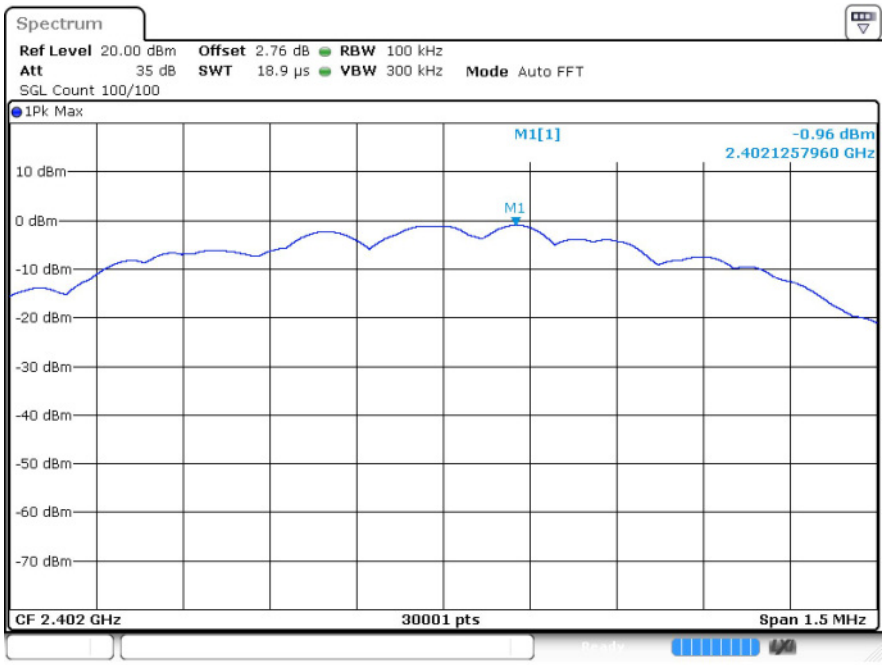
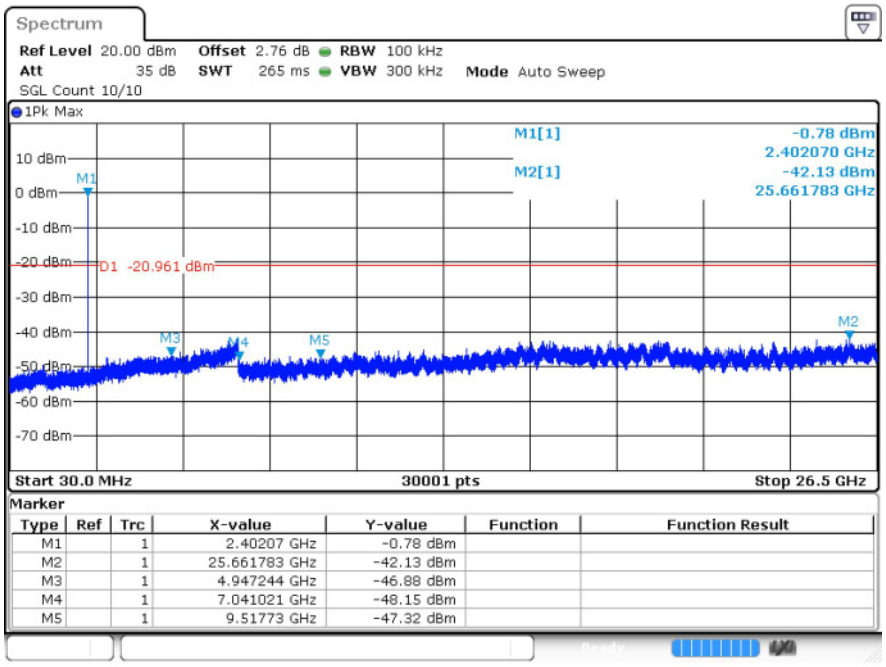
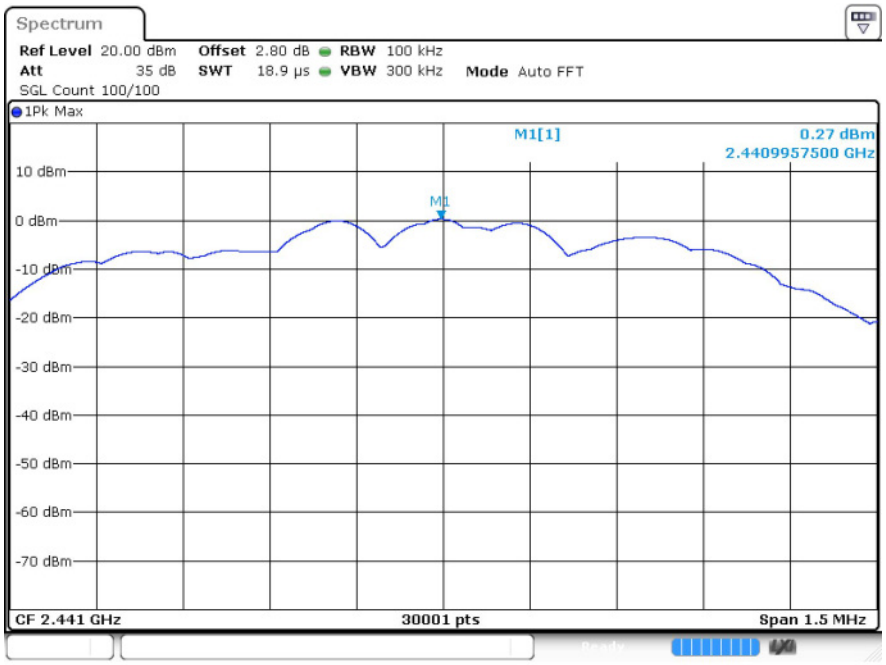
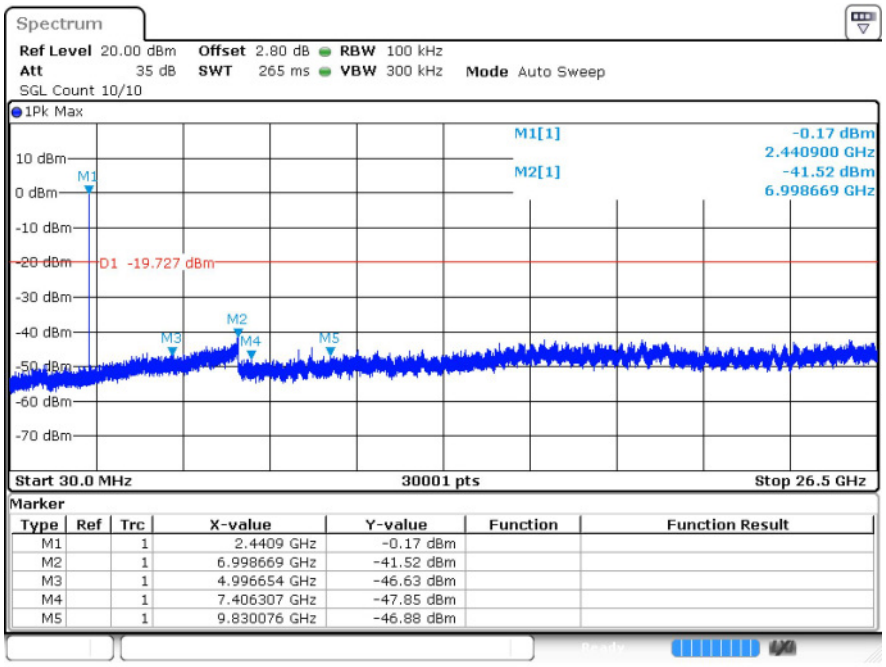
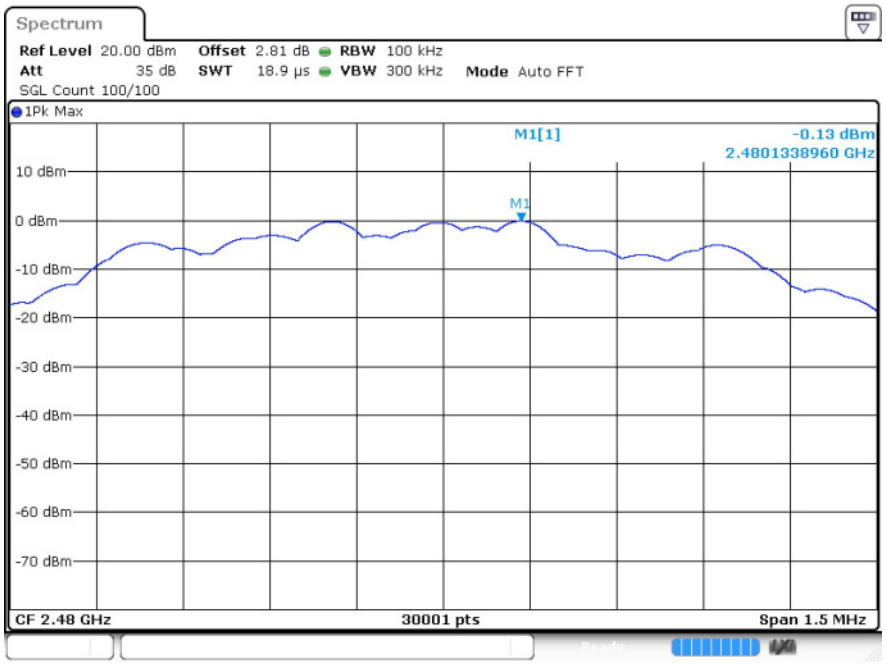
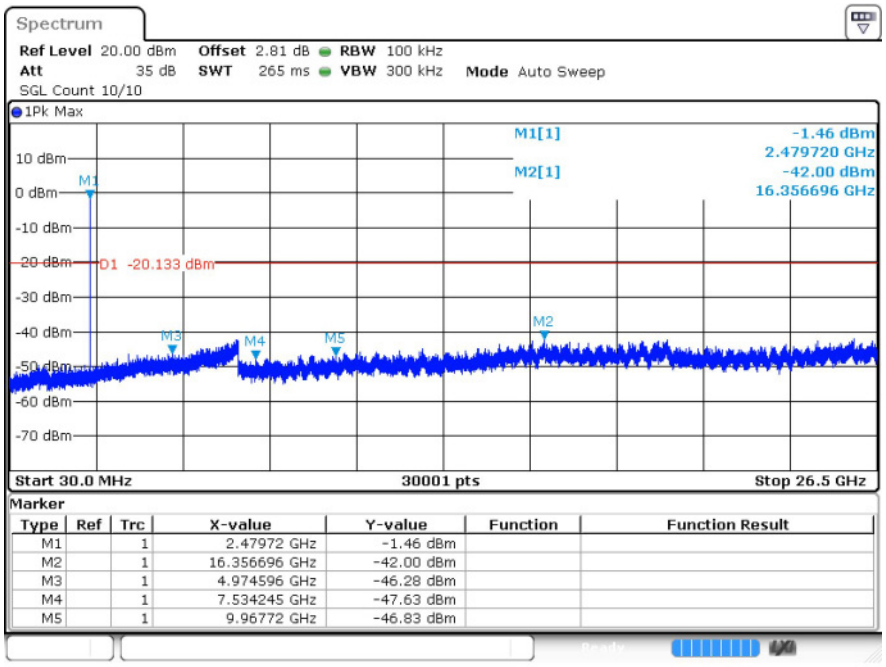
8DPSK_LCH_Graphs	
Pref	
Puw	

8DPSK_MCH_Graphs	
Pref	
Puw	

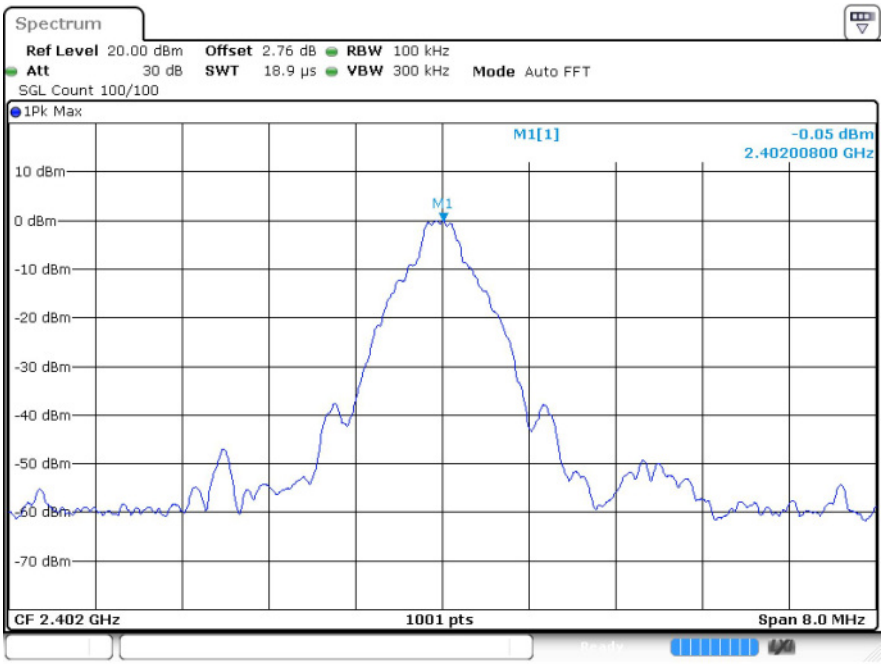
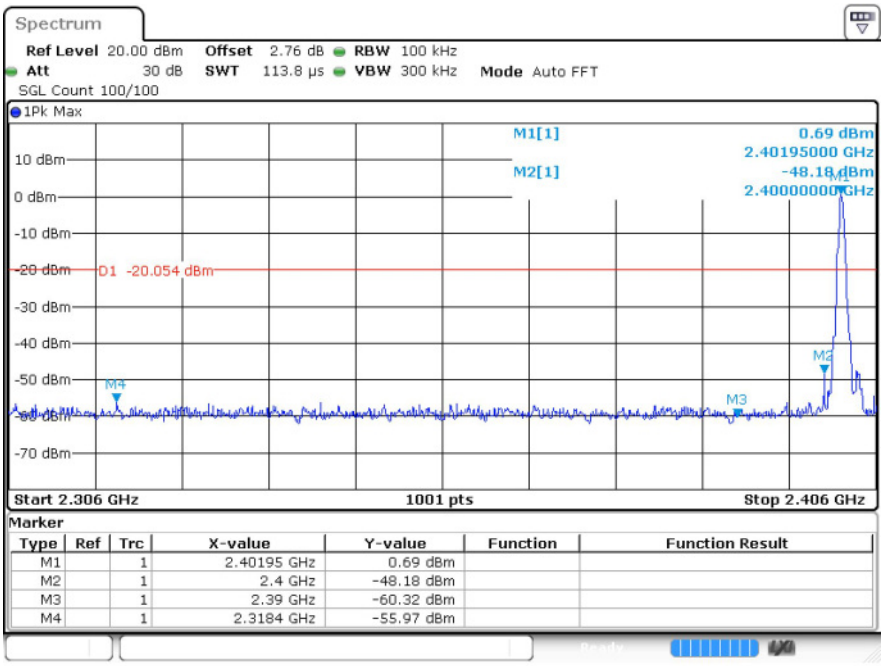
8DPSK_HCH_Graphs	
Pref	
Puw	

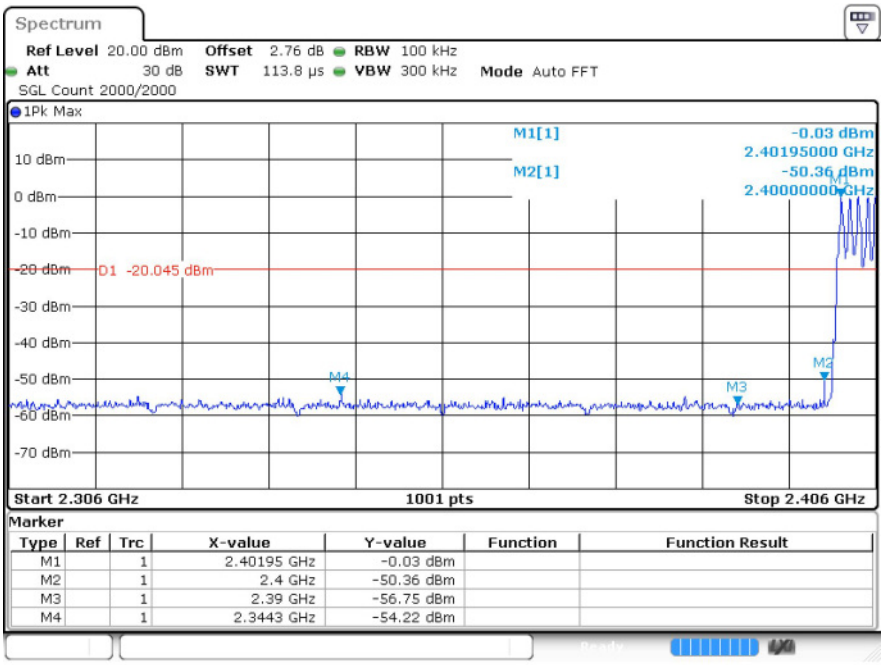
8 Band-edge for RF Conducted Emissions

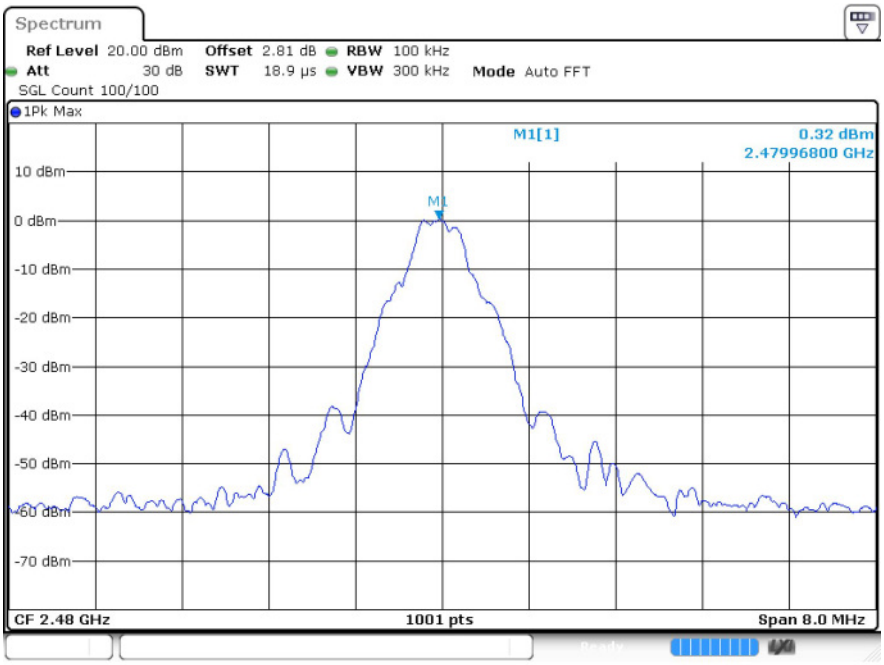
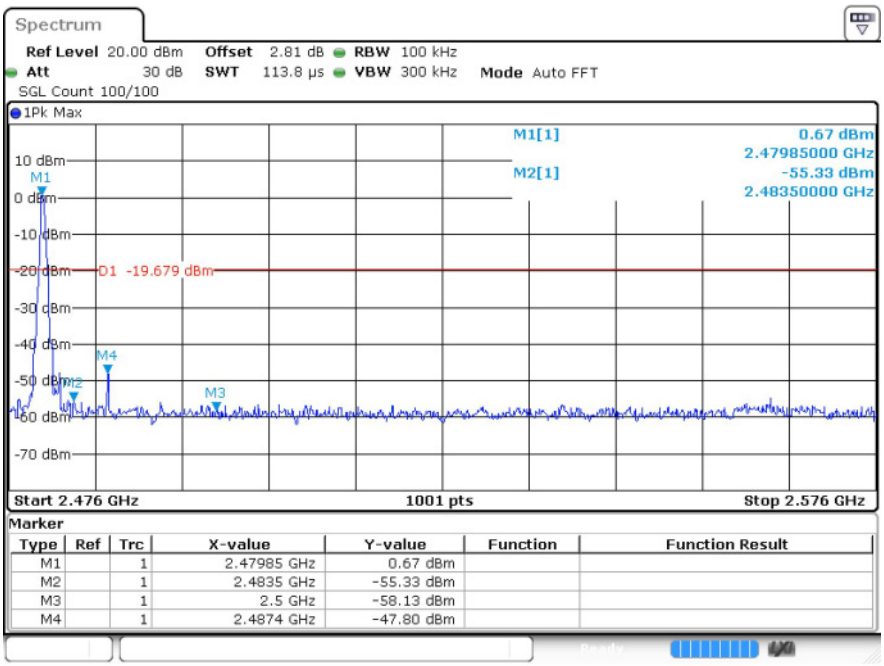
8.1 Test Result

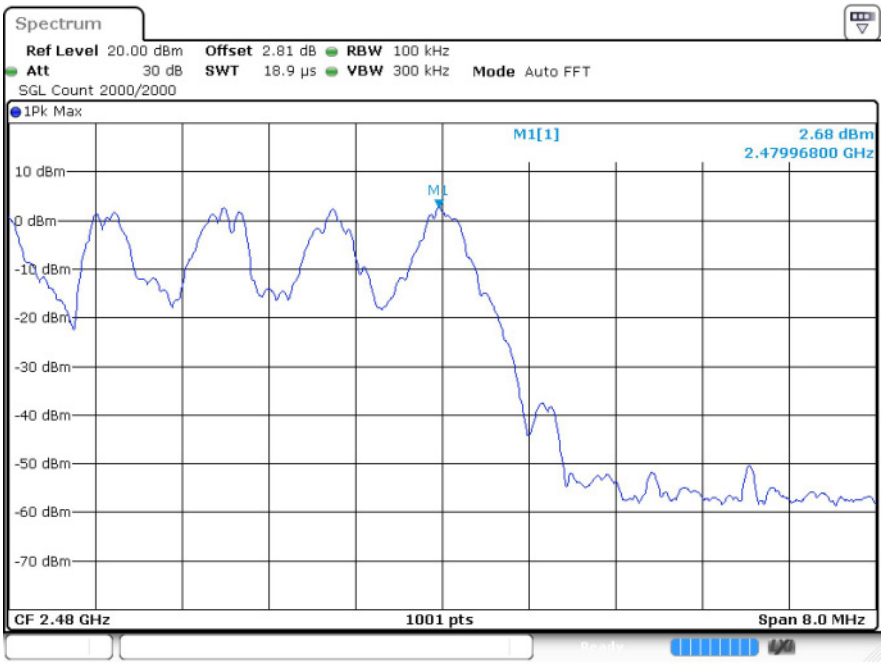
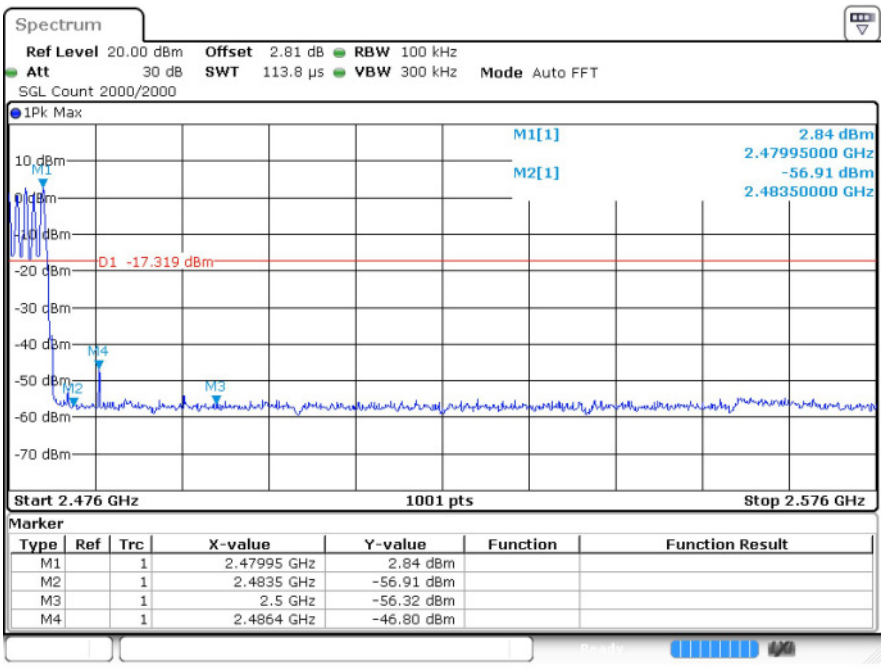
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-55.92	-20	Pass
			On	-54.17	-20	Pass
	HCH	2480	Off	-48.11	-20	Pass
			On	-49.48	-20	Pass
π/4DQPSK	LCH	2402	Off	-54.07	-20	Pass
			On	-52.84	-20	Pass
	HCH	2480	Off	-46.63	-20	Pass
			On	-49.65	-20	Pass
8DPSK	LCH	2402	Off	-55.7	-20	Pass
			On	-54.22	-20	Pass
	HCH	2480	Off	-47.09	-20	Pass
			On	-48.08	-20	Pass

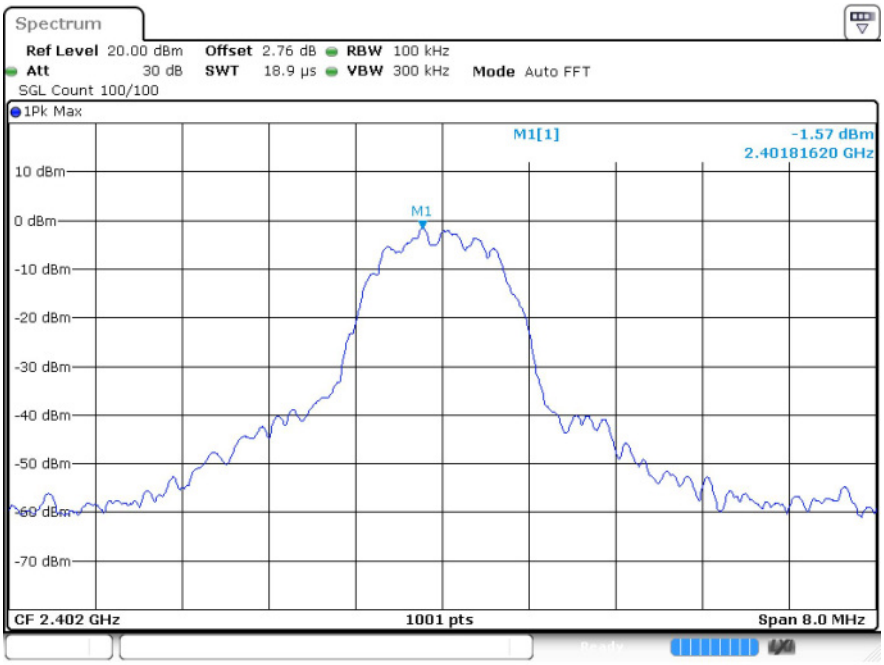
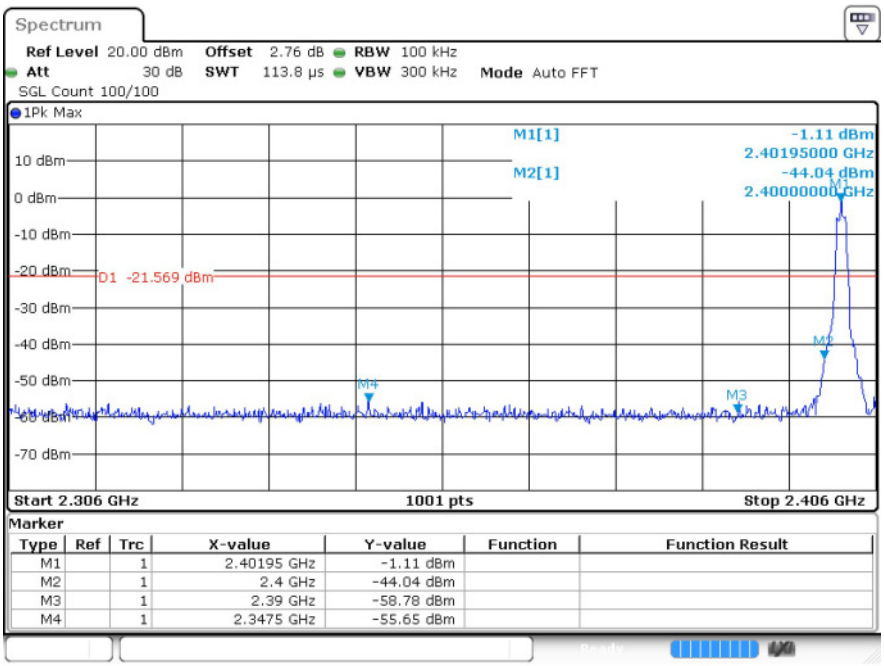
8.2 Test Graphs

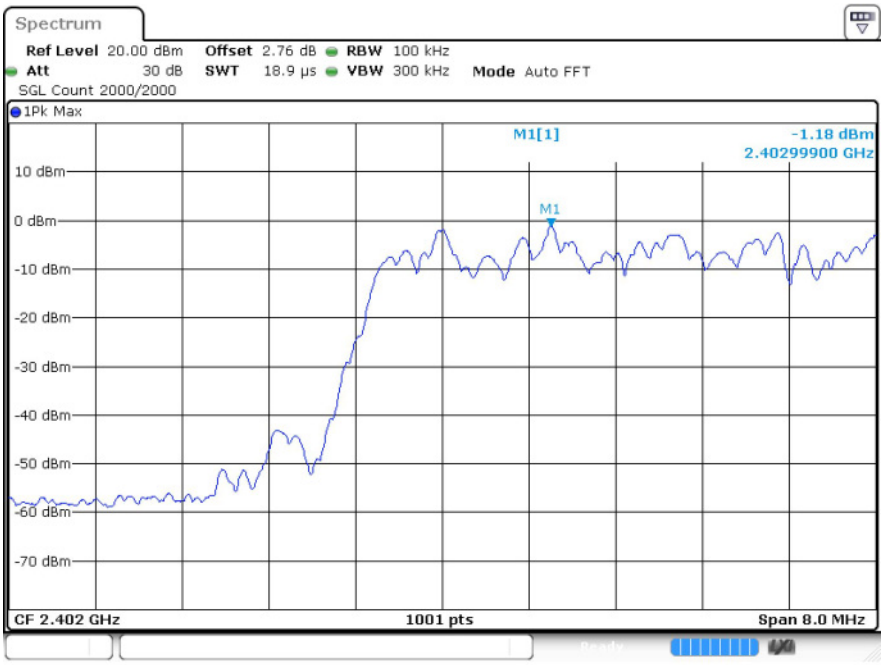
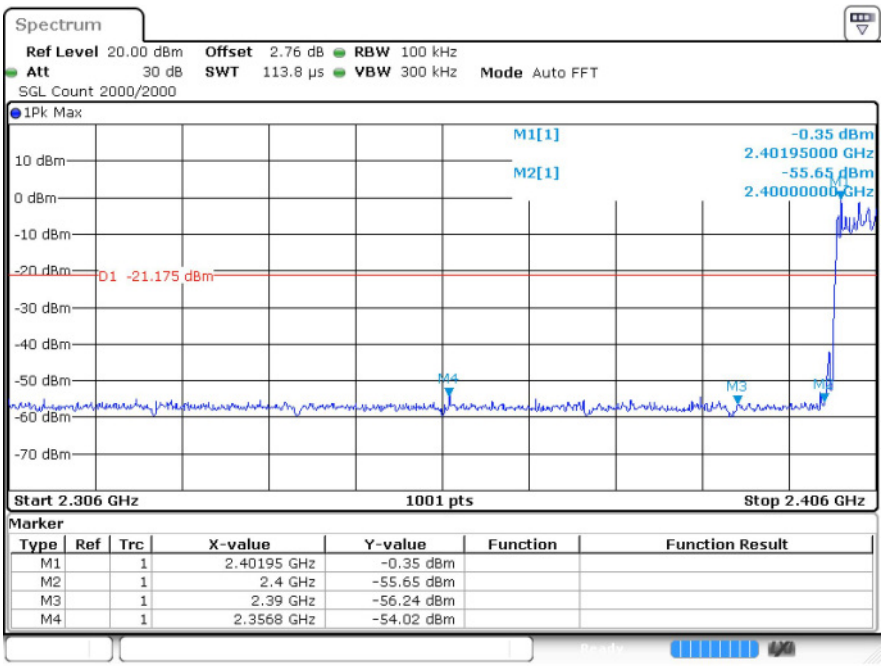
Test Graphs	
Pref	
GFSK/LCH/No Hop	

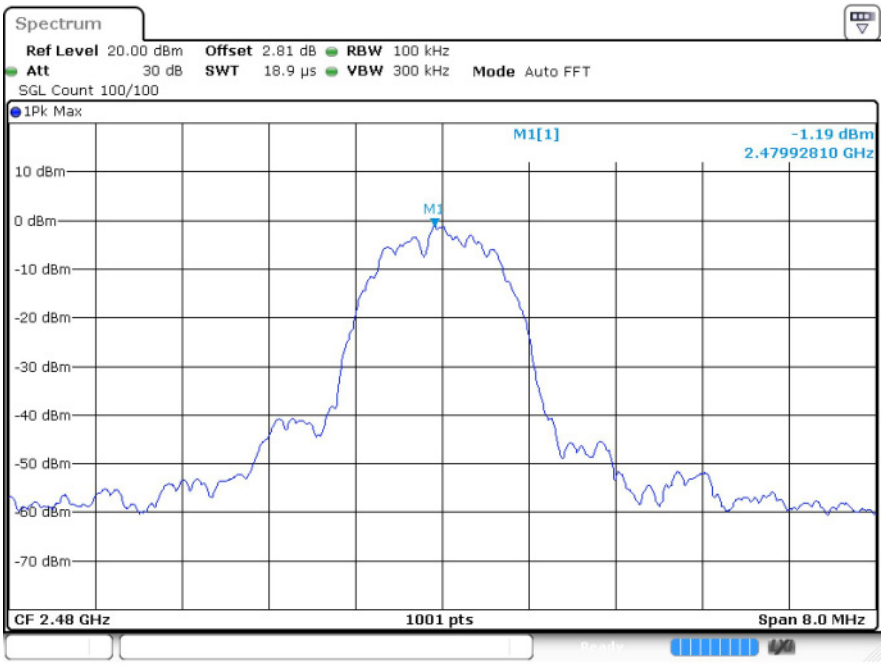
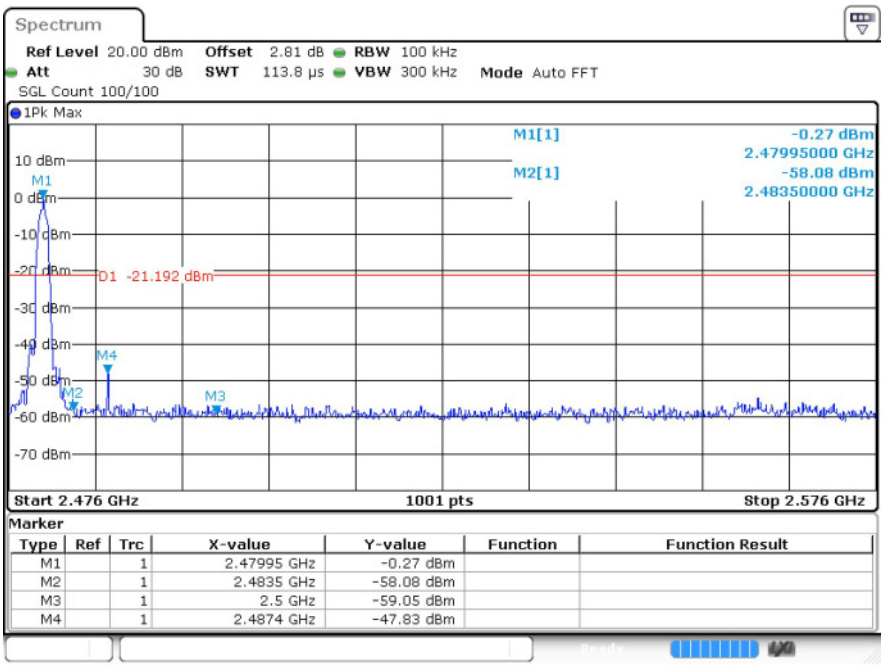
Ref	
GFSK/LCH/Hop	

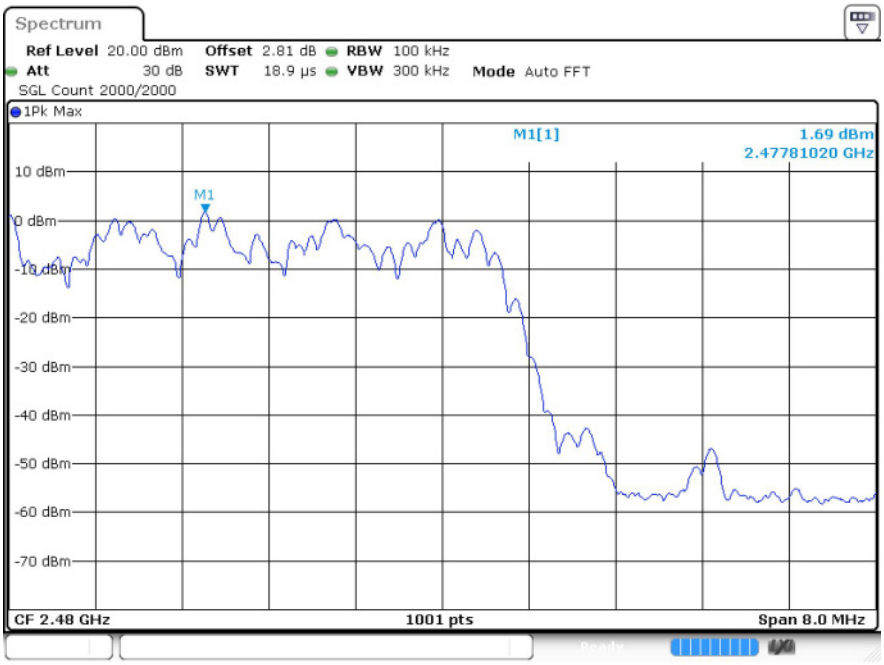
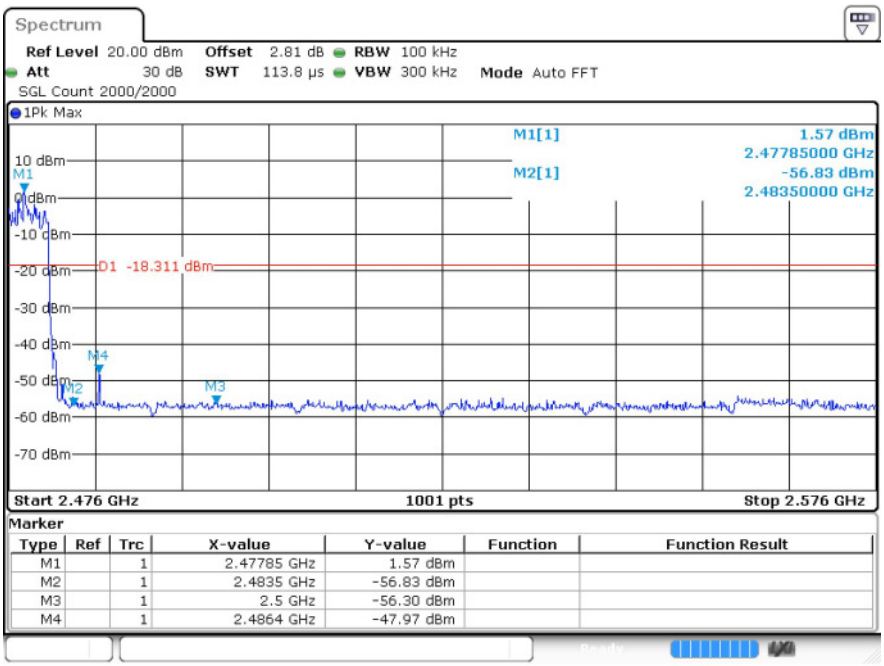
Ref	
GFSK/HCH/No Hop	

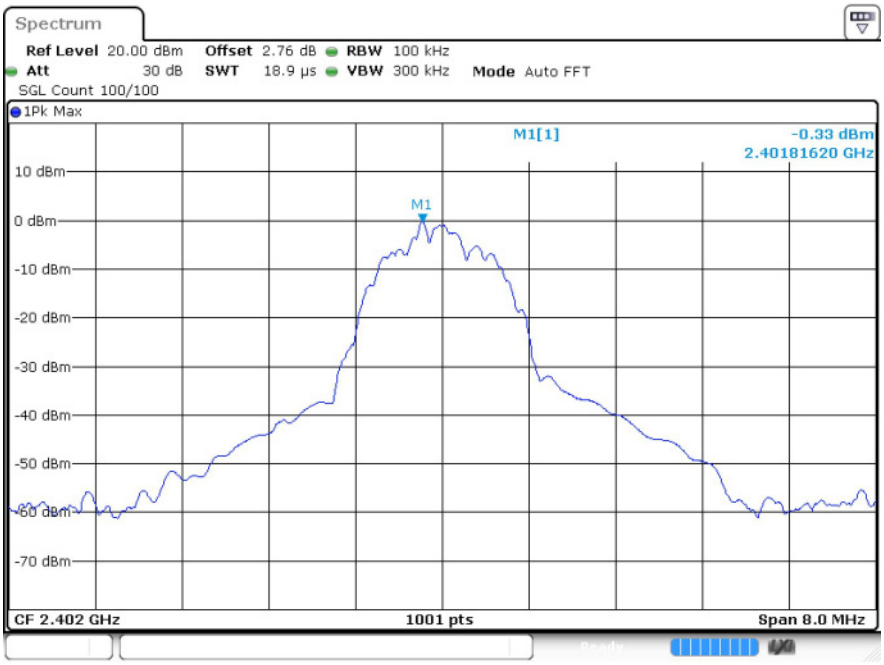
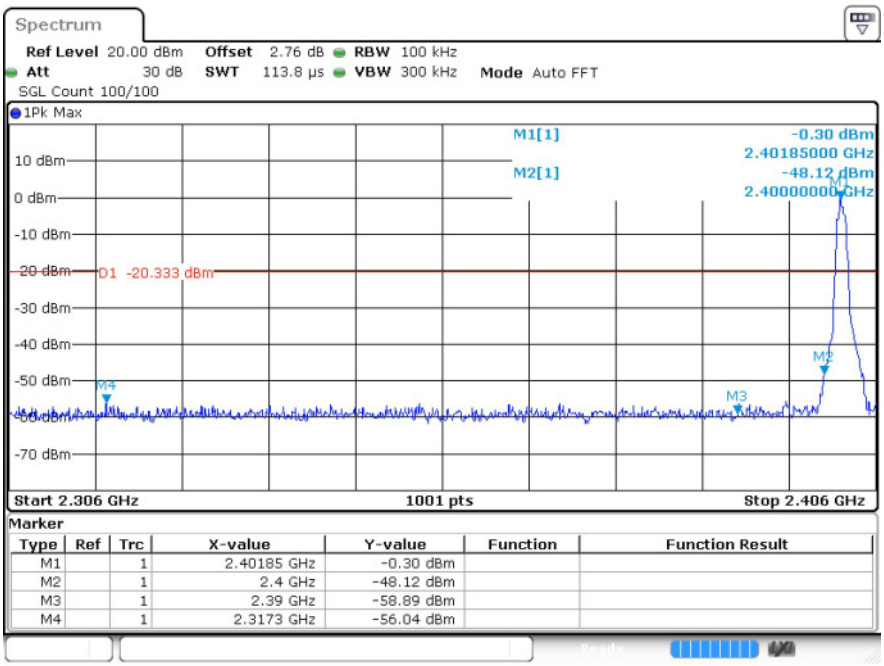
Ref.	
GFSK/HCH/Hop	

Ref	
π/4DQPSK/LCH/No Hop	

Ref	
π/4DQPSK/LCH/Hop	

Ref	
π/4DQPSK/HCH/No Hop	

Ref	
π/4DQPSK/HCH/Hop	

Ref	
8DPSK/LCH/No Hop	

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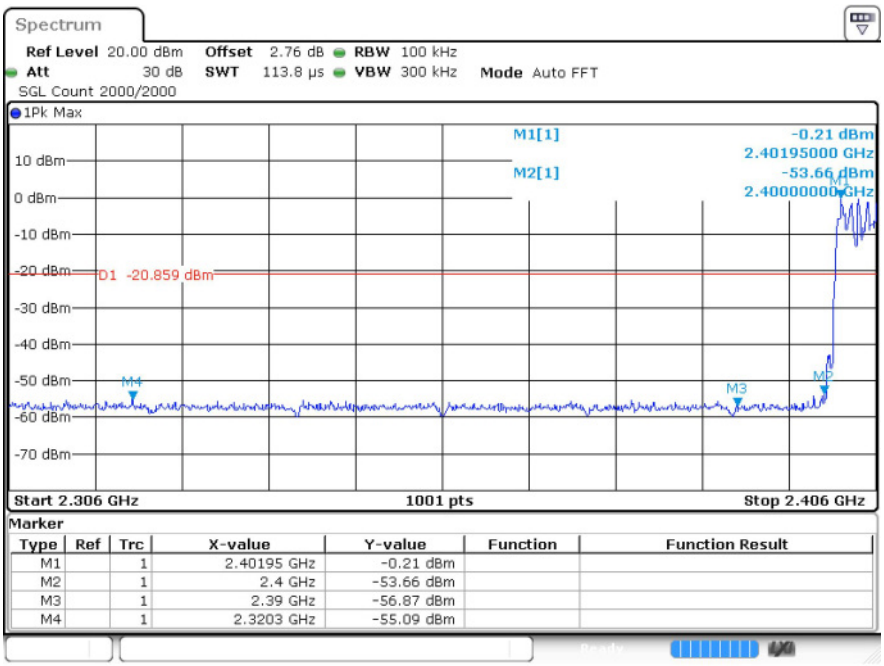
8DPSK/LCH/Hop	

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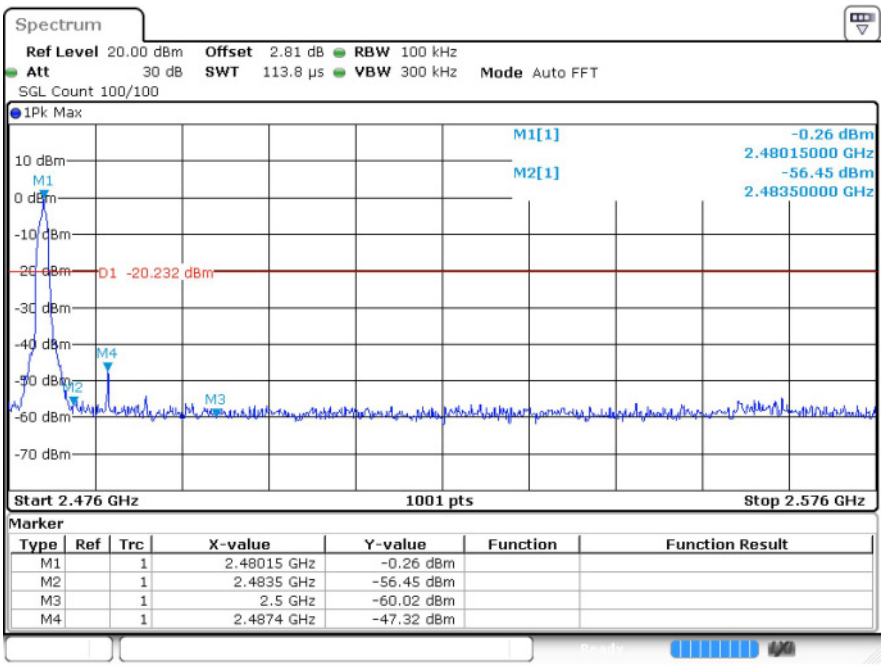
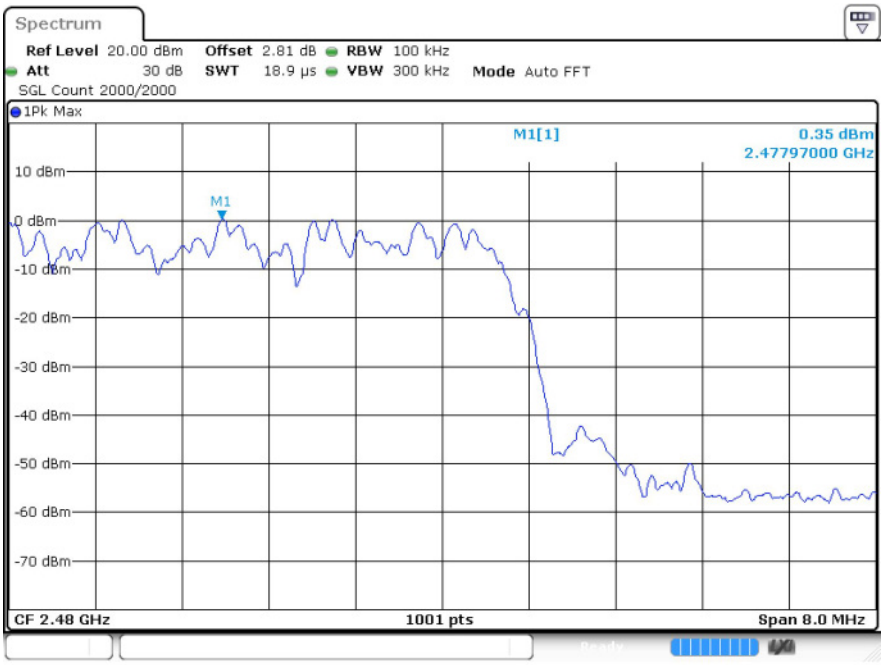
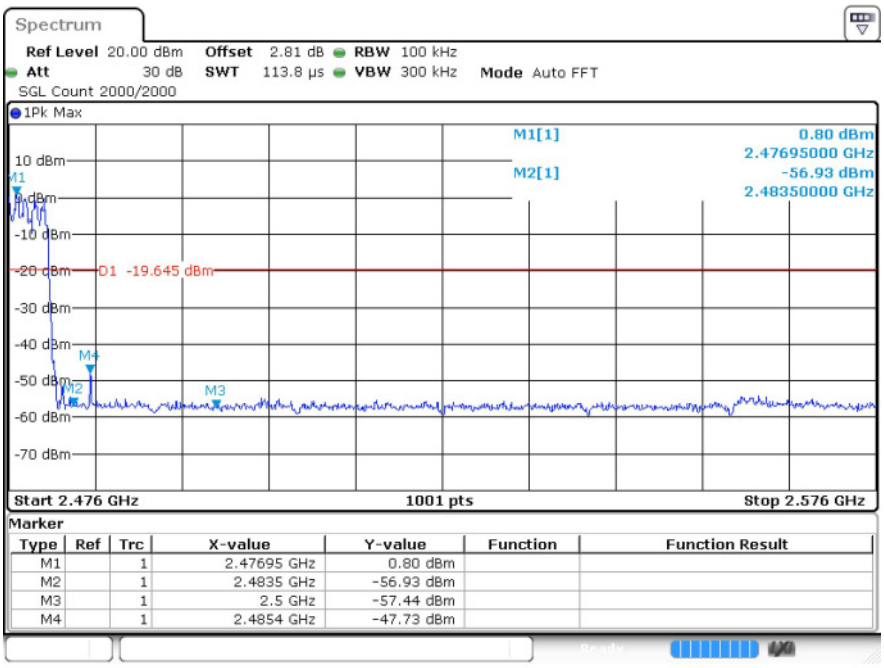
8DPSK/HCH/No Hop	

Ref	
8DPSK/HCH/Hop	

9 Restrict-band band-edge measurements

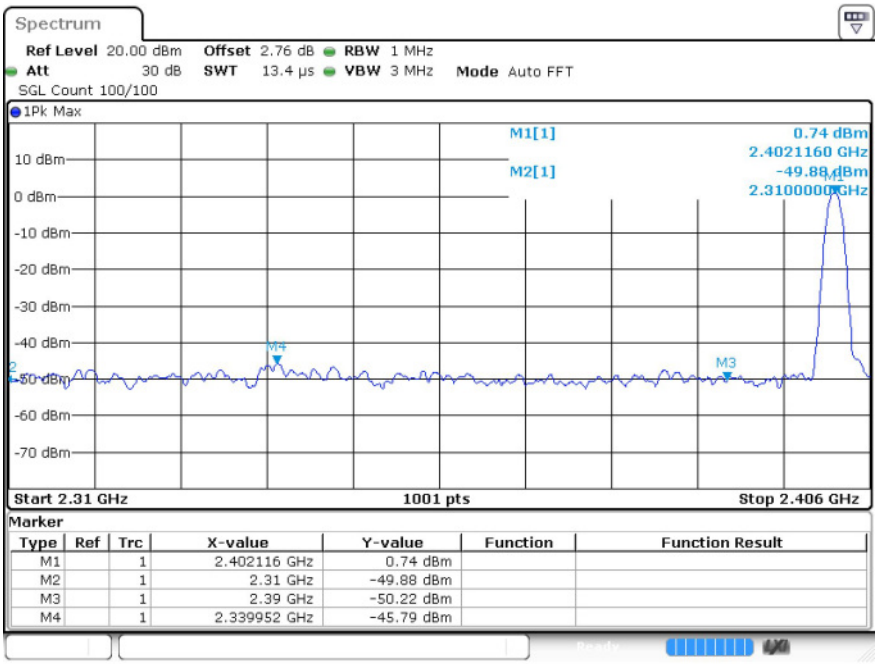
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-49.88	3.45	-	48.80	PEAK	74	Pass
	Off	2310.0	-56.94	3.45	5.06	46.80	AV	54	Pass
	Off	2339.952	-45.78	3.45	-	52.90	PEAK	74	Pass
	Off	2337.936	-54.61	3.45	5.06	49.13	AV	54	Pass
	Off	2390.0	-50.22	3.45	-	48.46	PEAK	74	Pass
	Off	2390.0	-57.14	3.45	5.06	46.60	AV	54	Pass
	Off	2483.5	-49.92	3.45	-	48.76	PEAK	74	Pass
	Off	2483.5	-56.69	3.45	5.06	47.05	AV	54	Pass
	Off	2487.4	-44.81	3.45	-	53.87	PEAK	74	Pass
	Off	2487.328	-55.6	3.45	5.06	48.14	AV	54	Pass
	Off	2500.0	-50	3.45	-	48.68	PEAK	74	Pass
	Off	2500.0	-56.55	3.45	5.06	47.19	AV	54	Pass
π/4DQPSK	Off	2310.0	-46.94	3.45	-	51.74	PEAK	74	Pass
	Off	2310.0	-56.16	3.45	4.95	47.47	AV	54	Pass
	Off	2346.96	-45.85	3.45	-	52.83	PEAK	74	Pass
	Off	2341.968	-54.58	3.45	4.95	49.05	AV	54	Pass
	Off	2390.0	-50.57	3.45	-	48.11	PEAK	74	Pass
	Off	2390.0	-56.23	3.45	4.95	47.40	AV	54	Pass
	Off	2483.5	-47.25	3.45	-	51.43	PEAK	74	Pass
	Off	2483.5	-55.84	3.45	4.95	47.79	AV	54	Pass
	Off	2483.848	-46.33	3.45	-	52.35	PEAK	74	Pass
	Off	2486.176	-55.26	3.45	4.95	48.37	AV	54	Pass
	Off	2500.0	-48.83	3.45	-	49.85	PEAK	74	Pass
	Off	2500.0	-56.31	3.45	4.95	47.32	AV	54	Pass
8DPSK	Off	2310.0	-49.74	3.45	-	48.94	PEAK	74	Pass
	Off	2310.0	-56.68	3.45	4.95	46.95	AV	54	Pass
	Off	2363.76	-45.97	3.45	-	52.71	PEAK	74	Pass
	Off	2338.032	-54.54	3.45	4.95	49.09	AV	54	Pass

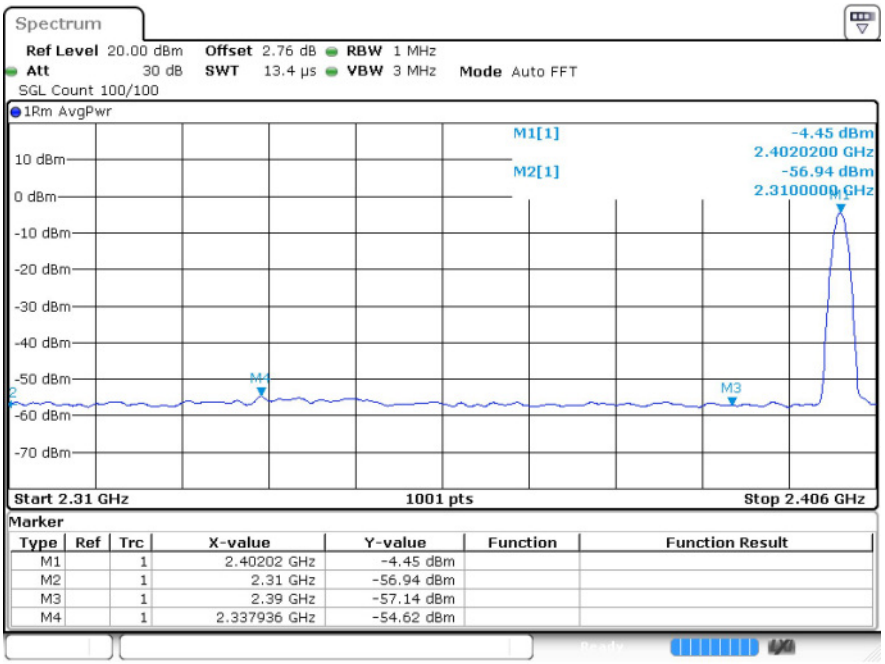
	Off	2390.0	-49.3	3.45	-	49.38	PEAK	74	Pass
	Off	2390.0	-56.73	3.45	4.95	46.90	AV	54	Pass
	Off	2483.5	-48.42	3.45	-	50.26	PEAK	74	Pass
	Off	2483.5	-56.23	3.45	4.95	47.40	AV	54	Pass
	Off	2487.424	-45.8	3.45	-	52.88	PEAK	74	Pass
	Off	2484.4	-55.74	3.45	4.95	47.89	AV	54	Pass
	Off	2500.0	-48.82	3.45	-	49.86	PEAK	74	Pass
	Off	2500.0	-56.31	3.45	4.95	47.32	AV	54	Pass

9.2 Test Graphs

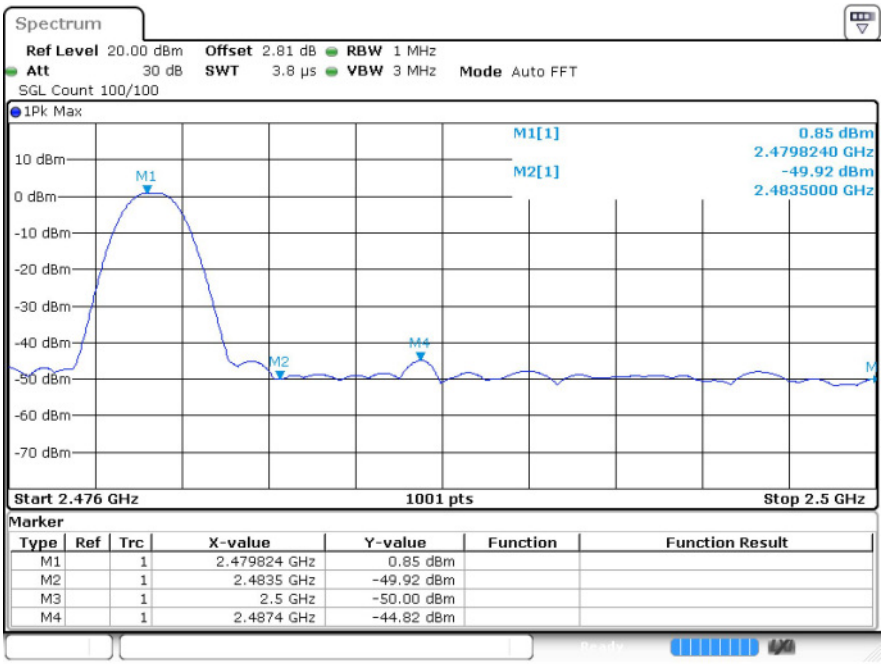
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



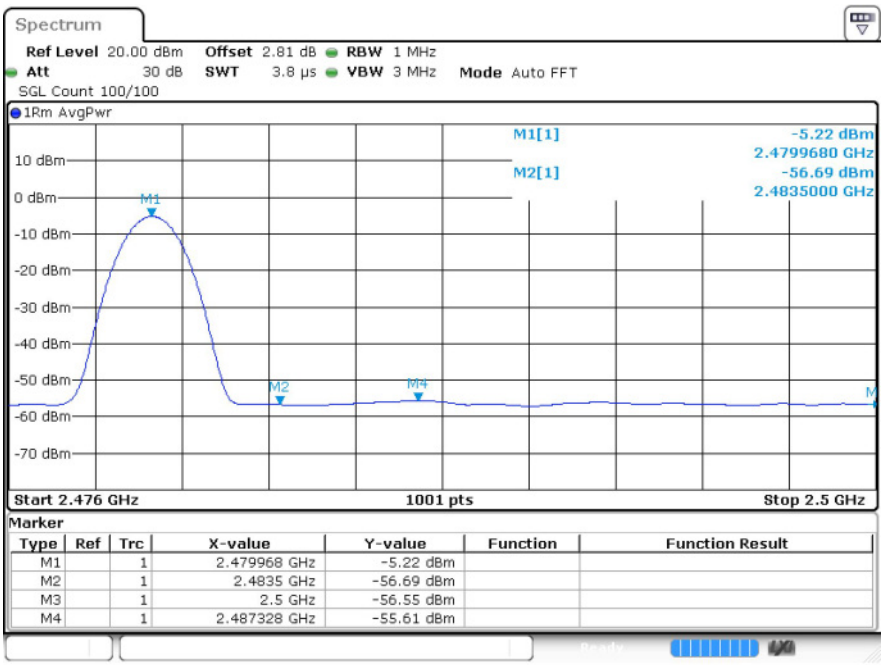
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



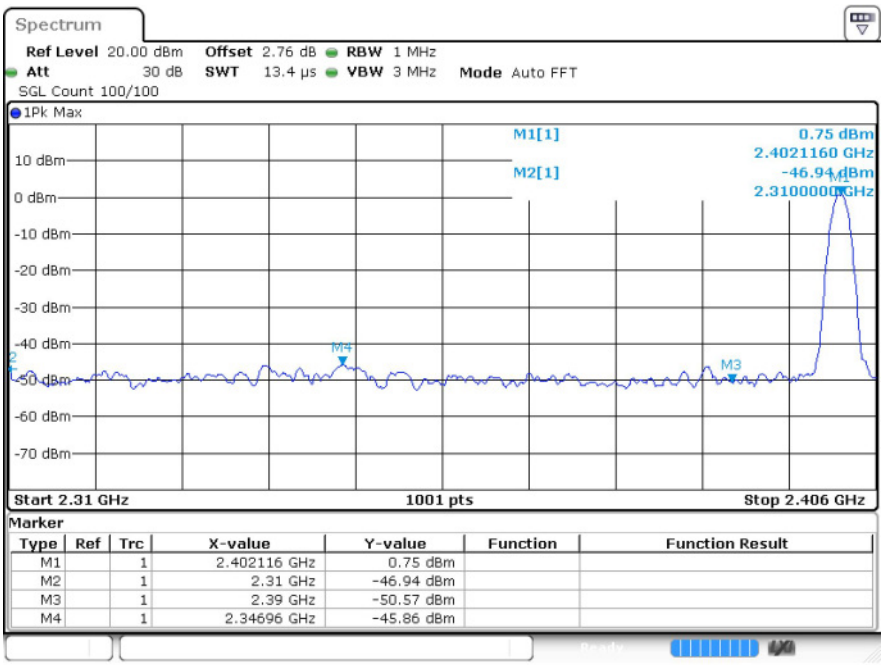
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



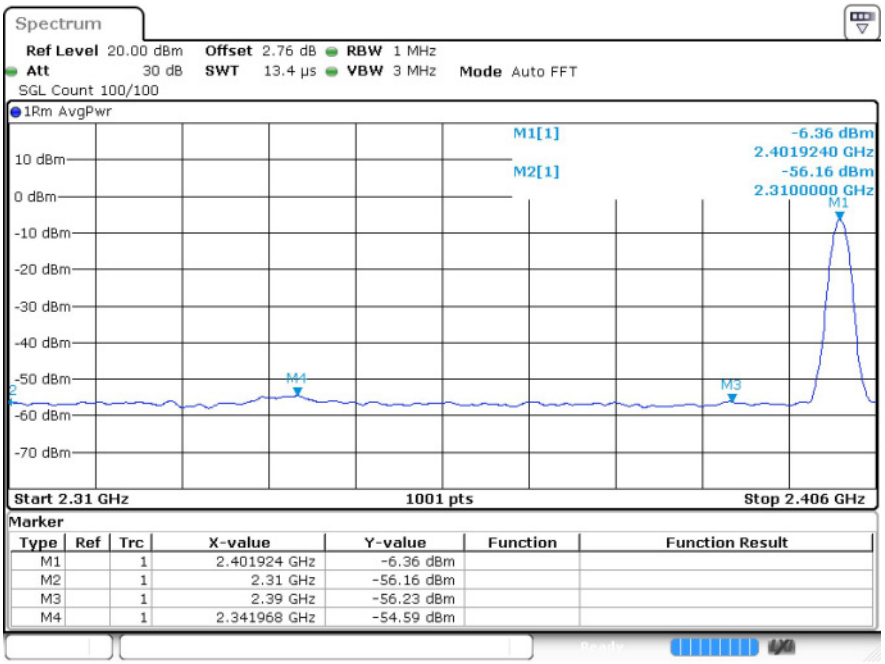
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



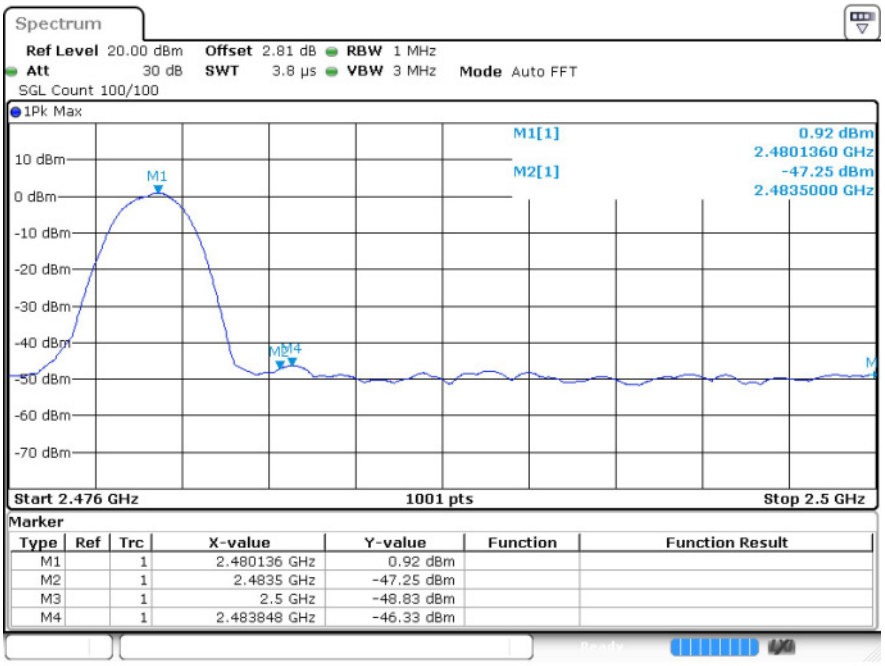
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



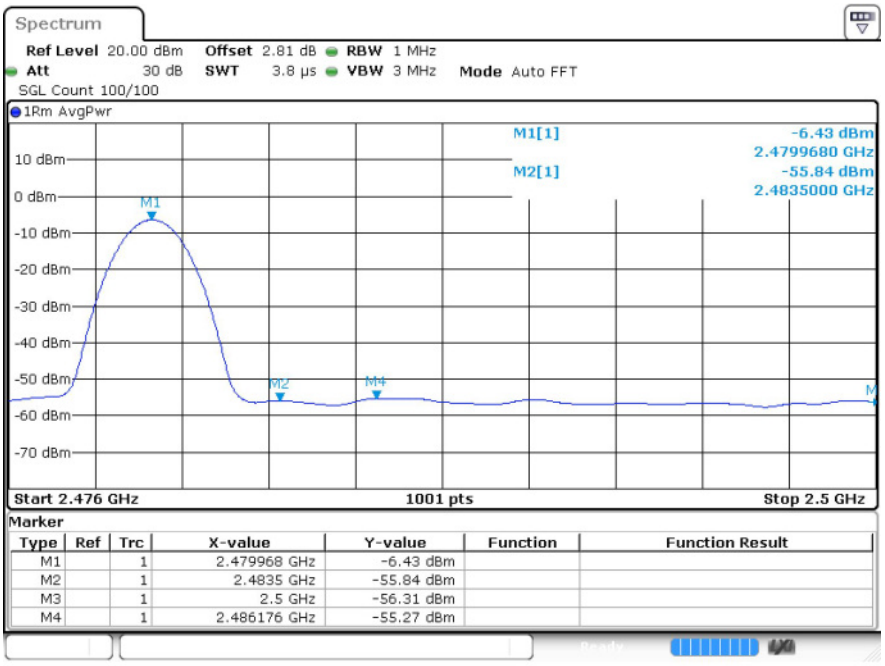
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



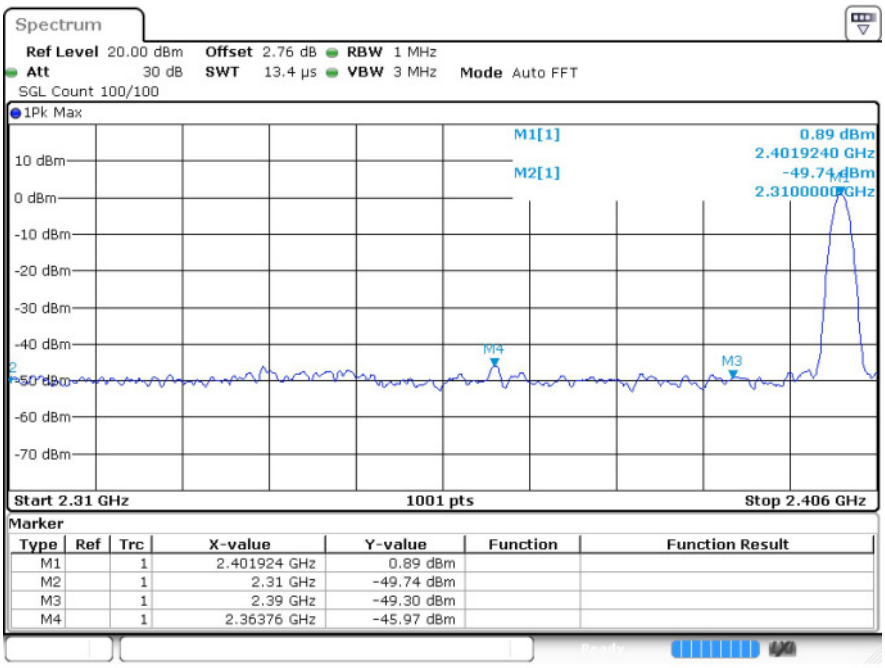
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



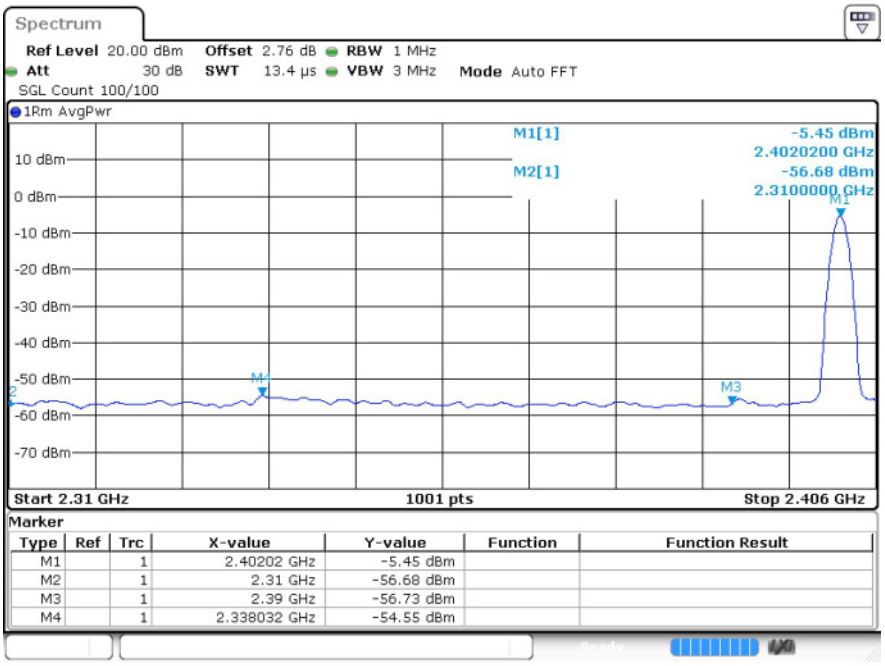
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



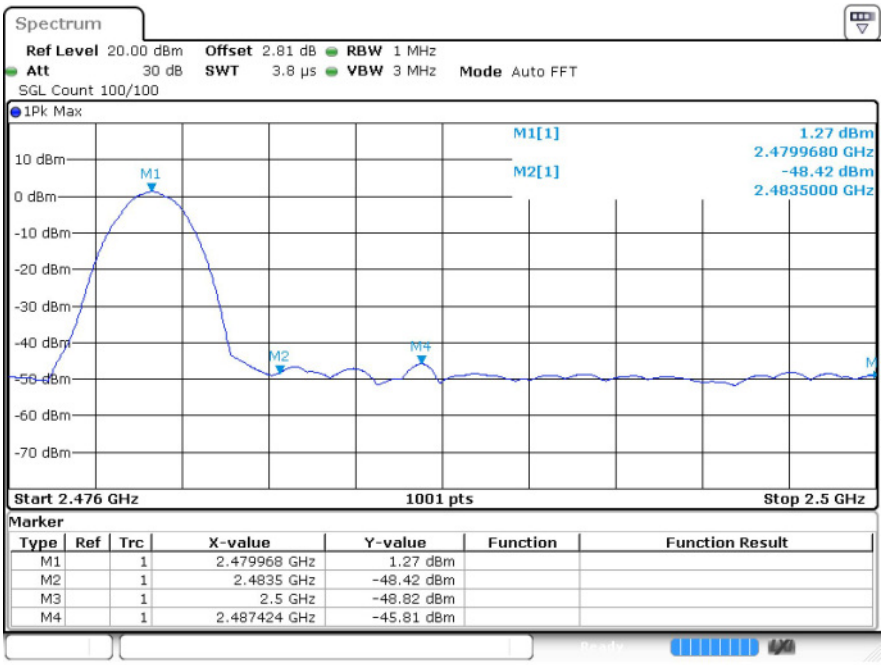
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



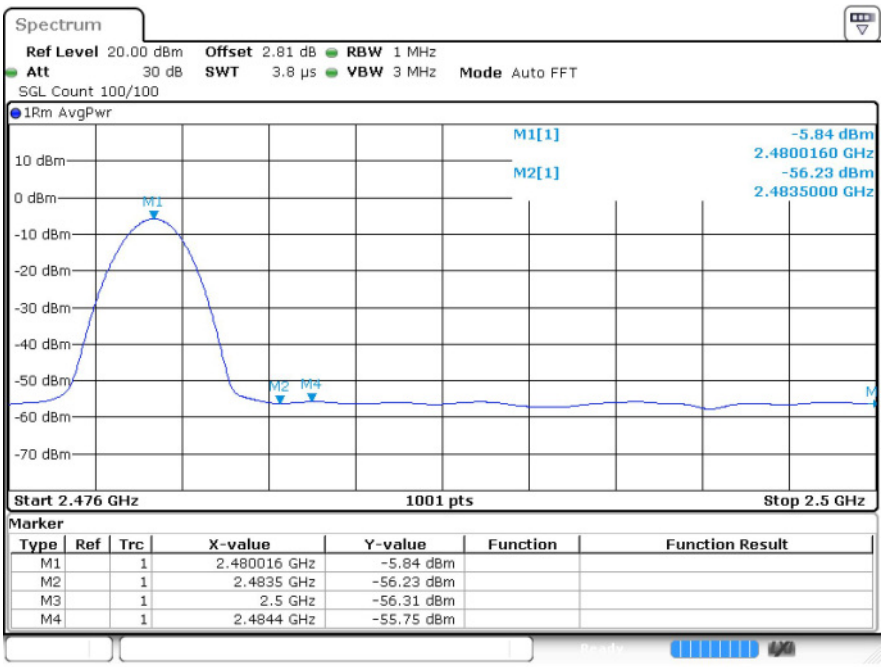
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---