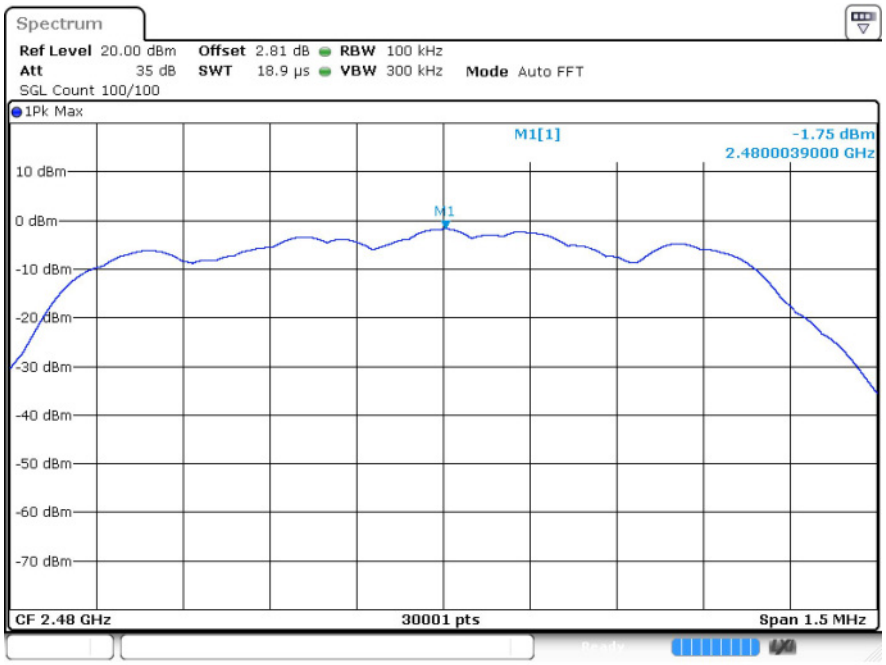
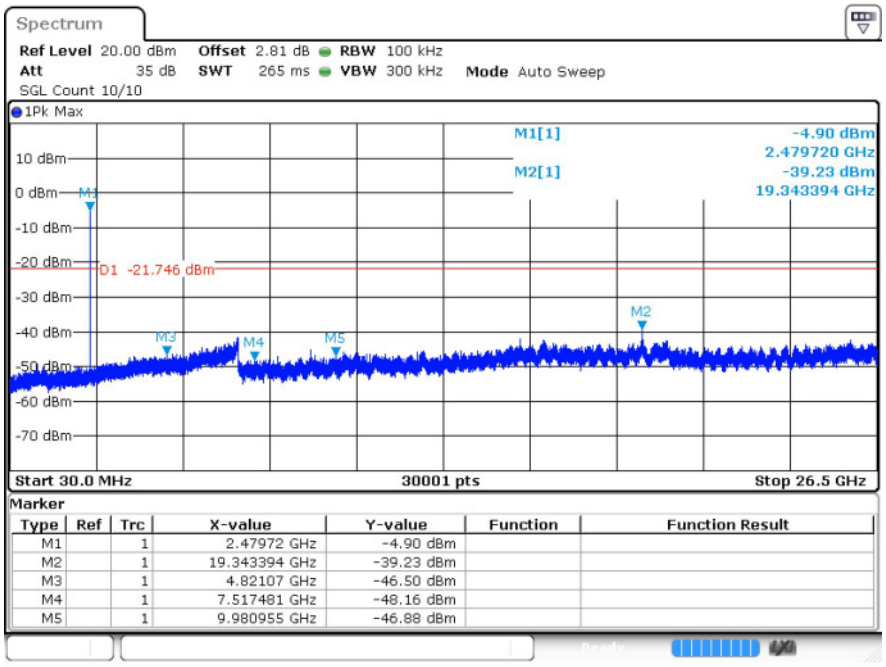
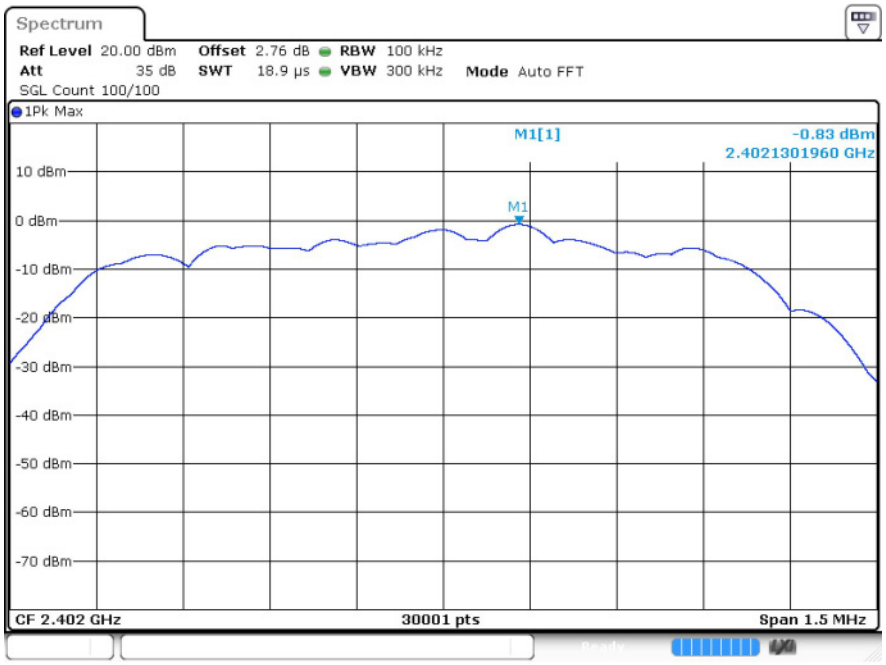
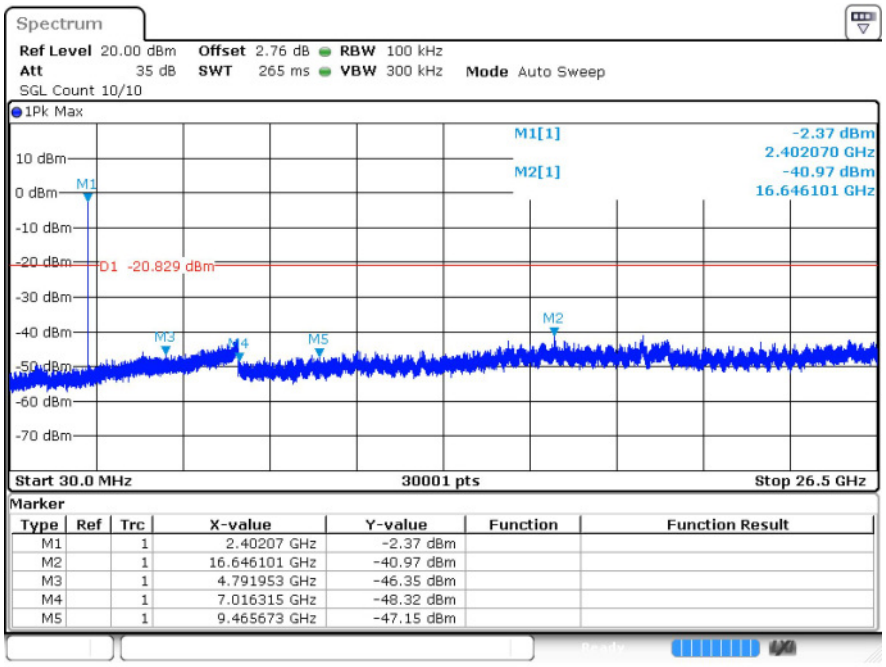
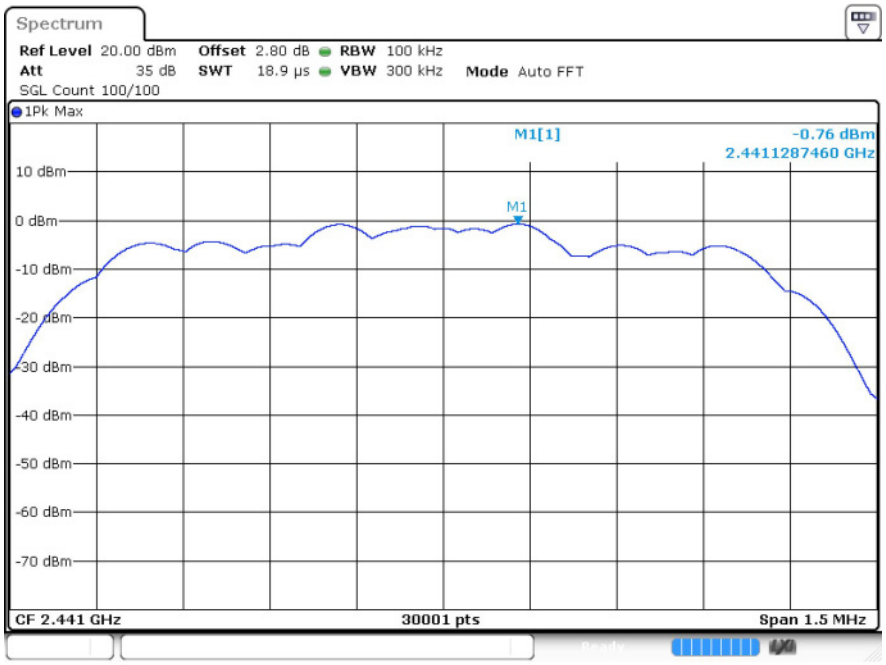
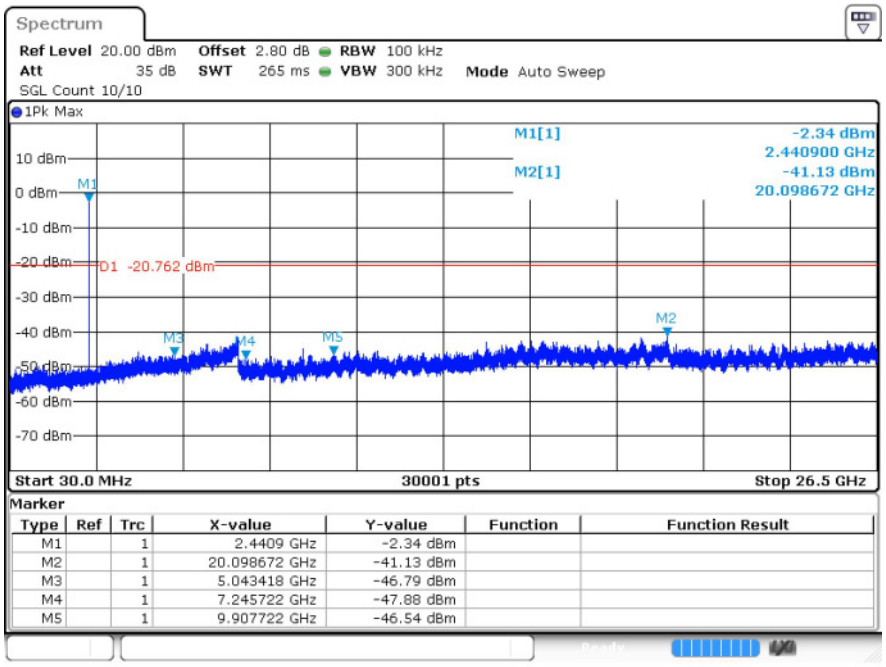
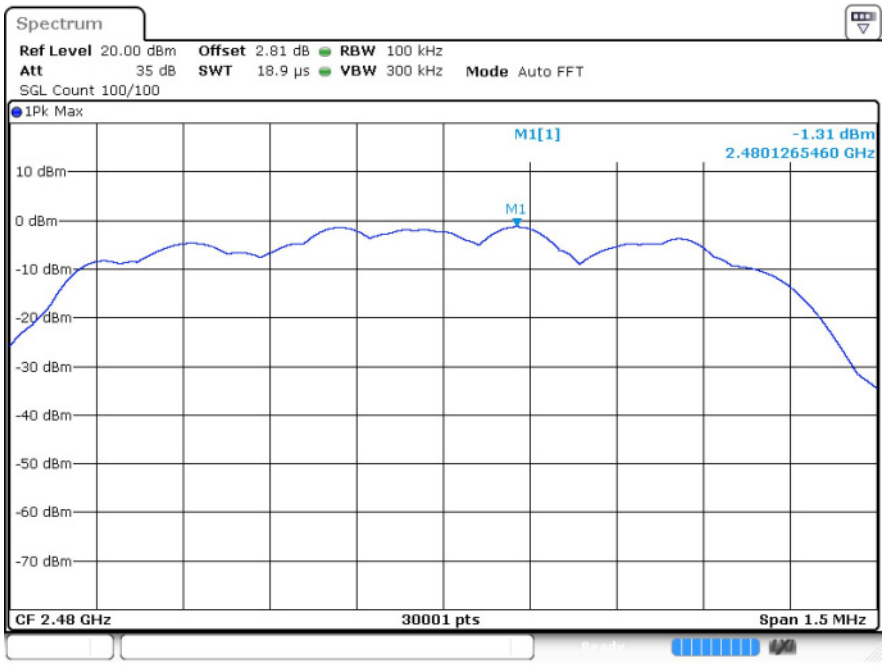
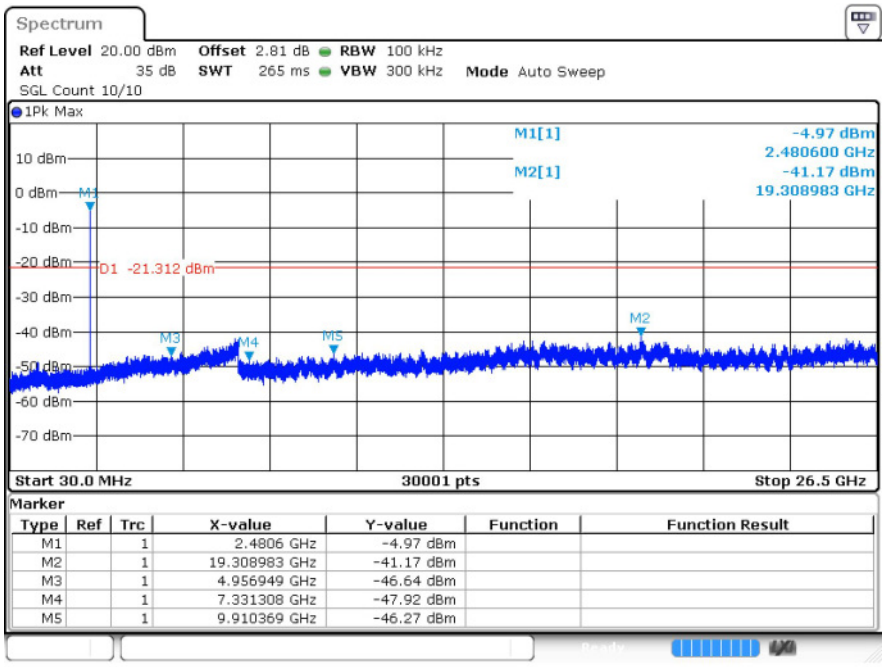
π/4DQPSK_HCH_Graphs	
Pref	
Puw	

8DPSK_LCH_Graphs	
Pref	
Puw	

8DPSK_MCH_Graphs	
Pref	
Puw	

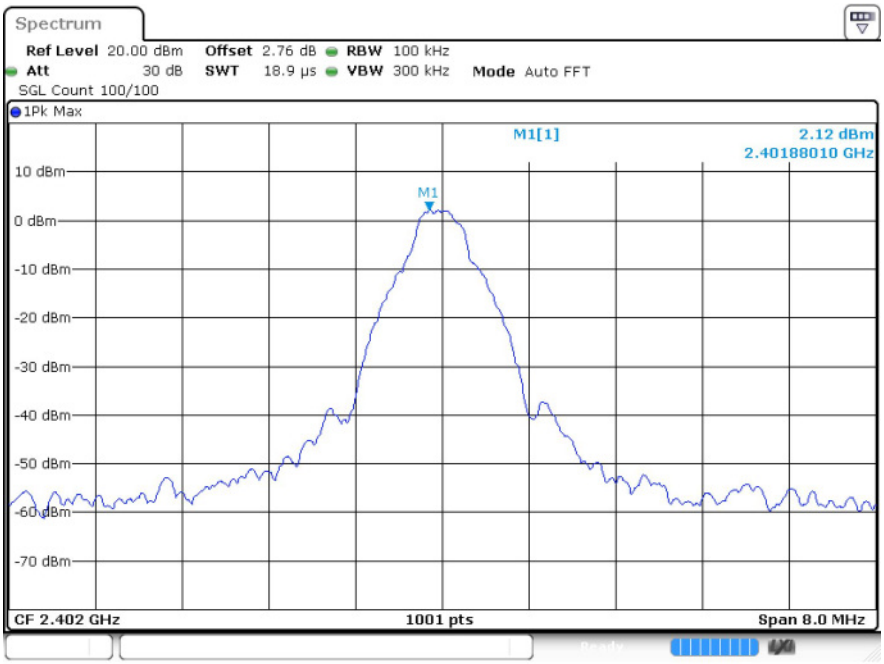
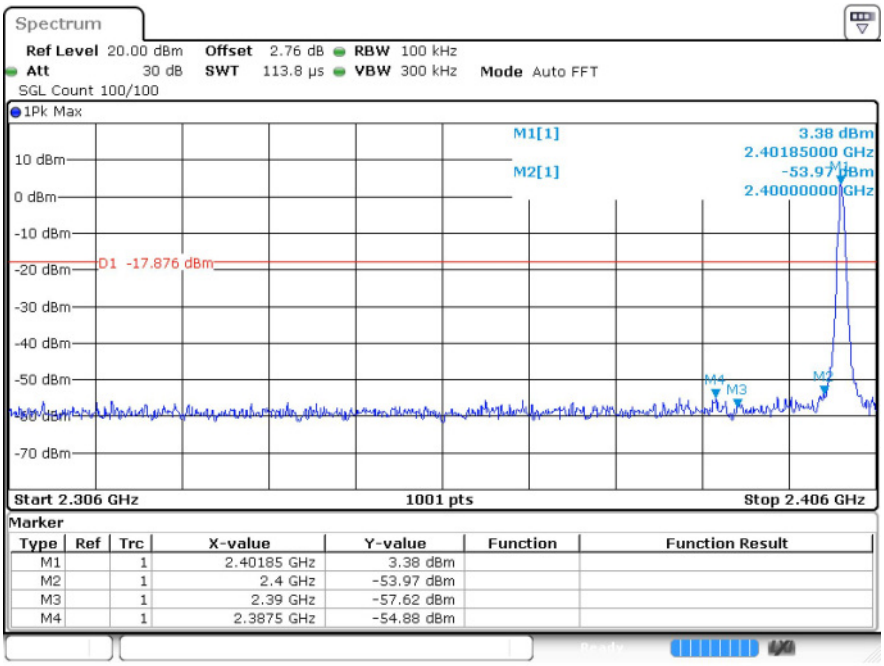
8DPSK_HCH_Graphs	
Pref	
Puw	

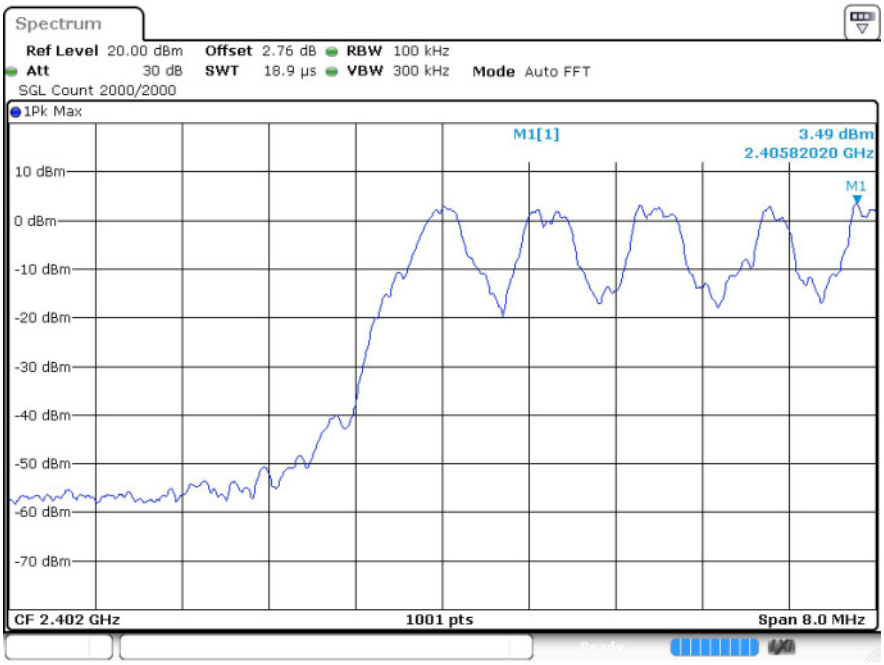
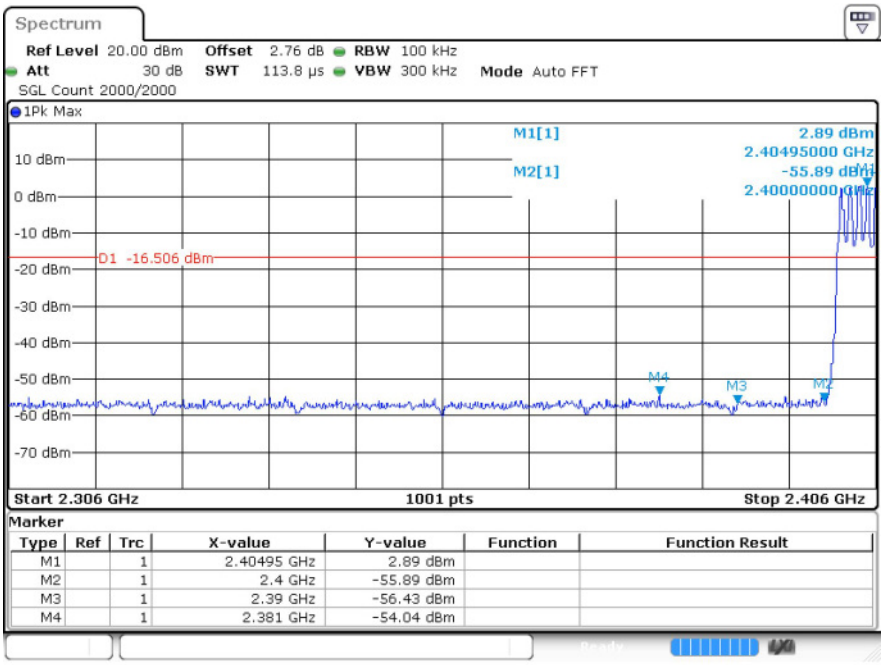
8 Band-edge for RF Conducted Emissions

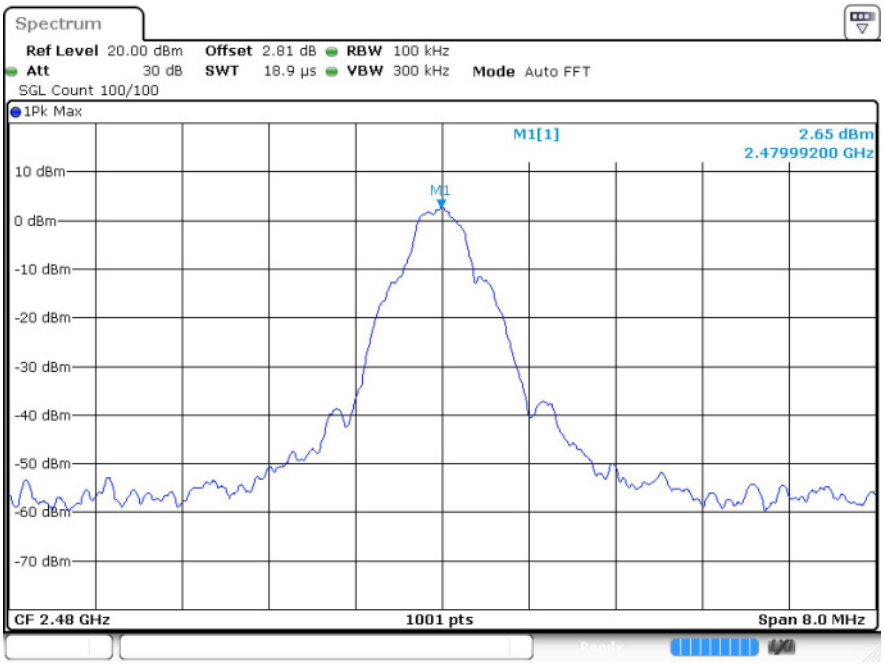
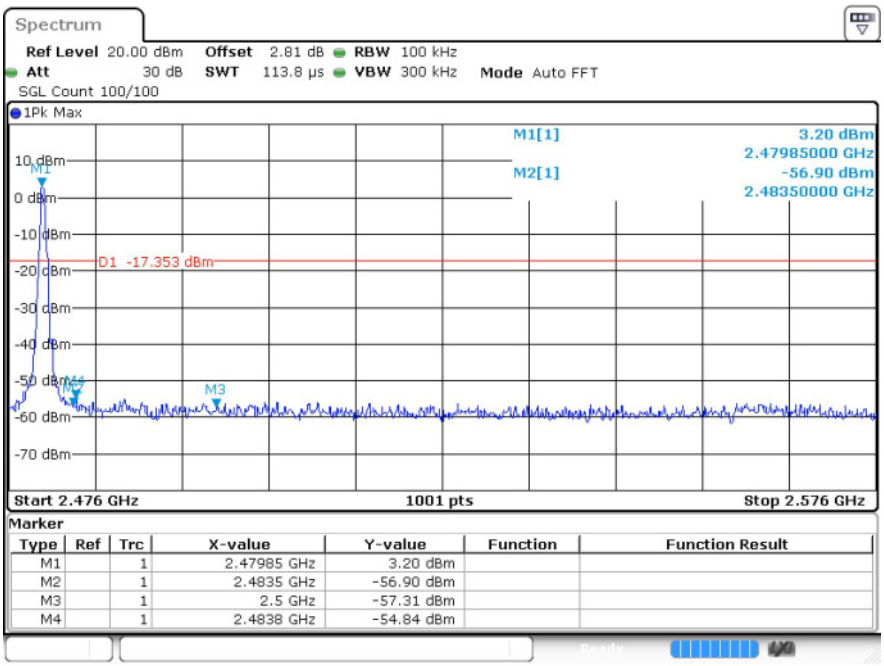
8.1 Test Result

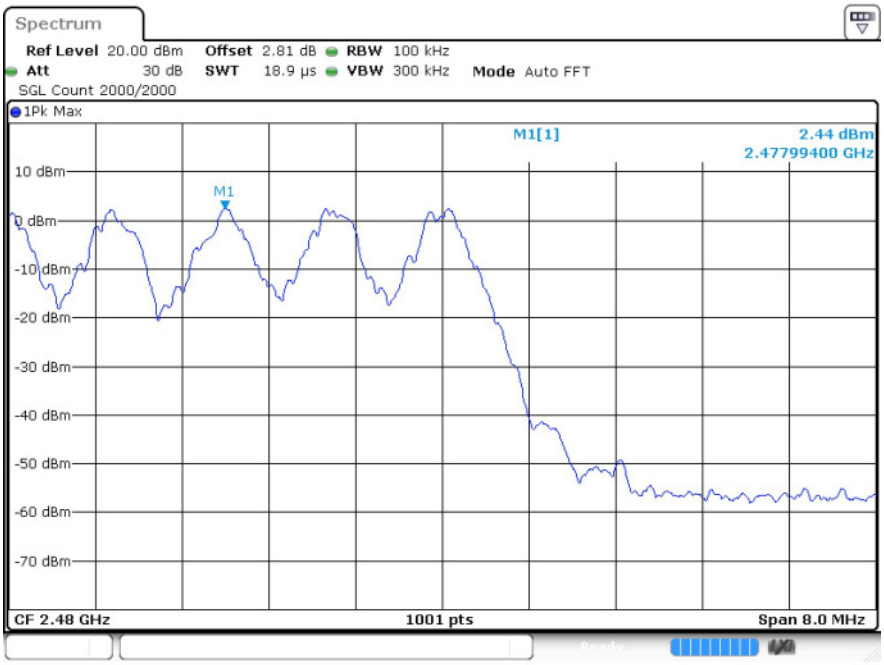
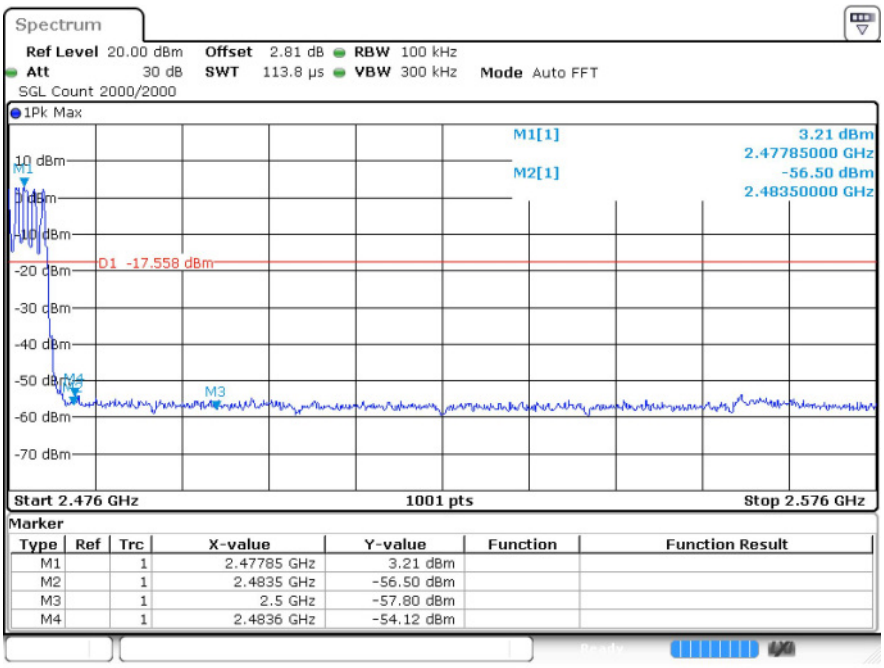
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-56.99	-20	Pass
			On	-57.52	-20	Pass
	HCH	2480	Off	-57.48	-20	Pass
			On	-56.55	-20	Pass
π/4DQPSK	LCH	2402	Off	-55.13	-20	Pass
			On	-53.85	-20	Pass
	HCH	2480	Off	-53.78	-20	Pass
			On	-53.38	-20	Pass
8DPSK	LCH	2402	Off	-55.16	-20	Pass
			On	-52.66	-20	Pass
	HCH	2480	Off	-54.88	-20	Pass
			On	-53.2	-20	Pass

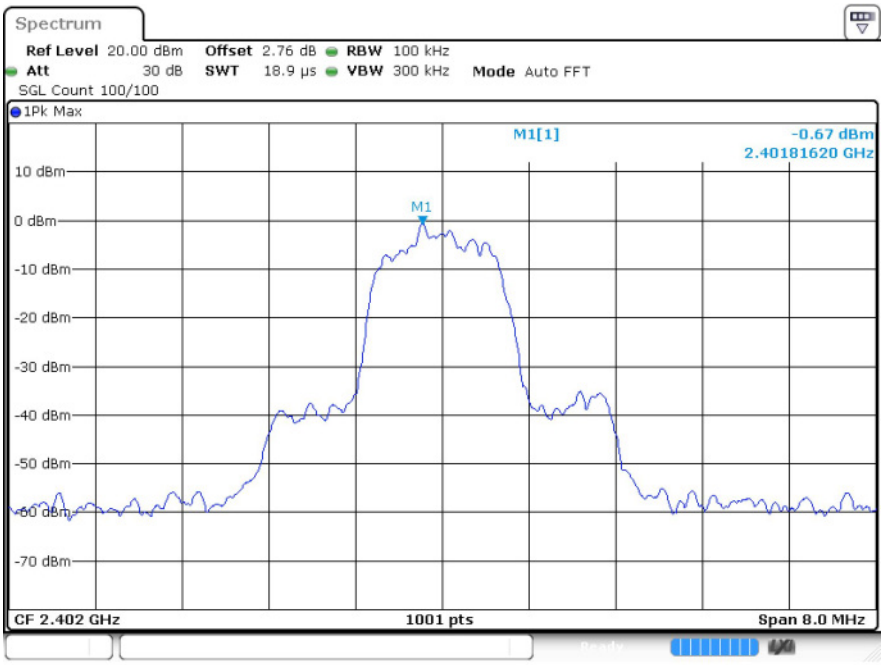
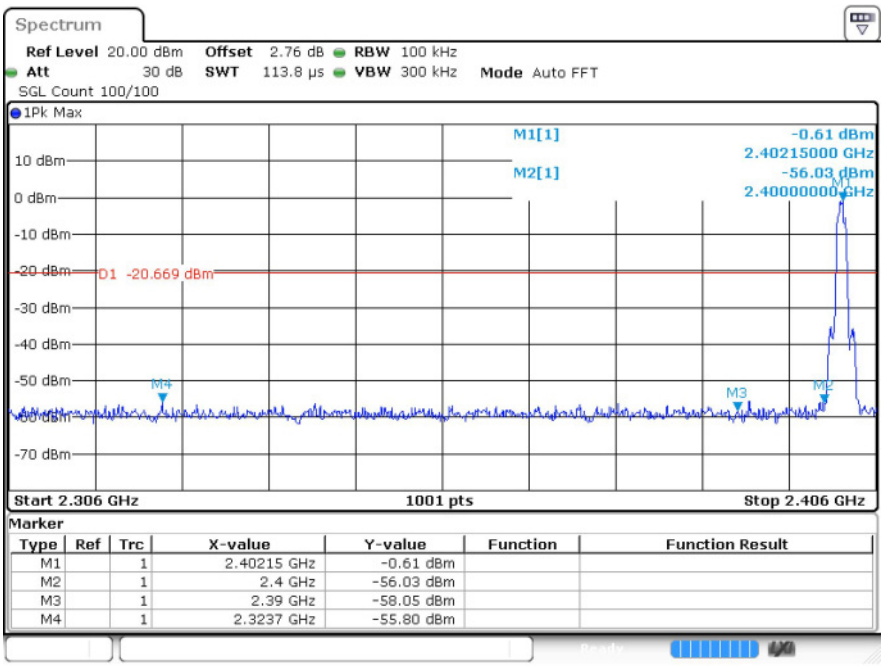
8.2 Test Graphs

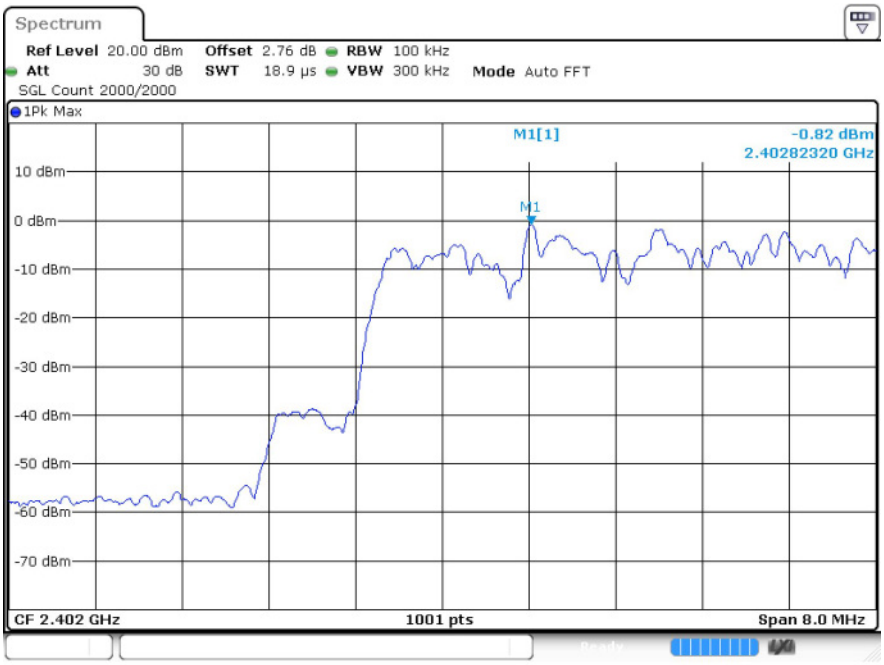
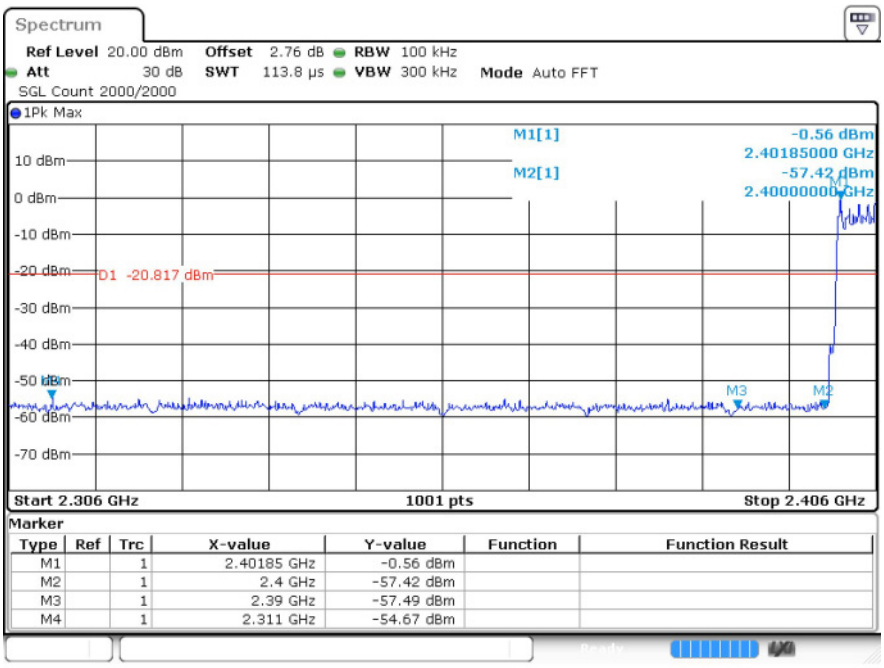
Test Graphs	
Pref	
GFSK/LCH/No Hop	

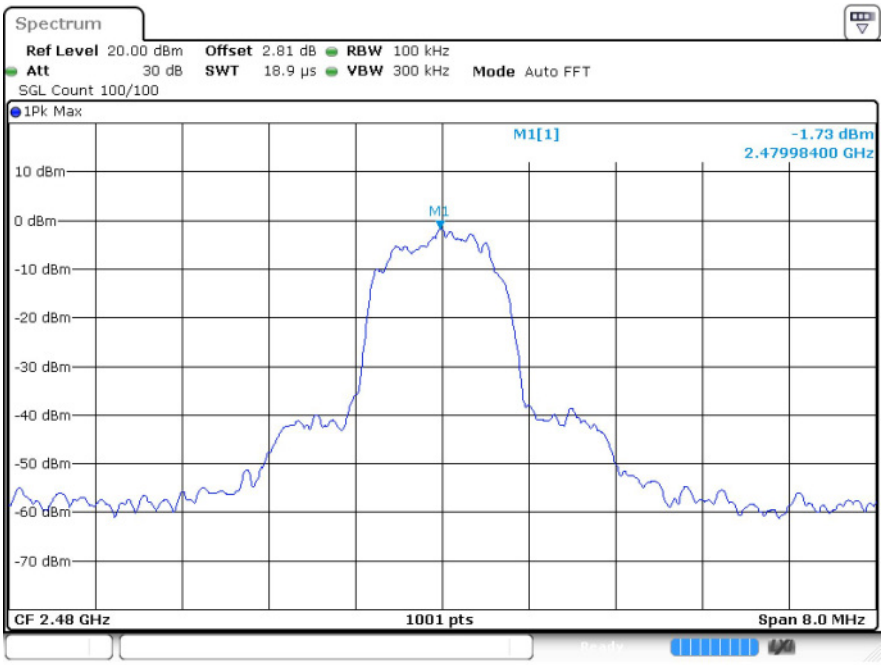
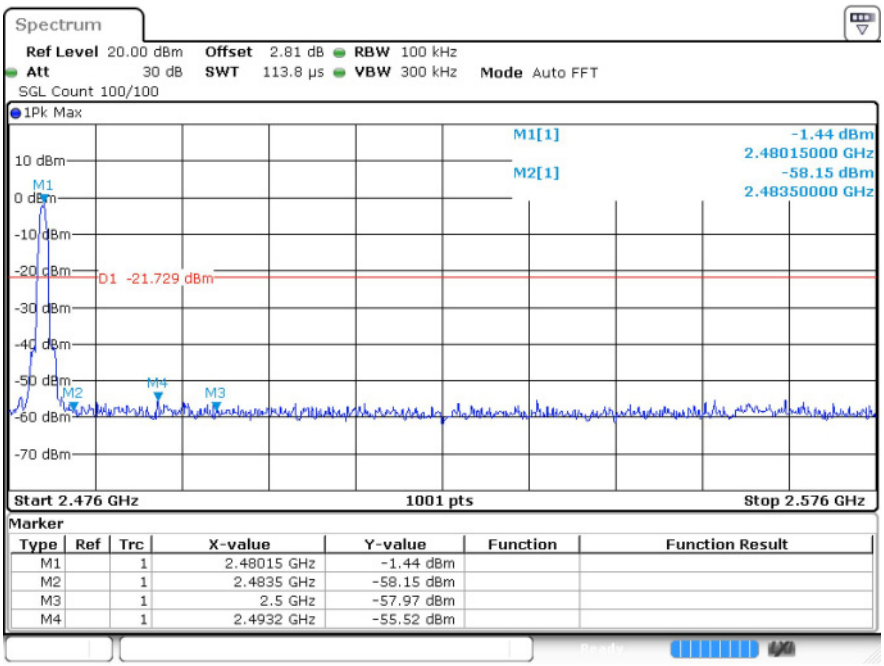
Ref	
GFSK/LCH/Hop	

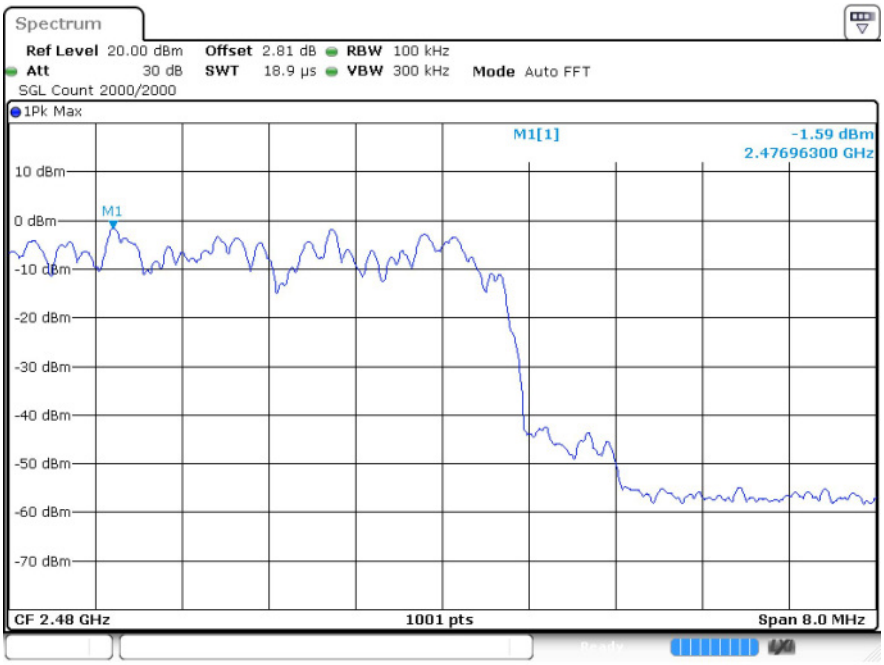
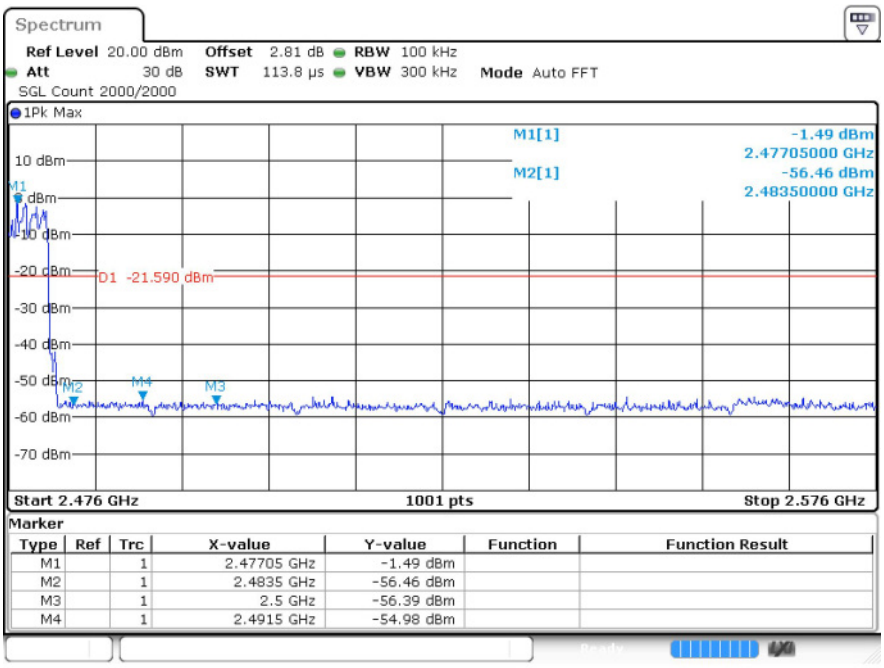
Ref	
GFSK/HCH/No Hop	

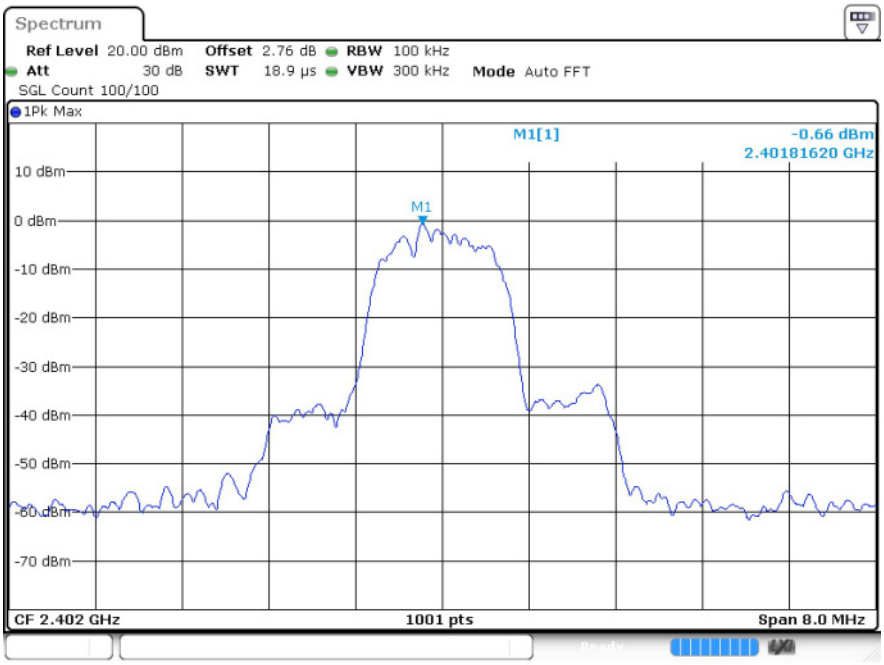
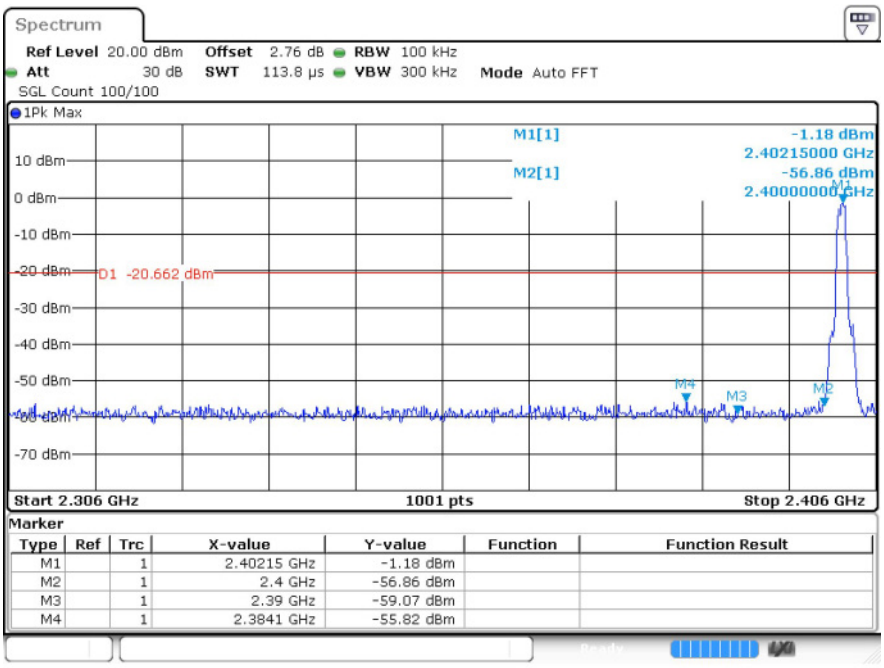
Ref.	
GFSK/HCH/Hop	

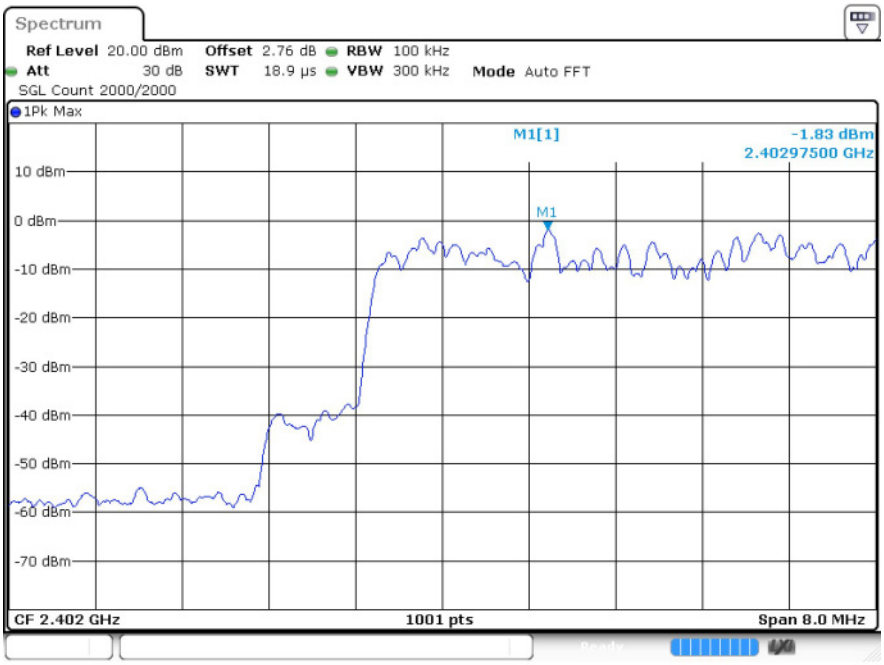
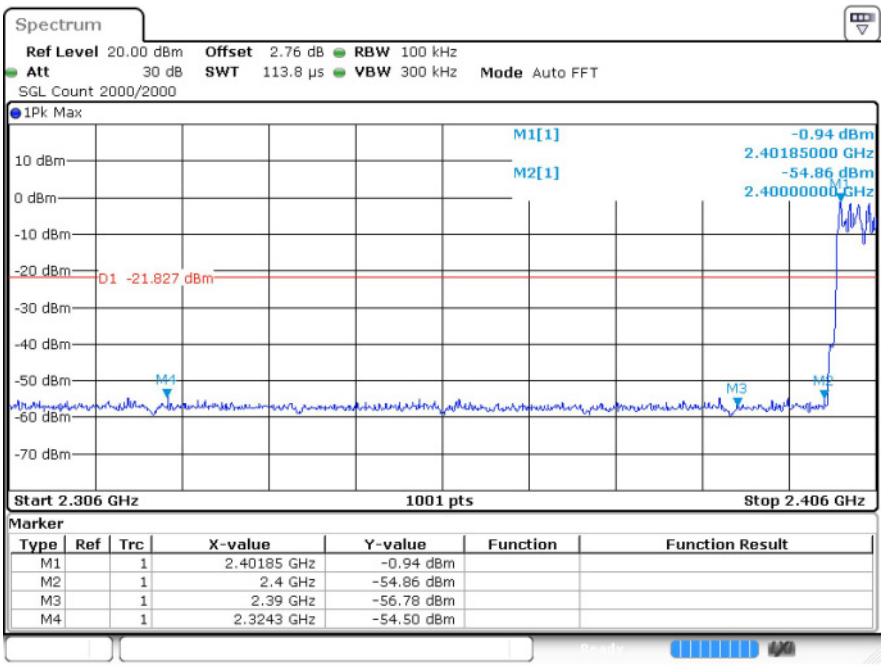
Ref	
π/4DQPSK/LCH/No Hop	

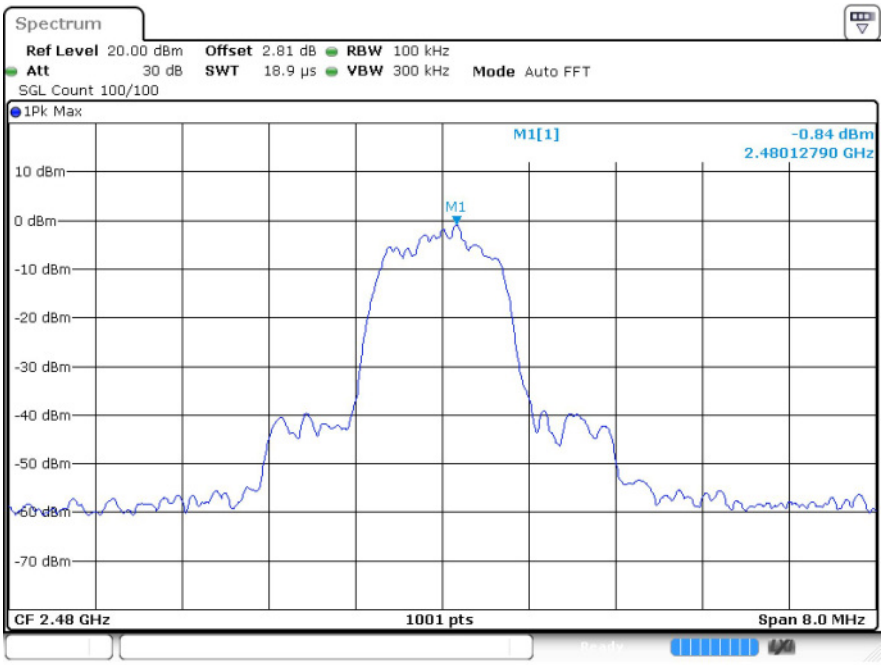
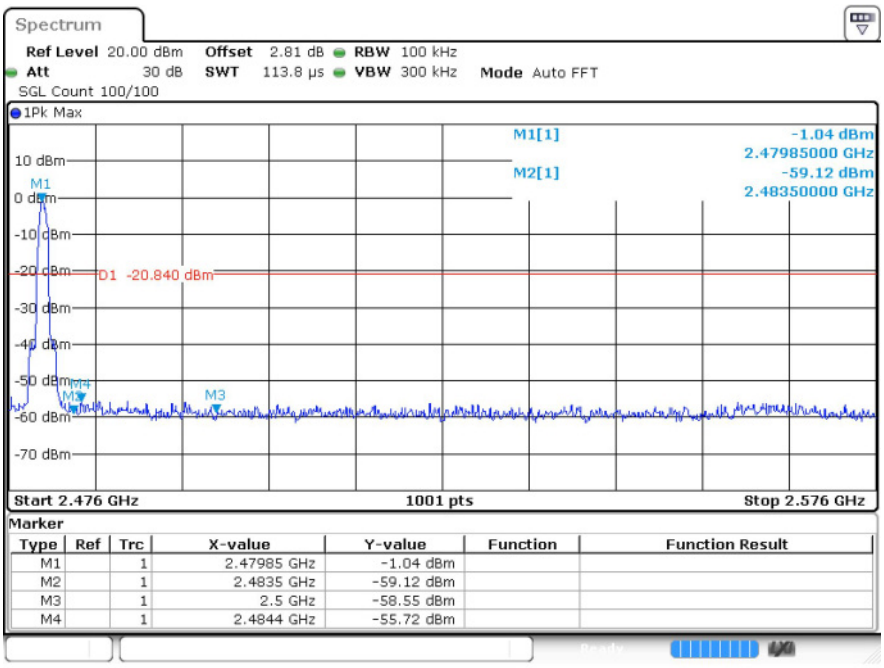
Ref	
π/4DQPSK/LCH/Hop	

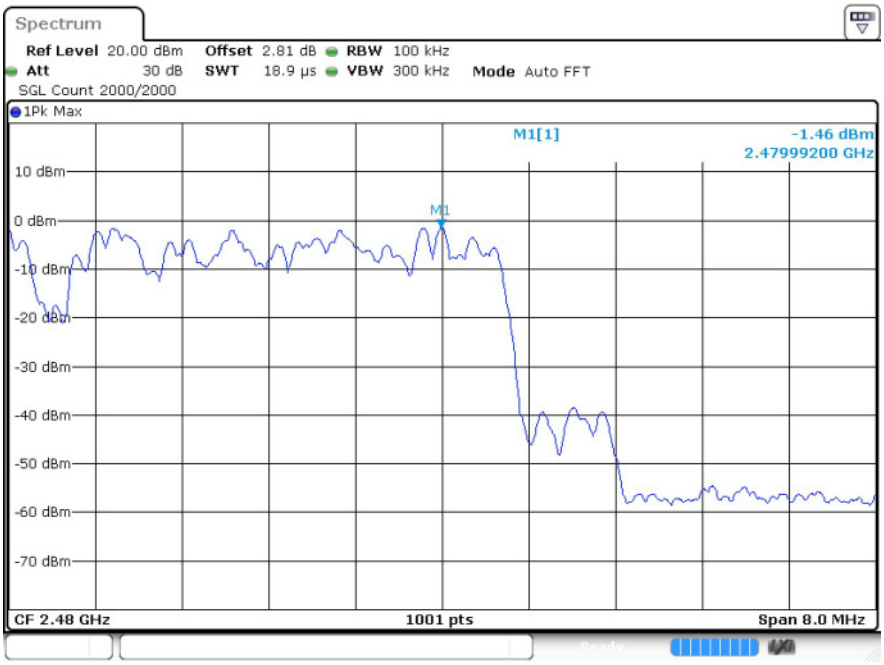
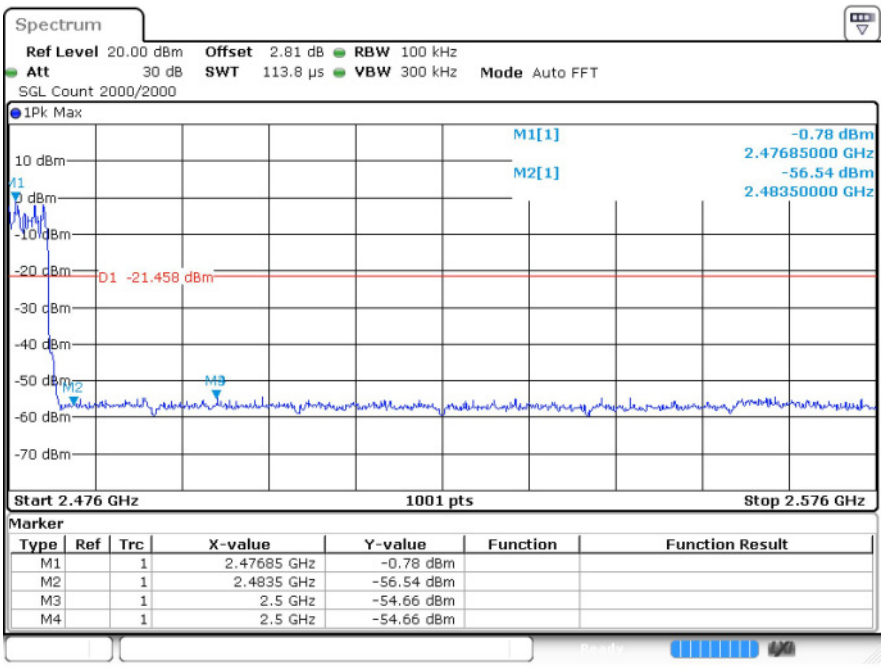
Ref	
π/4DQPSK/HCH/No Hop	

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

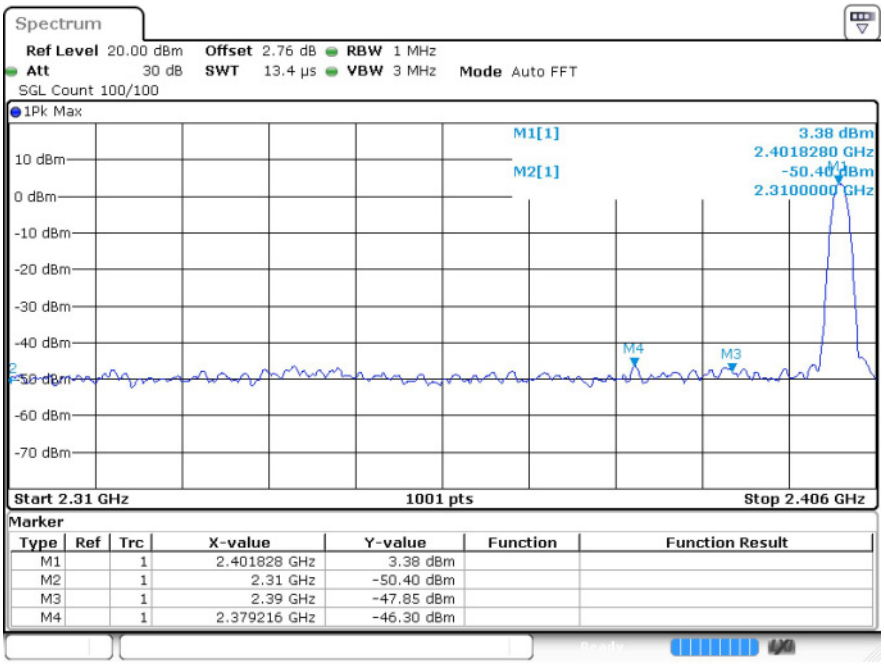
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-50.4	2.0	-	46.83	PEAK	74	Pass
	Off	2310.0	-56.15	2.0	5.17	46.25	AV	54	Pass
	Off	2379.216	-46.29	2.0	-	50.94	PEAK	74	Pass
	Off	2339.568	-54.62	2.0	5.17	47.78	AV	54	Pass
	Off	2390.0	-47.85	2.0	-	49.38	PEAK	74	Pass
	Off	2390.0	-55.38	2.0	5.17	47.02	AV	54	Pass
	Off	2483.5	-49.81	2.0	-	47.42	PEAK	74	Pass
	Off	2483.5	-55.14	2.0	5.26	47.35	AV	54	Pass
	Off	2491.288	-46.29	2.0	-	50.94	PEAK	74	Pass
	Off	2487.664	-54.71	2.0	5.26	47.78	AV	54	Pass
	Off	2500.0	-49.46	2.0	-	47.77	PEAK	74	Pass
	Off	2500.0	-56.16	2.0	5.26	46.33	AV	54	Pass
π/4DQPSK	Off	2310.0	-49.78	2.0	-	47.45	PEAK	74	Pass
	Off	2310.0	-56.52	2.0	5.06	45.77	AV	54	Pass
	Off	2341.584	-45.67	2.0	-	51.56	PEAK	74	Pass
	Off	2338.128	-54.07	2.0	5.06	48.22	AV	54	Pass
	Off	2390.0	-49.75	2.0	-	47.48	PEAK	74	Pass
	Off	2390.0	-56.28	2.0	5.06	46.01	AV	54	Pass
	Off	2483.5	-47.99	2.0	-	49.24	PEAK	74	Pass
	Off	2483.5	-56.59	2.0	5.06	45.7	AV	54	Pass
	Off	2491.288	-46.53	2.0	-	50.7	PEAK	74	Pass
	Off	2487.952	-55.16	2.0	5.06	47.13	AV	54	Pass
	Off	2500.0	-51.04	2.0	-	46.19	PEAK	74	Pass
	Off	2500.0	-56.04	2.0	5.06	46.25	AV	54	Pass
8DPSK	Off	2310.0	-49.29	2.0	-	47.94	PEAK	74	Pass
	Off	2310.0	-56.67	2.0	5.06	45.62	AV	54	Pass
	Off	2342.544	-46.81	2.0	-	50.42	PEAK	74	Pass
	Off	2338.128	-54.86	2.0	5.06	47.43	AV	54	Pass

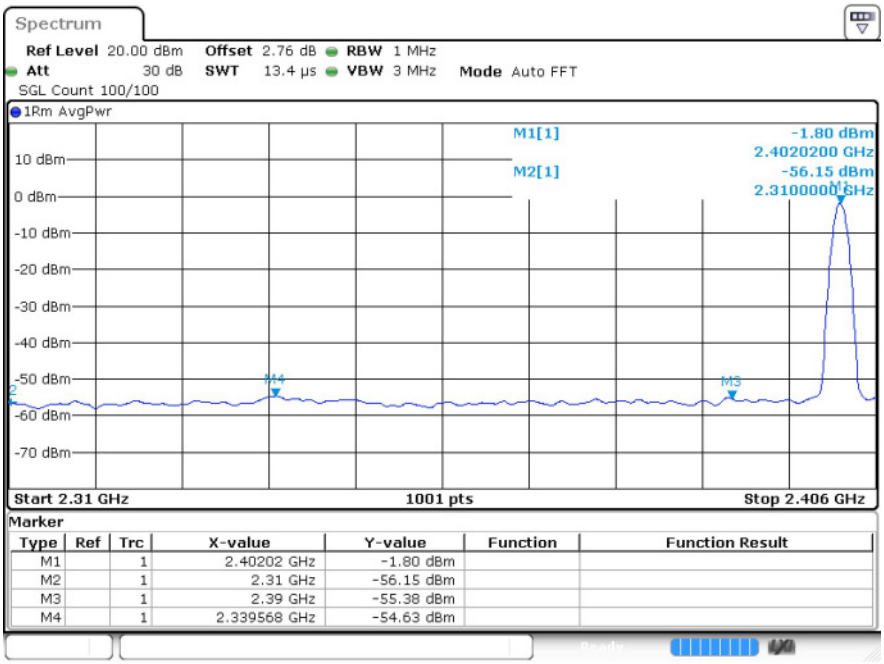
	Off	2390.0	-50.24	2.0	-	46.99	PEAK	74	Pass
	Off	2390.0	-57.69	2.0	5.06	44.6	AV	54	Pass
	Off	2483.5	-47.49	2.0	-	49.74	PEAK	74	Pass
	Off	2483.5	-56.13	2.0	5.06	46.16	AV	54	Pass
	Off	2498.032	-46.58	2.0	-	50.65	PEAK	74	Pass
	Off	2485.696	-55.35	2.0	5.06	46.94	AV	54	Pass
	Off	2500.0	-47.76	2.0	-	49.47	PEAK	74	Pass
	Off	2500.0	-55.71	2.0	5.06	46.58	AV	54	Pass

9.2 Test Graphs

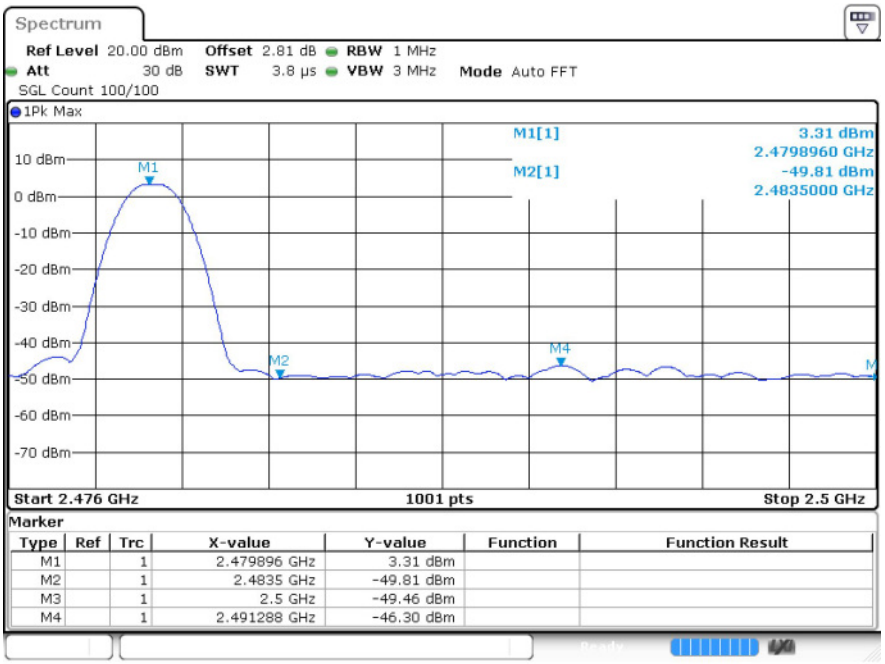
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



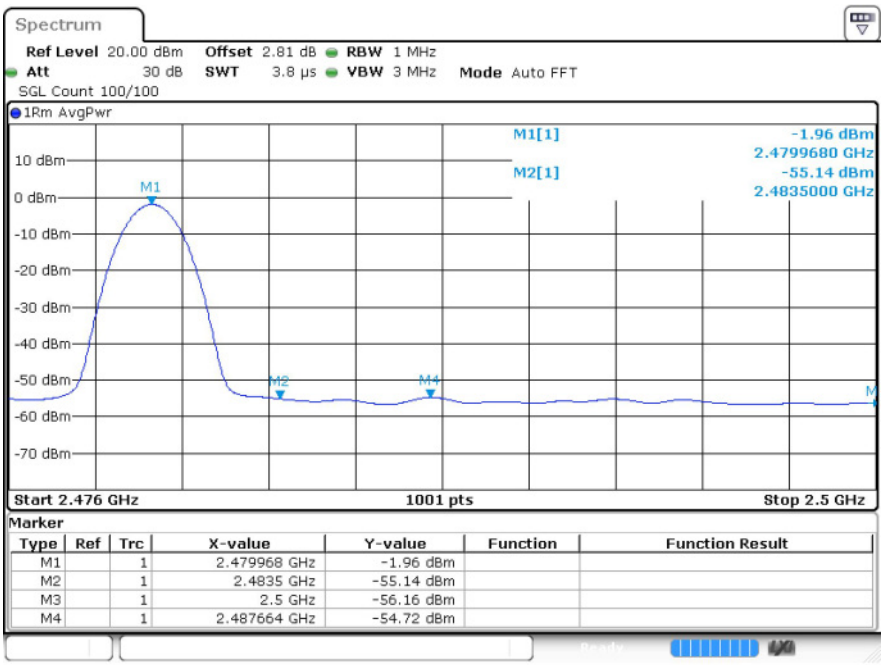
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



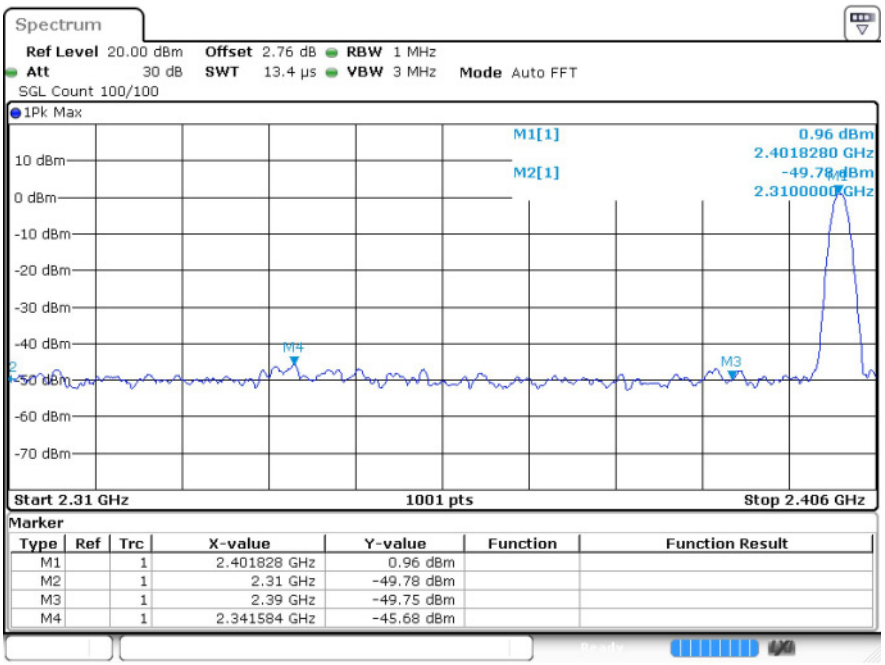
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



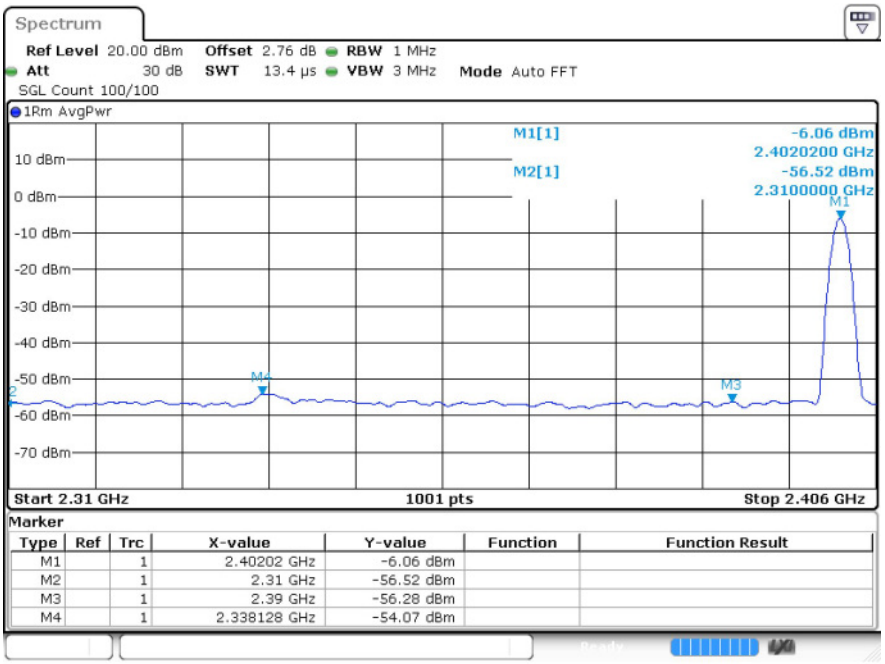
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



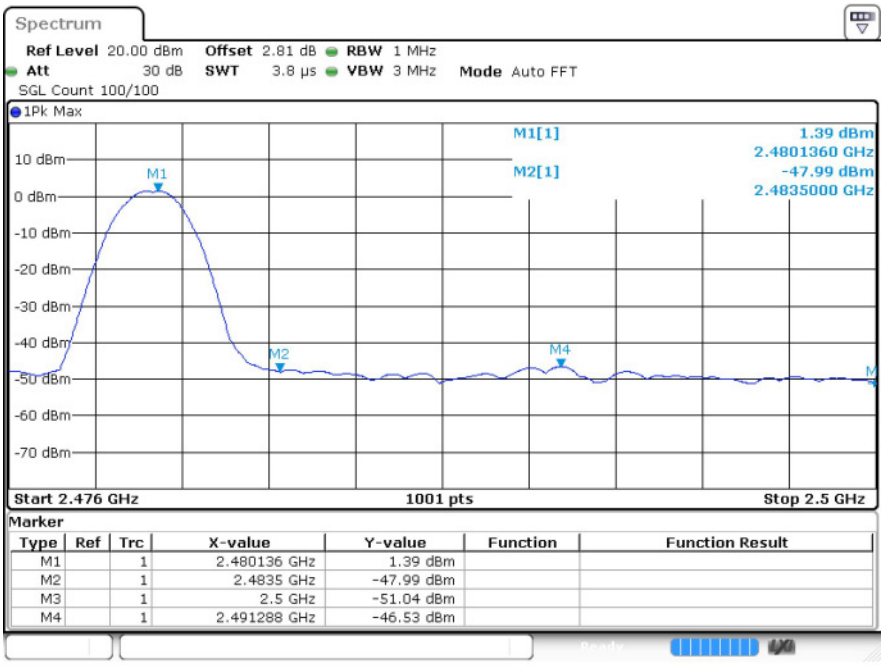
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



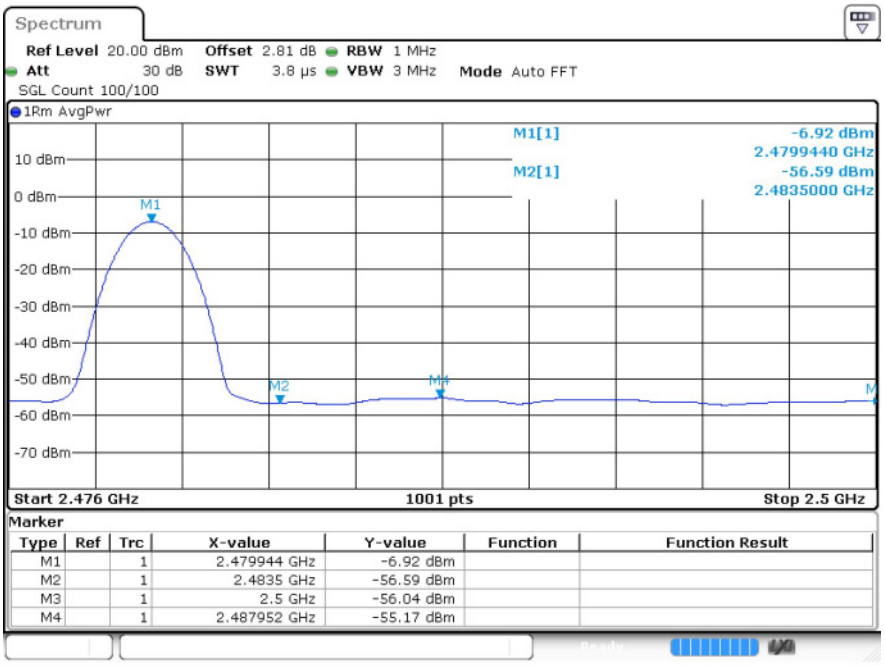
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



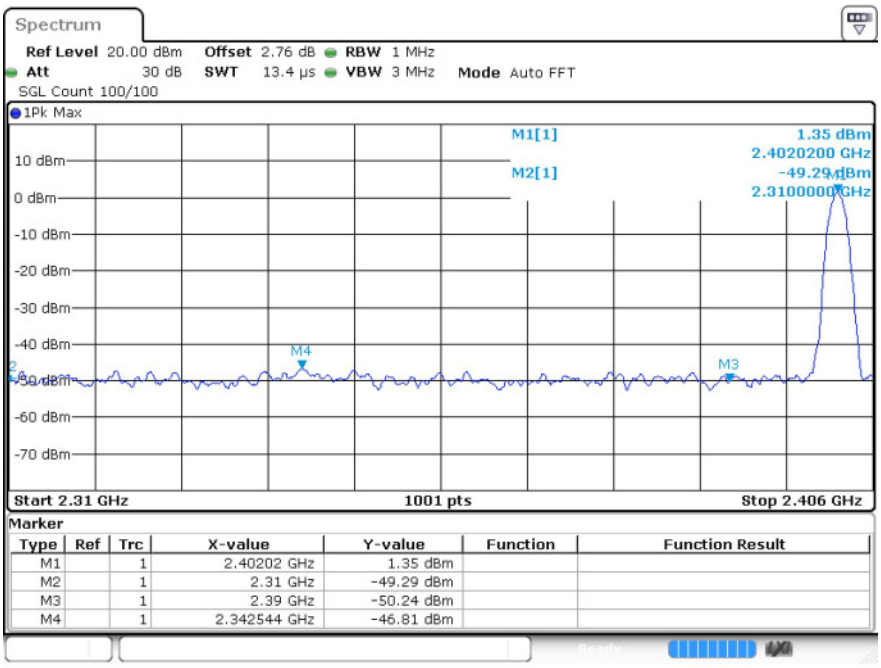
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



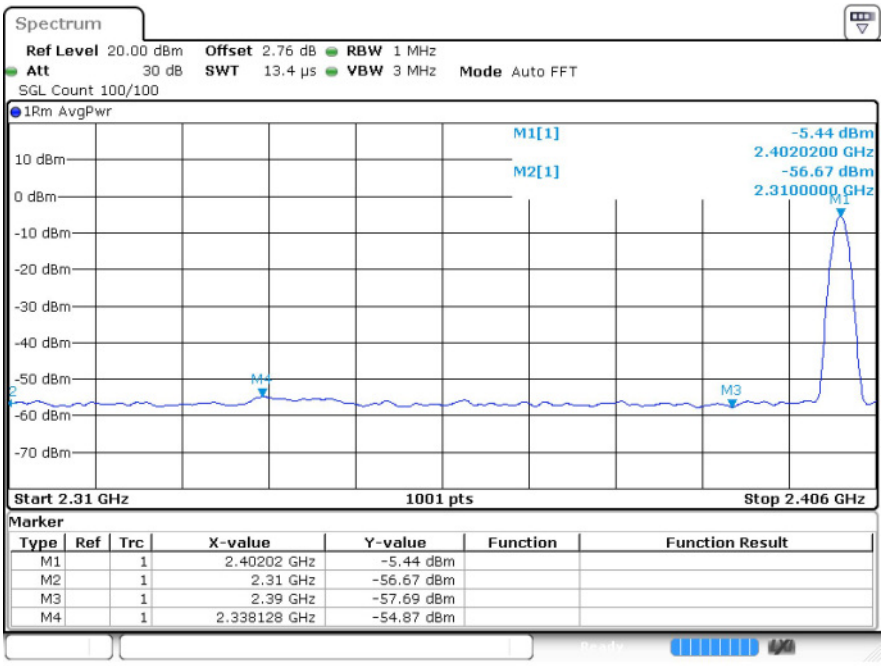
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



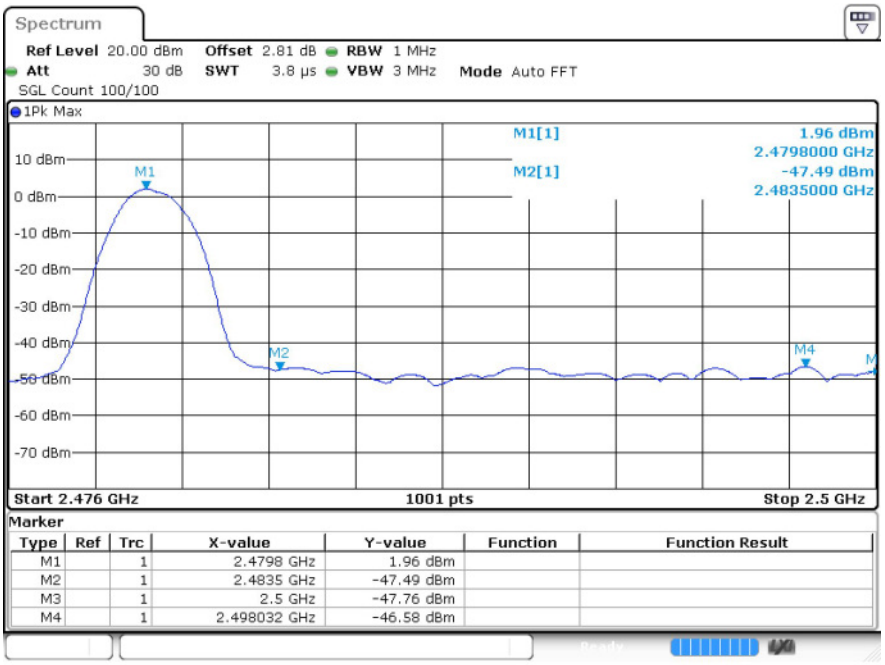
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



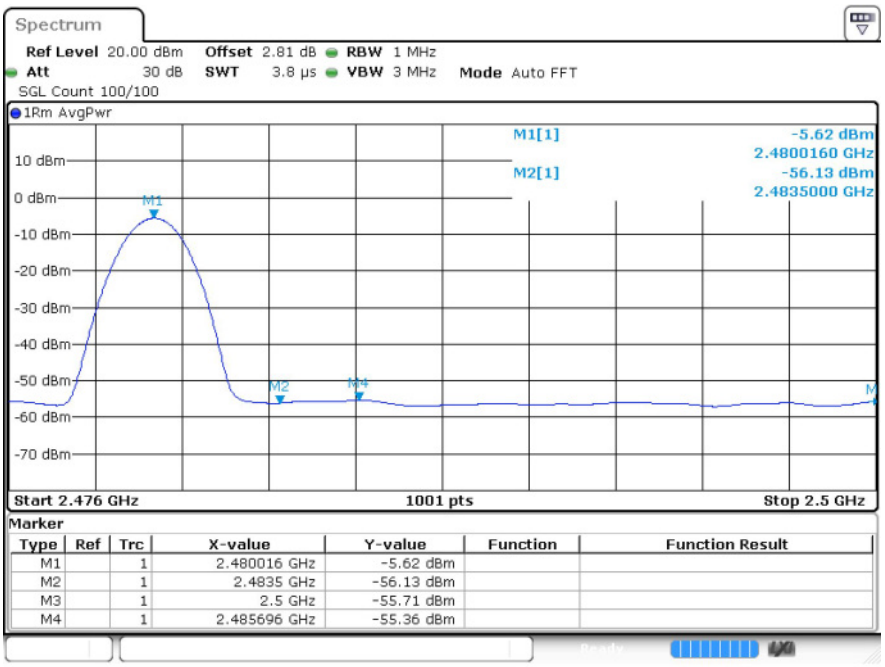
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---