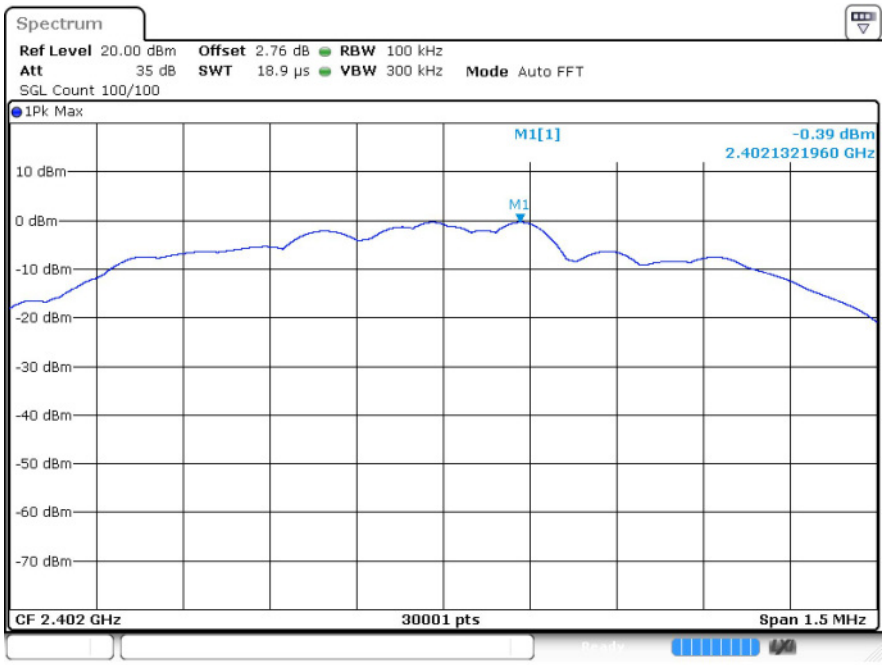
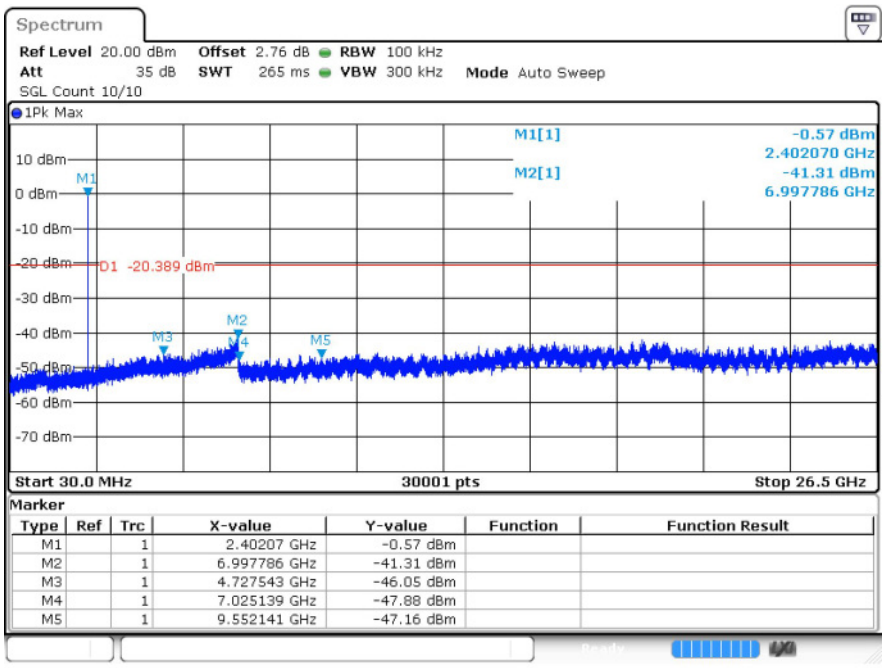
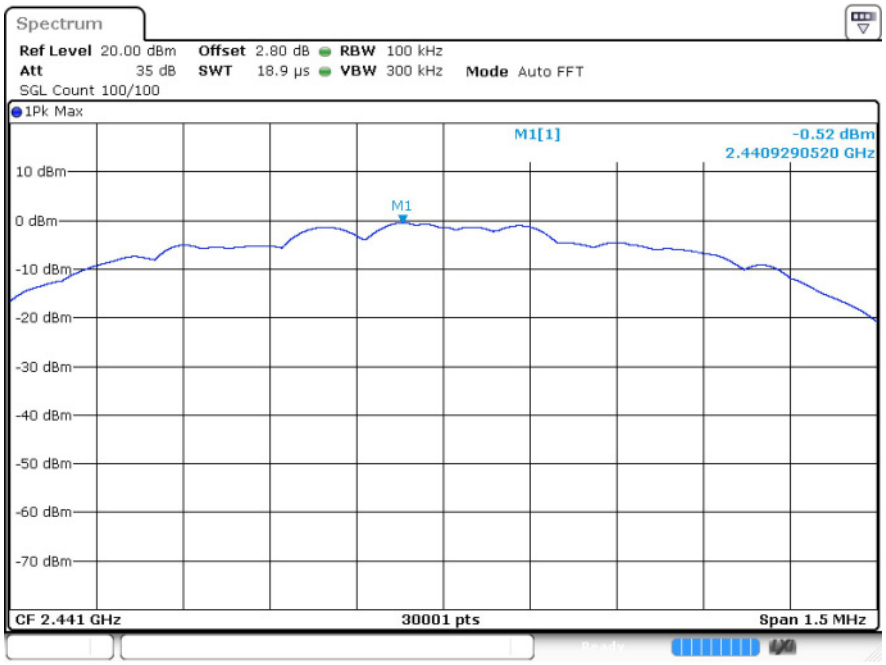
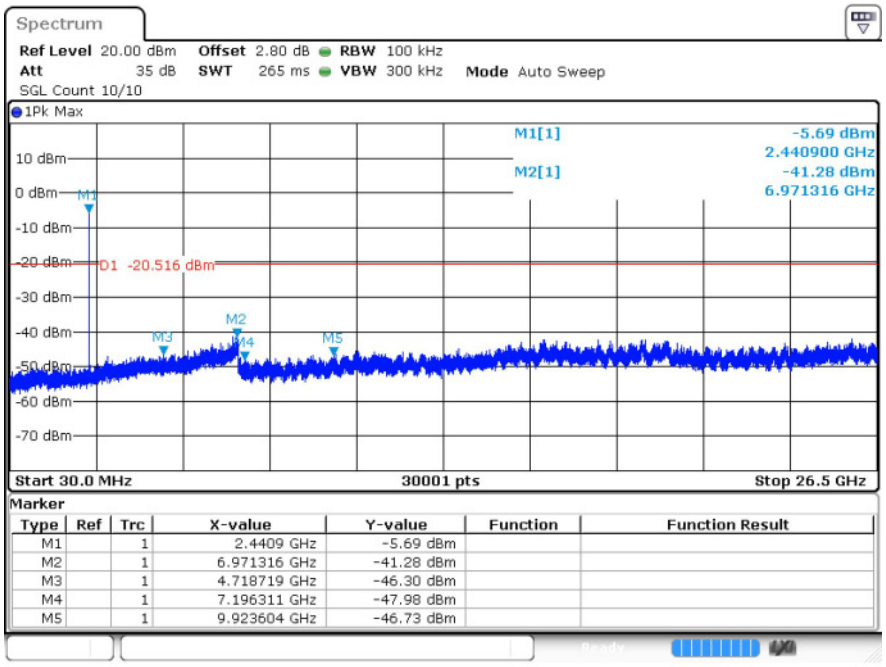
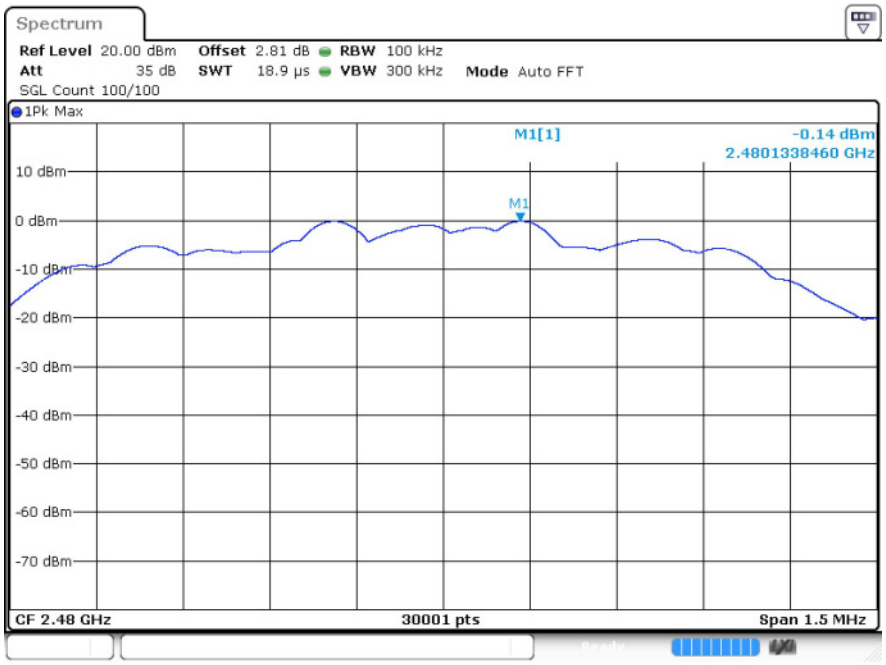
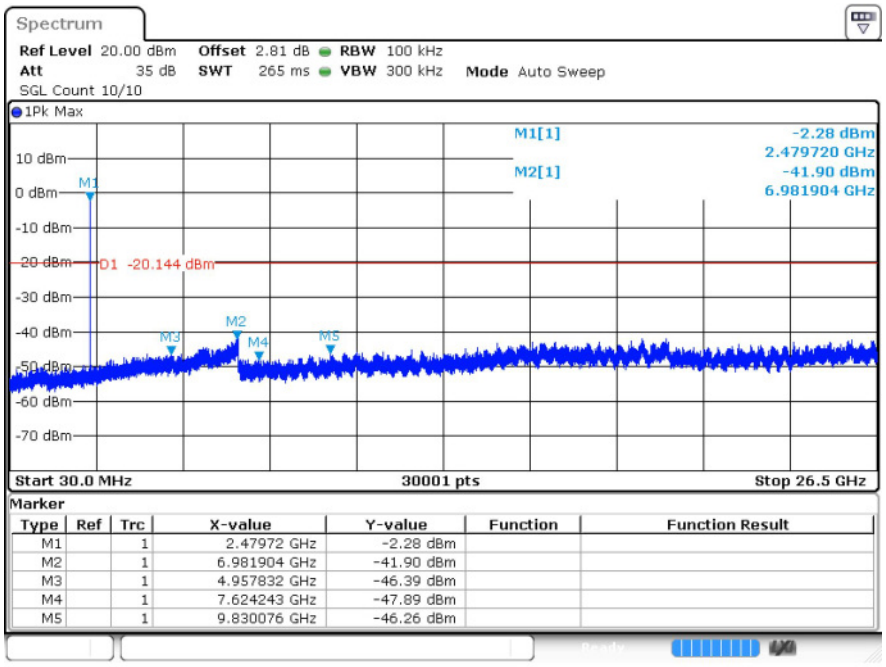
8DPSK_LCH_Graphs	
Pref	
Puw	

8DPSK_MCH_Graphs	
Pref	
Puw	

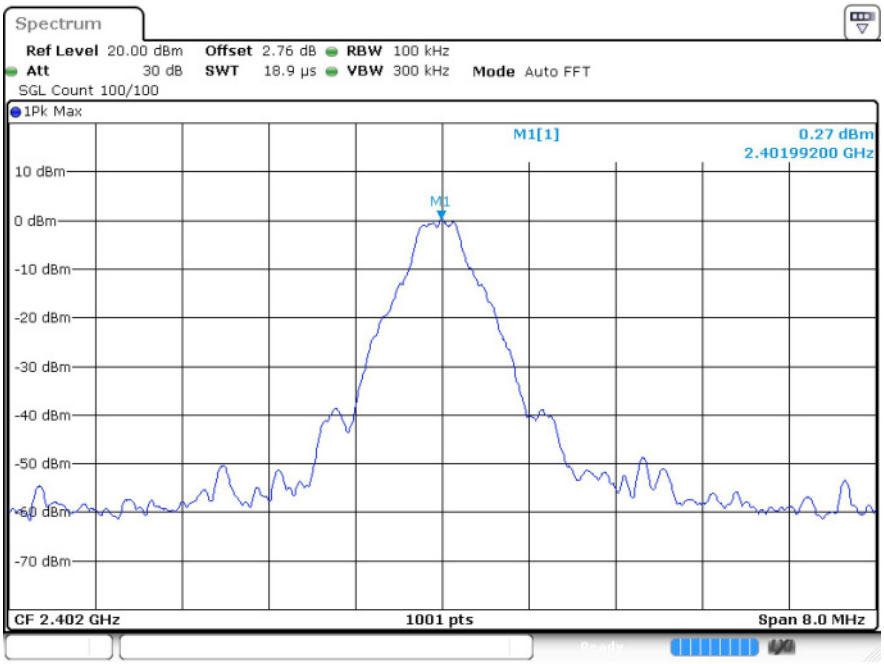
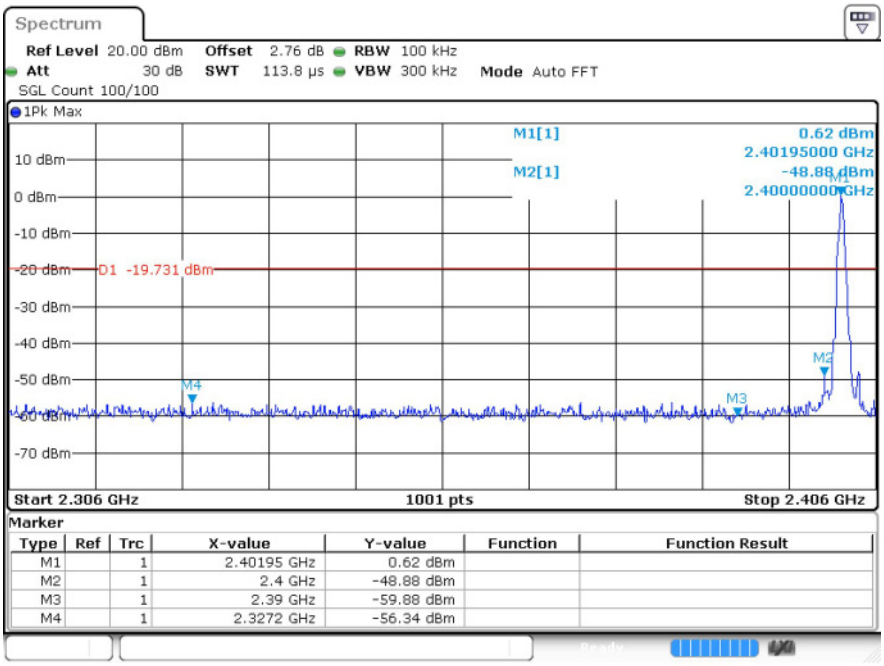
8DPSK_HCH_Graphs	
Pref	
Puw	

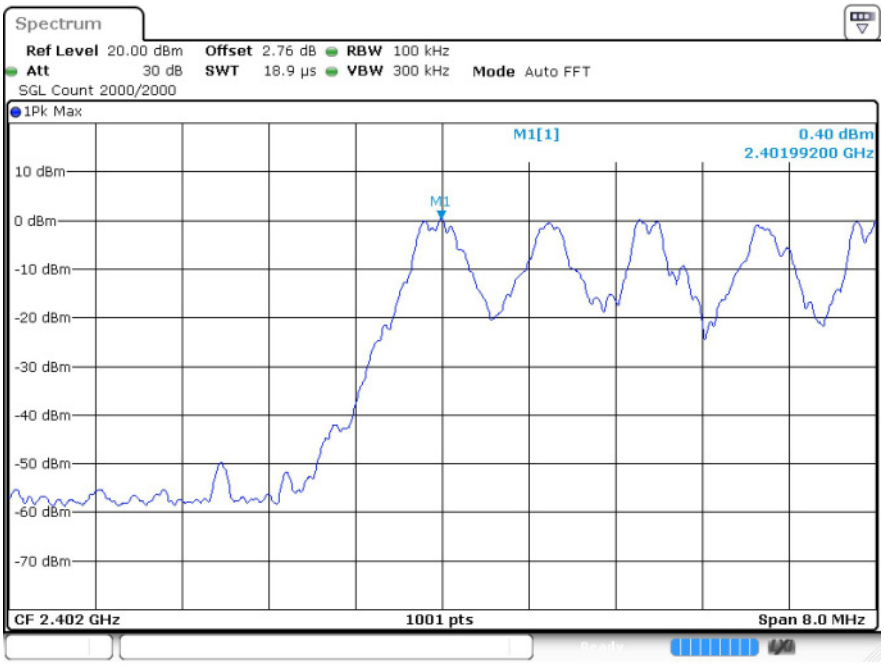
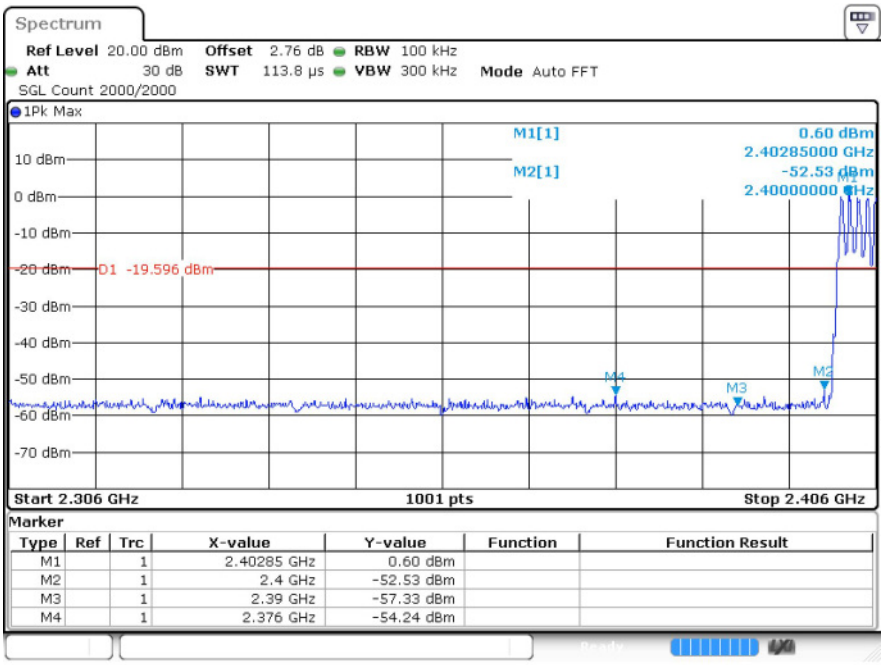
8 Band-edge for RF Conducted Emissions

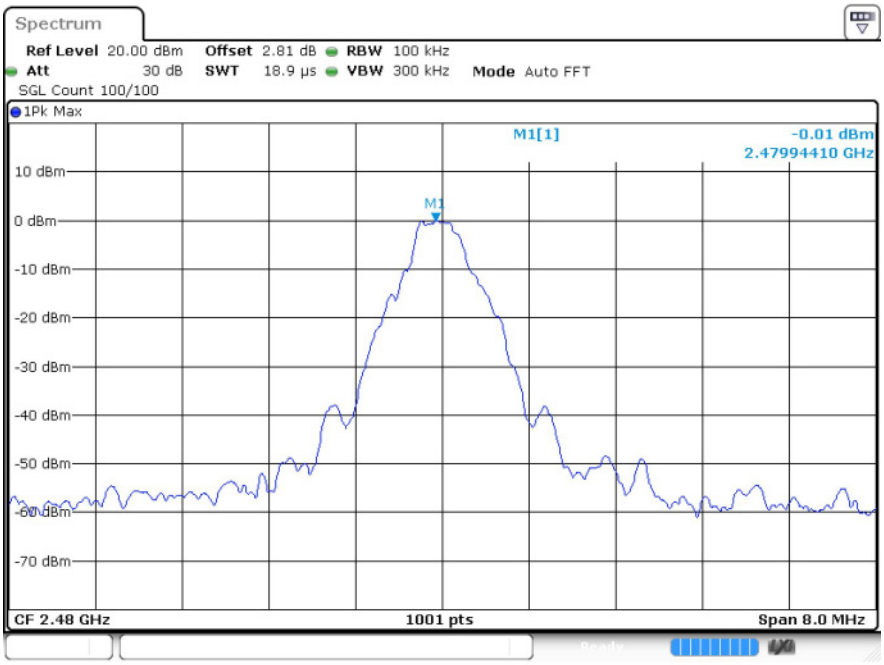
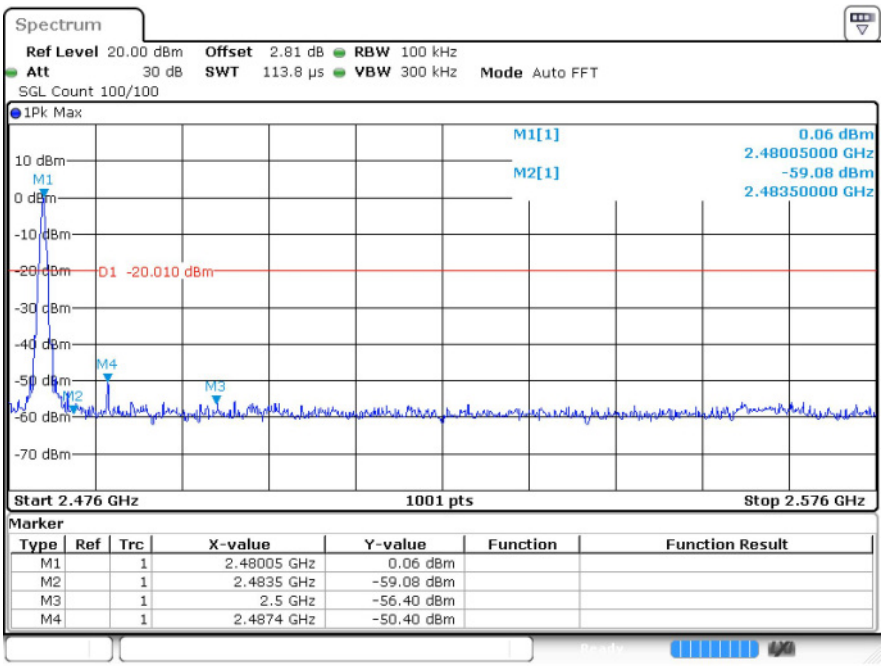
8.1 Test Result

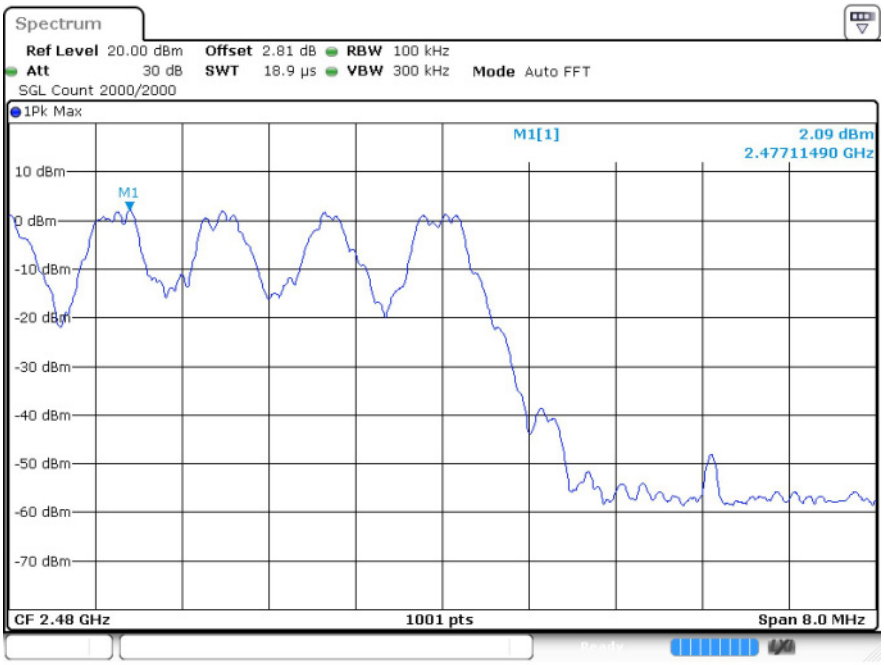
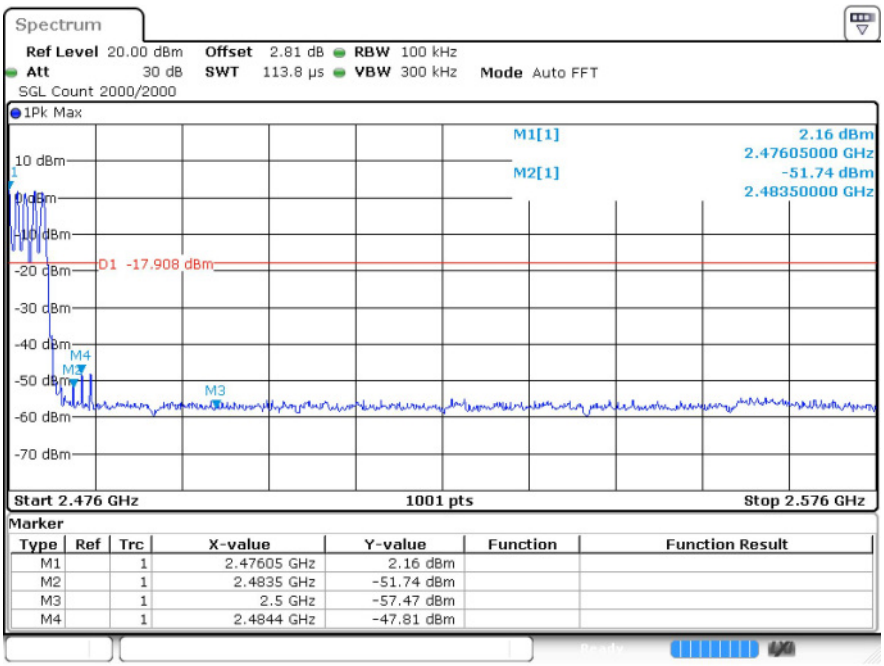
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-56.6	-20	Pass
			On	-54.64	-20	Pass
	HCH	2480	Off	-50.38	-20	Pass
			On	-49.9	-20	Pass
π/4DQPSK	LCH	2402	Off	-55.41	-20	Pass
			On	-53.87	-20	Pass
	HCH	2480	Off	-49.48	-20	Pass
			On	-56.46	-20	Pass
8DPSK	LCH	2402	Off	-54.23	-20	Pass
			On	-53.89	-20	Pass
	HCH	2480	Off	-47.62	-20	Pass
			On	-51.02	-20	Pass

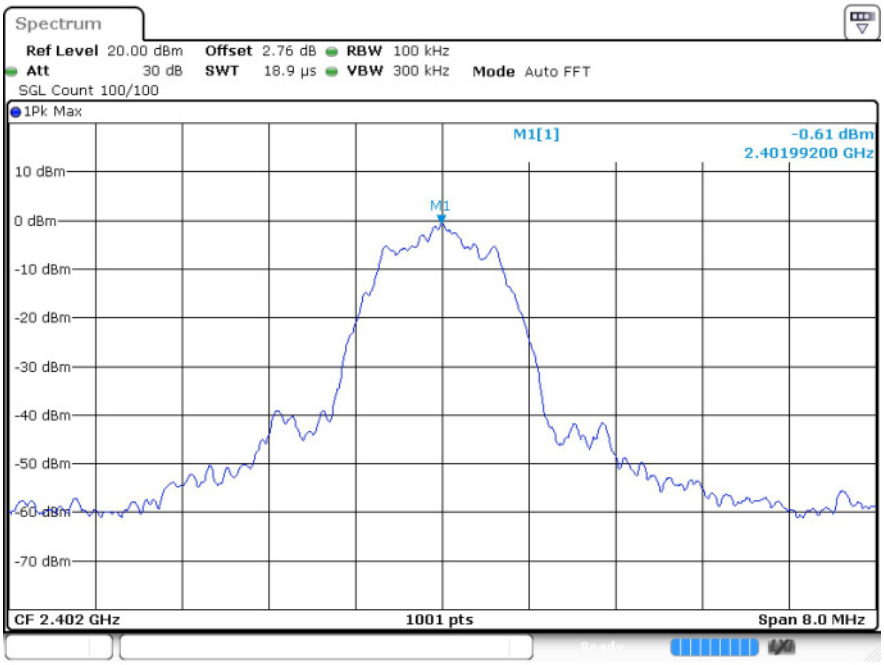
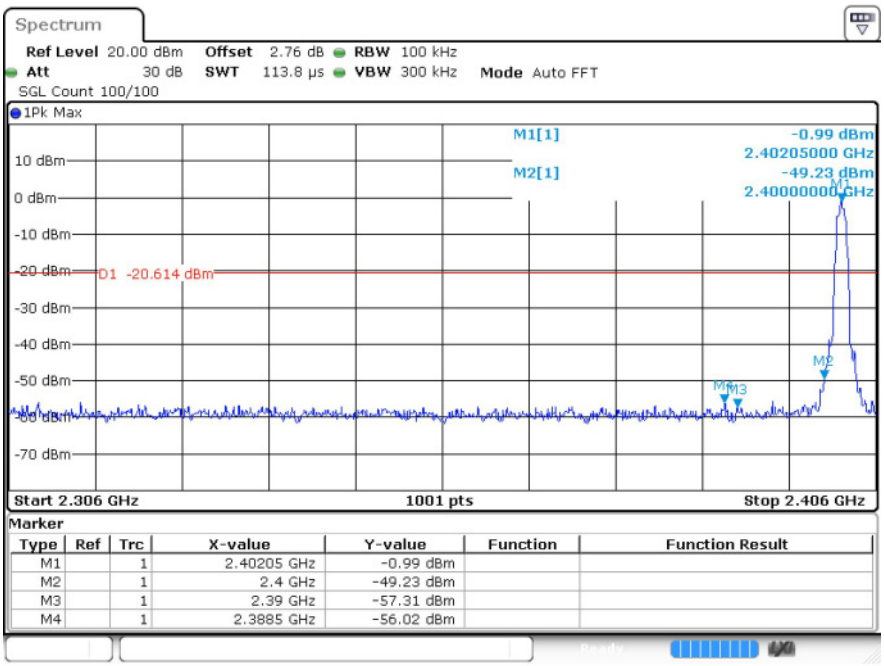
8.2 Test Graphs

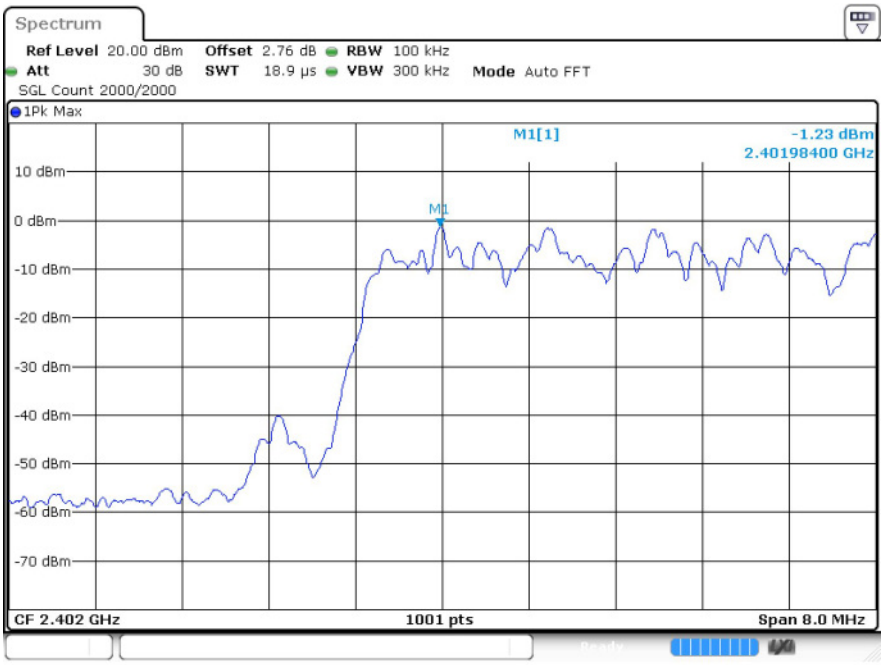
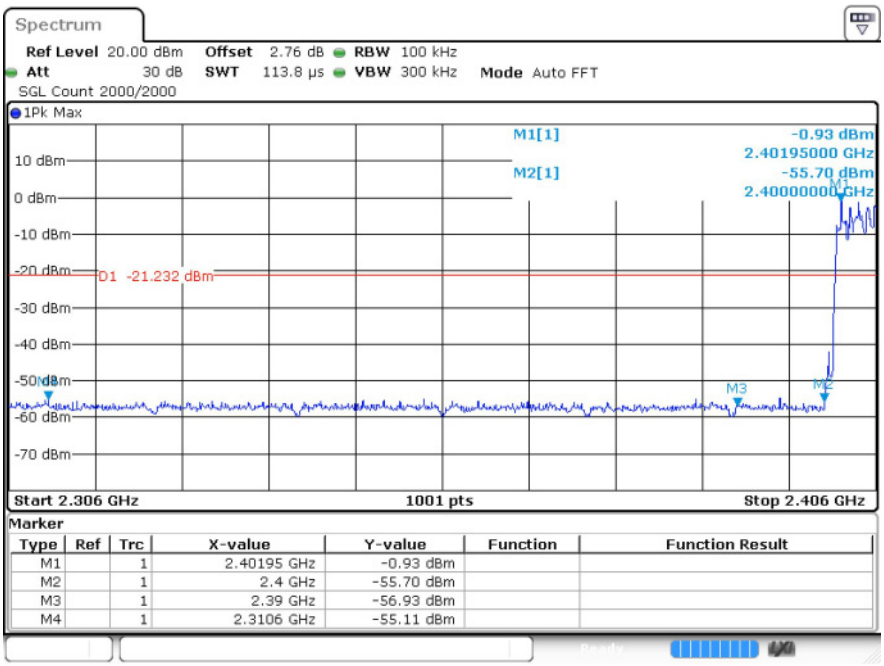
Test Graphs	
Pref	
GFSK/LCH/No Hop	

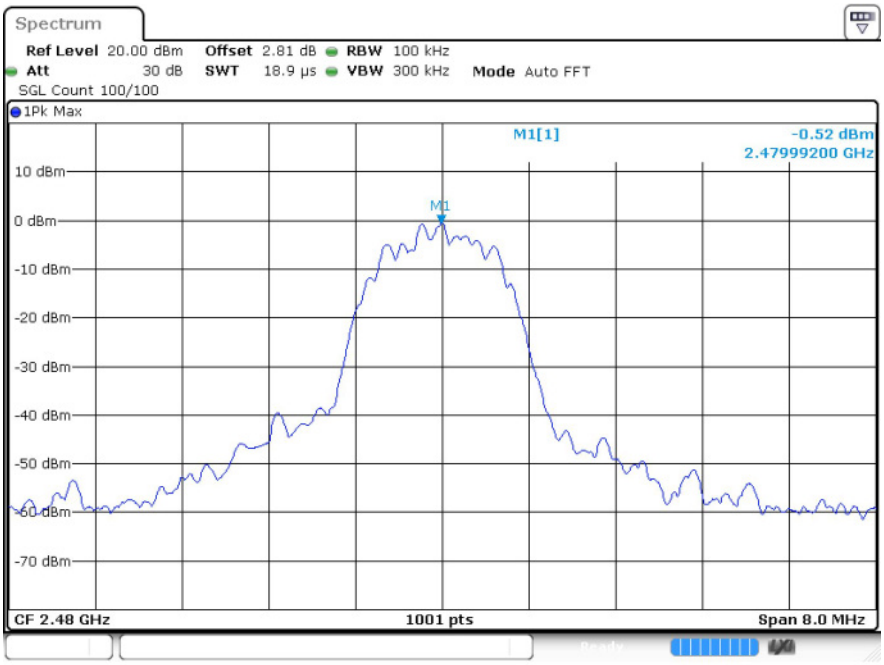
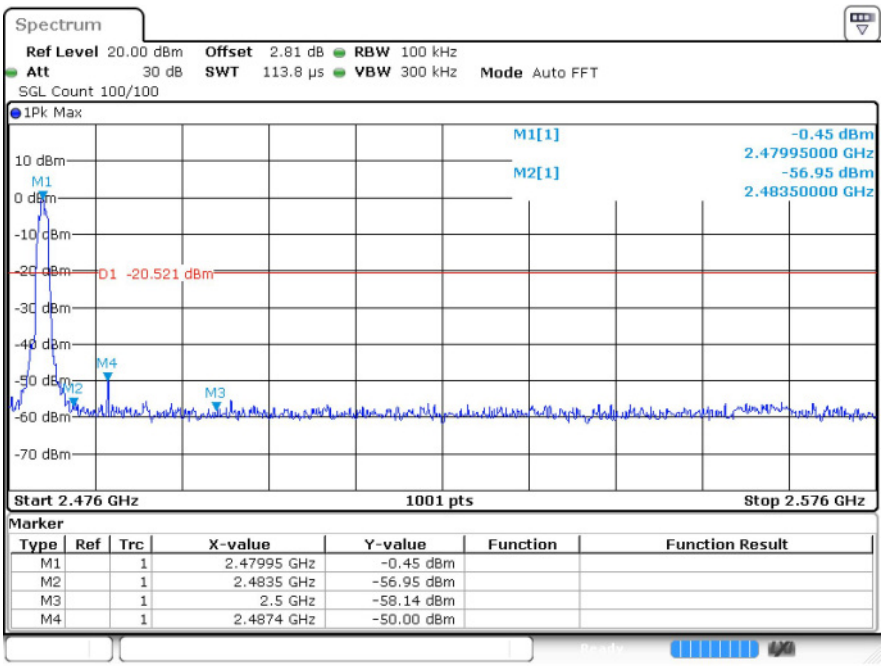
Ref	
GFSK/LCH/Hop	

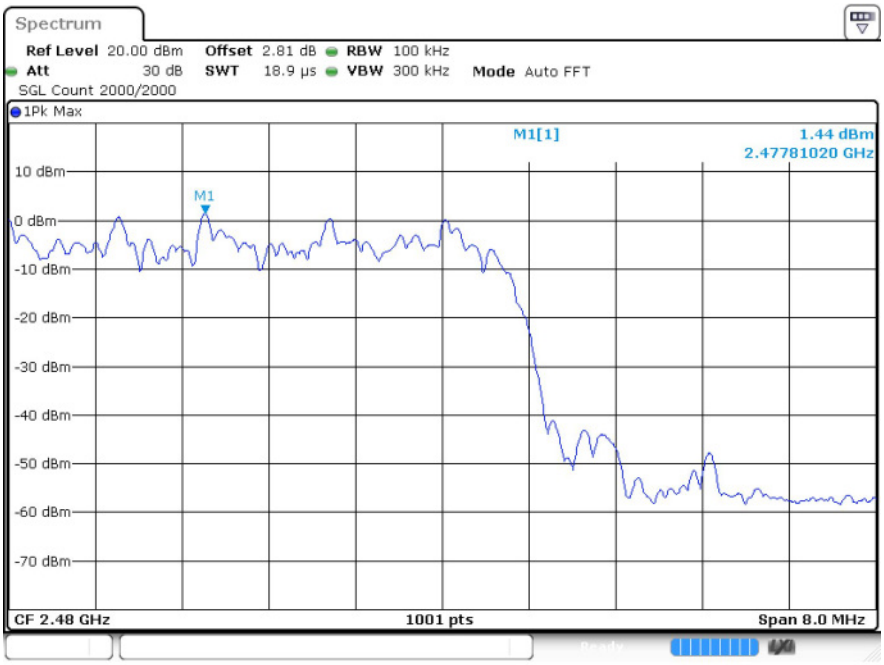
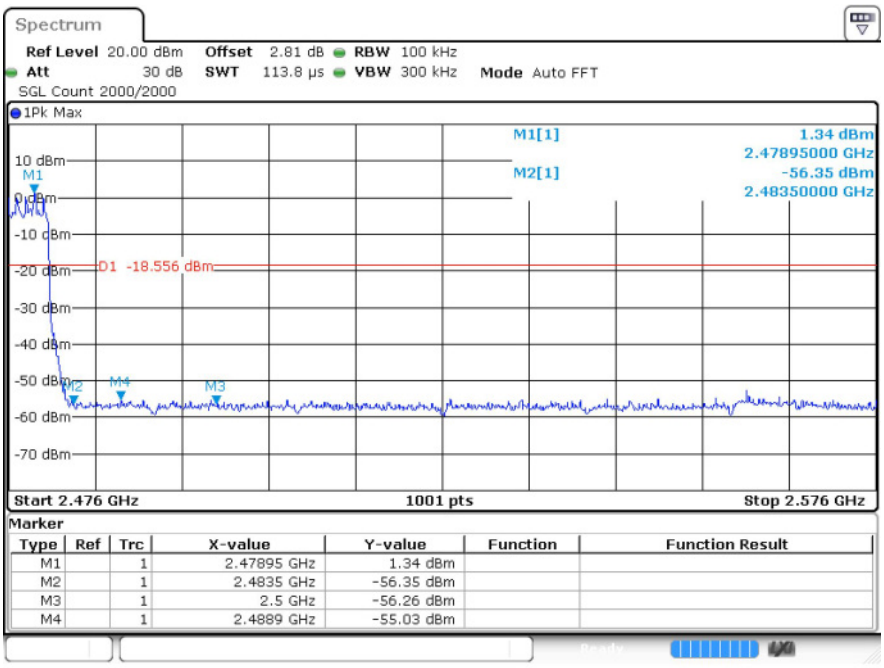
Ref	
GFSK/HCH/No Hop	

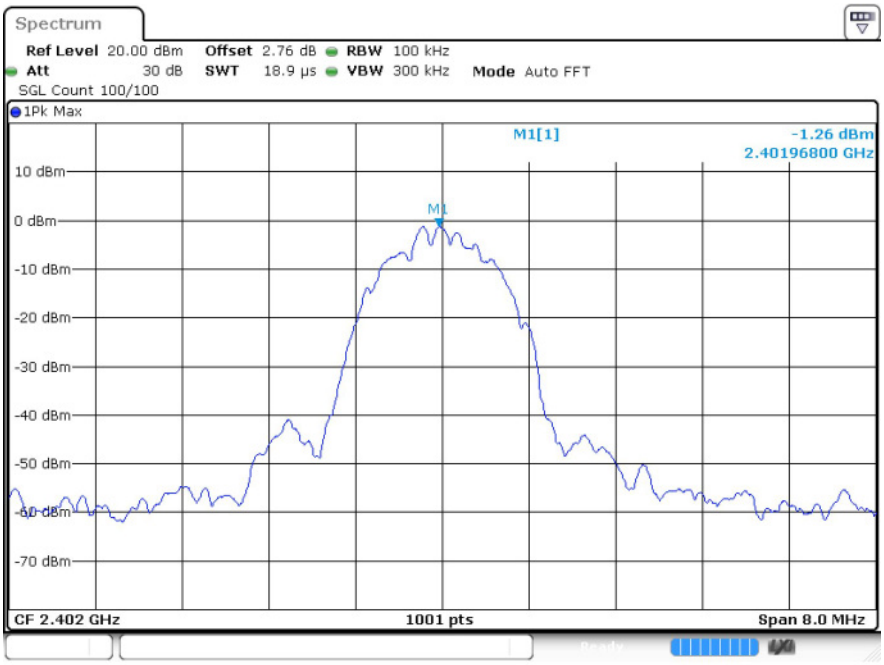
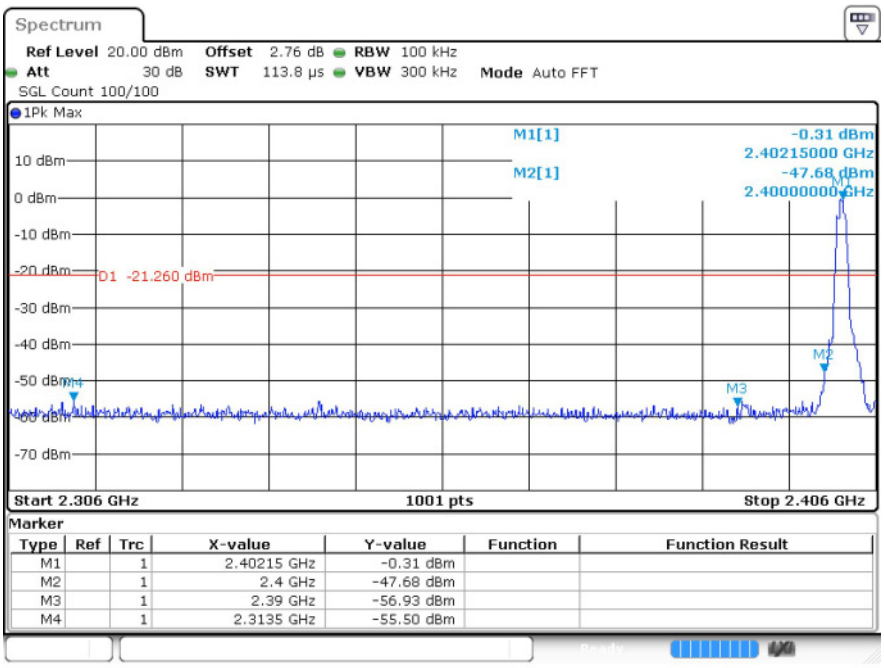
Ref.	
GFSK/HCH/Hop	

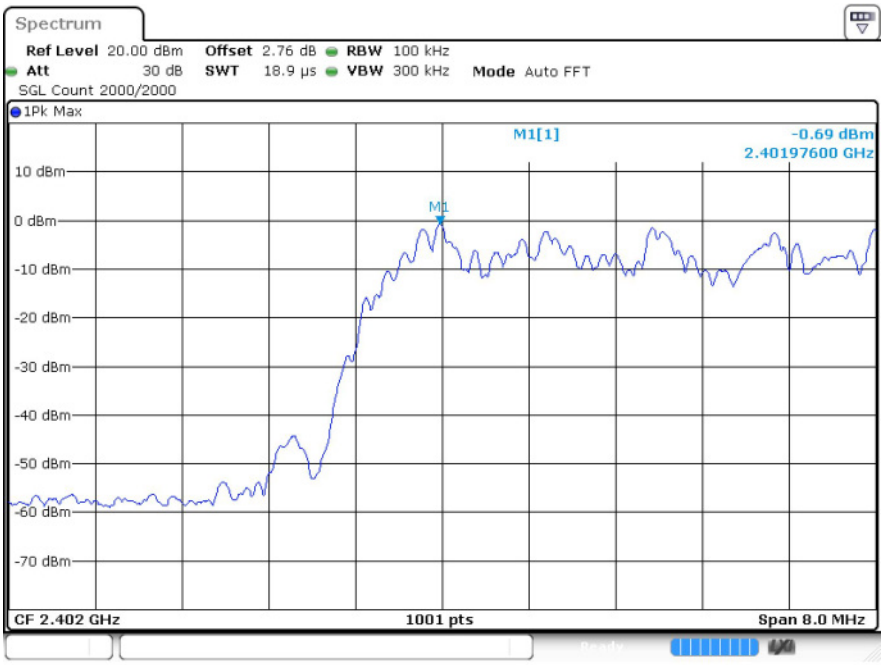
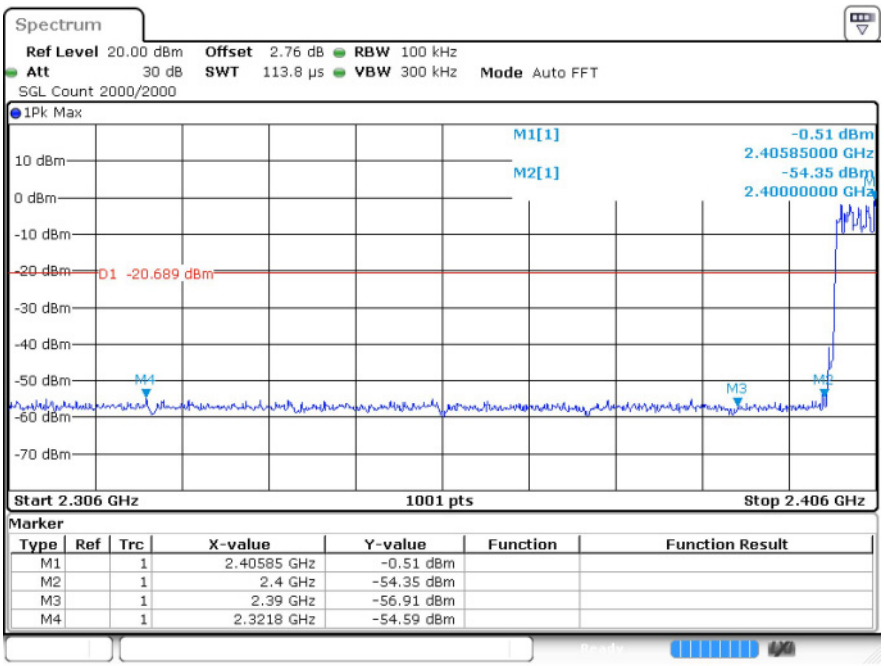
Ref	
π/4DQPSK/LCH/No Hop	

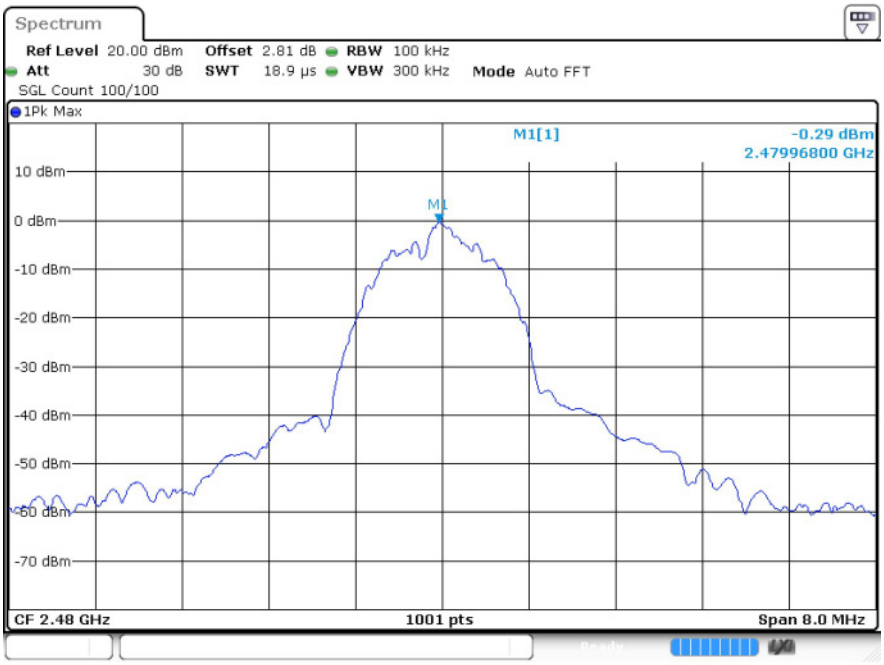
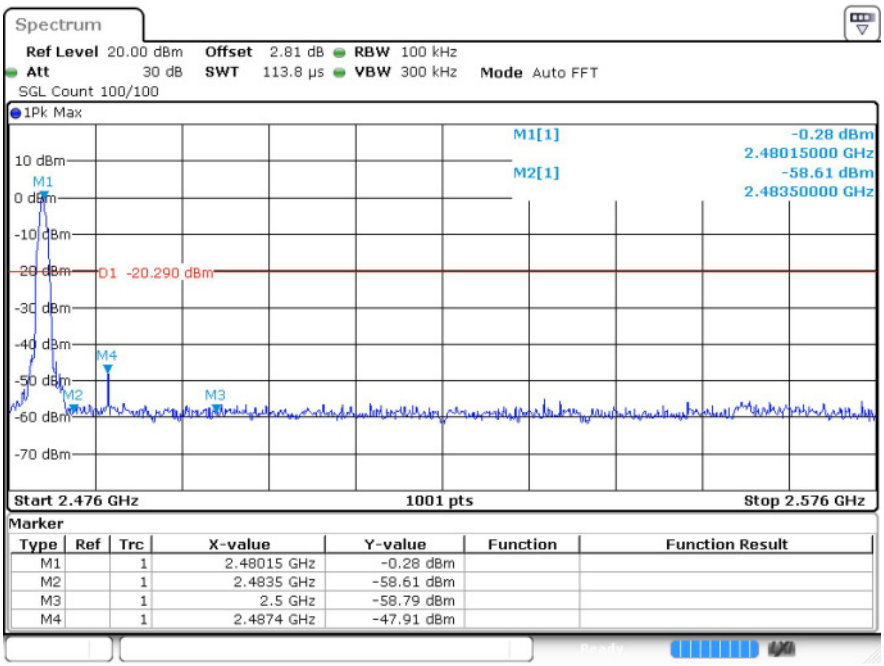
Ref	
π/4DQPSK/LCH/Hop	

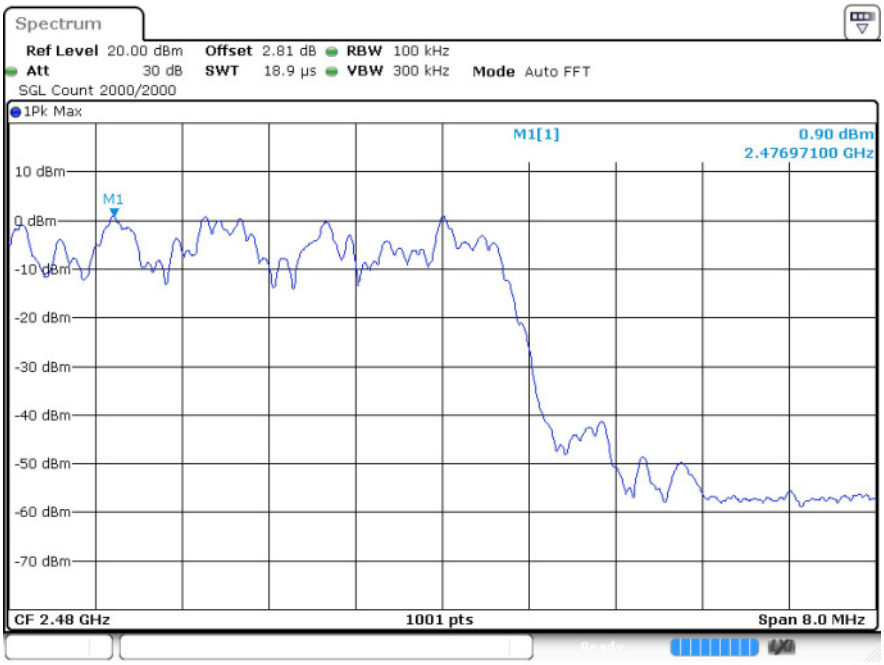
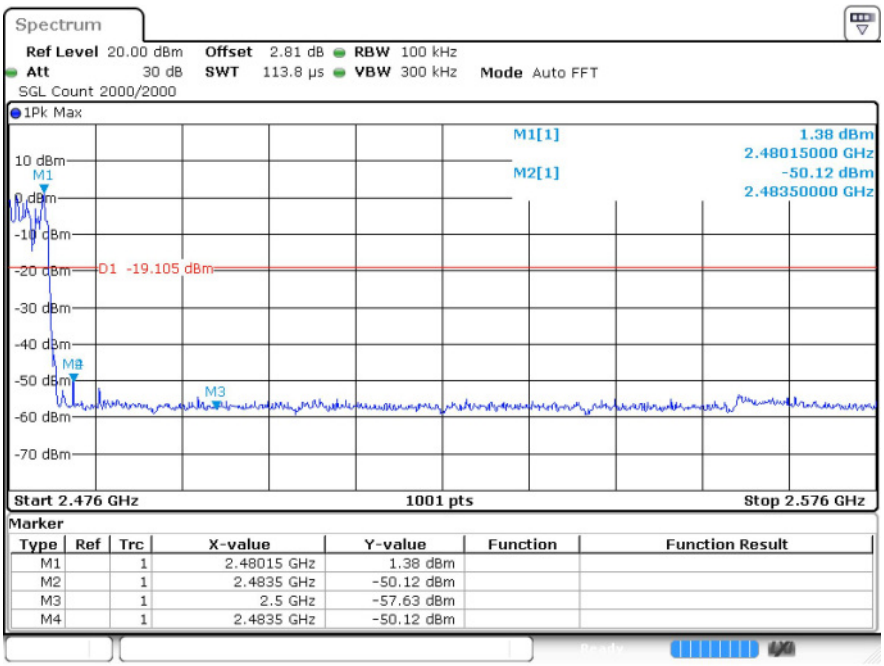
Ref	
π/4DQPSK/HCH/No Hop	

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

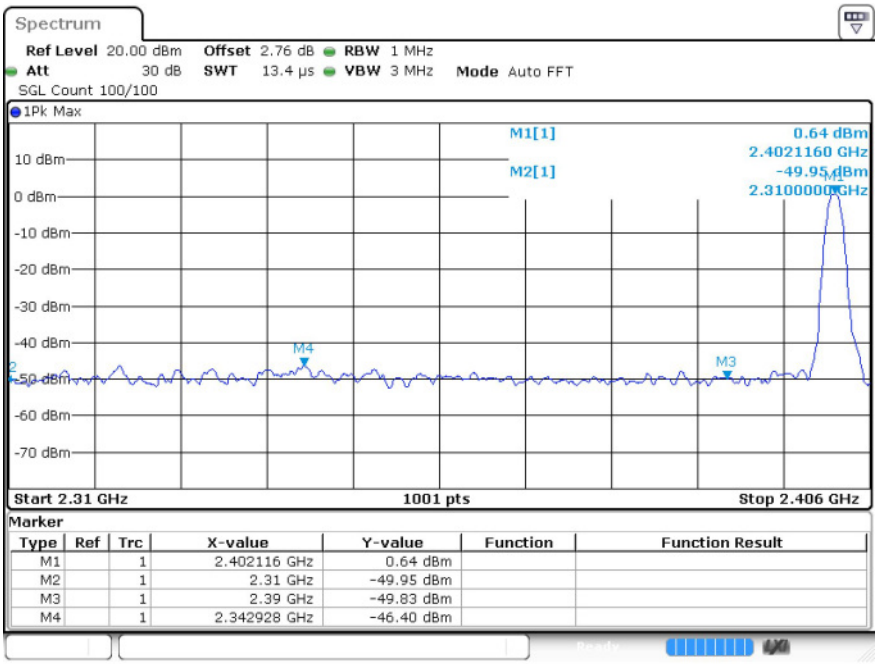
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-49.95	3.45	-	48.73	PEAK	74	Pass
	Off	2310.0	-56.75	3.45	5.06	46.99	AV	54	Pass
	Off	2342.928	-46.4	3.45	-	52.28	PEAK	74	Pass
	Off	2339.76	-54.45	3.45	5.06	49.29	AV	54	Pass
	Off	2390.0	-49.83	3.45	-	48.85	PEAK	74	Pass
	Off	2390.0	-56.81	3.45	5.06	46.93	AV	54	Pass
	Off	2483.5	-48.37	3.45	-	50.31	PEAK	74	Pass
	Off	2483.5	-55.27	3.45	5.06	48.47	AV	54	Pass
	Off	2495.32	-47.41	3.45	-	51.27	PEAK	74	Pass
	Off	2483.512	-55.28	3.45	5.06	48.46	AV	54	Pass
	Off	2500.0	-49.62	3.45	-	49.06	PEAK	74	Pass
	Off	2500.0	-57.36	3.45	5.06	46.38	AV	54	Pass
π/4DQPSK	Off	2310.0	-48.36	3.45	-	50.32	PEAK	74	Pass
	Off	2310.0	-55.75	3.45	4.95	47.88	AV	54	Pass
	Off	2342.928	-46.32	3.45	-	52.36	PEAK	74	Pass
	Off	2338.224	-53.99	3.45	4.95	49.64	AV	54	Pass
	Off	2390.0	-49.32	3.45	-	49.36	PEAK	74	Pass
	Off	2390.0	-56.64	3.45	4.95	46.99	AV	54	Pass
	Off	2483.5	-46.69	3.45	-	51.99	PEAK	74	Pass
	Off	2483.5	-55.74	3.45	4.95	47.89	AV	54	Pass
	Off	2483.8	-46.77	3.45	-	51.91	PEAK	74	Pass
	Off	2498.272	-55.37	3.45	4.95	48.26	AV	54	Pass
	Off	2500.0	-49.07	3.45	-	49.61	PEAK	74	Pass
	Off	2500.0	-56.46	3.45	4.95	47.17	AV	54	Pass
8DPSK	Off	2310.0	-50.78	3.45	-	47.90	PEAK	74	Pass
	Off	2310.0	-56.06	3.45	4.95	47.57	AV	54	Pass
	Off	2342.736	-47	3.45	-	51.68	PEAK	74	Pass
	Off	2338.128	-53.79	3.45	4.95	49.84	AV	54	Pass

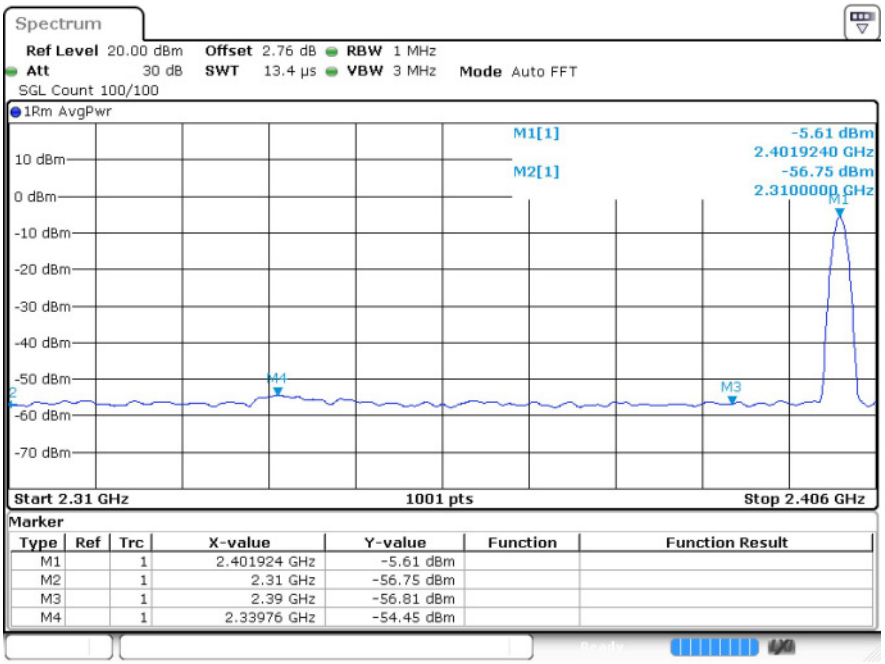
	Off	2390.0	-47.81	3.45	-	50.87	PEAK	74	Pass
	Off	2390.0	-56.1	3.45	4.95	47.53	AV	54	Pass
	Off	2483.5	-47.16	3.45	-	51.52	PEAK	74	Pass
	Off	2483.5	-56.51	3.45	4.95	47.12	AV	54	Pass
	Off	2486.824	-45.49	3.45	-	53.19	PEAK	74	Pass
	Off	2488.576	-55.51	3.45	4.95	48.12	AV	54	Pass
	Off	2500.0	-49.22	3.45	-	49.46	PEAK	74	Pass
	Off	2500.0	-56.4	3.45	4.95	47.23	AV	54	Pass

9.2 Test Graphs

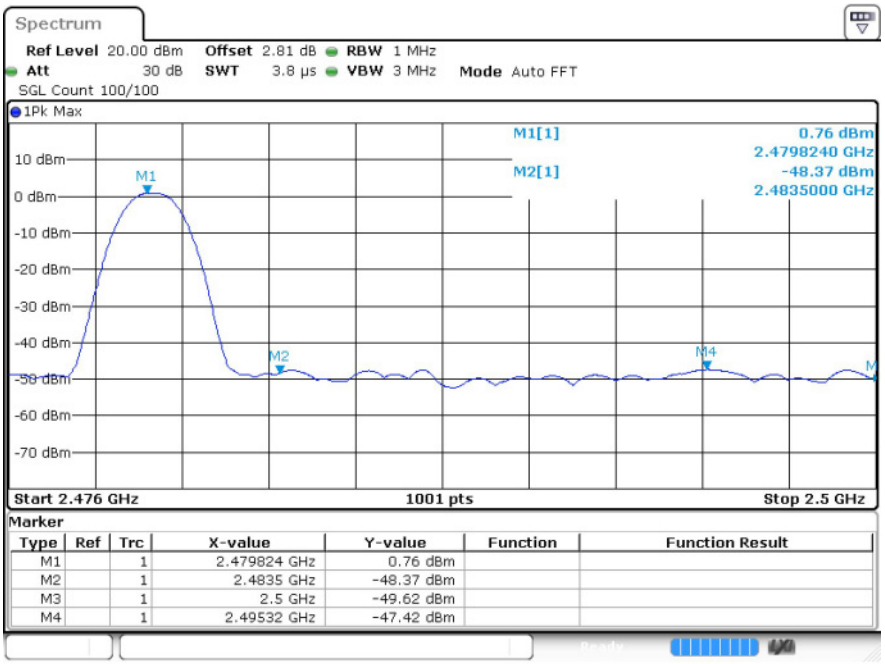
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



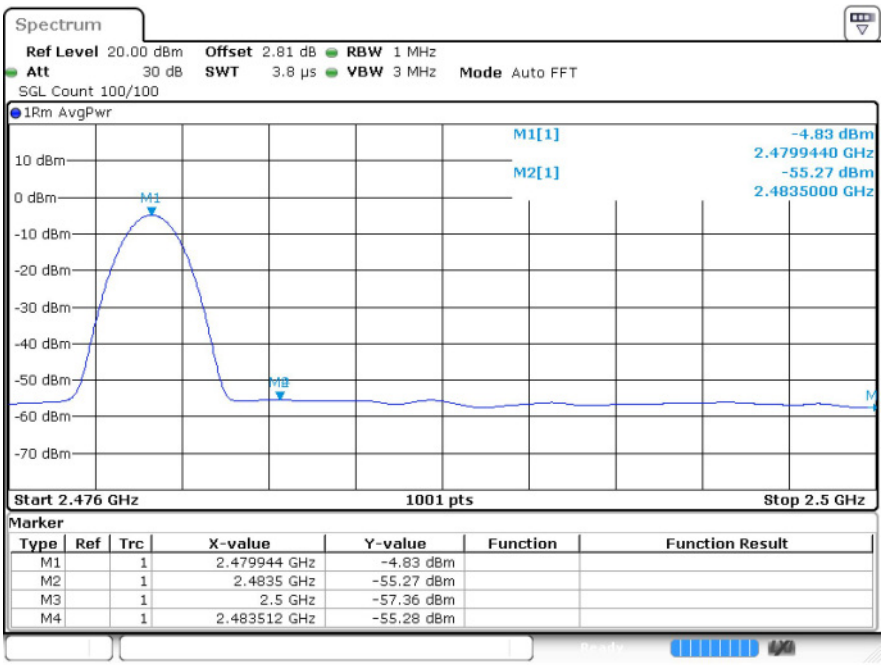
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



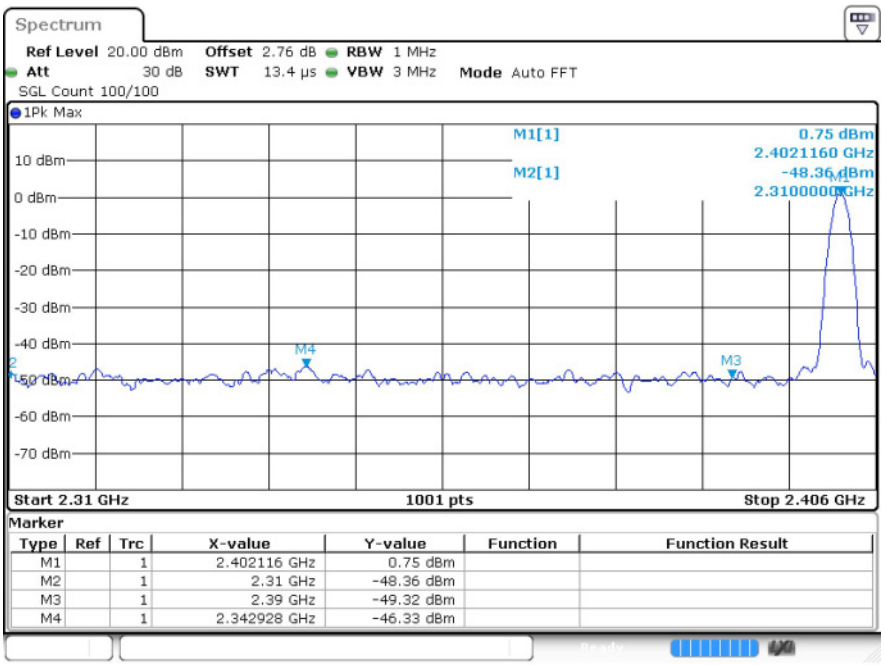
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



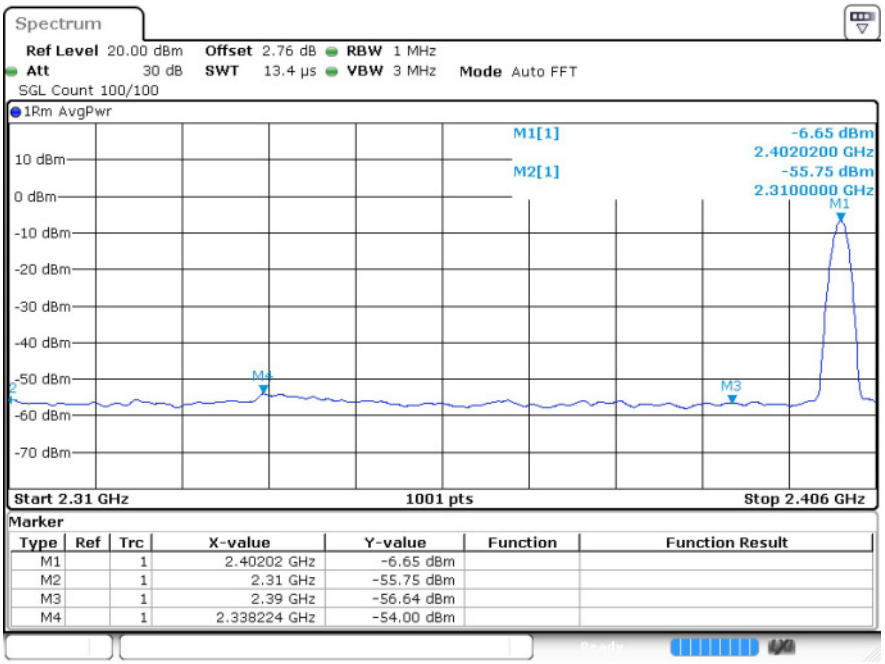
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



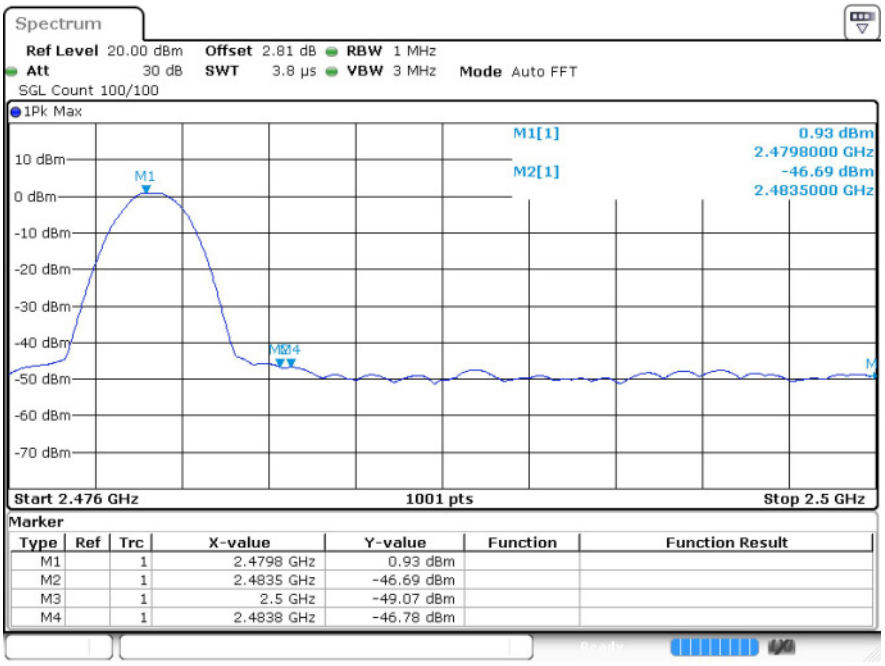
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



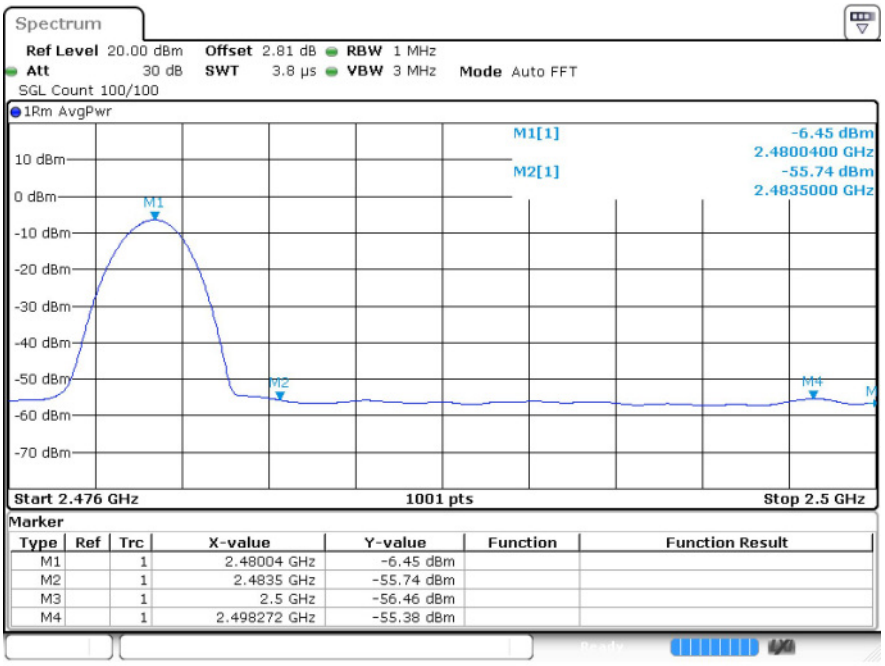
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



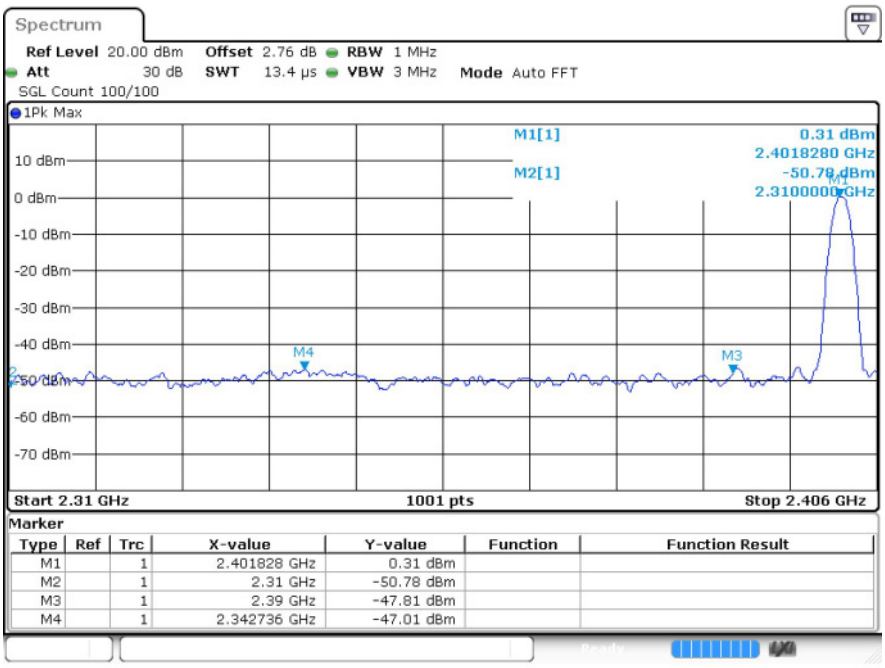
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



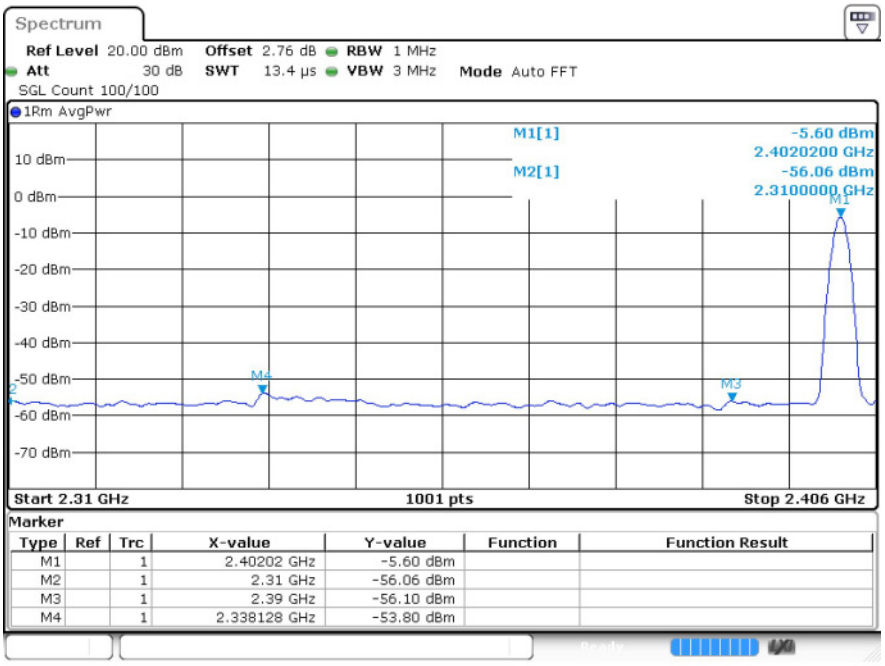
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



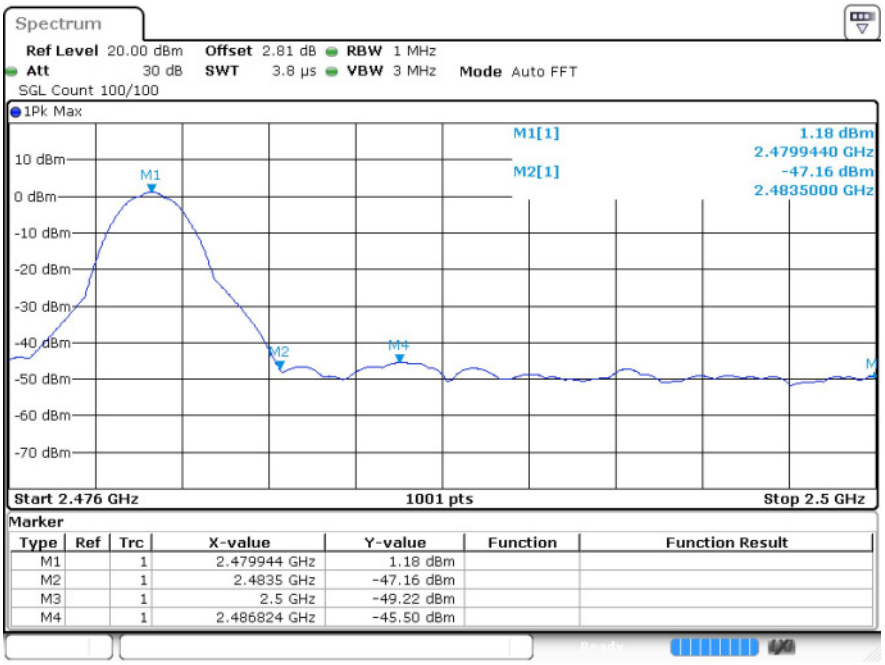
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



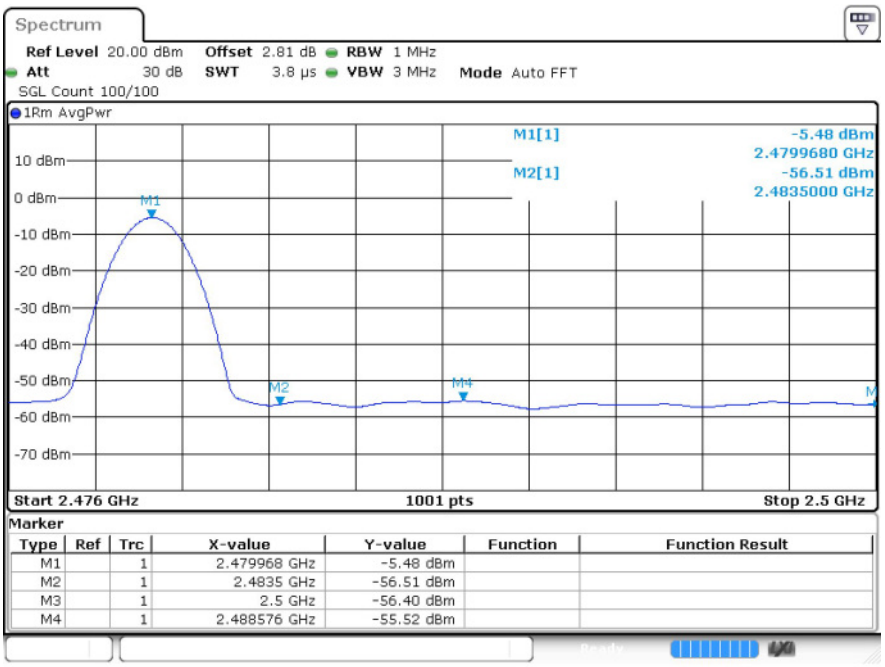
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---