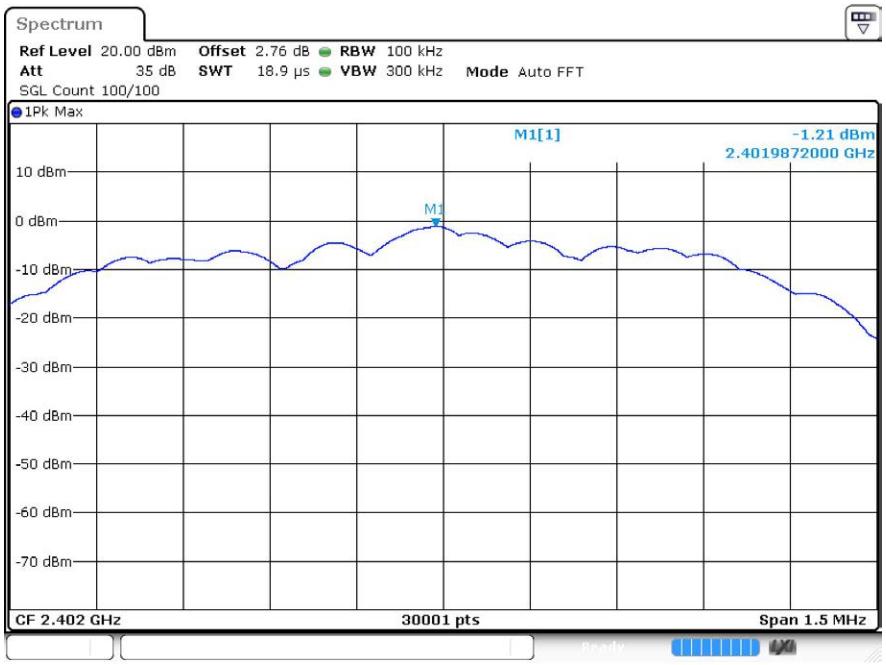
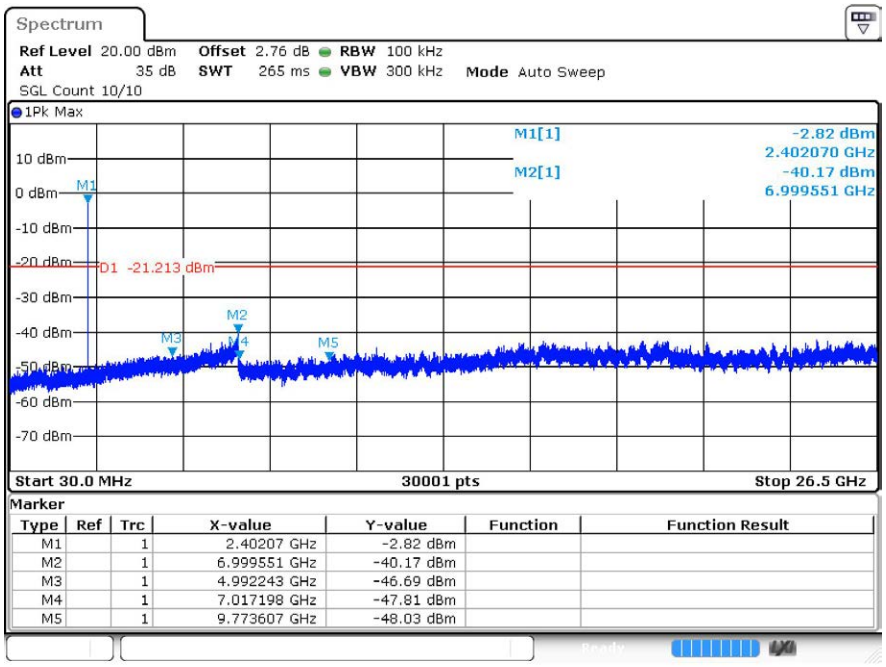
π/4DQPSK_LCH_Graphs	
Pref	
Puw	

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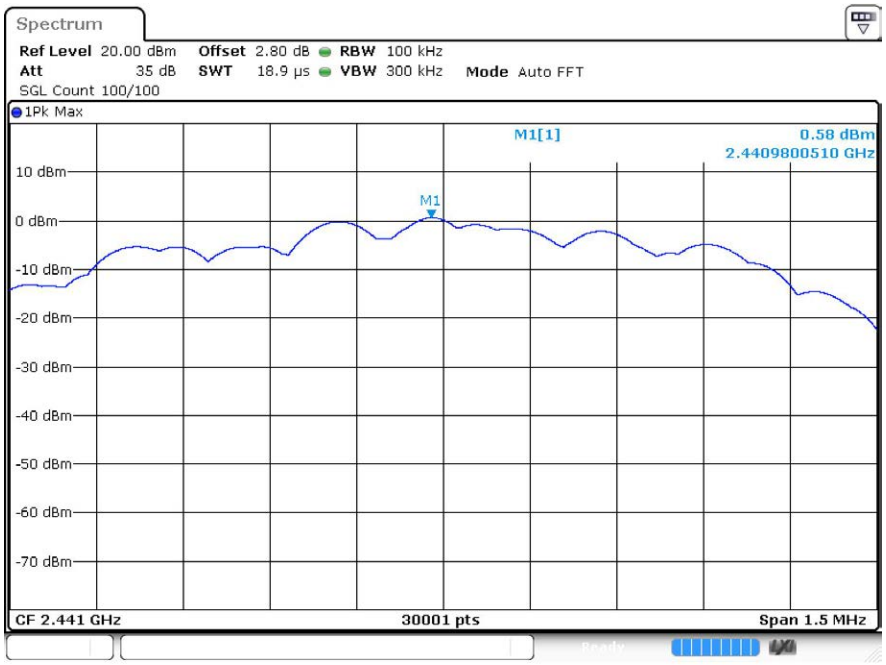
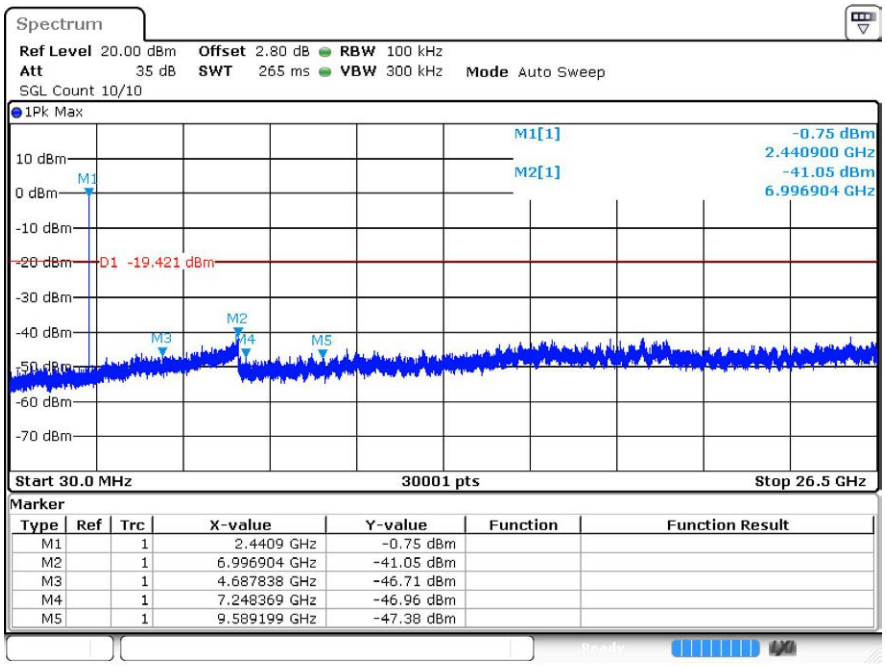
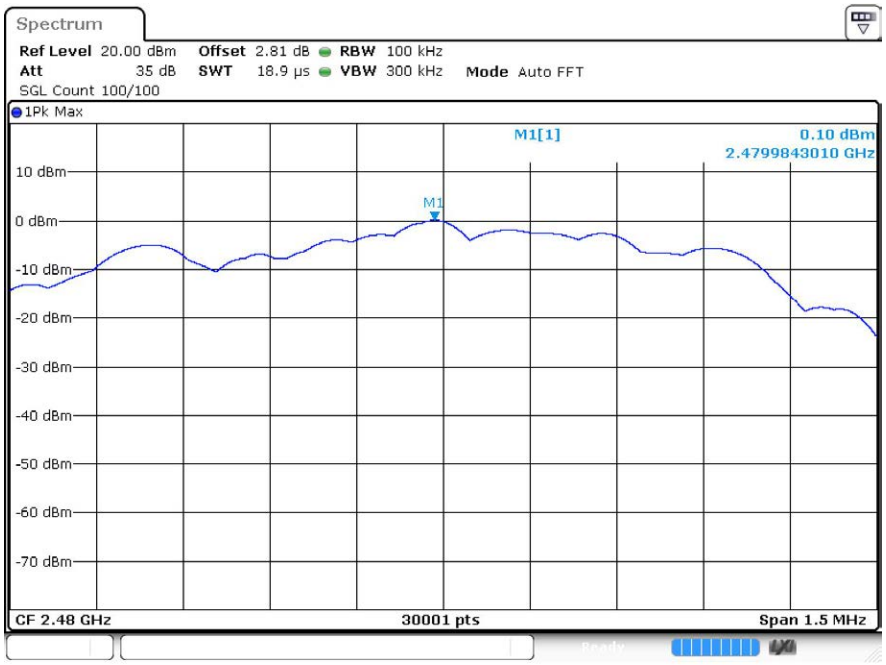
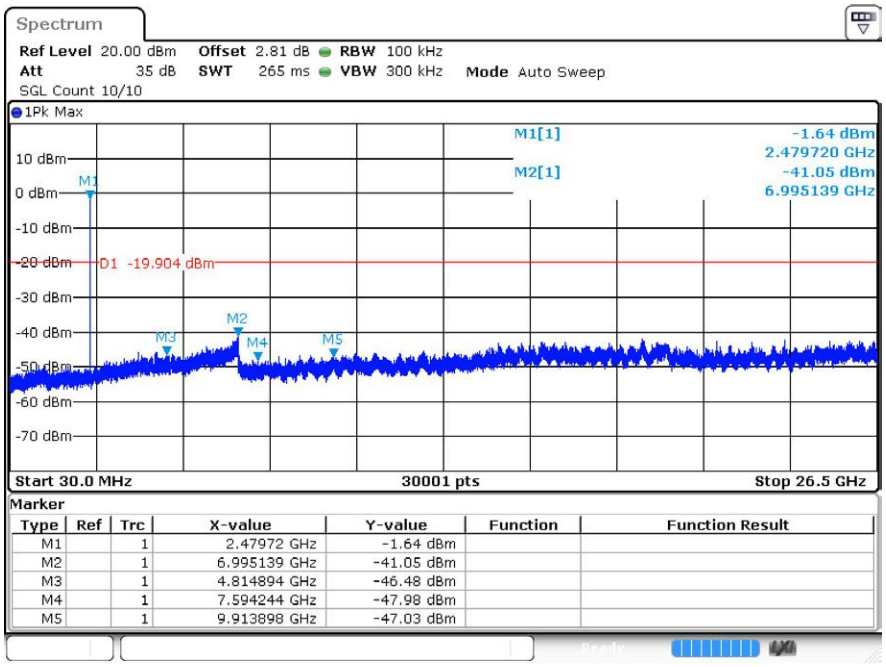
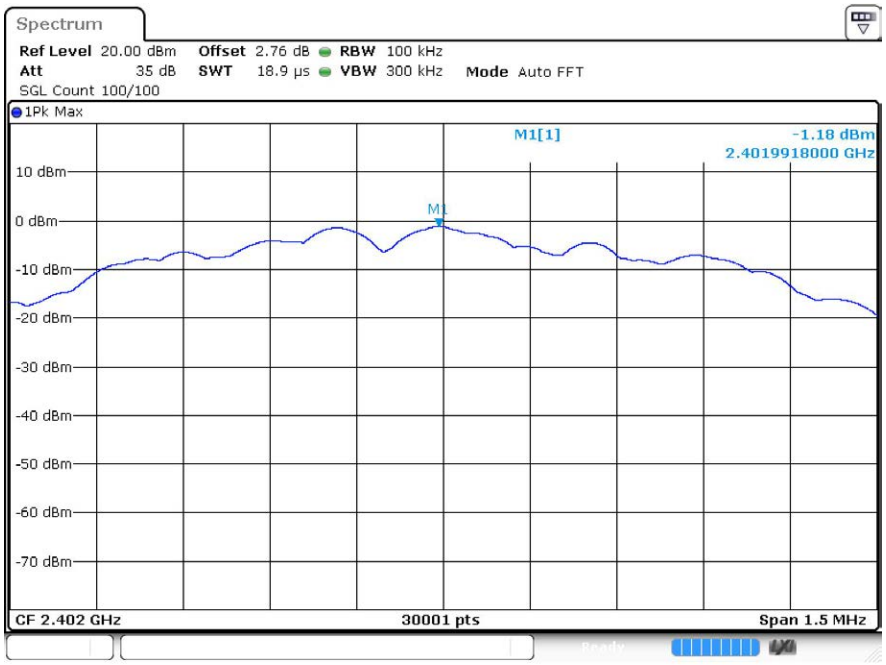
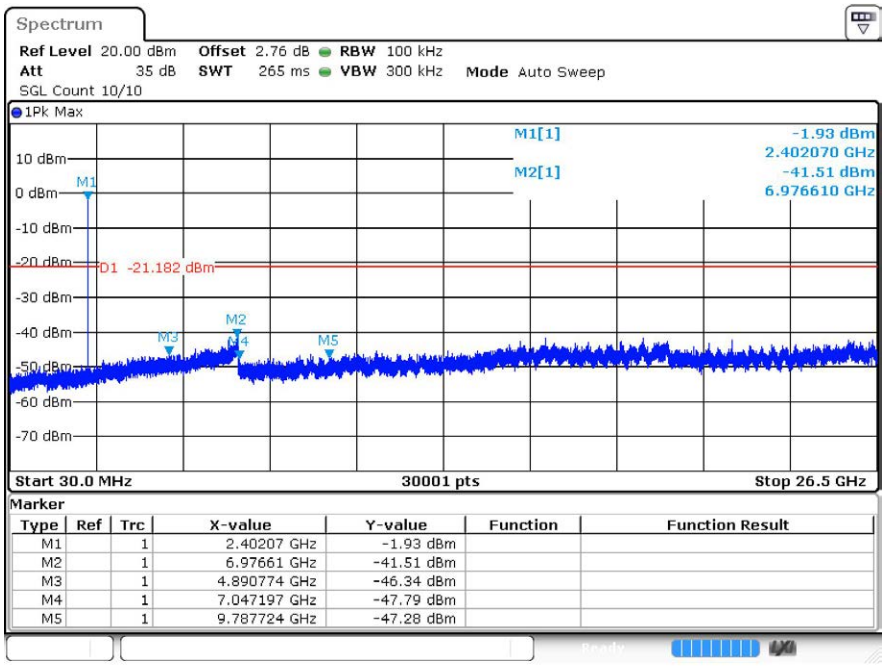
Pref	
Puw	

π/4DQPSK_HCH_Graphs	
Pref	
Puw	

8DPSK_LCH_Graphs	
Pref	
Puw	

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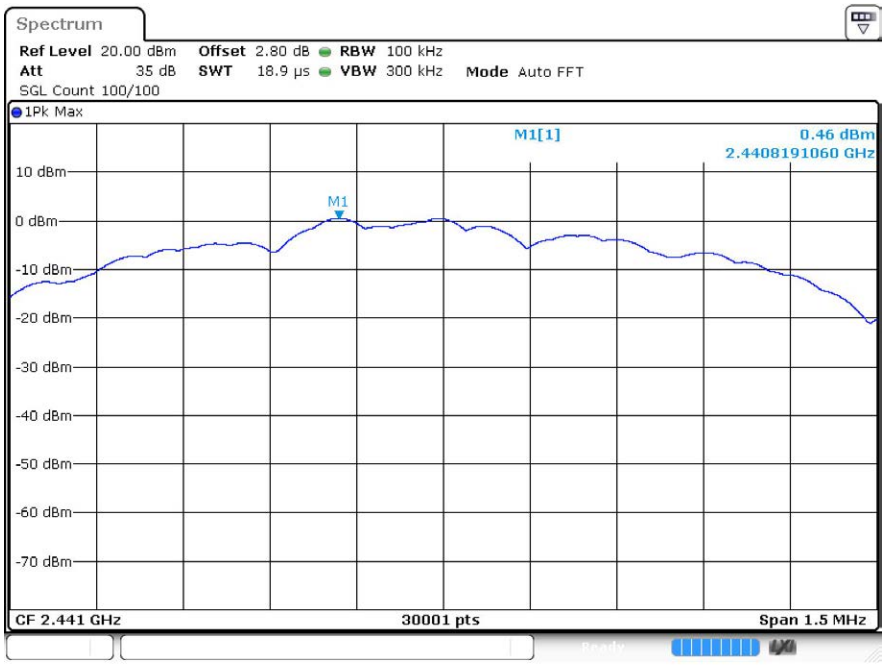
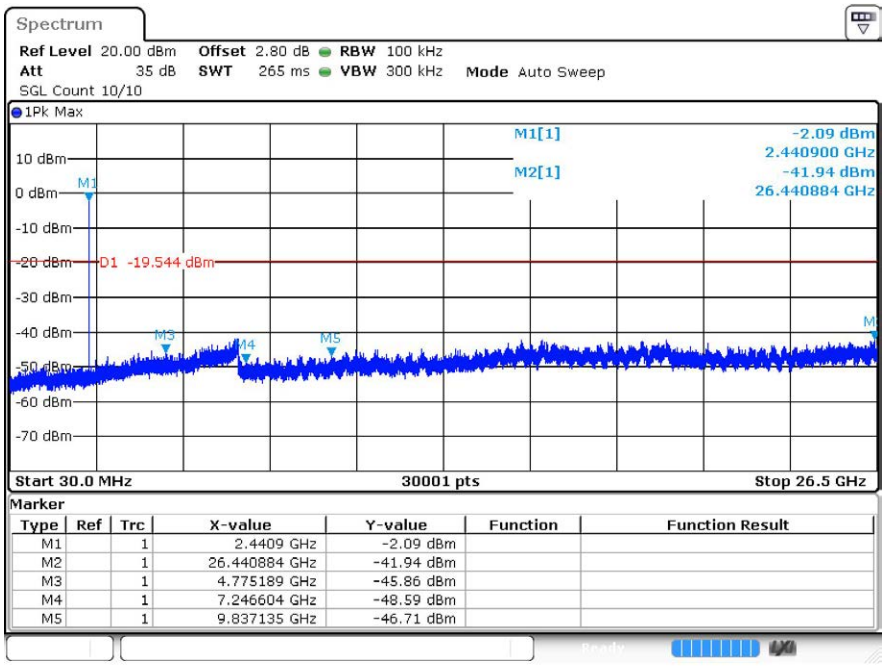
Pref	
Puw	

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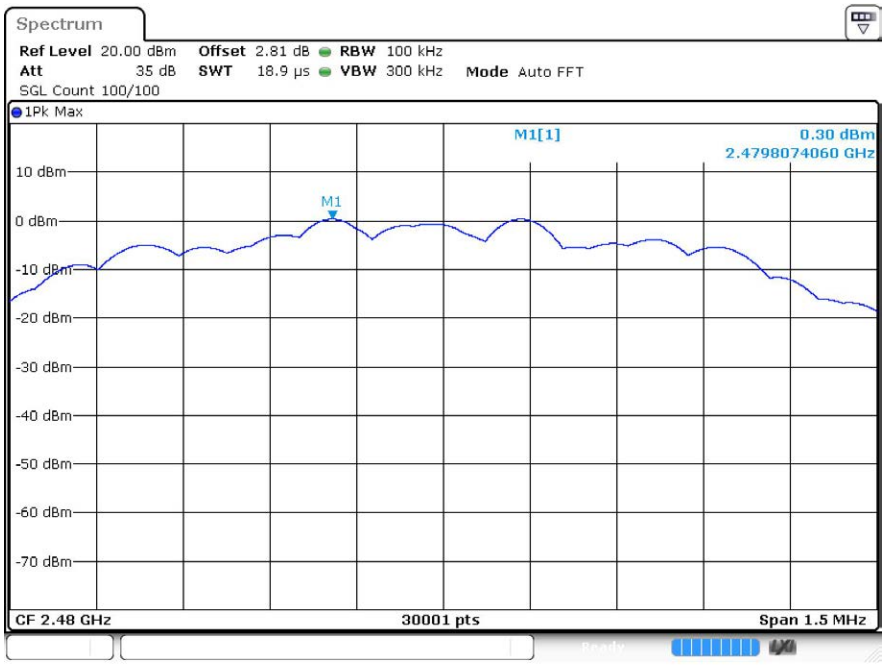
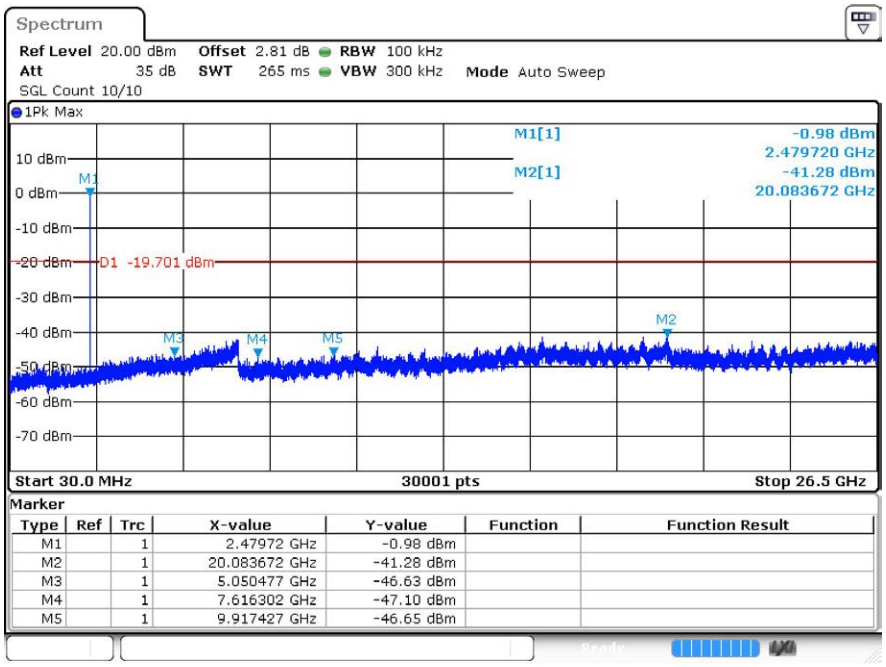
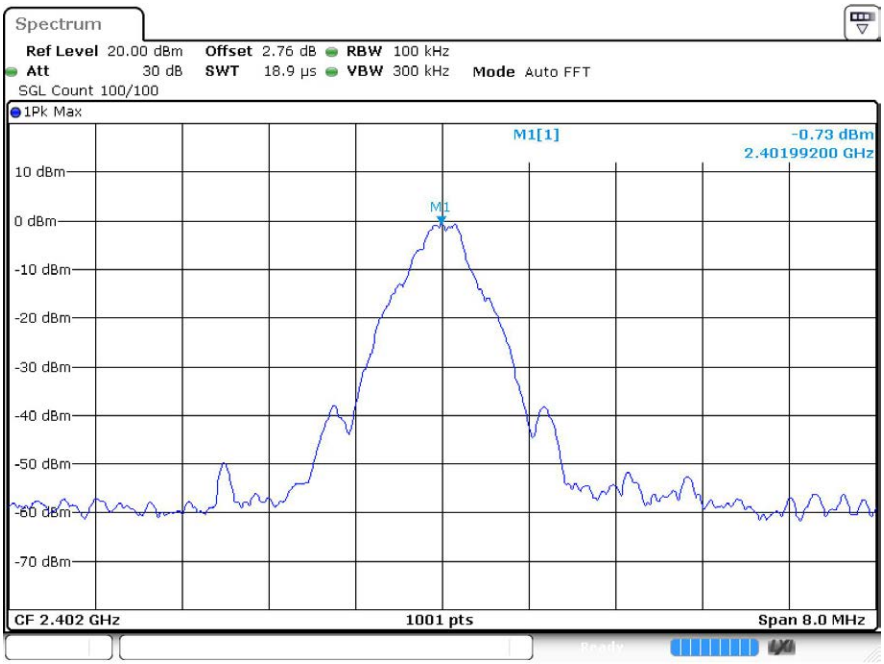
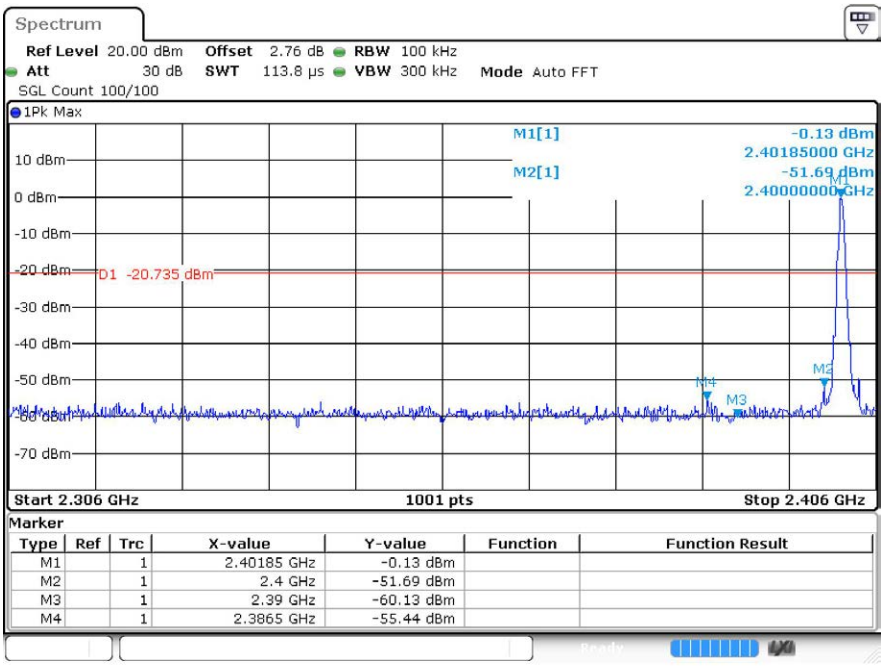
Pref	
Puw	

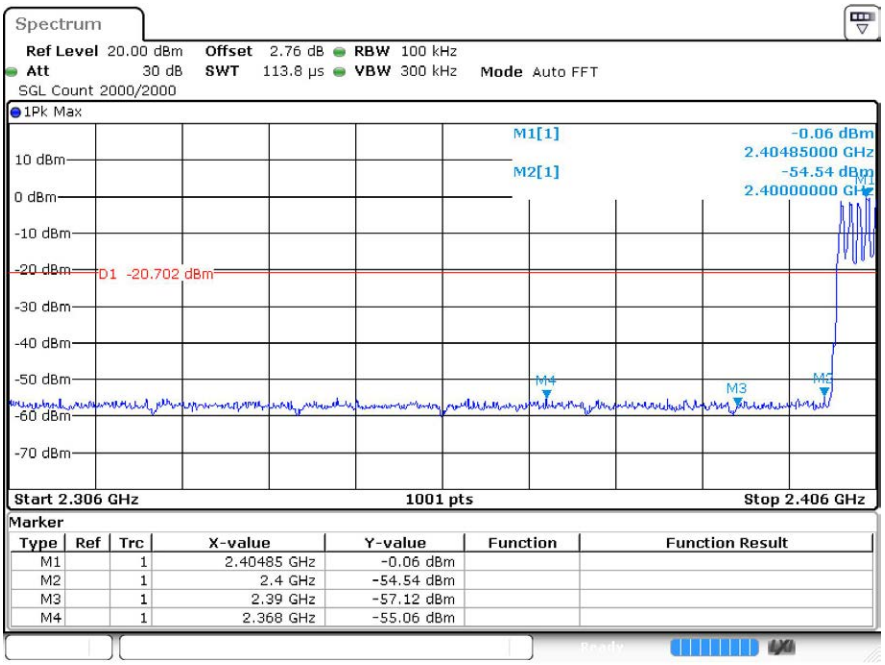
8 Band-edge for RF Conducted Emissions

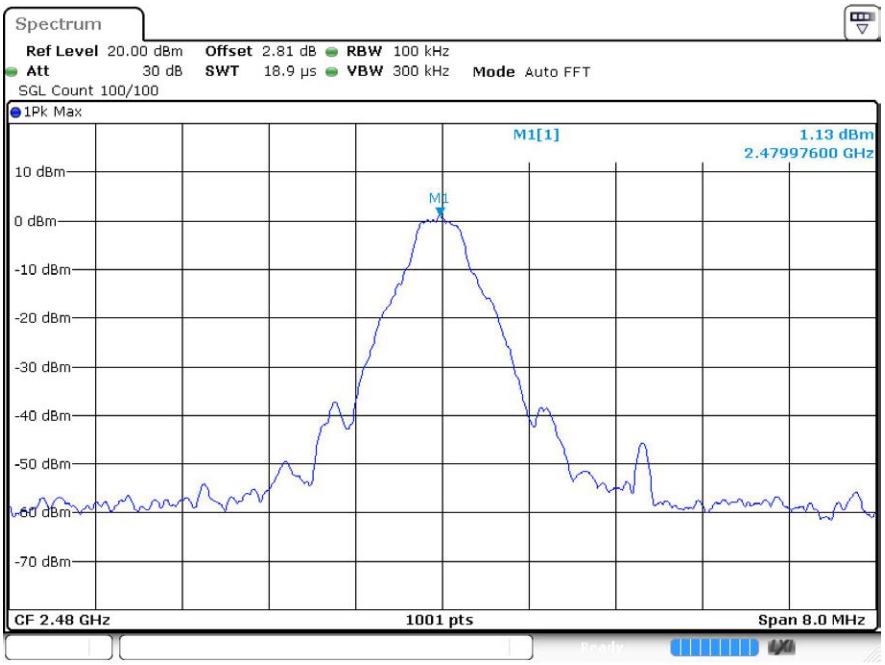
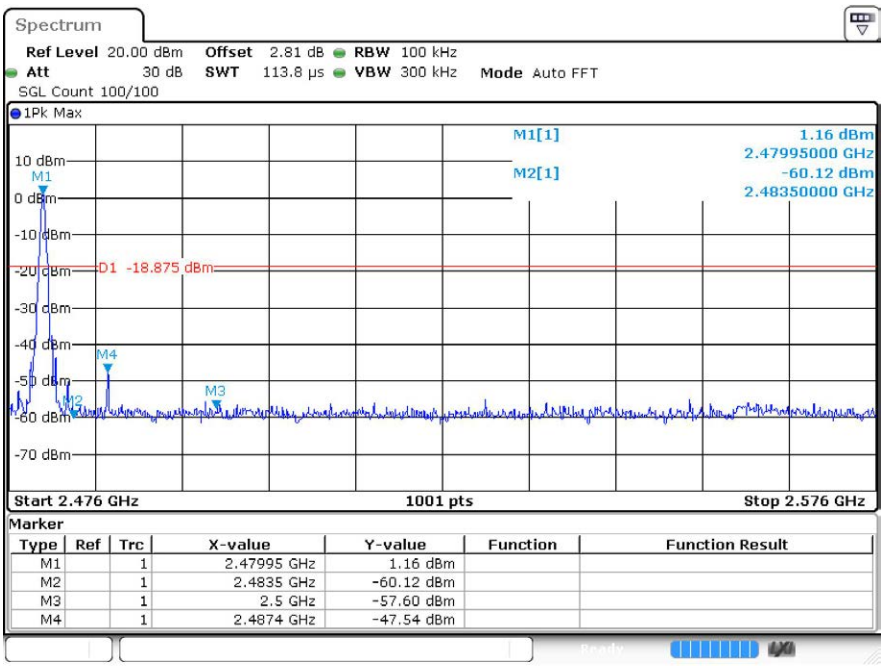
8.1 Test Result

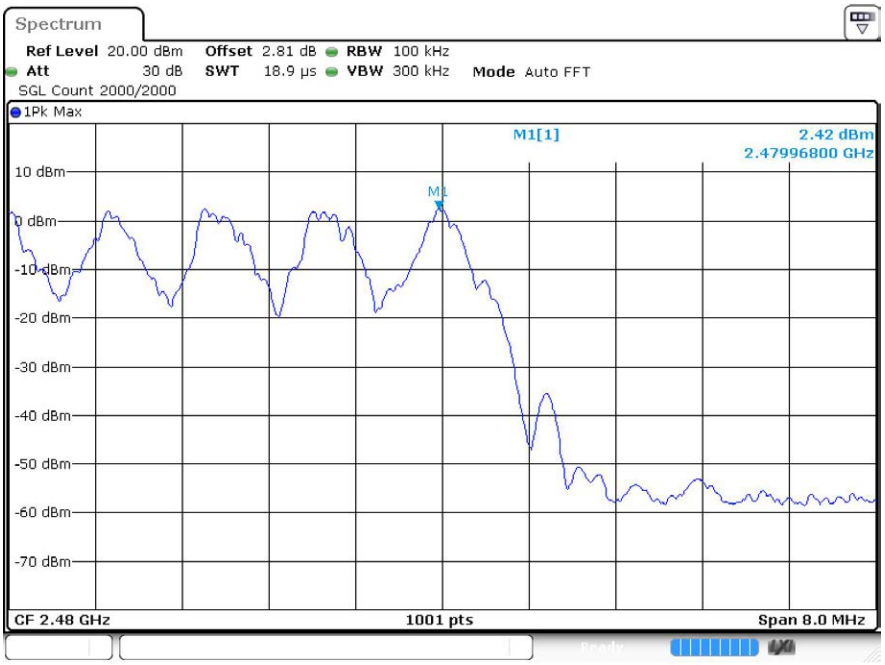
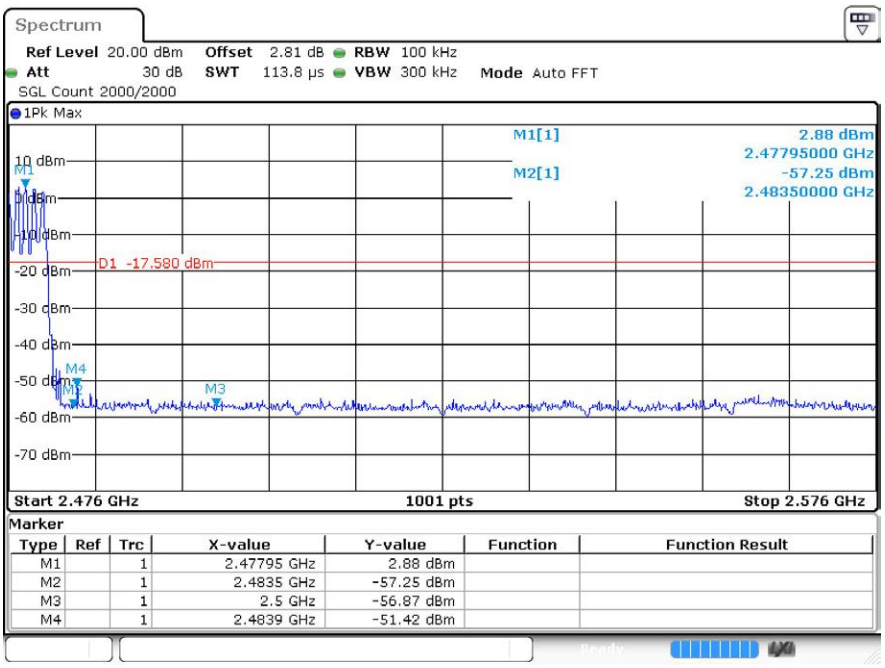
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-54.71	-20	Pass
			On	-54.36	-20	Pass
	HCH	2480	Off	-48.66	-20	Pass
			On	-53.84	-20	Pass
π/4DQPSK	LCH	2402	Off	-54.59	-20	Pass
			On	-52.34	-20	Pass
	HCH	2480	Off	-56.6	-20	Pass
			On	-50.48	-20	Pass
8DPSK	LCH	2402	Off	-54.69	-20	Pass
			On	-53.31	-20	Pass
	HCH	2480	Off	-48.58	-20	Pass
			On	-53.42	-20	Pass

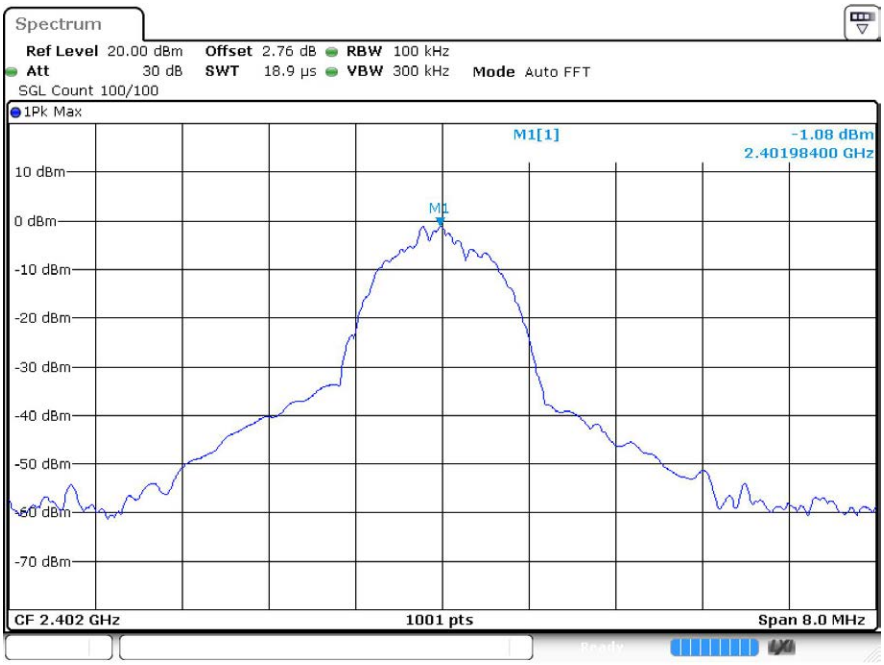
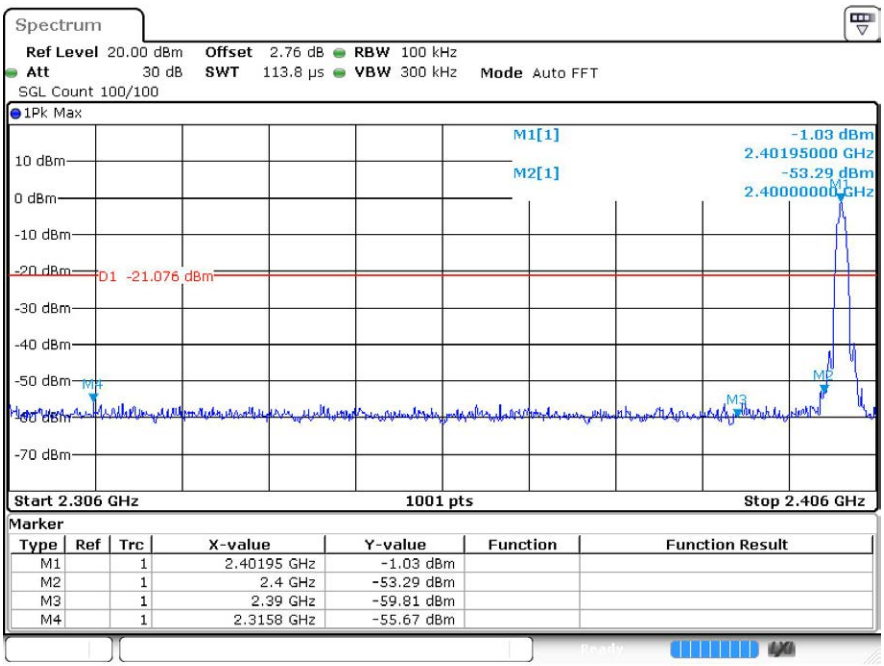
8.2 Test Graphs

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	

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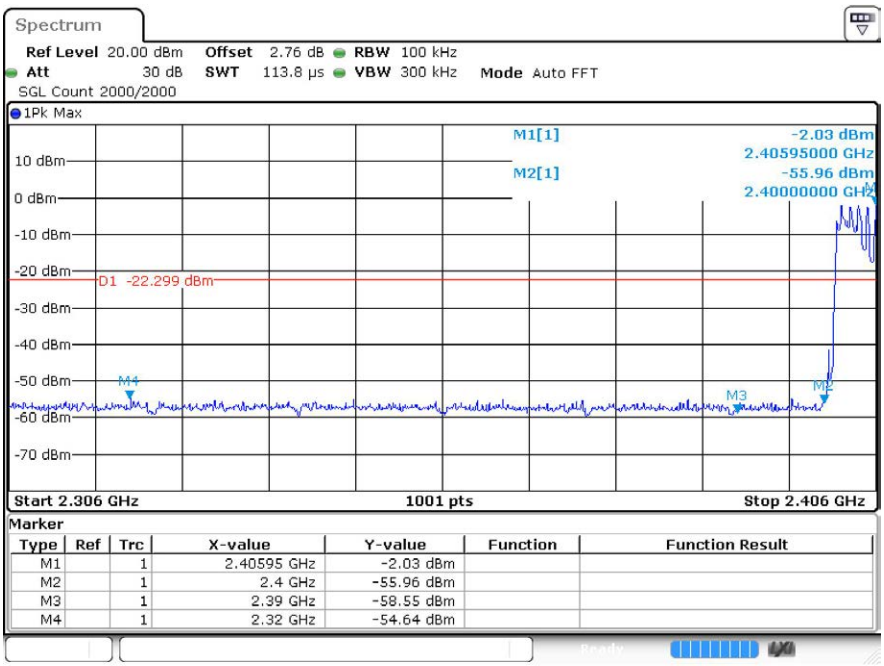
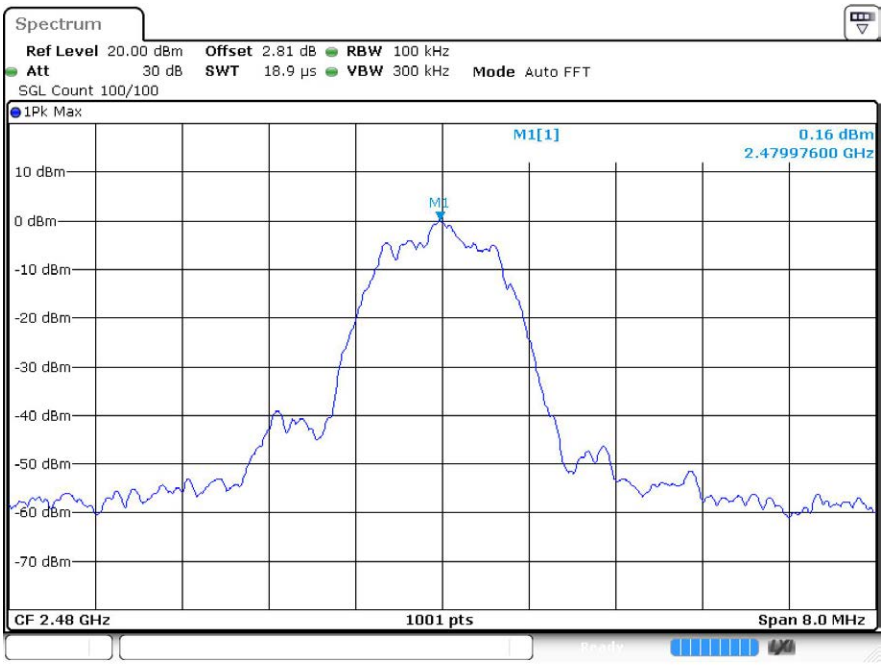
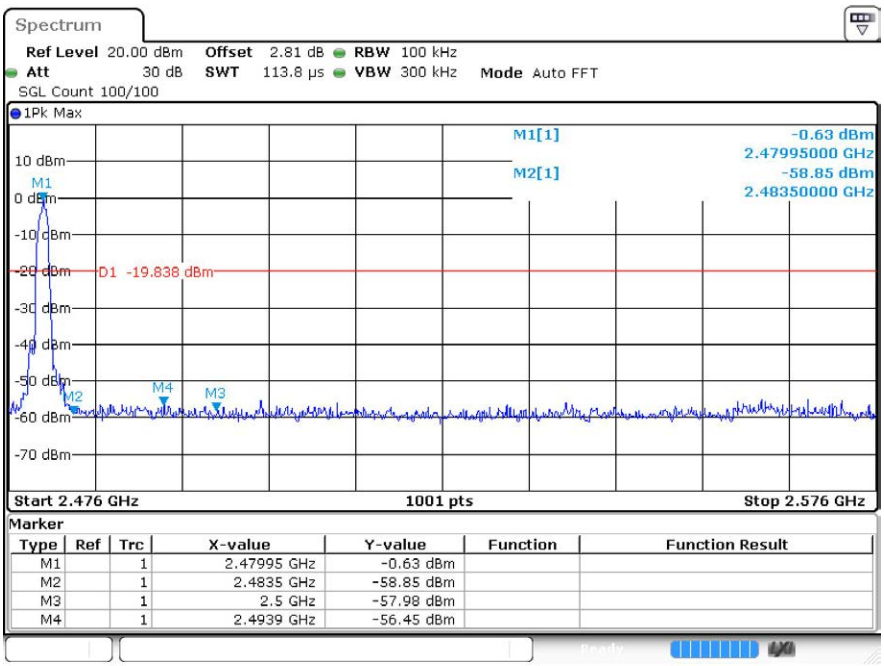
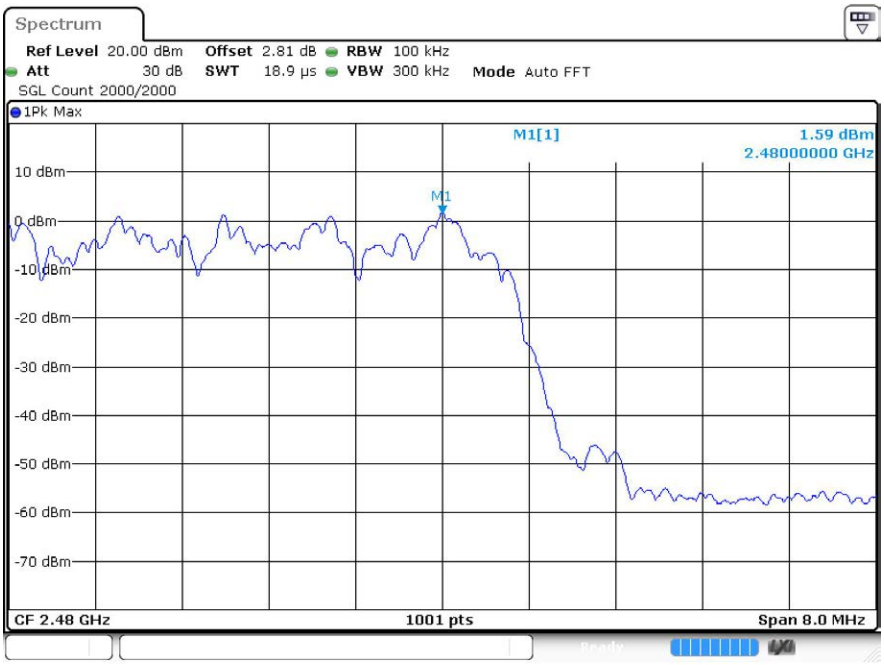
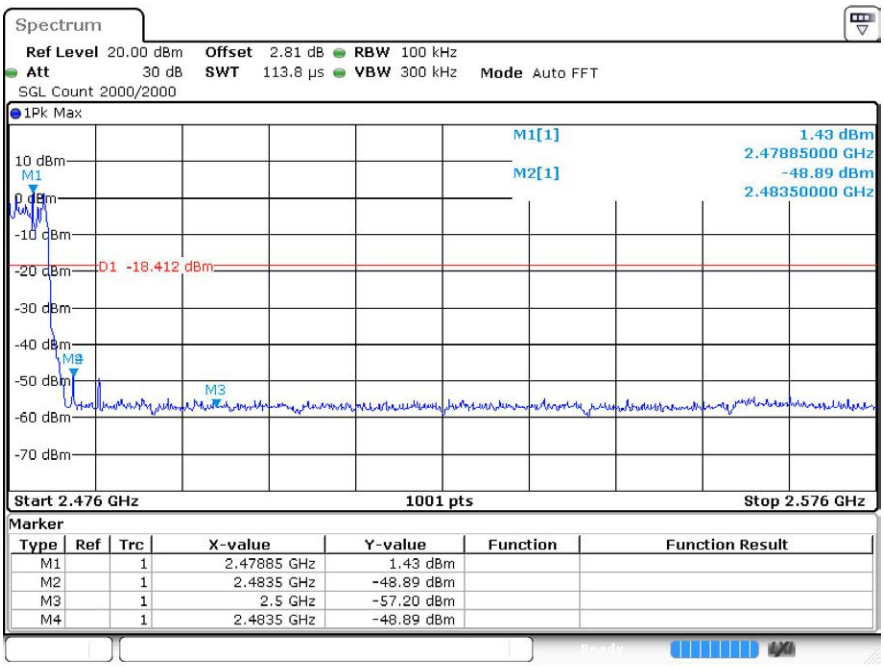
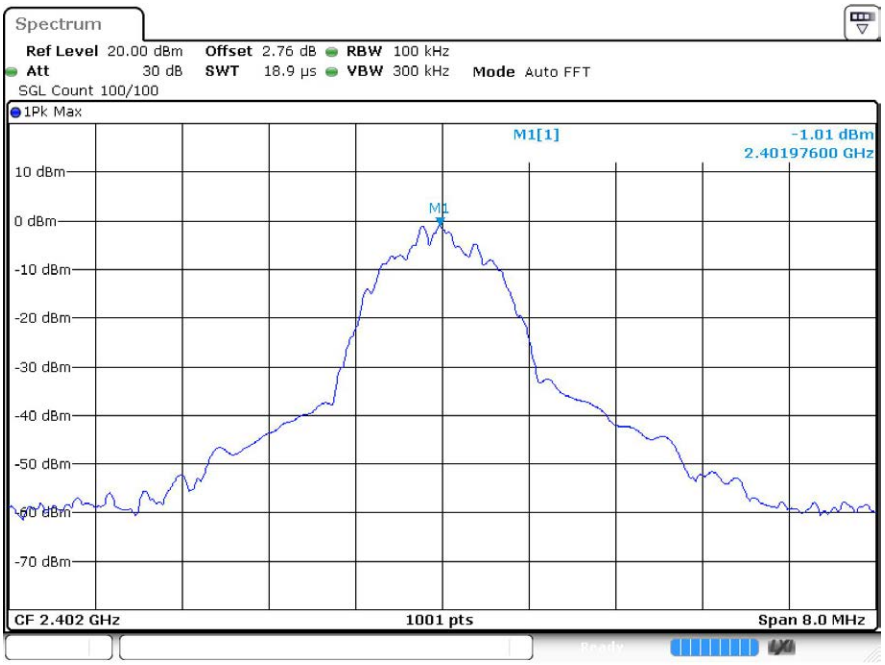
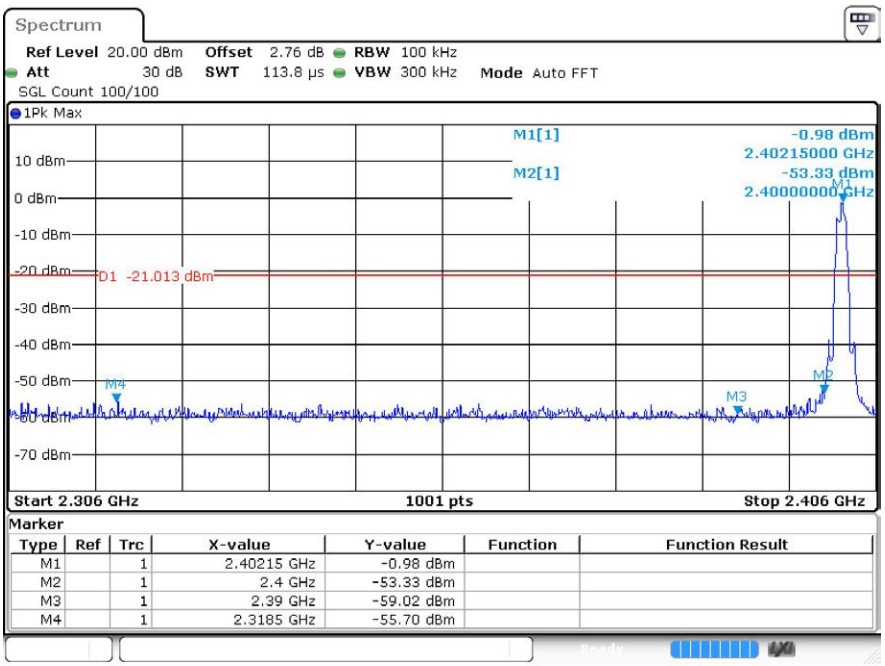
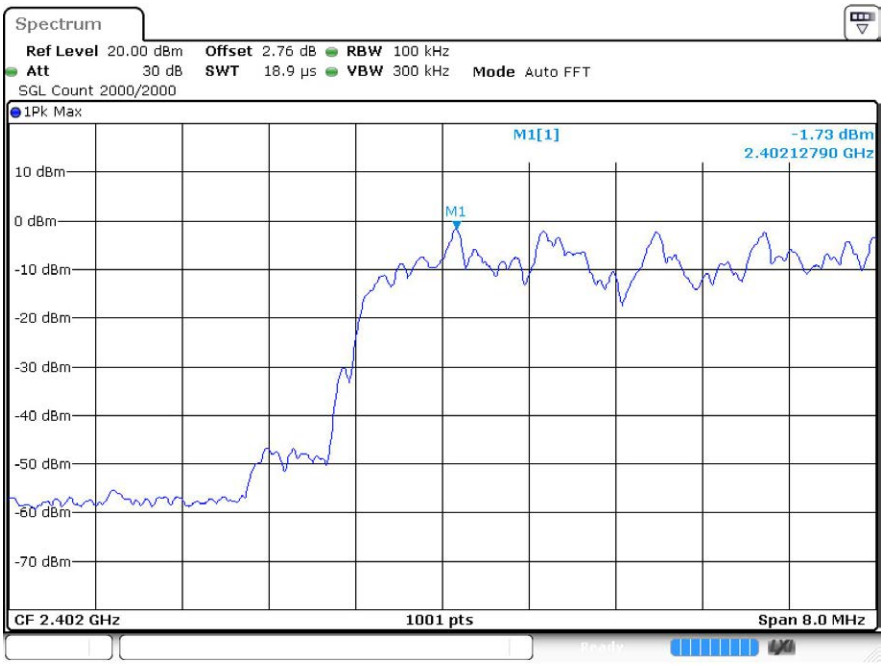
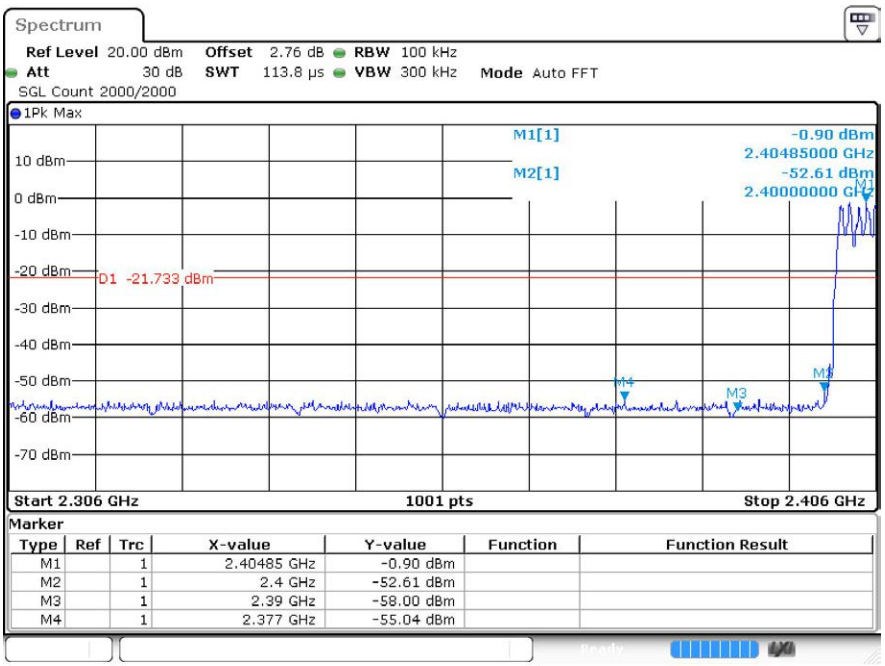
π/4DQPSK/LCH/Hop	

Ref	
π/4DQPSK/HCH/No Hop	

Ref	
π/4DQPSK/HCH/Hop	

Ref	
8DPSK/LCH/No Hop	

Ref	
8DPSK/LCH/Hop	

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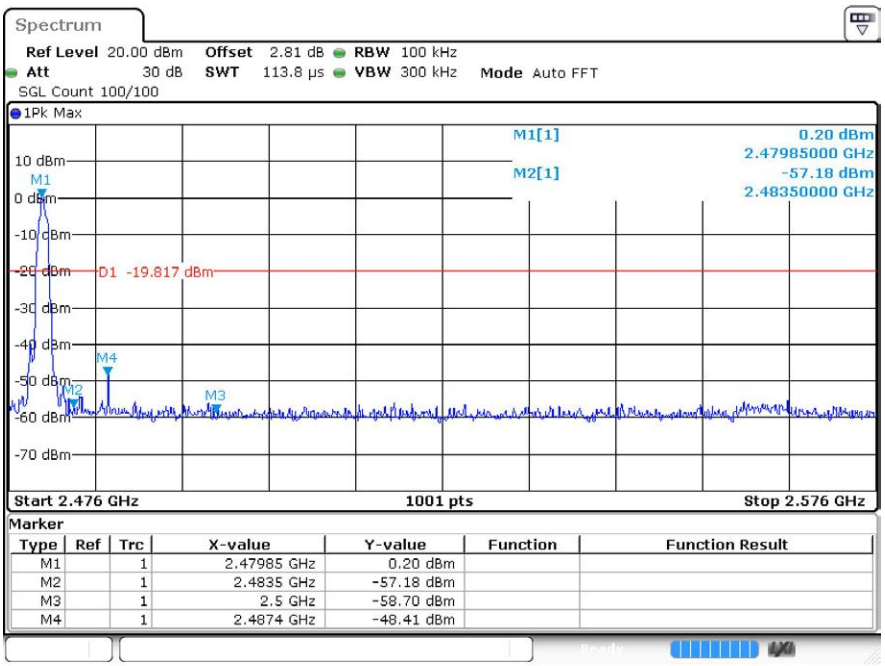
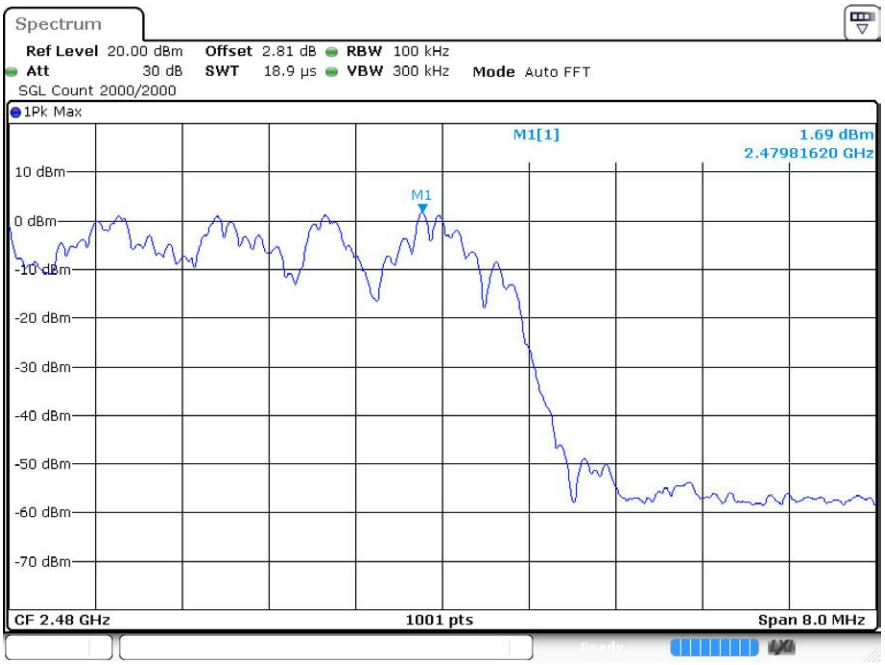
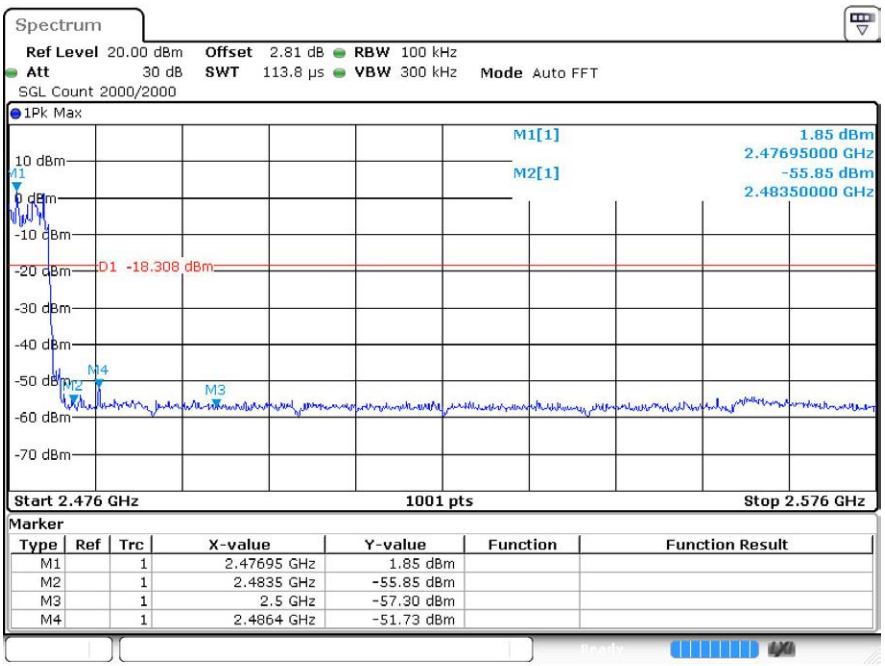
8DPSK/HCH/No Hop	

Ref	
8DPSK/HCH/Hop	

9 Restrict-band band-edge measurements

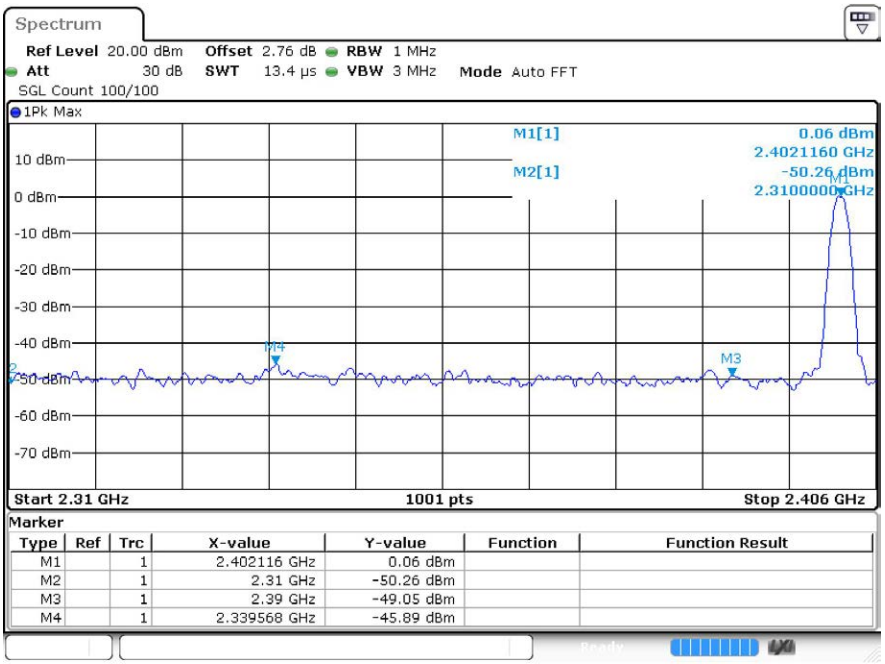
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-50.26	2	-	47	PEAK	74	Pass
	Off	2310.0	-56.35	2	5.04	45.95	AV	54	Pass
	Off	2339.568	-45.89	2	-	51.37	PEAK	74	Pass
	Off	2340.624	-54.47	2	5.04	47.83	AV	54	Pass
	Off	2390.0	-49.05	2	-	48.21	PEAK	74	Pass
	Off	2390.0	-57.02	2	5.04	45.28	AV	54	Pass
	Off	2483.5	-48.39	2	-	48.87	PEAK	74	Pass
	Off	2483.5	-55.98	2	4.97	46.25	AV	54	Pass
	Off	2497.6	-47.54	2	-	49.72	PEAK	74	Pass
	Off	2486.176	-55.52	2	4.97	46.71	AV	54	Pass
	Off	2500.0	-50.35	2	-	46.91	PEAK	74	Pass
	Off	2500.0	-56.86	2	4.97	45.37	AV	54	Pass
π/4DQPSK	Off	2310.0	-50.53	2	-	46.73	PEAK	74	Pass
	Off	2310.0	-56.48	2	4.94	45.72	AV	54	Pass
	Off	2339.088	-46.69	2	-	50.57	PEAK	74	Pass
	Off	2338.896	-54.31	2	4.94	47.89	AV	54	Pass
	Off	2390.0	-50.53	2	-	46.73	PEAK	74	Pass
	Off	2390.0	-57.18	2	4.94	45.02	AV	54	Pass
	Off	2483.5	-48.17	2	-	49.09	PEAK	74	Pass
	Off	2483.5	-57	2	4.95	45.21	AV	54	Pass
	Off	2491.288	-47.91	2	-	49.35	PEAK	74	Pass
	Off	2487.4	-55.47	2	4.95	46.74	AV	54	Pass
	Off	2500.0	-50.18	2	-	47.08	PEAK	74	Pass
	Off	2500.0	-56.07	2	4.95	46.14	AV	54	Pass
8DPSK	Off	2310.0	-50.51	2	-	46.75	PEAK	74	Pass
	Off	2310.0	-56.54	2	4.95	45.67	AV	54	Pass
	Off	2338.224	-46.17	2	-	51.09	PEAK	74	Pass
	Off	2338.704	-54.45	2	4.95	47.76	AV	54	Pass

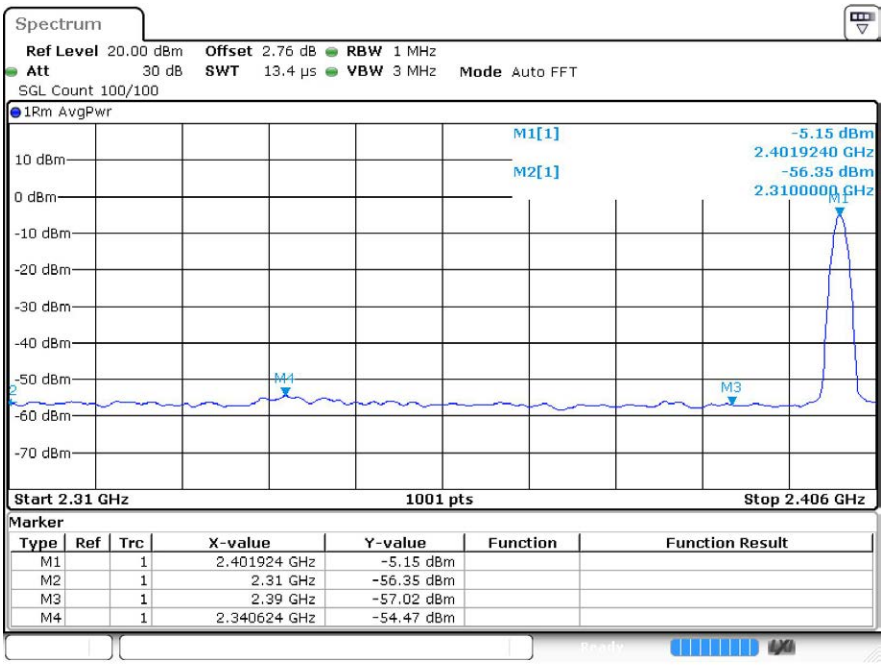
	Off	2390.0	-50.77	2	-	46.49	PEAK	74	Pass
	Off	2390.0	-56.89	2	4.95	45.32	AV	54	Pass
	Off	2483.5	-48.77	2	-	48.49	PEAK	74	Pass
	Off	2483.5	-55.67	2	4.95	46.54	AV	54	Pass
	Off	2487.424	-44.52	2	-	52.74	PEAK	74	Pass
	Off	2485.192	-55.37	2	4.95	46.84	AV	54	Pass
	Off	2500.0	-49.16	2	-	48.1	PEAK	74	Pass
	Off	2500.0	-56.5	2	4.95	45.71	AV	54	Pass

9.2 Test Graphs

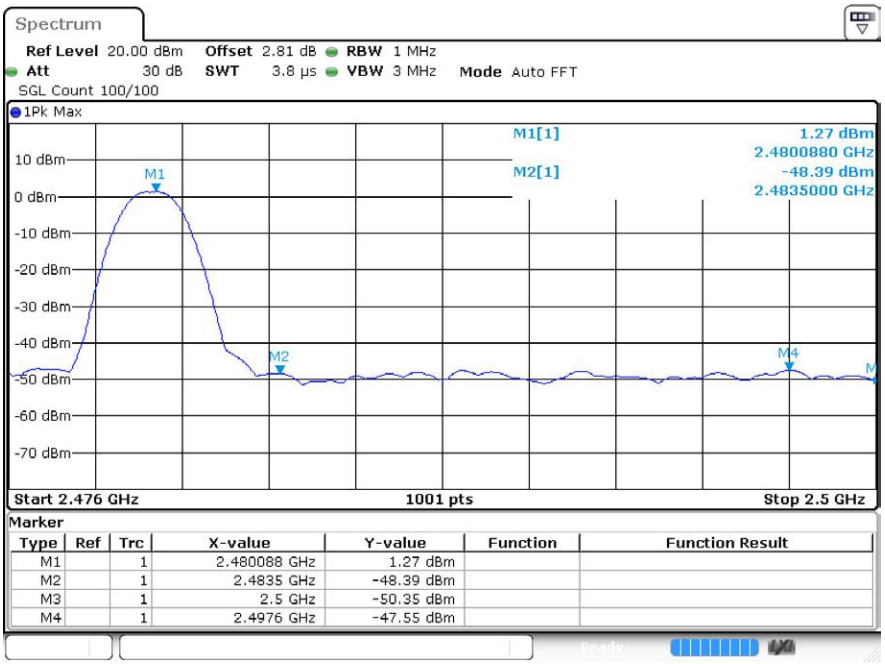
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



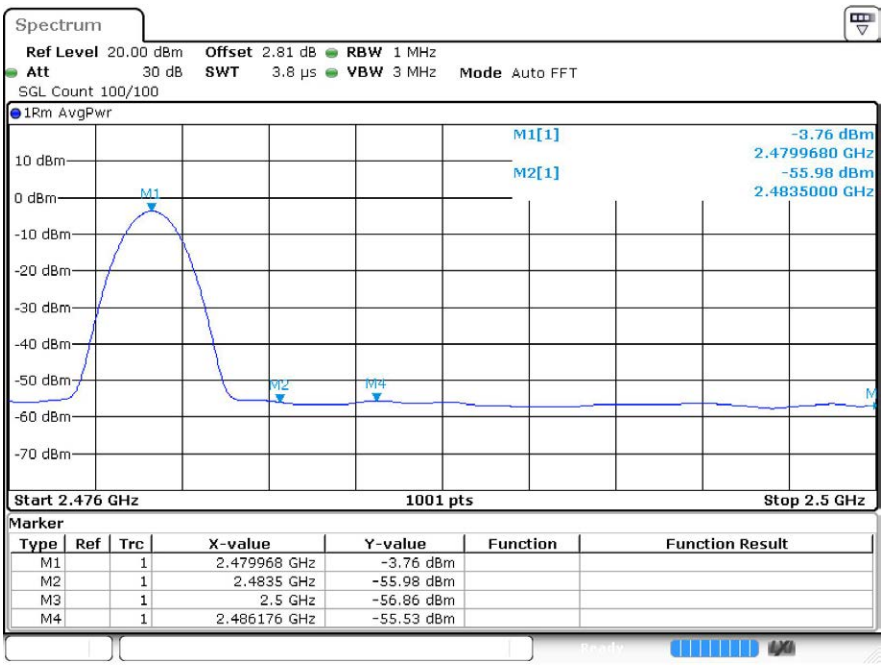
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



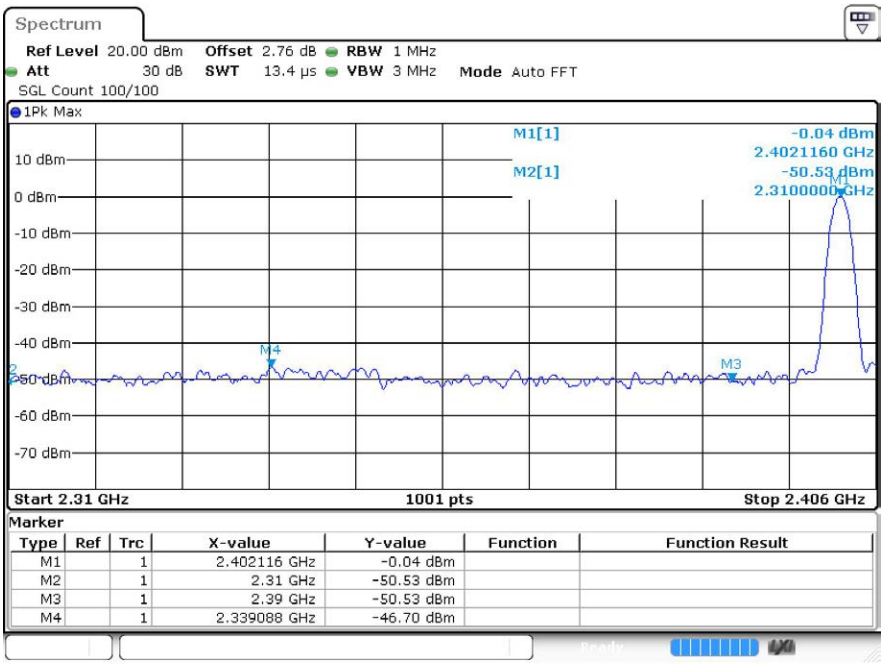
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



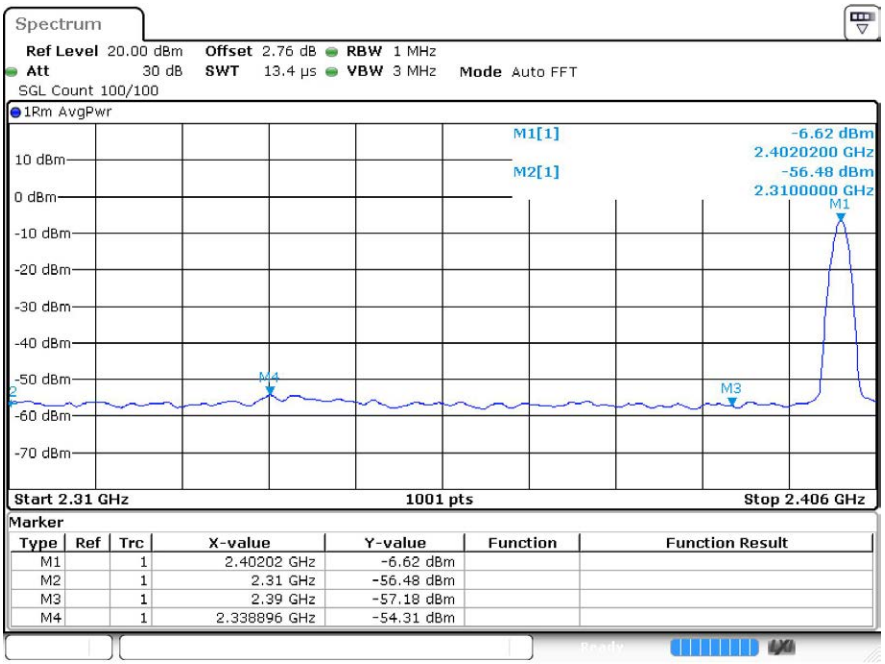
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



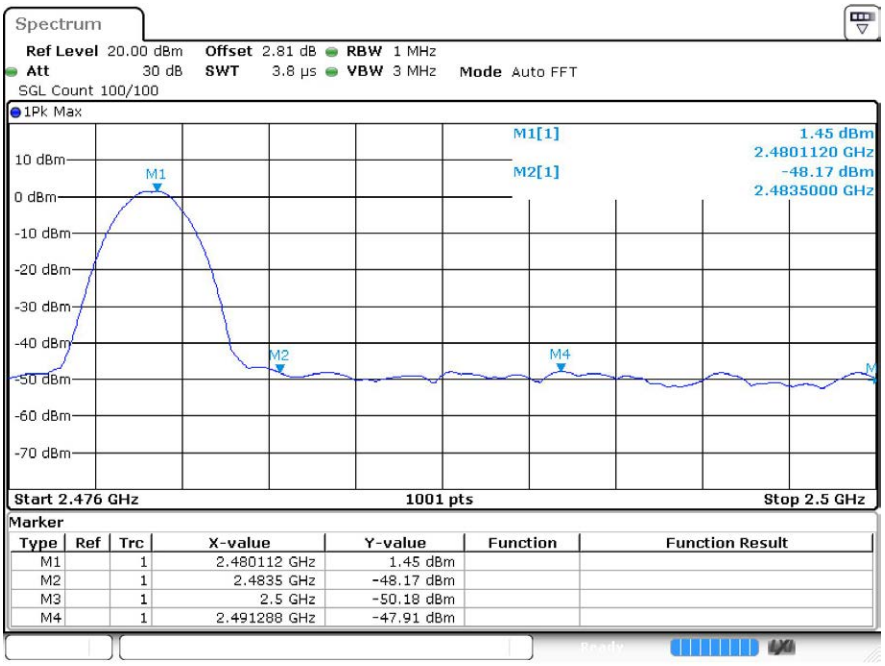
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



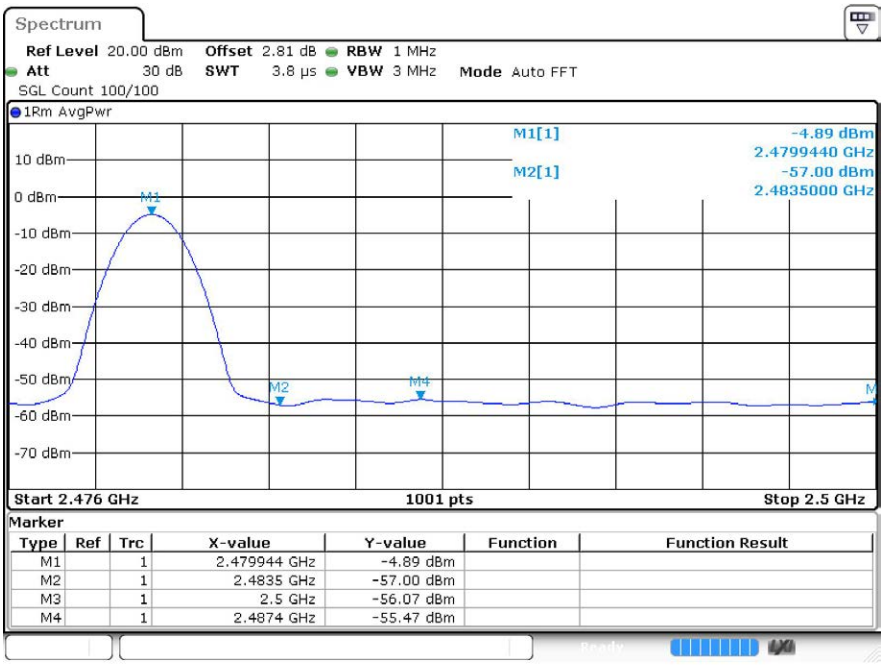
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



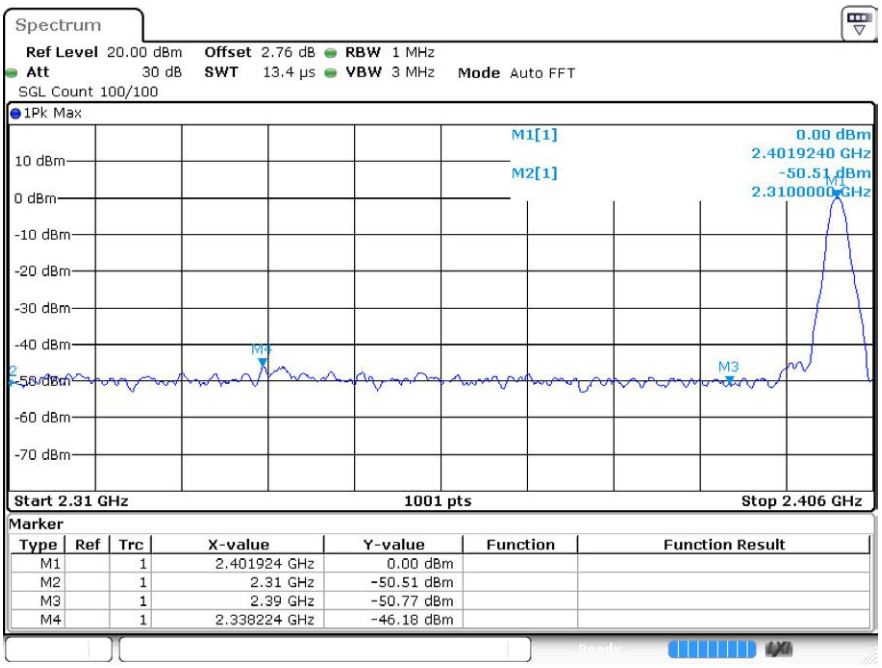
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



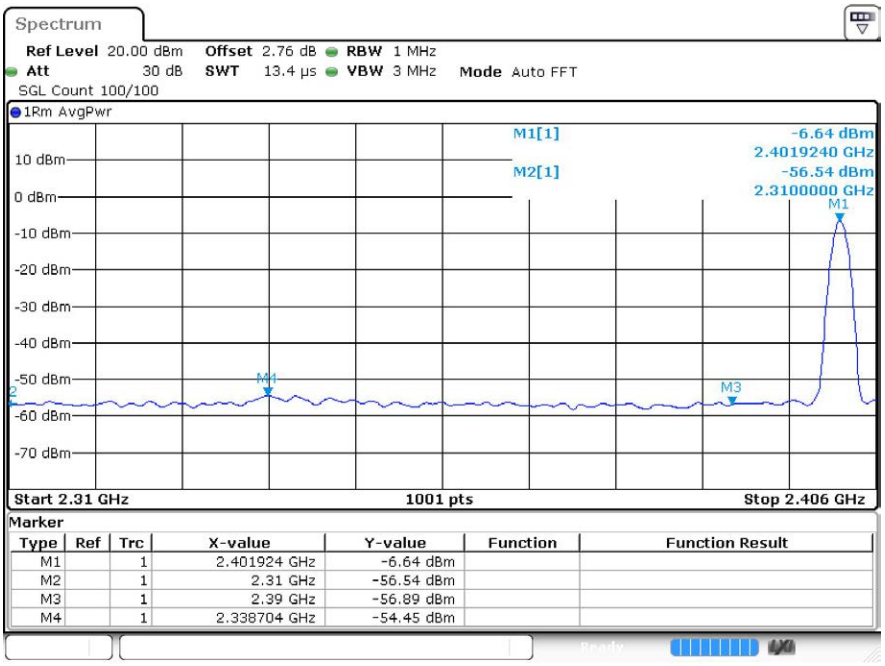
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



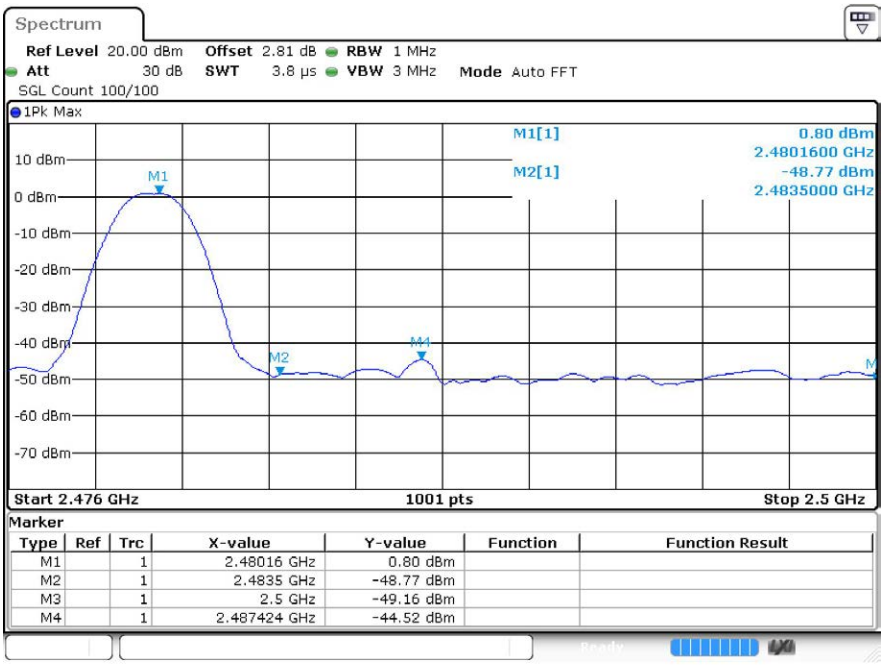
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



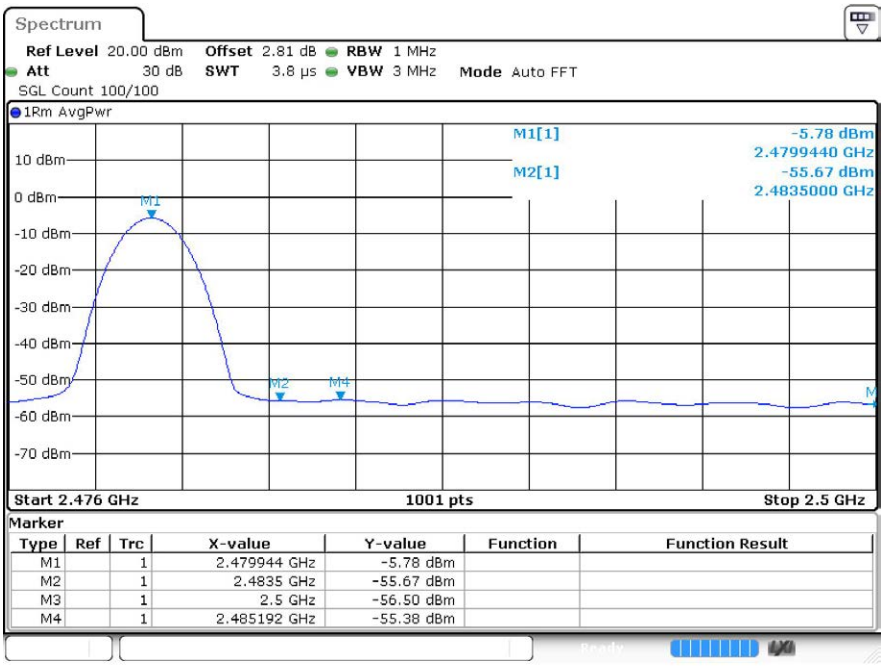
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---