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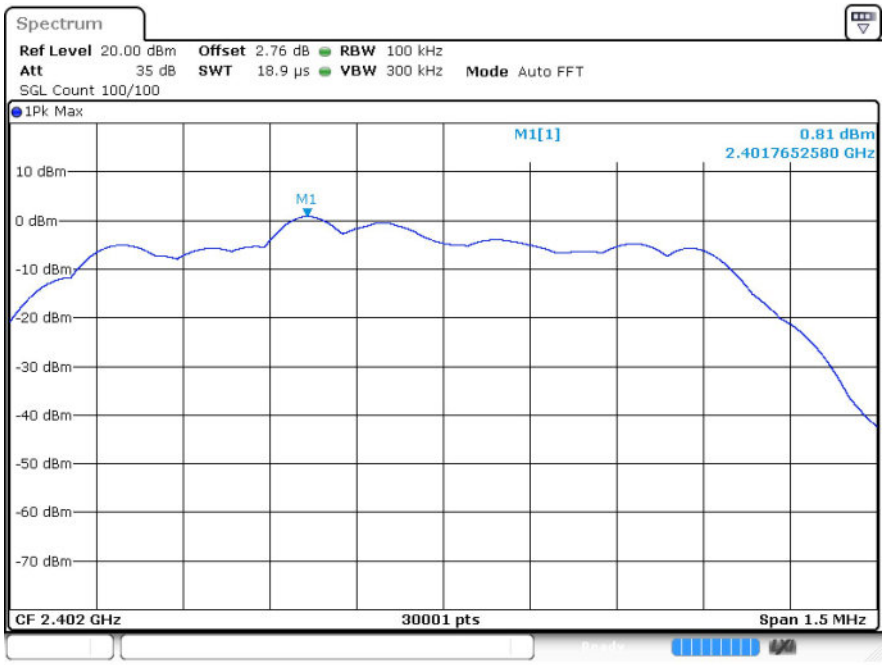
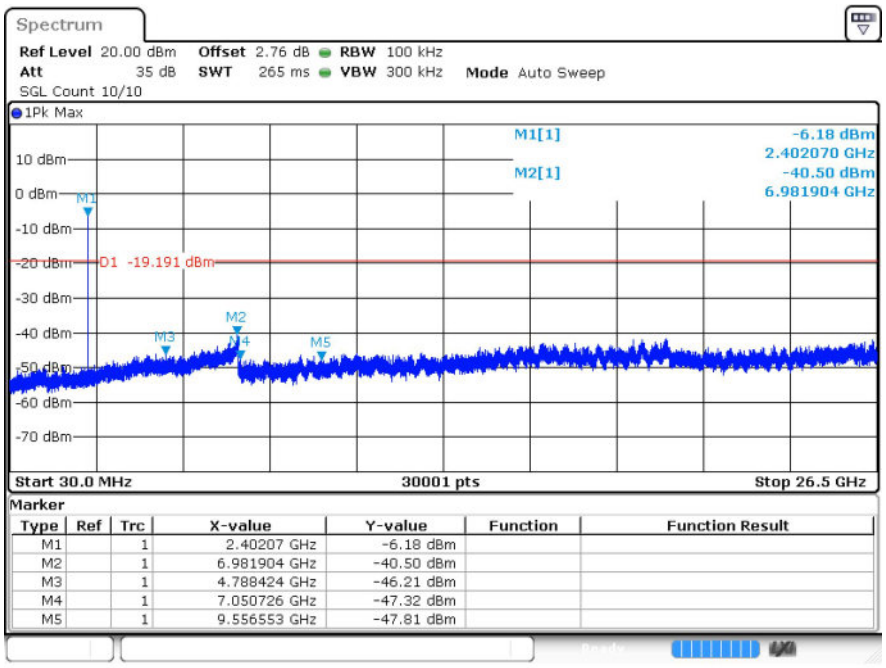
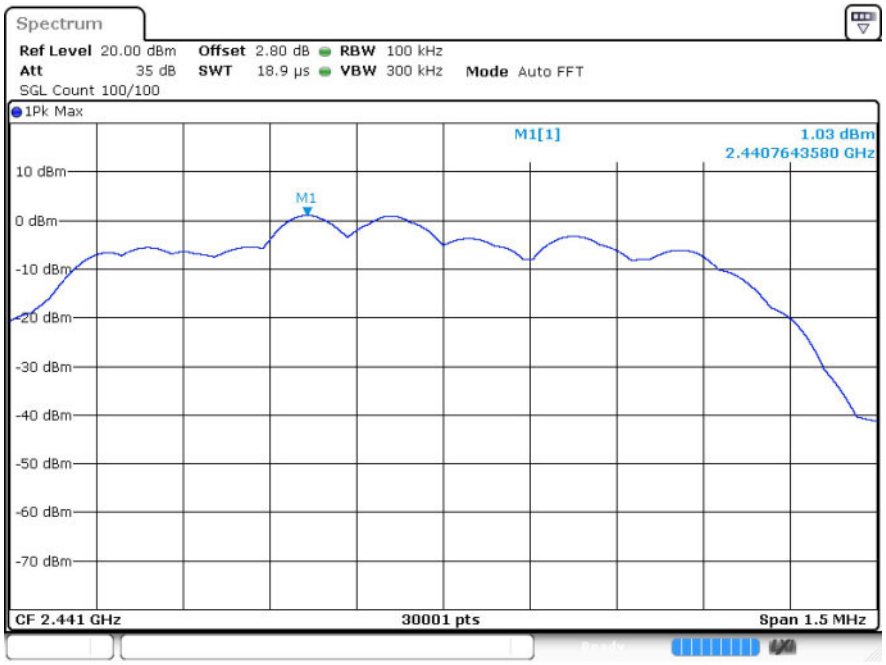
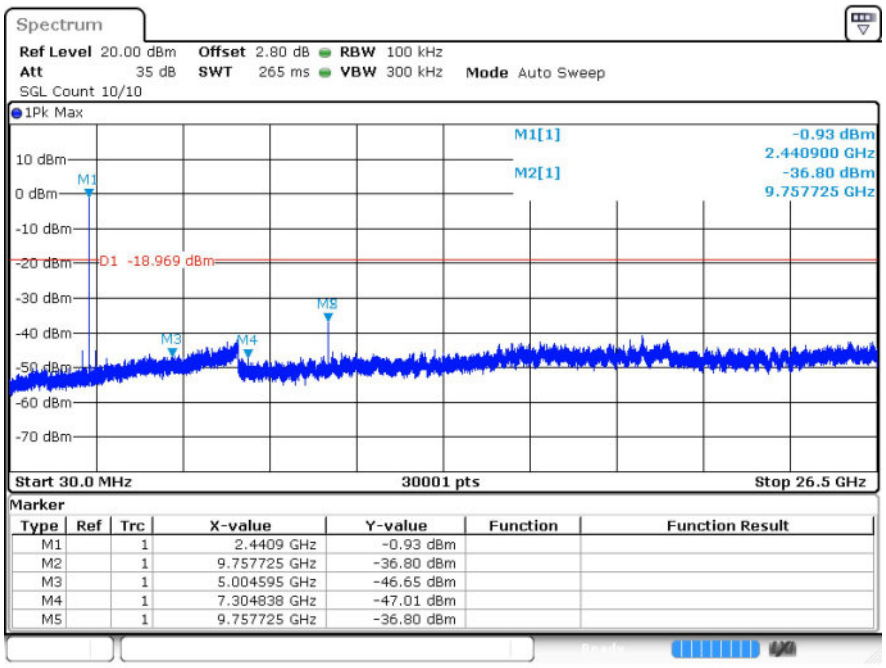
Pref	
Puw	

π/4DQPSK_MCH_Graphs	
Pref	
Puw	

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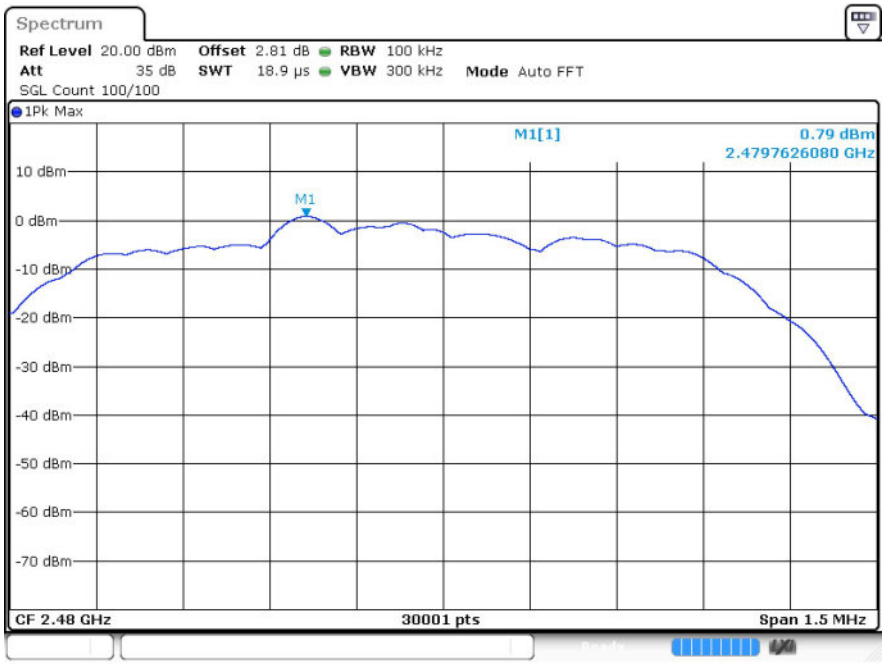
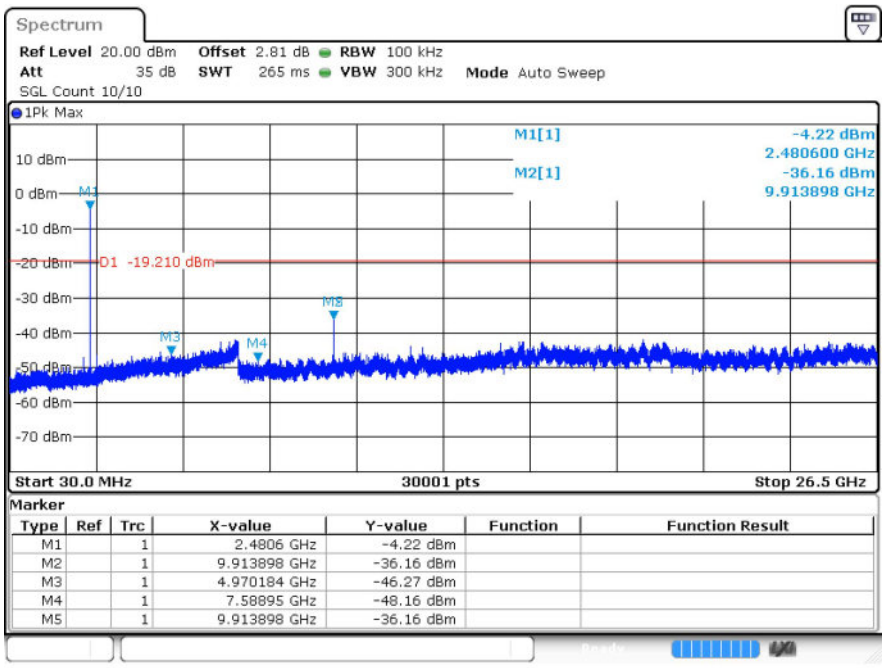
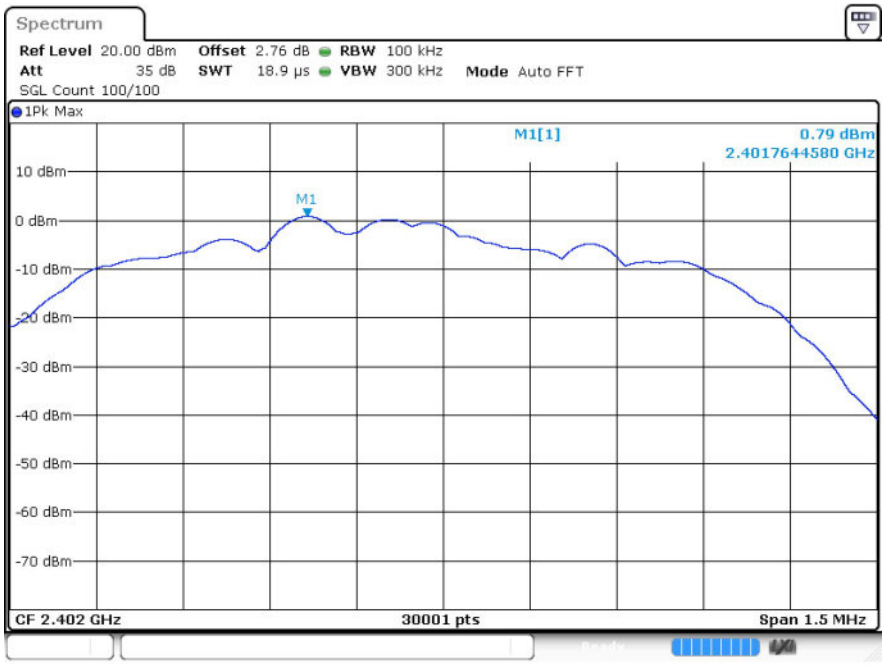
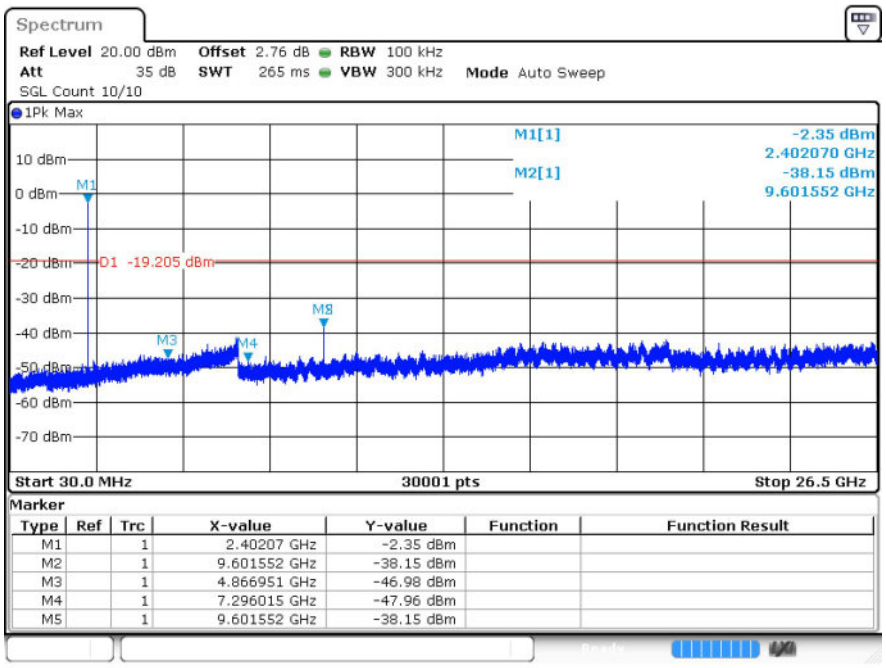
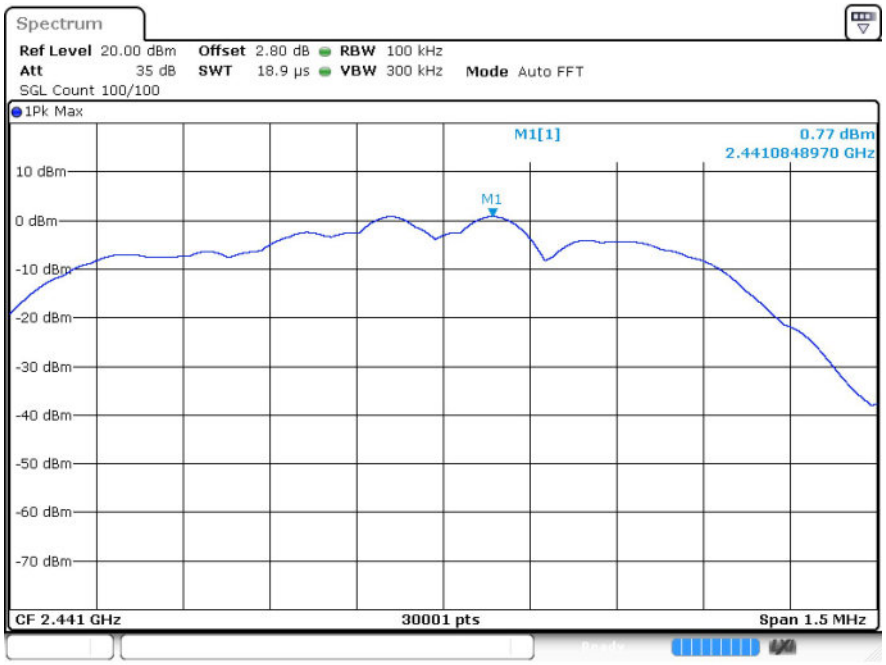
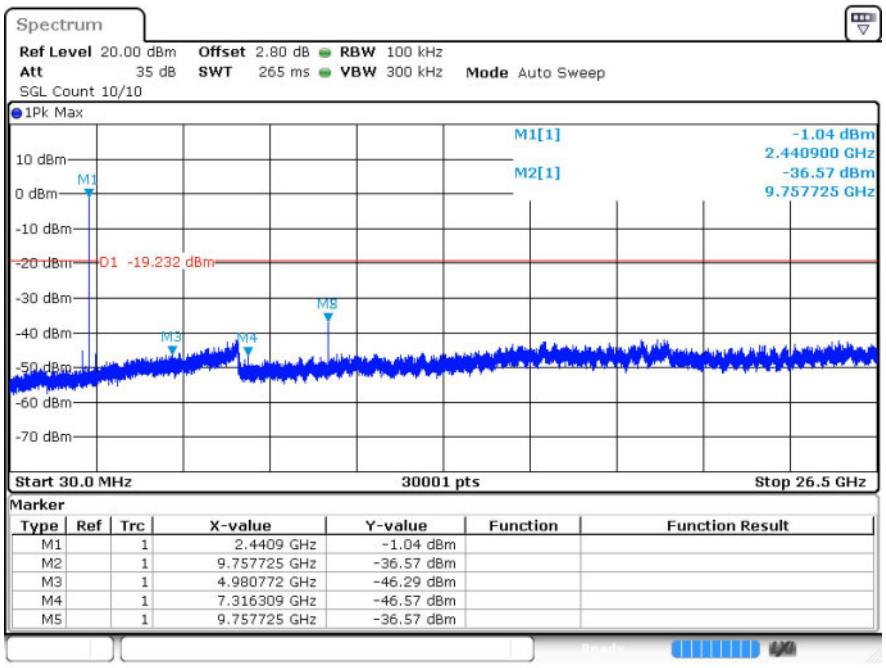
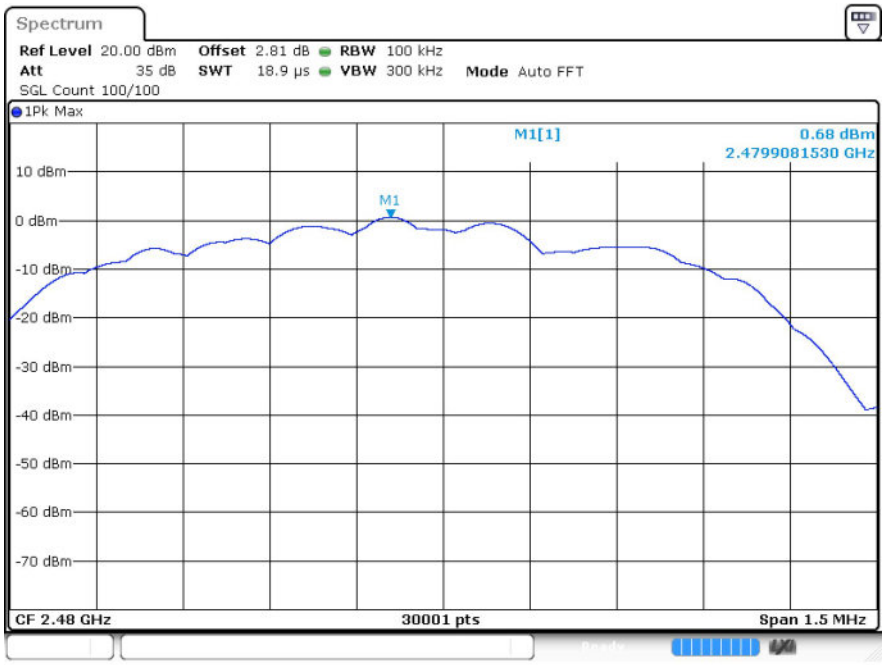
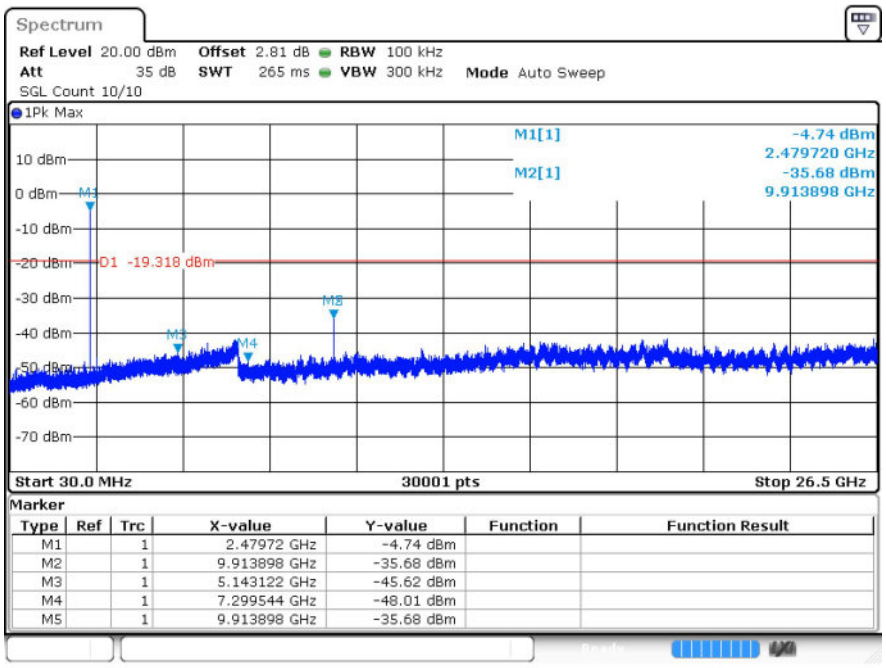
Pref	
Puw	

8DPSK_LCH_Graphs	
Pref	
Puw	

8DPSK_MCH_Graphs	
Pref	
Puw	

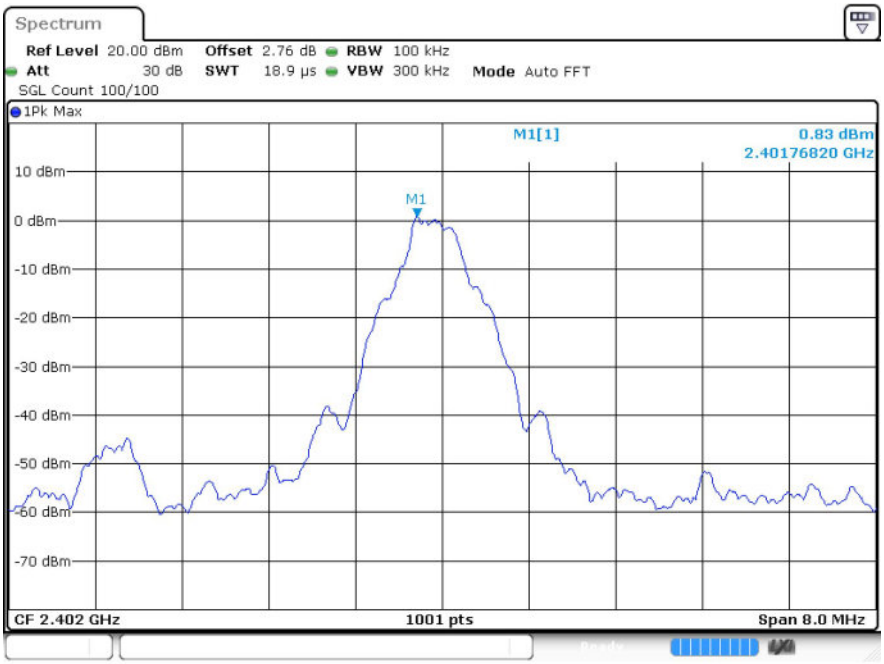
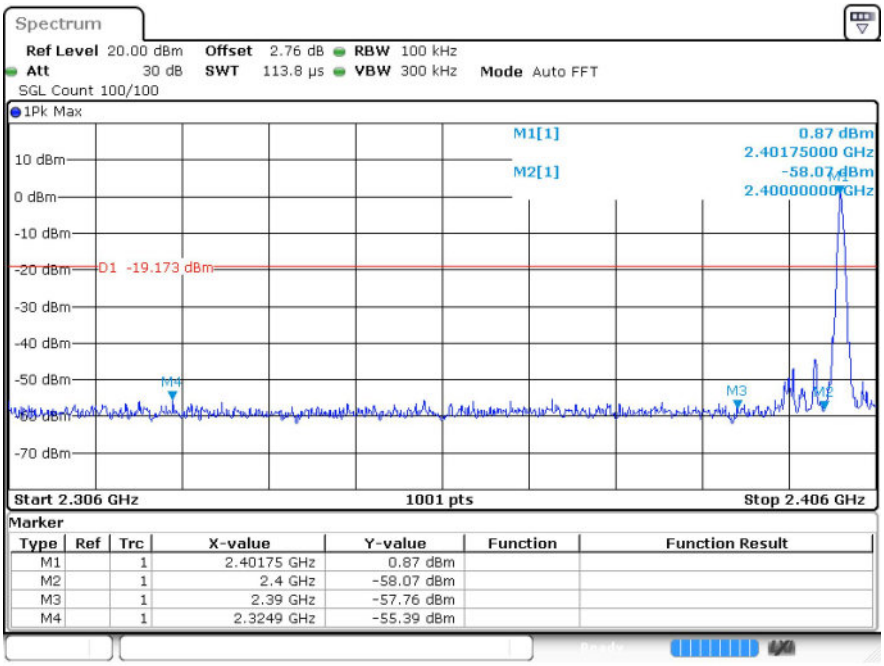
8DPSK_HCH_Graphs	
Pref	
Puw	

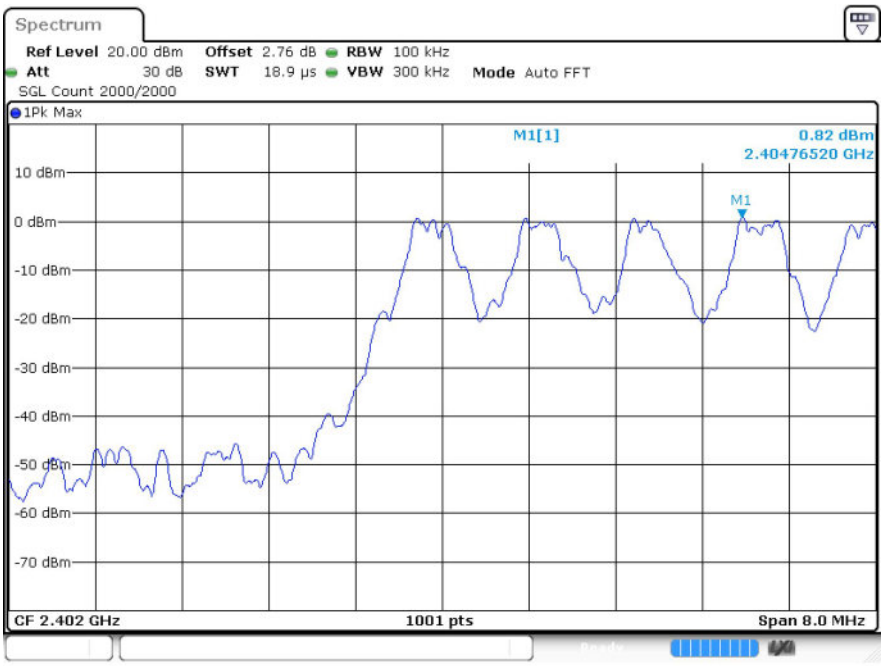
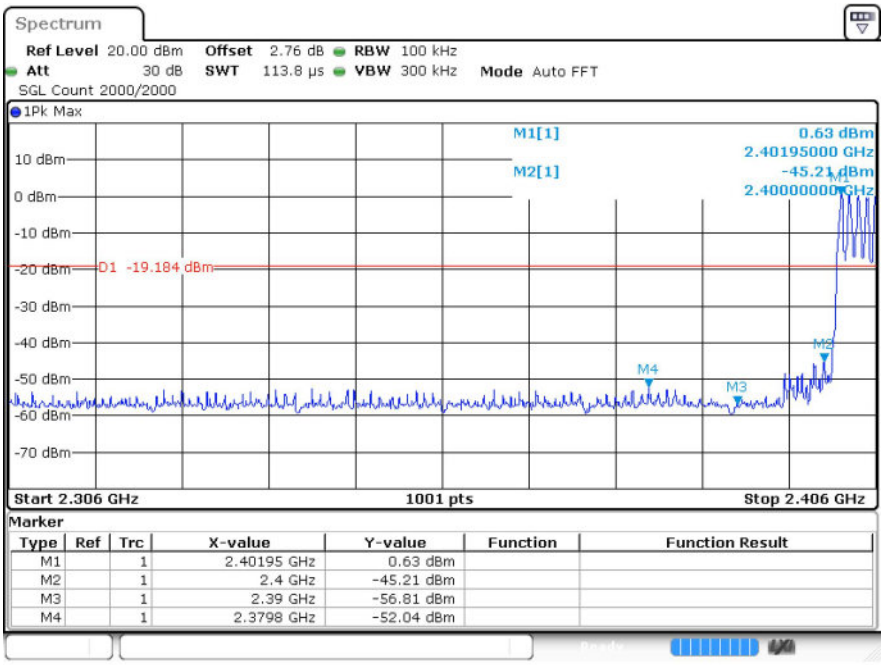
8 Band-edge for RF Conducted Emissions

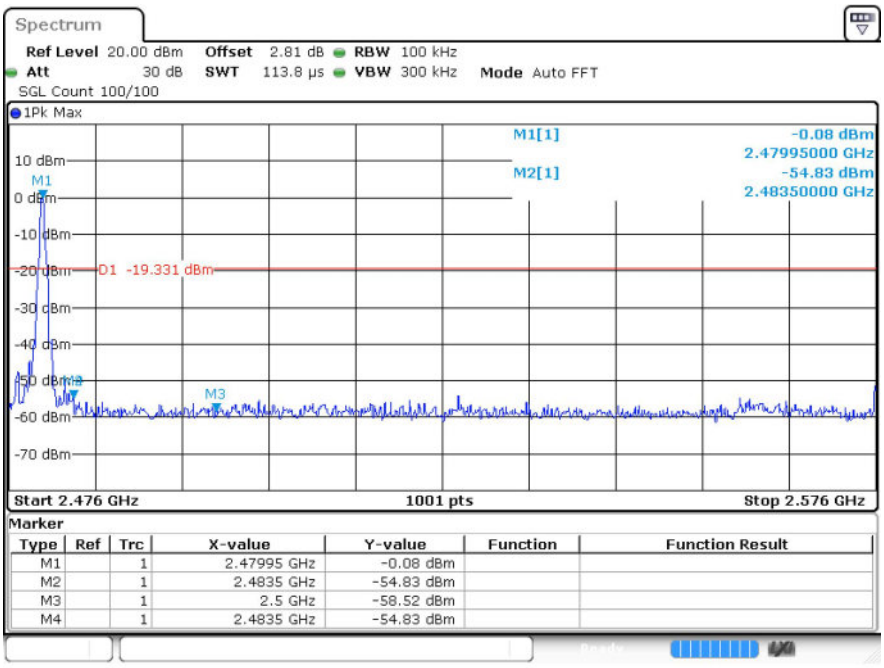
8.1 Test Result

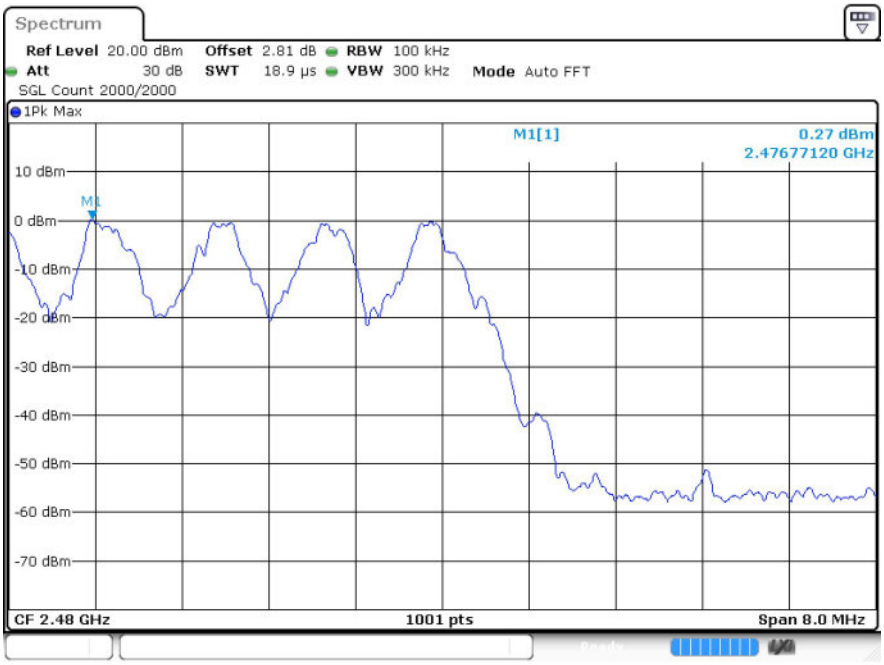
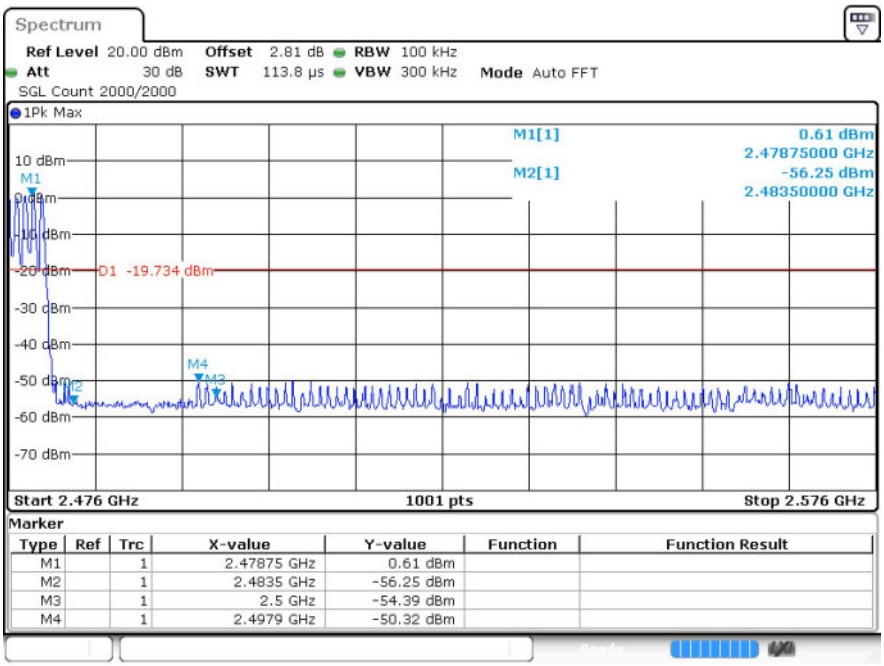
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-56.21	-20	Pass
			On	-52.85	-20	Pass
	HCH	2480	Off	-55.49	-20	Pass
			On	-50.59	-20	Pass
π/4DQPSK	LCH	2402	Off	-56.87	-20	Pass
			On	-52.87	-20	Pass
	HCH	2480	Off	-56.18	-20	Pass
			On	-52.38	-20	Pass
8DPSK	LCH	2402	Off	-55.84	-20	Pass
			On	-53.38	-20	Pass
	HCH	2480	Off	-56.01	-20	Pass
			On	-52.25	-20	Pass

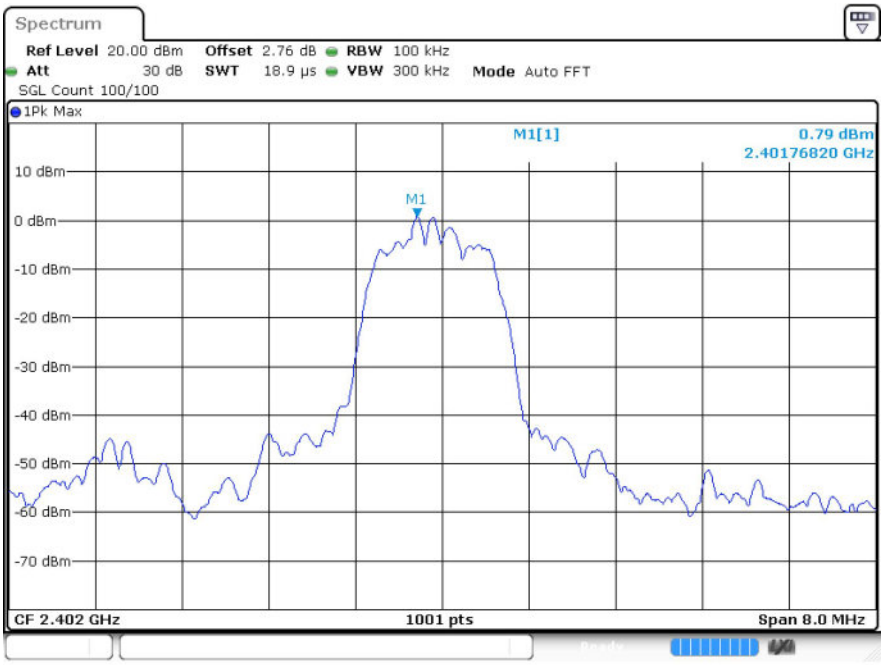
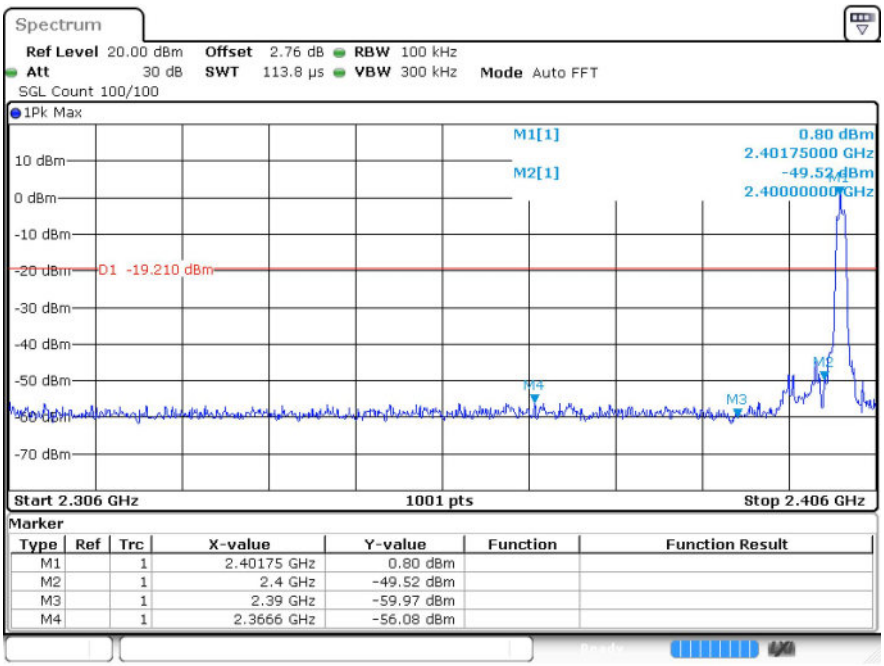
8.2 Test Graphs

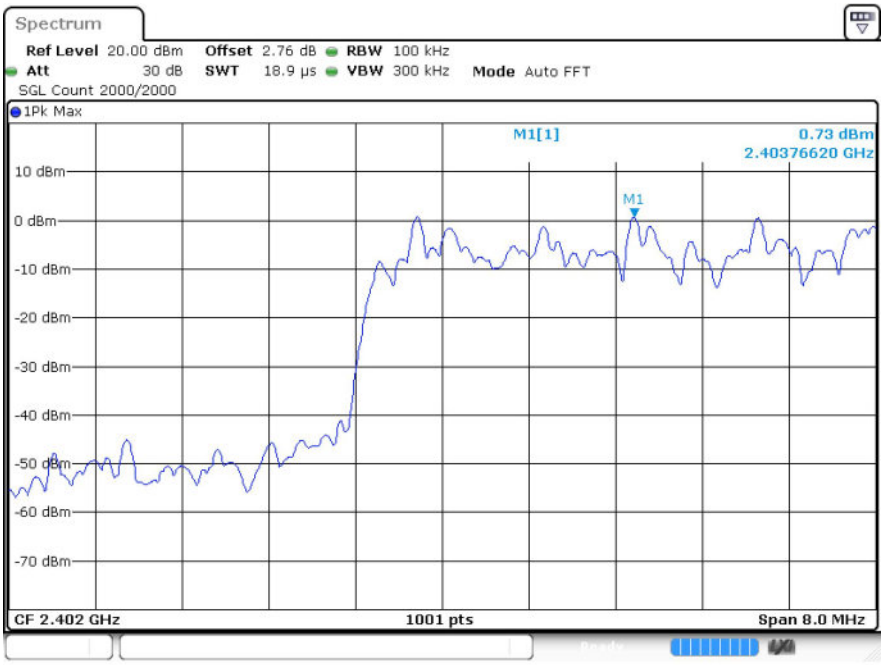
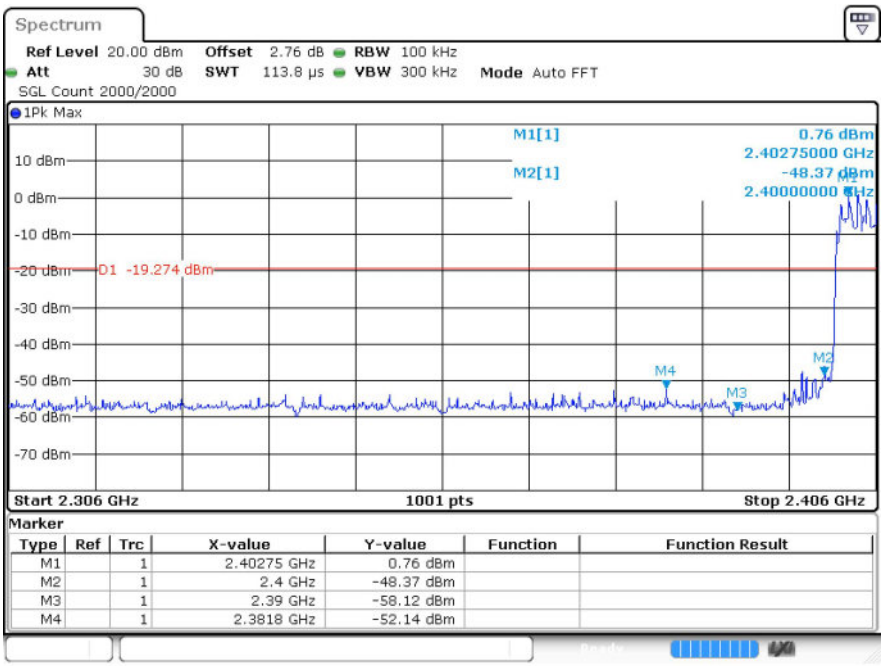
Test Graphs	
Pref	
GFSK/LCH/No Hop	

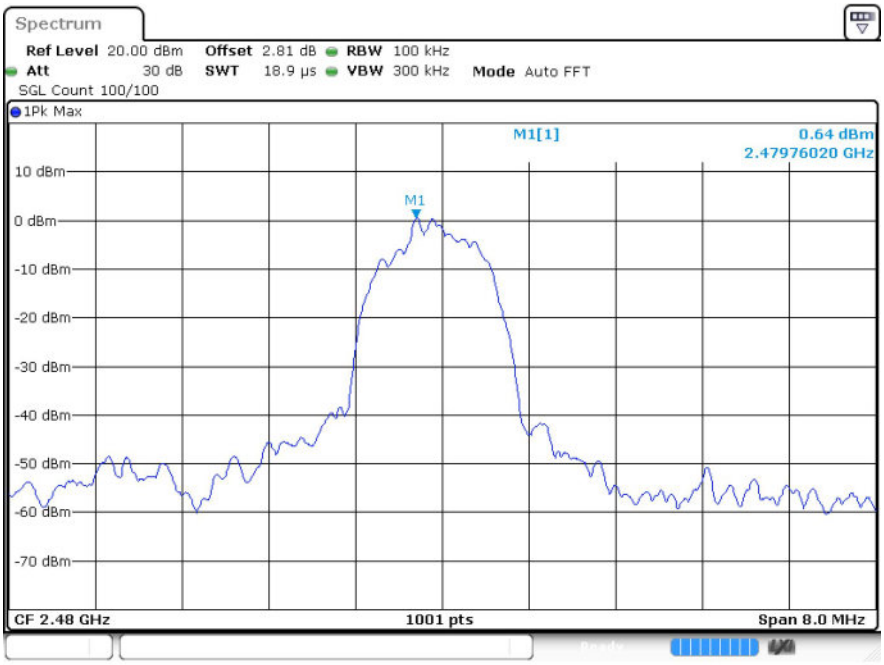
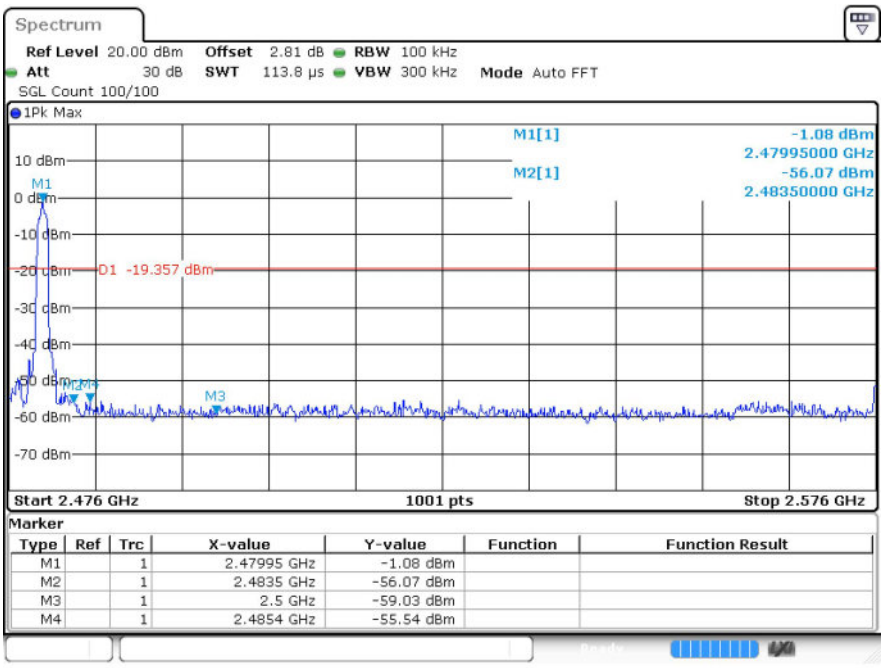
Ref	
GFSK/LCH/Hop	

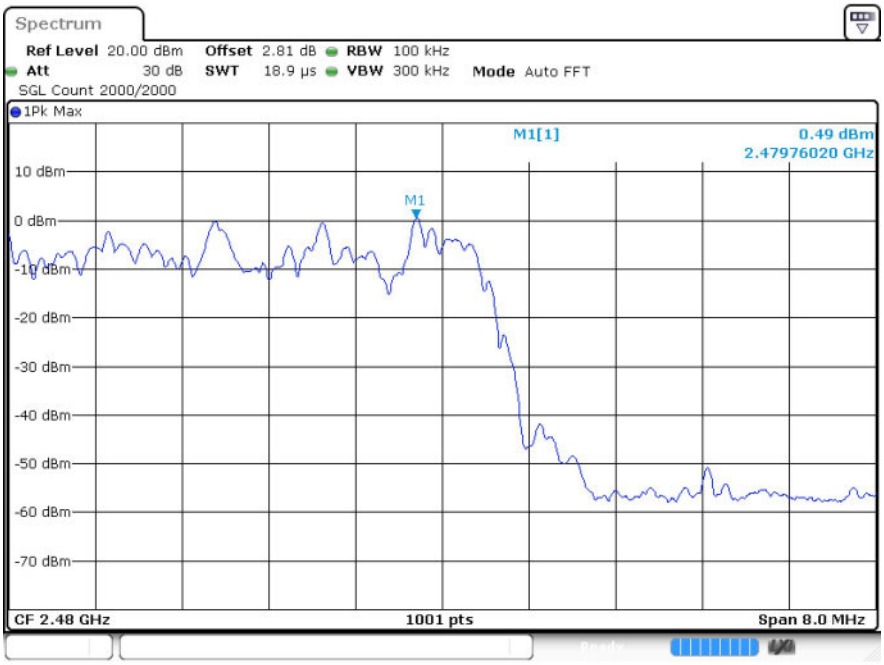
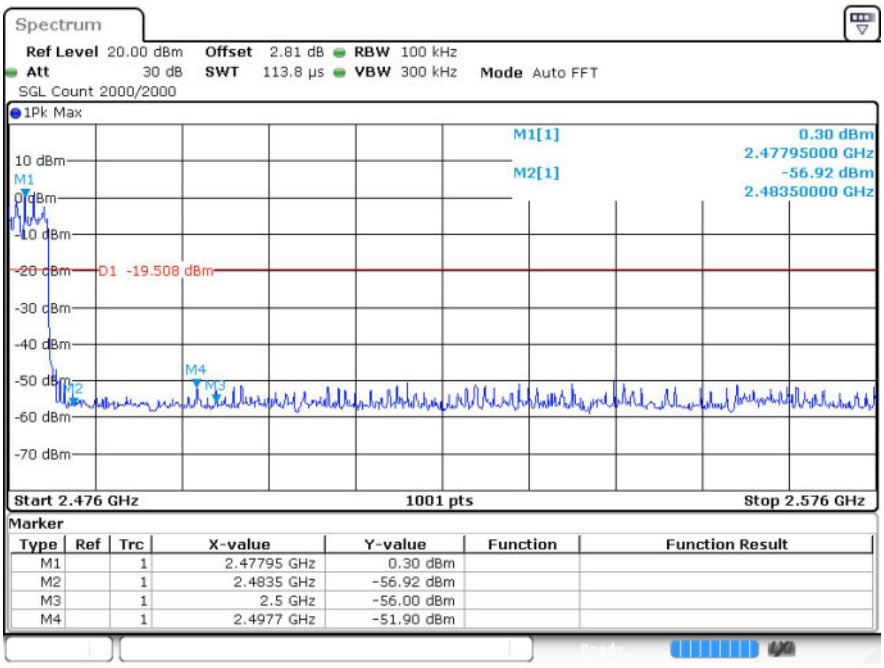
Ref	
GFSK/HCH/No Hop	

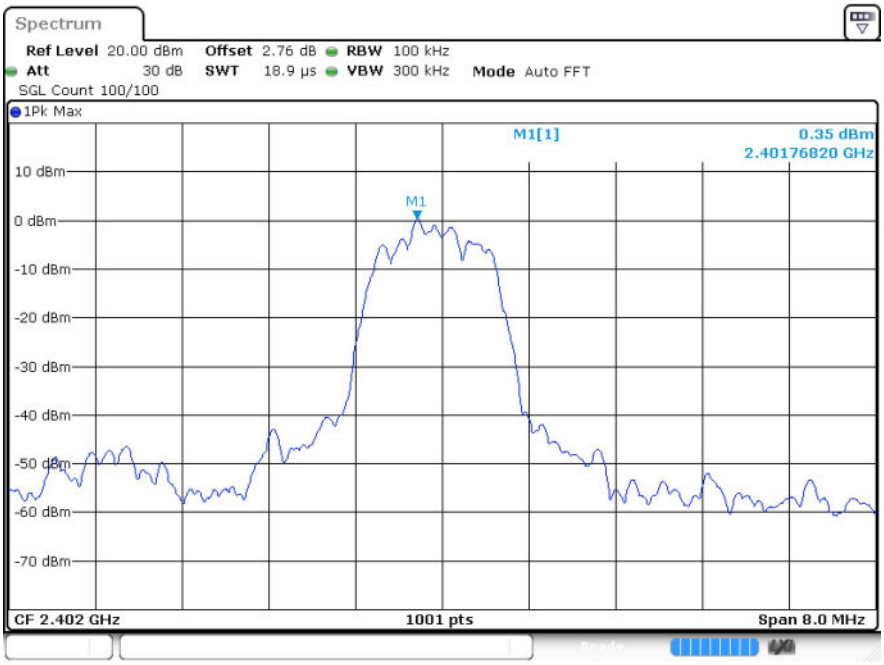
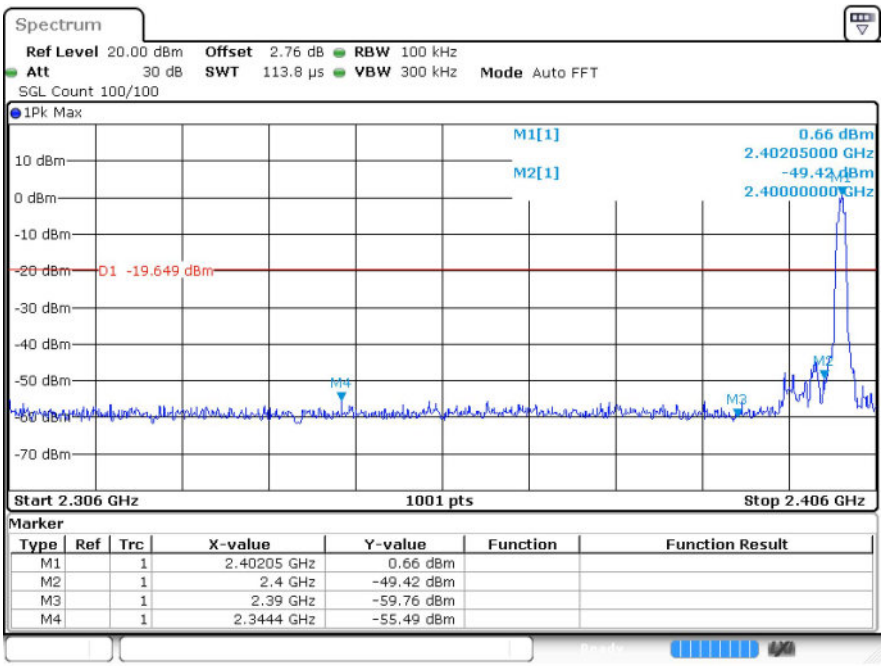
Ref.	
GFSK/HCH/Hop	

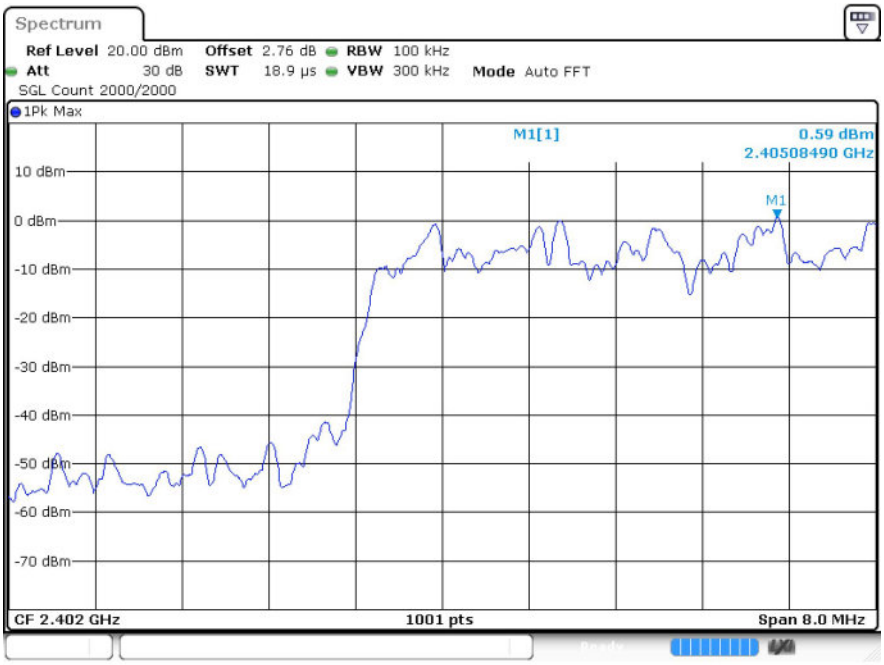
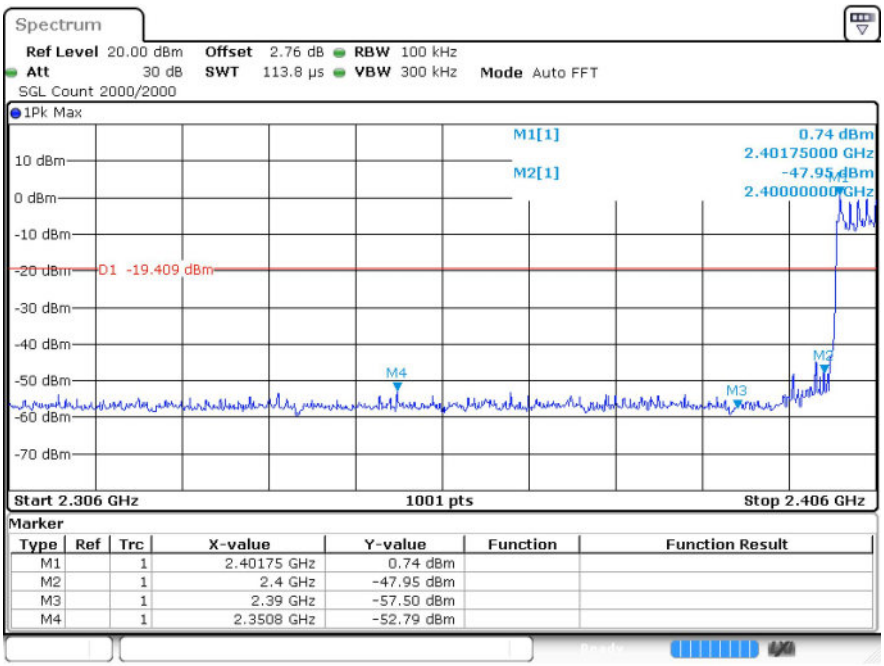
Ref	
π/4DQPSK/LCH/No Hop	

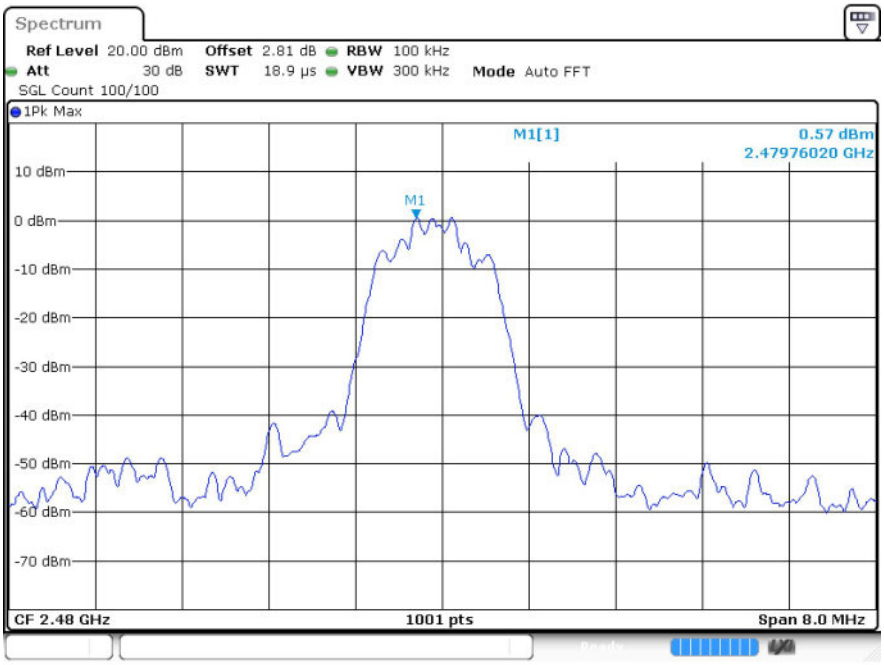
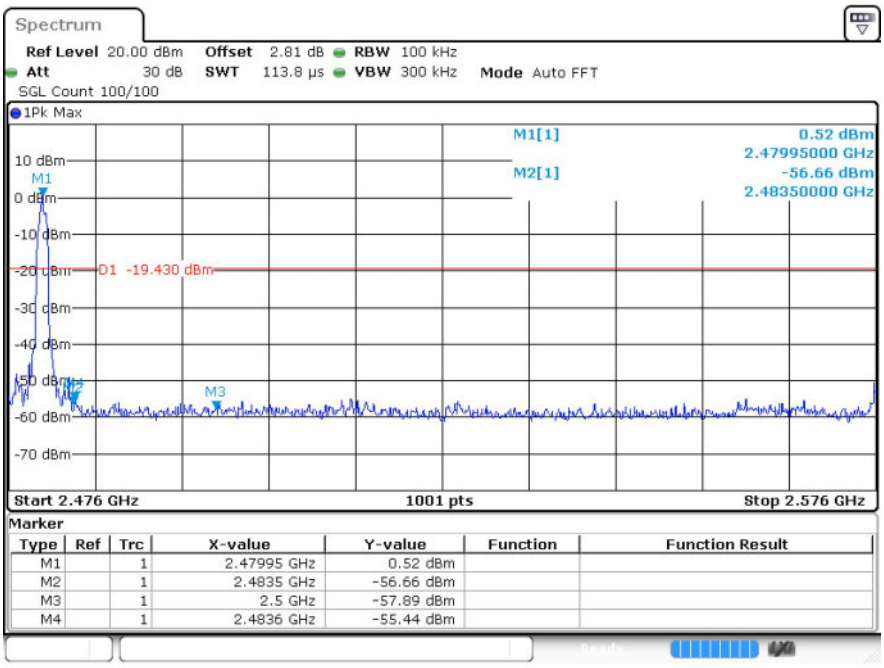
Ref	
π/4DQPSK/LCH/Hop	

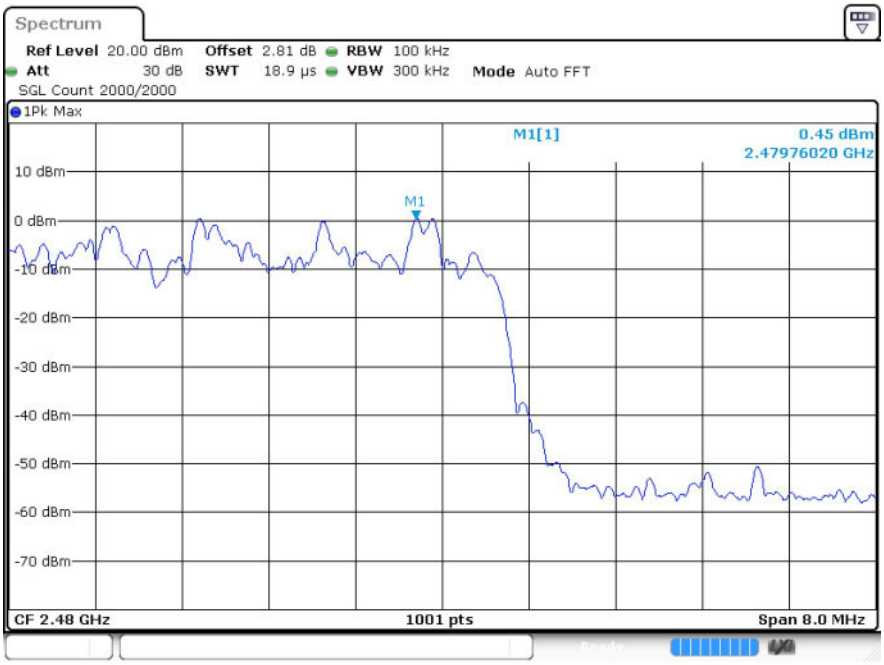
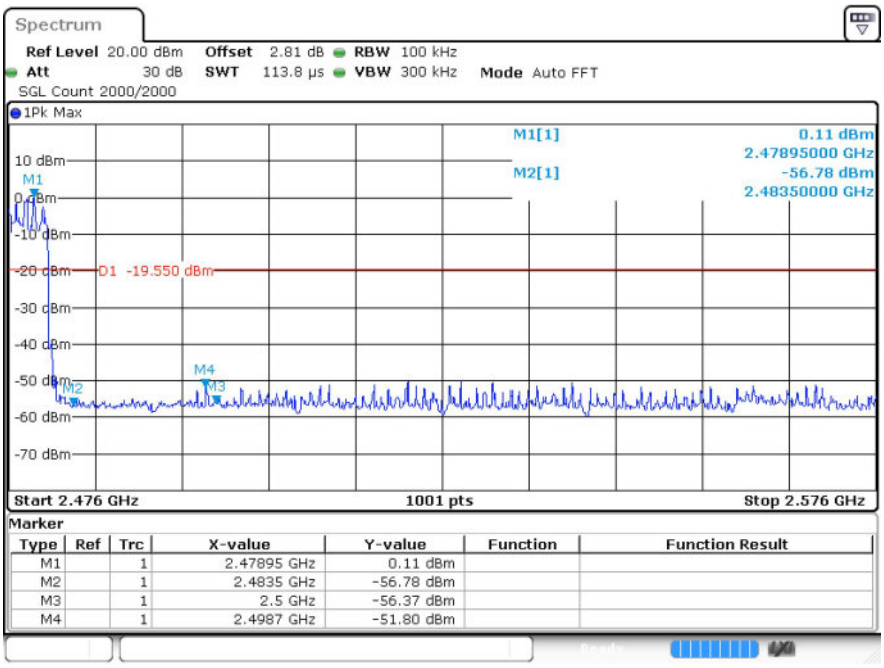
Ref	
π/4DQPSK/HCH/No Hop	

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

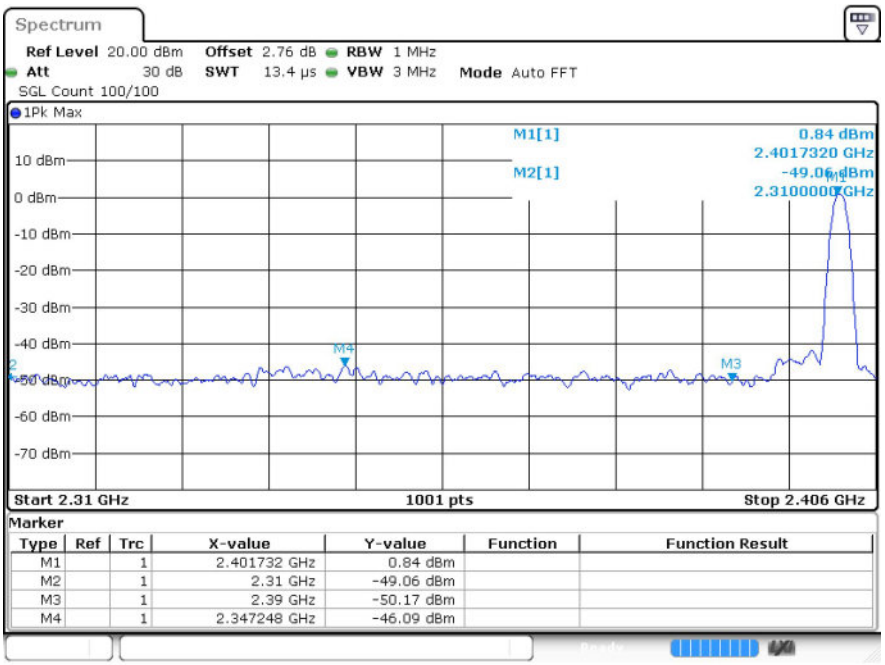
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-49.06	2.84	-	49.04	PEAK	74	Pass
	Off	2310.0	-56.86	2.84	5.06	46.3	AV	54	Pass
	Off	2347.248	-46.08	2.84	-	52.02	PEAK	74	Pass
	Off	2338.608	-54.54	2.84	5.06	48.62	AV	54	Pass
	Off	2390.0	-50.17	2.84	-	47.93	PEAK	74	Pass
	Off	2390.0	-57.05	2.84	5.06	46.11	AV	54	Pass
	Off	2483.5	-45.34	2.84	-	52.76	PEAK	74	Pass
	Off	2483.5	-55.05	2.84	5.06	48.11	AV	54	Pass
	Off	2483.512	-45.37	2.84	-	52.73	PEAK	74	Pass
	Off	2483.512	-55.06	2.84	5.06	48.1	AV	54	Pass
	Off	2500.0	-47.28	2.84	-	50.82	PEAK	74	Pass
	Off	2500.0	-55.78	2.84	5.06	47.38	AV	54	Pass
π/4DQPSK	Off	2310.0	-49.18	2.84	-	48.92	PEAK	74	Pass
	Off	2310.0	-56.55	2.84	4.9	46.45	AV	54	Pass
	Off	2338.416	-45.94	2.84	-	52.16	PEAK	74	Pass
	Off	2338.032	-54.08	2.84	4.9	48.92	AV	54	Pass
	Off	2390.0	-50.73	2.84	-	47.37	PEAK	74	Pass
	Off	2390.0	-56.08	2.84	4.9	46.92	AV	54	Pass
	Off	2483.5	-43.94	2.84	-	54.16	PEAK	74	Pass
	Off	2483.5	-54.43	2.84	4.94	48.61	AV	54	Pass
	Off	2483.512	-44.06	2.84	-	54.04	PEAK	74	Pass
	Off	2483.512	-54.44	2.84	4.94	48.6	AV	54	Pass
	Off	2500.0	-49.05	2.84	-	49.05	PEAK	74	Pass
	Off	2500.0	-56.39	2.84	4.94	46.65	AV	54	Pass
8DPSK	Off	2310.0	-50.47	2.84	-	47.63	PEAK	74	Pass
	Off	2310.0	-56.29	2.84	4.87	46.68	AV	54	Pass
	Off	2368.752	-45.54	2.84	-	52.56	PEAK	74	Pass
	Off	2338.608	-54.39	2.84	4.87	48.58	AV	54	Pass

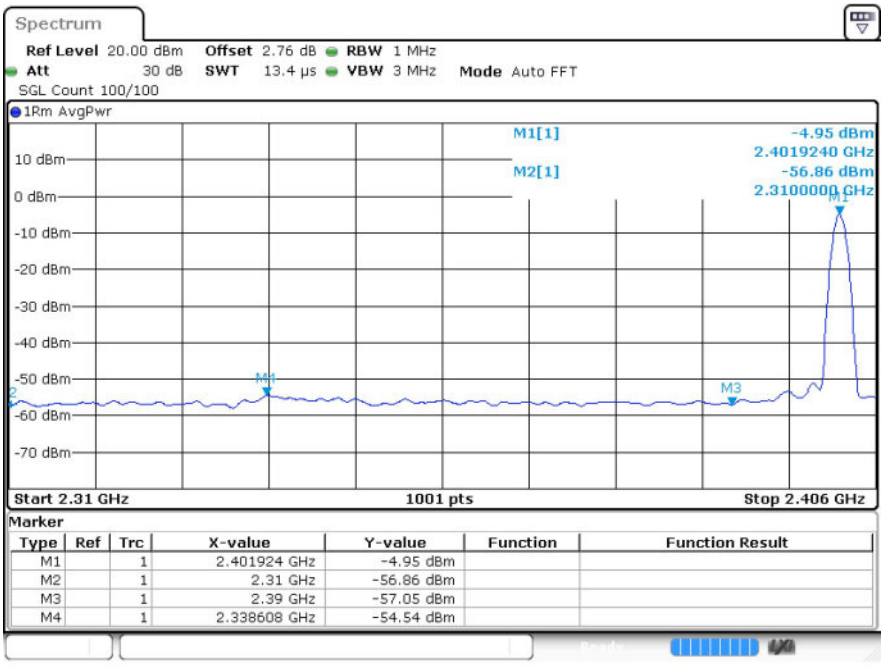
	Off	2390.0	-49.48	2.84	-	48.62	PEAK	74	Pass
	Off	2390.0	-56.94	2.84	4.87	46.03	AV	54	Pass
	Off	2483.5	-46.57	2.84	-	51.53	PEAK	74	Pass
	Off	2483.5	-56.07	2.84	4.85	46.88	AV	54	Pass
	Off	2483.512	-46.65	2.84	-	51.45	PEAK	74	Pass
	Off	2489.296	-55.54	2.84	4.85	47.41	AV	54	Pass
	Off	2500.0	-49.5	2.84	-	48.6	PEAK	74	Pass
	Off	2500.0	-55.91	2.84	4.85	47.04	AV	54	Pass

9.2 Test Graphs

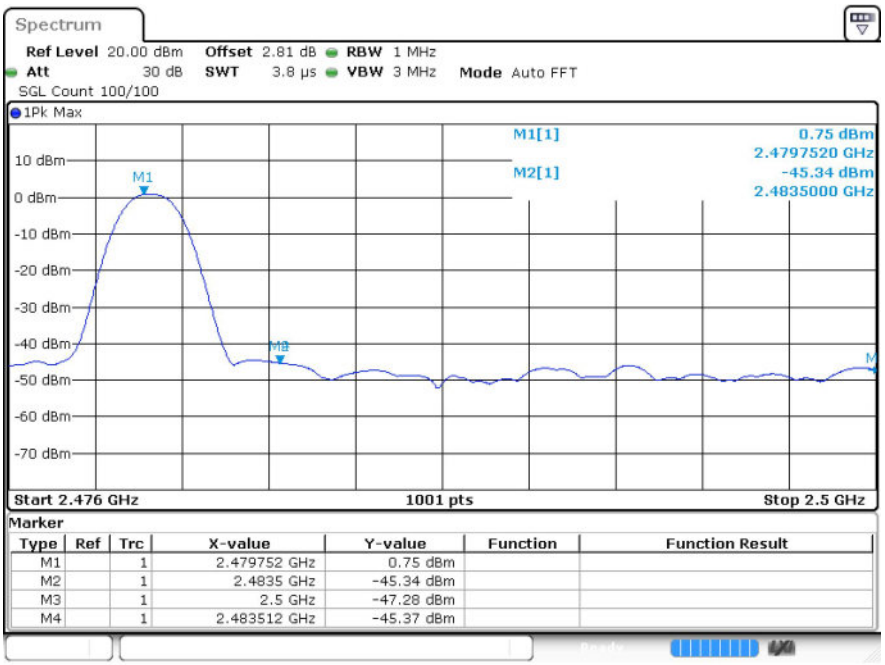
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



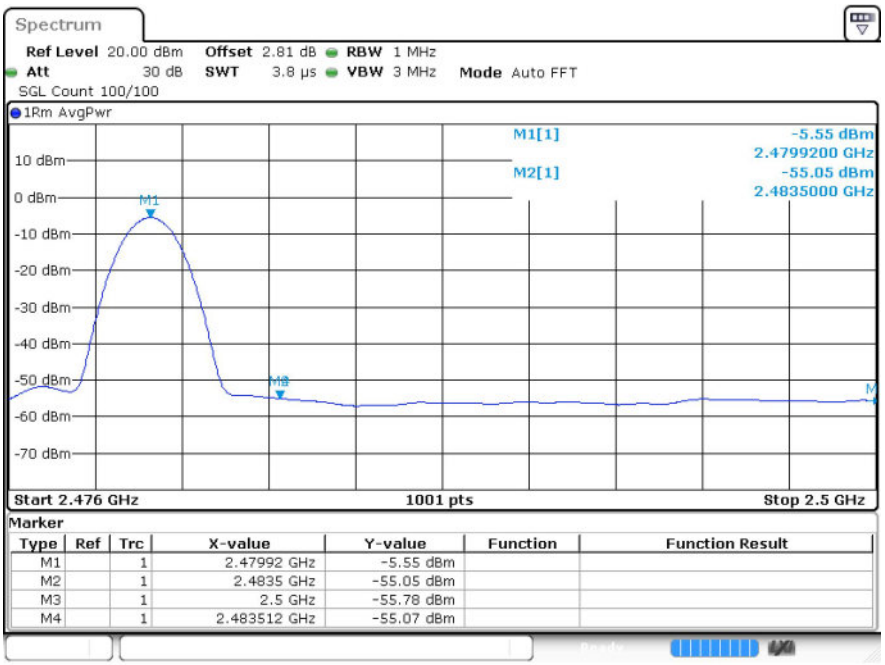
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



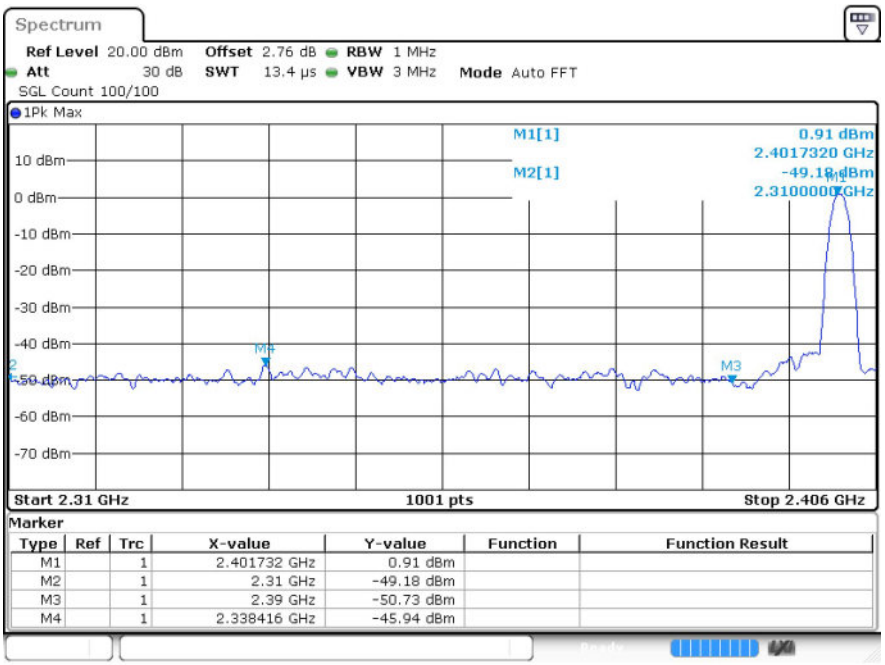
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



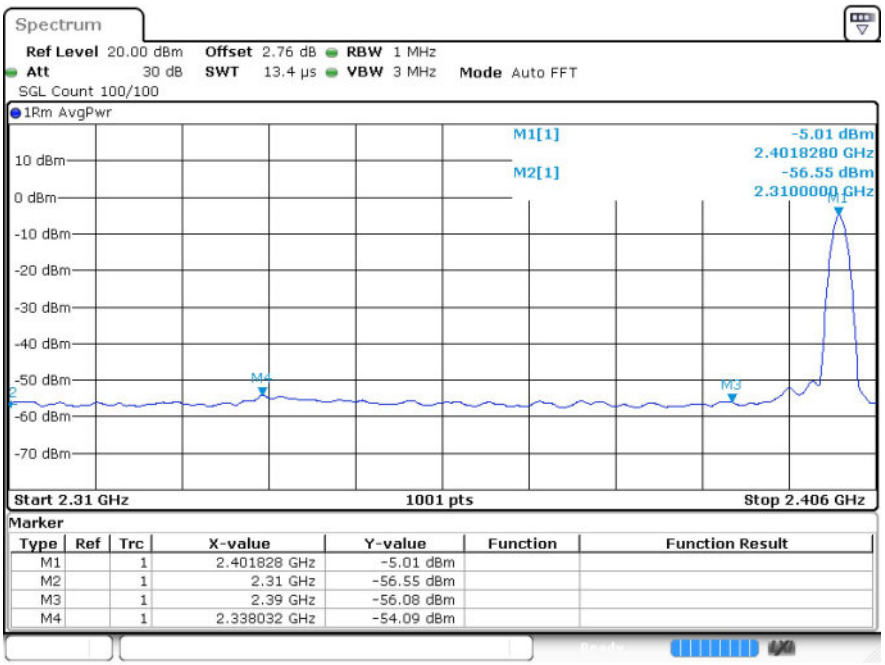
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



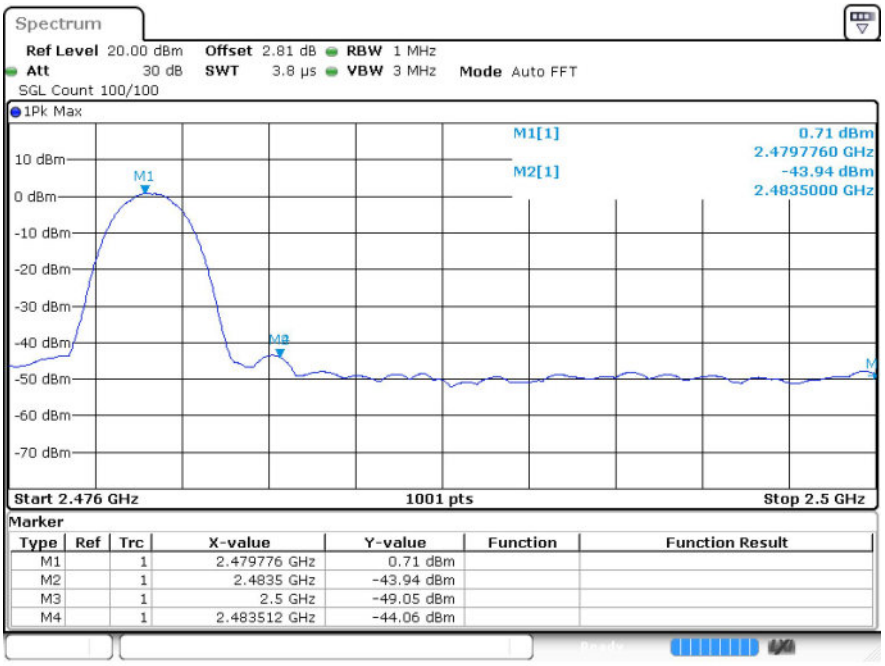
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



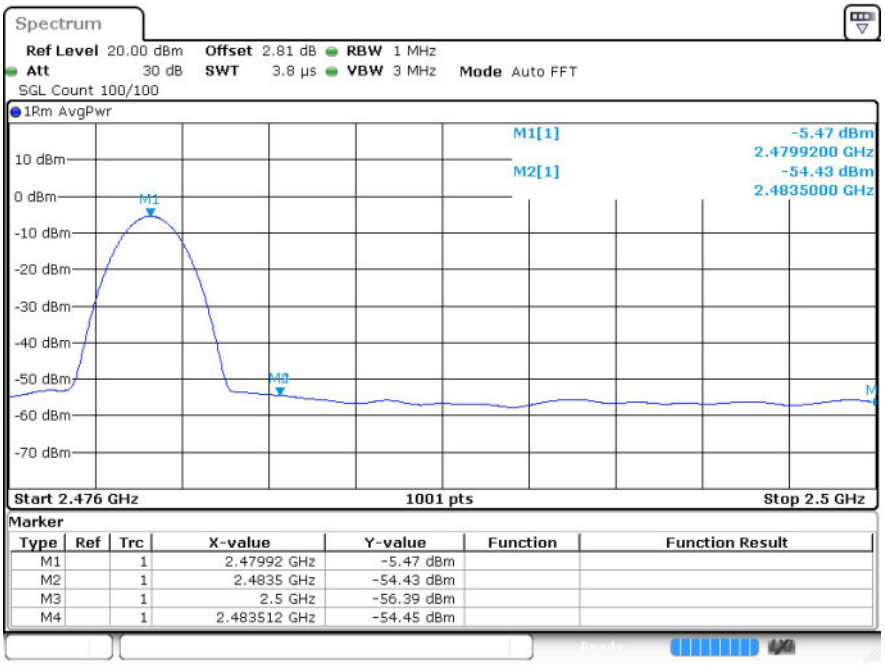
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



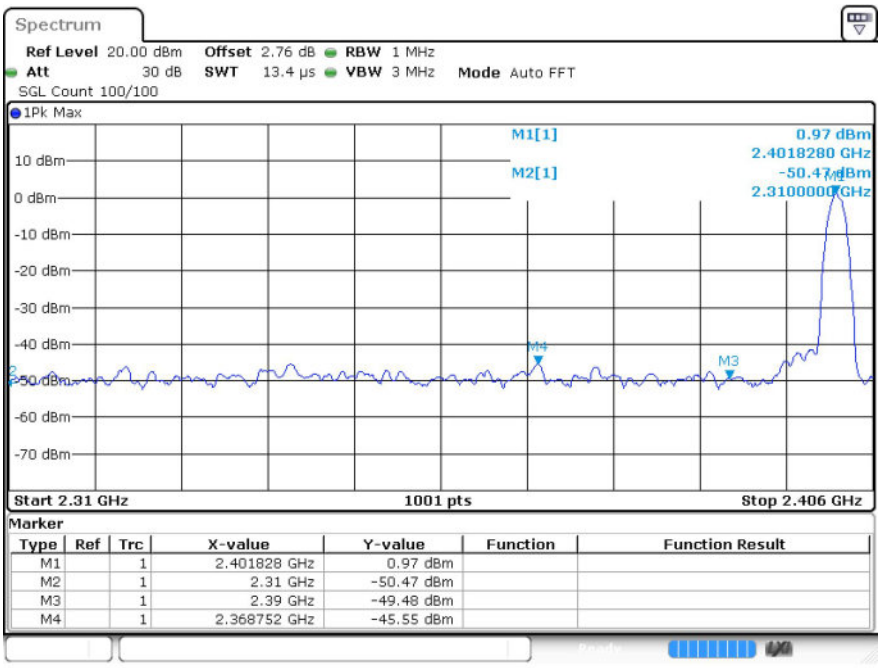
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



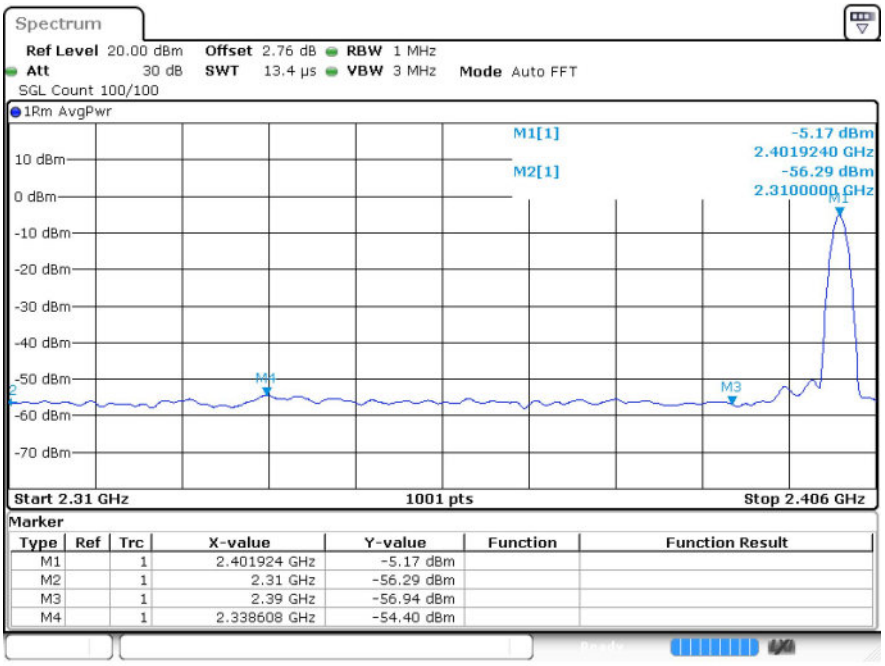
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



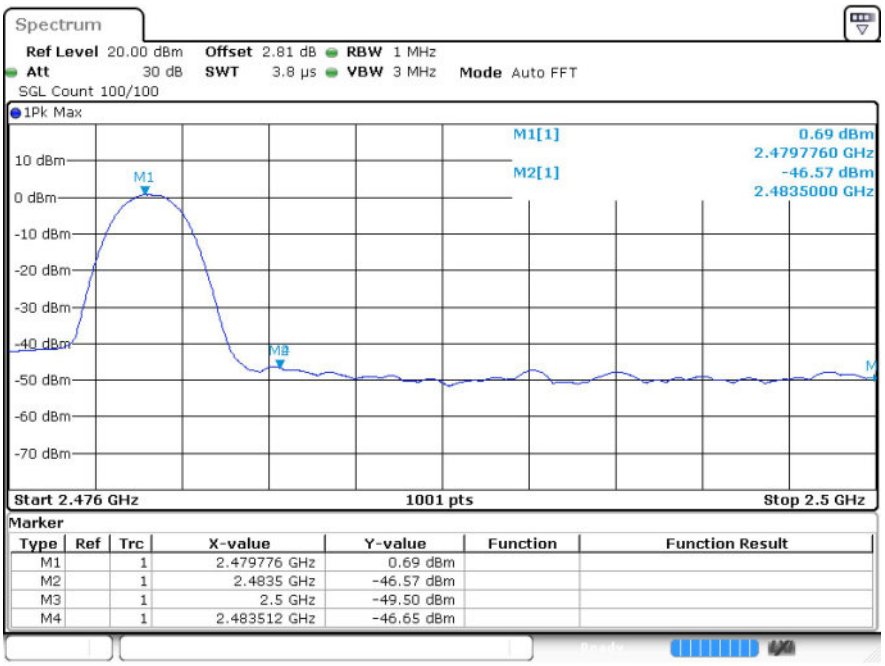
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



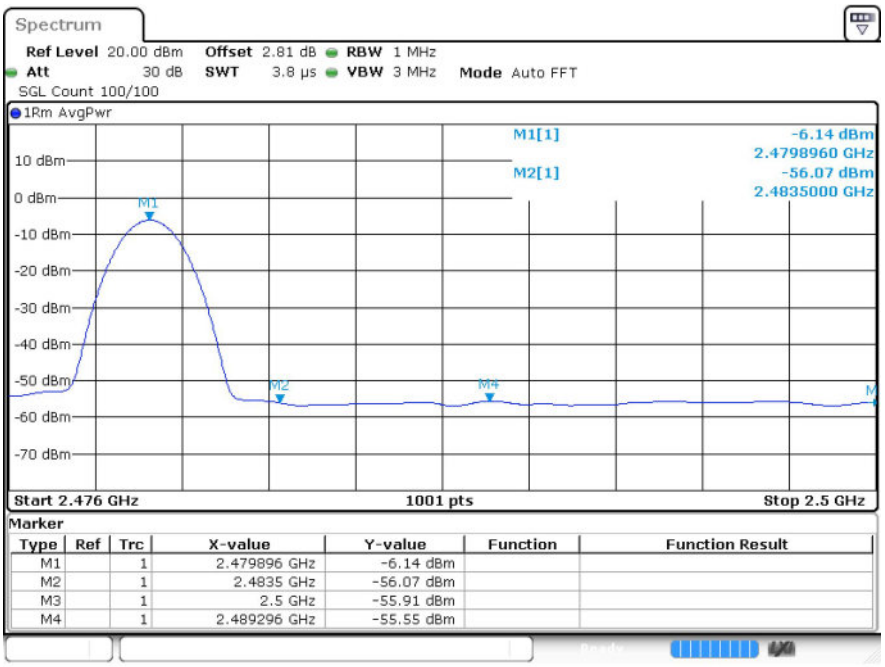
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



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