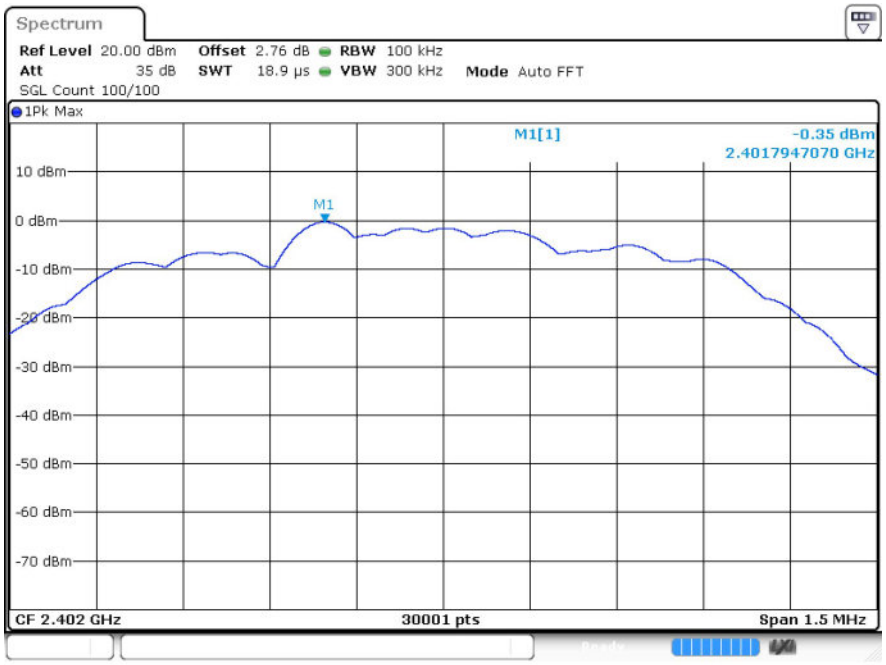
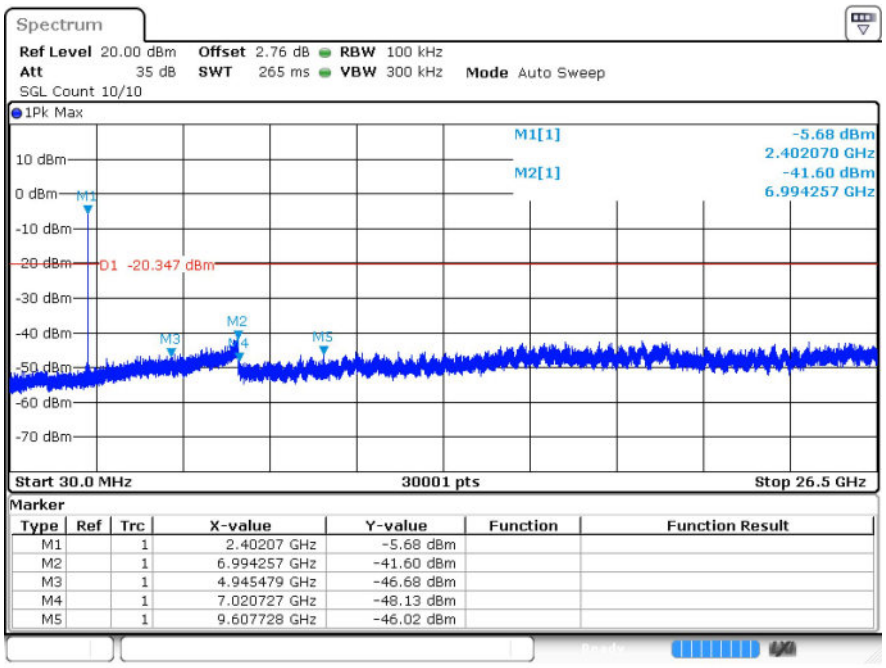
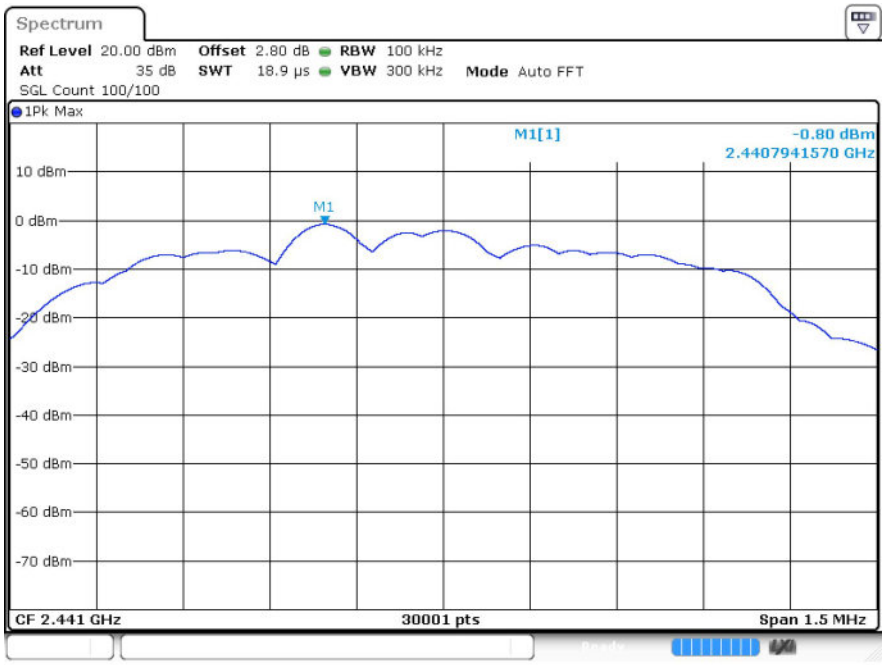
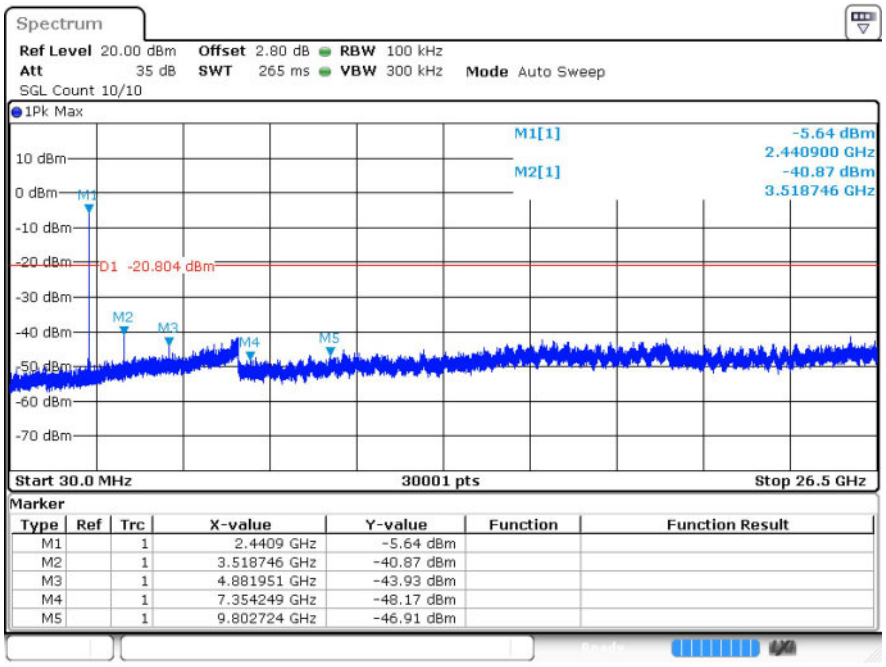
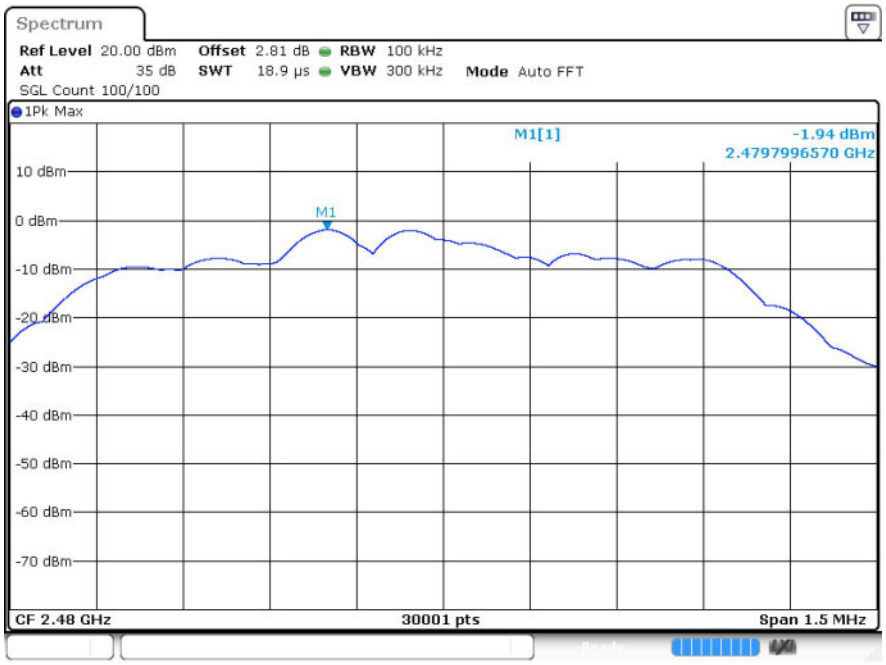
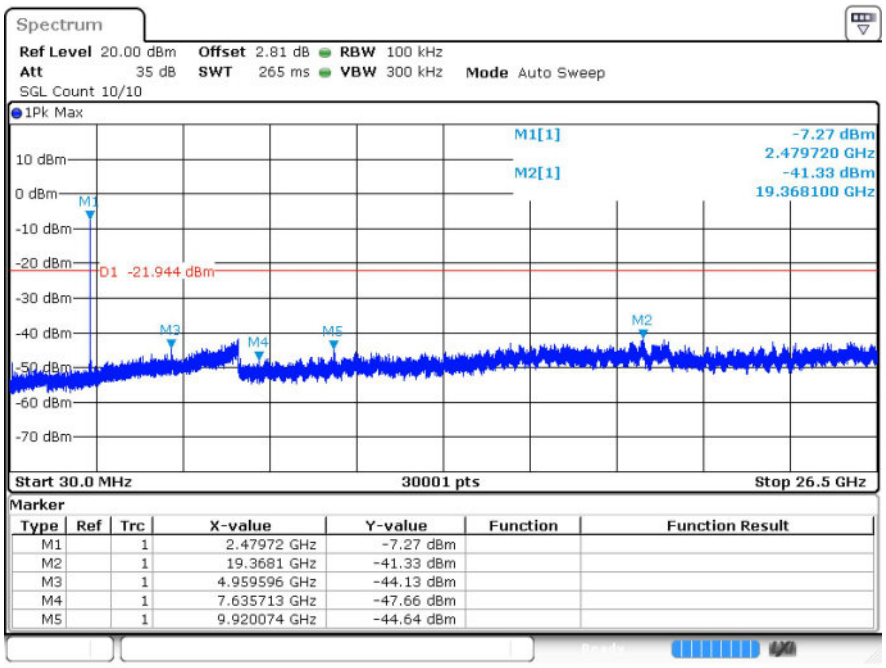
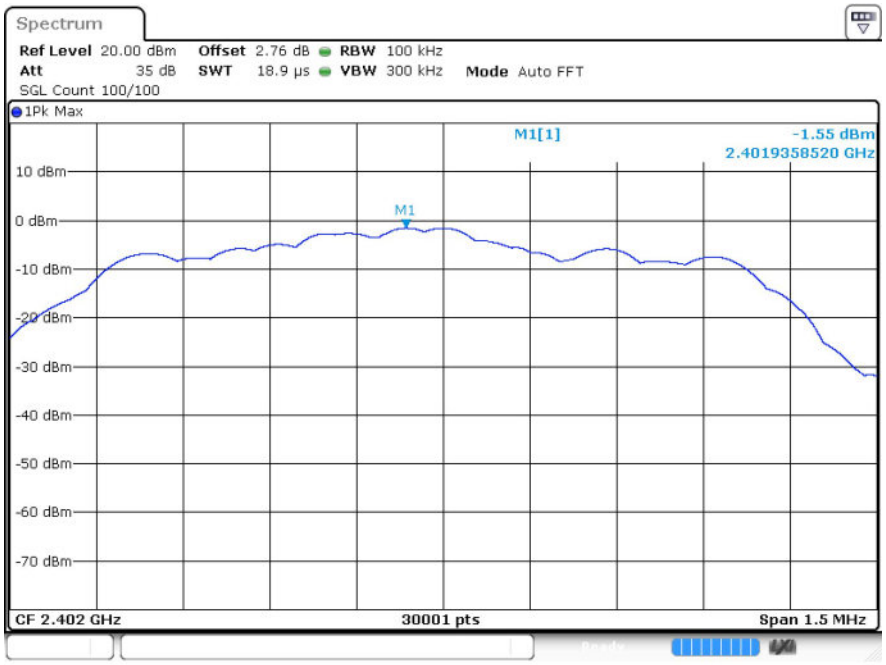
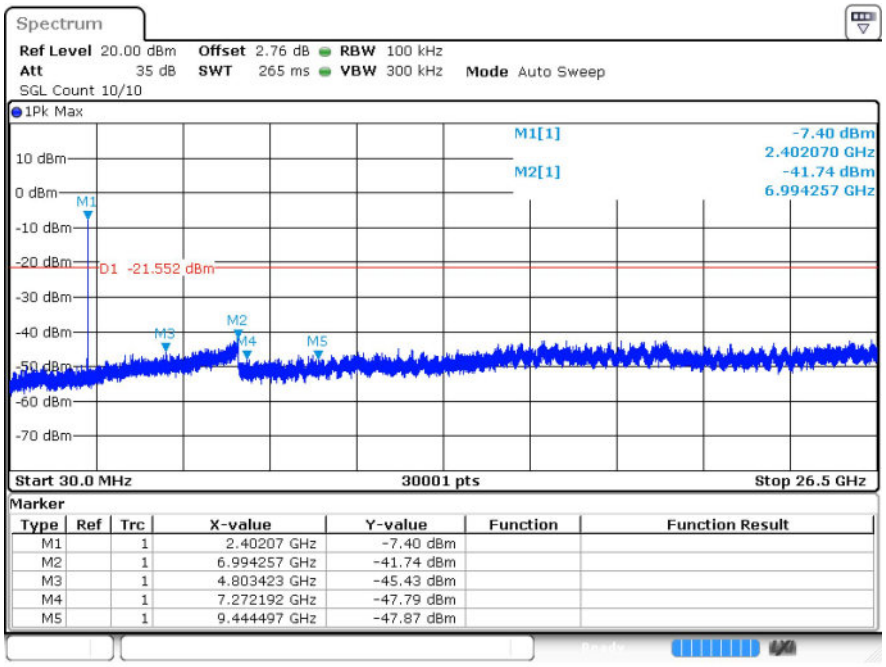
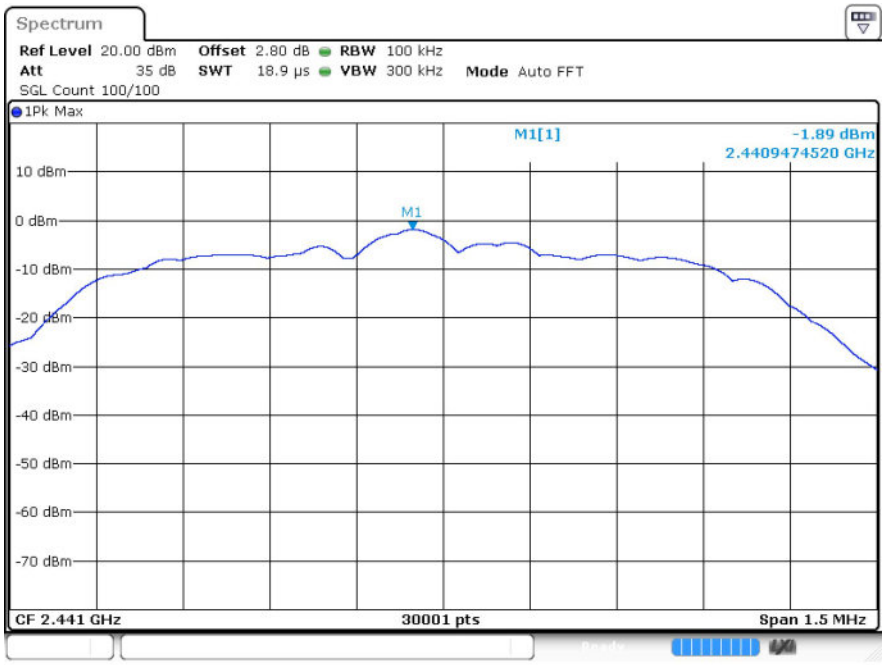
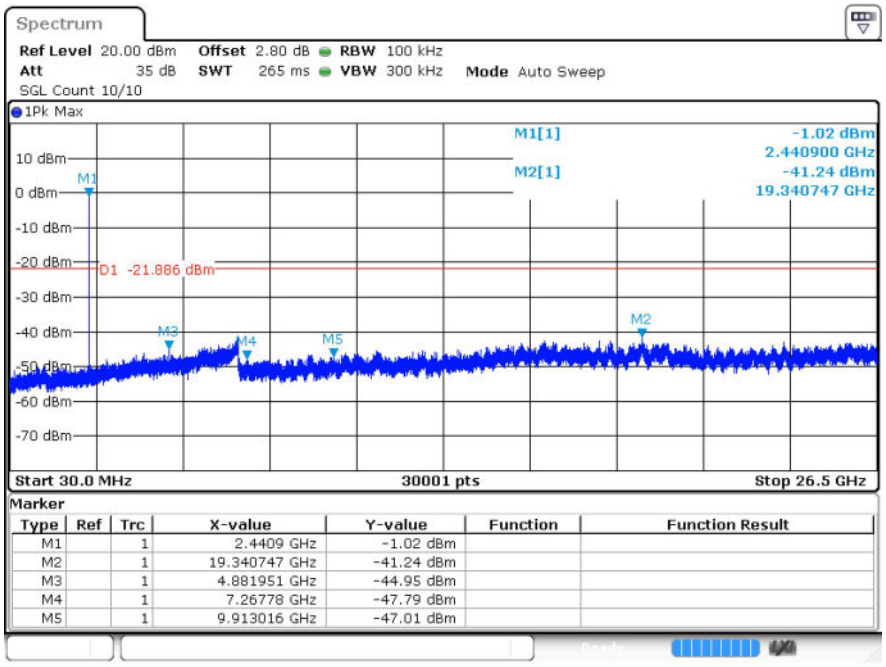
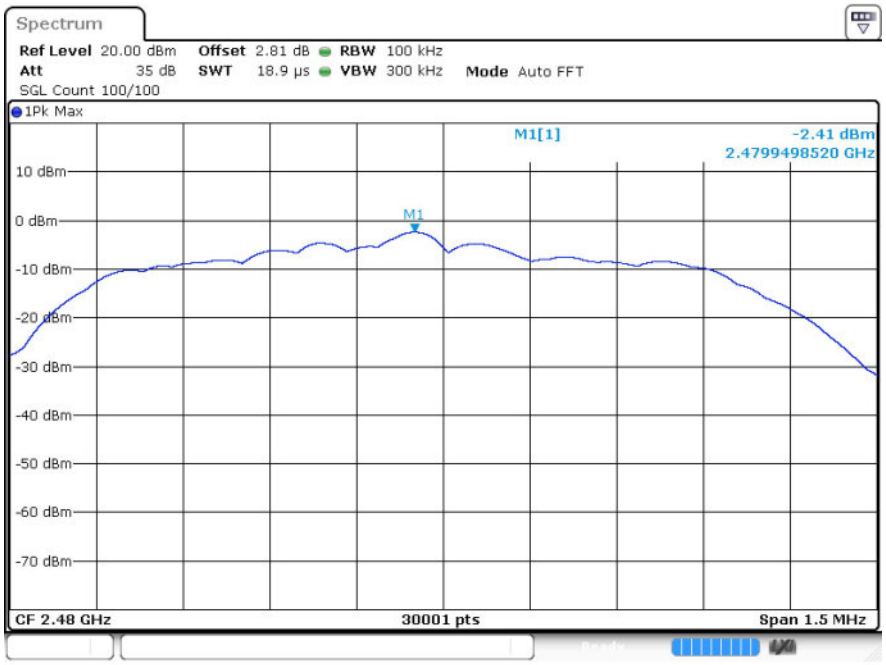
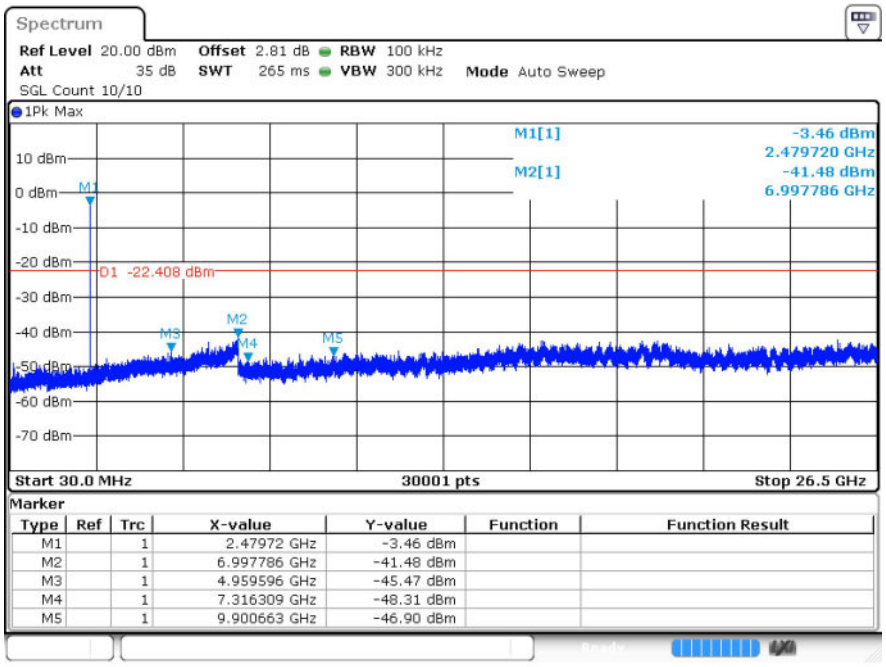
π/4DQPSK_LCH_Graphs	
Pref	
Puw	

π/4DQPSK_MCH_Graphs	
Pref	
Puw	

π/4DQPSK_HCH_Graphs	
Pref	
Puw	

8DPSK_LCH_Graphs	
Pref	
Puw	

8DPSK_MCH_Graphs	
Pref	
Puw	

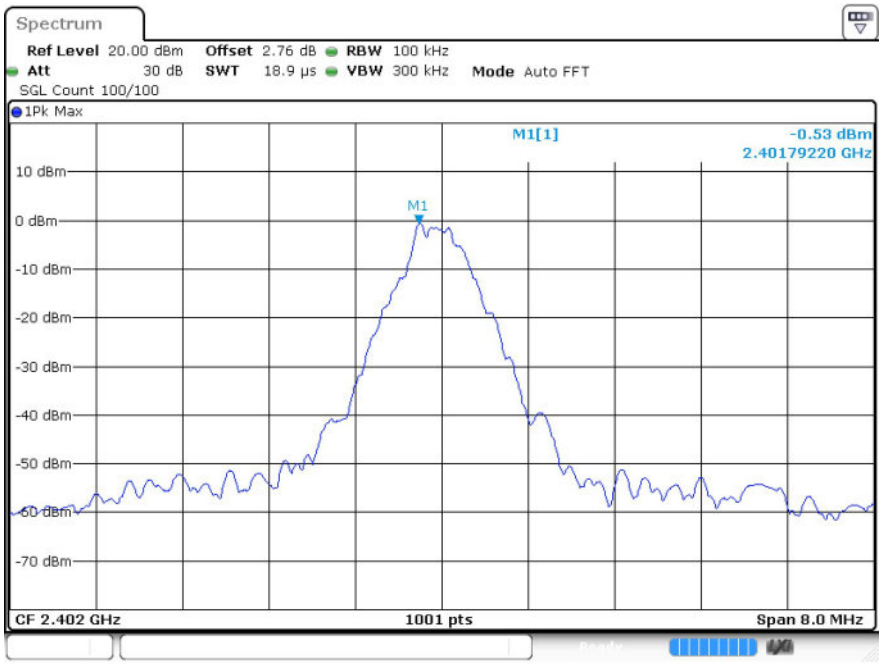
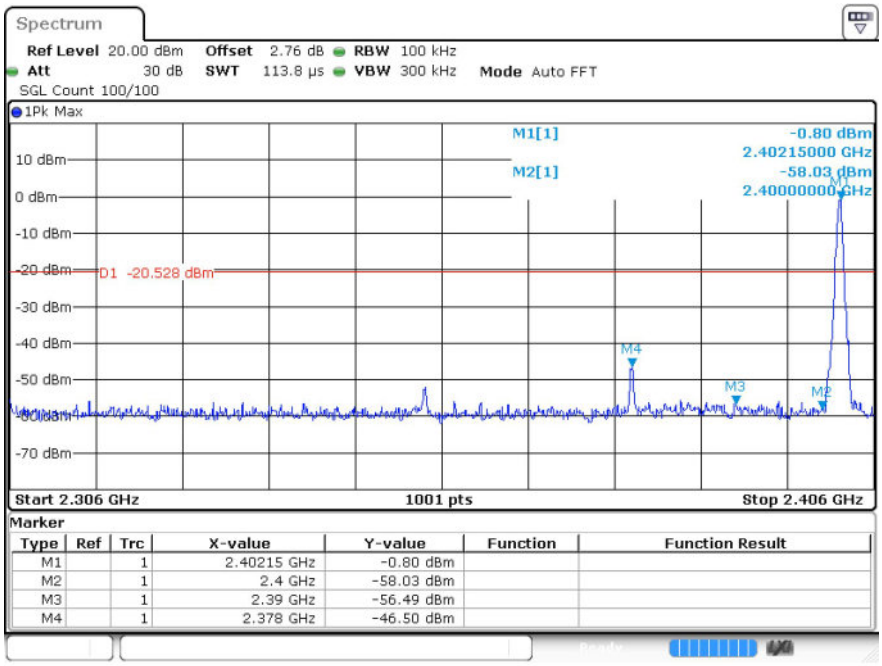
8DPSK_HCH_Graphs	
Pref	
Puw	

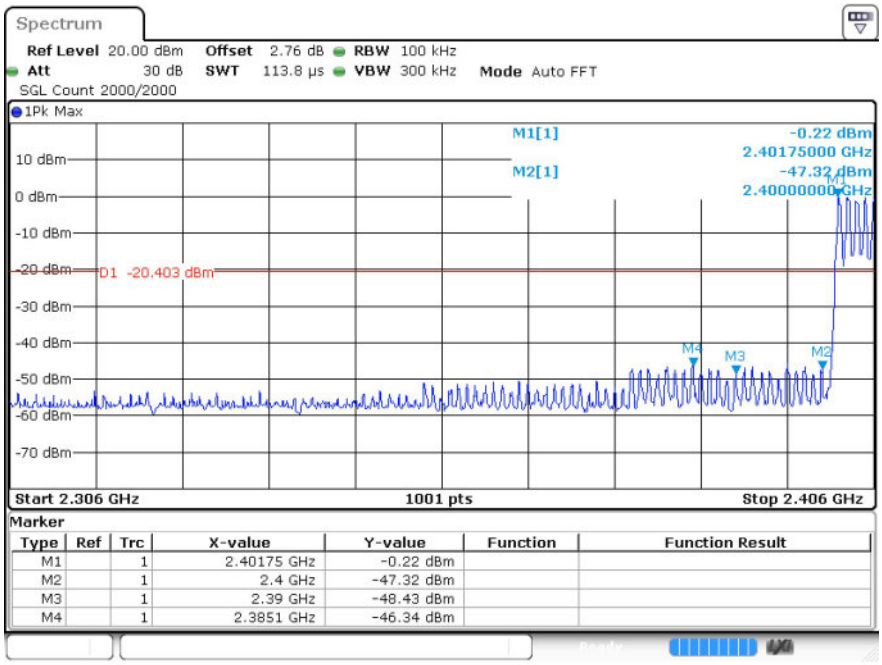
8 Band-edge for RF Conducted Emissions

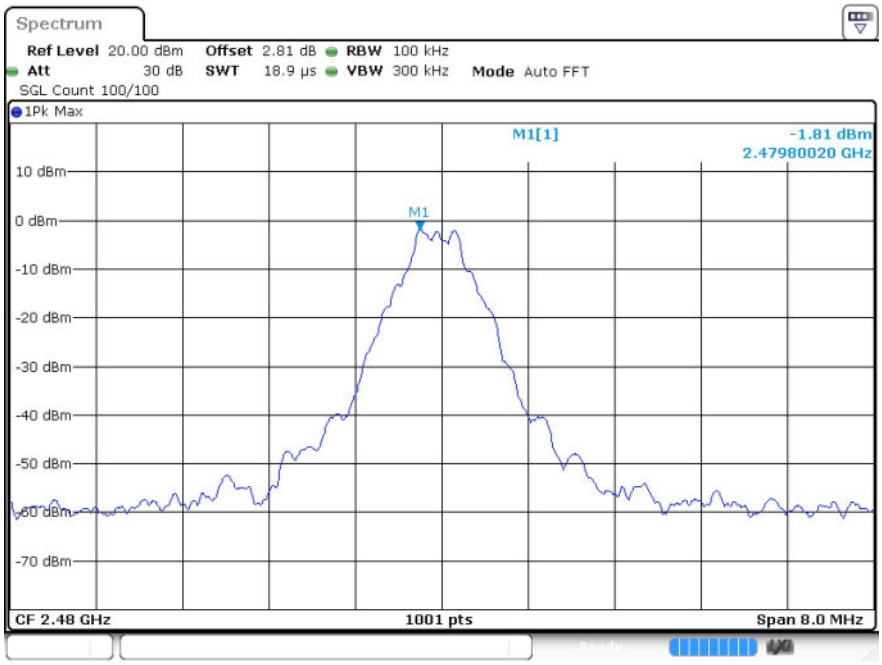
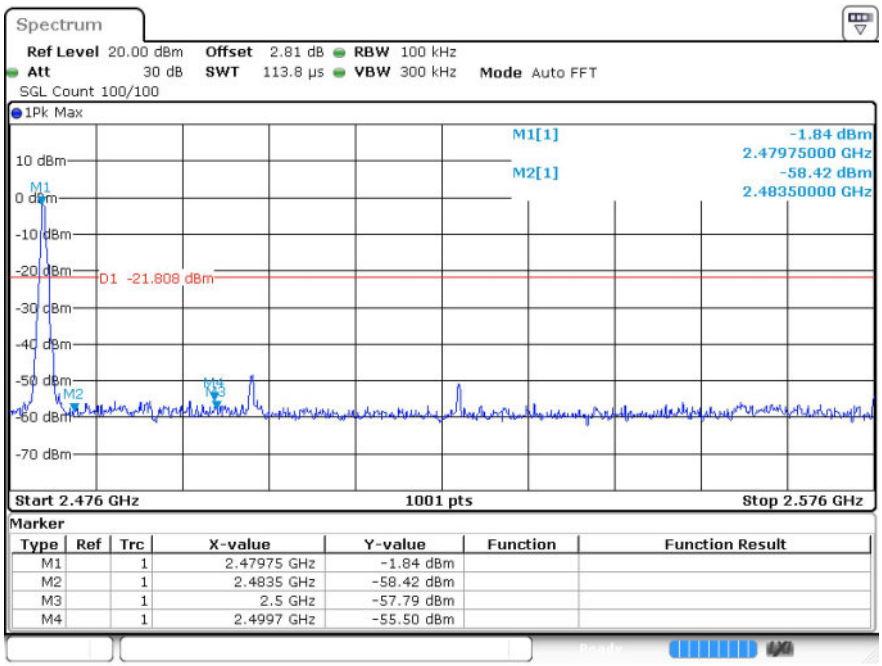
8.1 Test Result

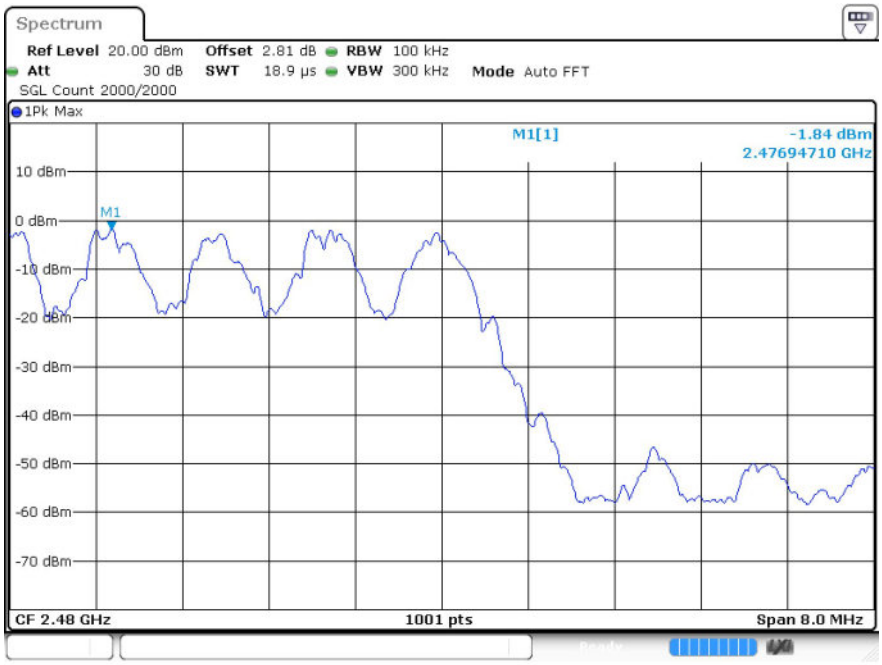
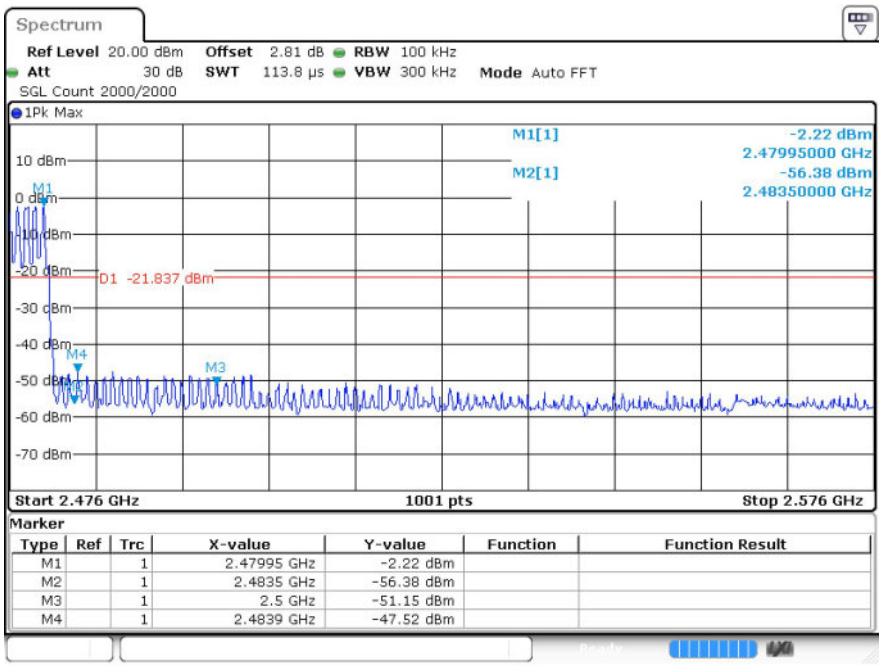
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-45.97	-20	Pass
			On	-45.93	-20	Pass
	HCH	2480	Off	-53.68	-20	Pass
			On	-45.68	-20	Pass
π/4DQPSK	LCH	2402	Off	-46.64	-20	Pass
			On	-45.83	-20	Pass
	HCH	2480	Off	-52.47	-20	Pass
			On	-46.49	-20	Pass
8DPSK	LCH	2402	Off	-46.26	-20	Pass
			On	-46.42	-20	Pass
	HCH	2480	Off	-53.48	-20	Pass
			On	-46	-20	Pass

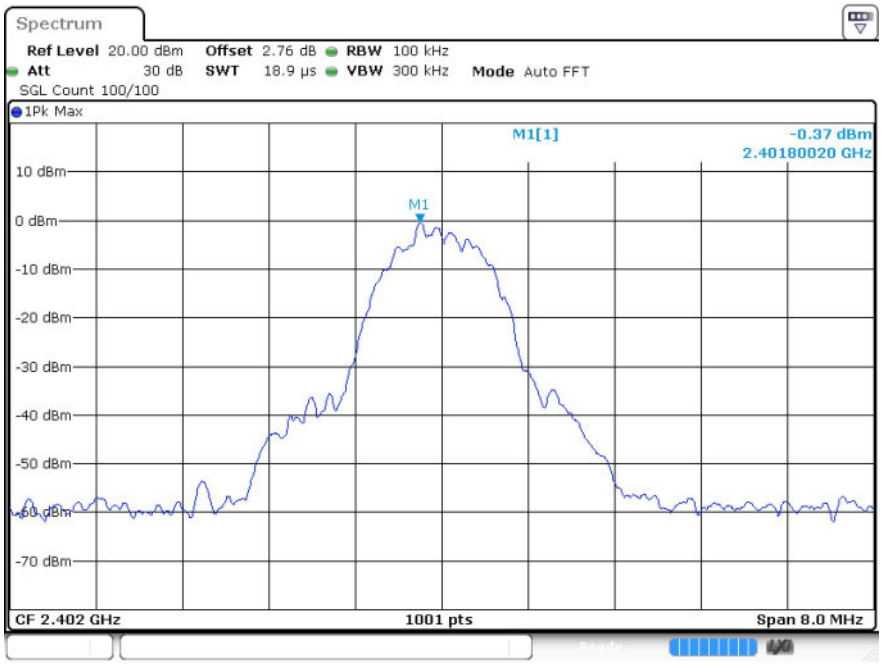
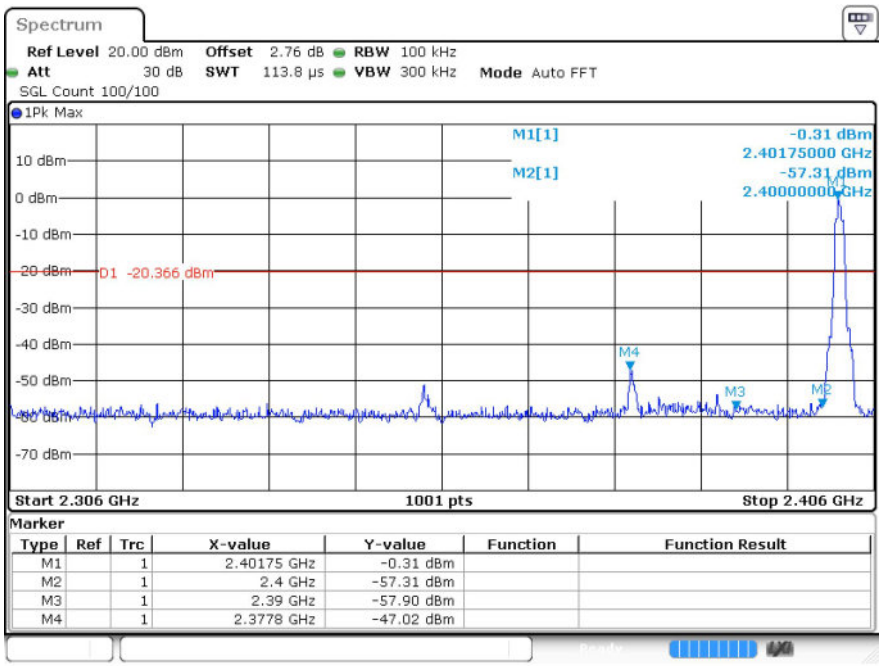
8.2 Test Graphs

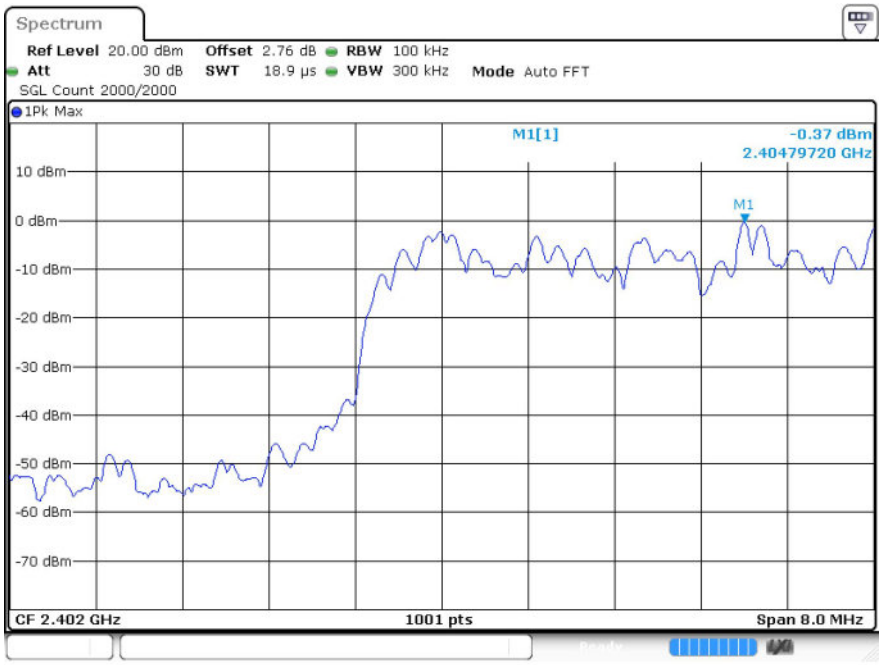
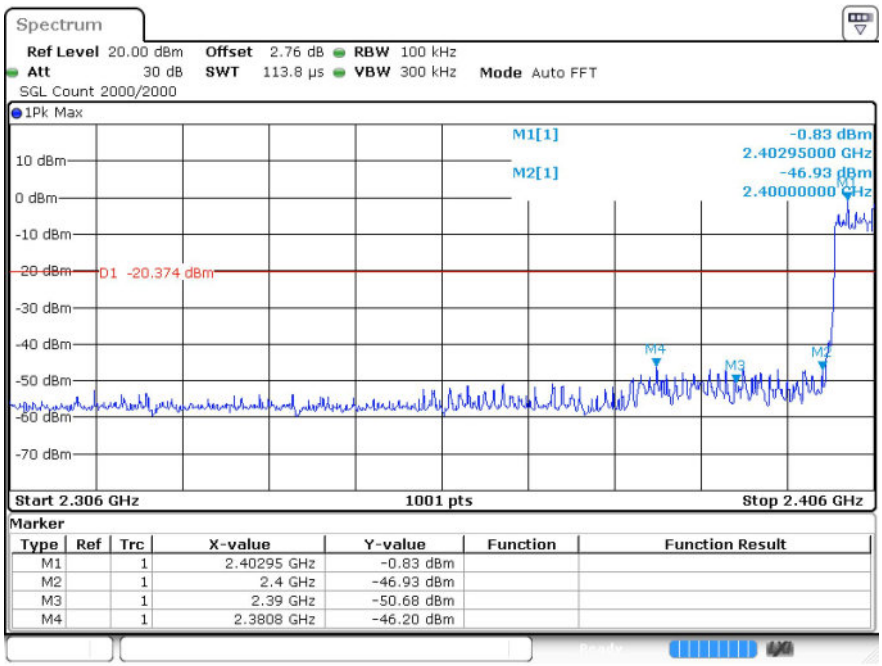
Test Graphs	
Pref	
GFSK/LCH/No Hop	

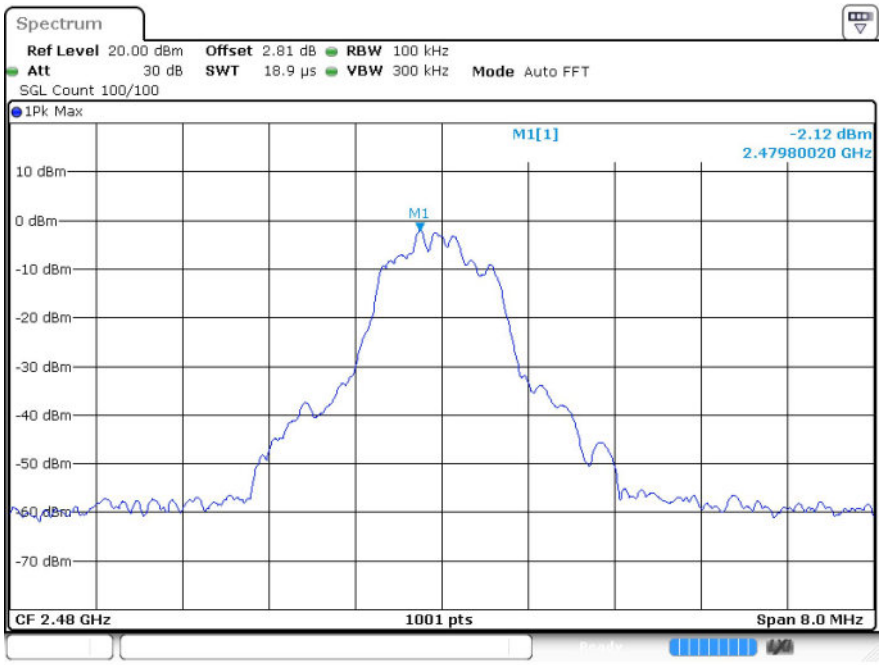
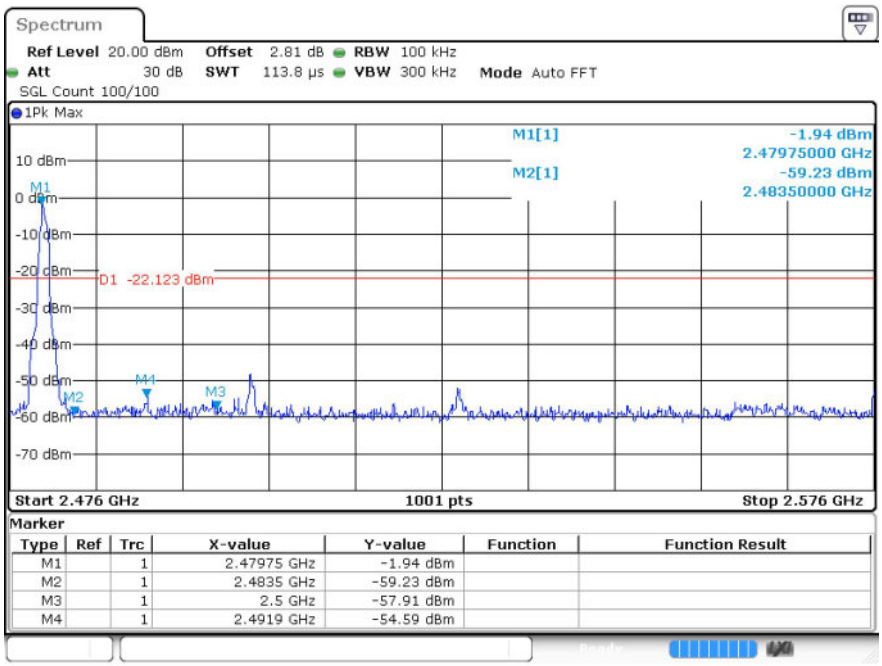
Ref	
GFSK/LCH/Hop	

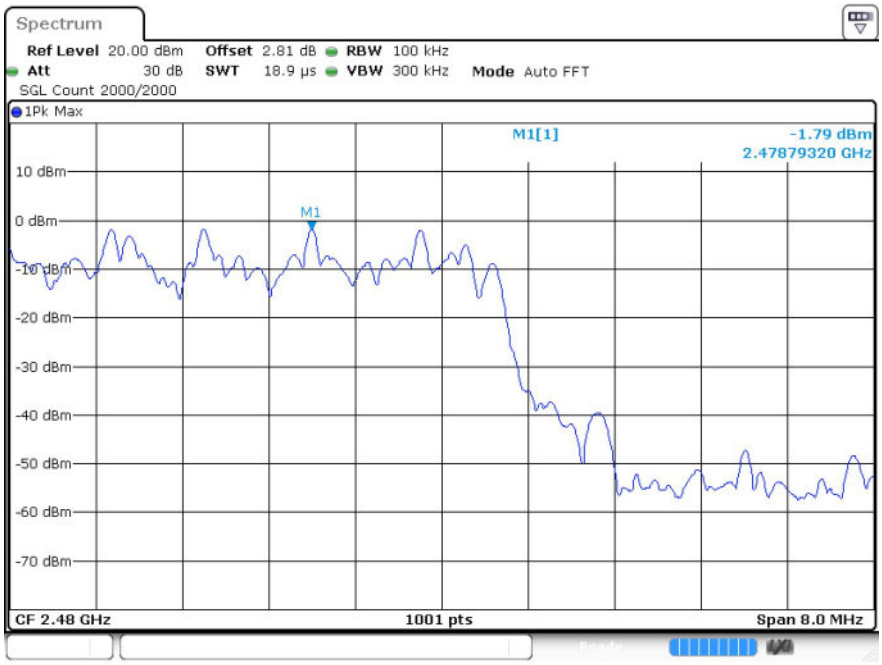
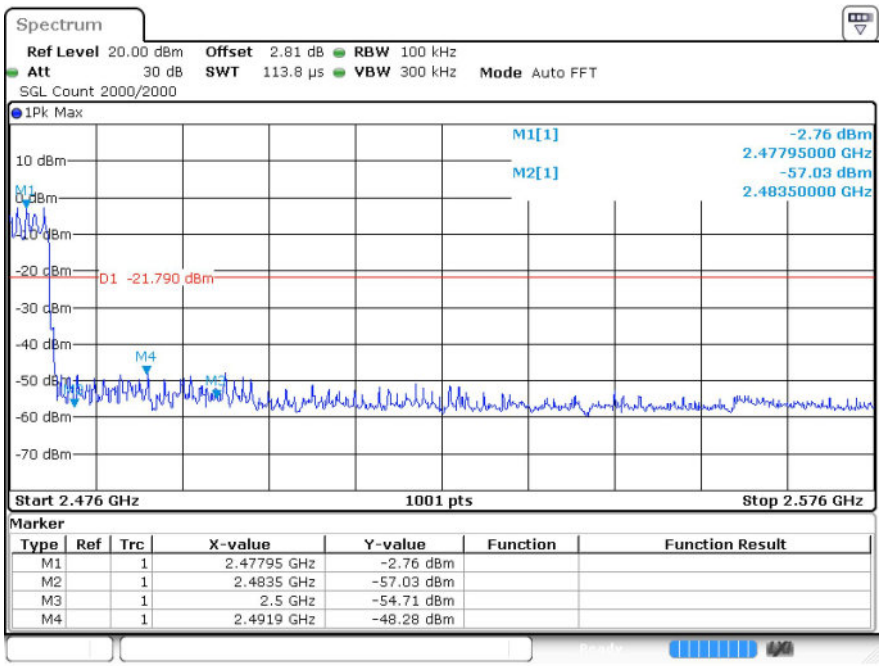
Ref	
GFSK/HCH/No Hop	

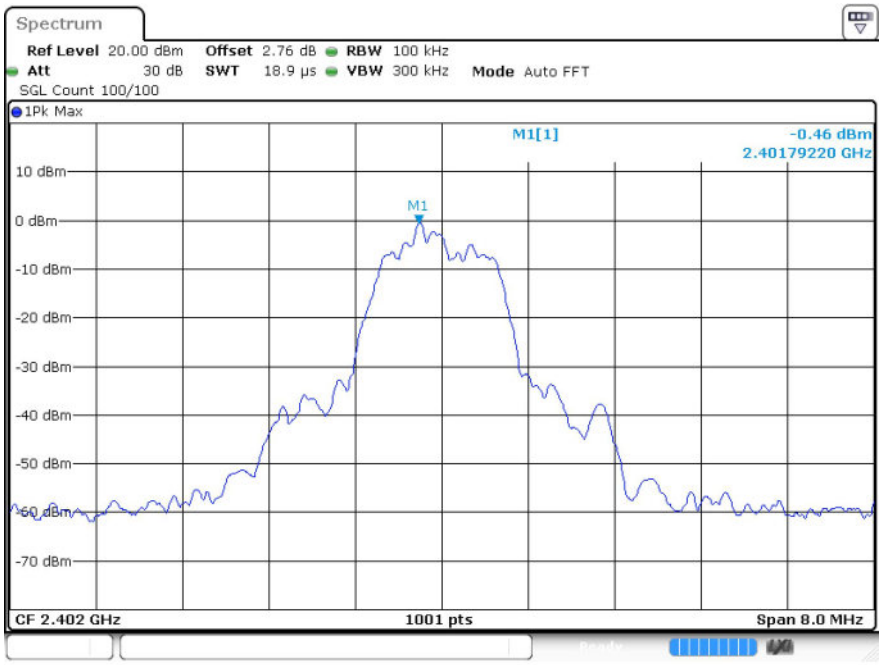
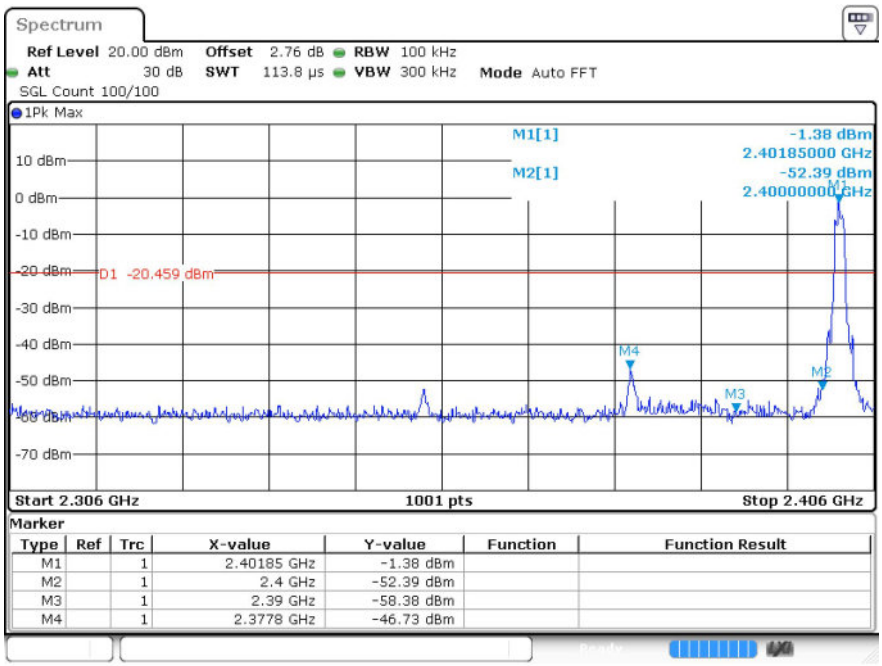
Ref.	
GFSK/HCH/Hop	

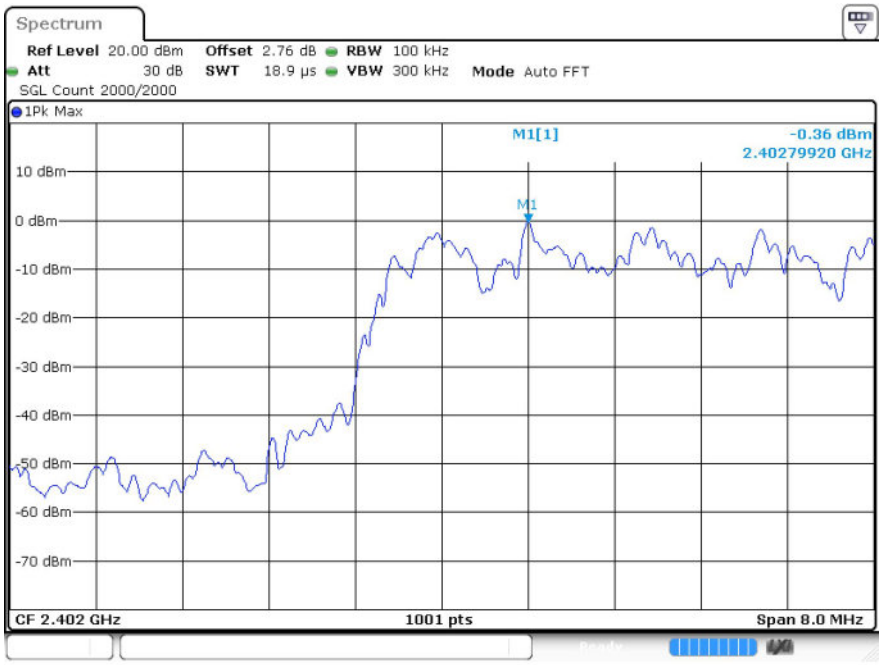
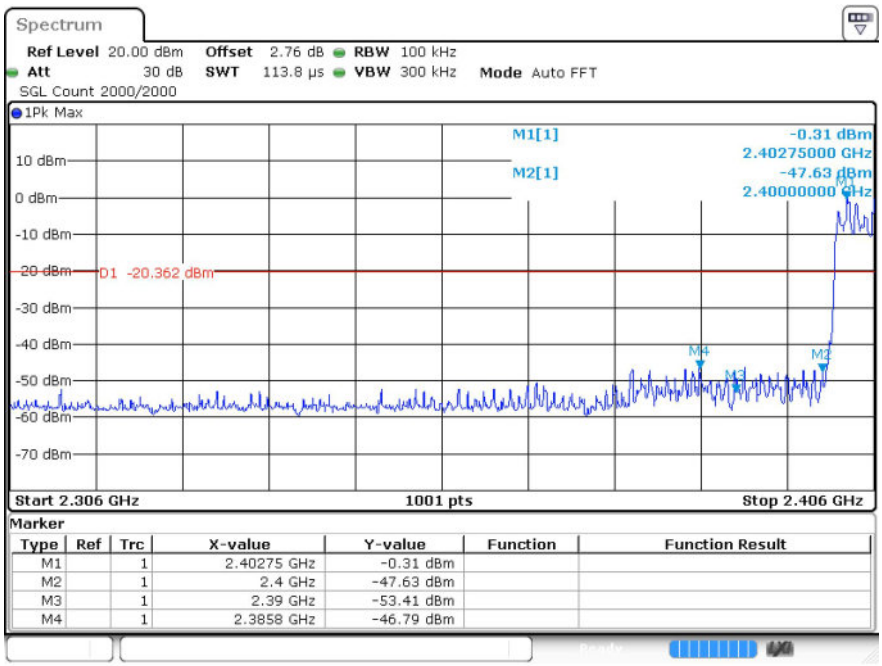
Ref	
π/4DQPSK/LCH/No Hop	

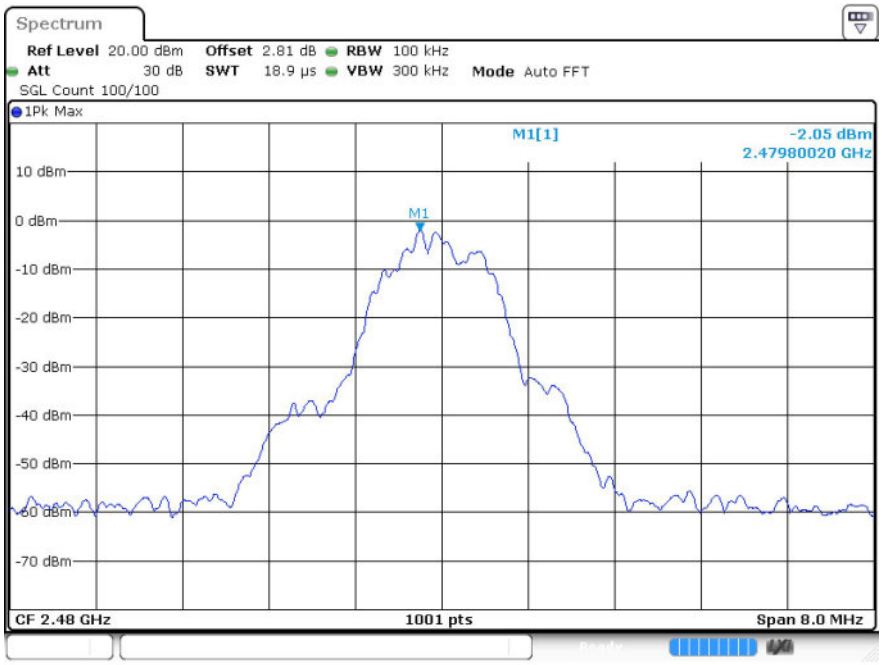
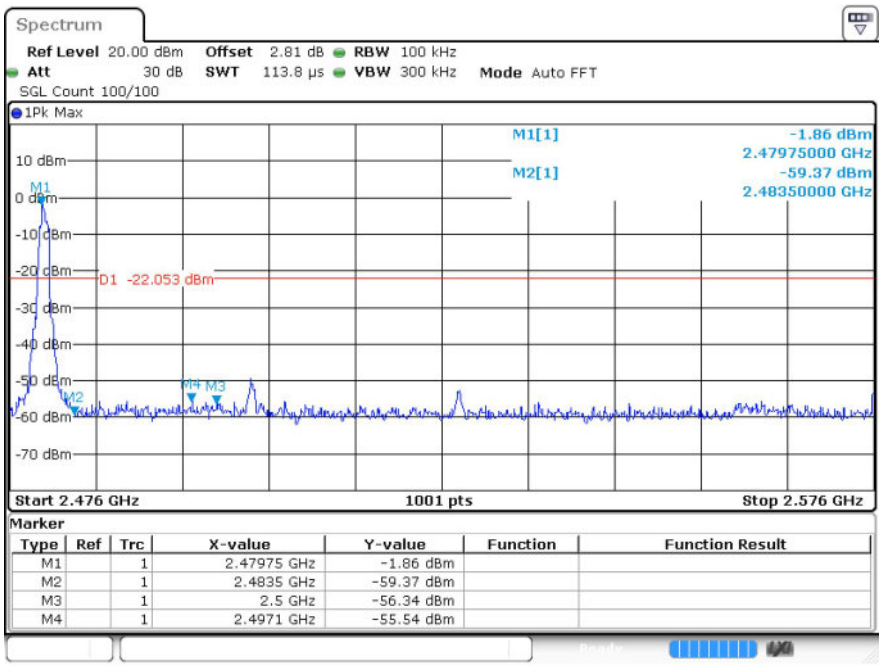
Ref	
π/4DQPSK/LCH/Hop	

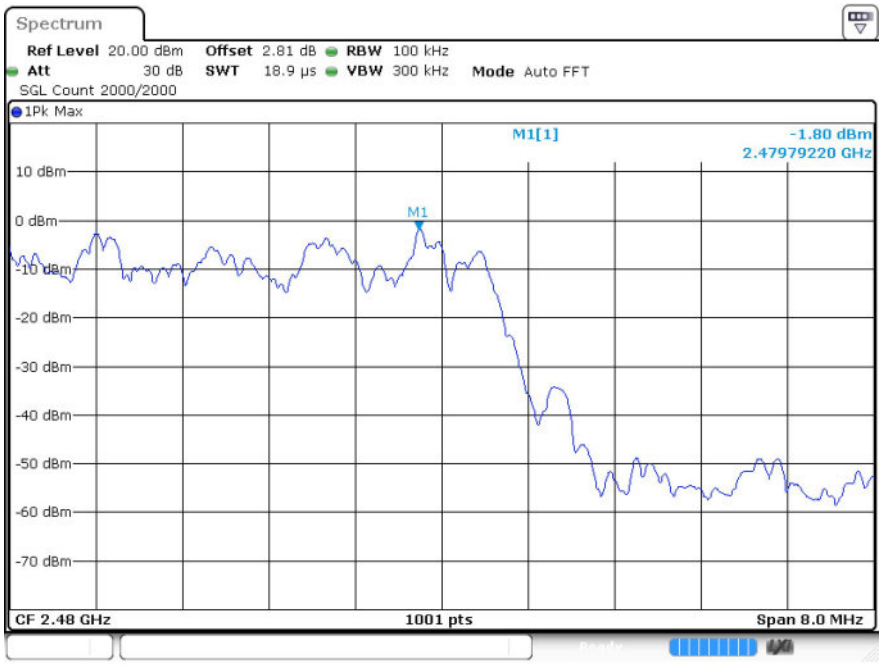
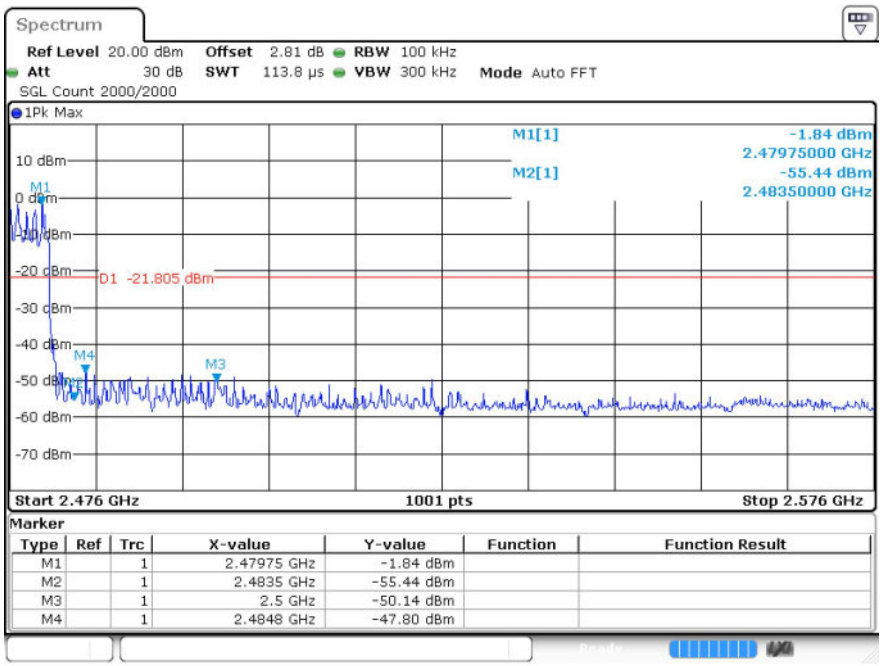
Ref	
π/4DQPSK/HCH/No Hop	

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

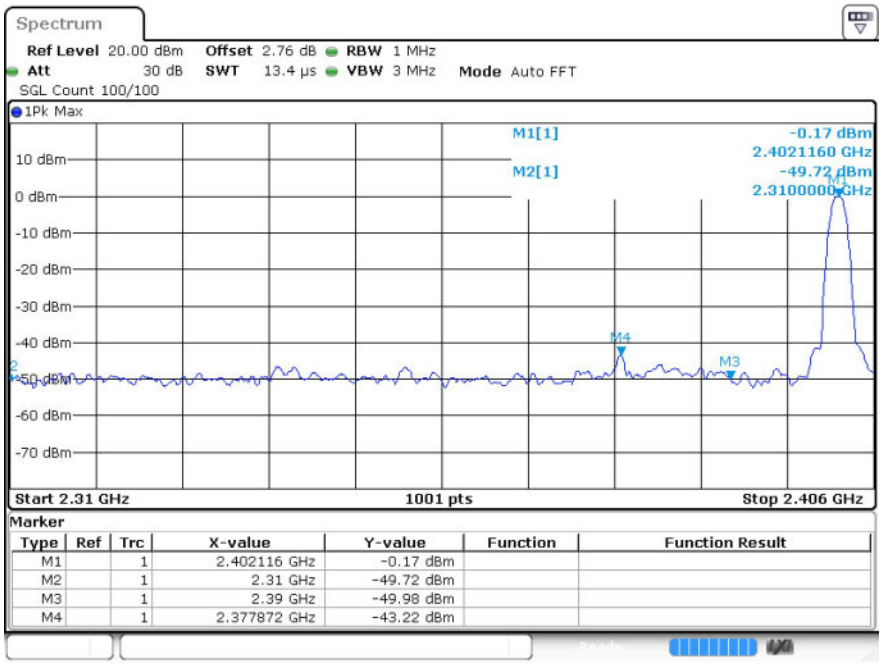
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-49.72	2	-	47.54	PEAK	74	Pass
	Off	2310.0	-57.86	2	5.14	44.54	AV	54	Pass
	Off	2377.872	-43.21	2	-	54.05	PEAK	74	Pass
	Off	2377.968	-51.13	2	5.14	51.27	AV	54	Pass
	Off	2390.0	-49.98	2	-	47.28	PEAK	74	Pass
	Off	2390.0	-56.99	2	5.14	45.41	AV	54	Pass
	Off	2483.5	-50.11	2	-	47.15	PEAK	74	Pass
	Off	2483.5	-56.01	2	5.06	46.31	AV	54	Pass
	Off	2491.768	-46.9	2	-	50.36	PEAK	74	Pass
	Off	2488.6	-55.29	2	5.06	47.03	AV	54	Pass
	Off	2500.0	-49.2	2	-	48.06	PEAK	74	Pass
	Off	2500.0	-56.67	2	5.06	45.65	AV	54	Pass
π/4DQPSK	Off	2310.0	-50.67	2	-	46.59	PEAK	74	Pass
	Off	2310.0	-55.99	2	4.95	46.22	AV	54	Pass
	Off	2377.776	-42.9	2	-	54.36	PEAK	74	Pass
	Off	2377.968	-51.47	2	4.95	50.74	AV	54	Pass
	Off	2390.0	-48.54	2	-	48.72	PEAK	74	Pass
	Off	2390.0	-56.59	2	4.95	45.62	AV	54	Pass
	Off	2483.5	-49.08	2	-	48.18	PEAK	74	Pass
	Off	2483.5	-56.63	2	5.03	45.66	AV	54	Pass
	Off	2498.68	-46	2	-	51.26	PEAK	74	Pass
	Off	2484.544	-55.32	2	5.03	46.97	AV	54	Pass
	Off	2500.0	-49.09	2	-	48.17	PEAK	74	Pass
	Off	2500.0	-55.93	2	5.03	46.36	AV	54	Pass
8DPSK	Off	2310.0	-49.15	2	-	48.11	PEAK	74	Pass
	Off	2310.0	-56.96	2	4.95	45.25	AV	54	Pass
	Off	2377.968	-43.49	2	-	53.77	PEAK	74	Pass
	Off	2377.968	-50.86	2	4.95	51.35	AV	54	Pass

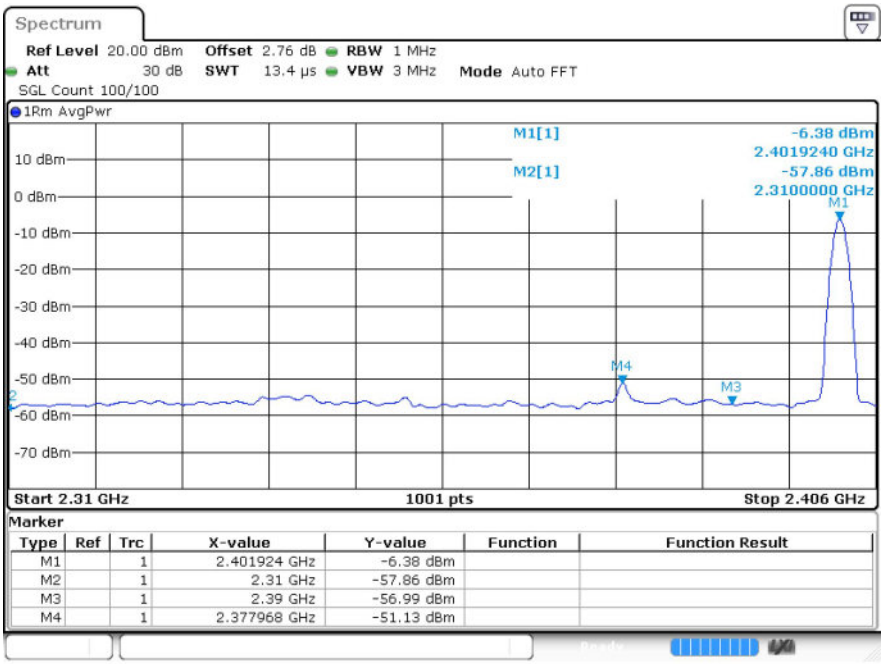
	Off	2390.0	-48.33	2	-	48.93	PEAK	74	Pass
	Off	2390.0	-56.8	2	4.95	45.41	AV	54	Pass
	Off	2483.5	-47.42	2	-	49.84	PEAK	74	Pass
	Off	2483.5	-56.38	2	5	45.88	AV	54	Pass
	Off	2492.56	-45.38	2	-	51.88	PEAK	74	Pass
	Off	2484.064	-55.56	2	5	46.7	AV	54	Pass
	Off	2500.0	-49.71	2	-	47.55	PEAK	74	Pass
	Off	2500.0	-56.27	2	5	45.99	AV	54	Pass

9.2 Test Graphs

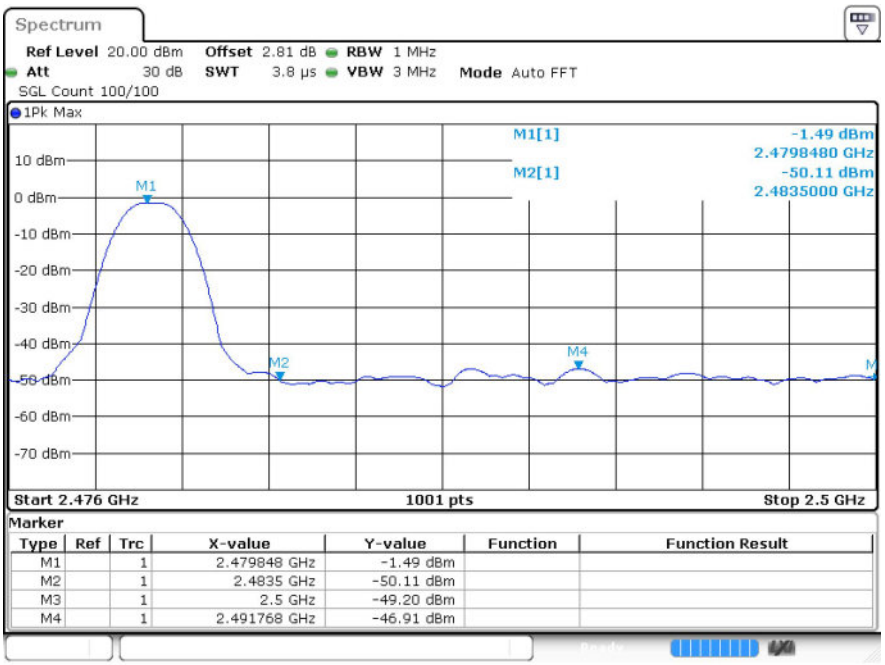
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



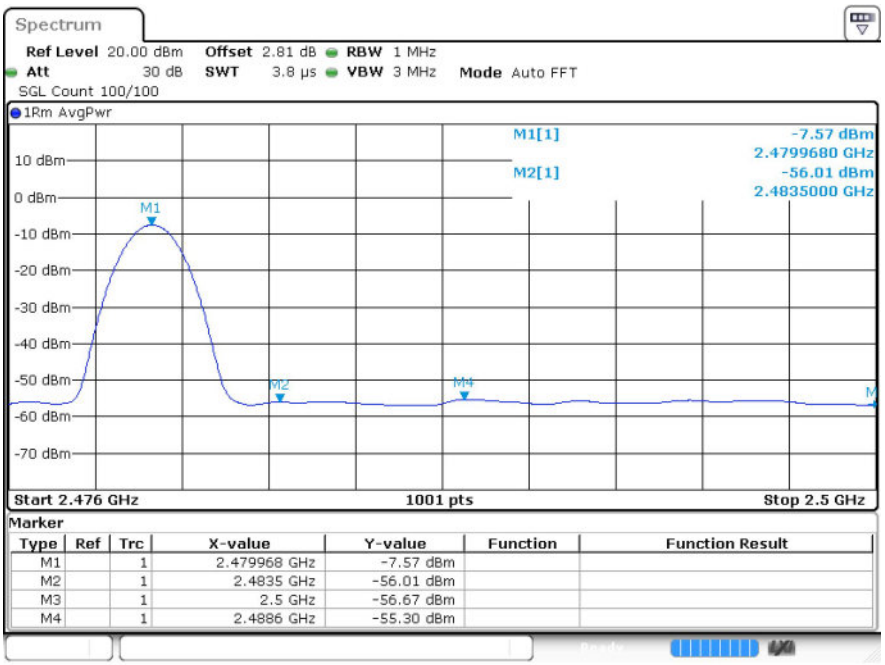
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



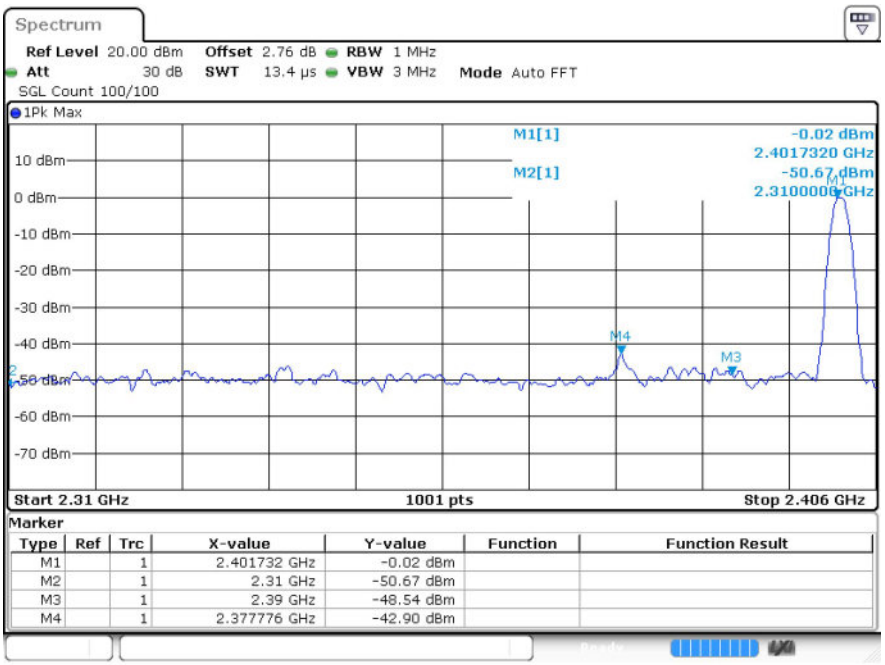
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



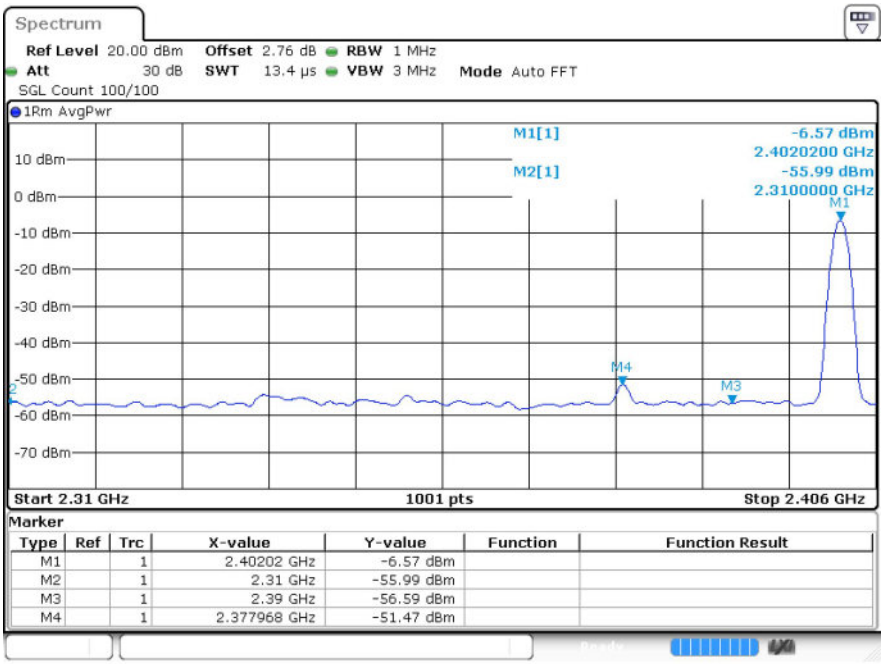
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



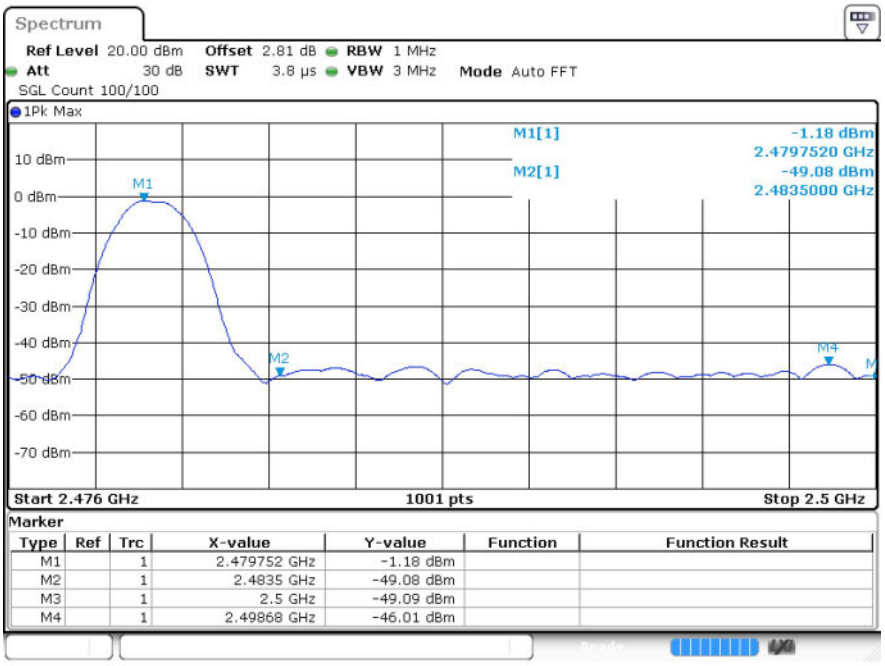
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



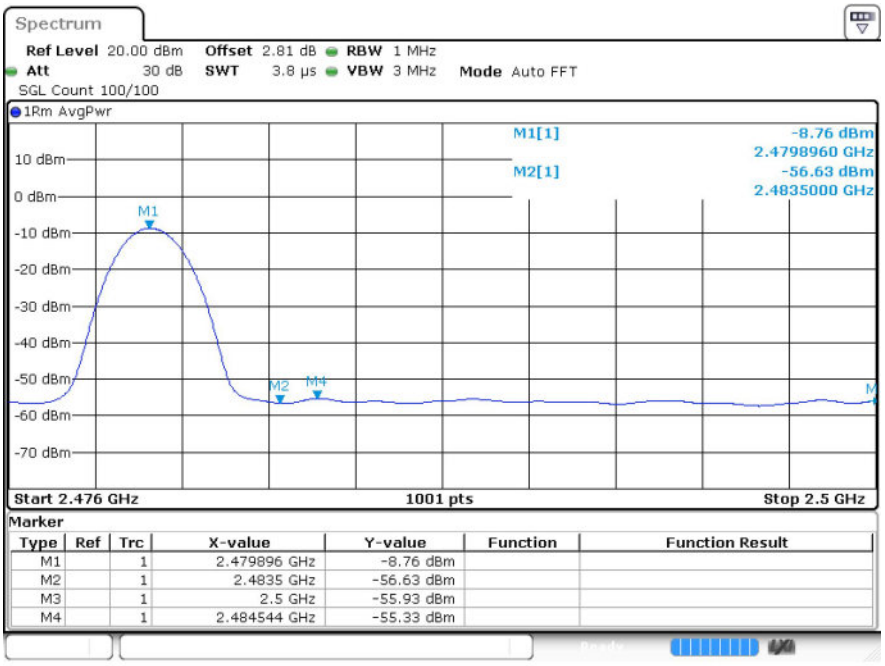
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



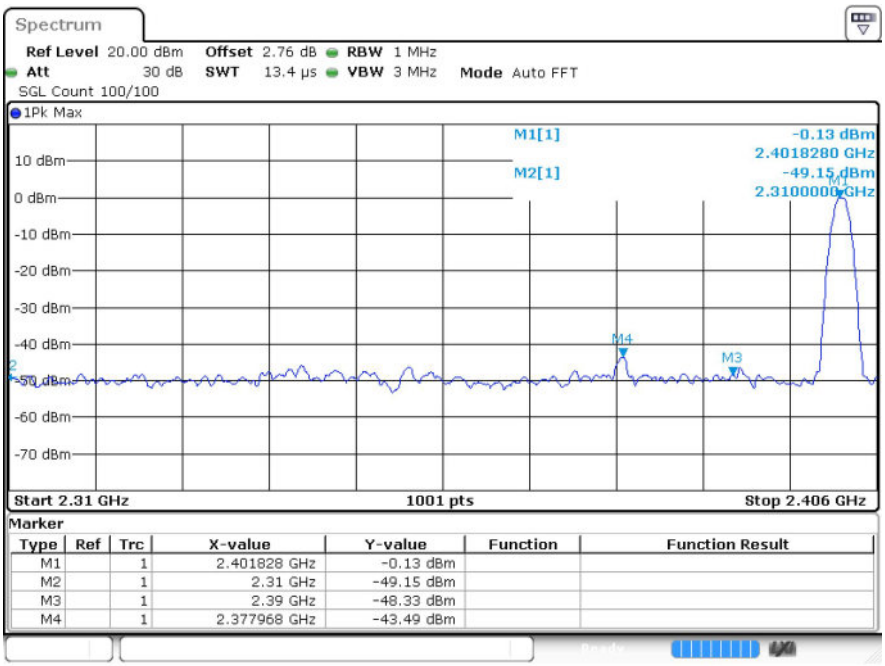
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



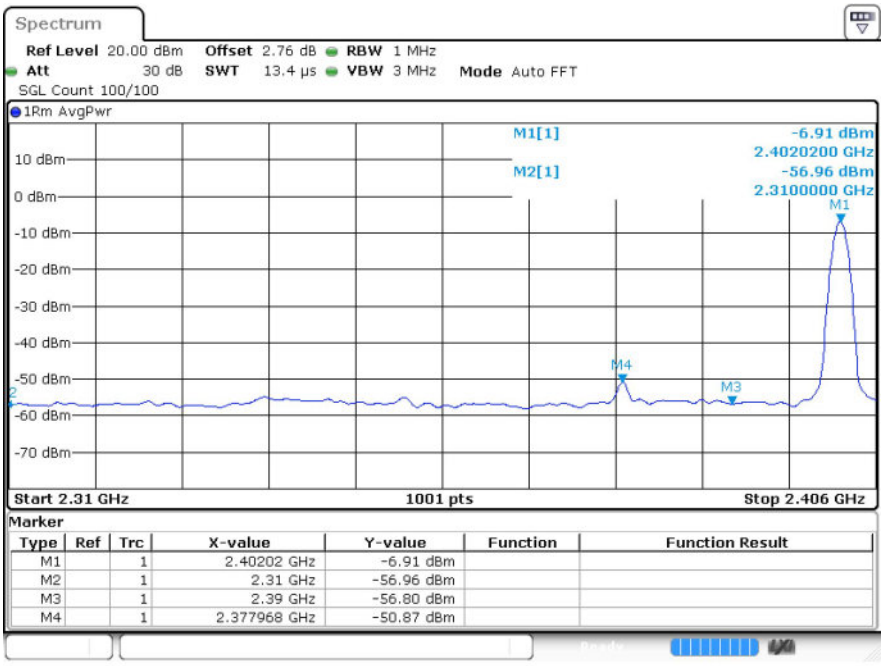
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



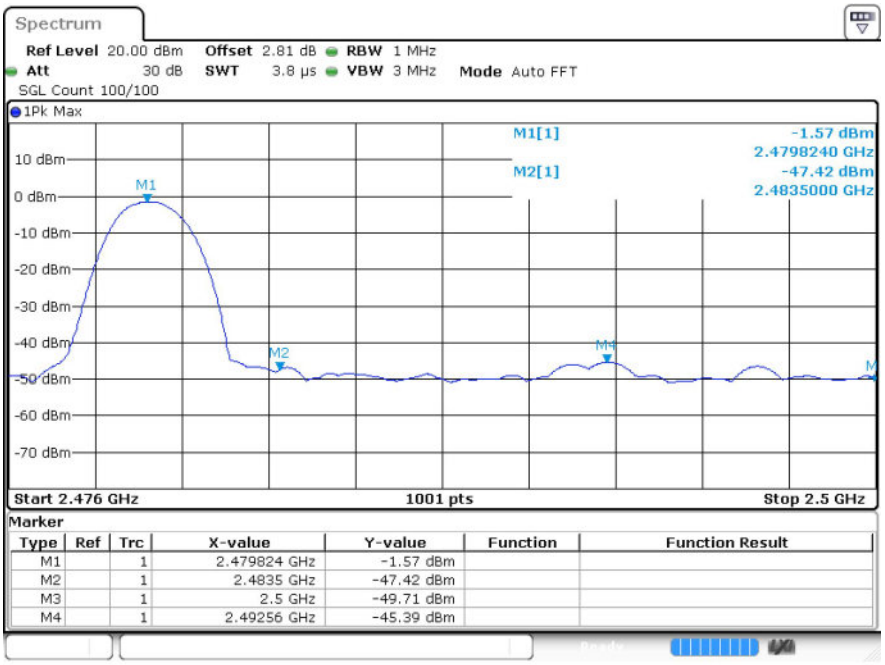
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



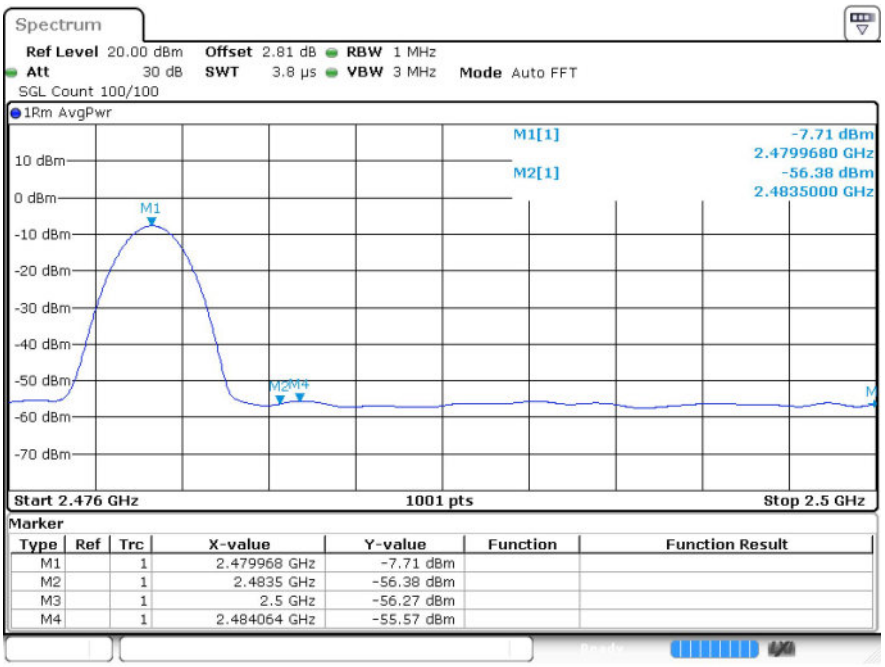
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---