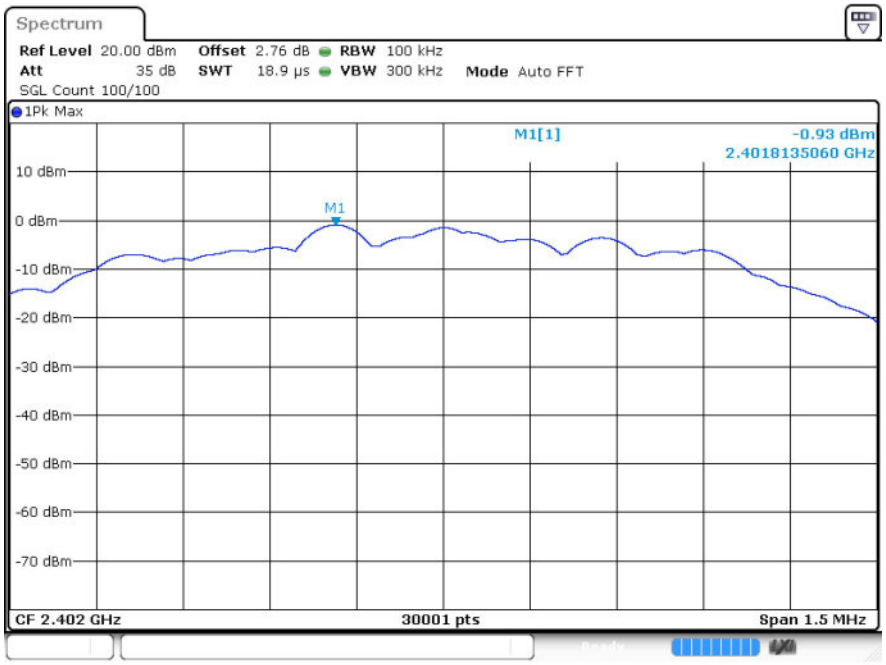
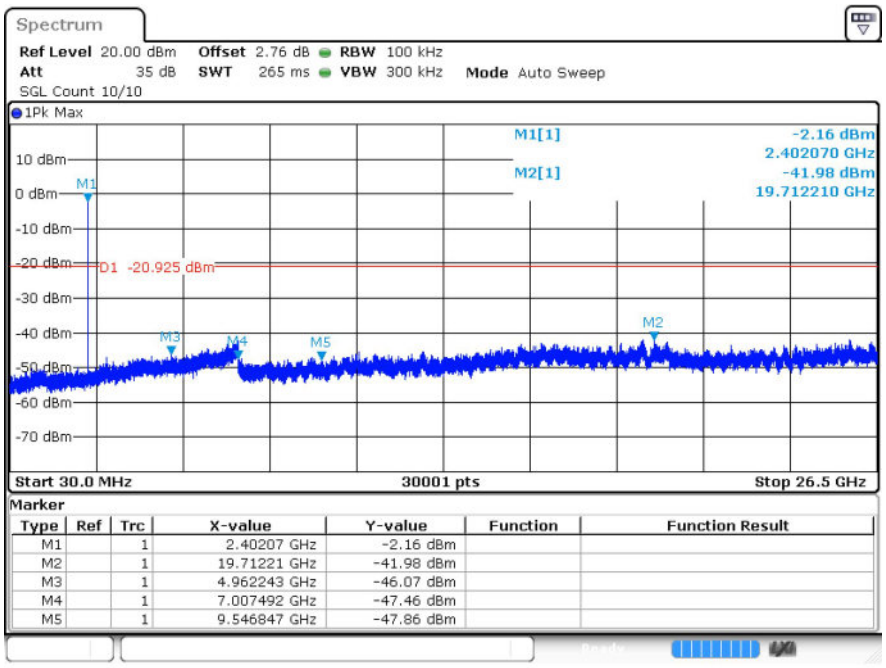
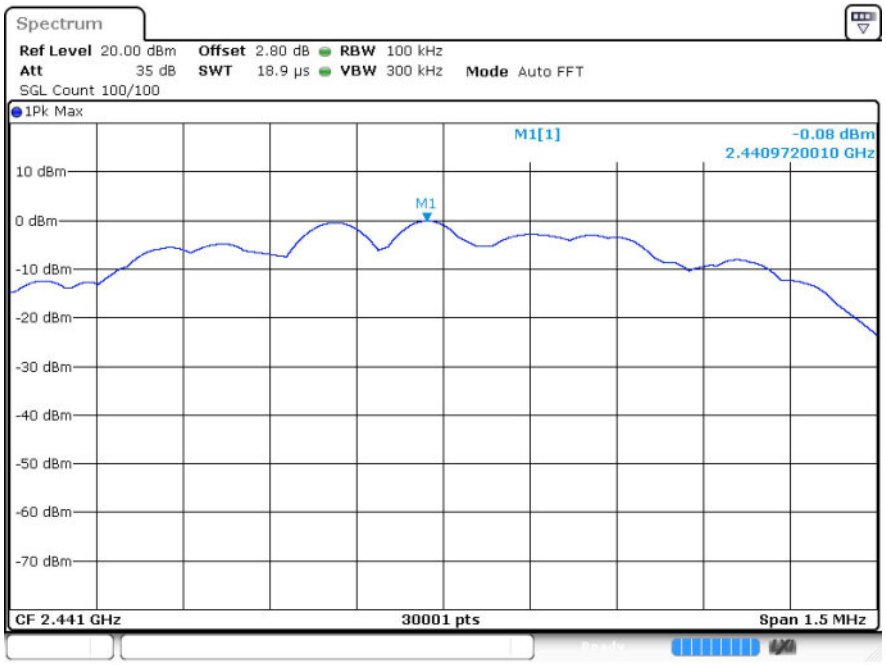
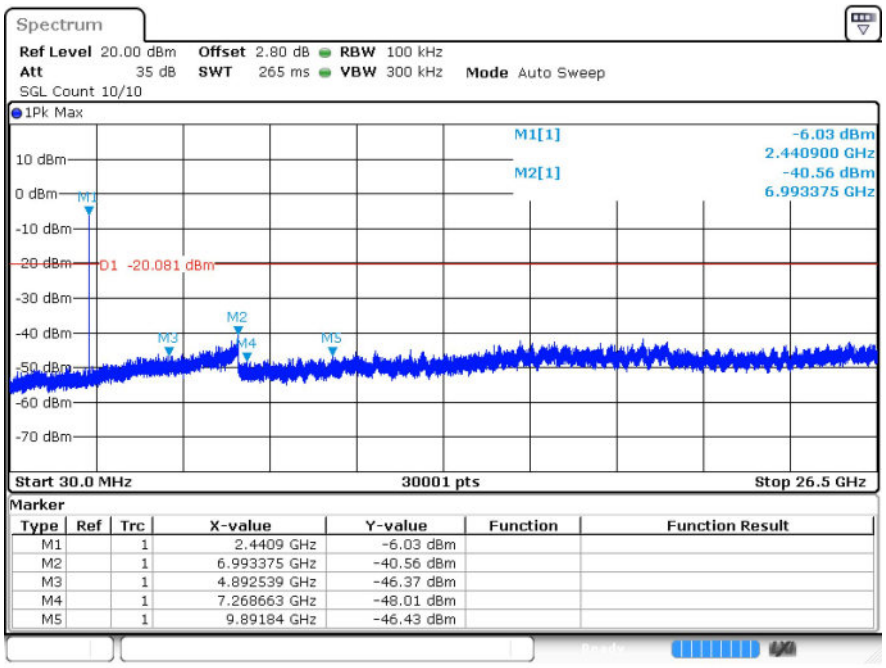
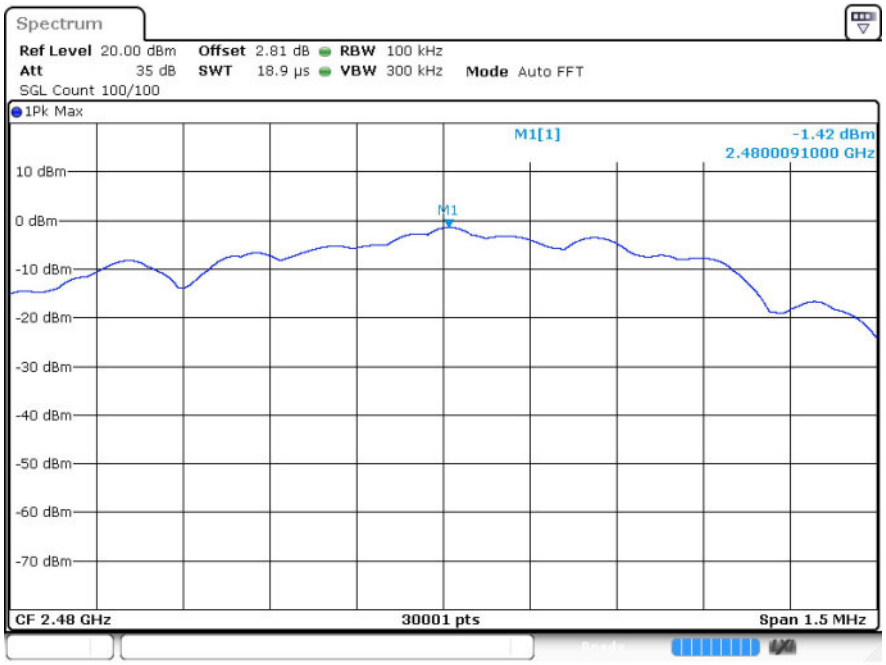
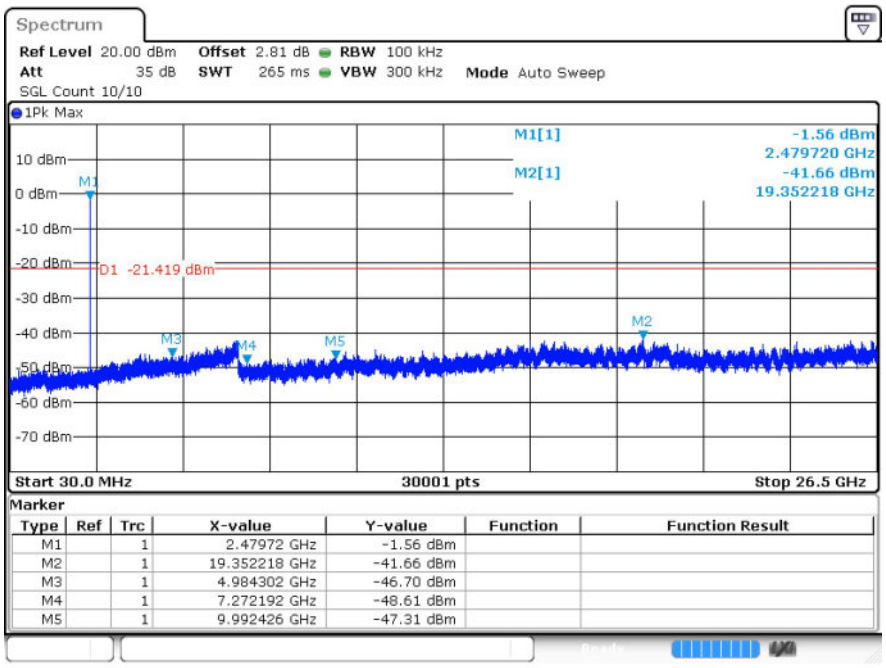
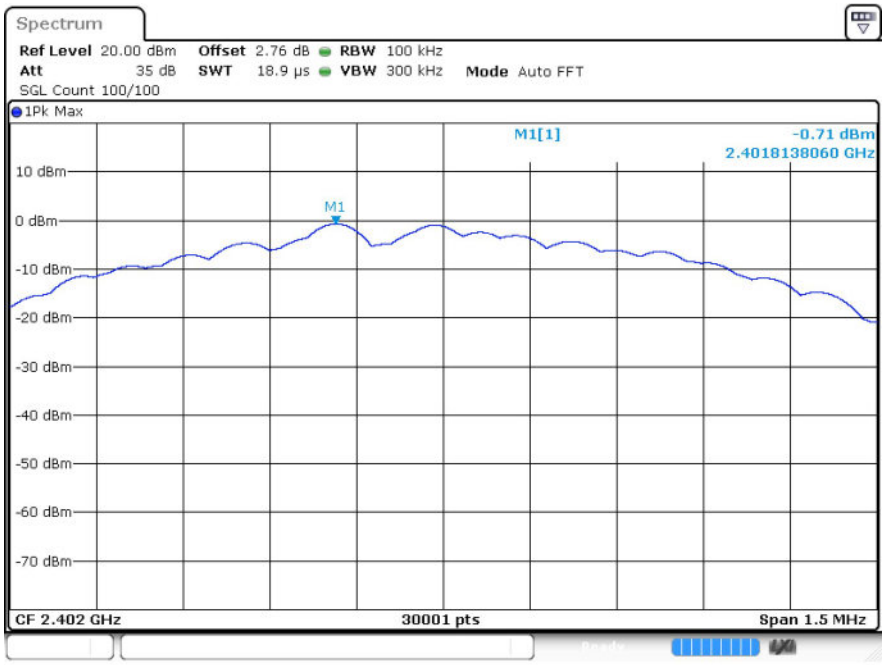
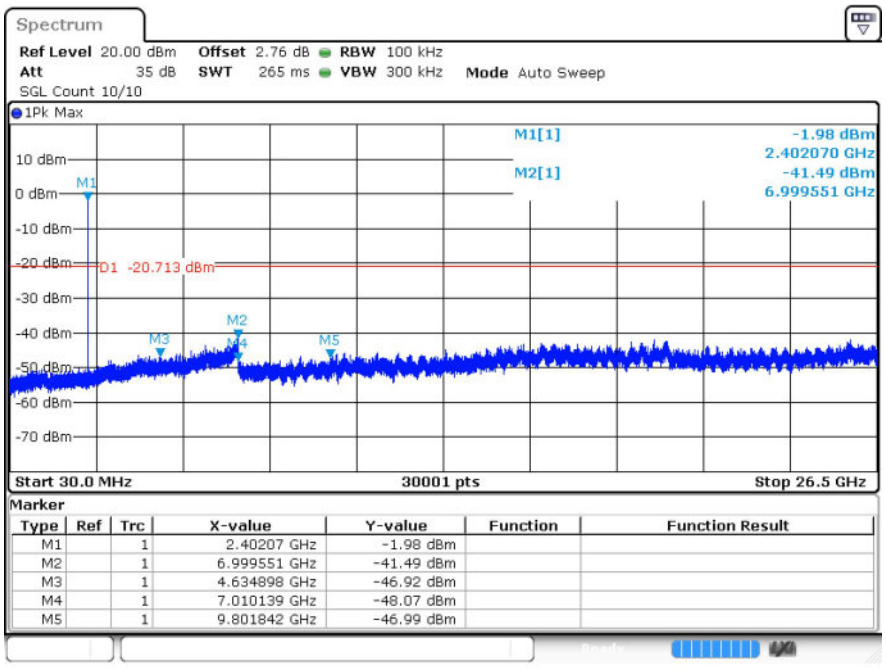
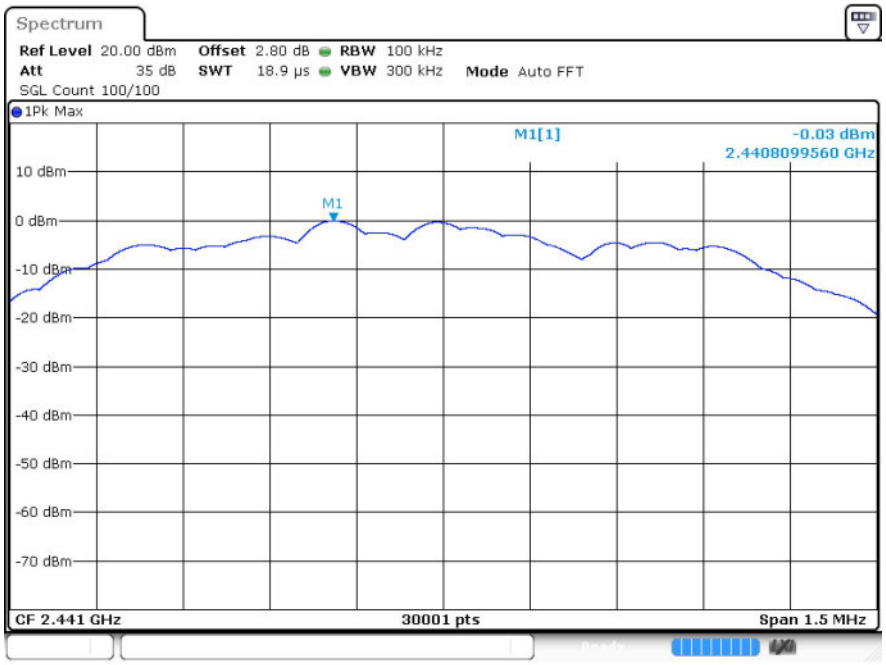
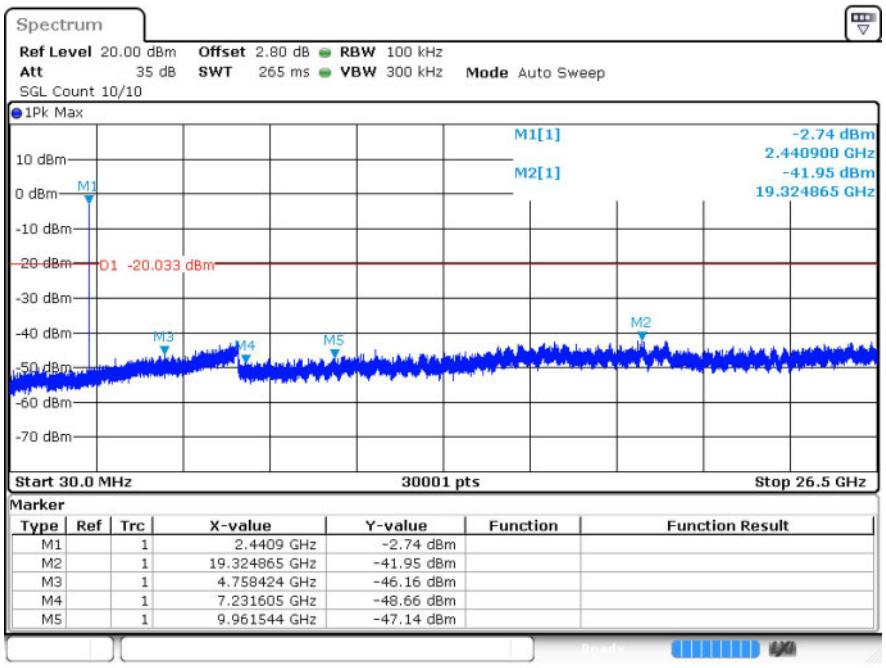
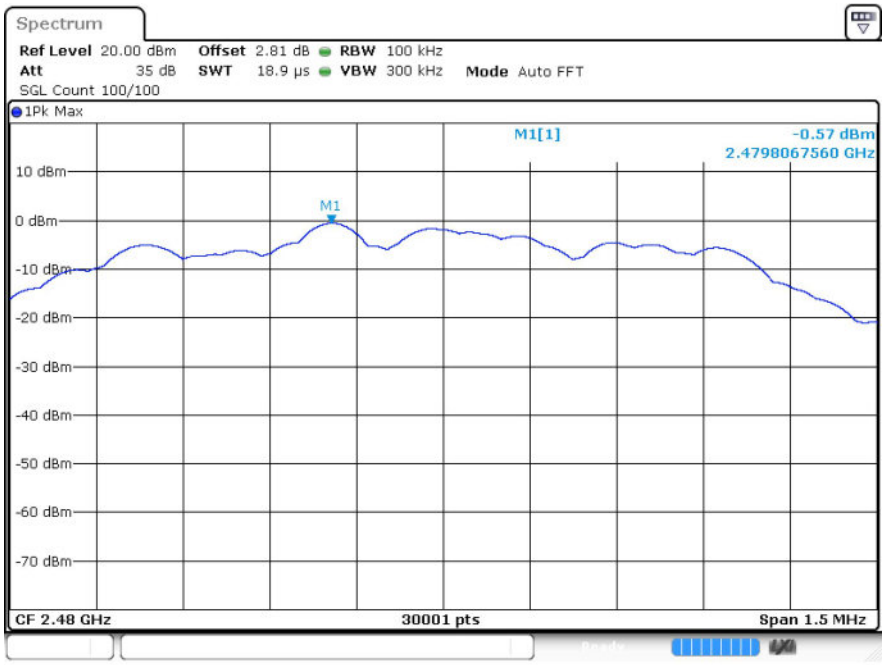
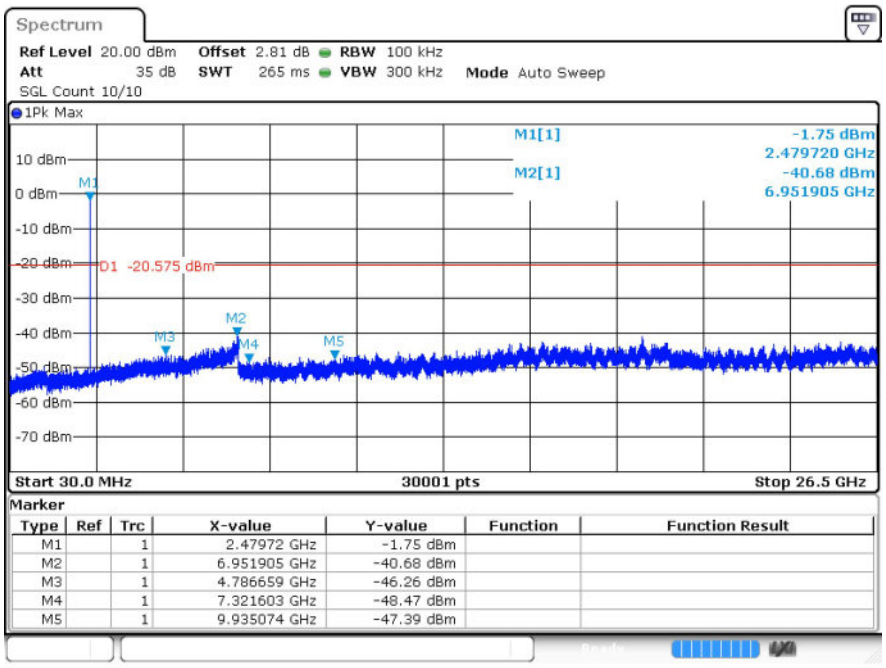
π/4DQPSK_LCH_Graphs	
Pref	
Puw	

π/4DQPSK_MCH_Graphs	
Pref	
Puw	

π/4DQPSK_HCH_Graphs	
Pref	
Puw	

8DPSK_LCH_Graphs	
Pref	
Puw	

8DPSK_MCH_Graphs	
Pref	
Puw	

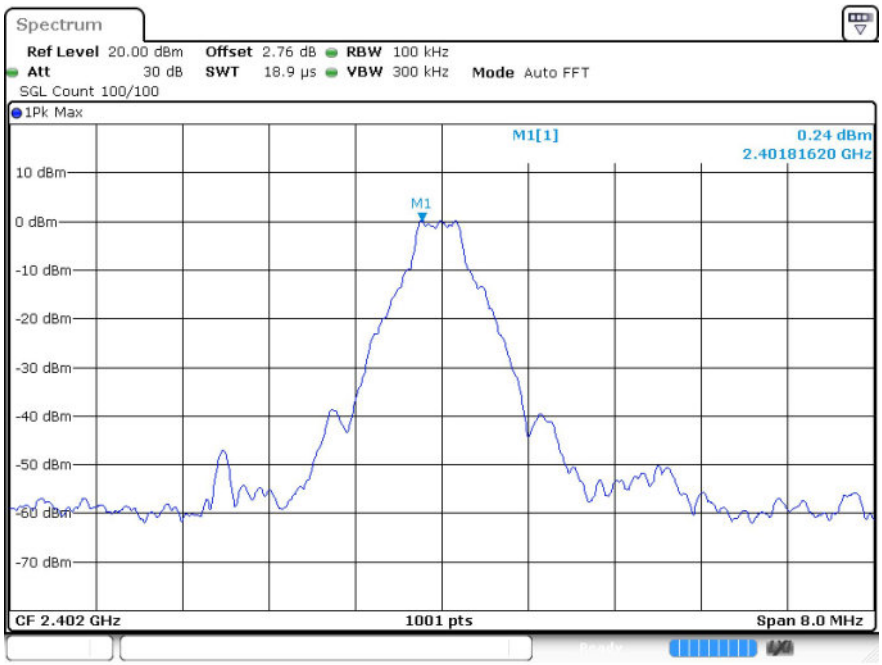
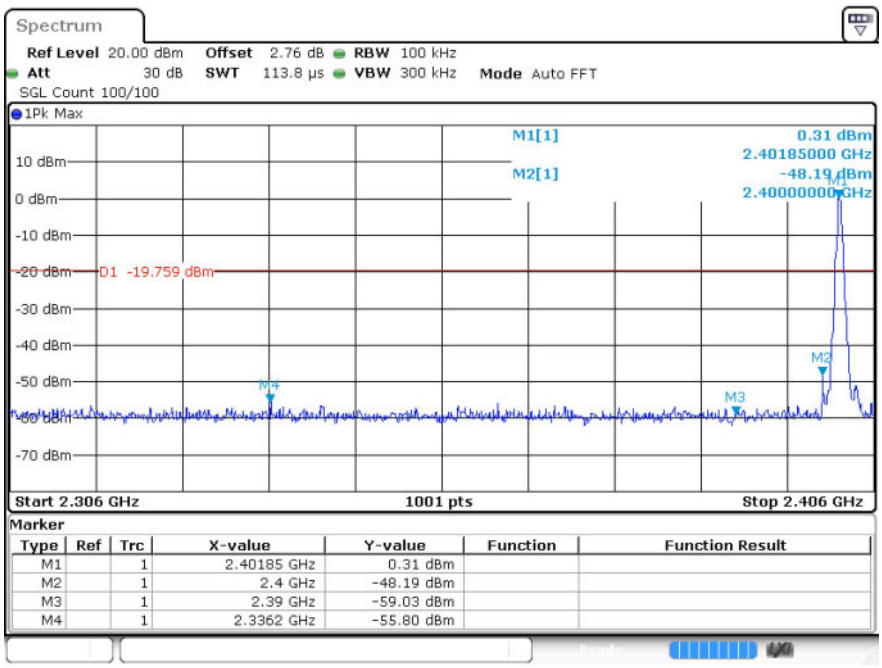
8DPSK_HCH_Graphs	
Pref	
Puw	

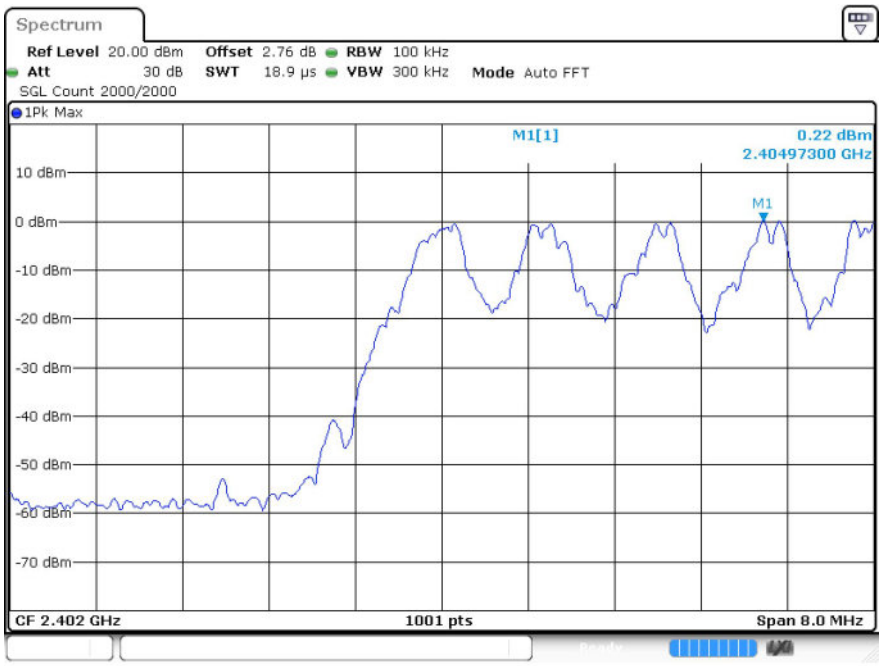
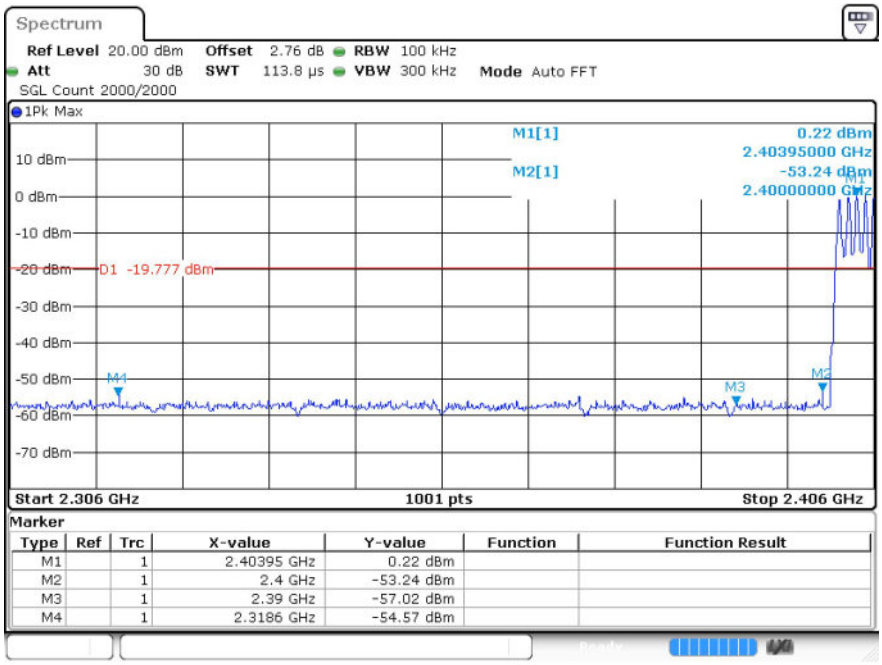
8 Band-edge for RF Conducted Emissions

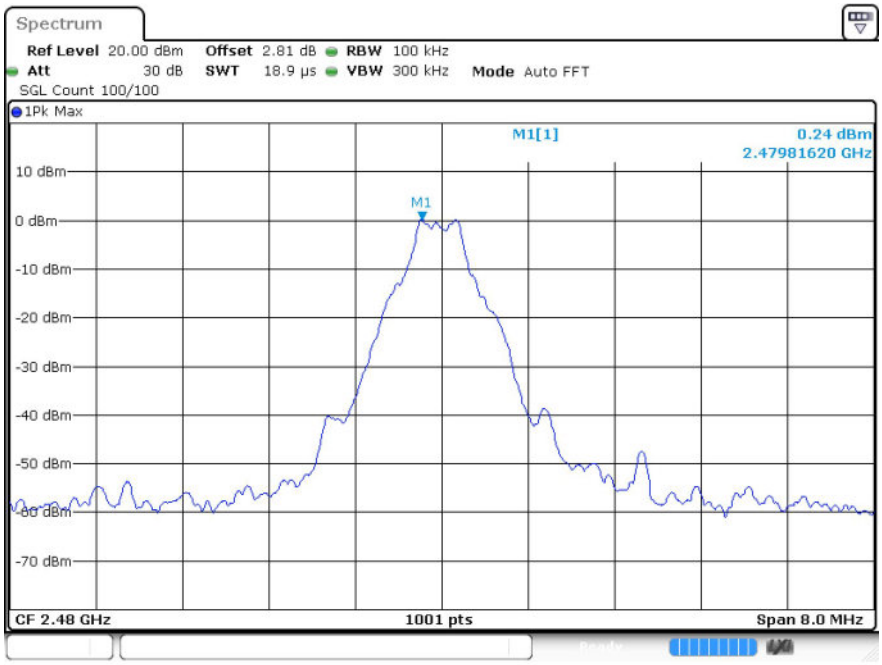
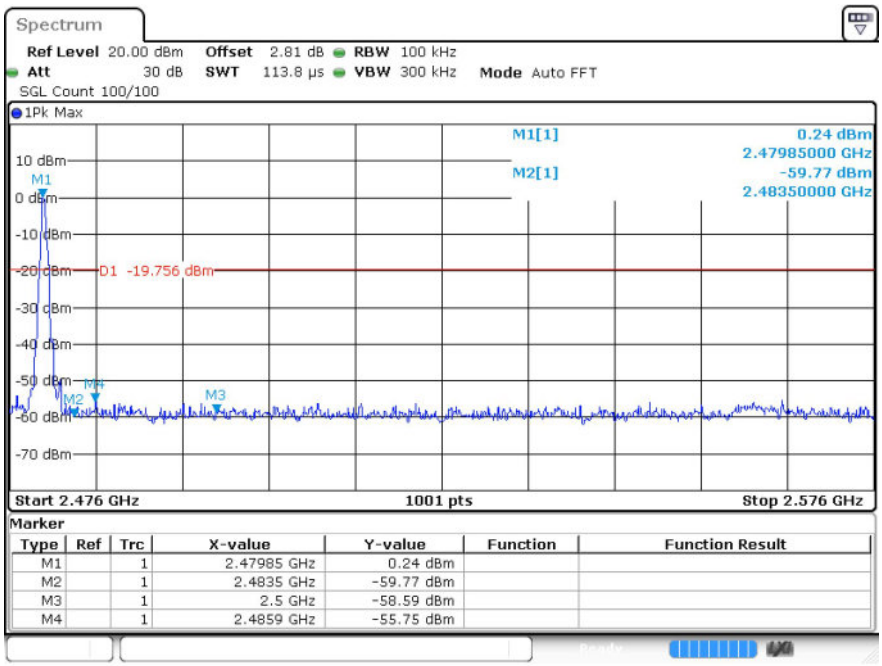
8.1 Test Result

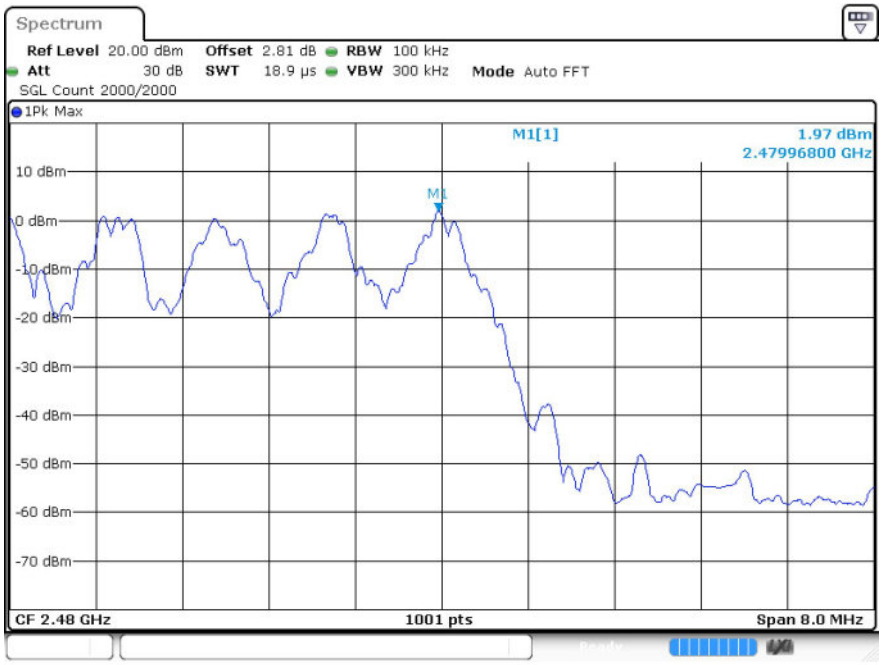
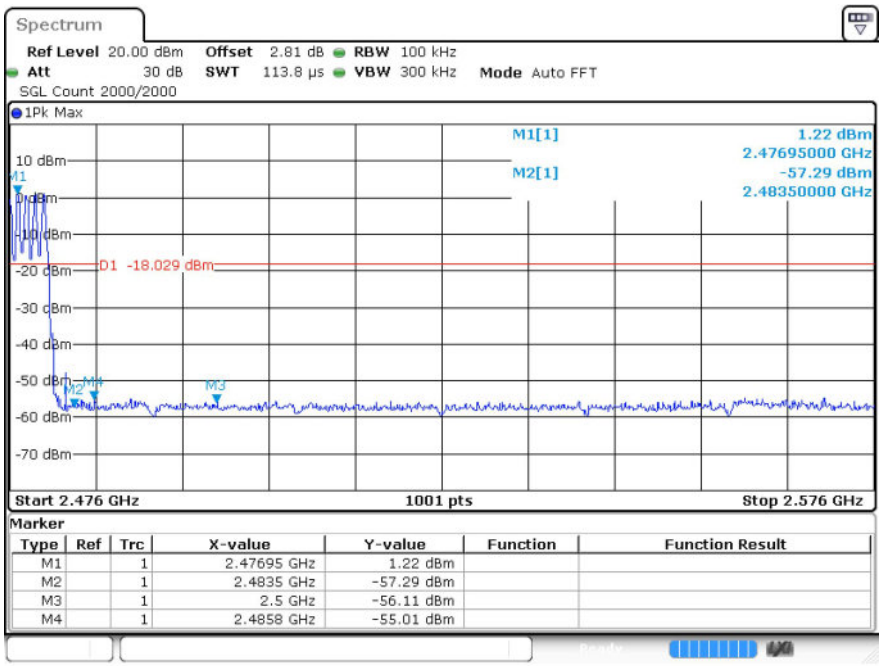
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-56.04	-20	Pass
			On	-54.79	-20	Pass
	HCH	2480	Off	-55.98	-20	Pass
			On	-56.98	-20	Pass
π/4DQPSK	LCH	2402	Off	-54.9	-20	Pass
			On	-53.07	-20	Pass
	HCH	2480	Off	-53.73	-20	Pass
			On	-48.02	-20	Pass
8DPSK	LCH	2402	Off	-55.58	-20	Pass
			On	-53.07	-20	Pass
	HCH	2480	Off	-46.92	-20	Pass
			On	-49.96	-20	Pass

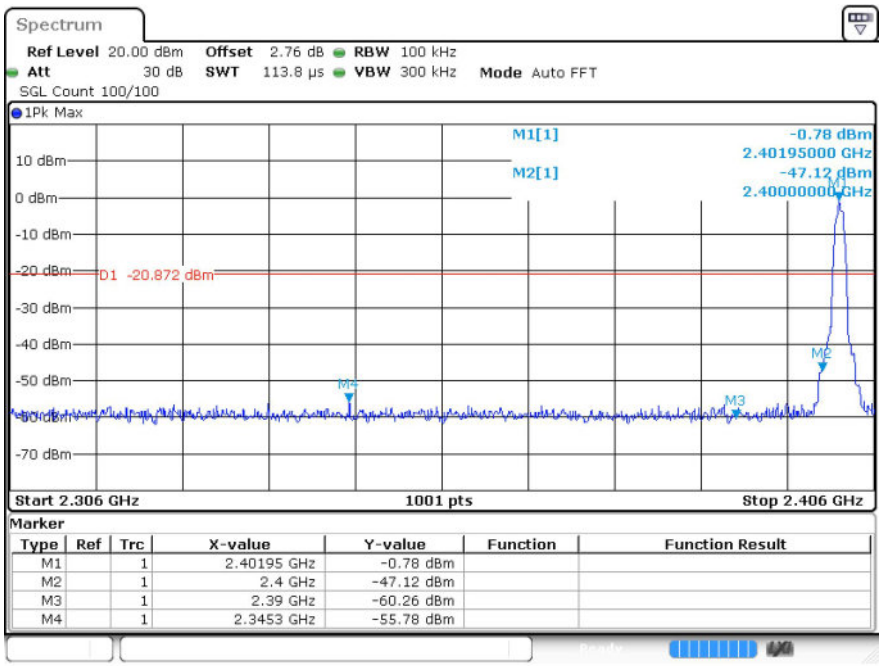
8.2 Test Graphs

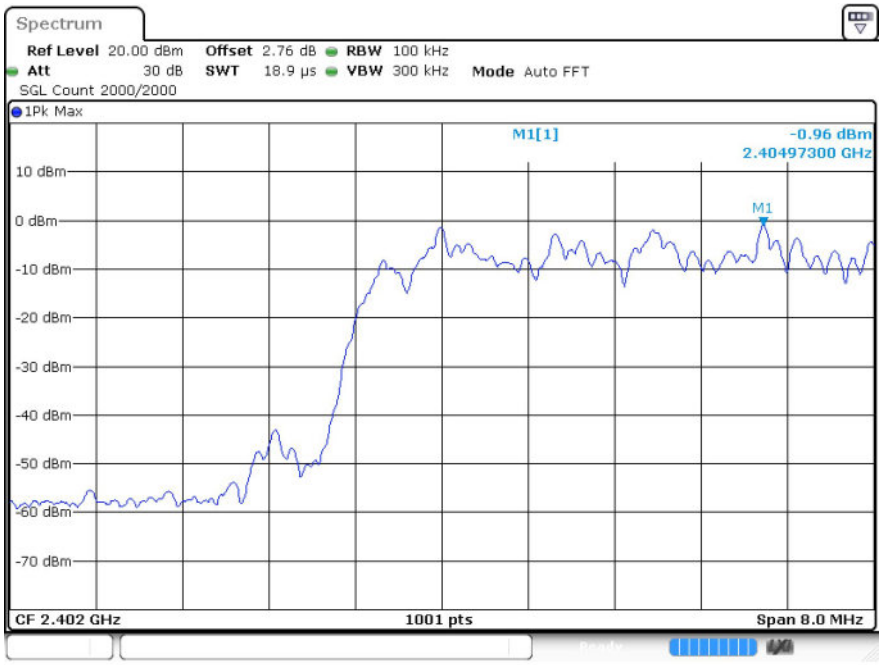
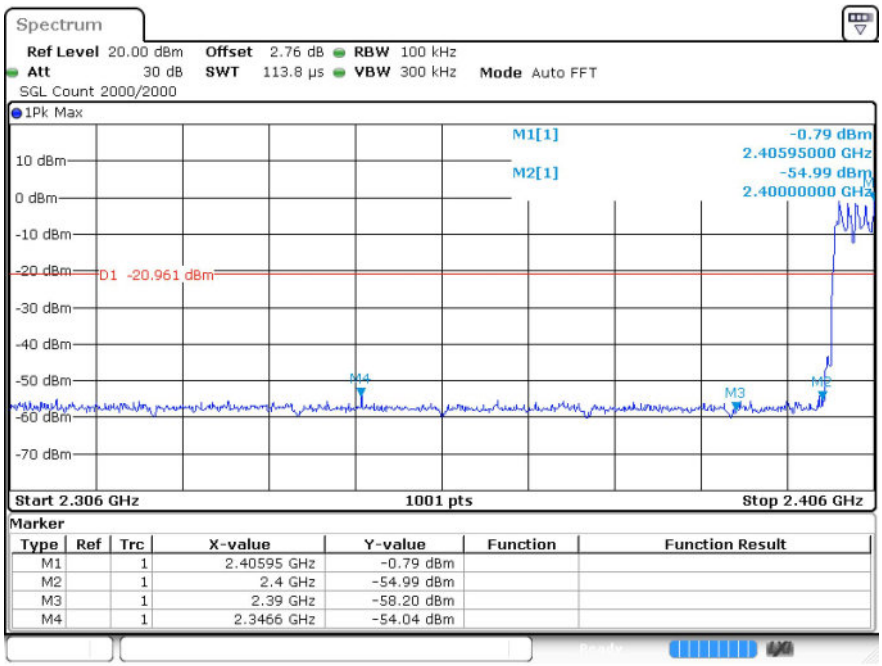
Test Graphs	
Pref	
GFSK/LCH/No Hop	

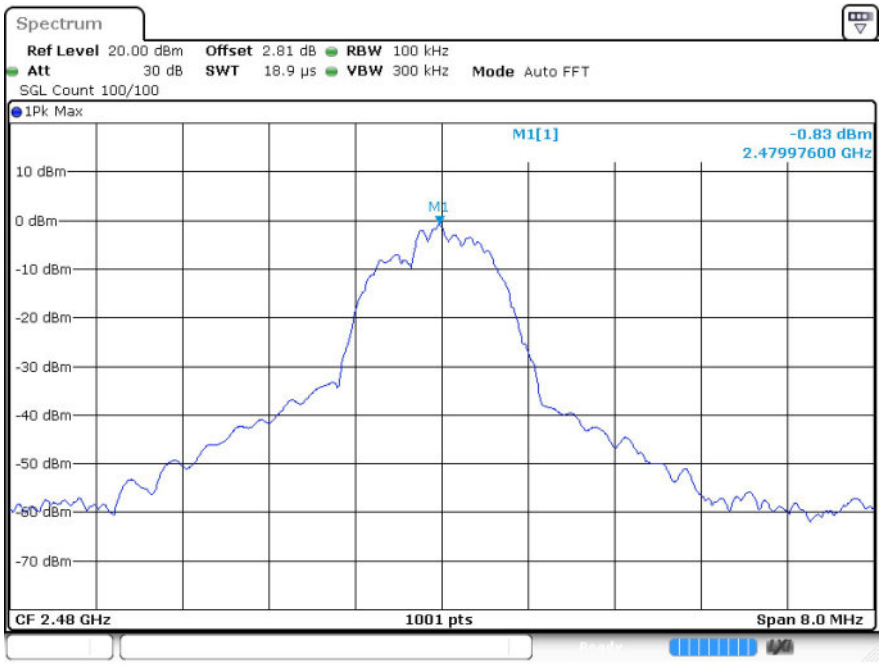
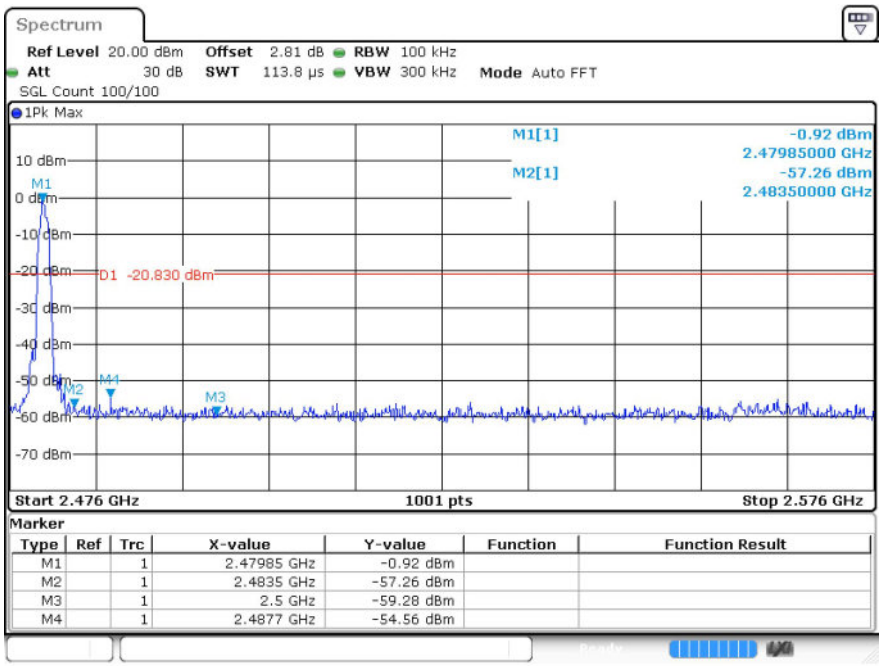
Ref	
GFSK/LCH/Hop	

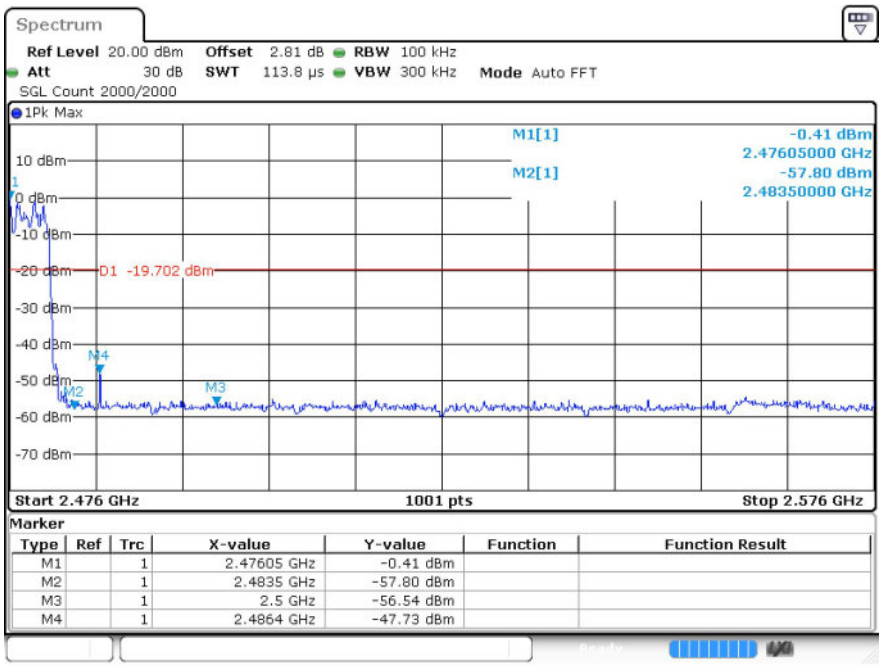
Ref	
GFSK/HCH/No Hop	

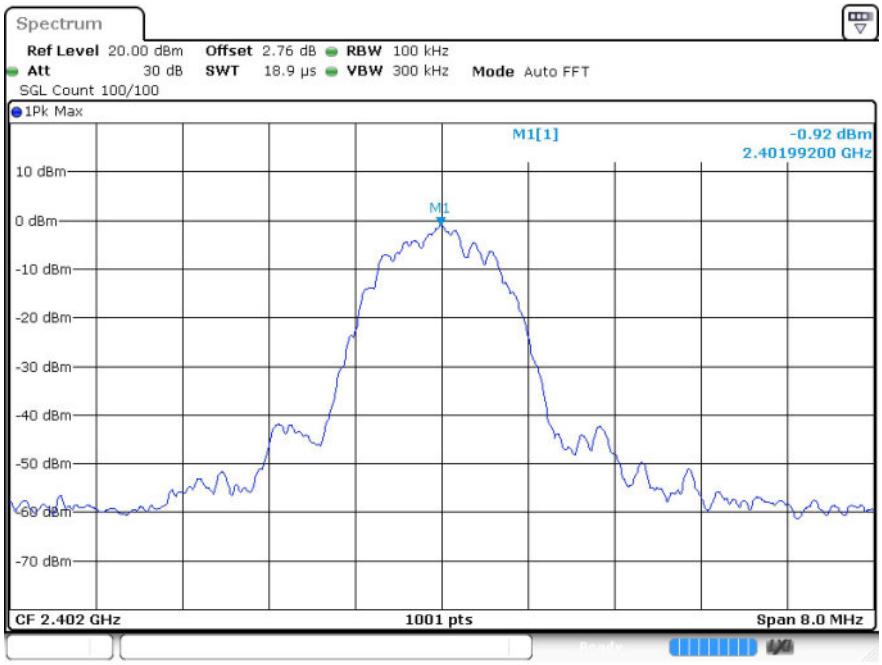
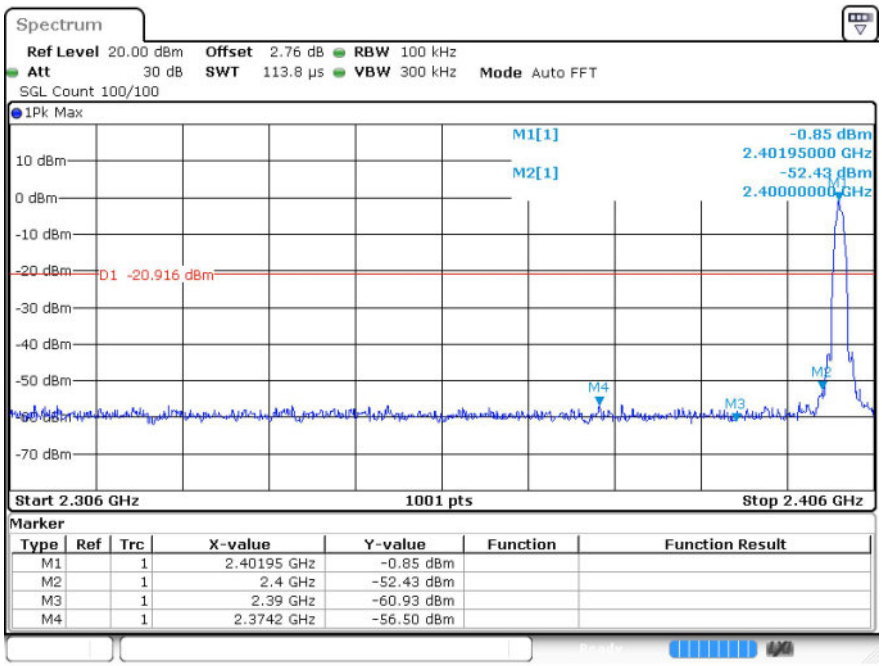
Ref.	
GFSK/HCH/Hop	

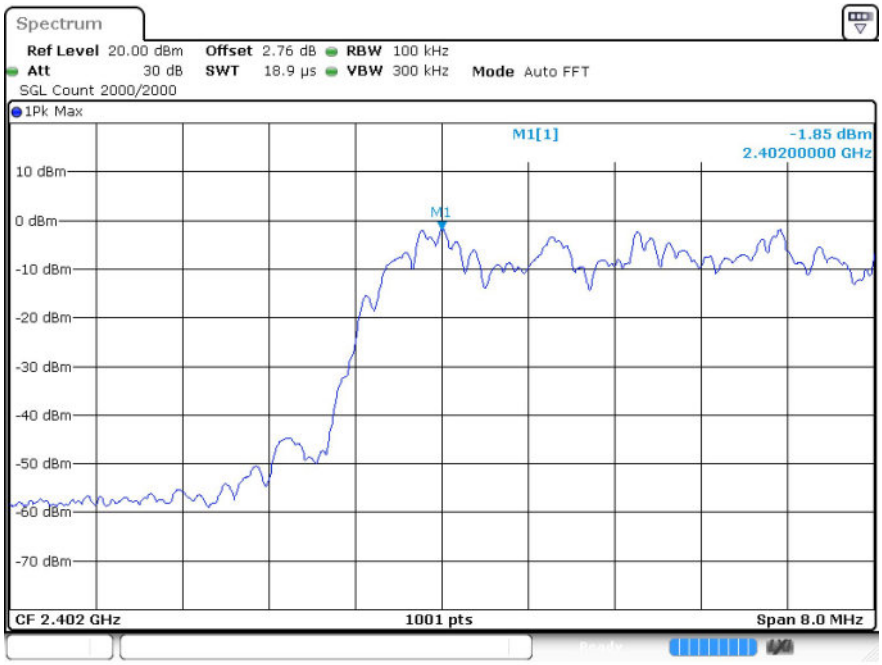
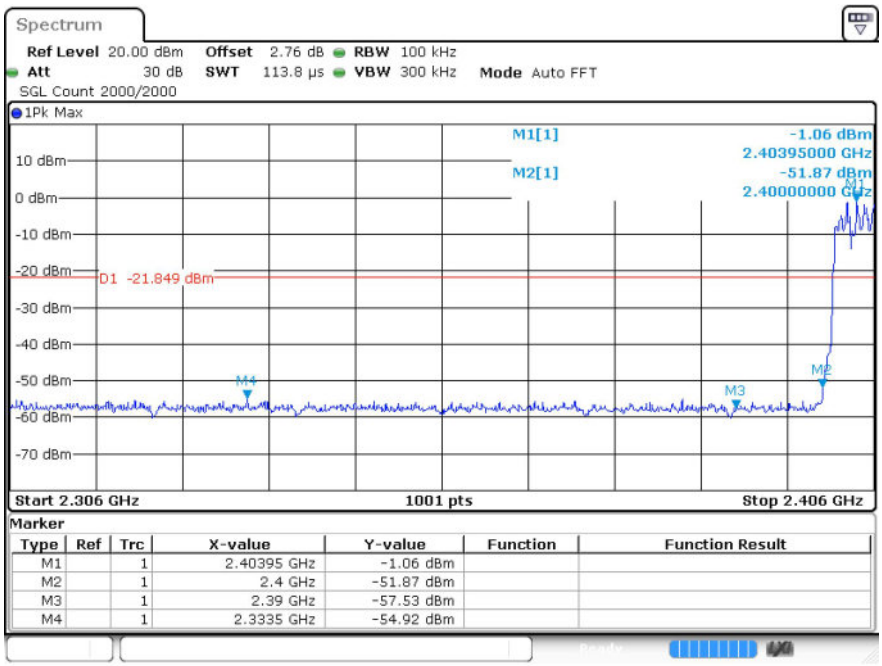
Ref	
π/4DQPSK/LCH/No Hop	

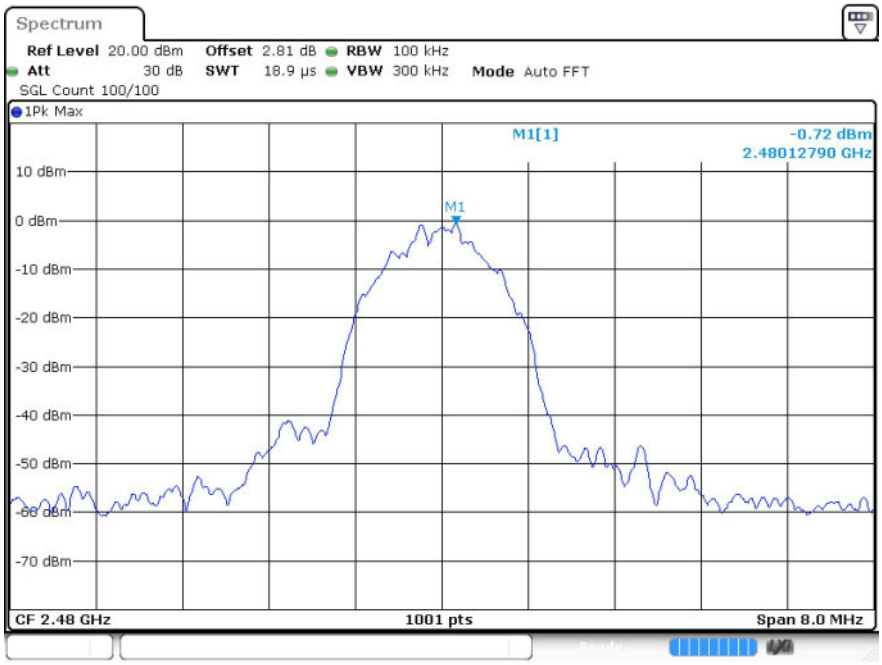
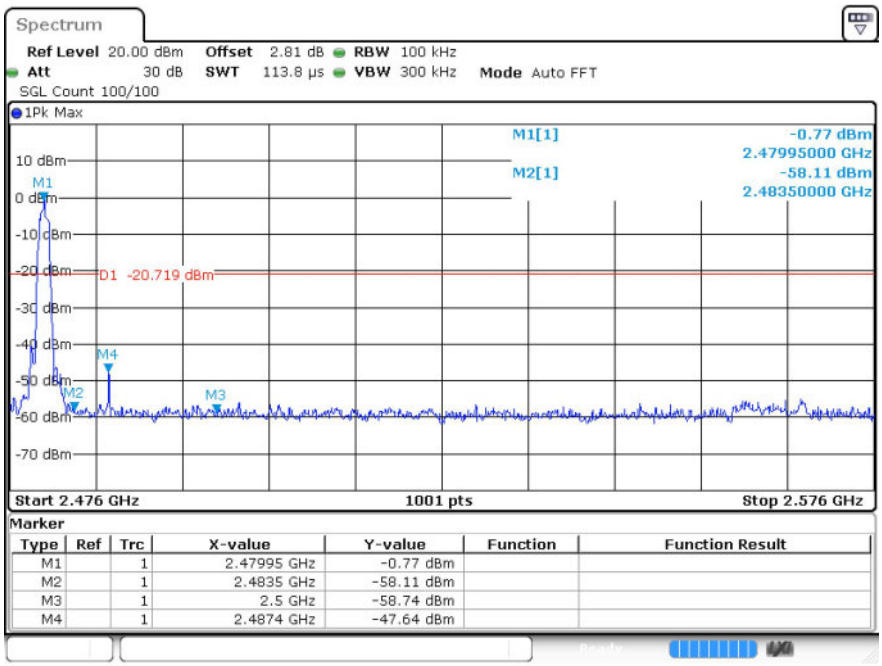
Ref	
π/4DQPSK/LCH/Hop	

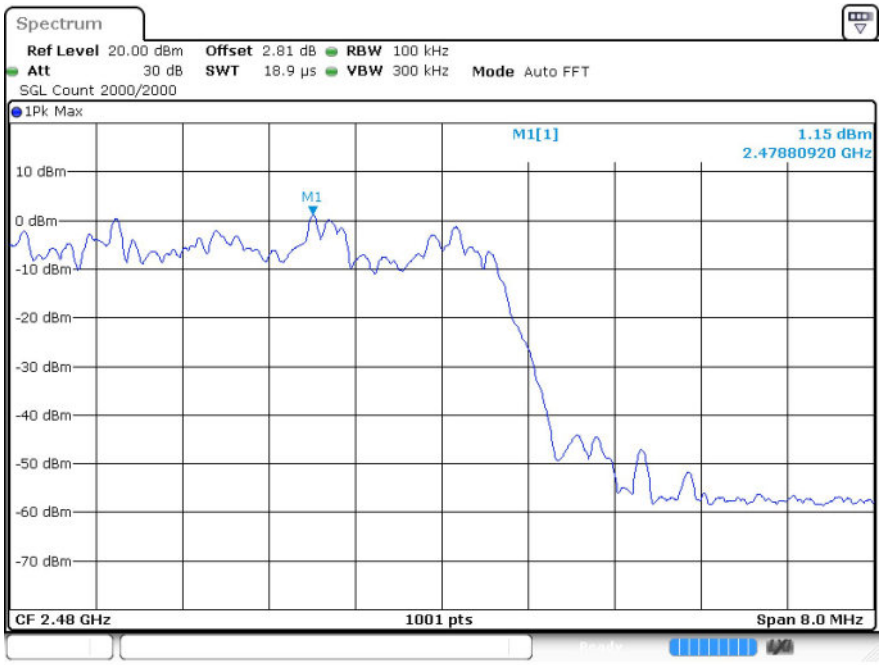
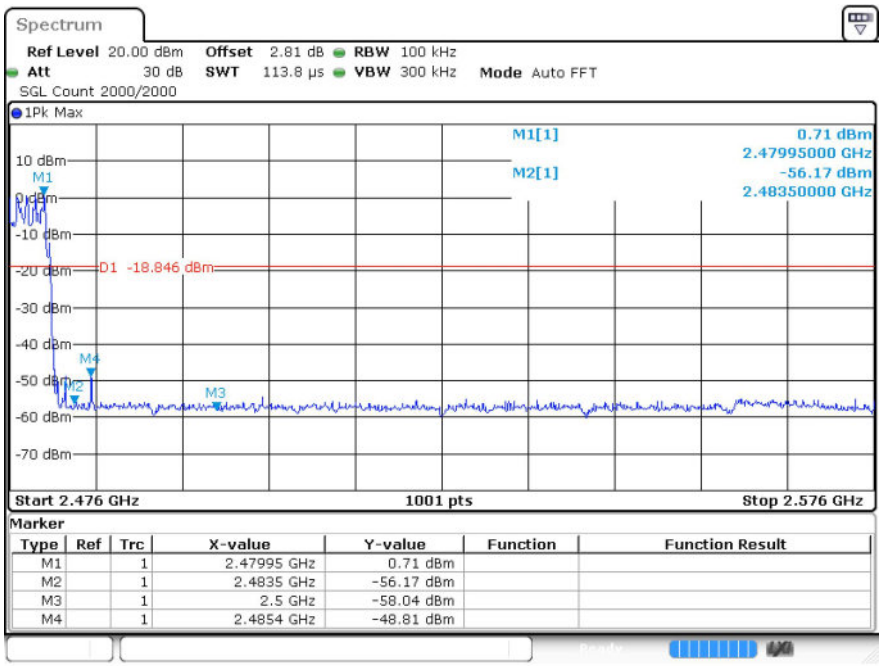
Ref	
π/4DQPSK/HCH/No Hop	

Ref	
π/4DQPSK/HCH/Hop	

Ref	
8DPSK/LCH/No Hop	

Ref	
8DPSK/LCH/Hop	

Ref	
8DPSK/HCH/No Hop	

Ref	
8DPSK/HCH/Hop	

9 Restrict-band band-edge measurements

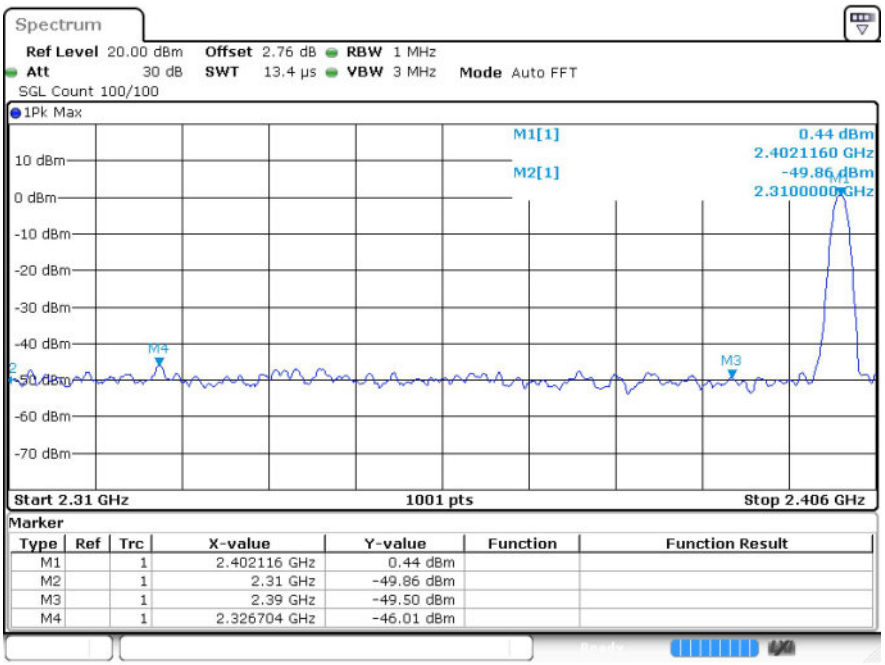
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-49.86	2	-	47.4	PEAK	74	Pass
	Off	2310.0	-58	2	4.95	44.21	AV	54	Pass
	Off	2326.704	-46	2	-	51.26	PEAK	74	Pass
	Off	2339.568	-54.46	2	4.95	47.75	AV	54	Pass
	Off	2390.0	-49.5	2	-	47.76	PEAK	74	Pass
	Off	2390.0	-56.83	2	4.95	45.38	AV	54	Pass
	Off	2483.5	-48.18	2	-	49.08	PEAK	74	Pass
	Off	2483.5	-56.43	2	5.06	45.89	AV	54	Pass
	Off	2493.016	-47.17	2	-	50.09	PEAK	74	Pass
	Off	2497.336	-55.6	2	5.06	46.72	AV	54	Pass
	Off	2500.0	-48.89	2	-	48.37	PEAK	74	Pass
	Off	2500.0	-56.73	2	5.06	45.59	AV	54	Pass
π/4DQPSK	Off	2310.0	-51.7	2	-	45.56	PEAK	74	Pass
	Off	2310.0	-57.02	2	4.94	45.18	AV	54	Pass
	Off	2339.568	-46.55	2	-	50.71	PEAK	74	Pass
	Off	2337.936	-54.45	2	4.94	47.75	AV	54	Pass
	Off	2390.0	-50.01	2	-	47.25	PEAK	74	Pass
	Off	2390.0	-56.72	2	4.94	45.48	AV	54	Pass
	Off	2483.5	-48.32	2	-	48.94	PEAK	74	Pass
	Off	2483.5	-55.95	2	4.95	46.26	AV	54	Pass
	Off	2483.824	-47.6	2	-	49.66	PEAK	74	Pass
	Off	2487.496	-55.27	2	4.95	46.94	AV	54	Pass
	Off	2500.0	-50.81	2	-	46.45	PEAK	74	Pass
	Off	2500.0	-56.41	2	4.95	45.8	AV	54	Pass
8DPSK	Off	2310.0	-48.97	2	-	48.29	PEAK	74	Pass
	Off	2310.0	-56.52	2	4.95	45.69	AV	54	Pass
	Off	2341.488	-46.83	2	-	50.43	PEAK	74	Pass
	Off	2339.472	-54.88	2	4.95	47.33	AV	54	Pass

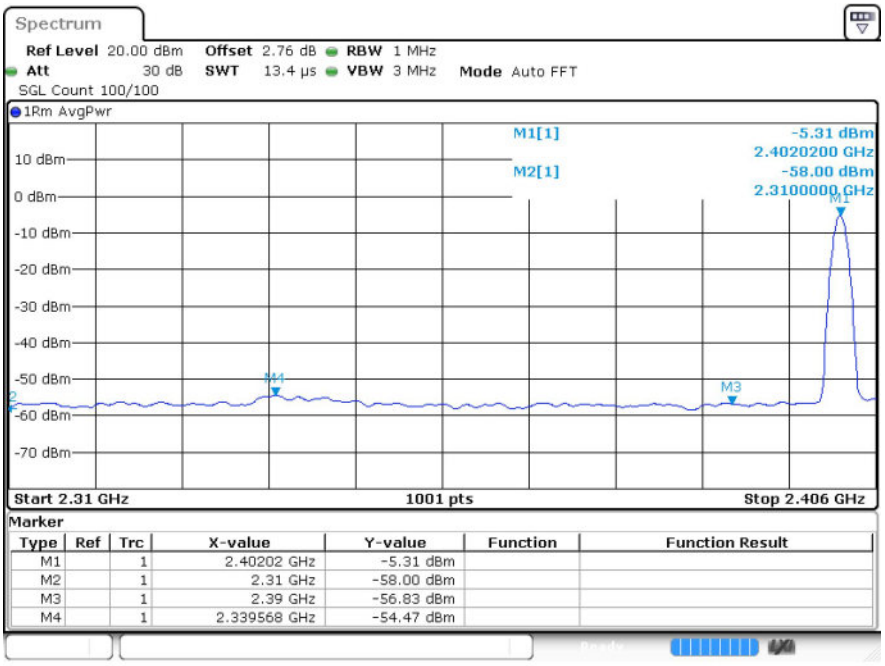
	Off	2390.0	-50.78	2	-	46.48	PEAK	74	Pass
	Off	2390.0	-56.84	2	4.95	45.37	AV	54	Pass
	Off	2483.5	-50.3	2	-	46.96	PEAK	74	Pass
	Off	2483.5	-56.79	2	4.95	45.42	AV	54	Pass
	Off	2491.36	-47.79	2	-	49.47	PEAK	74	Pass
	Off	2487.4	-55.48	2	4.95	46.73	AV	54	Pass
	Off	2500.0	-48.49	2	-	48.77	PEAK	74	Pass
	Off	2500.0	-56.3	2	4.95	45.91	AV	54	Pass

9.2 Test Graphs

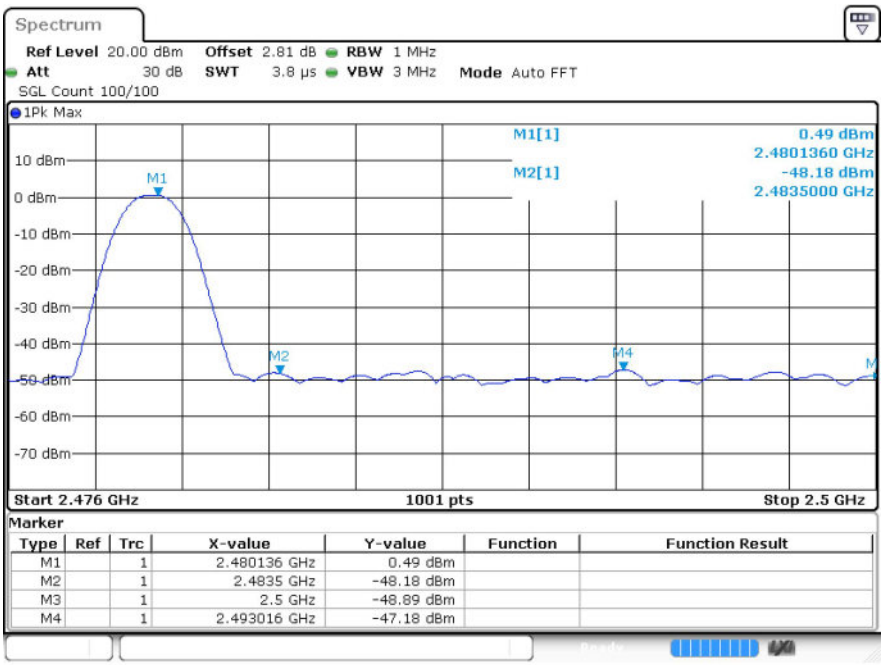
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



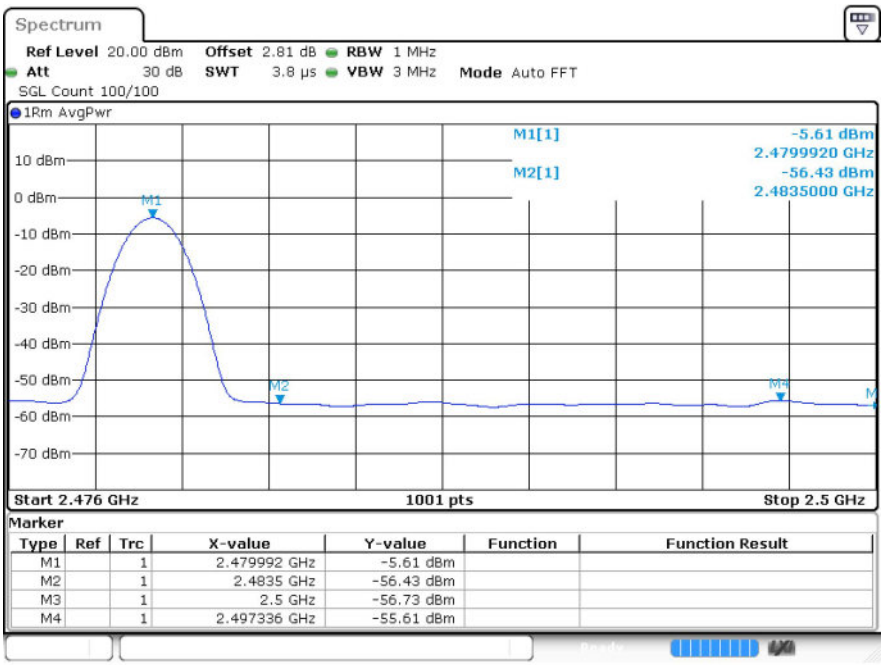
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



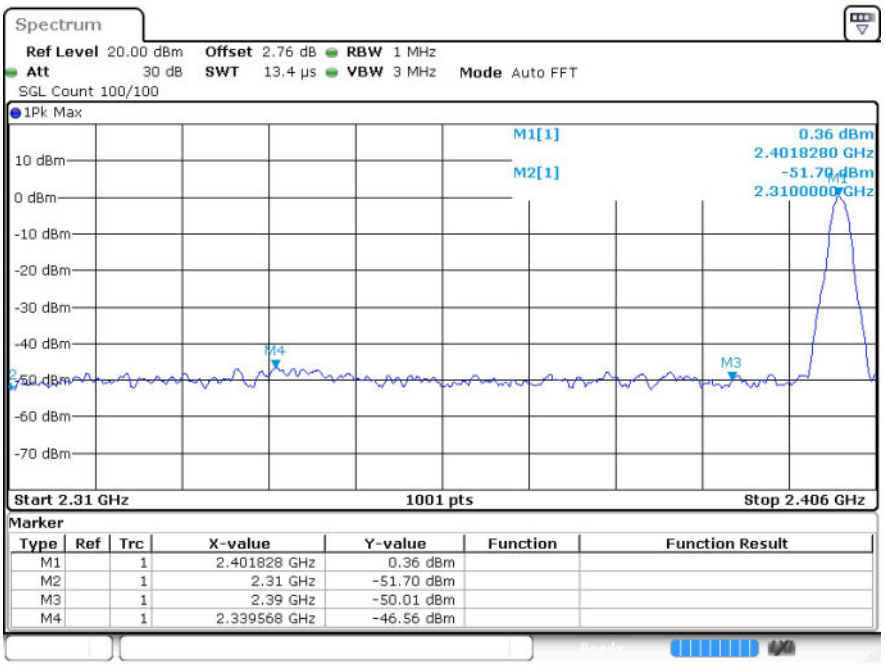
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



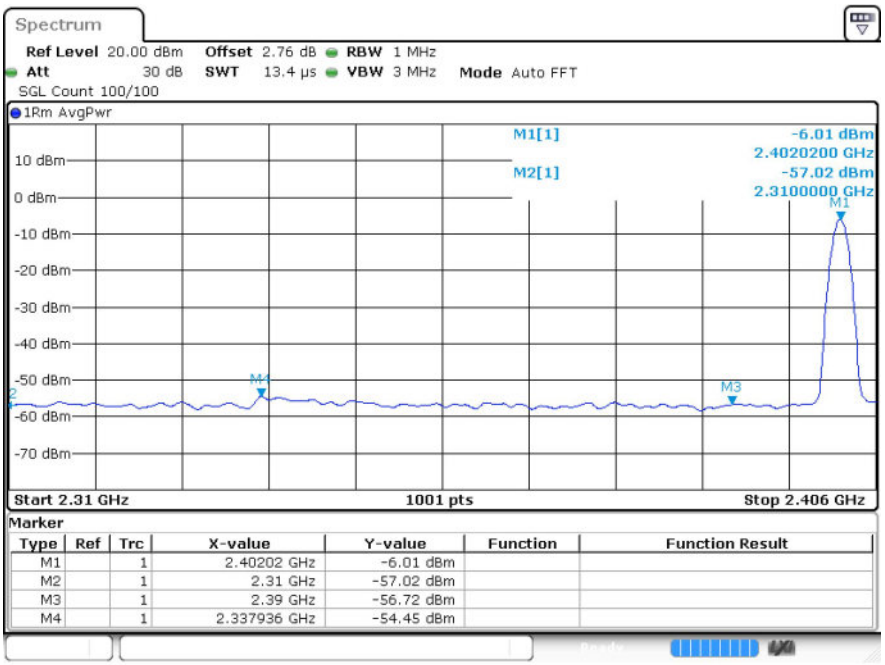
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



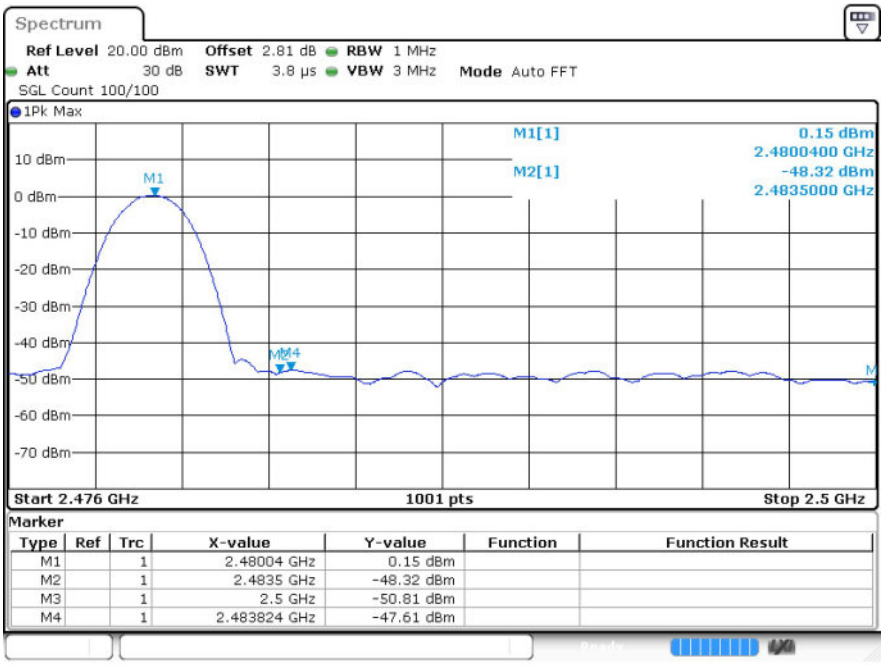
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



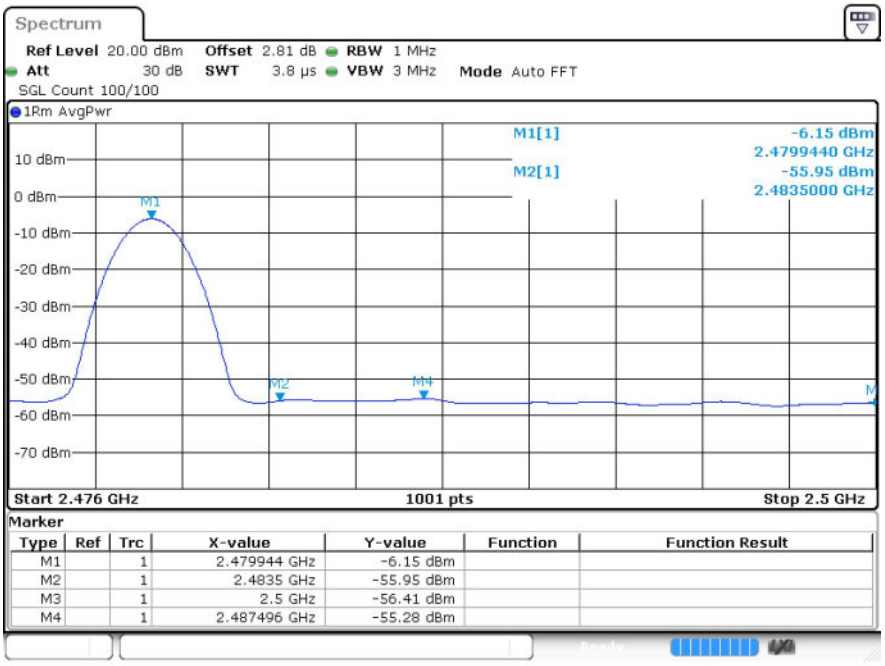
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



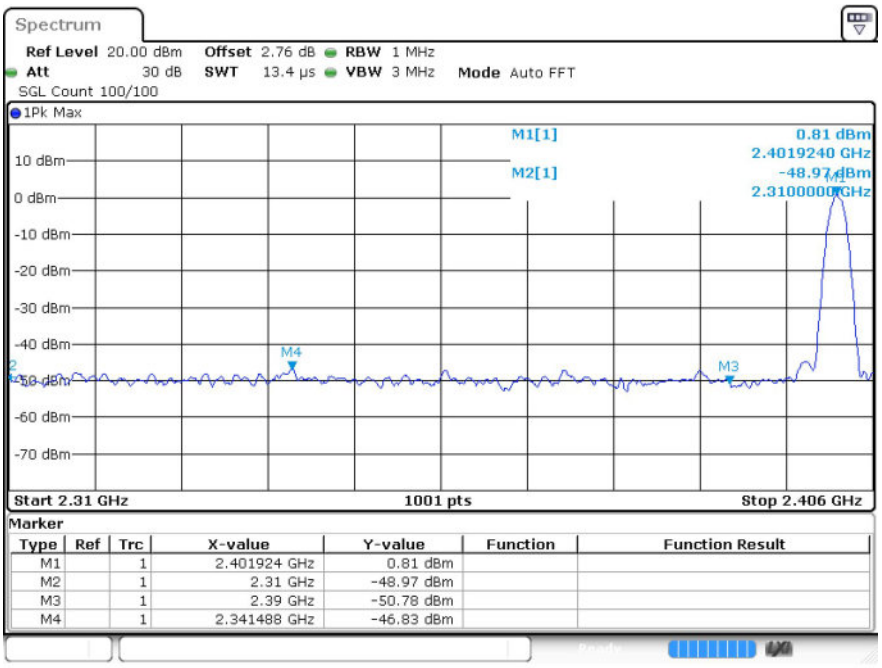
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



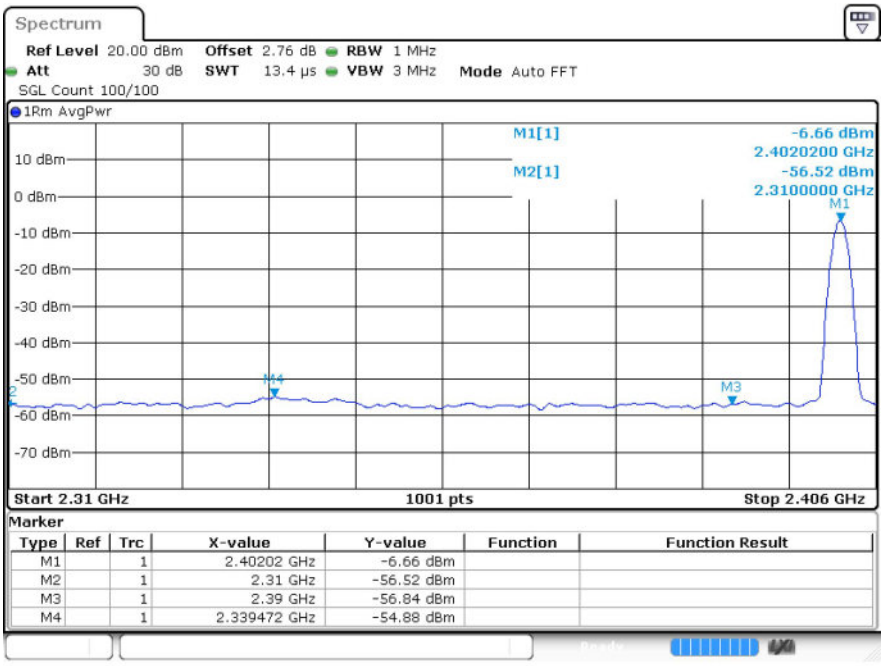
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



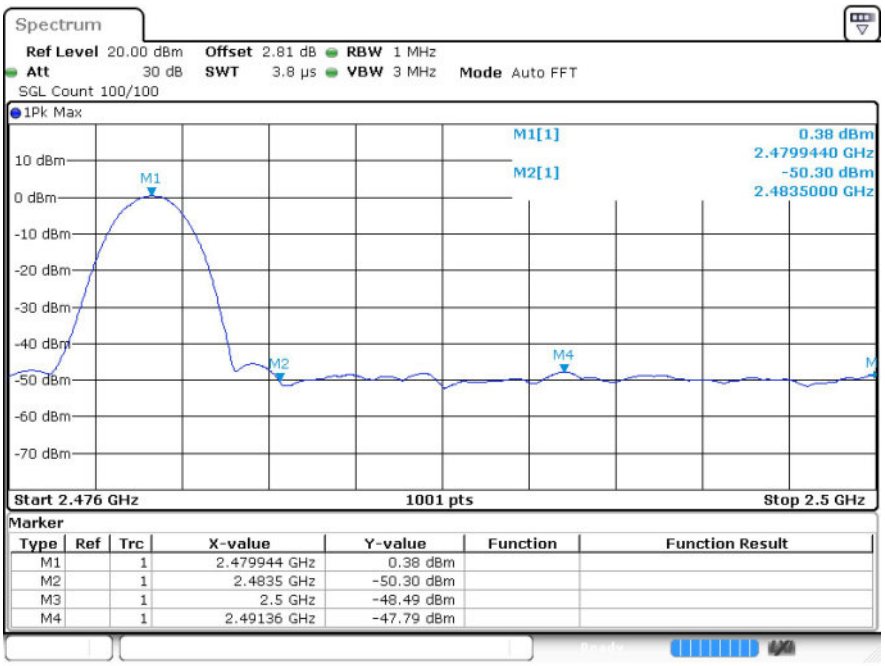
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



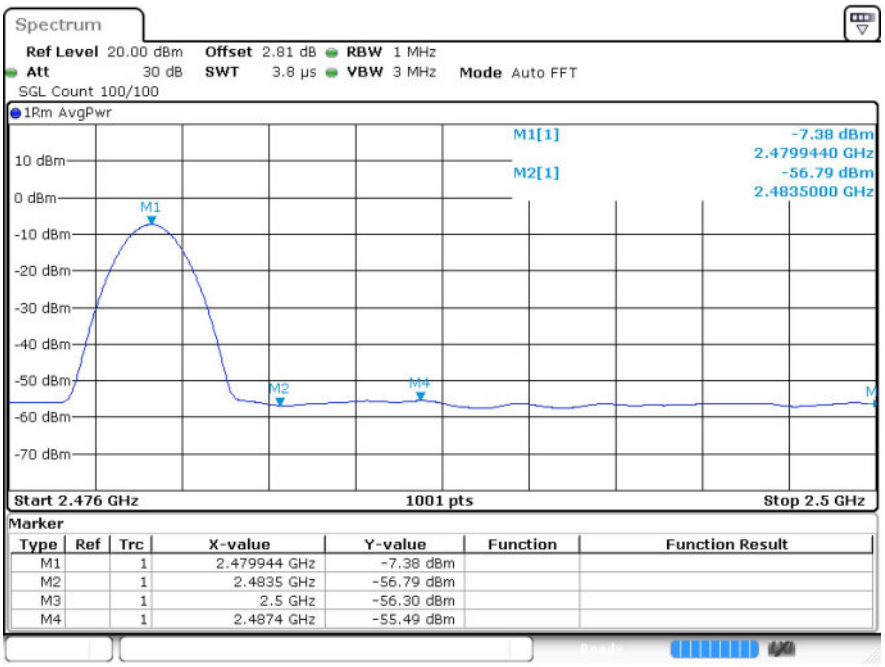
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---