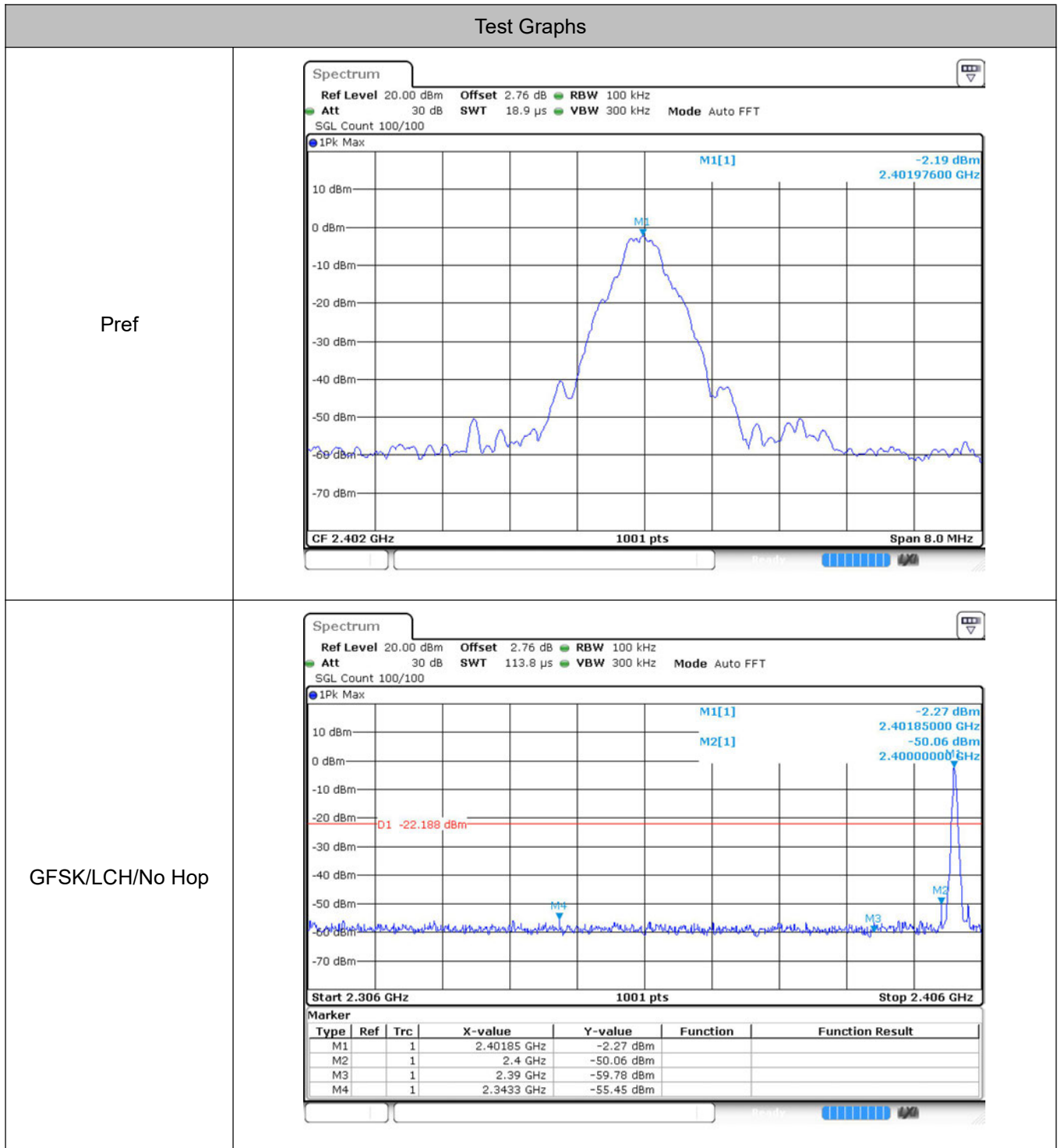


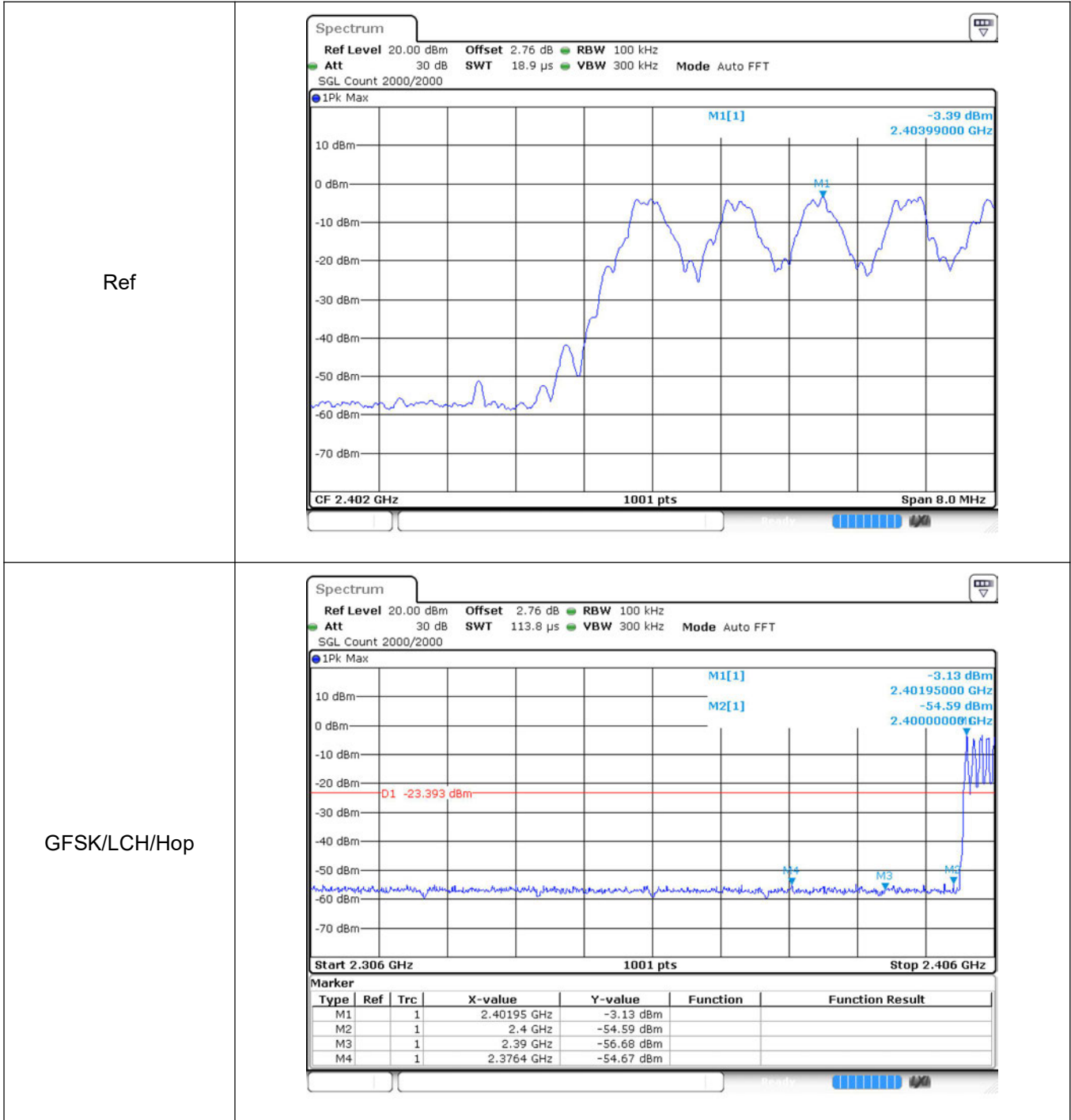
## 8 Band-edge for RF Conducted Emissions

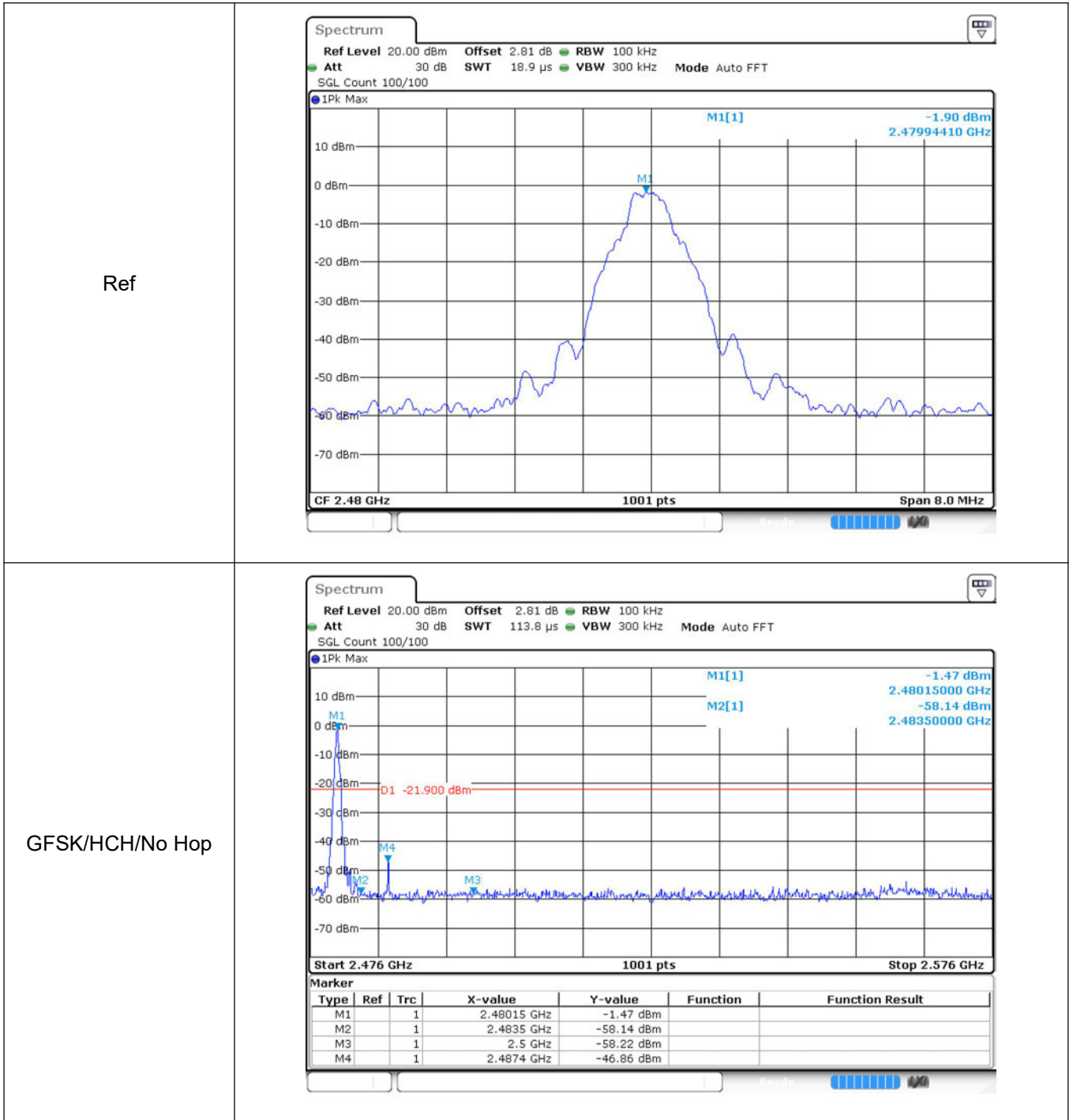
### 8.1 Test Result

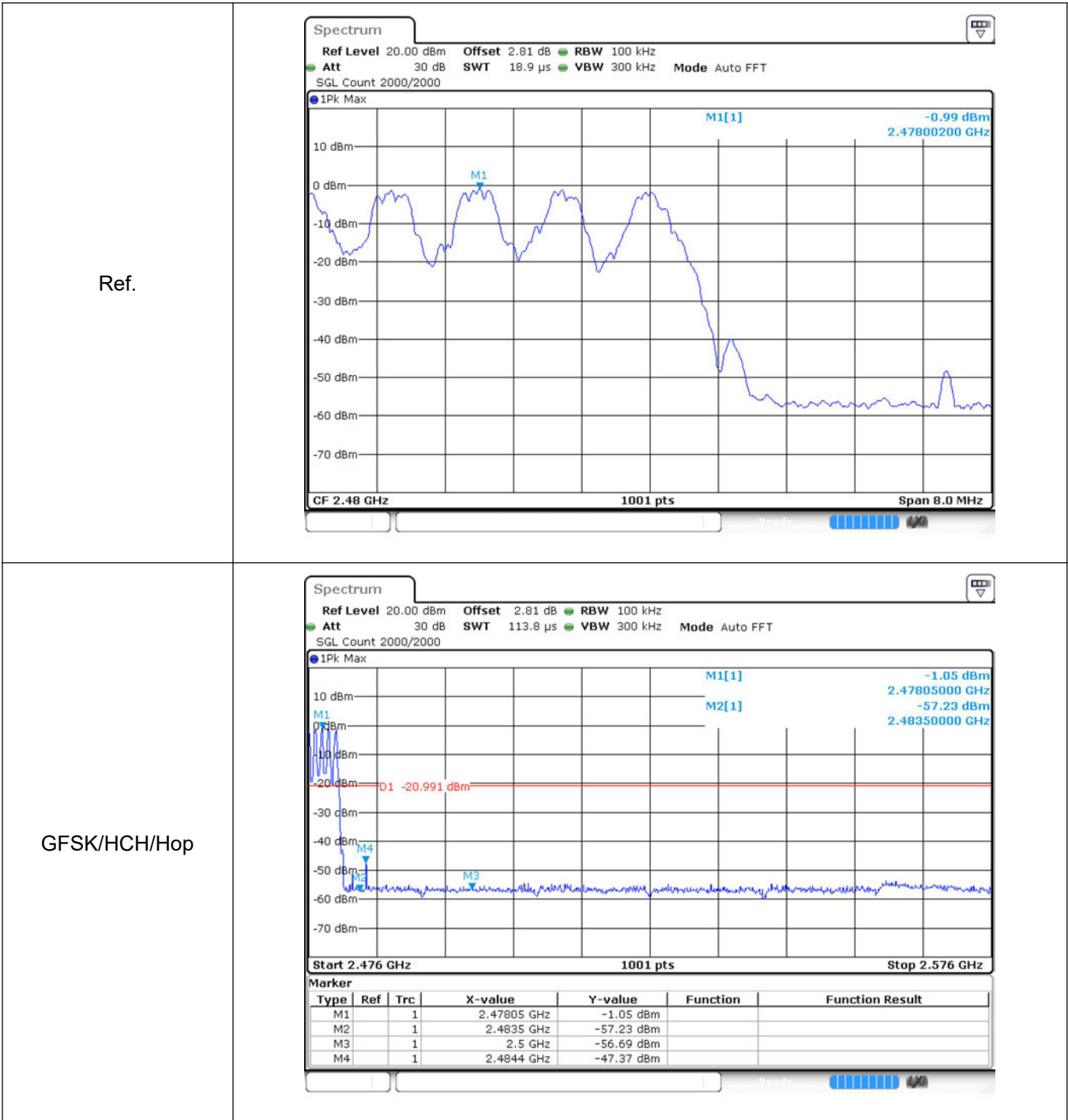
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-53.25	-20	Pass
			On	-51.27	-20	Pass
	HCH	2480	Off	-44.95	-20	Pass
			On	-46.37	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-51.82	-20	Pass
			On	-48.82	-20	Pass
	HCH	2480	Off	-49.12	-20	Pass
			On	-48.26	-20	Pass
8DPSK	LCH	2402	Off	-51.14	-20	Pass
			On	-49.63	-20	Pass
	HCH	2480	Off	-51.54	-20	Pass
			On	-53.2	-20	Pass

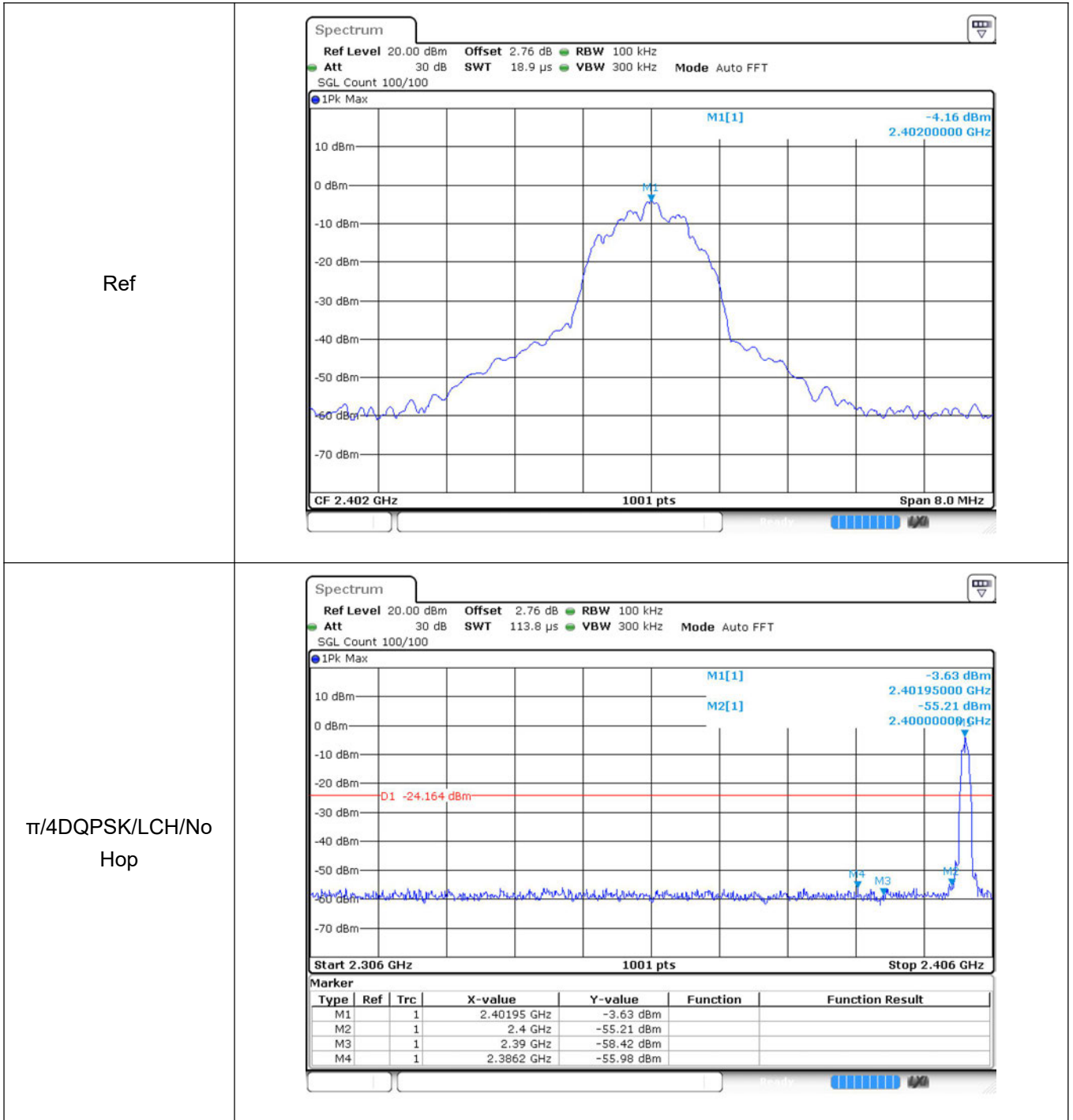
## 8.2 Test Graphs



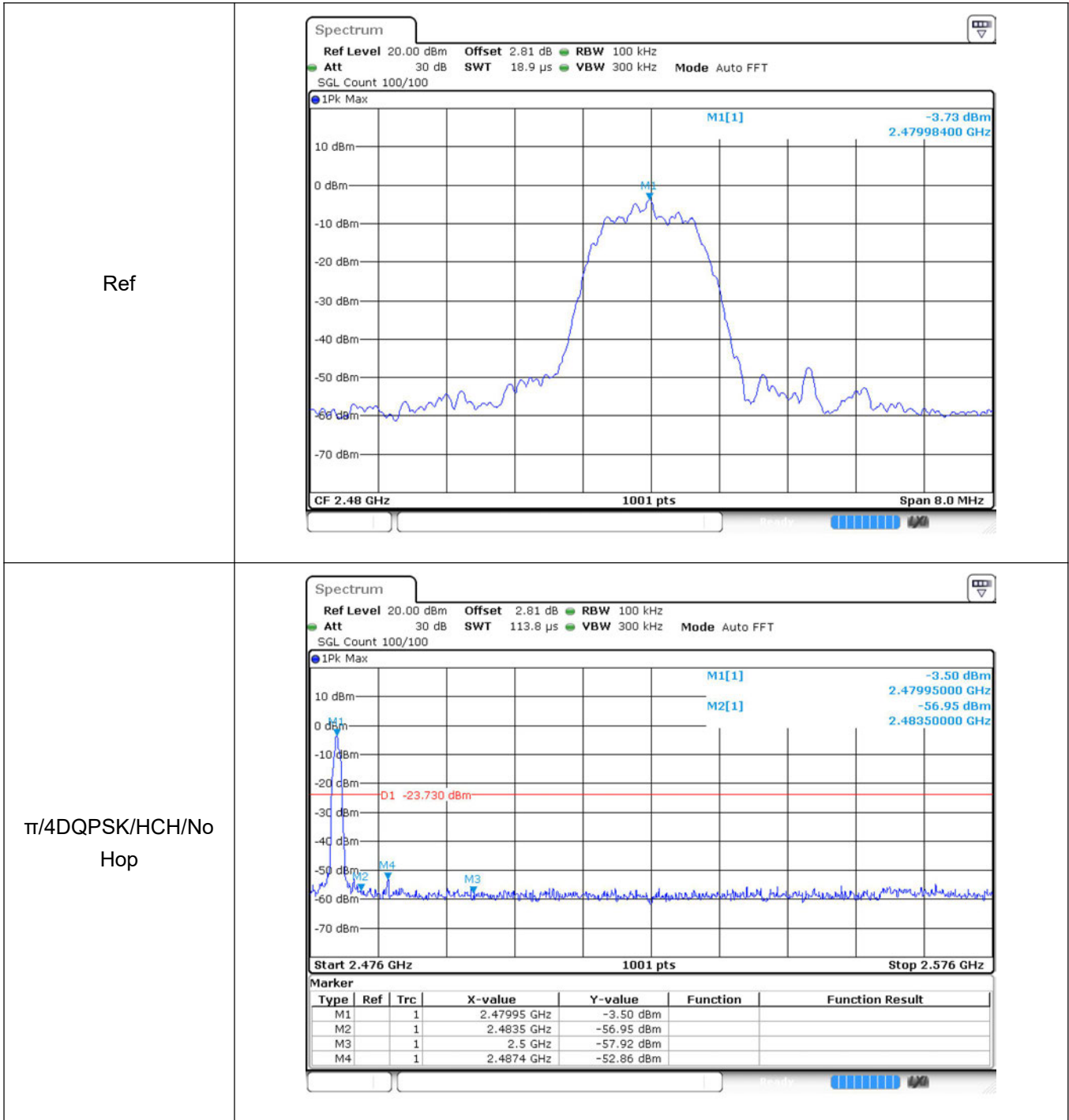




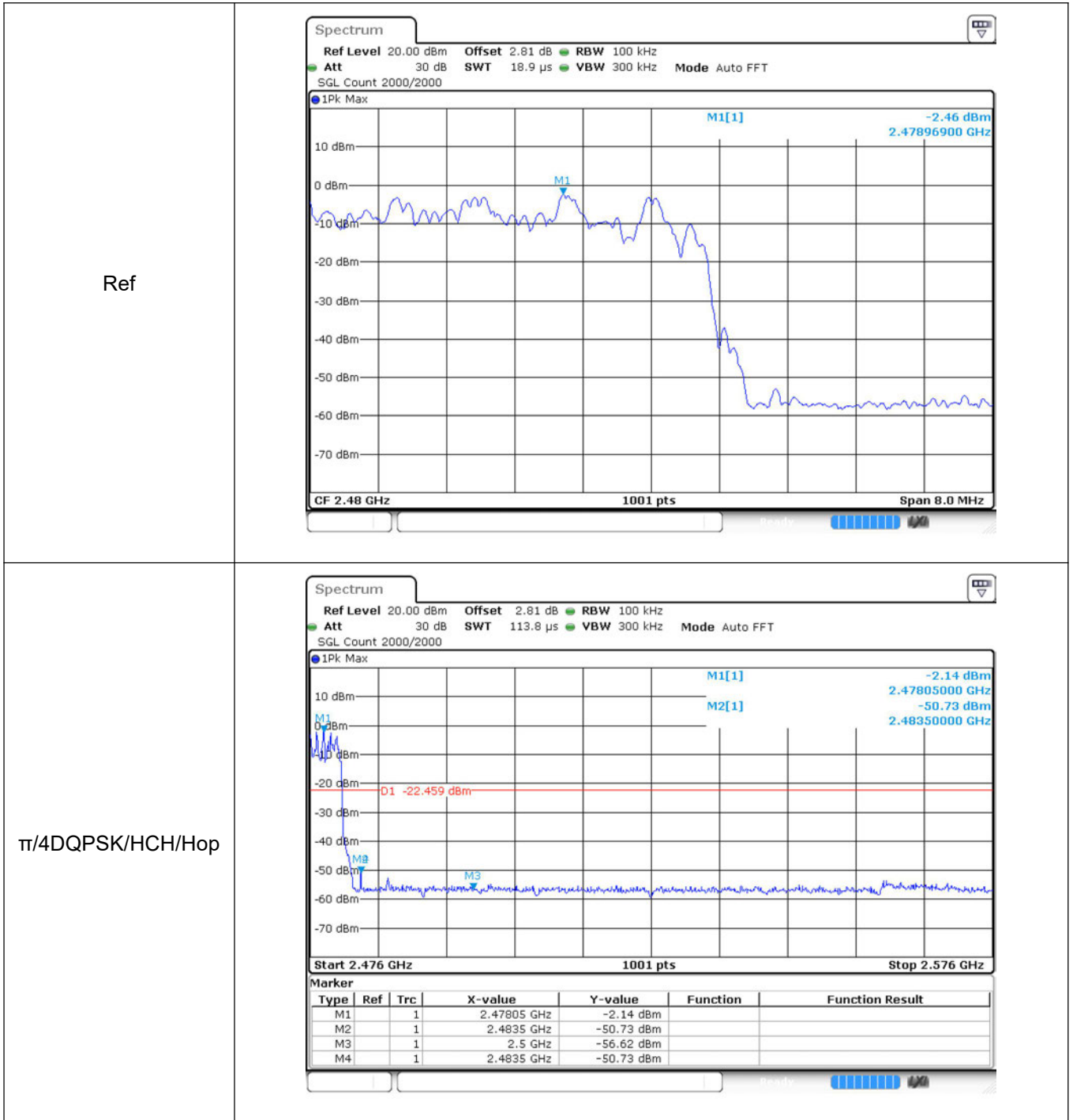


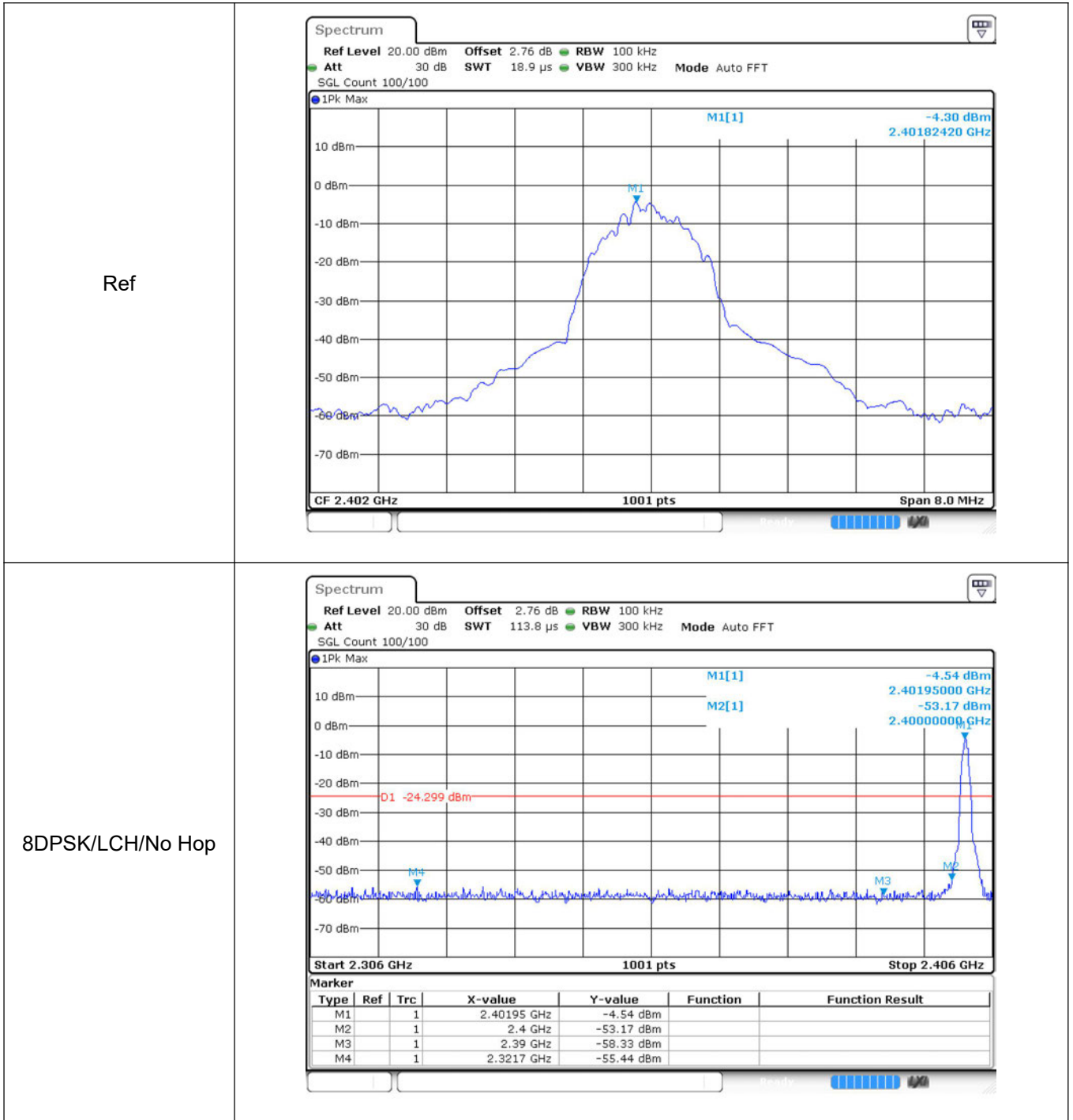


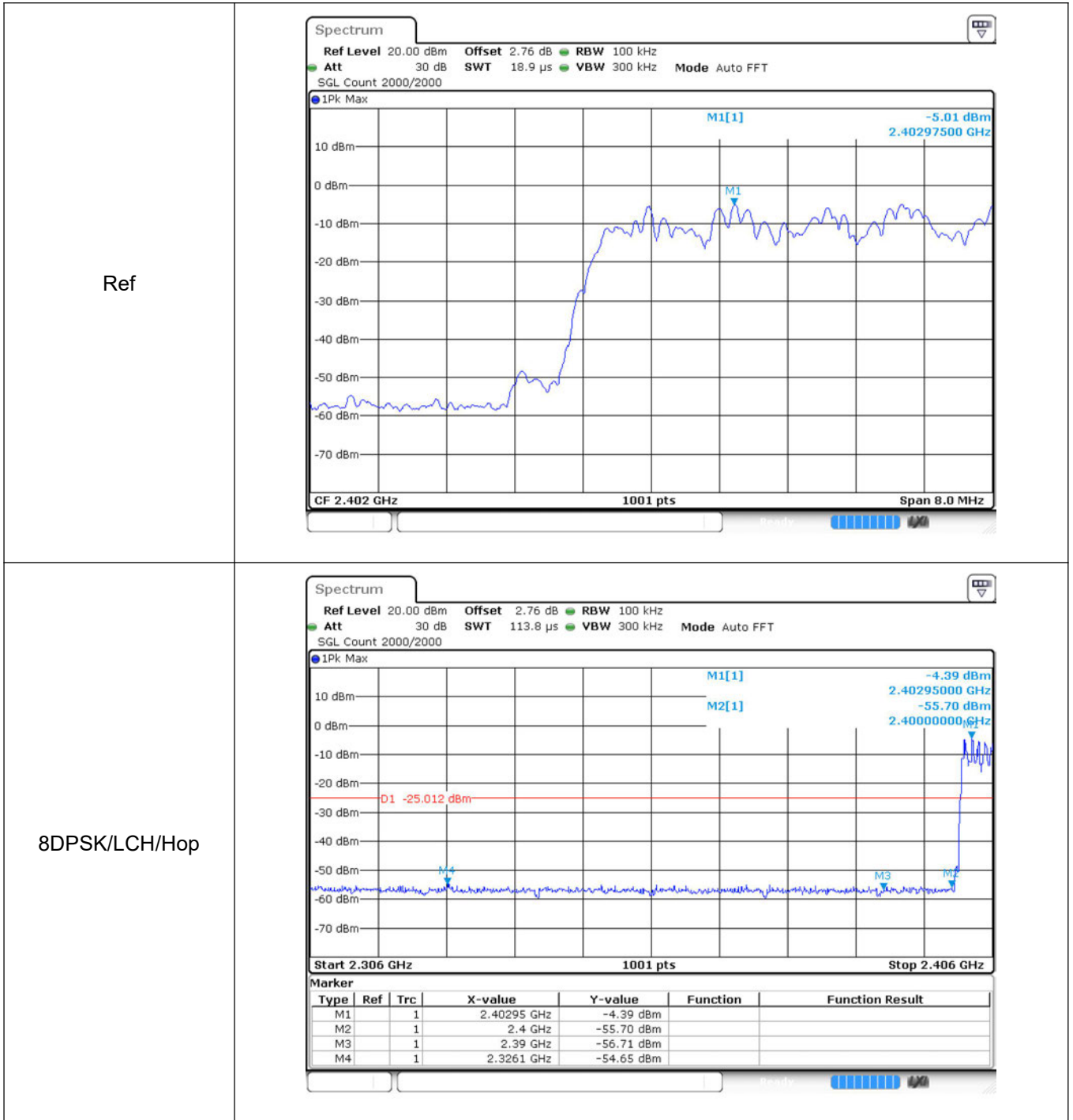


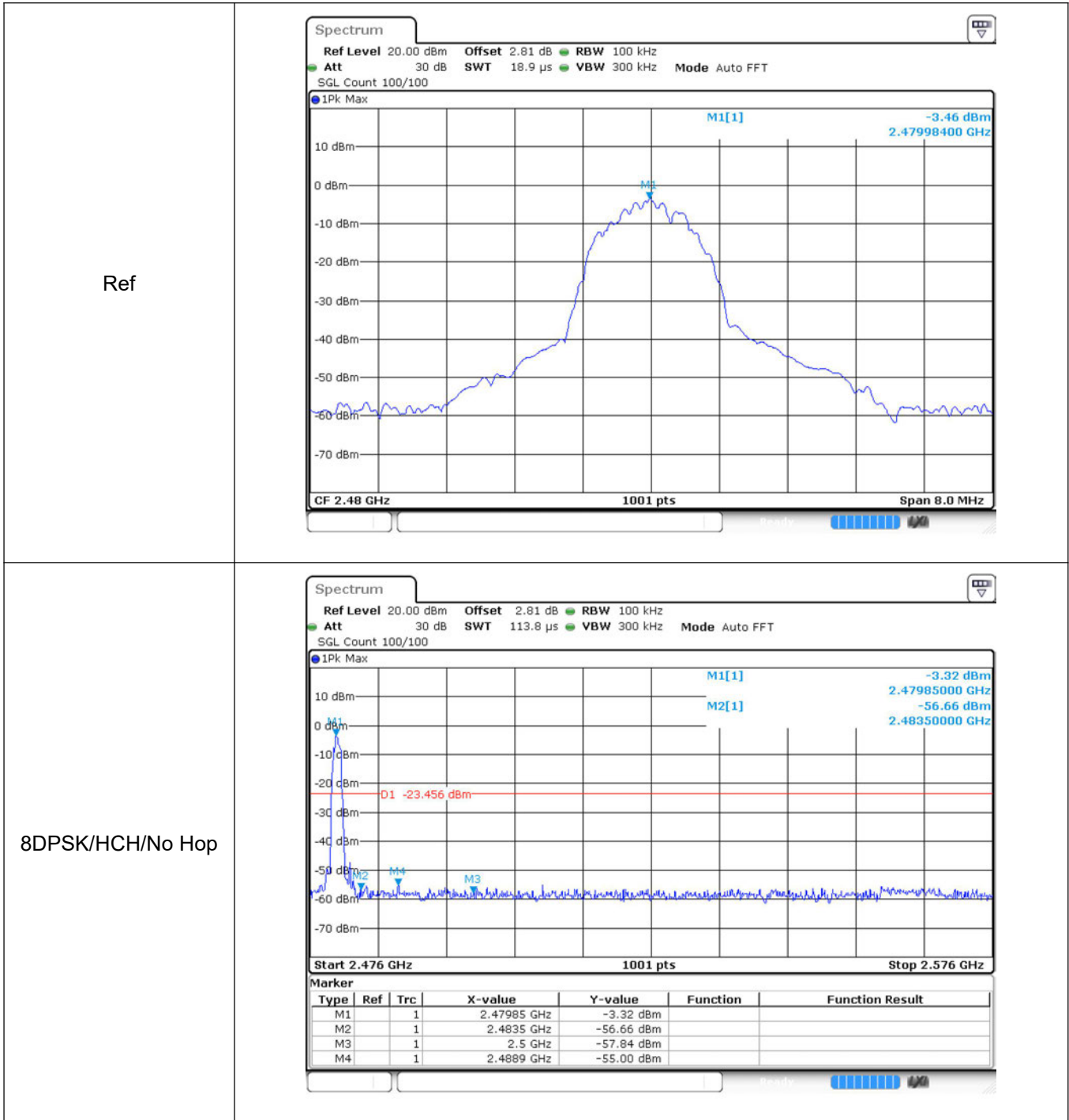


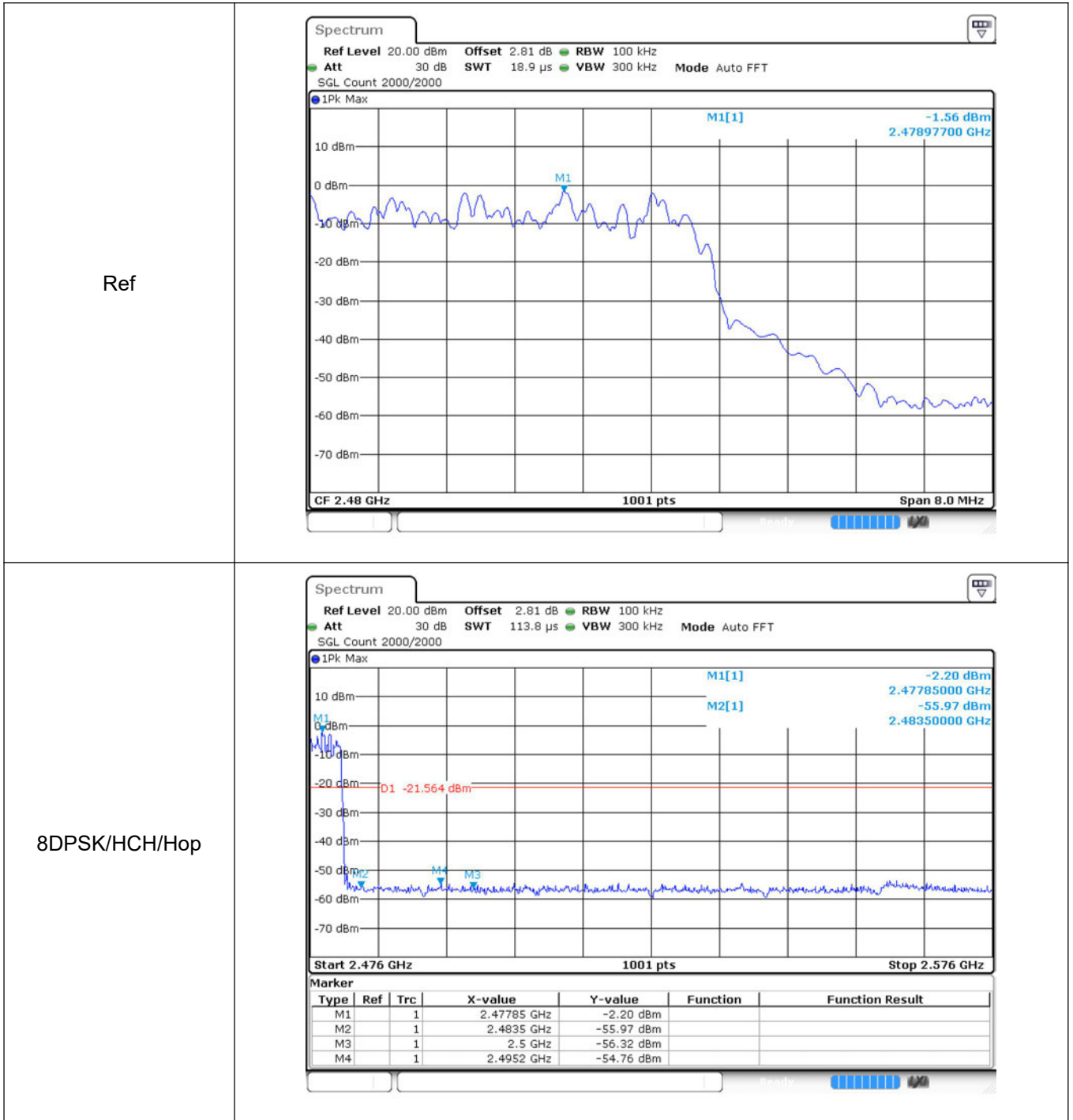












## 9 Restrict-band band-edge measurements

### 9.1 Test Result

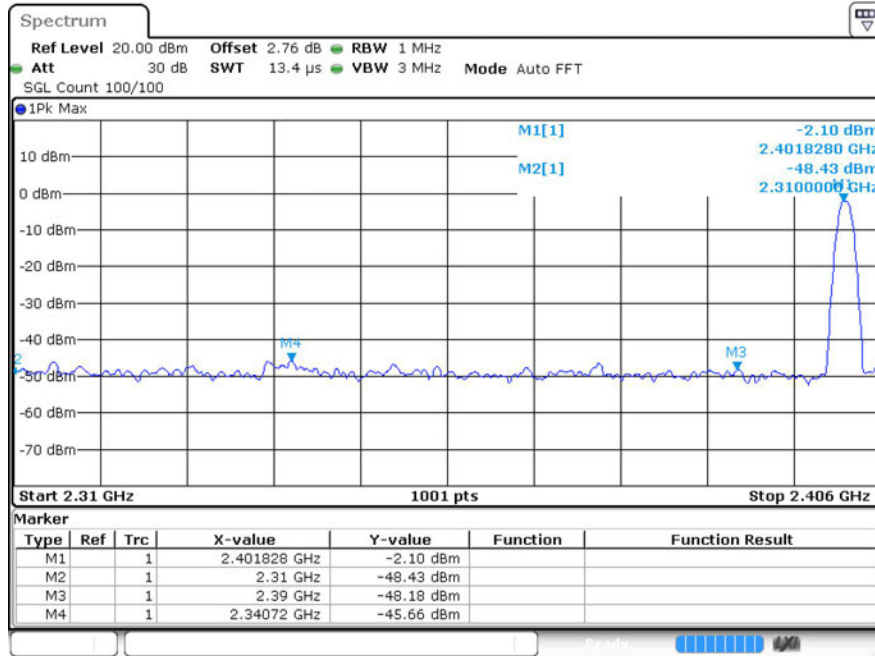
Test Mode	Hopping	Freq.	Power [dBm]	Gain	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-48.43	2	48.83	PEAK	74	Pass
	Off	2310.0	-49.21	2	48.05	AV	54	Pass
	Off	2340.72	-45.66	2	51.6	PEAK	74	Pass
	Off	2342.736	-45.88	2	51.38	AV	54	Pass
	Off	2390.0	-48.18	2	49.08	PEAK	74	Pass
	Off	2390.0	-50.26	2	47	AV	54	Pass
	Off	2483.5	-49.17	2	48.09	PEAK	74	Pass
	Off	2483.5	-56.93	2	40.33	AV	54	Pass
	Off	2492.464	-46.47	2	50.79	PEAK	74	Pass
	Off	2487.232	-56.8	2	40.46	AV	54	Pass
	Off	2500.0	-49.11	2	48.15	PEAK	74	Pass
	Off	2500.0	-57.29	2	39.97	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-48.99	2	48.27	PEAK	74	Pass
	Off	2310.0	-57.5	2	39.76	AV	54	Pass
	Off	2345.136	-45.78	2	51.48	PEAK	74	Pass
	Off	2338.992	-55.27	2	41.99	AV	54	Pass
	Off	2390.0	-48.95	2	48.31	PEAK	74	Pass
	Off	2390.0	-57.74	2	39.52	AV	54	Pass
	Off	2483.5	-49.33	2	47.93	PEAK	74	Pass
	Off	2483.5	-56.12	2	41.14	AV	54	Pass
	Off	2487.424	-45.93	2	51.33	PEAK	74	Pass
	Off	2483.512	-56.12	2	41.14	AV	54	Pass
	Off	2500.0	-48.93	2	48.33	PEAK	74	Pass
	Off	2500.0	-57.65	2	39.61	AV	54	Pass
8DPSK	Off	2310.0	-49.67	2	47.59	PEAK	74	Pass
	Off	2310.0	-57.28	2	39.98	AV	54	Pass
	Off	2339.28	-45.46	2	51.8	PEAK	74	Pass
	Off	2339.088	-55.25	2	42.01	AV	54	Pass



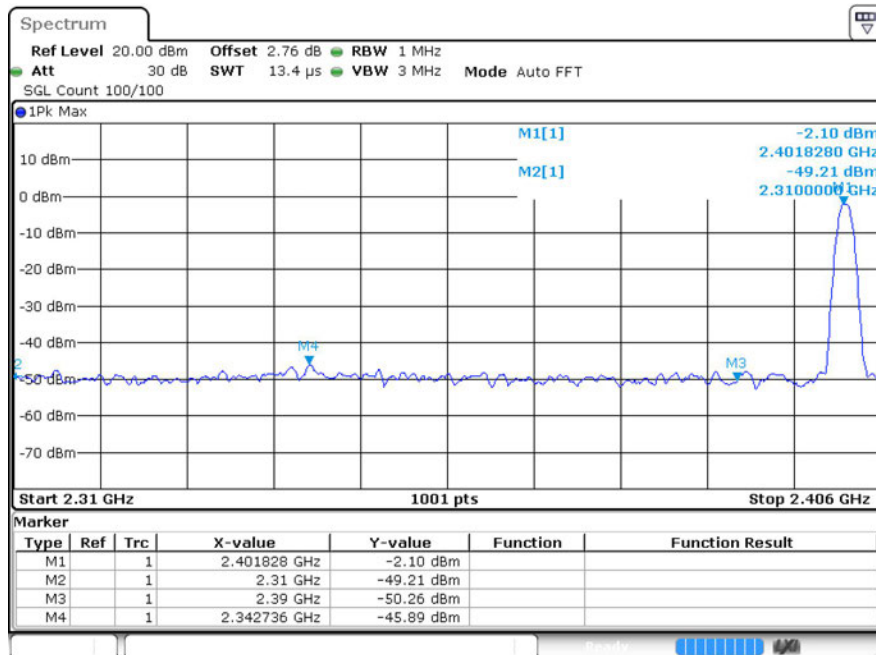
Off	2390.0	-49.91	2	47.35	PEAK	74	Pass
Off	2390.0	-57.65	2	39.61	AV	54	Pass
Off	2483.5	-48.45	2	48.81	PEAK	74	Pass
Off	2483.5	-55.8	2	41.46	AV	54	Pass
Off	2487.568	-44.42	2	52.84	PEAK	74	Pass
Off	2483.512	-55.8	2	41.46	AV	54	Pass
Off	2500.0	-49.67	2	47.59	PEAK	74	Pass
Off	2500.0	-57.39	2	39.87	AV	54	Pass

## 9.2 Test Graphs

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

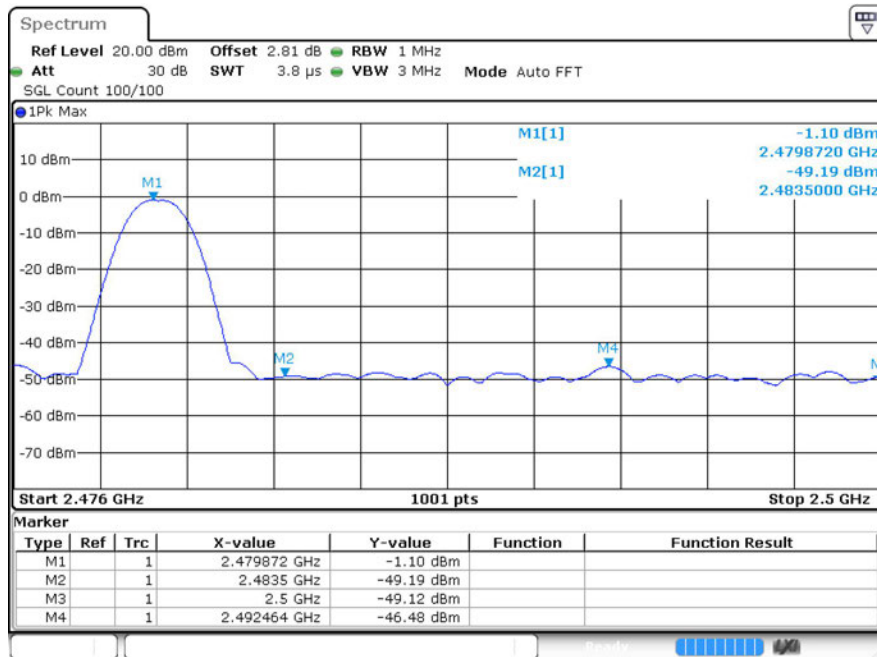


Restrict-band band-edge measurements\_Hopping Off\_GFSK\_Average (Low Channel)

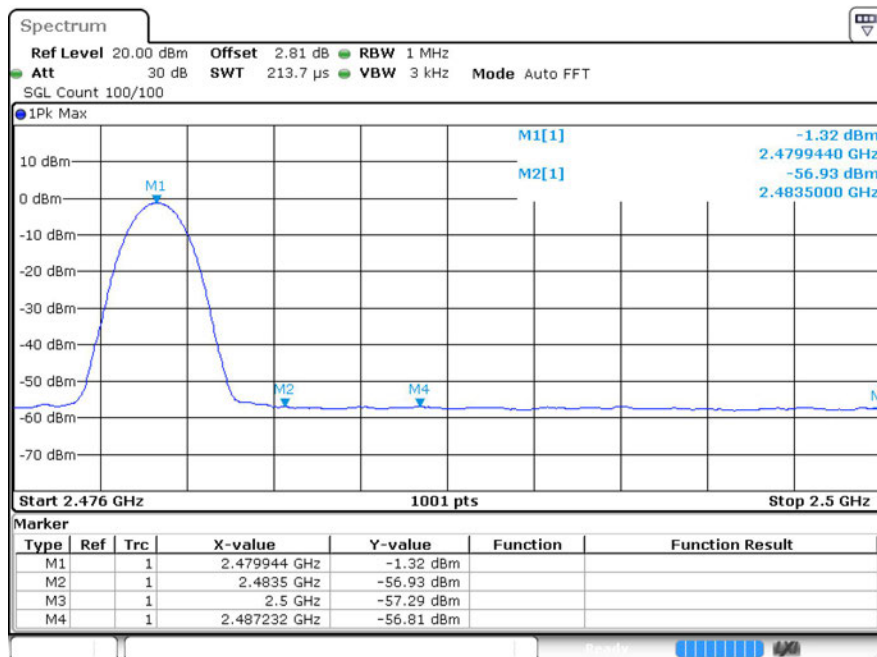




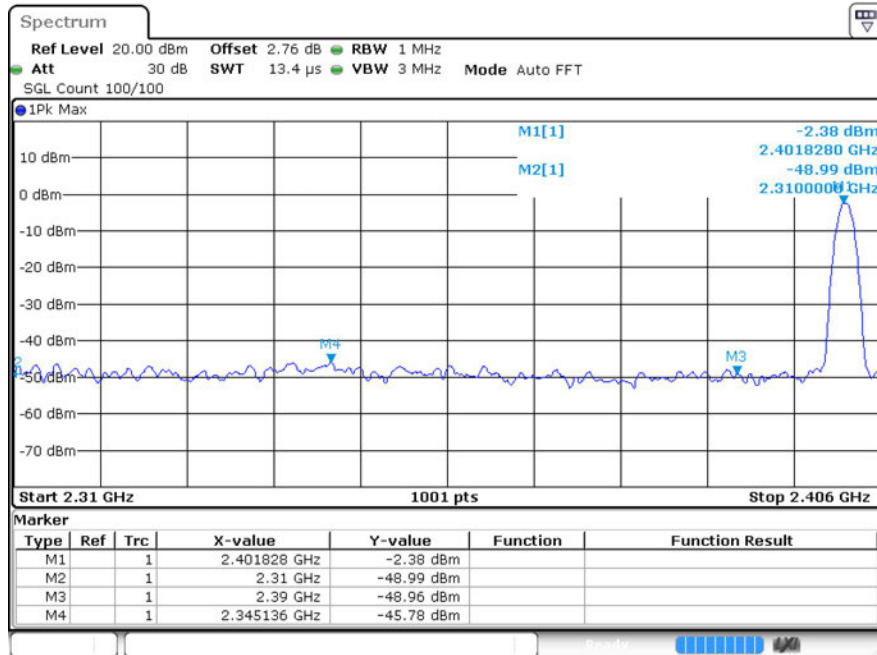
Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (High Channel)



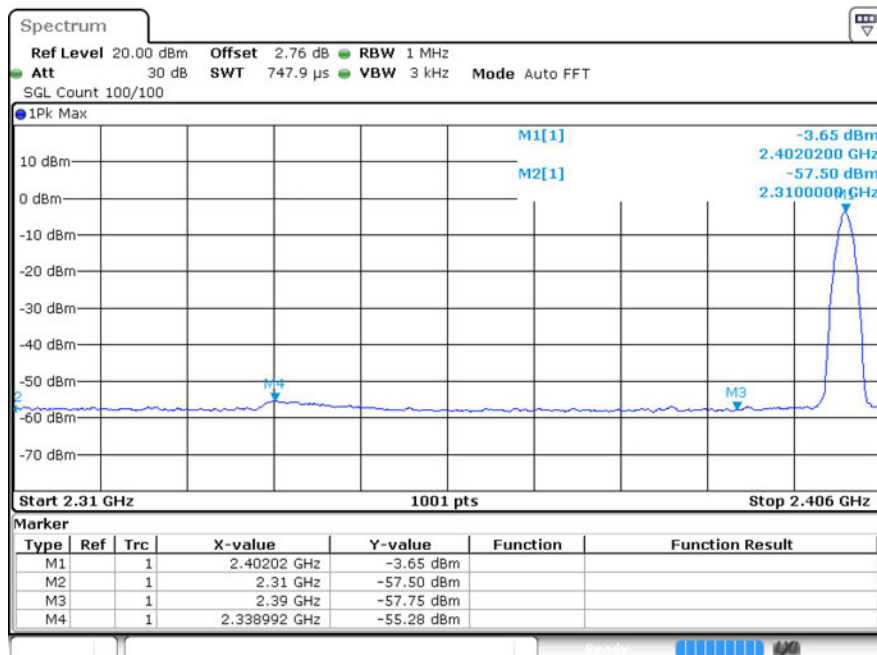
Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (High Channel)



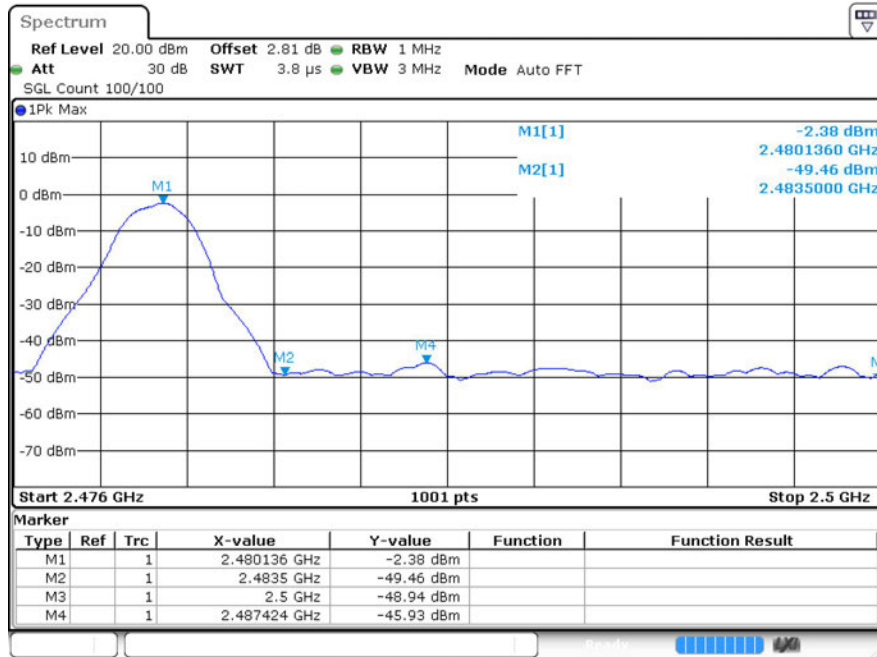
Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (Low Channel)



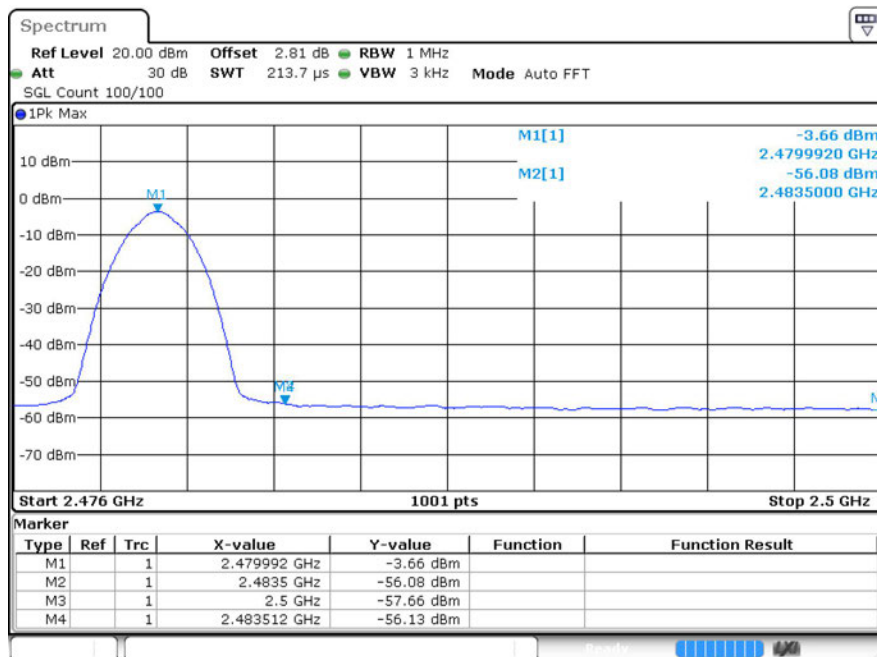
Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (Low Channel)



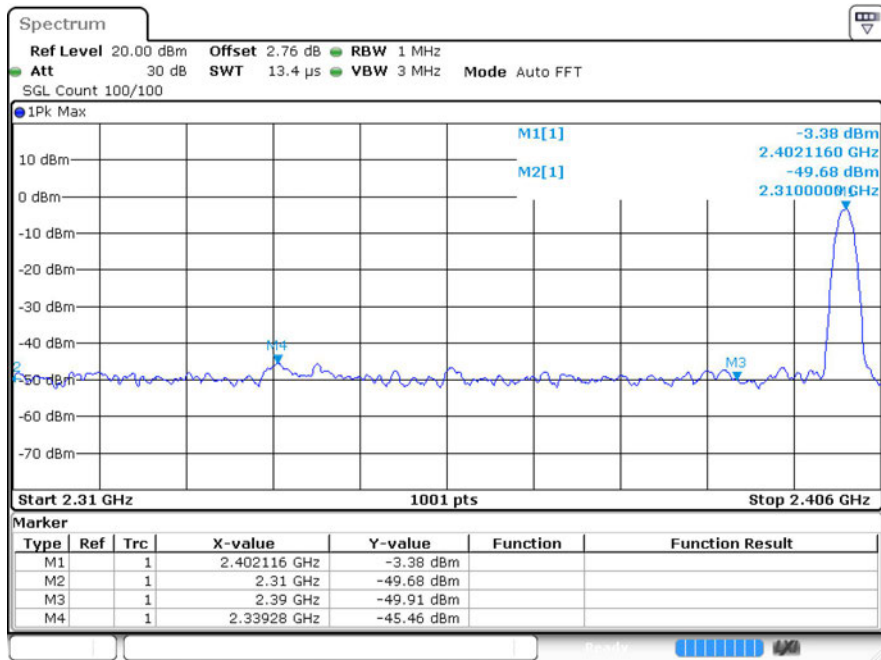
Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (High Channel)



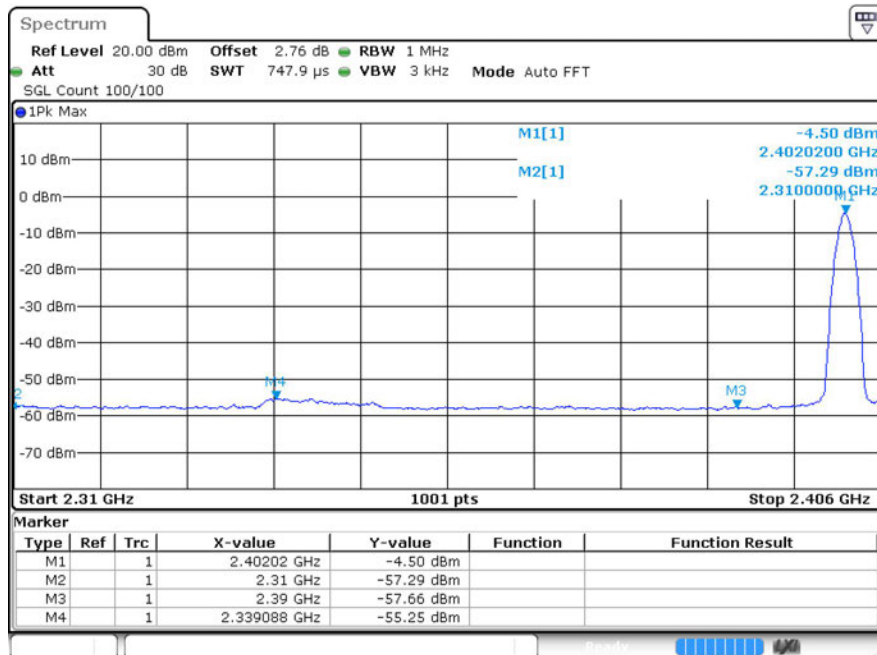
Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (High Channel)



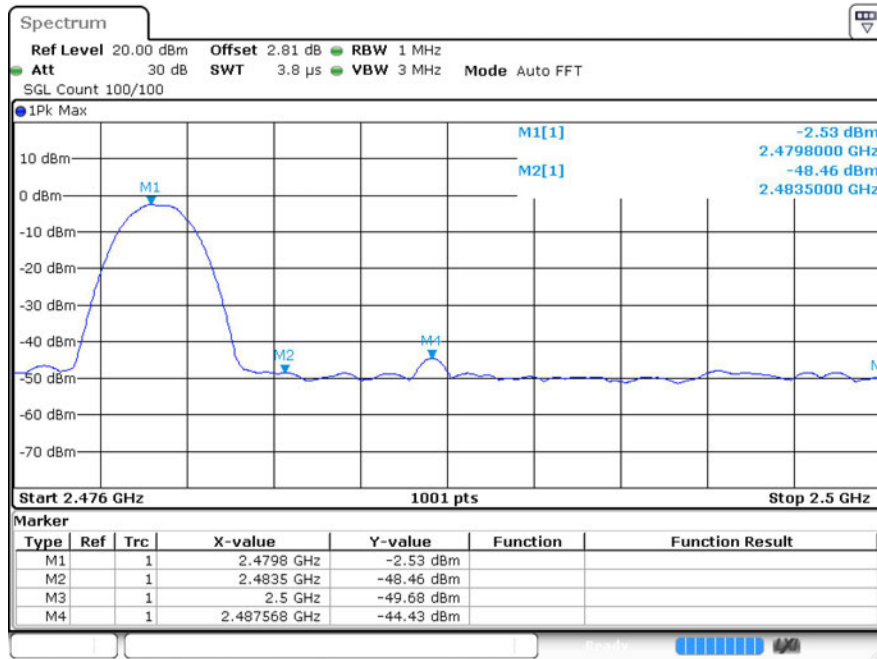
Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



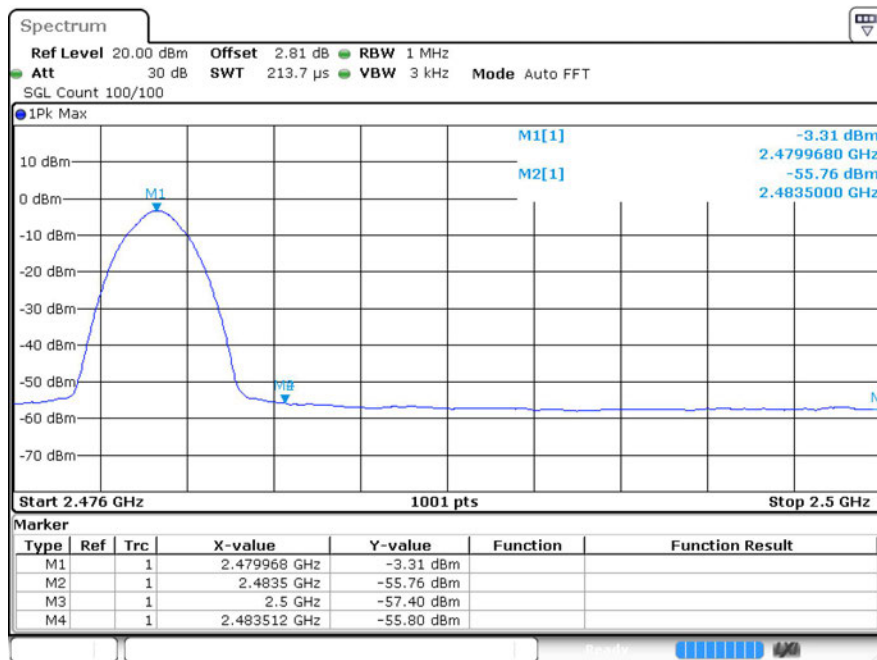
Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_Average (Low Channel)



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



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



---The End---