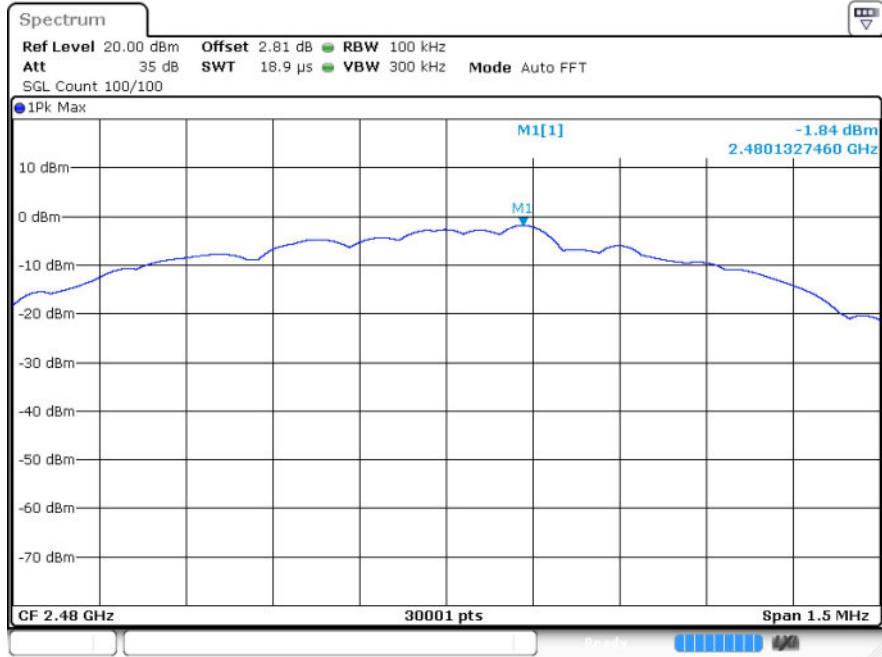
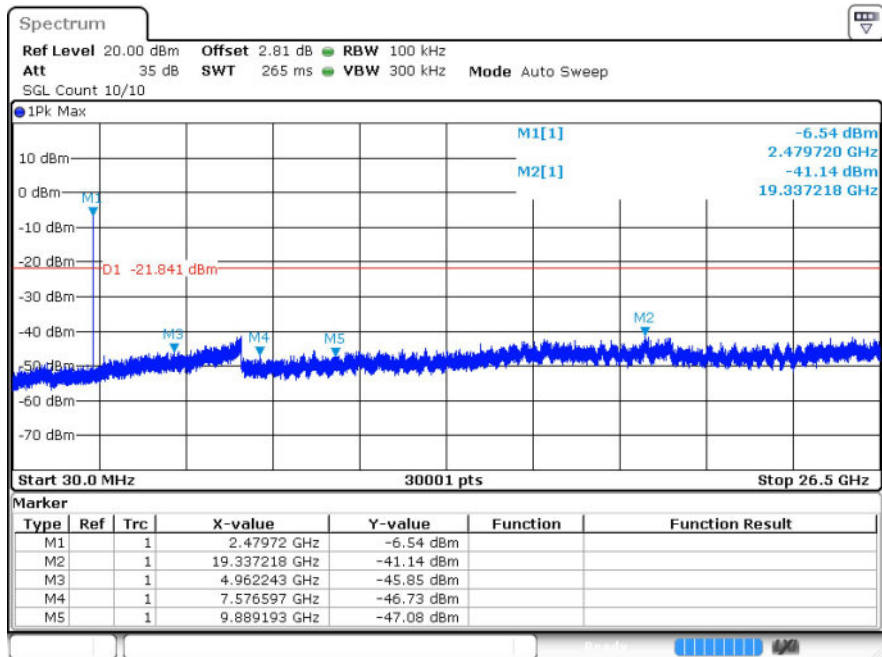


8DPSK\_HCH\_Graphs

Pref



Puw

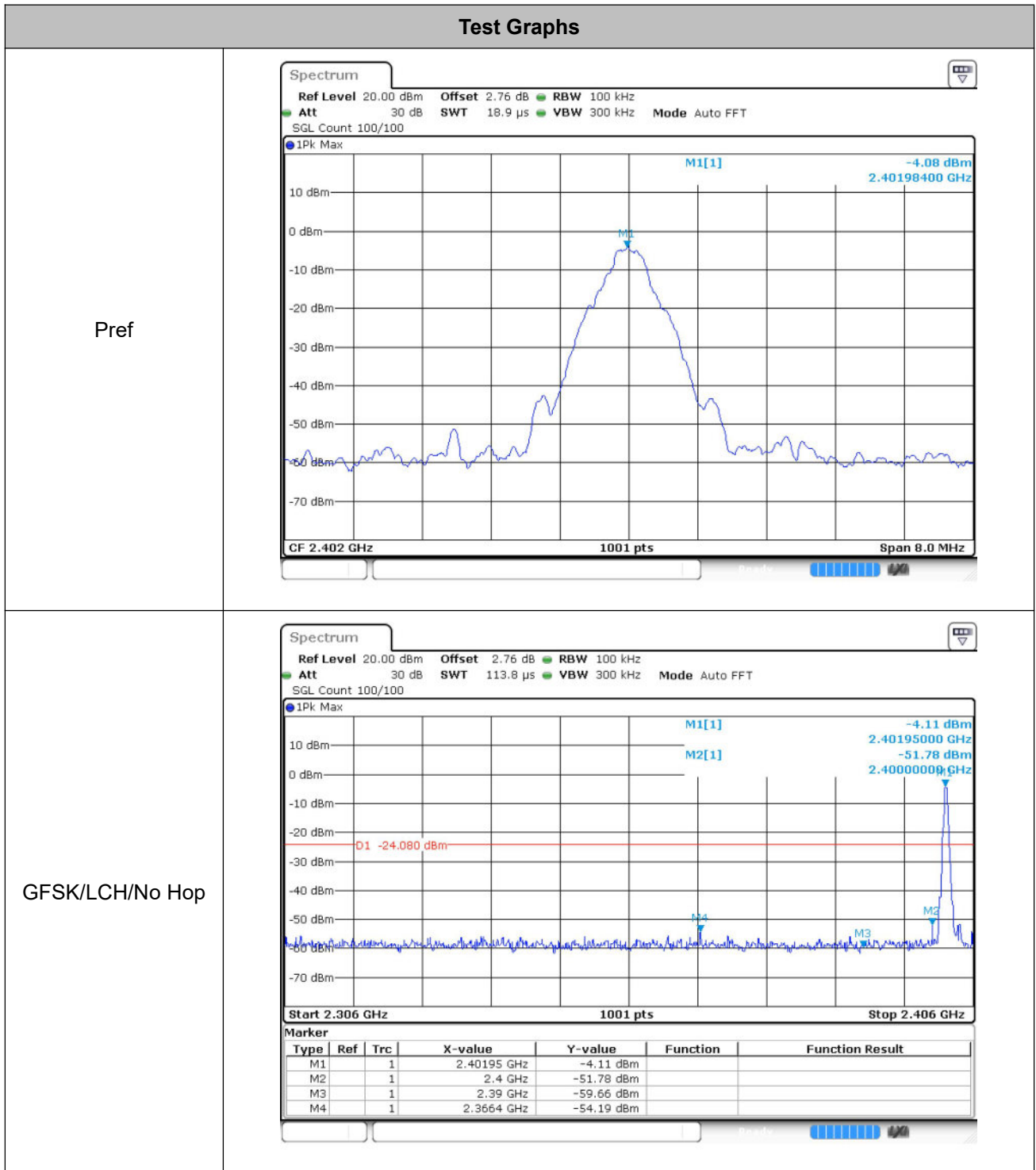


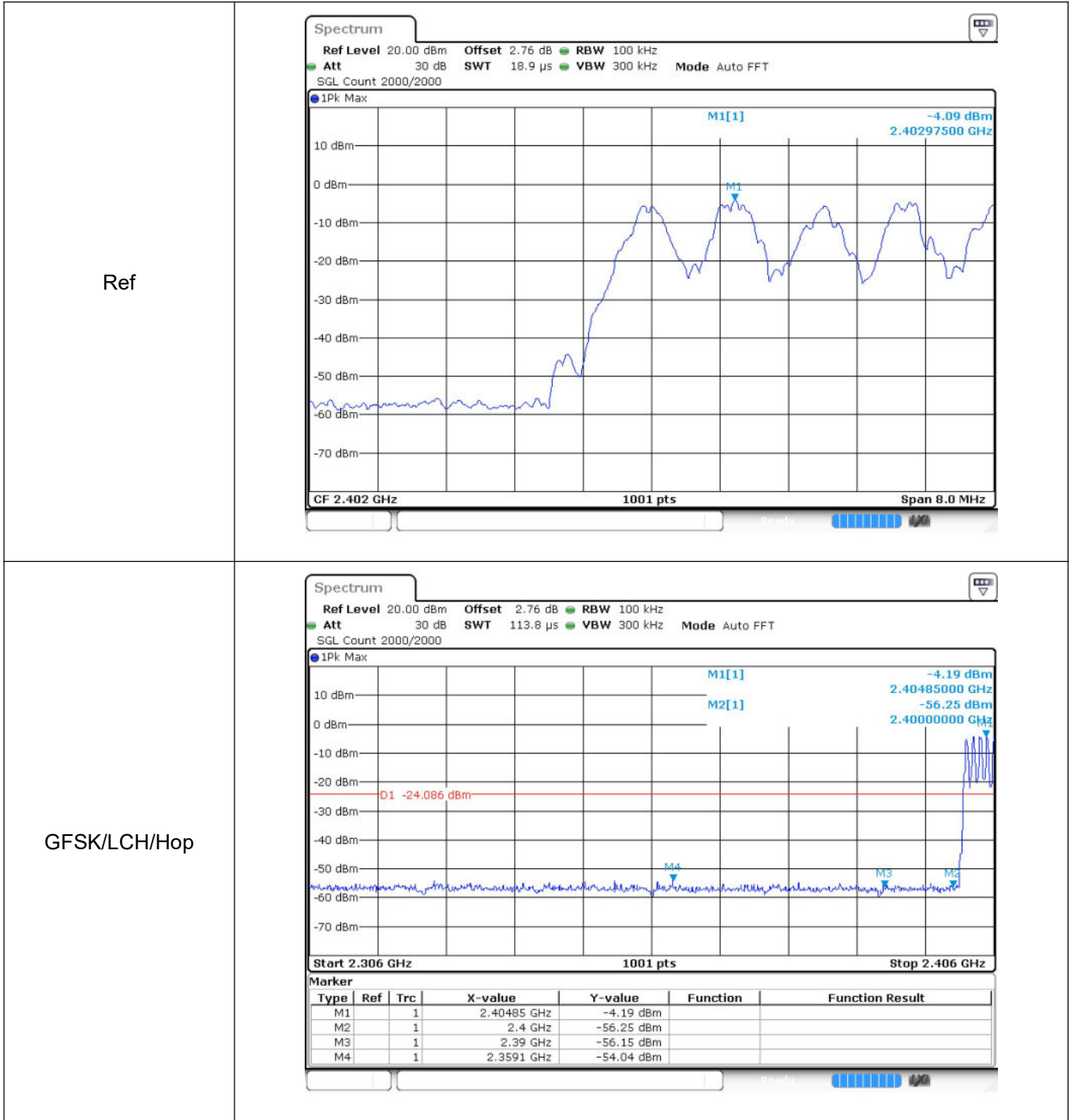
## 8 Band-edge for RF Conducted Emissions

### 8.1 Test Result

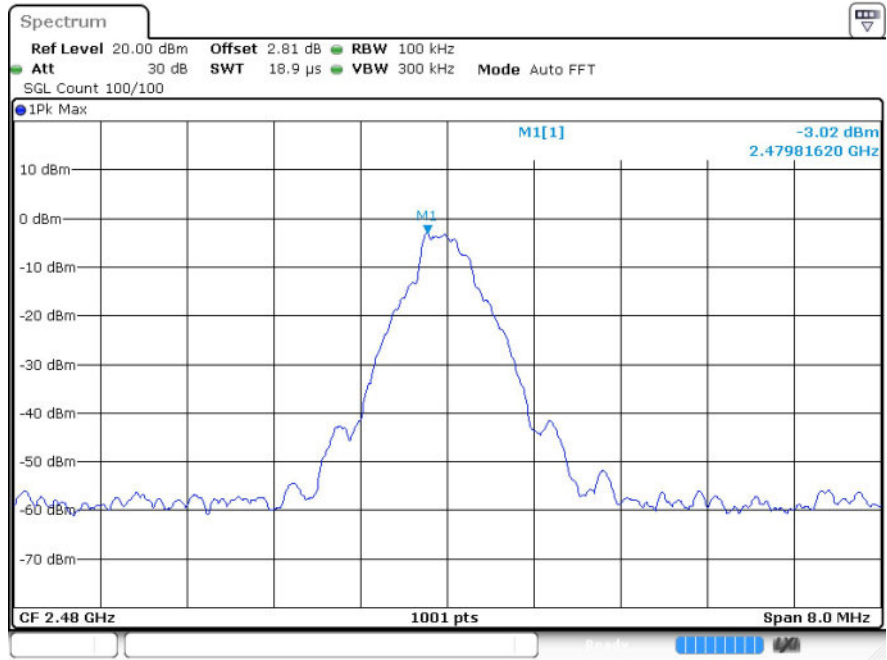
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-50.1	-20	Pass
			On	-49.95	-20	Pass
	HCH	2480	Off	-51.31	-20	Pass
			On	-53.04	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-51.01	-20	Pass
			On	-49.74	-20	Pass
	HCH	2480	Off	-45.2	-20	Pass
			On	-44.61	-20	Pass
8DPSK	LCH	2402	Off	-51.94	-20	Pass
			On	-50.53	-20	Pass
	HCH	2480	Off	-51.43	-20	Pass
			On	-50.17	-20	Pass

## 8.2 Test Graphs

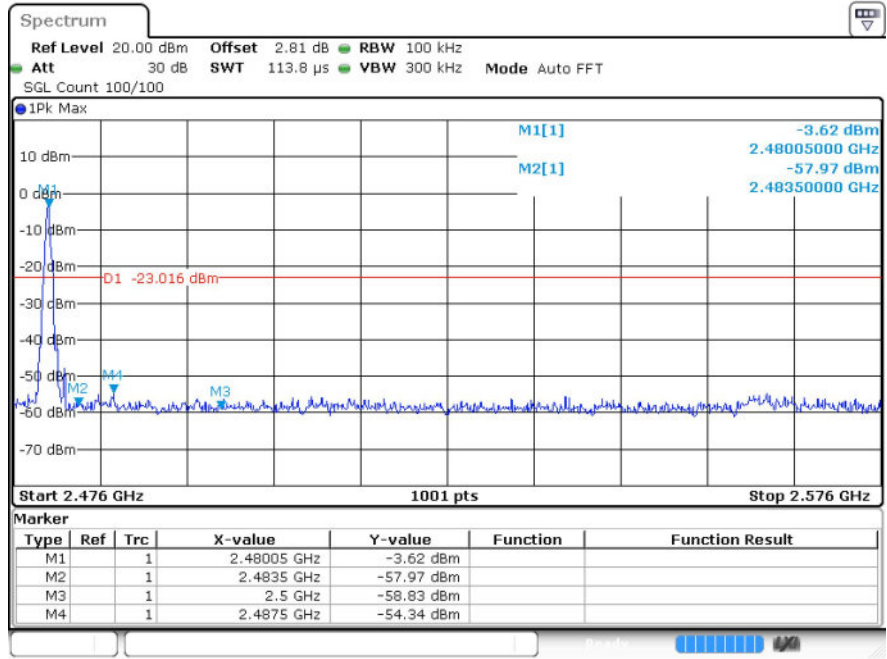




Ref



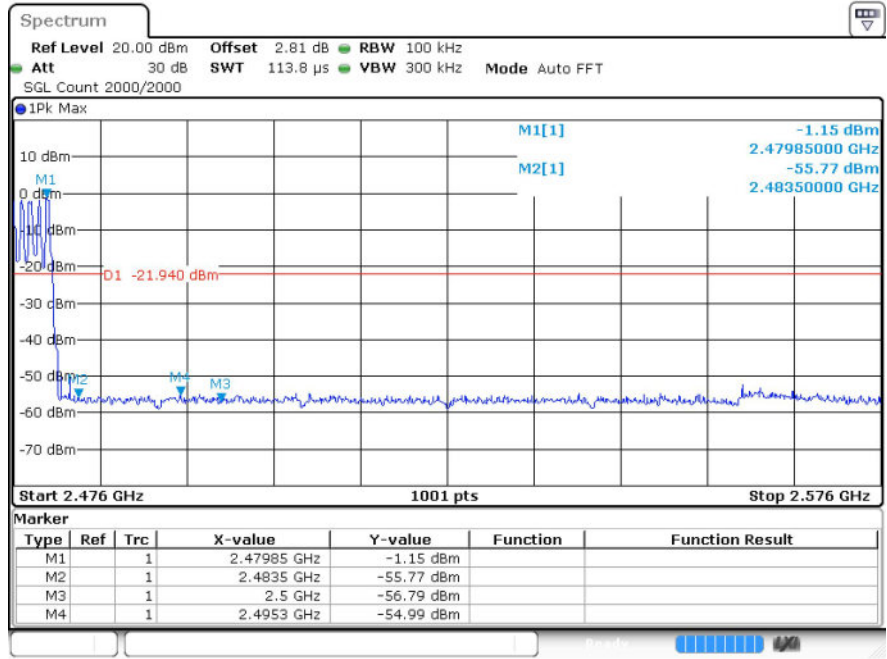
GFSK/HCH/No Hop

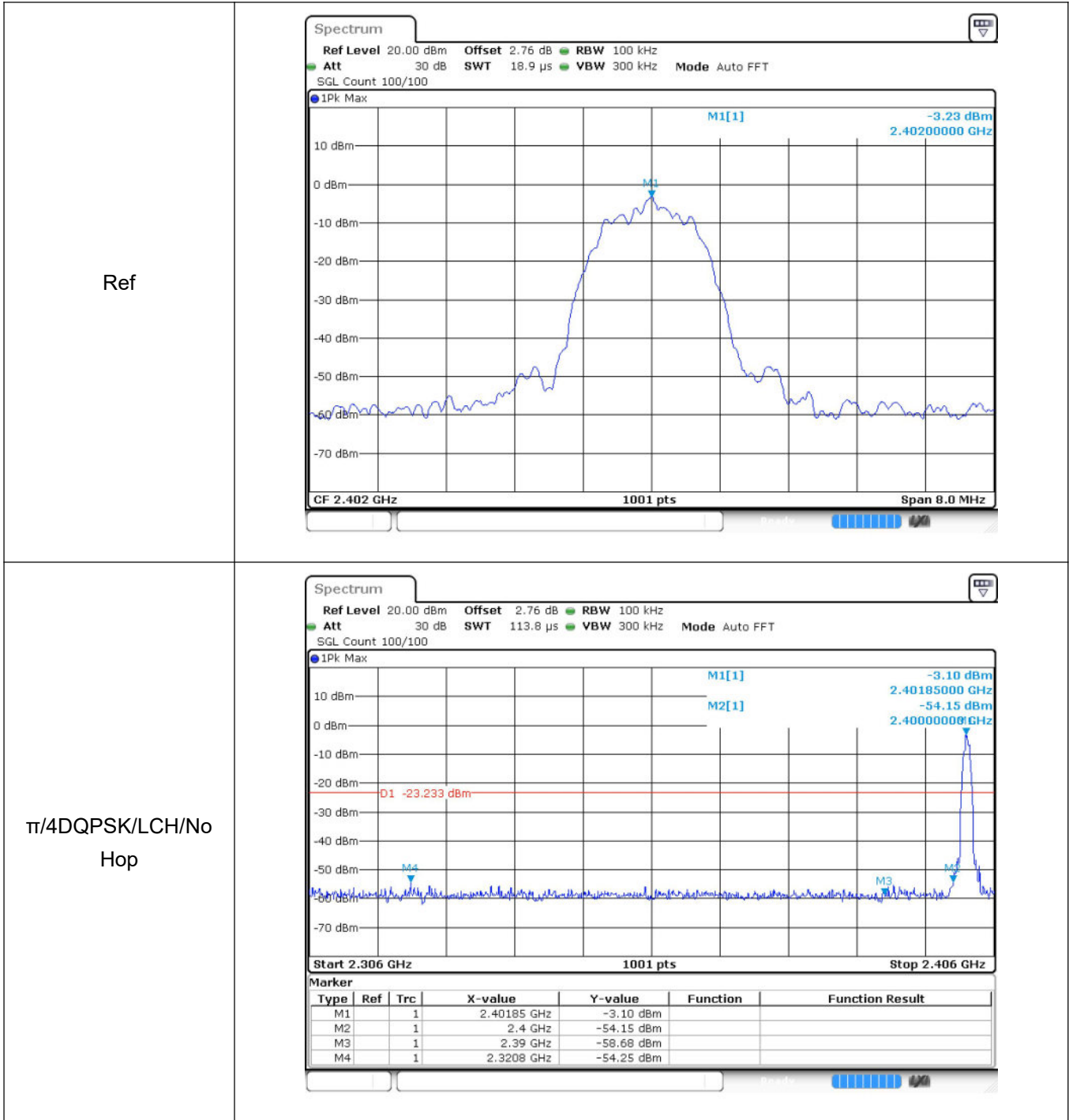


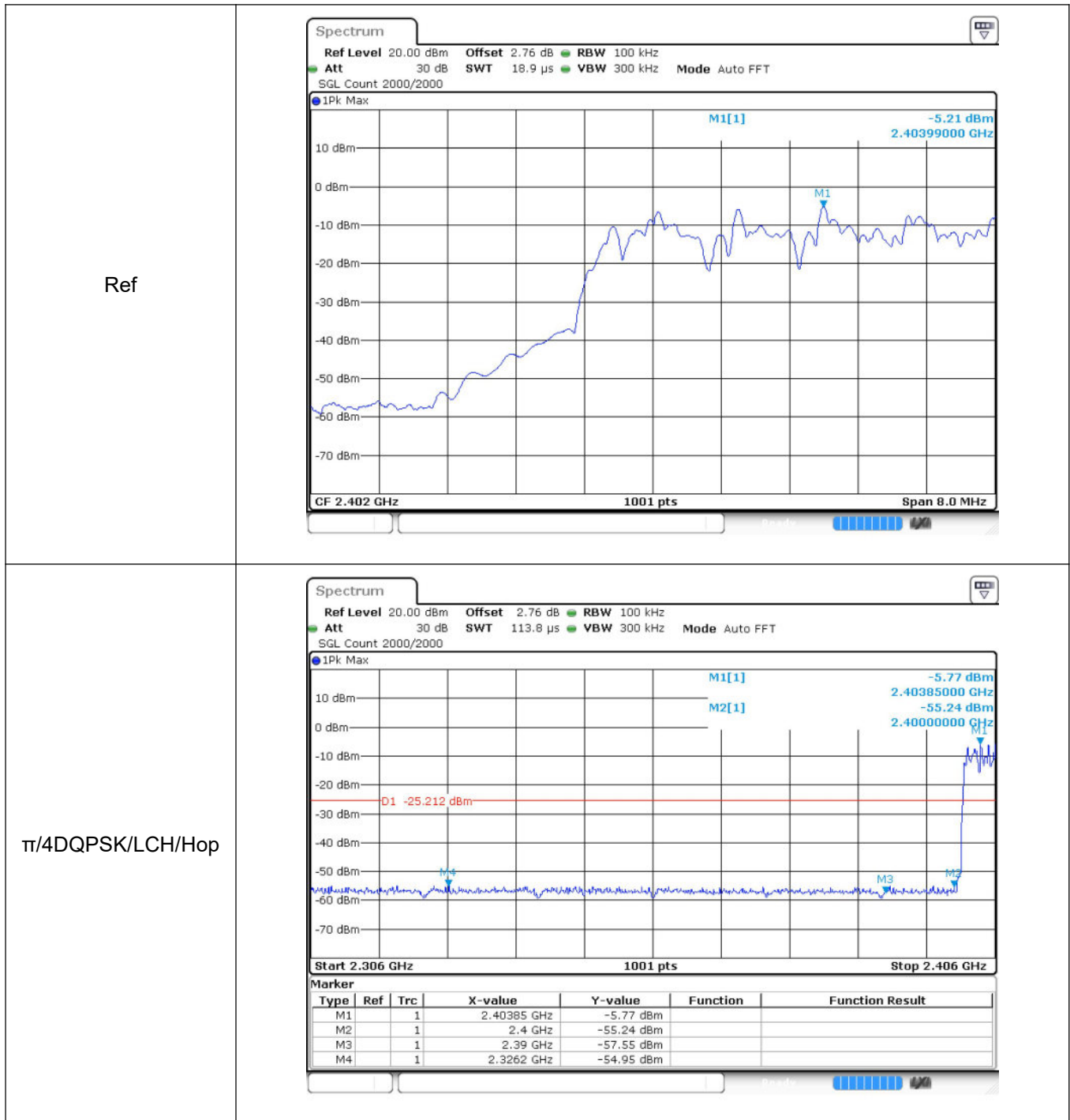
Ref.



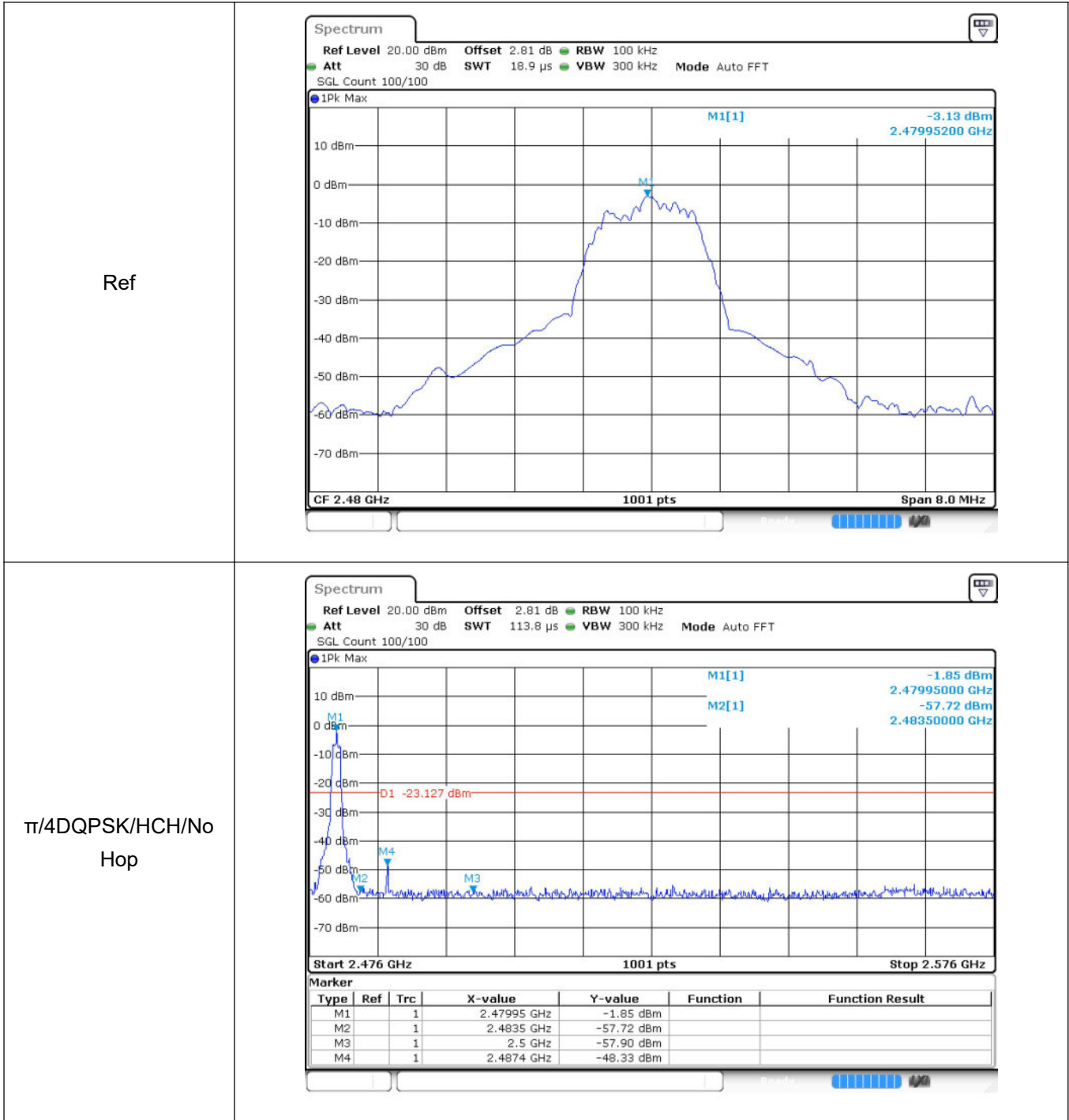
GFSK/HCH/Hop

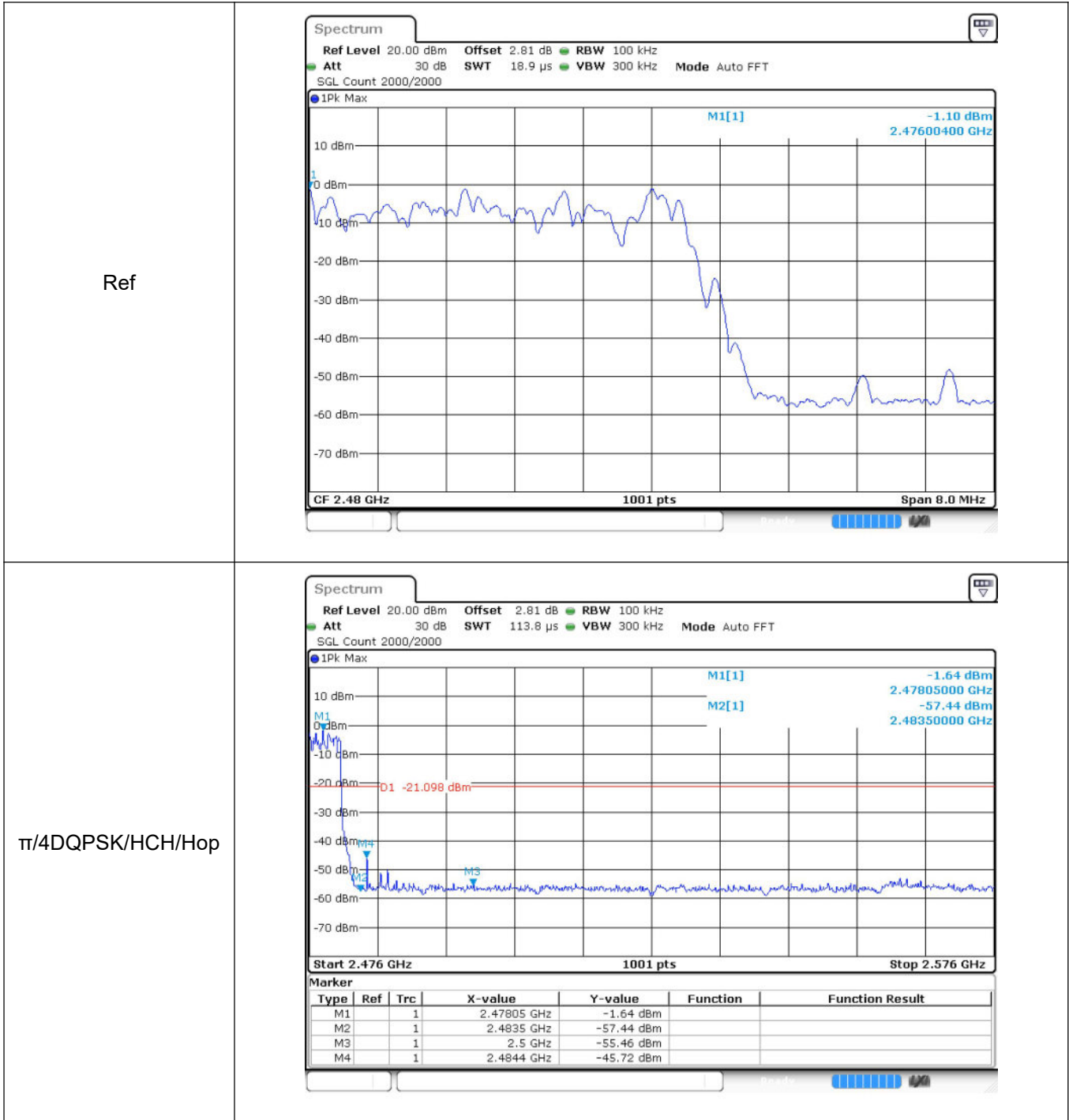


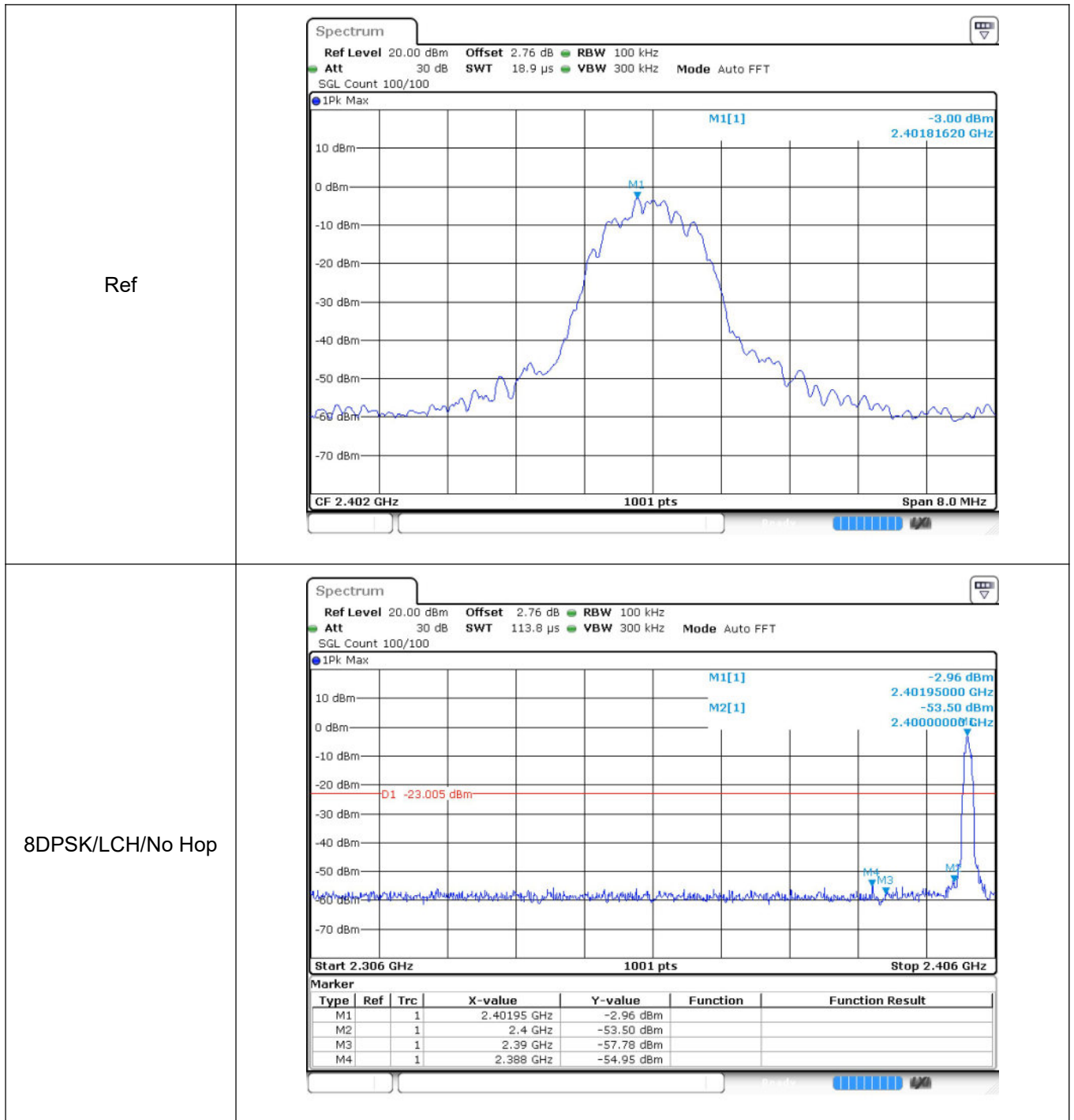




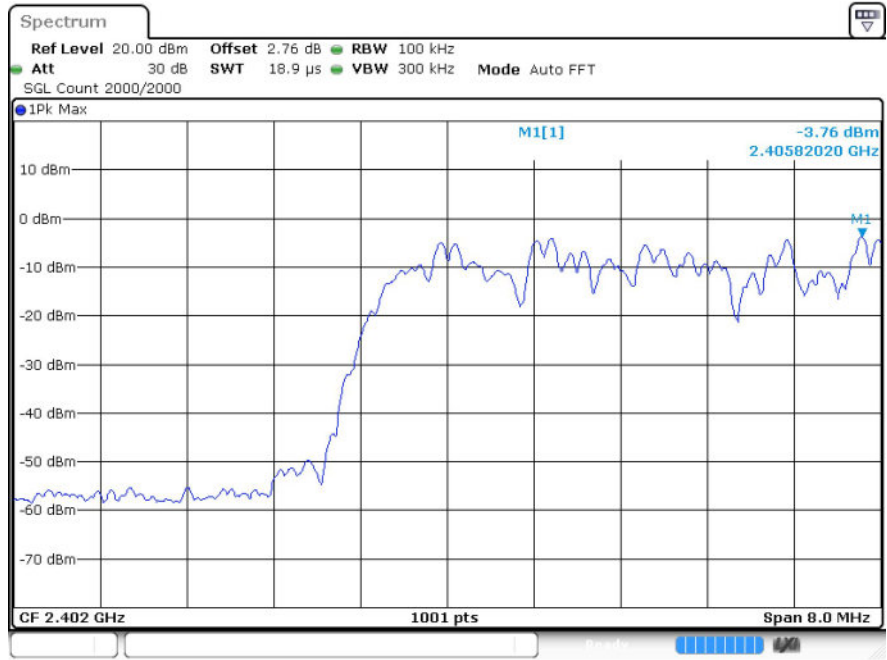




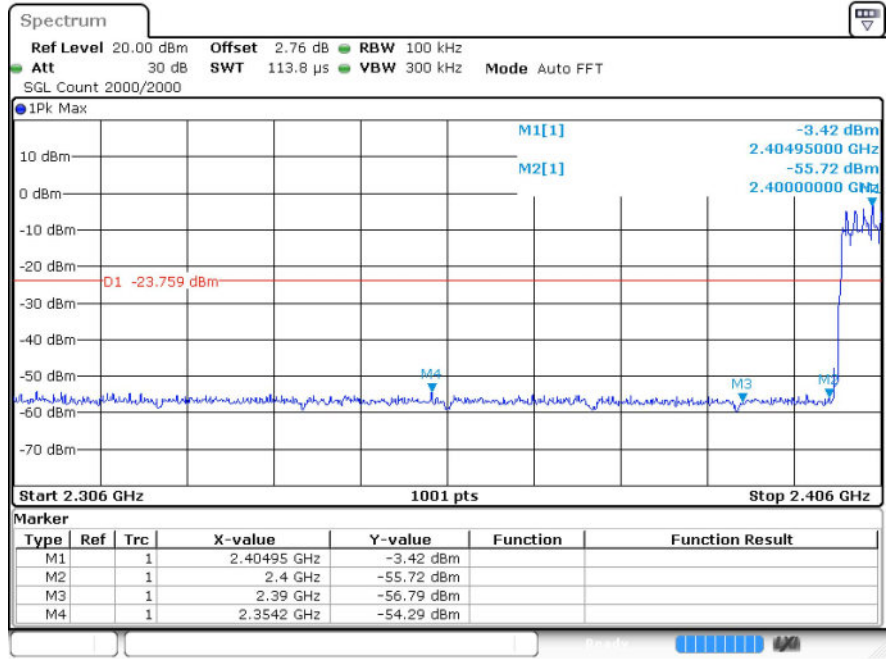




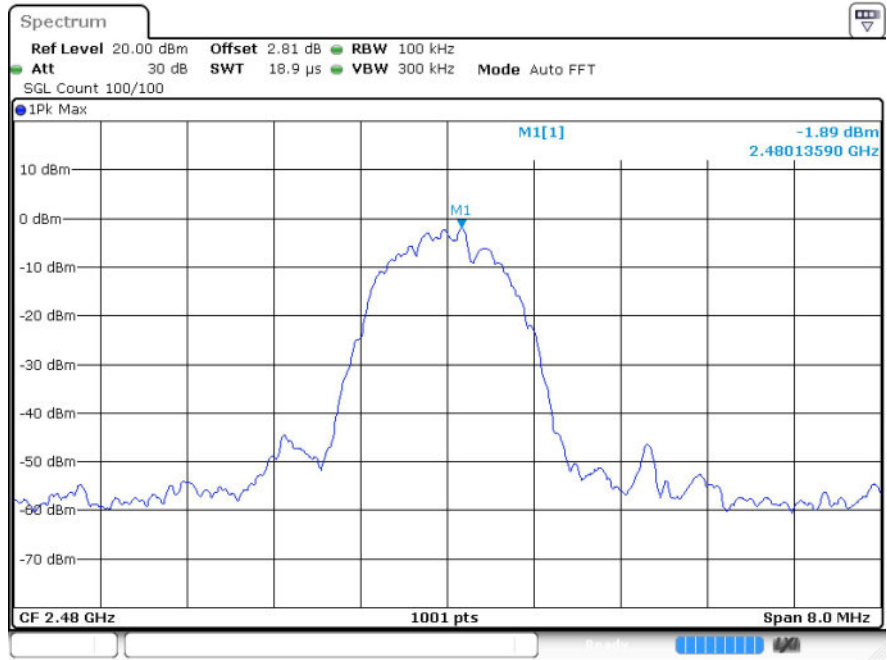
Ref



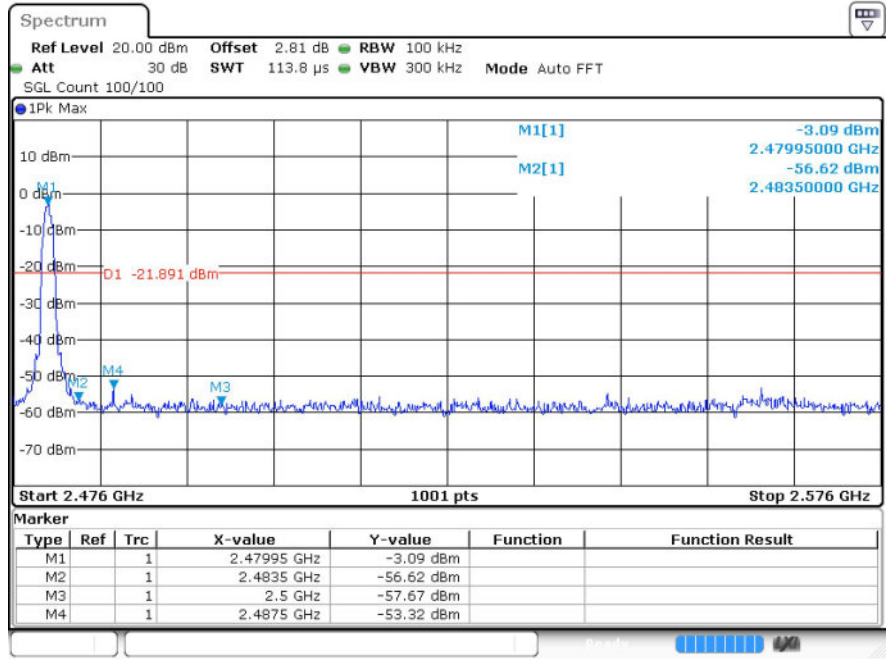
8DPSK/LCH/Hop

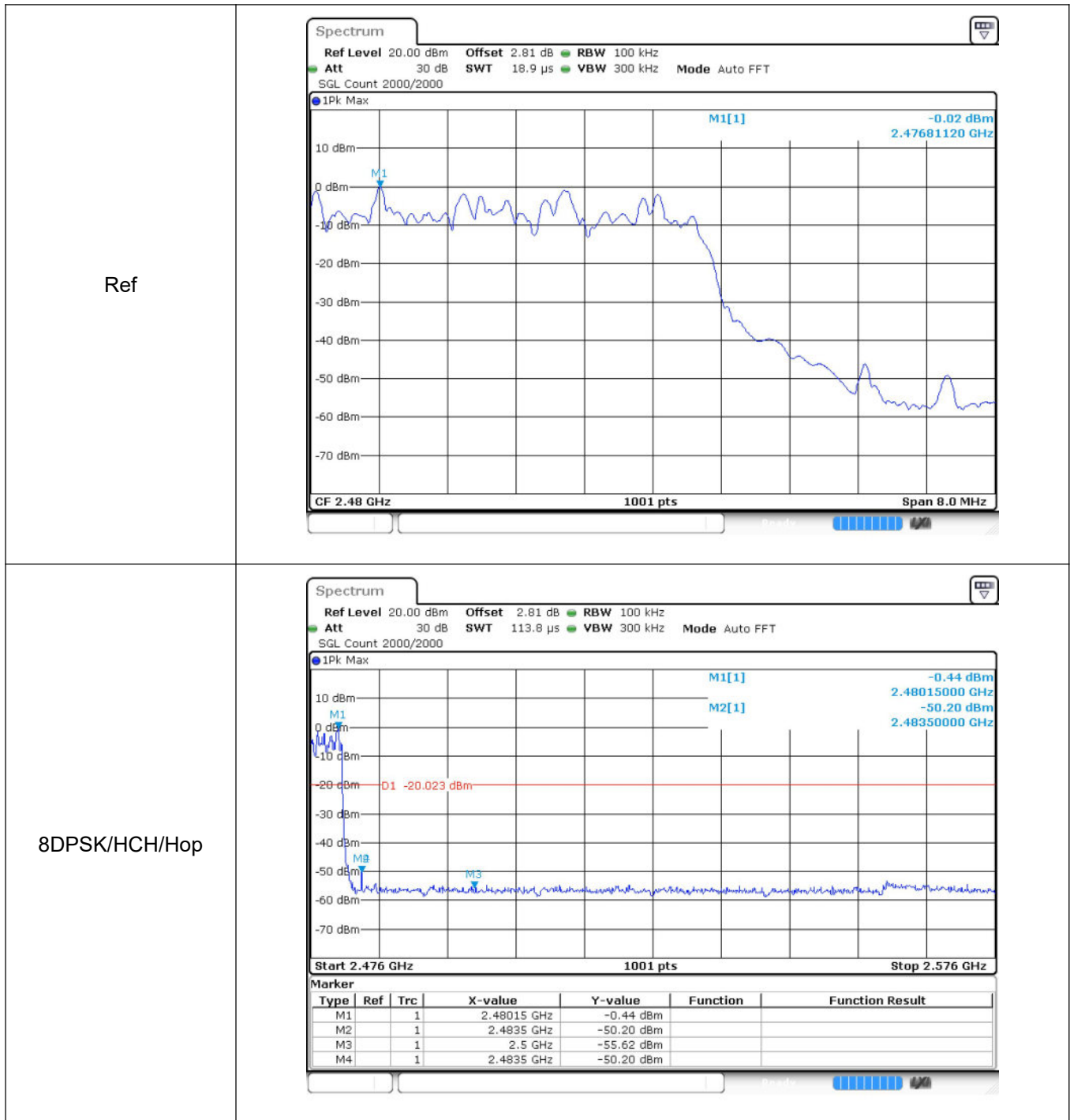


Ref



8DPSK/HCH/No Hop





## 9 Restrict-band band-edge measurements

### 9.1 Test Result

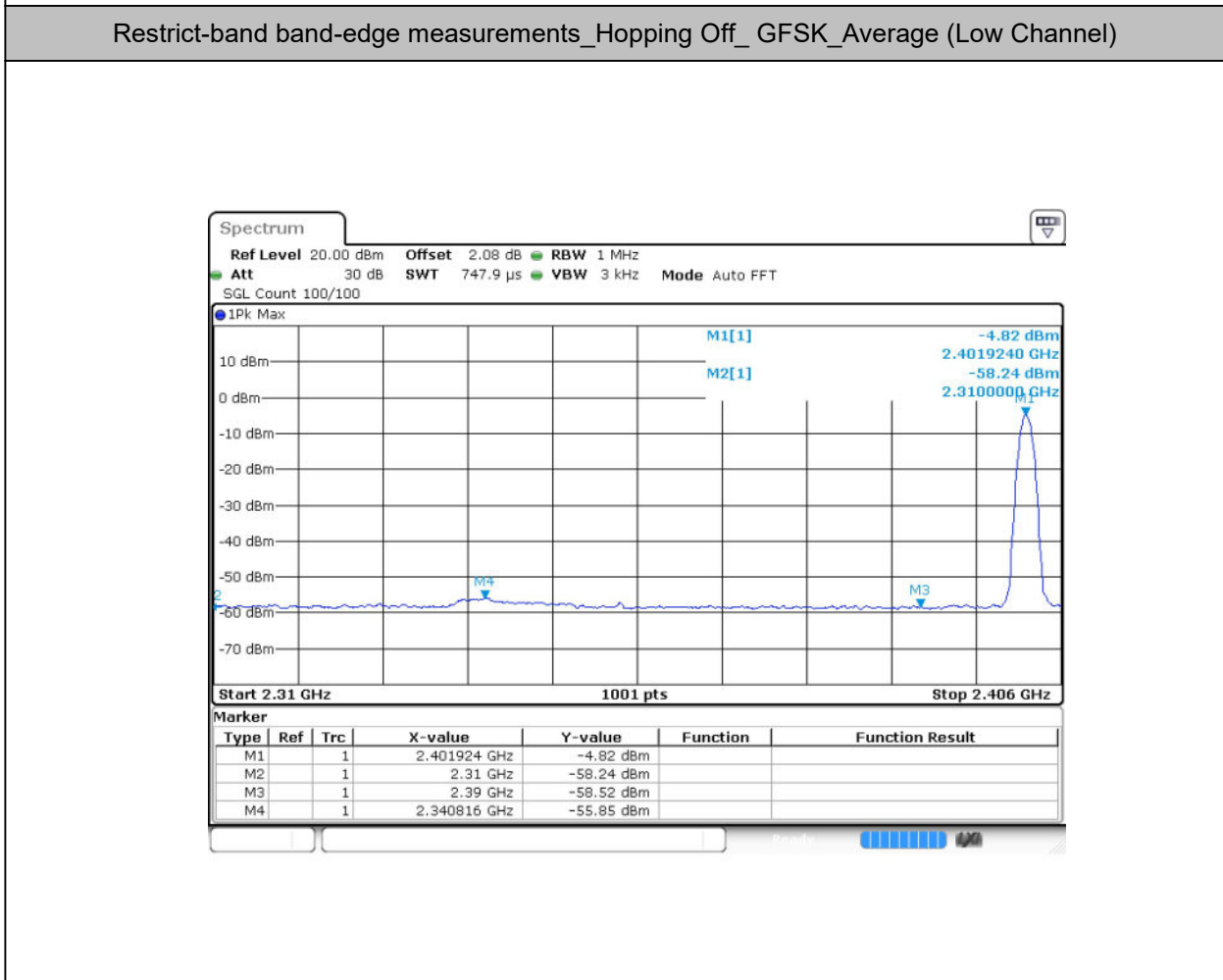
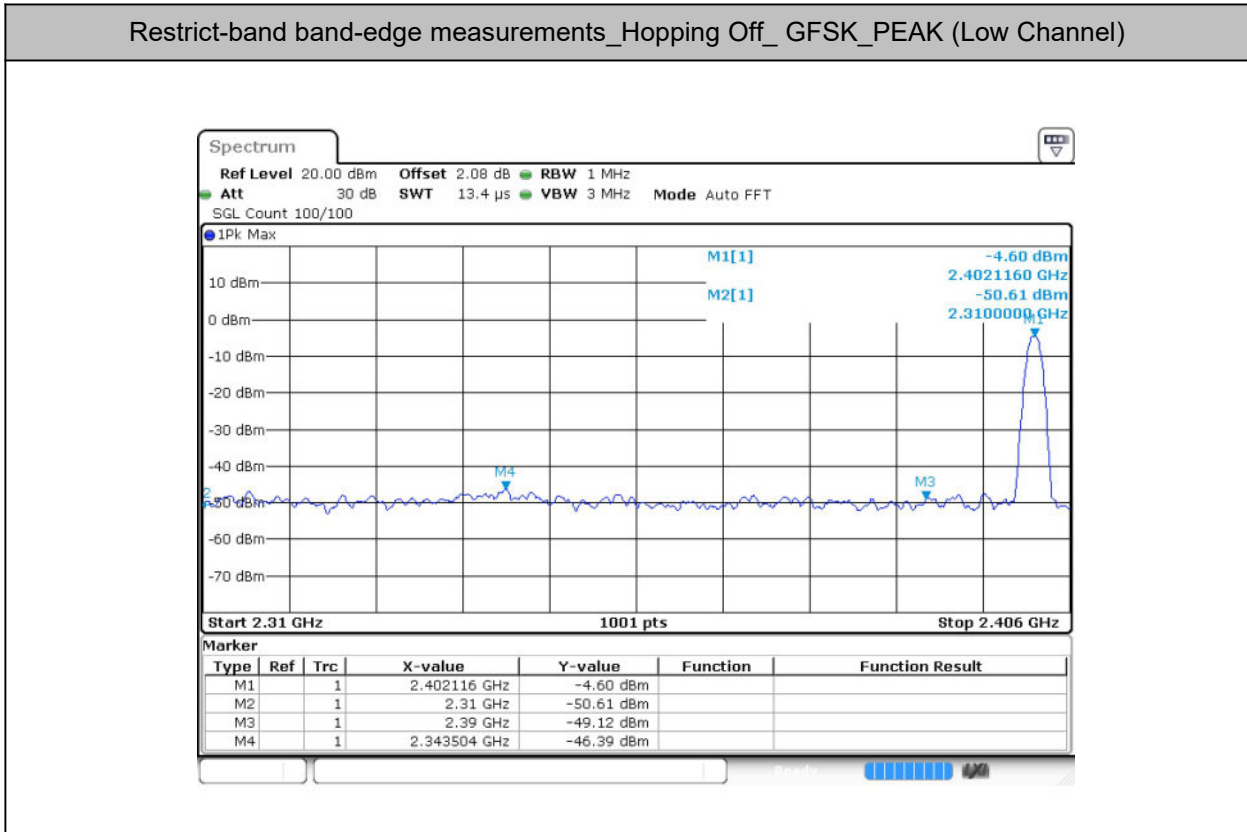
Test Mode	Hopping	Freq.	Power [dBm]	Gain	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-50.6	2	46.63	PEAK	74	Pass
	Off	2310.0	-58.24	2	38.99	AV	54	Pass
	Off	2343.504	-46.38	2	50.85	PEAK	74	Pass
	Off	2340.816	-55.84	2	41.39	AV	54	Pass
	Off	2390.0	-49.12	2	48.11	PEAK	74	Pass
	Off	2390.0	-58.51	2	38.72	AV	54	Pass
	Off	2483.5	-48.94	2	48.29	PEAK	74	Pass
	Off	2483.5	-57.37	2	39.86	AV	54	Pass
	Off	2487.448	-45.74	2	51.49	PEAK	74	Pass
	Off	2487.592	-57.17	2	40.06	AV	54	Pass
	Off	2500.0	-50.91	2	46.32	PEAK	74	Pass
	Off	2500.0	-57.69	2	39.54	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-50.09	2	47.14	PEAK	74	Pass
	Off	2310.0	-58.18	2	39.05	AV	54	Pass
	Off	2353.872	-45.61	2	51.62	PEAK	74	Pass
	Off	2339.376	-56.05	2	41.18	AV	54	Pass
	Off	2390.0	-49.04	2	48.19	PEAK	74	Pass
	Off	2390.0	-58.08	2	39.15	AV	54	Pass
	Off	2483.5	-49.55	2	47.68	PEAK	74	Pass
	Off	2483.5	-56.61	2	40.62	AV	54	Pass
	Off	2487.424	-45.16	2	52.07	PEAK	74	Pass
	Off	2484.424	-56.21	2	41.02	AV	54	Pass
	Off	2500.0	-50.03	2	47.2	PEAK	74	Pass
	Off	2500.0	-57.89	2	39.34	AV	54	Pass
8DPSK	Off	2310.0	-47.08	2	50.15	PEAK	74	Pass
	Off	2310.0	-57.9	2	39.33	AV	54	Pass
	Off	2339.856	-46.32	2	50.91	PEAK	74	Pass
	Off	2340.048	-56.08	2	41.15	AV	54	Pass
	Off	2390.0	-50.2	2	47.03	PEAK	74	Pass



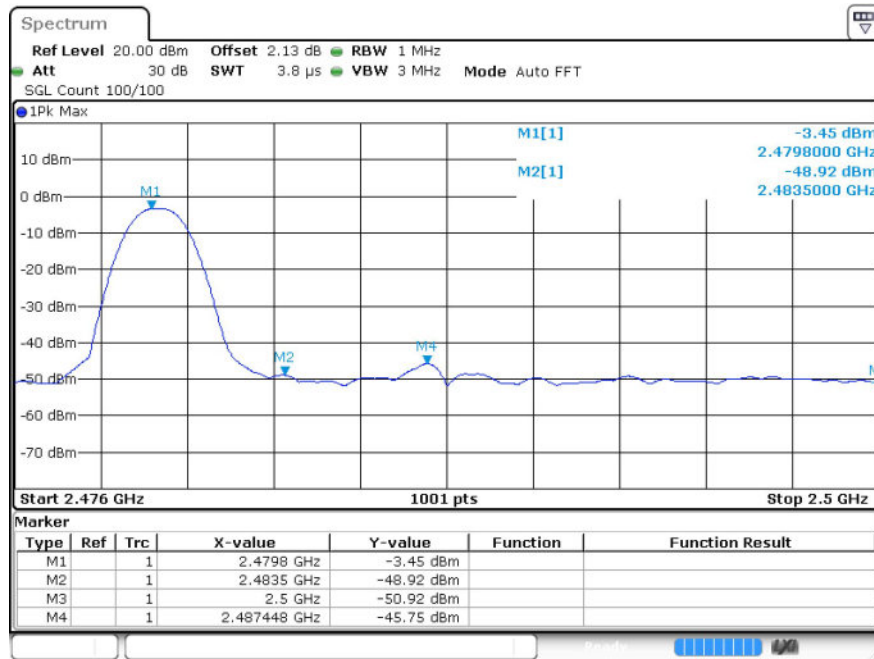
Off	2390.0	-58.34	2	38.89	AV	54	Pass
Off	2483.5	-47.1	2	50.13	PEAK	74	Pass
Off	2483.5	-56.31	2	40.92	AV	54	Pass
Off	2487.352	-46.31	2	50.92	PEAK	74	Pass
Off	2484.232	-56.12	2	41.11	AV	54	Pass
Off	2500.0	-48.16	2	49.07	PEAK	74	Pass
Off	2500.0	-58.19	2	39.04	AV	54	Pass



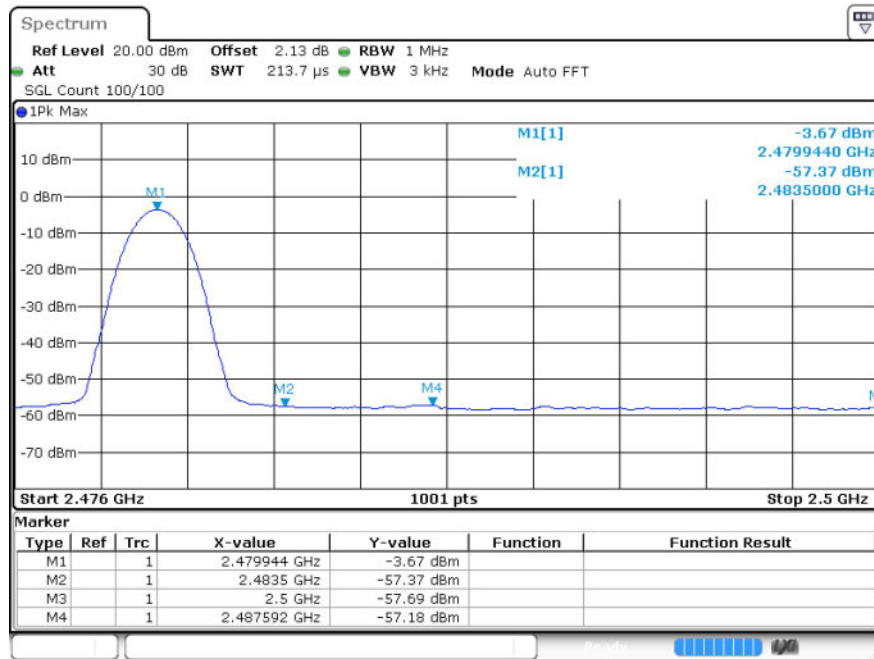
## 9.2 Test Graphs



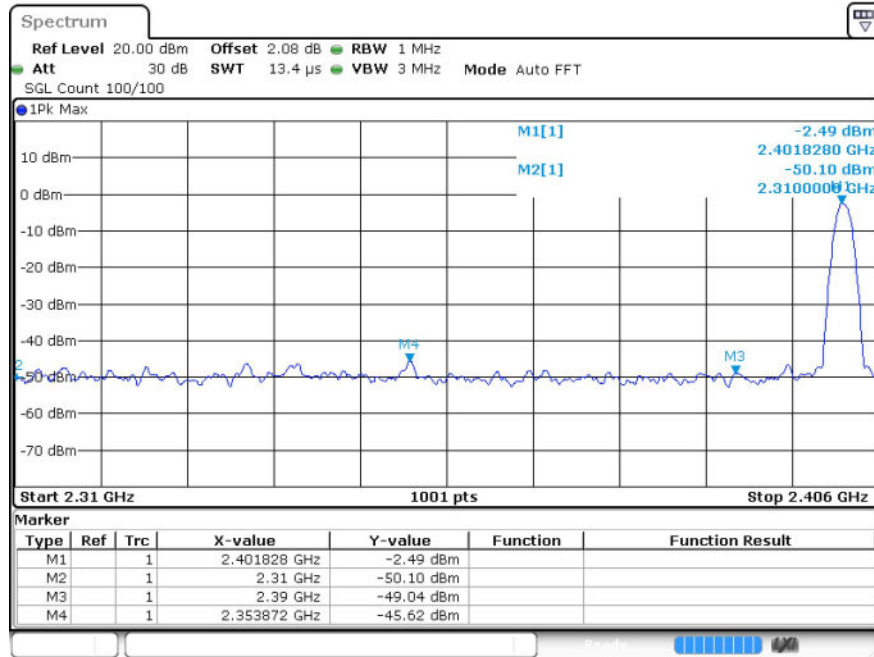
Restrict-band band-edge measurements\_Hopping Off\_GFSK\_PEAK (High Channel)



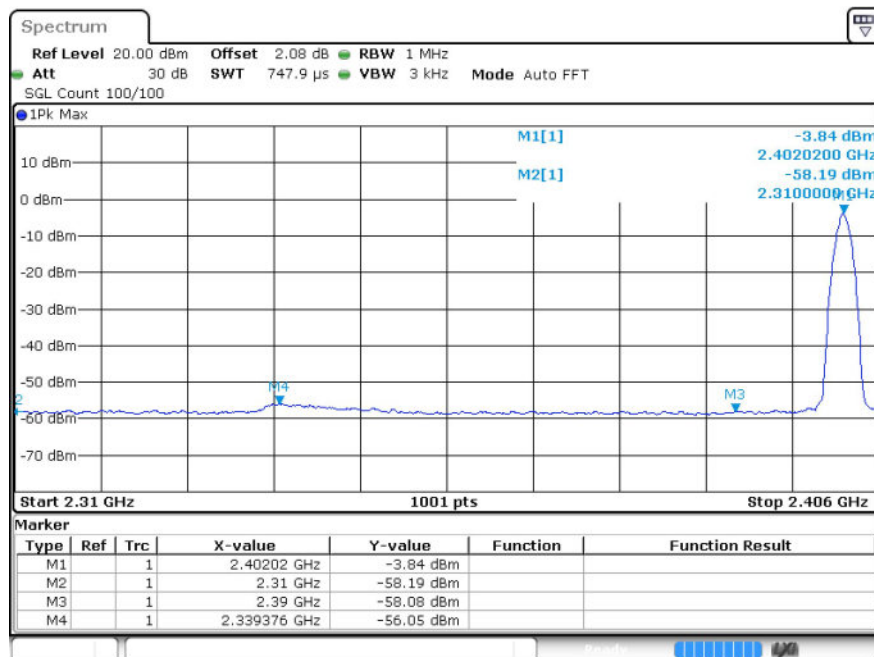
Restrict-band band-edge measurements\_Hopping Off\_GFSK\_Average (High Channel)



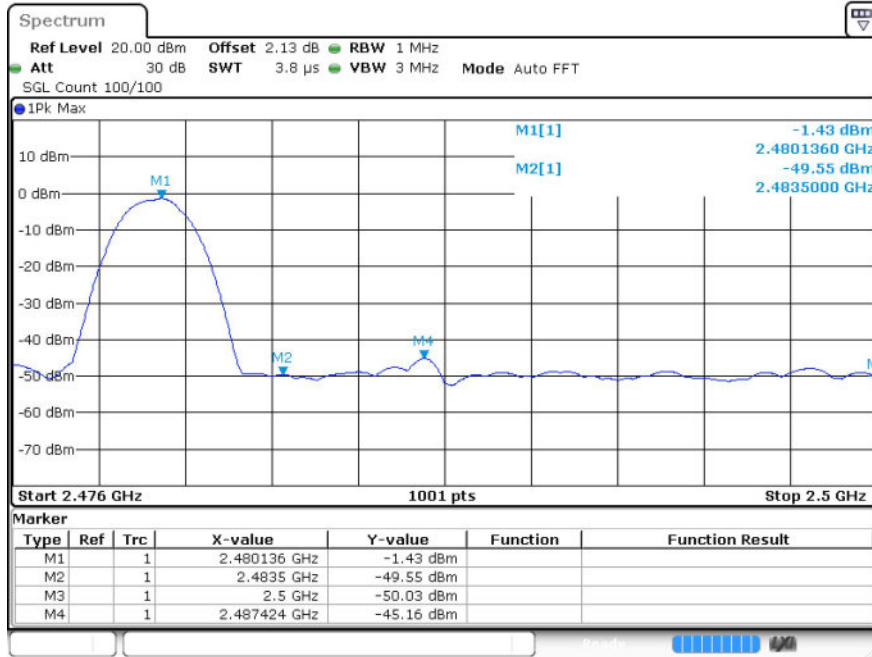
Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (Low Channel)



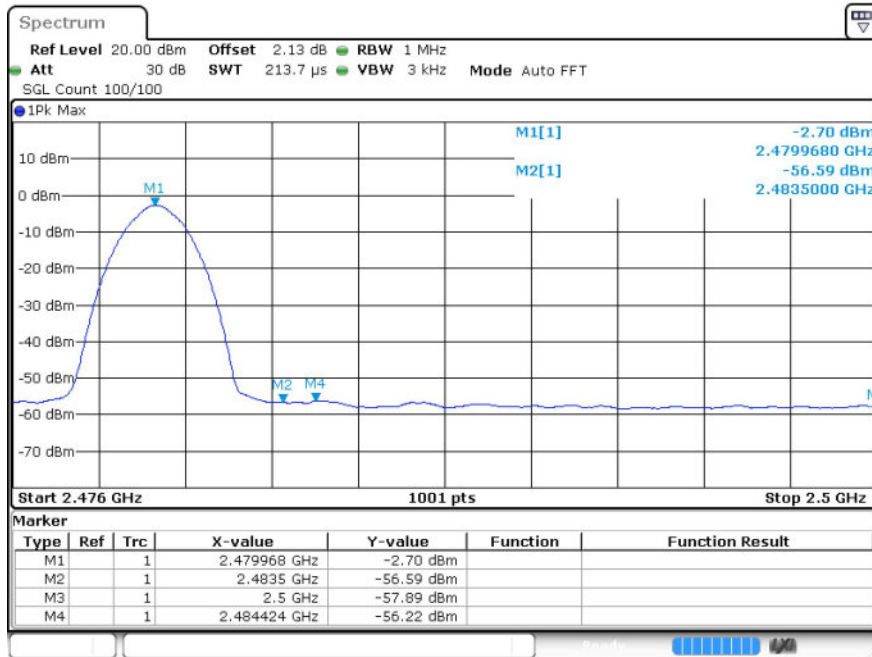
Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (Low Channel)



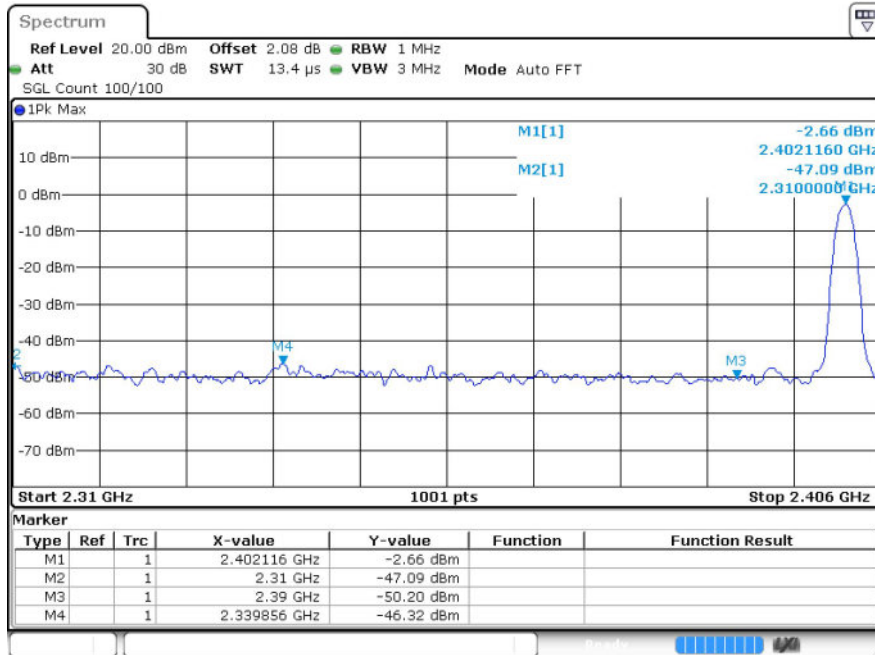
Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (High Channel)



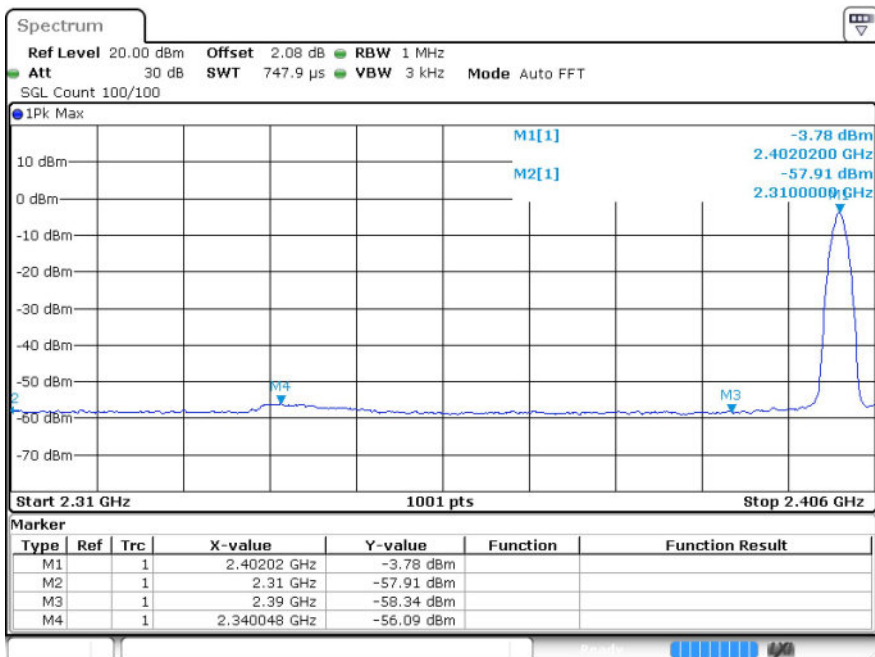
Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (High Channel)



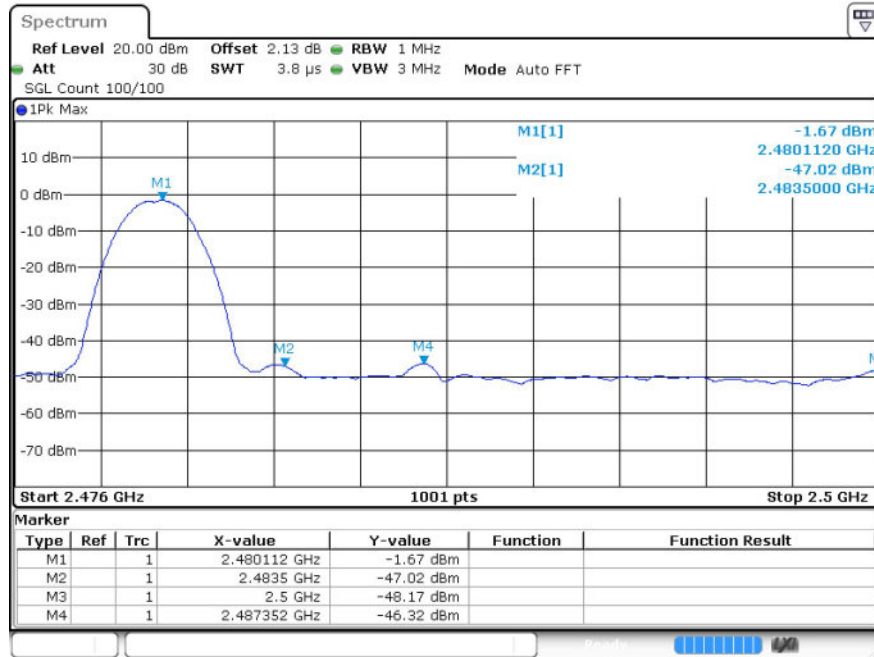
Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



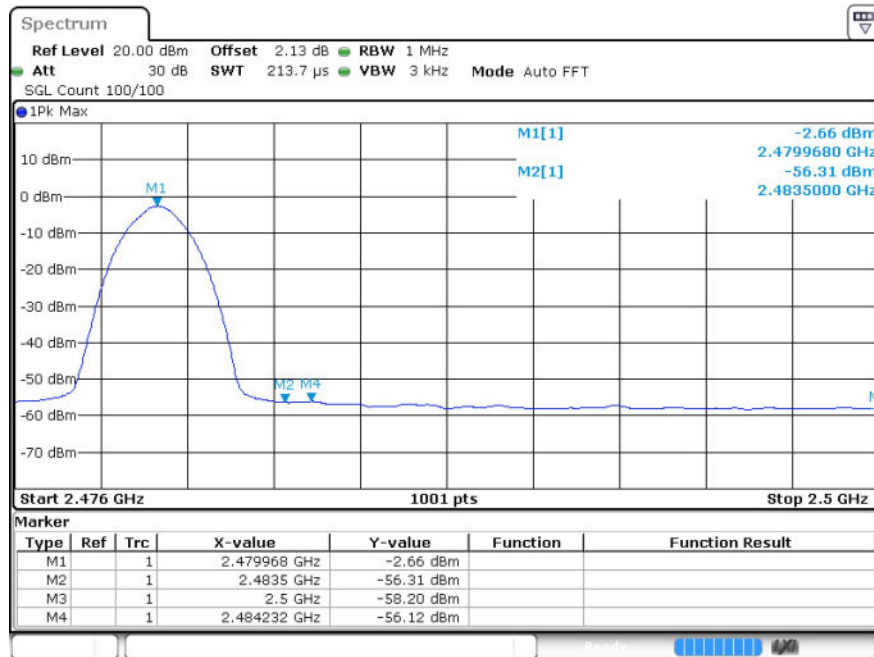
Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_Average (Low Channel)



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



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



---The End---