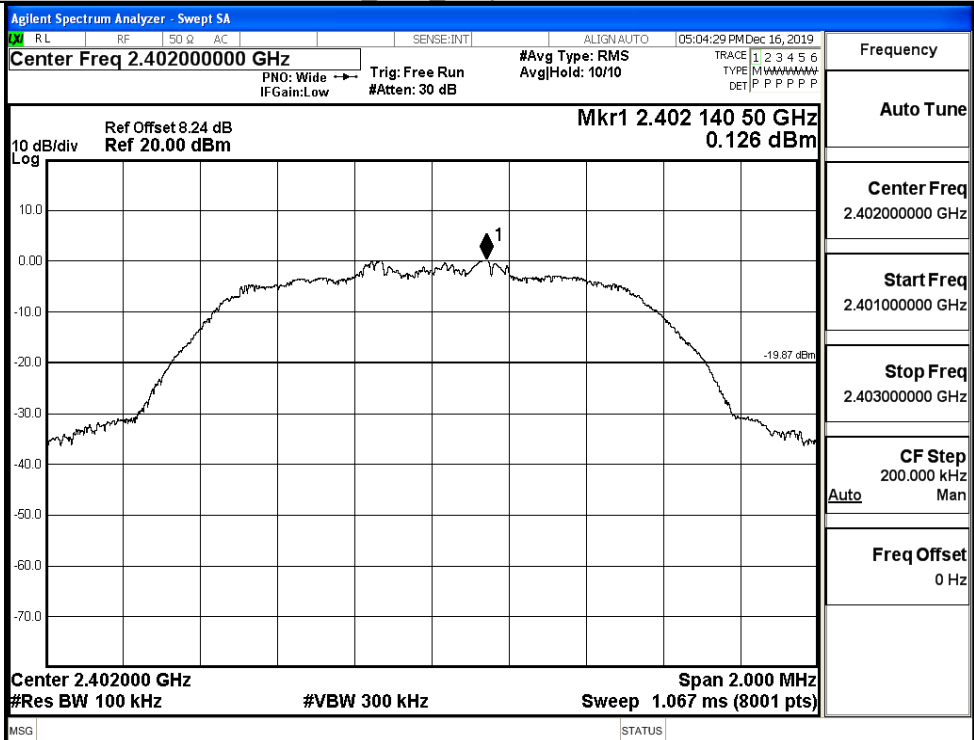


Puw

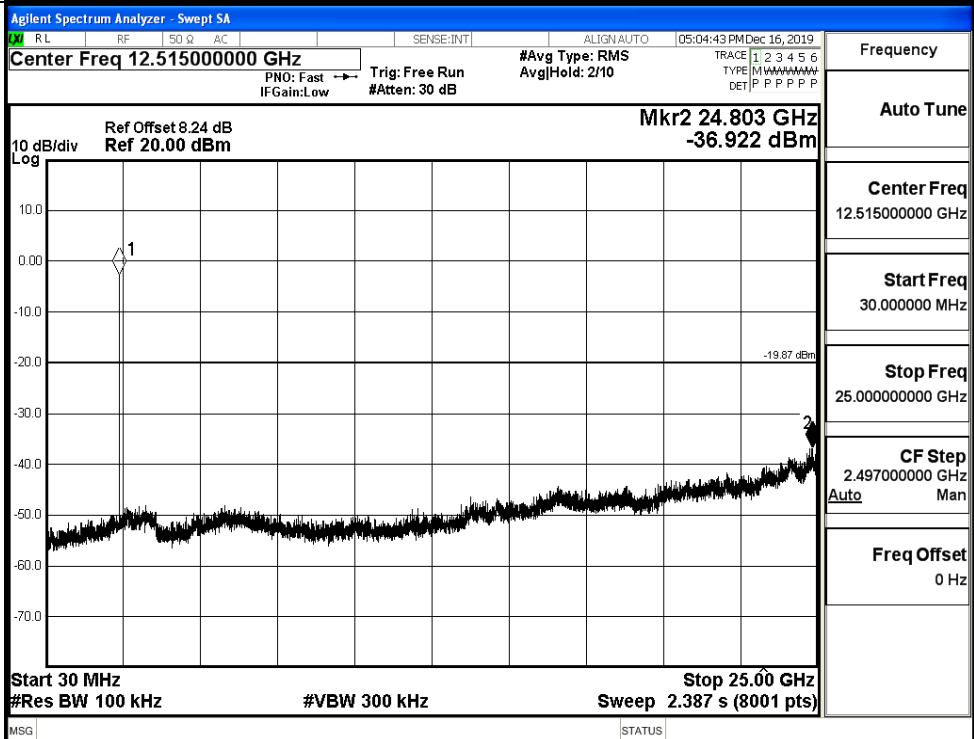


$\pi/4$ DQPSK\_LCH\_Graphs

Pref

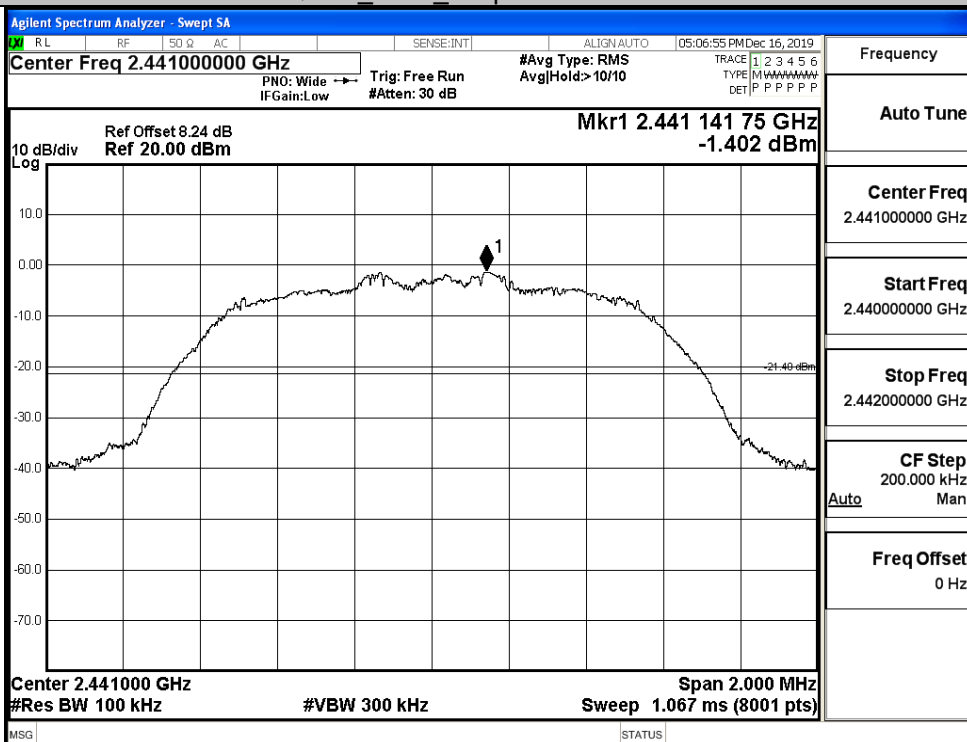


Puw

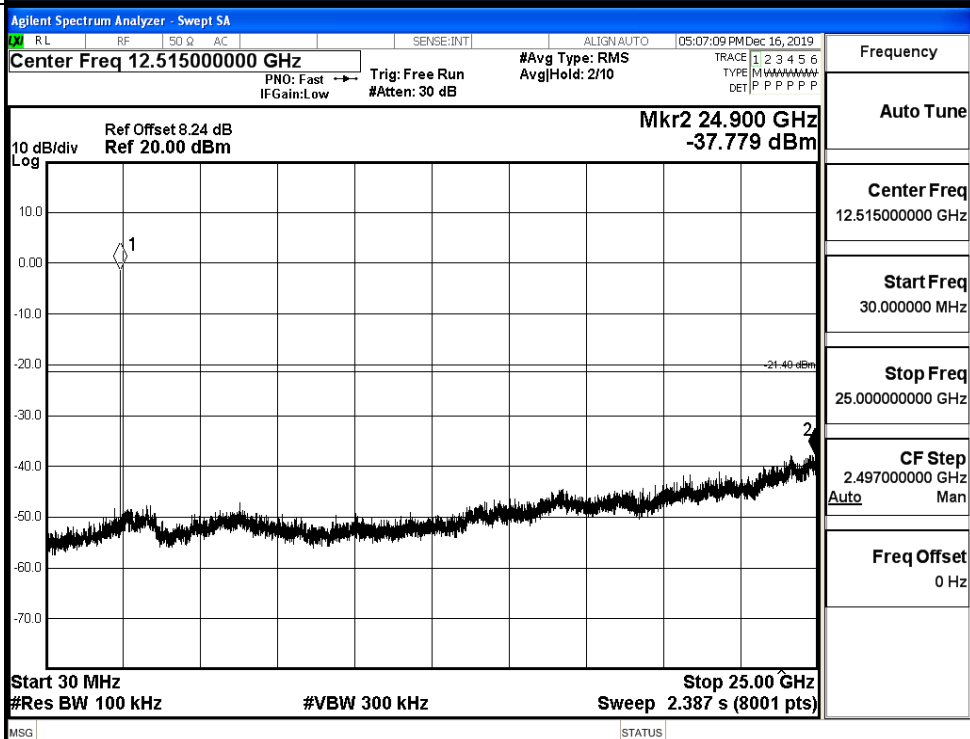


$\pi$ /4DQPSK\_MCH\_Graphs

Pref

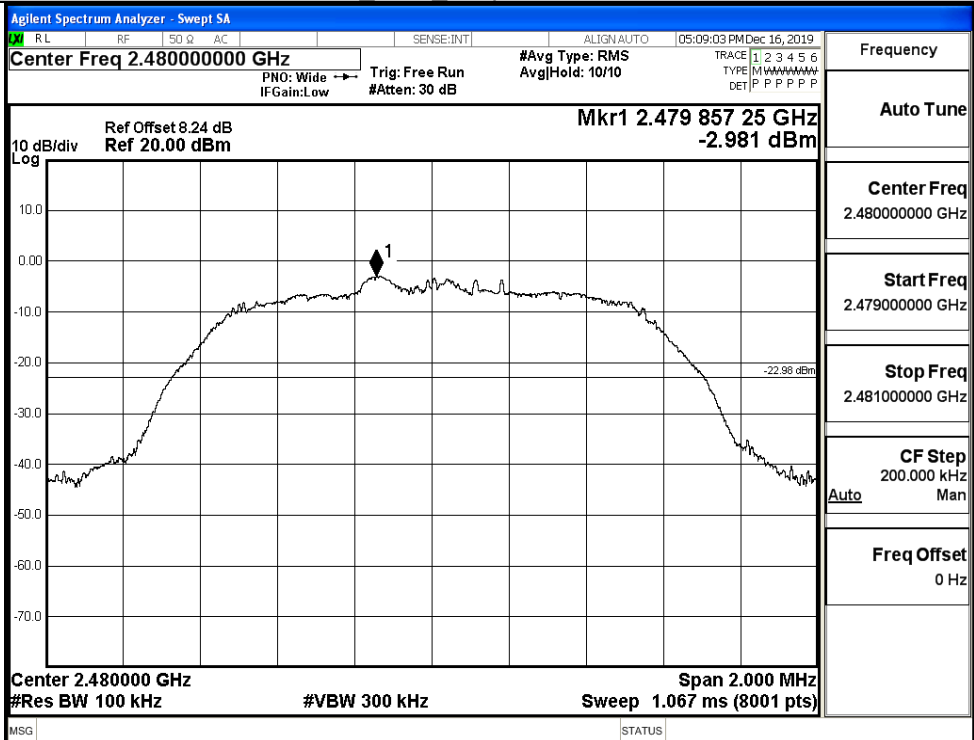


Puw

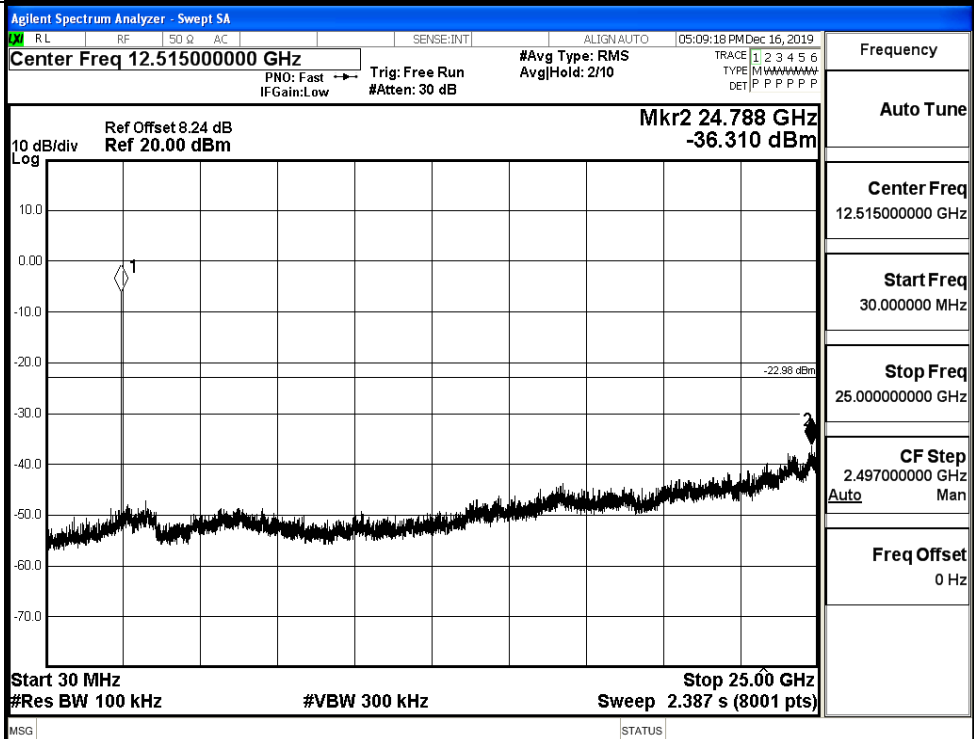


$\pi/4$ DQPSK\_HCH\_Graphs

Pref

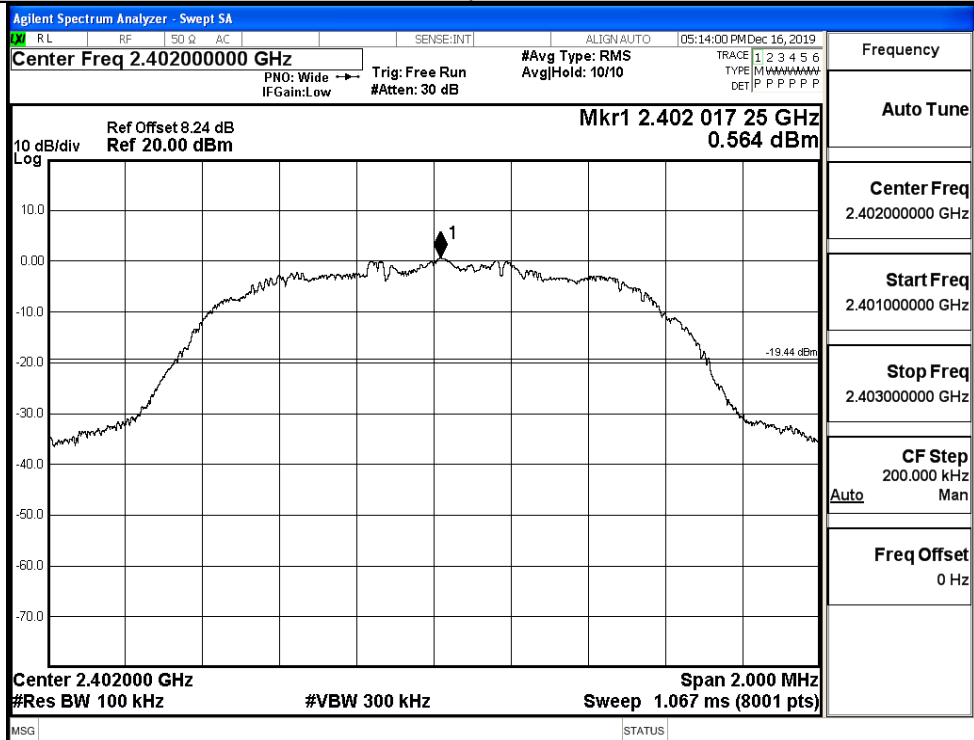


Puw

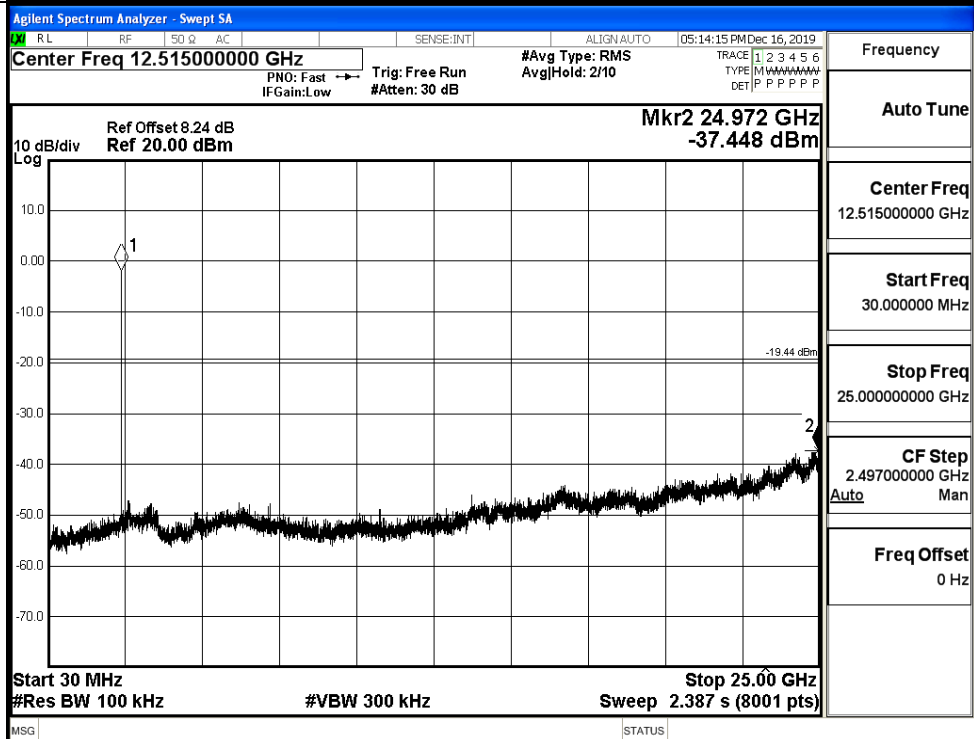


## 8DPSK\_LCH\_Graphs

Pref

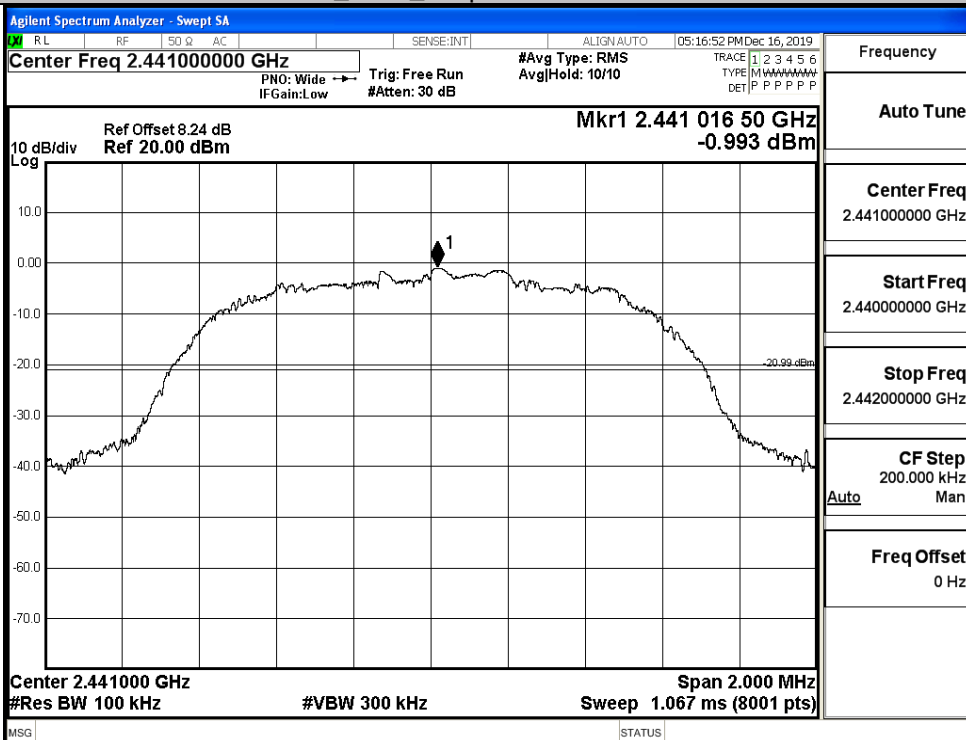


Puw

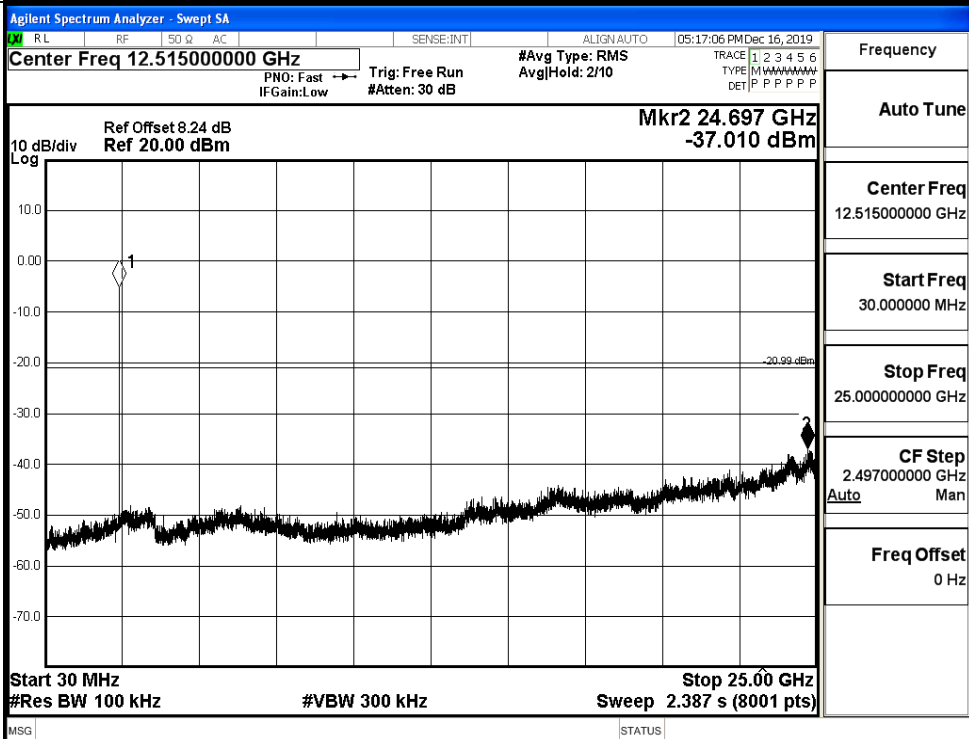


## 8DPSK\_MCH\_Graphs

Pref



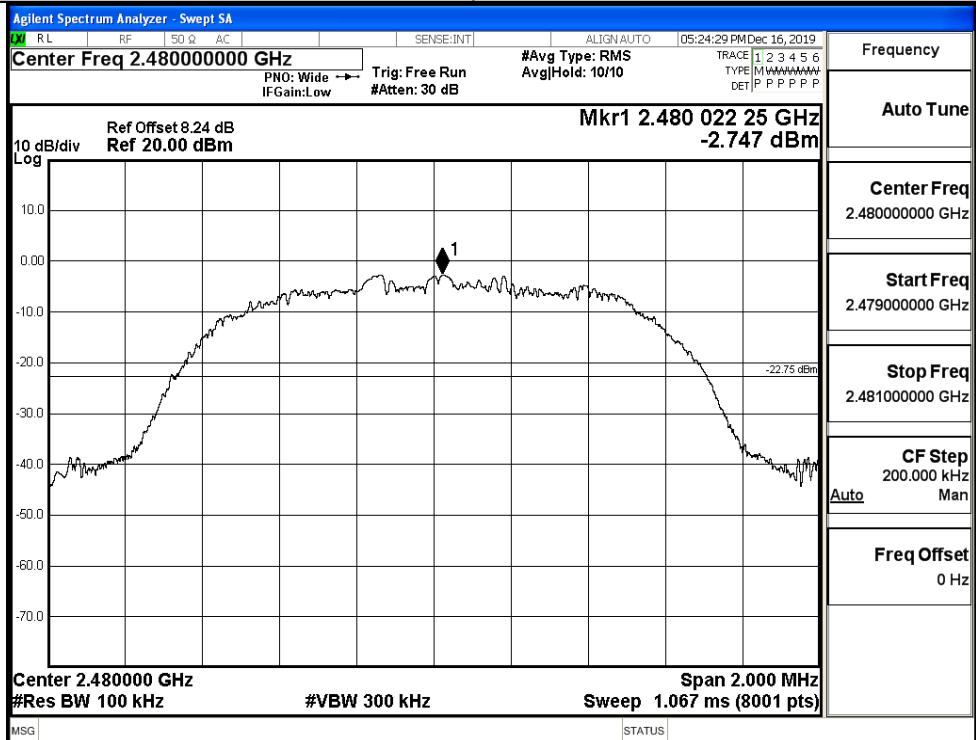
Puw



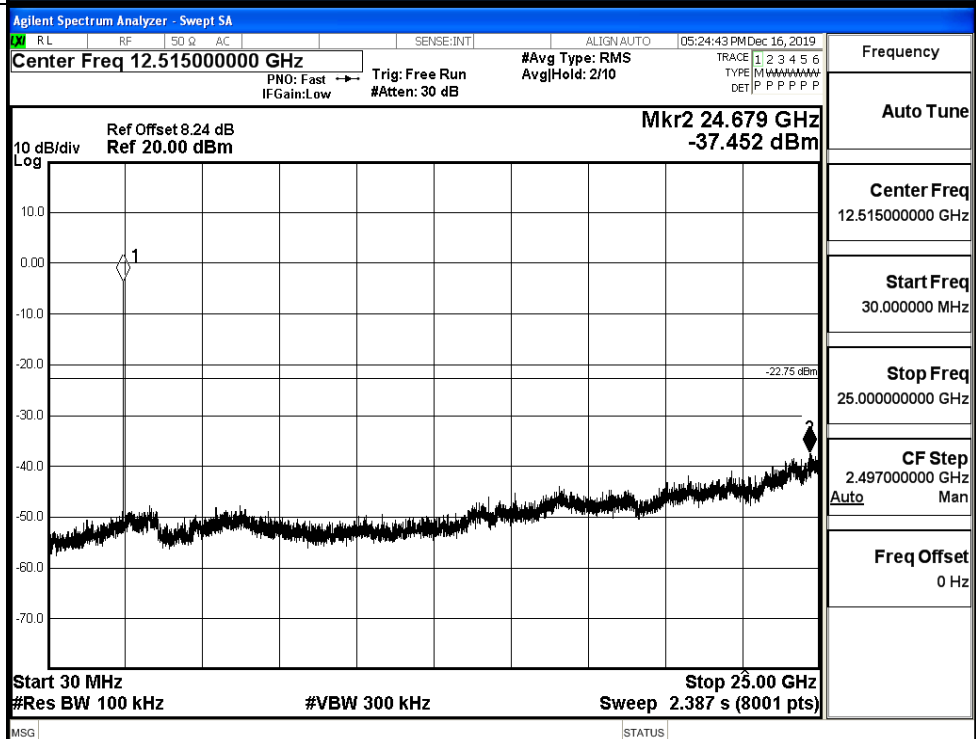


## 8DPSK\_HCH\_Graphs

Pref



Puw



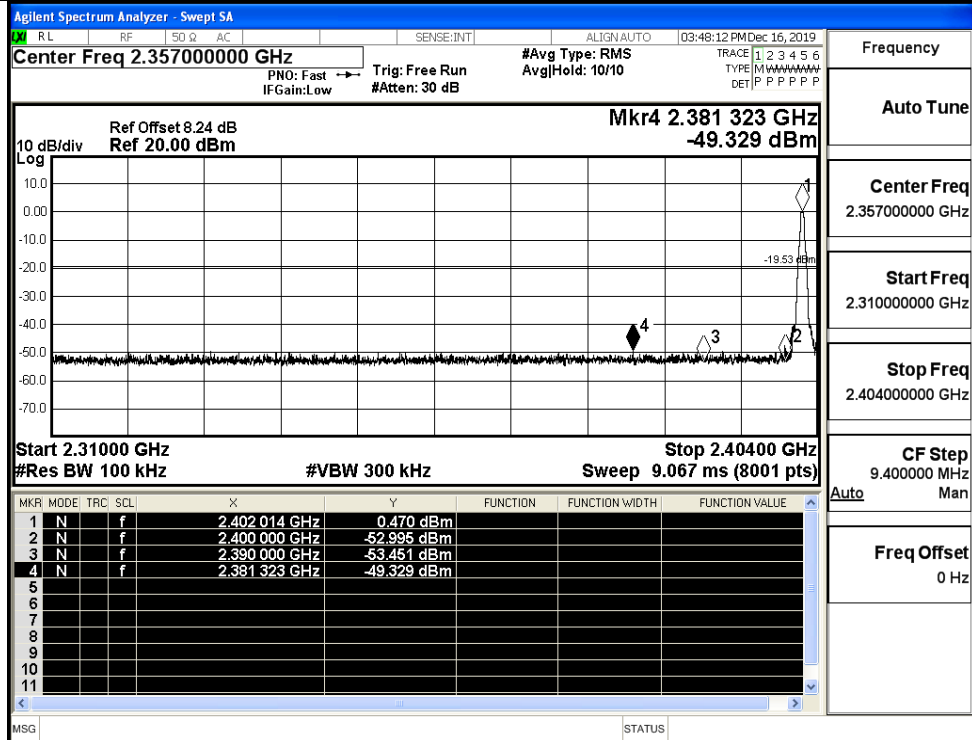
## A.7 Band-edge for RF Conducted Emissions

Left Ear

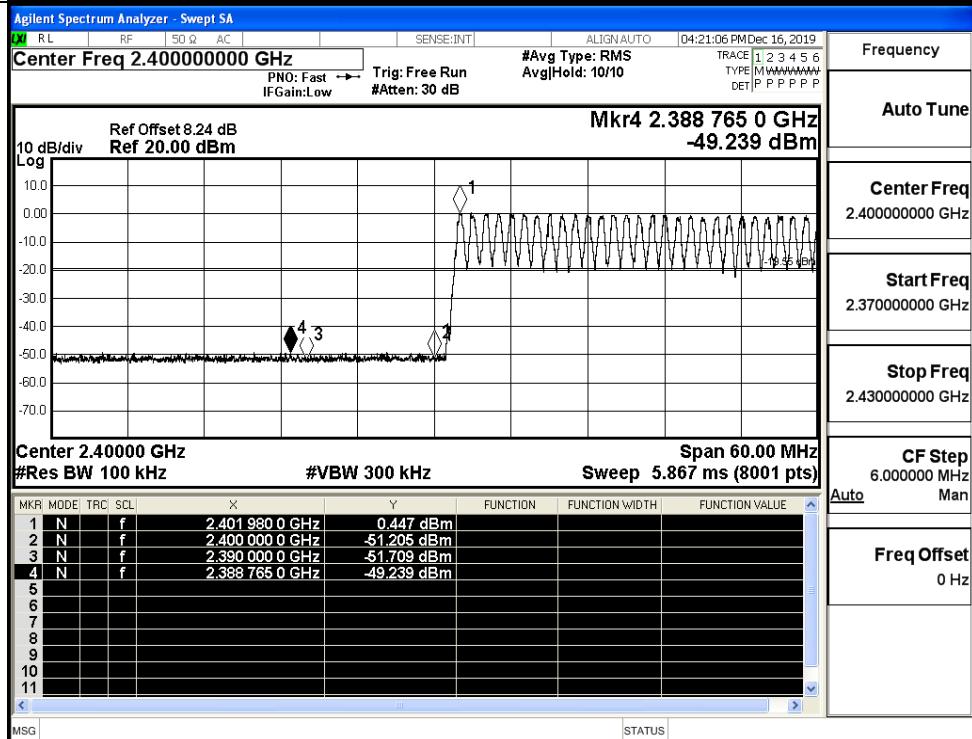
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	0.470	Off	-49.329	-19.53	PASS
			0.447	On	-49.239	-19.55	PASS
	HCH	2480	-2.655	Off	-48.901	-22.66	PASS
			-1.751	On	-48.603	-21.75	PASS
$\pi/4$ DQPSK	LCH	2402	0.247	Off	-49.489	-19.75	PASS
			0.181	On	-48.966	-19.82	PASS
	HCH	2480	-2.744	Off	-48.720	-22.74	PASS
			-1.683	On	-48.483	-21.68	PASS
8DPSK	LCH	2402	0.442	Off	-49.448	-19.56	PASS
			0.528	On	-48.661	-19.47	PASS
	HCH	2480	-2.459	Off	-48.899	-22.46	PASS
			-1.628	On	-47.894	-21.63	PASS

## Test Graphs

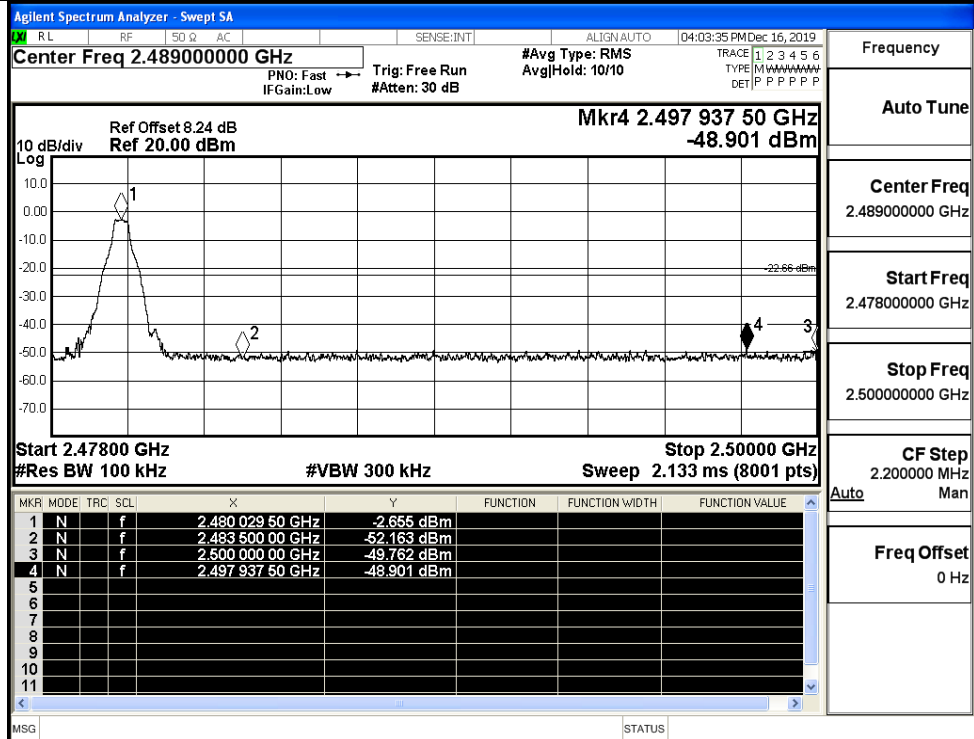
GFSK/LCH/No Hop



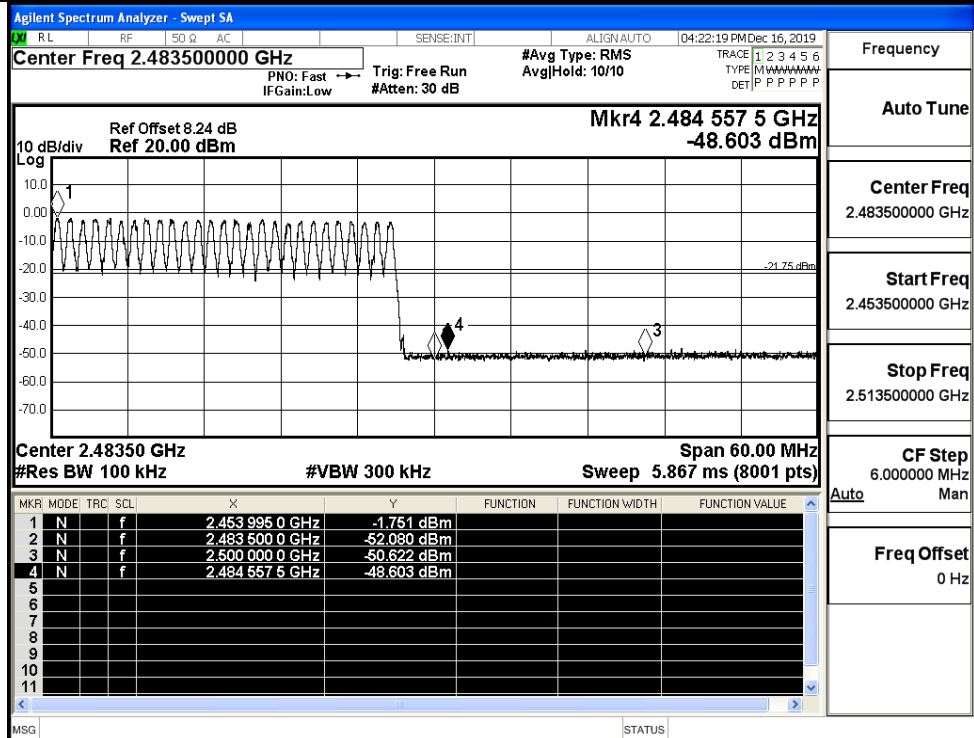
GFSK/LCH/Hop



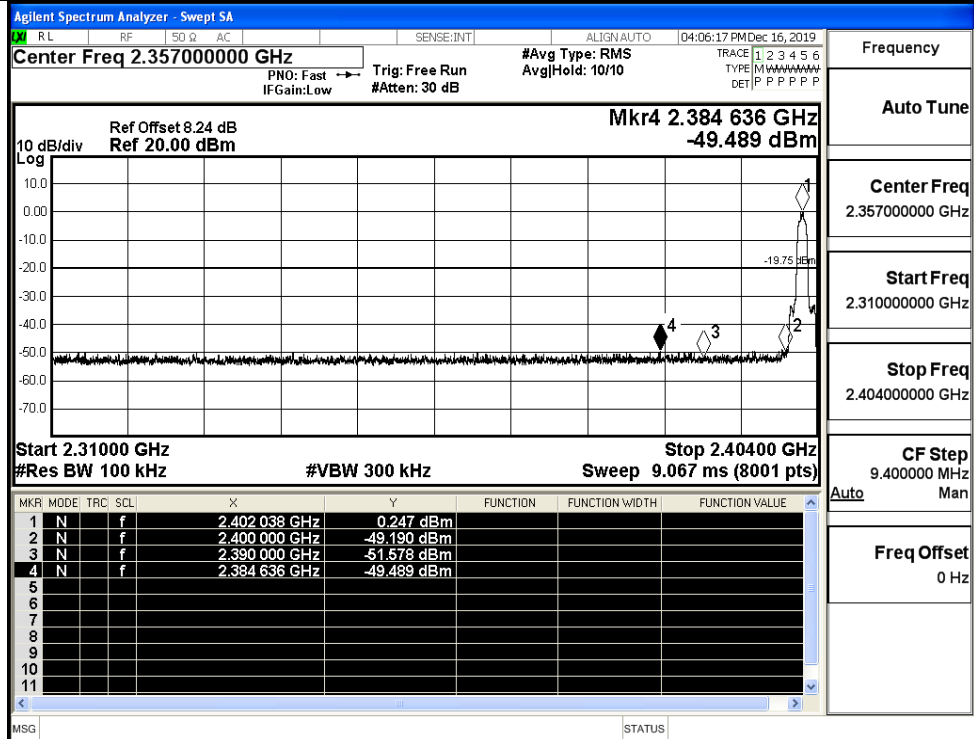
GFSK/HCH/No Hop



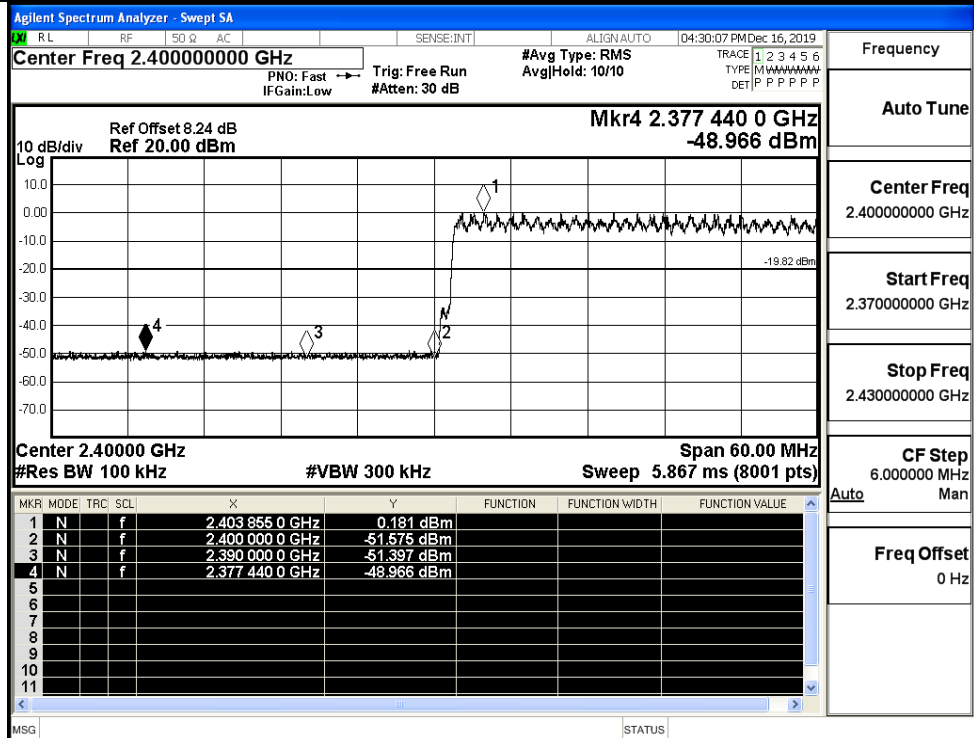
GFSK/HCH/Hop



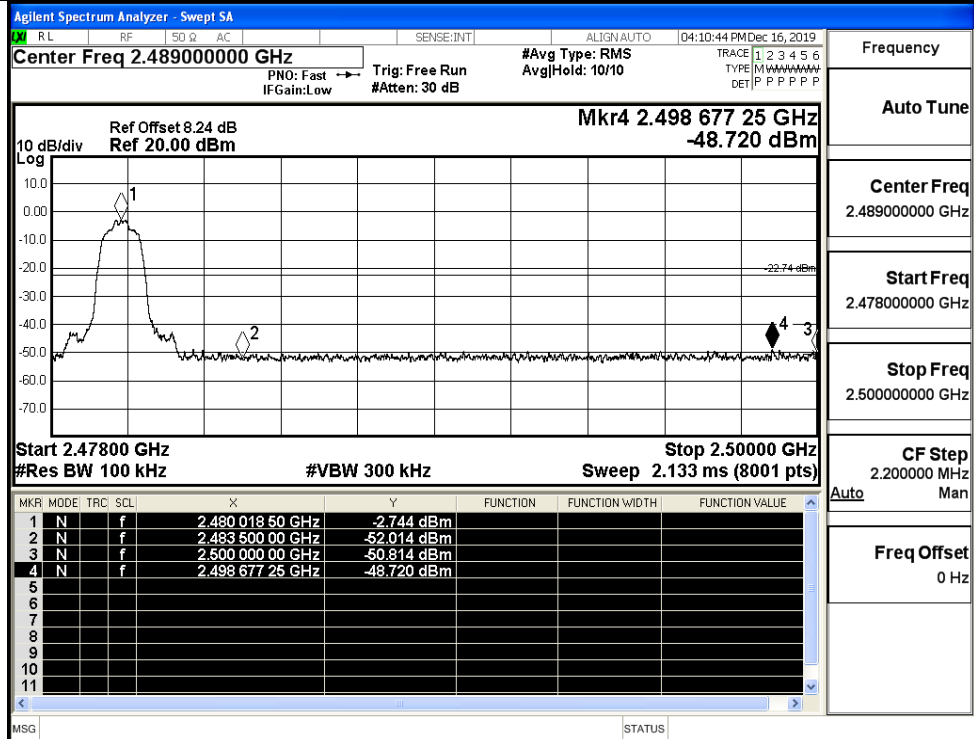
$\pi/4$ DQPSK/LCH/No  
Hop



$\pi/4$ DQPSK/LCH/Hop



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



Frequency

Auto Tune

Center Freq  
2.489000000 GHz

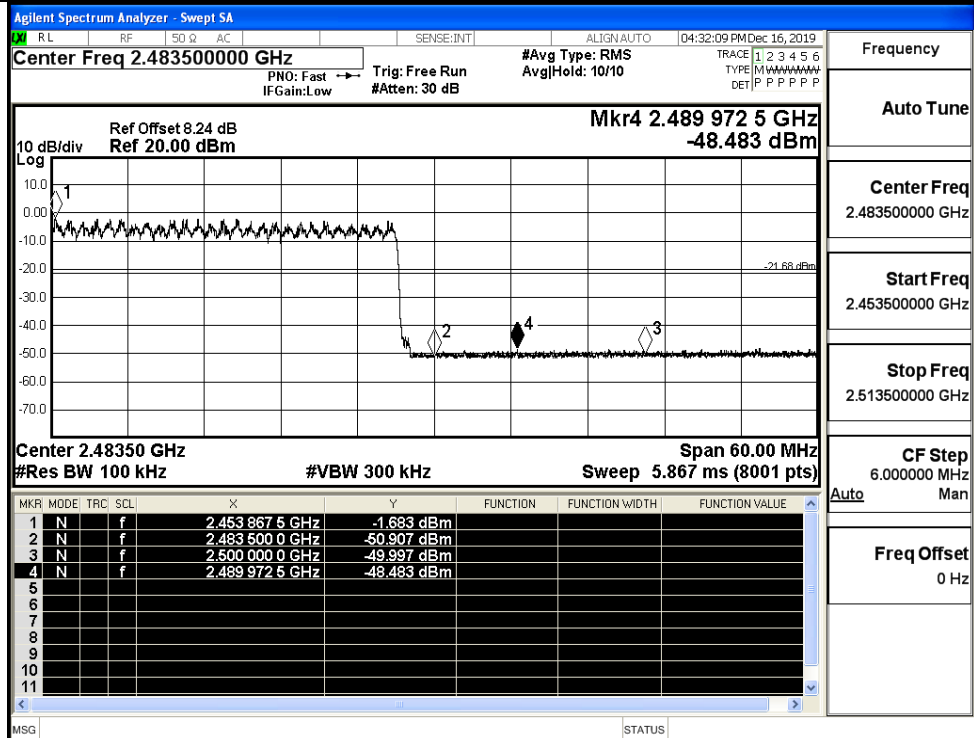
Start Freq  
2.478000000 GHz

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

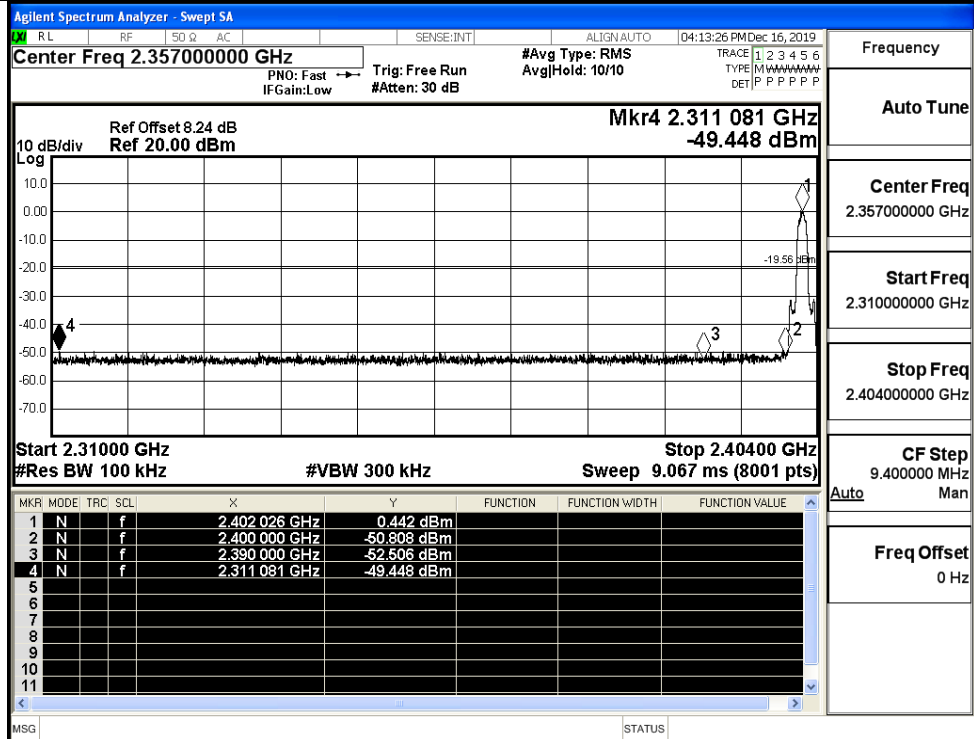
Start Freq  
2.453500000 GHz

Stop Freq  
2.513500000 GHz

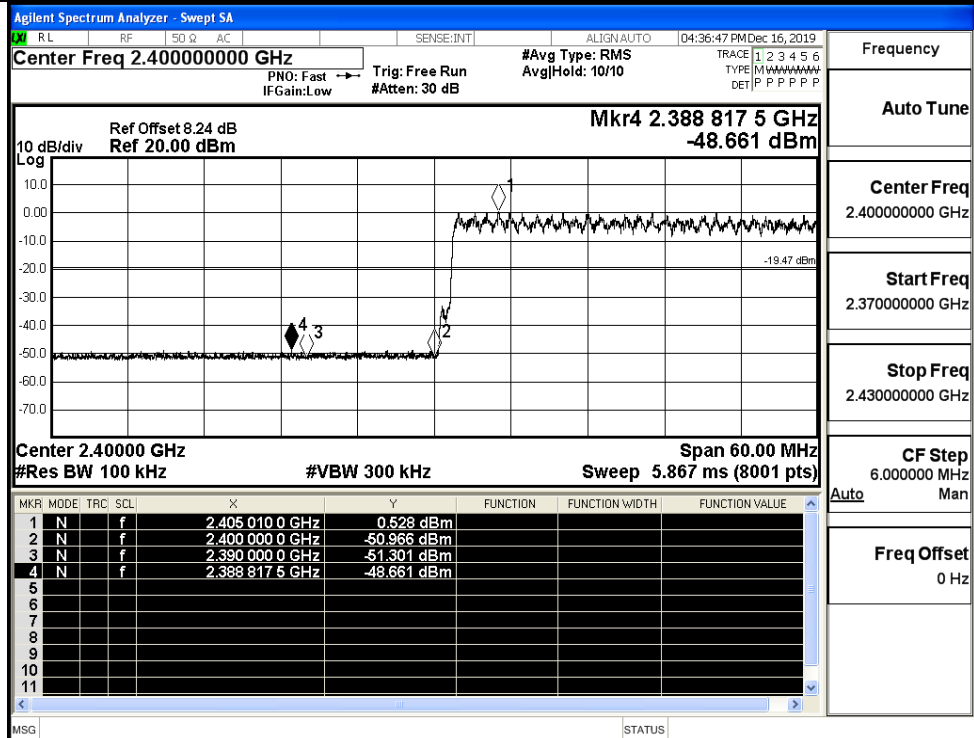
CF Step  
6.000000 MHz  
Auto Man

Freq Offset  
0 Hz

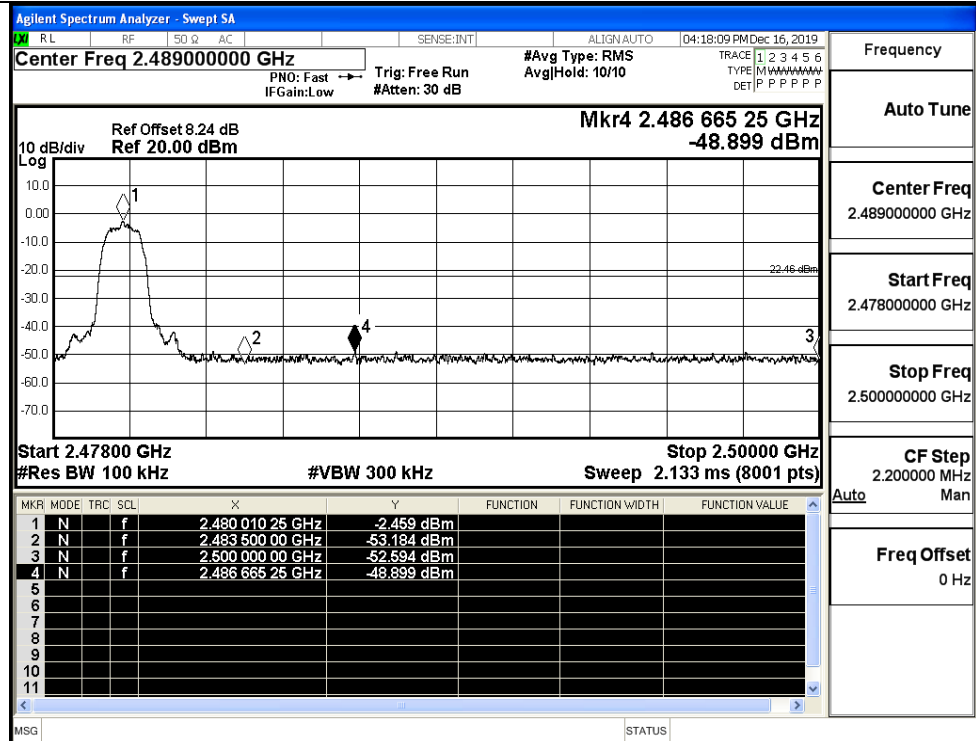
8DPSK/LCH/No Hop



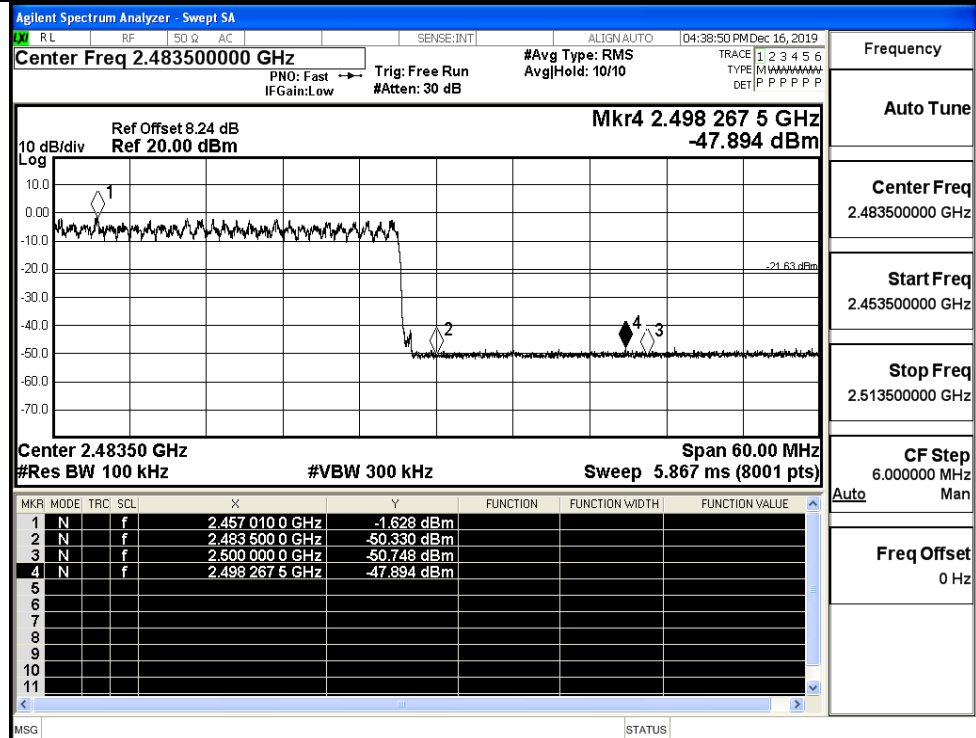
8DPSK/LCH/Hop



8DPSK/HCH/No Hop



8DPSK/HCH/Hop



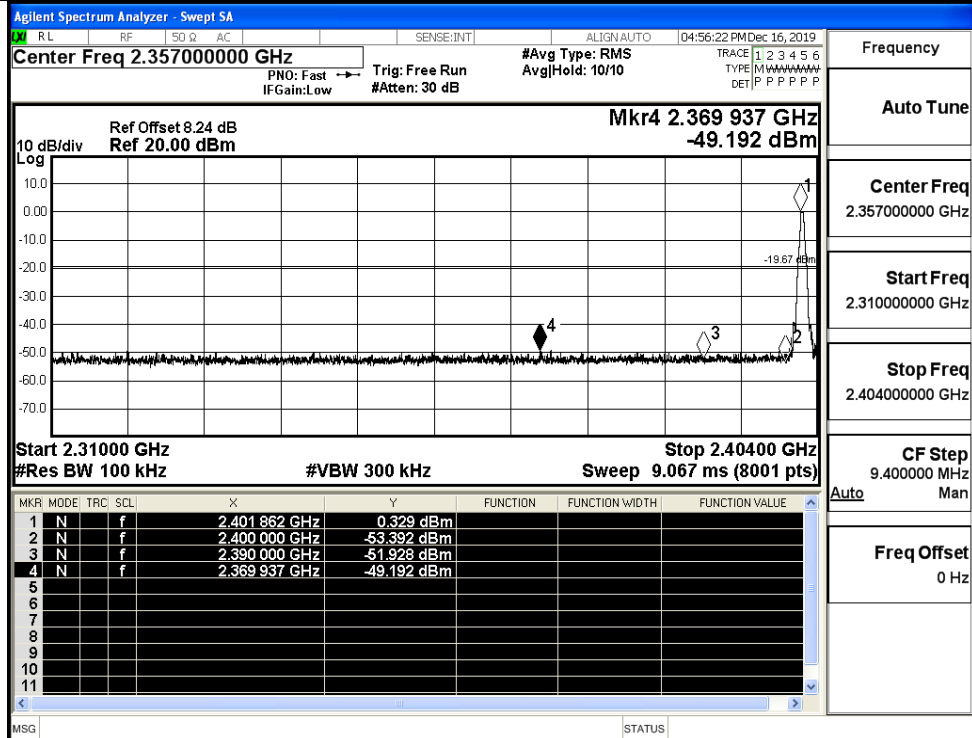


## Right Ear

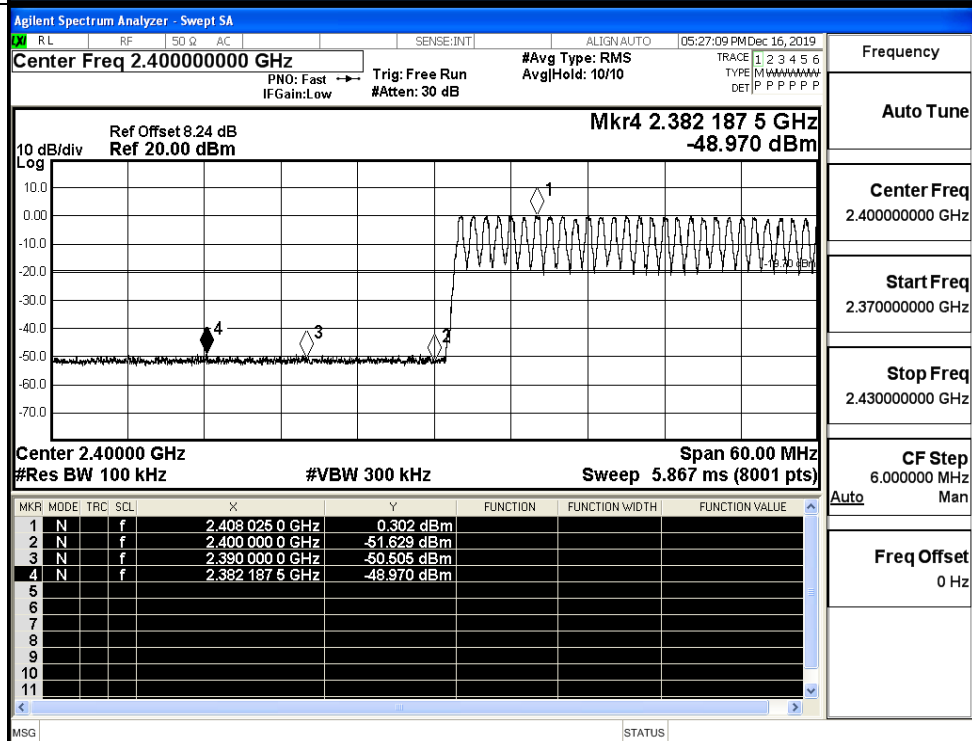
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	0.329	Off	-49.192	-19.67	PASS
			0.302	On	-48.970	-19.7	PASS
	HCH	2480	-2.774	Off	-49.049	-22.77	PASS
			-1.864	On	-47.554	-21.86	PASS
$\pi/4$ DQPSK	LCH	2402	0.329	Off	-49.545	-19.67	PASS
			0.306	On	-47.976	-19.69	PASS
	HCH	2480	-2.978	Off	-49.059	-22.98	PASS
			-1.750	On	-47.765	-21.75	PASS
8DPSK	LCH	2402	0.555	Off	-48.969	-19.45	PASS
			0.402	On	-48.905	-19.6	PASS
	HCH	2480	-2.652	Off	-48.662	-22.65	PASS
			-1.874	On	-48.359	-21.87	PASS

## Test Graphs

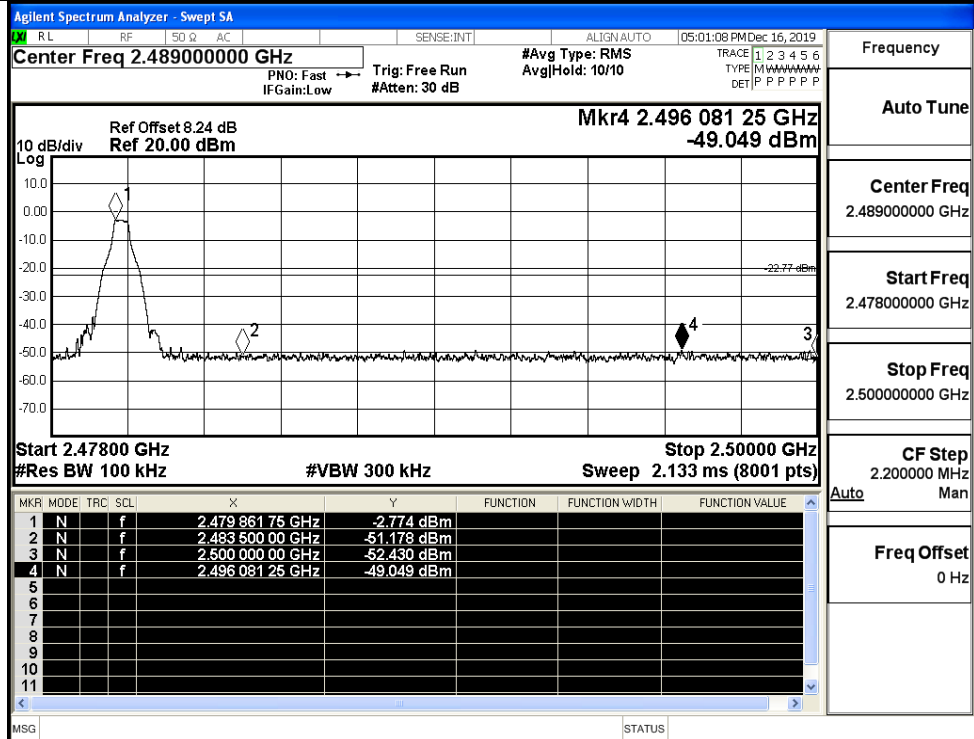
GFSK/LCH/No Hop



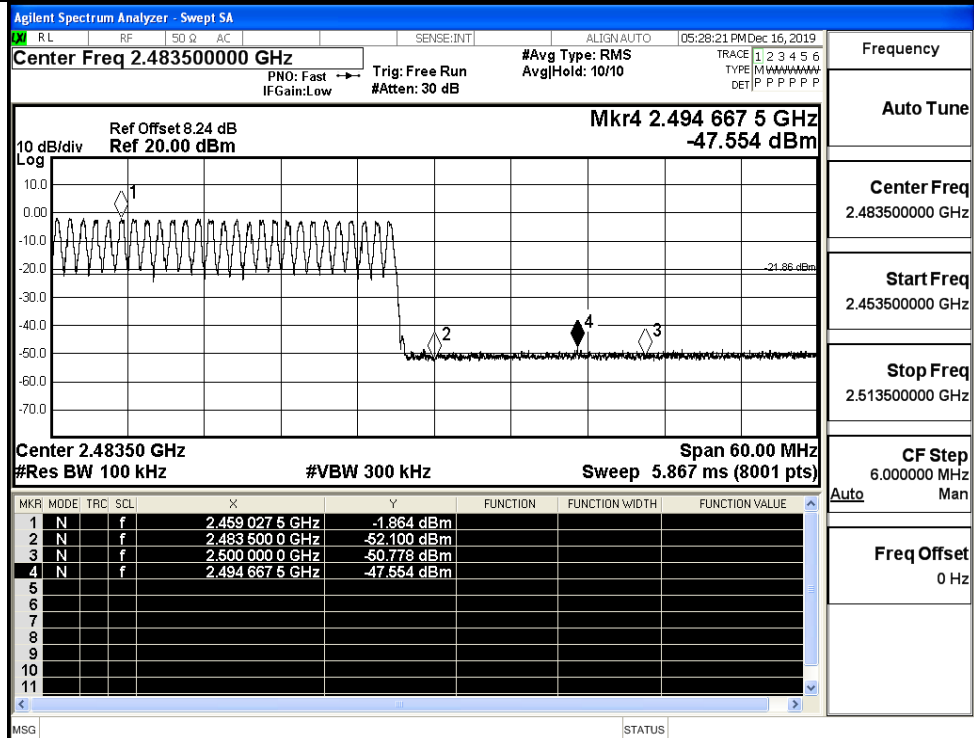
GFSK/LCH/Hop



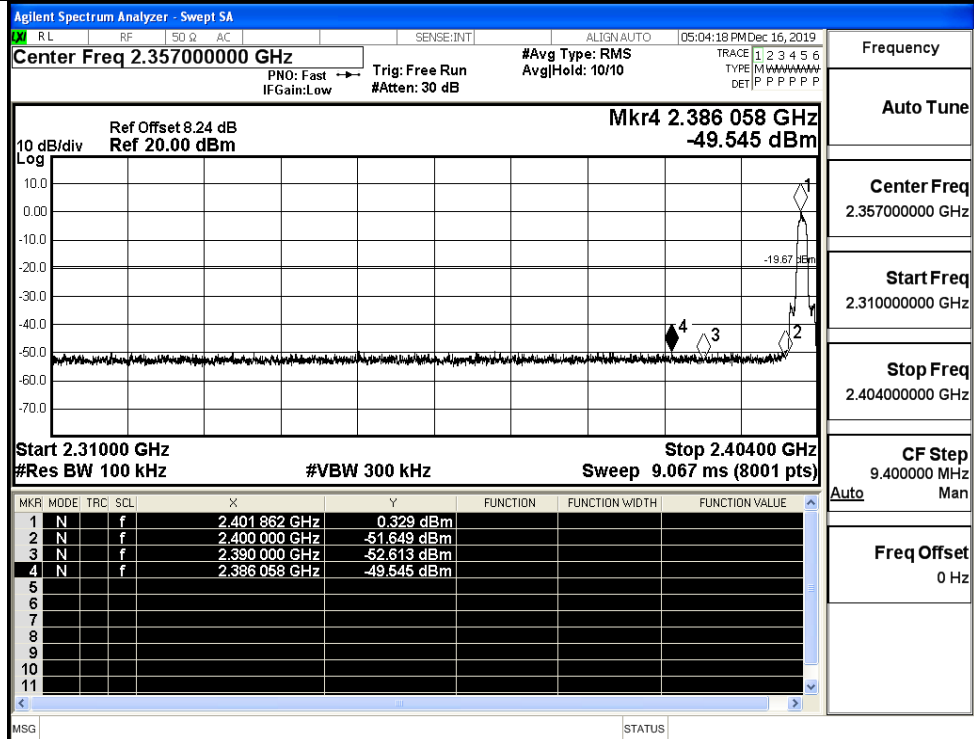
GFSK/HCH/No Hop



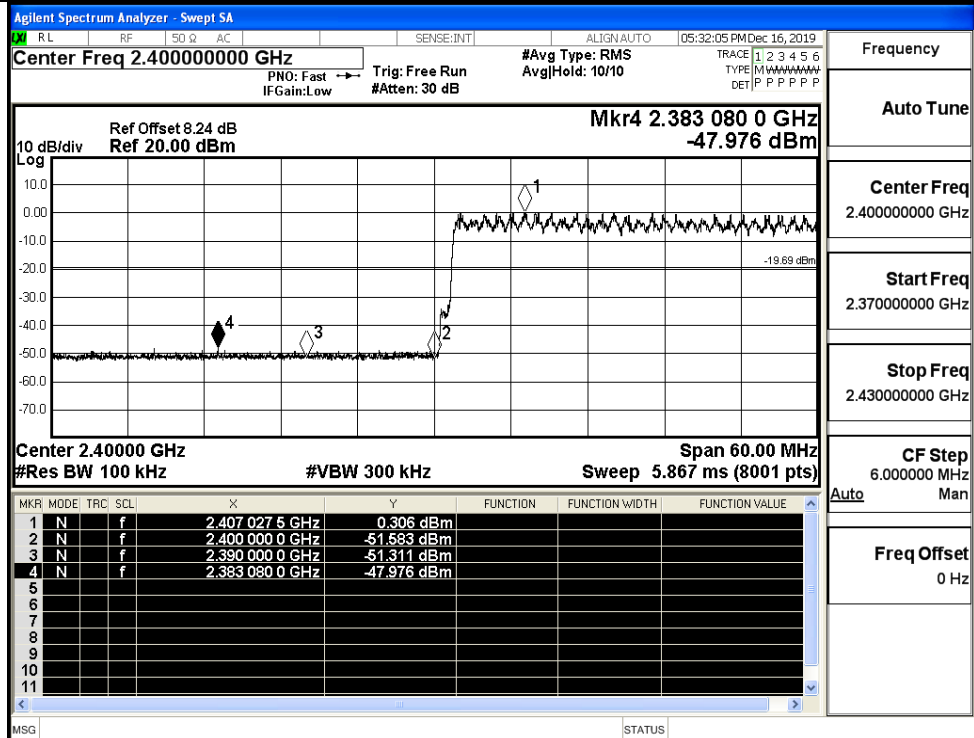
GFSK/HCH/Hop



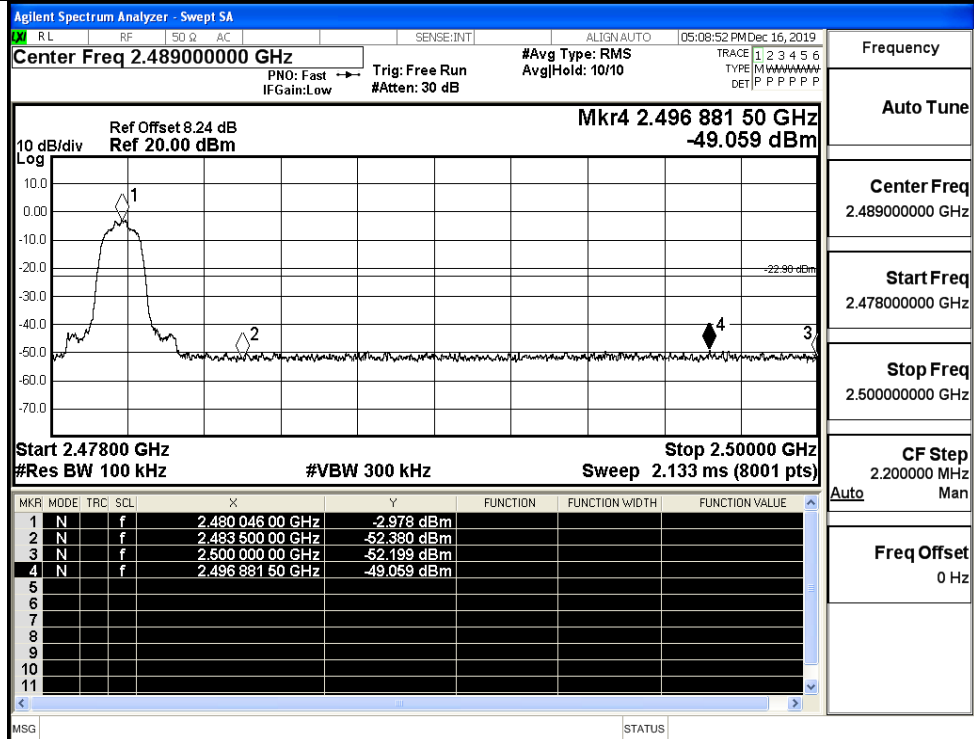
$\pi/4$ DQPSK/LCH/No  
Hop



$\pi/4$ DQPSK/LCH/Hop



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



Frequency

Auto Tune

Center Freq  
2.489000000 GHz

Start Freq  
2.478000000 GHz

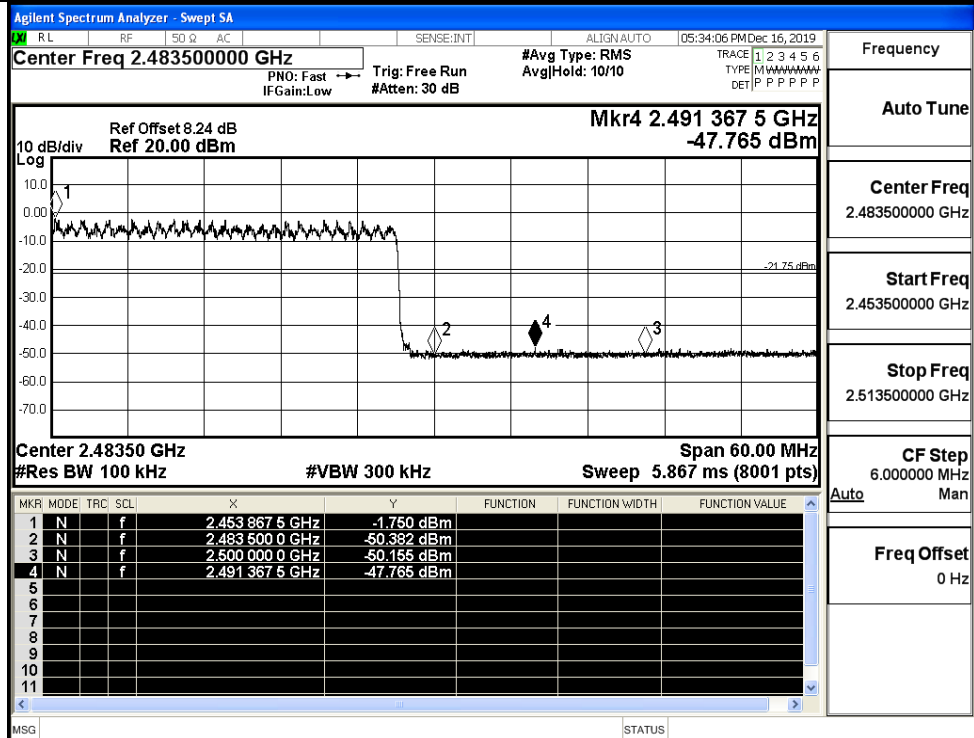
Stop Freq  
2.500000000 GHz

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

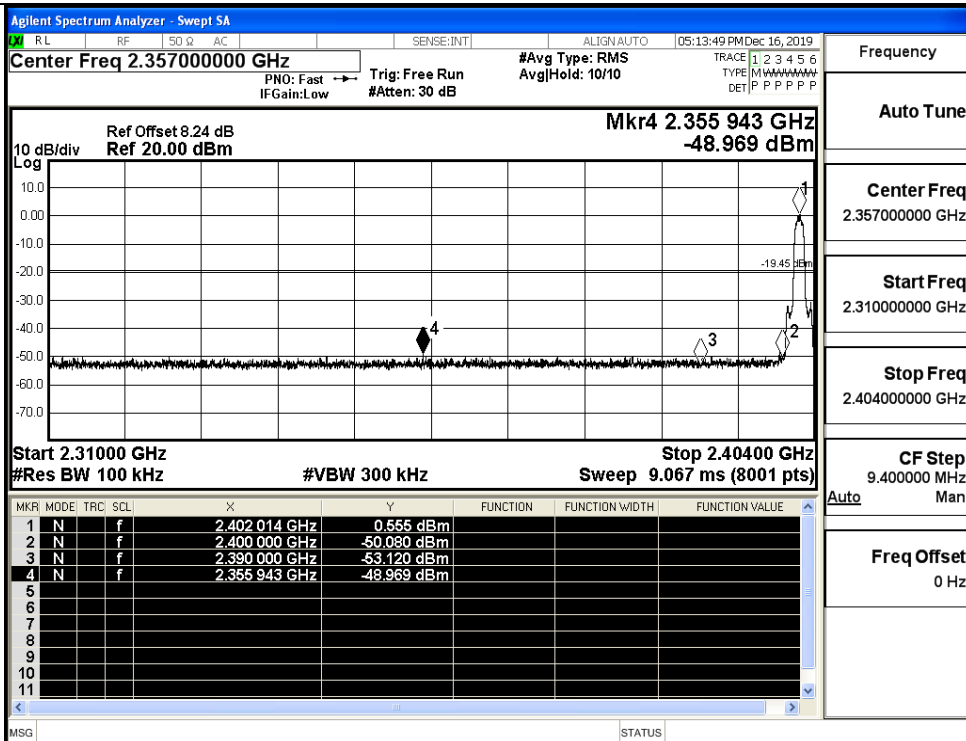
Stop Freq  
2.513500000 GHz

CF Step  
6.000000 MHz

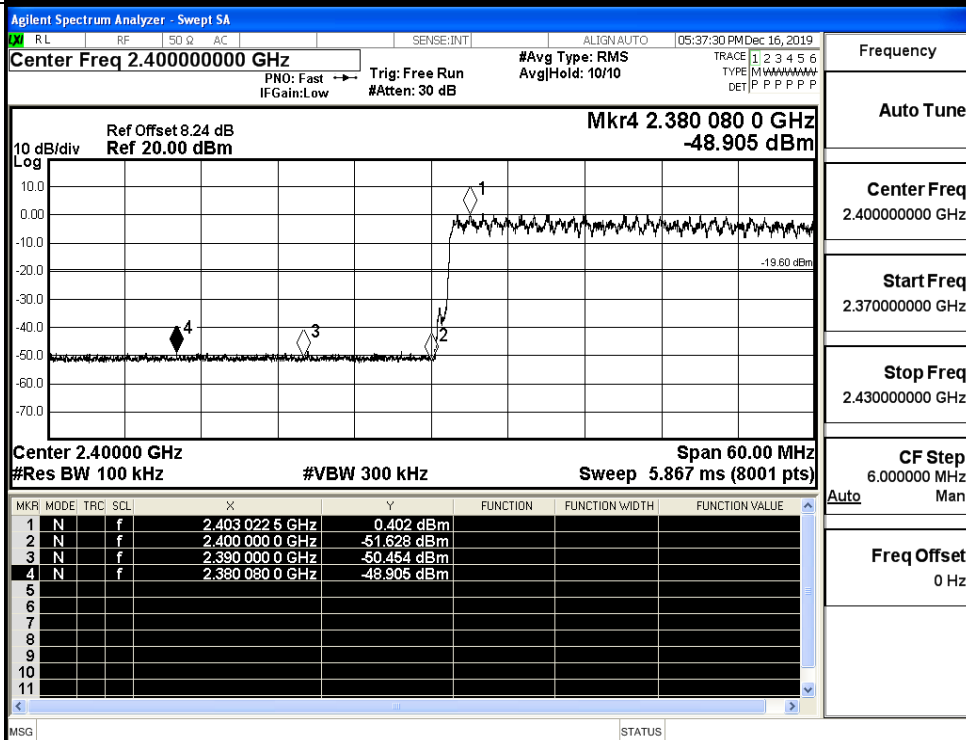
Auto Man

Freq Offset  
0 Hz

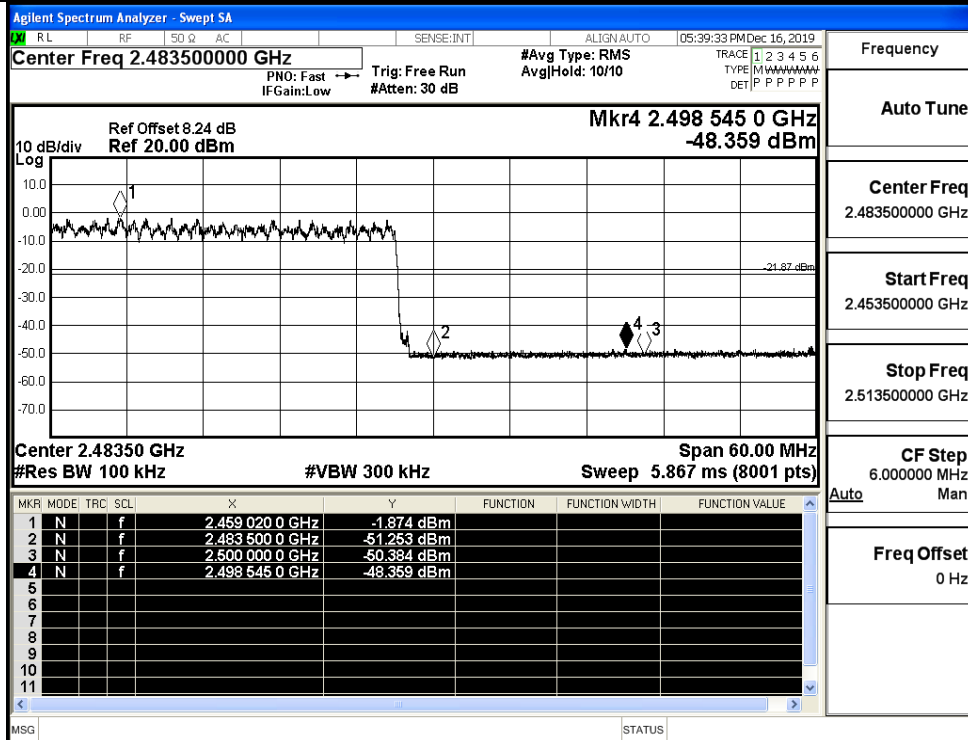
8DPSK/LCH/No Hop



8DPSK/LCH/Hop



8DPSK/HCH/Hop



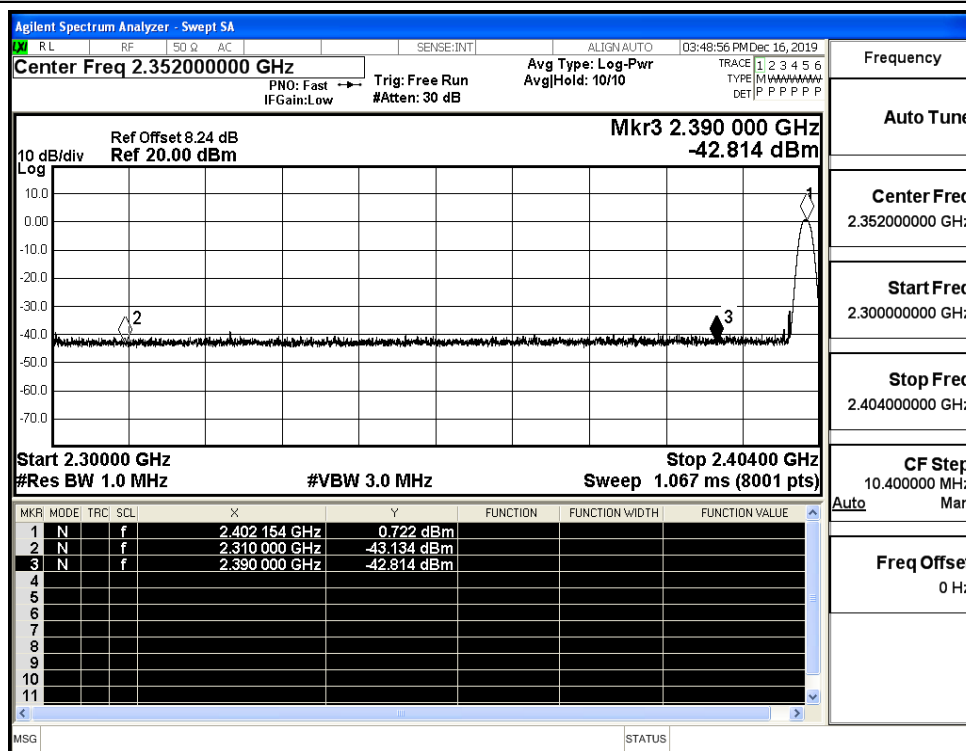
## A.8 Restrict-band band-edge measurements

### Left Ear

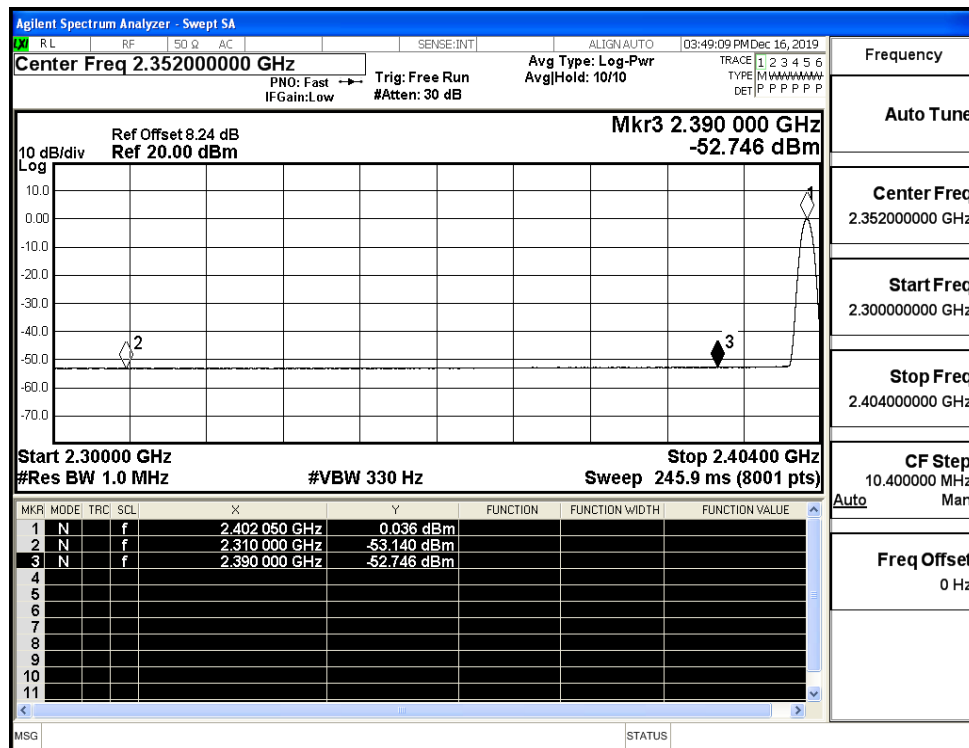
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-43.13	2.0	0	52.12	PEAK	74	PASS
	Off	2310.0	-53.14	2.0	0	42.12	AV	54	PASS
	Off	2390.0	-42.81	2.0	0	52.44	PEAK	74	PASS
	Off	2390.0	-52.75	2.0	0	42.51	AV	54	PASS
	Off	2483.5	-40.17	2.0	0	55.09	PEAK	74	PASS
	Off	2483.5	-52.27	2.0	0	42.99	AV	54	PASS
	Off	2500.0	-42.69	2.0	0	52.57	PEAK	74	PASS
	Off	2500.0	-51.98	2.0	0	43.27	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-43.42	2.0	0	51.84	PEAK	74	PASS
	Off	2310.0	-53.10	2.0	0	42.16	AV	54	PASS
	Off	2390.0	-42.27	2.0	0	52.99	PEAK	74	PASS
	Off	2390.0	-52.72	2.0	0	42.54	AV	54	PASS
	Off	2483.5	-40.73	2.0	0	54.53	PEAK	74	PASS
	Off	2483.5	-52.21	2.0	0	43.04	AV	54	PASS
	Off	2500.0	-41.24	2.0	0	54.01	PEAK	74	PASS
	Off	2500.0	-52.12	2.0	0	43.14	AV	54	PASS
8DPSK	Off	2310.0	-41.65	2.0	0	53.61	PEAK	74	PASS
	Off	2310.0	-53.19	2.0	0	42.07	AV	54	PASS
	Off	2390.0	-41.84	2.0	0	53.41	PEAK	74	PASS
	Off	2390.0	-52.76	2.0	0	42.50	AV	54	PASS
	Off	2483.5	-42.17	2.0	0	53.09	PEAK	74	PASS
	Off	2483.5	-52.25	2.0	0	43.01	AV	54	PASS
	Off	2500.0	-41.80	2.0	0	53.45	PEAK	74	PASS
	Off	2500.0	-52.09	2.0	0	43.17	AV	54	PASS



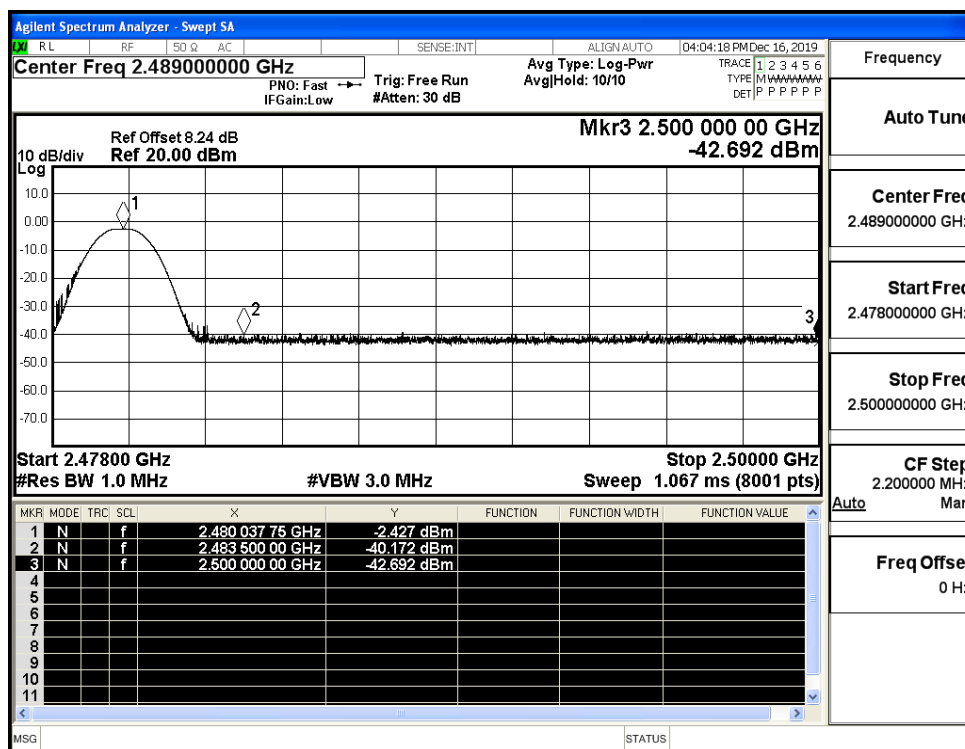
## Restrict-band band-edge measurements\_Hopping Off\_GFSK\_PEAK (Low Channel)



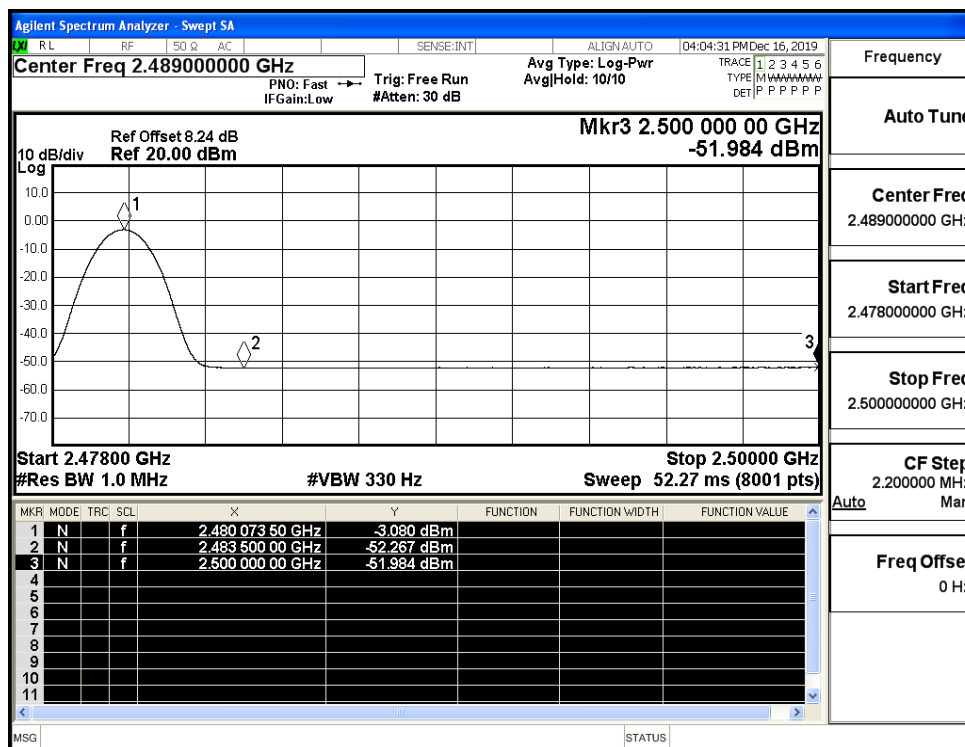
## Restrict-band band-edge measurements\_Hopping Off\_GFSK\_Average (Low Channel)

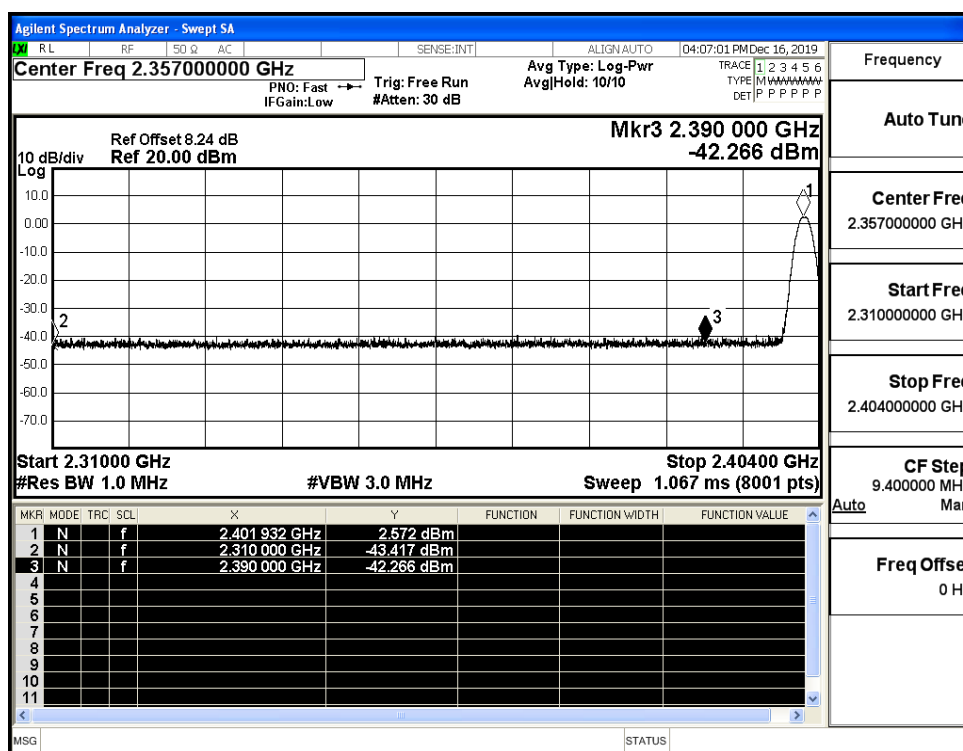
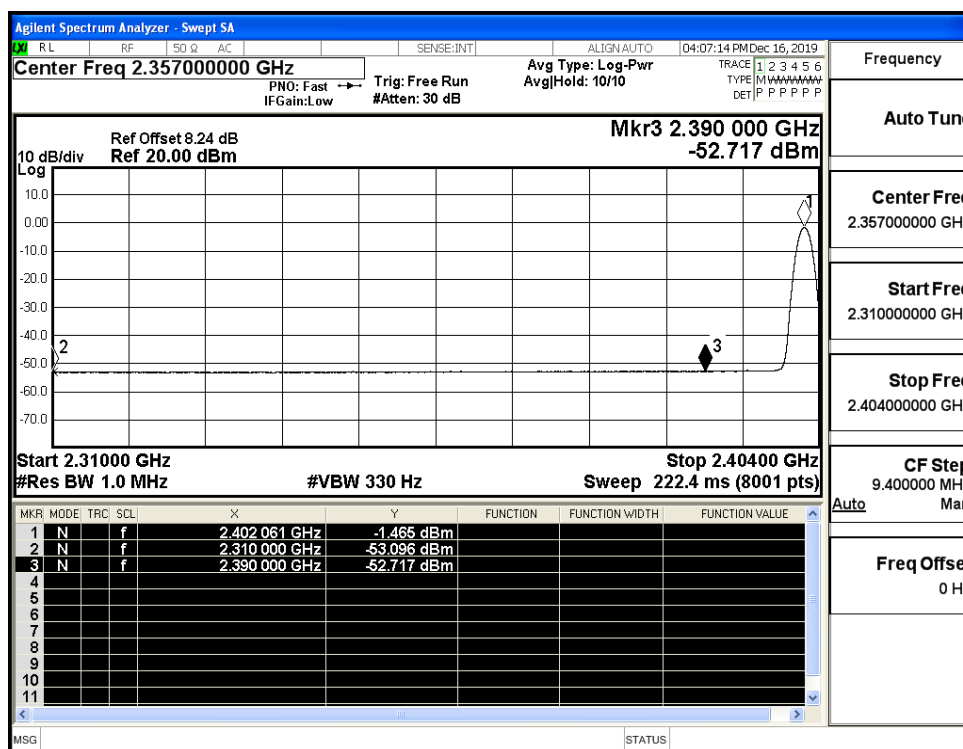


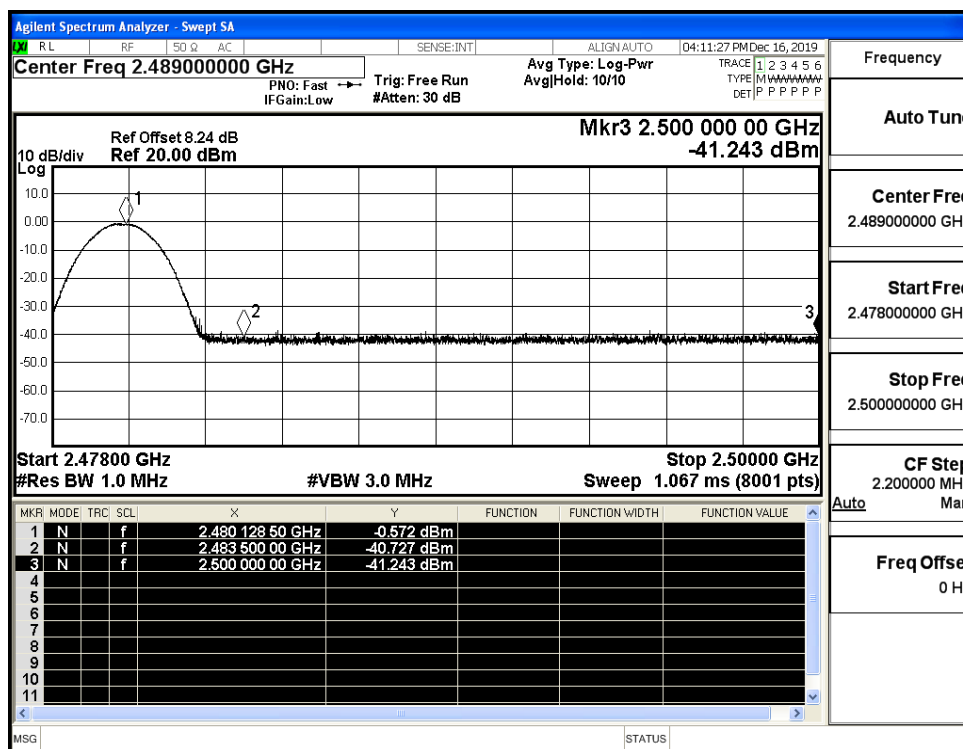
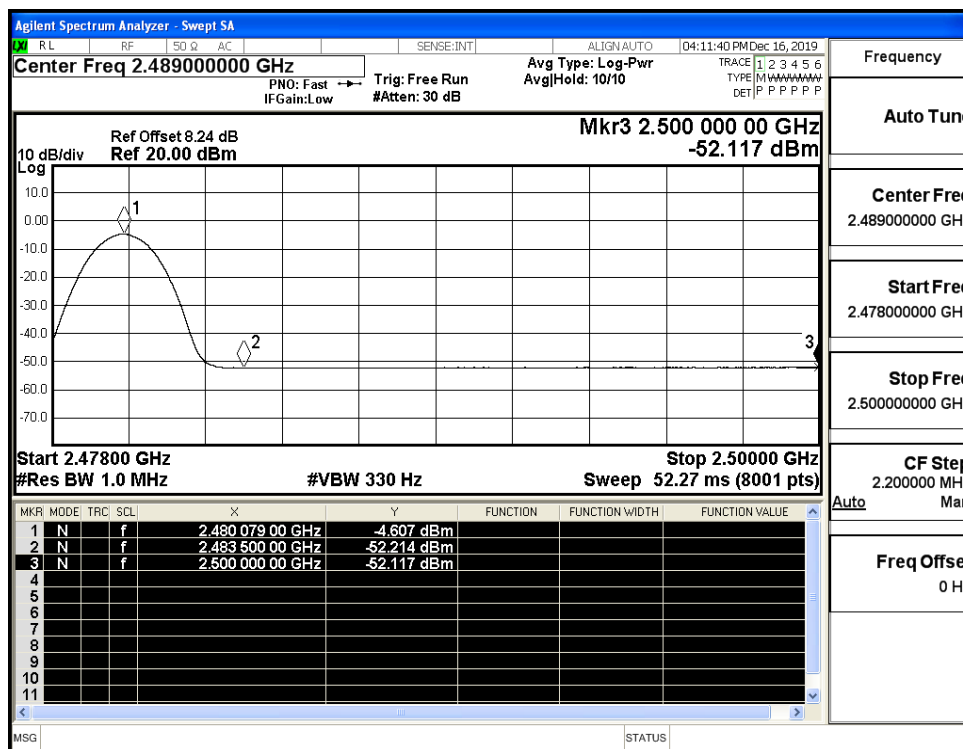
## Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (High Channel)



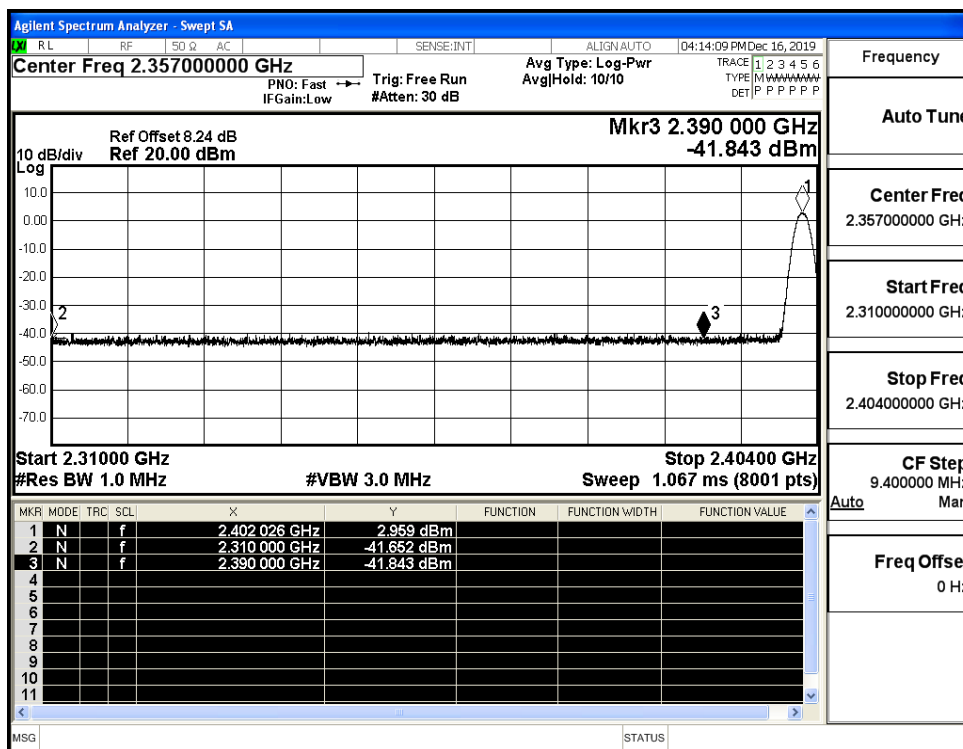
## Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (High Channel)



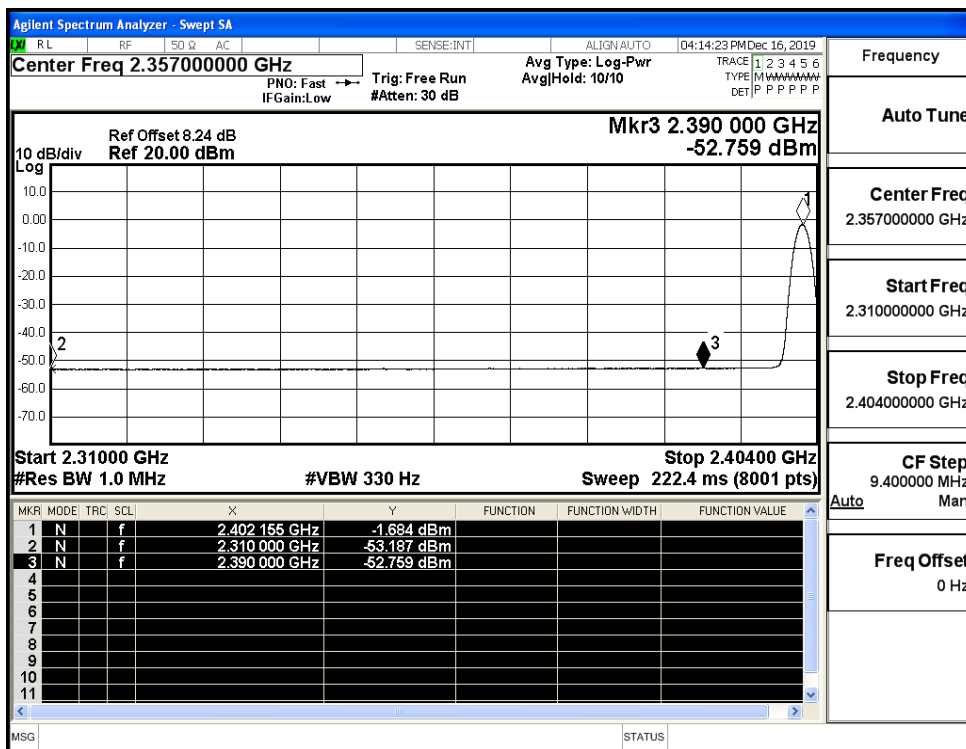
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_PEAK (Low Channel)Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_Average (Low Channel)

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)

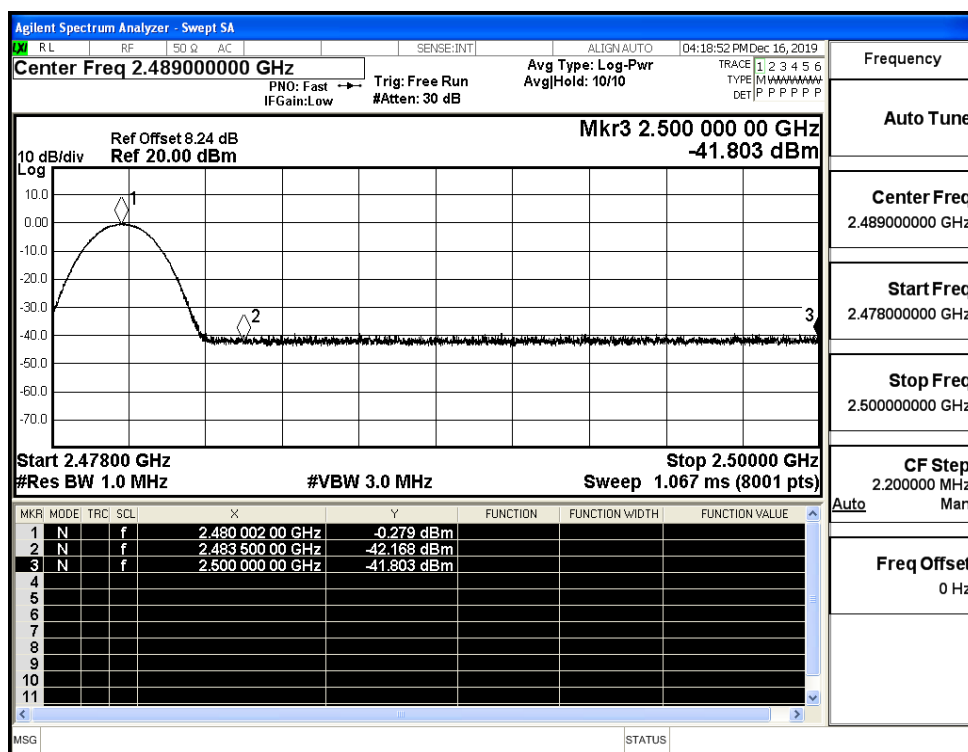
## Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



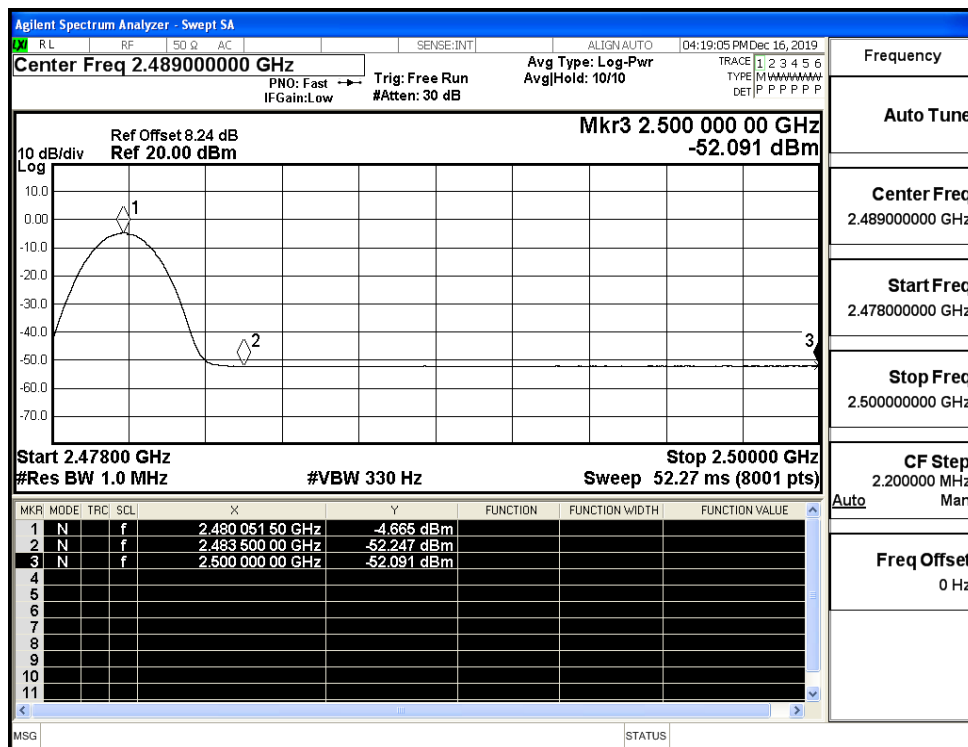
## Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_Average (Low Channel)



## Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (High Channel)



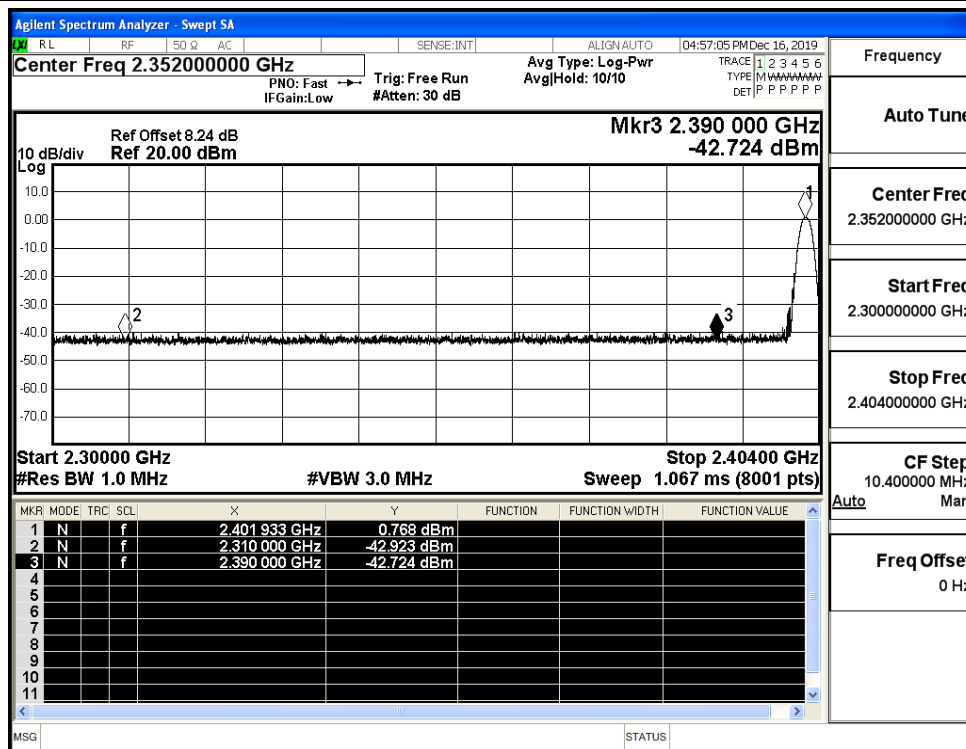
## Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_Average (High Channel)



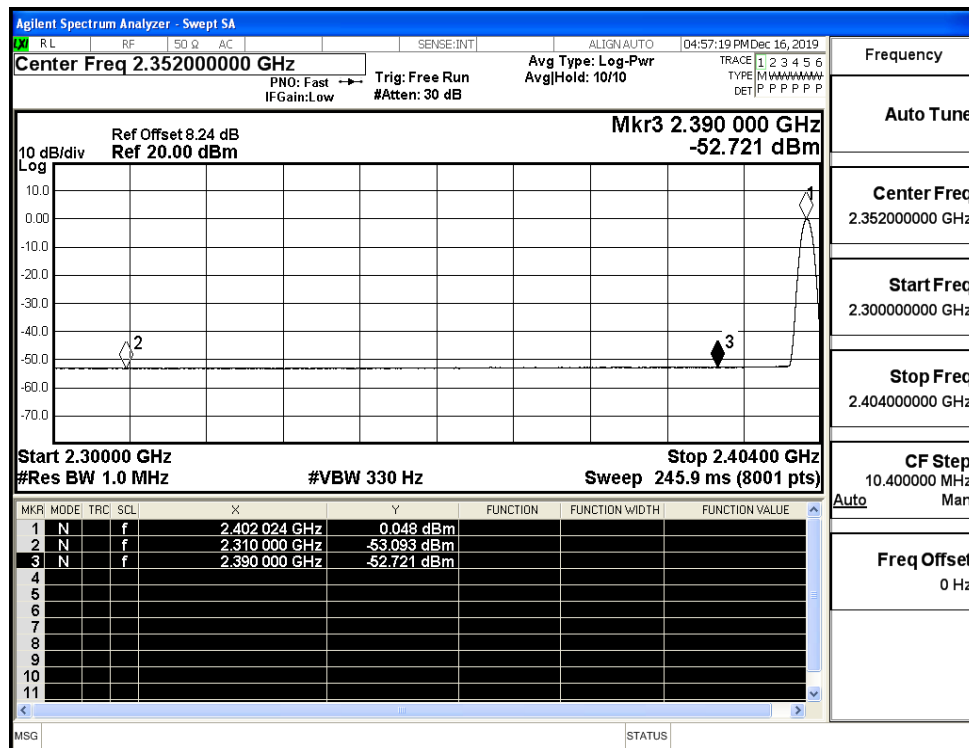
## Right Ear

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-42.92	2.0	0	52.33	PEAK	74	PASS
	Off	2310.0	-53.09	2.0	0	42.16	AV	54	PASS
	Off	2390.0	-42.72	2.0	0	52.53	PEAK	74	PASS
	Off	2390.0	-52.72	2.0	0	42.54	AV	54	PASS
	Off	2483.5	-41.74	2.0	0	53.52	PEAK	74	PASS
	Off	2483.5	-52.20	2.0	0	43.06	AV	54	PASS
	Off	2500.0	-42.07	2.0	0	53.19	PEAK	74	PASS
	Off	2500.0	-52.14	2.0	0	43.12	AV	54	PASS
$\pi/4$ DQPSK	Off	2310.0	-42.60	2.0	0	52.66	PEAK	74	PASS
	Off	2310.0	-52.96	2.0	0	42.30	AV	54	PASS
	Off	2390.0	-41.82	2.0	0	53.44	PEAK	74	PASS
	Off	2390.0	-52.67	2.0	0	42.59	AV	54	PASS
	Off	2483.5	-41.69	2.0	0	53.57	PEAK	74	PASS
	Off	2483.5	-52.21	2.0	0	43.04	AV	54	PASS
	Off	2500.0	-40.80	2.0	0	54.45	PEAK	74	PASS
	Off	2500.0	-52.04	2.0	0	43.22	AV	54	PASS
8DPSK	Off	2310.0	-43.90	2.0	0	51.36	PEAK	74	PASS
	Off	2310.0	-53.13	2.0	0	42.13	AV	54	PASS
	Off	2390.0	-42.76	2.0	0	52.49	PEAK	74	PASS
	Off	2390.0	-52.78	2.0	0	42.48	AV	54	PASS
	Off	2483.5	-40.80	2.0	0	54.46	PEAK	74	PASS
	Off	2483.5	-52.26	2.0	0	43.00	AV	54	PASS
	Off	2500.0	-42.03	2.0	0	53.22	PEAK	74	PASS
	Off	2500.0	-52.01	2.0	0	43.25	AV	54	PASS

## Restrict-band band-edge measurements\_Hopping Off\_GFSK\_PEAK (Low Channel)

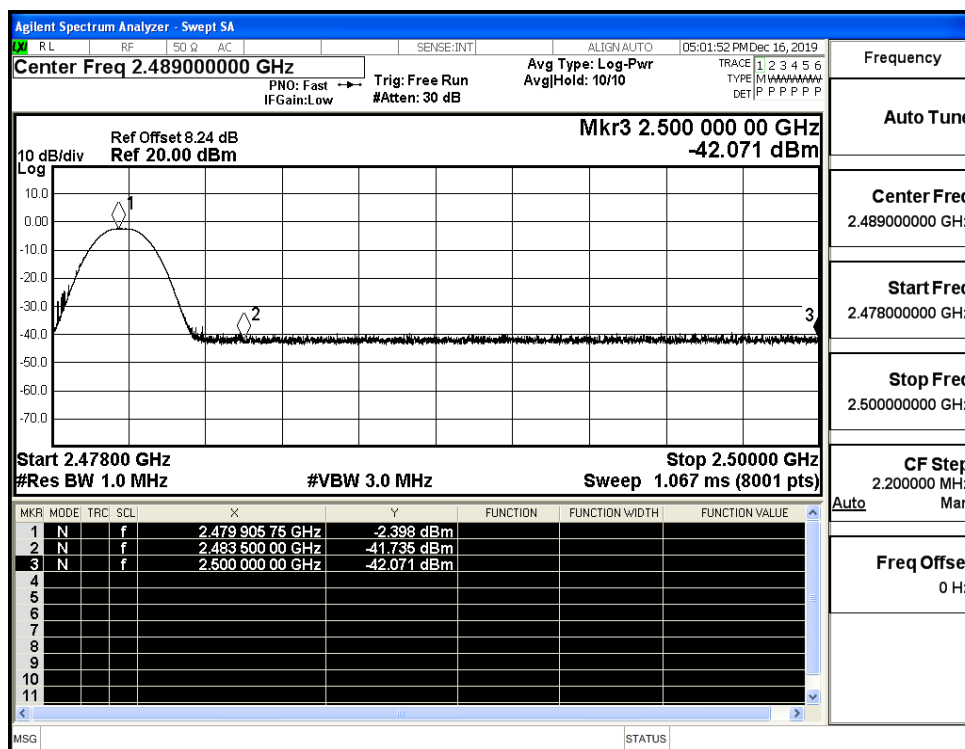


## Restrict-band band-edge measurements\_Hopping Off\_GFSK\_Average (Low Channel)

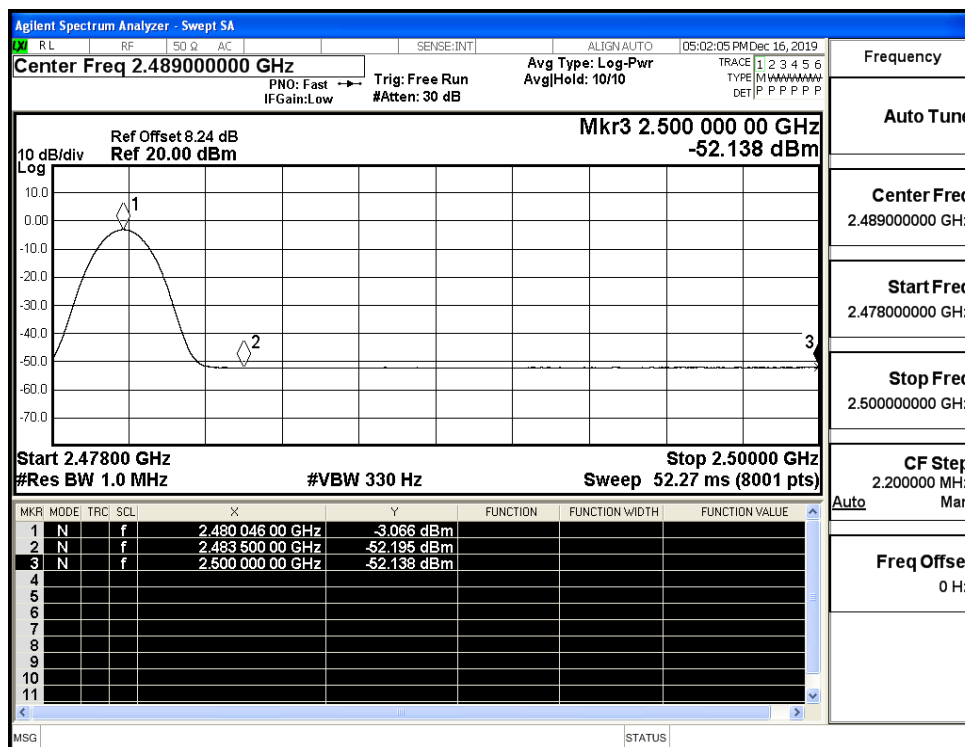


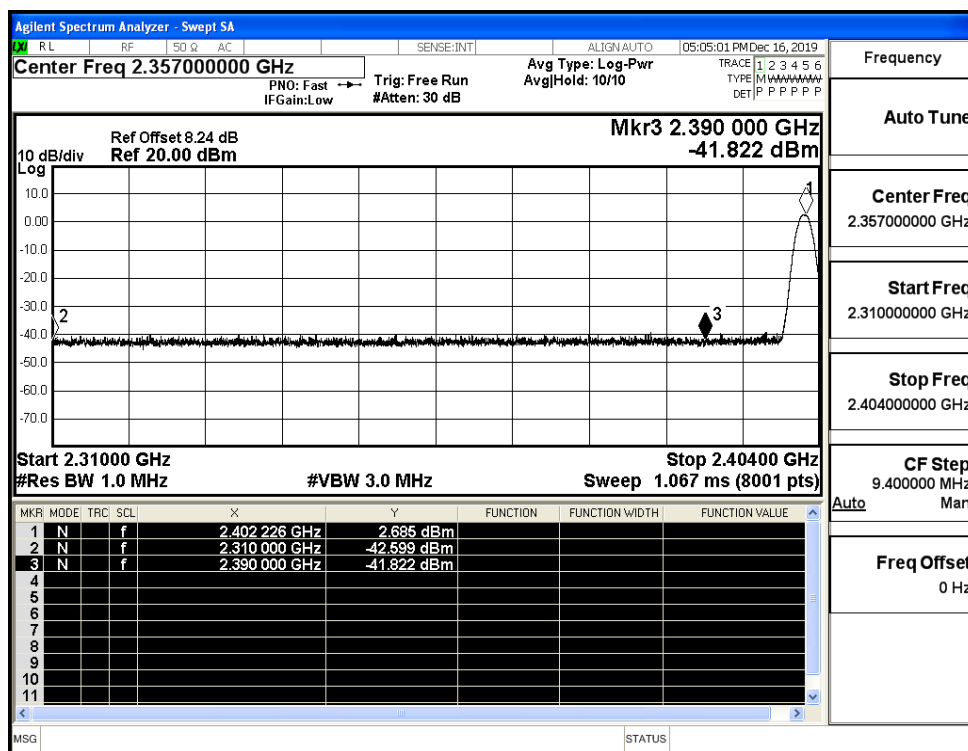
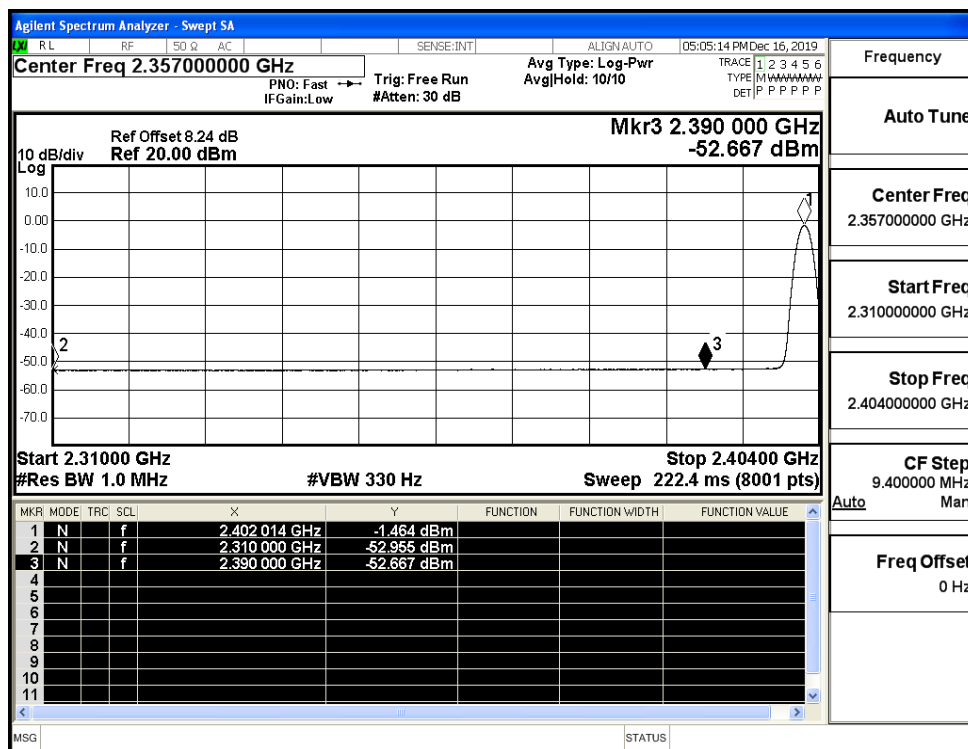


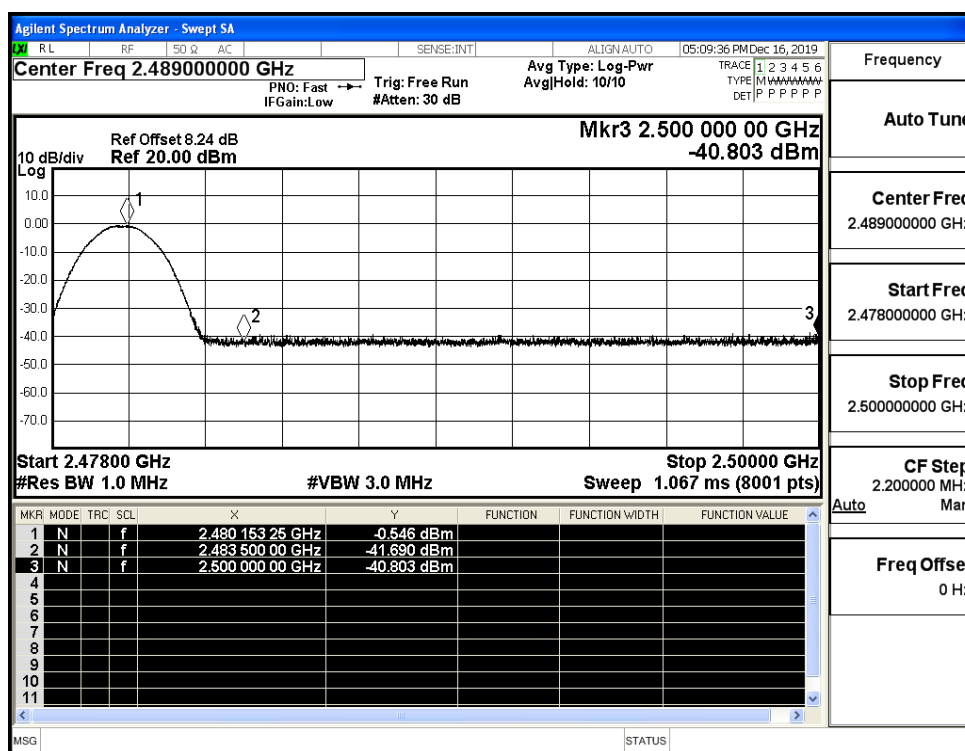
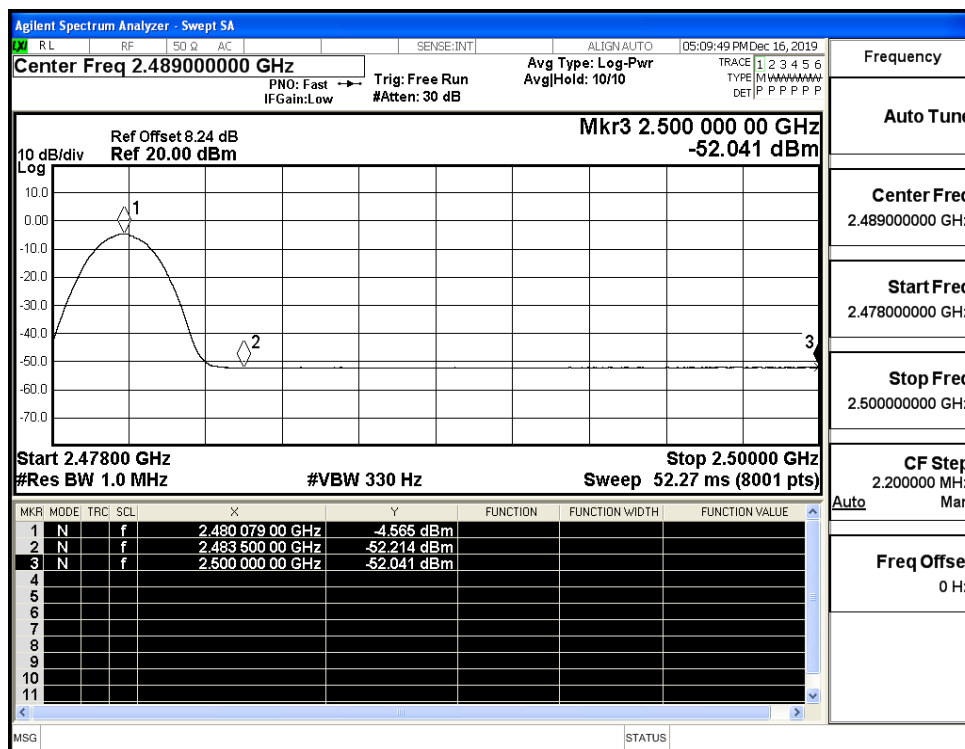
## Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (High Channel)



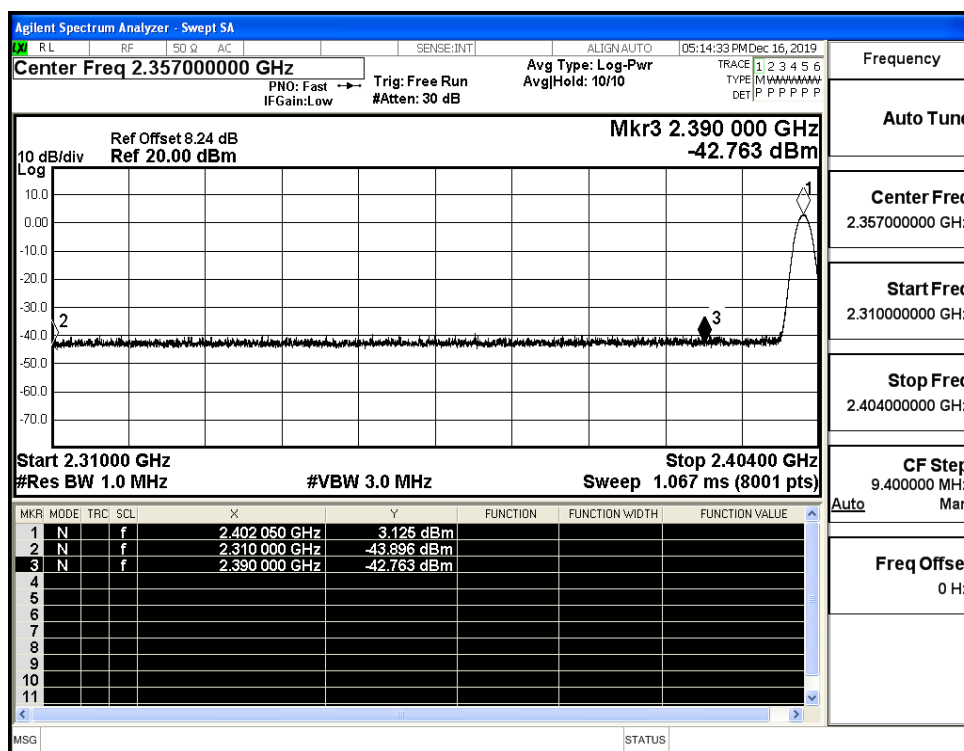
## Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (High Channel)



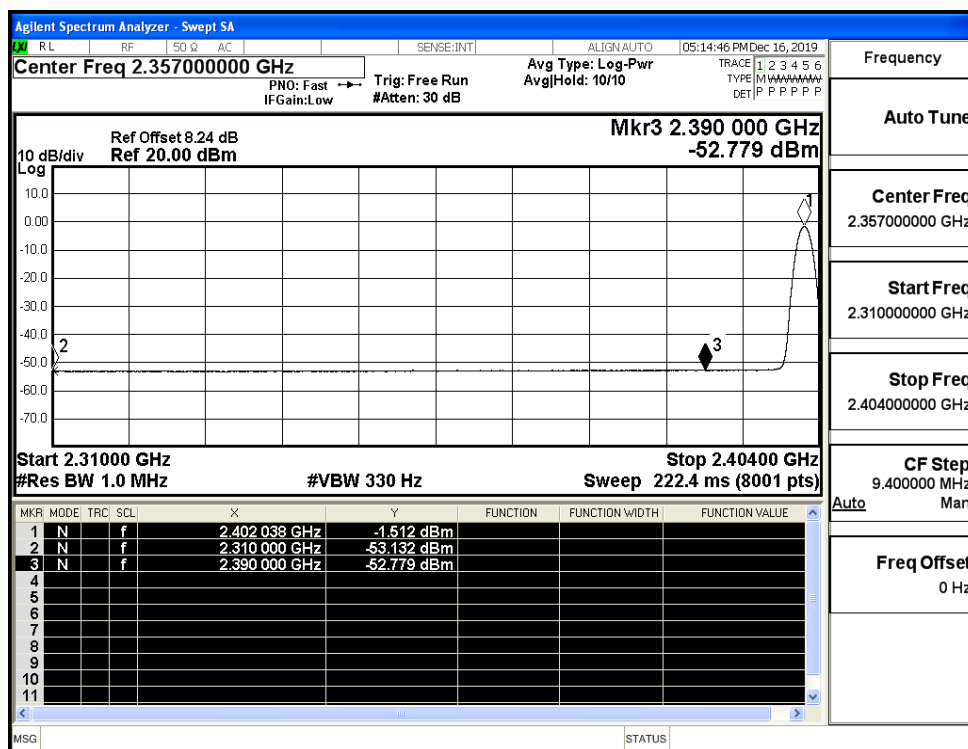
Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_PEAK (Low Channel)Restrict-band band-edge measurements\_Hopping Off  $\pi/4$ -DQPSK\_Average (Low Channel)

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)

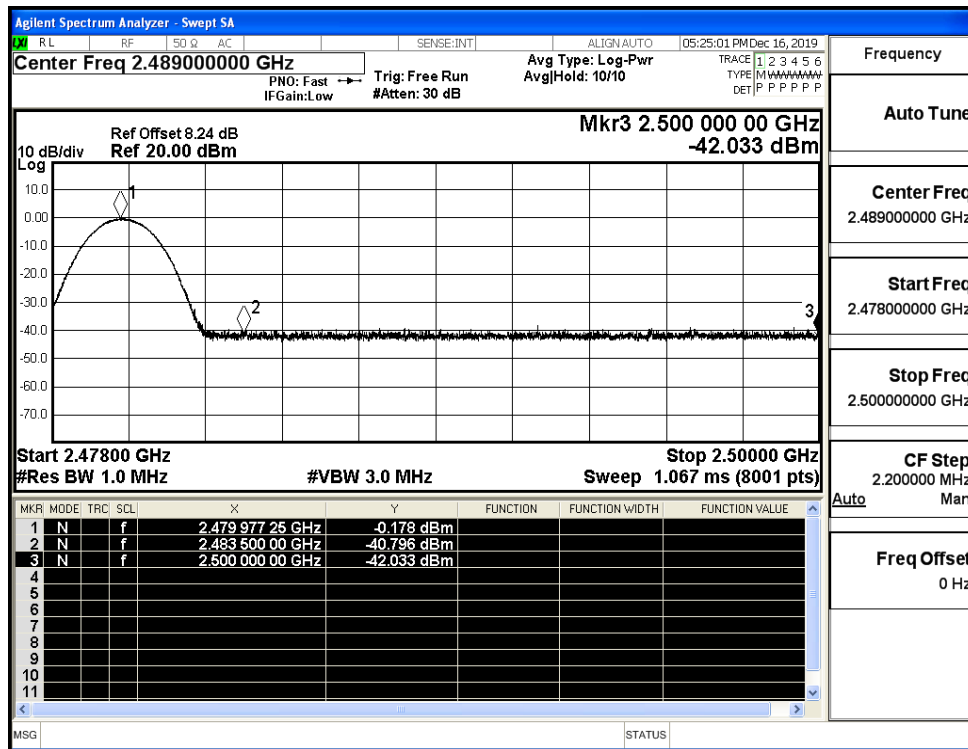
## Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



## 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)

