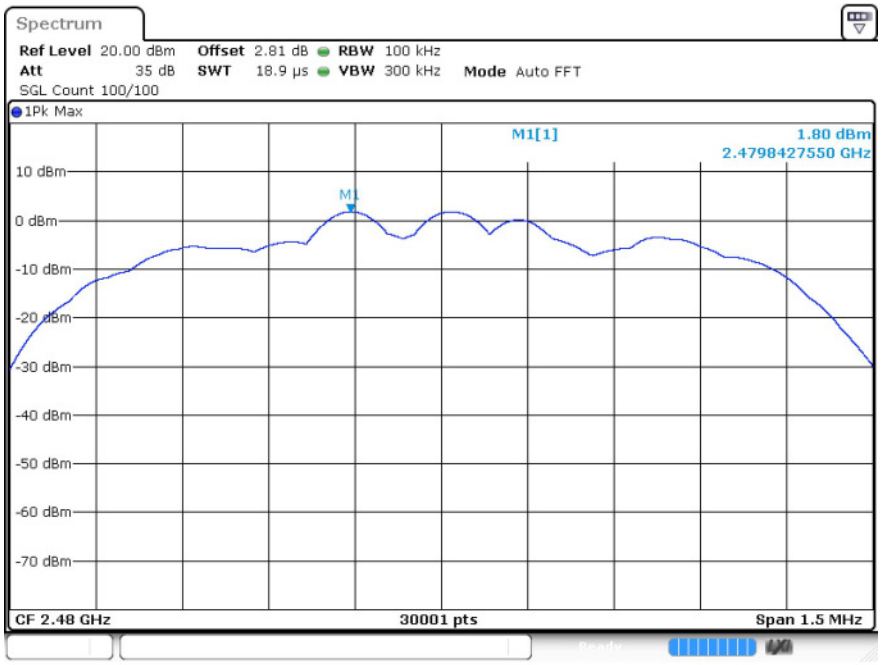
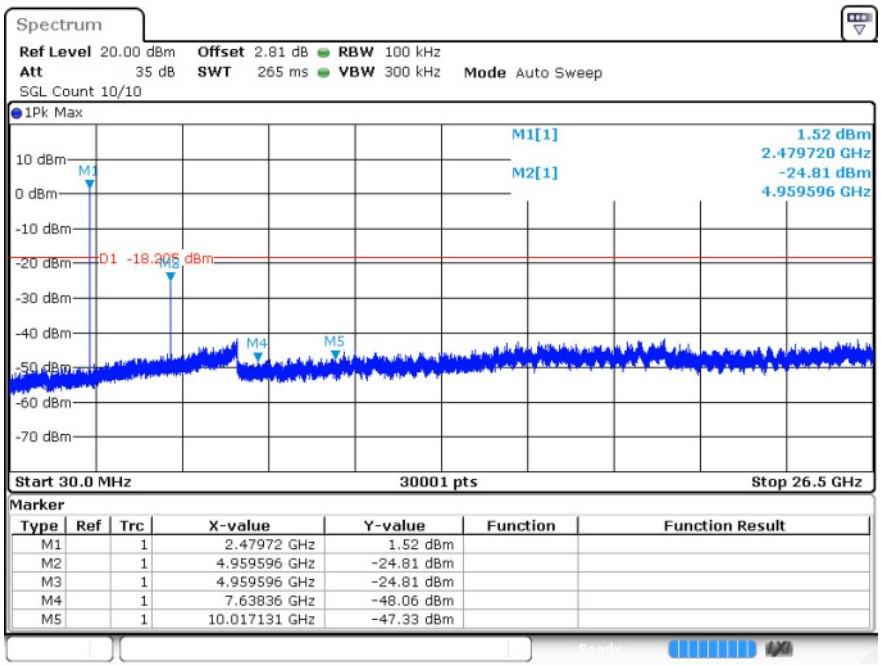
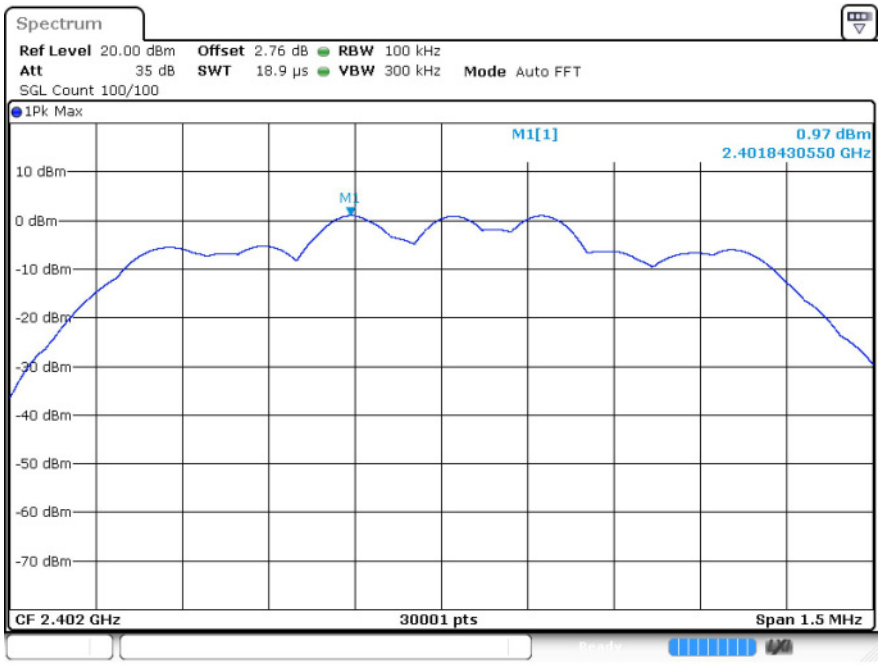
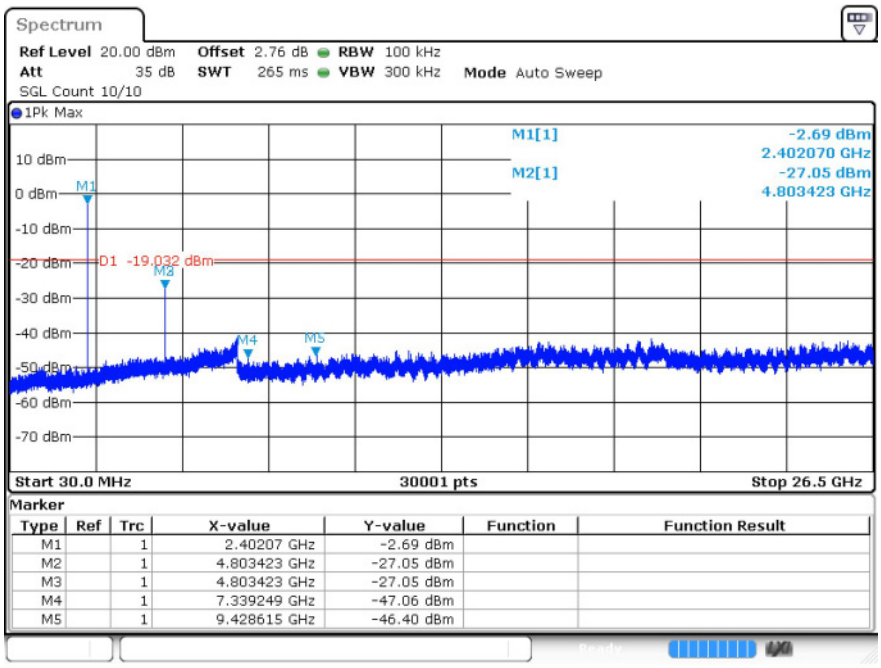
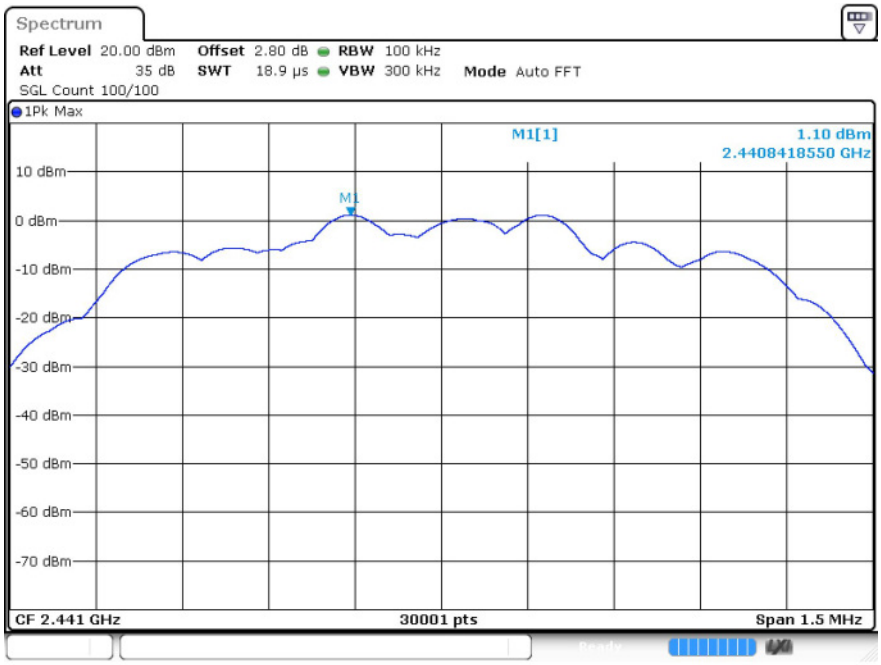
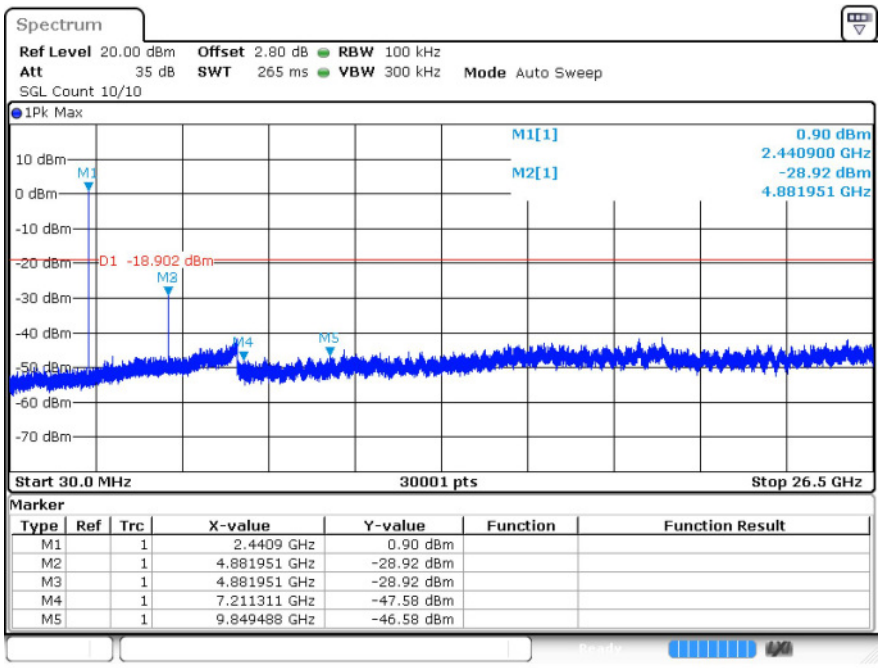
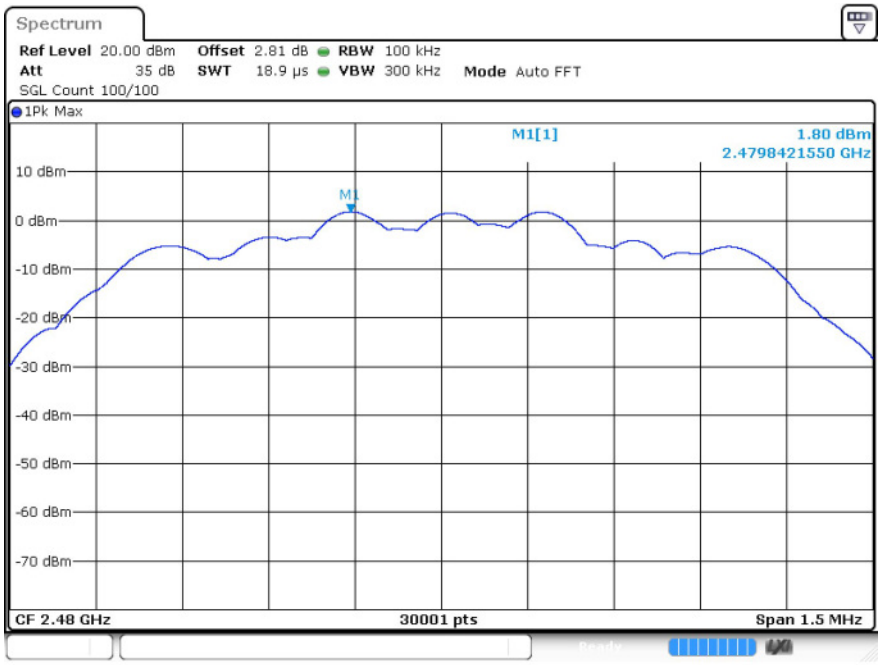
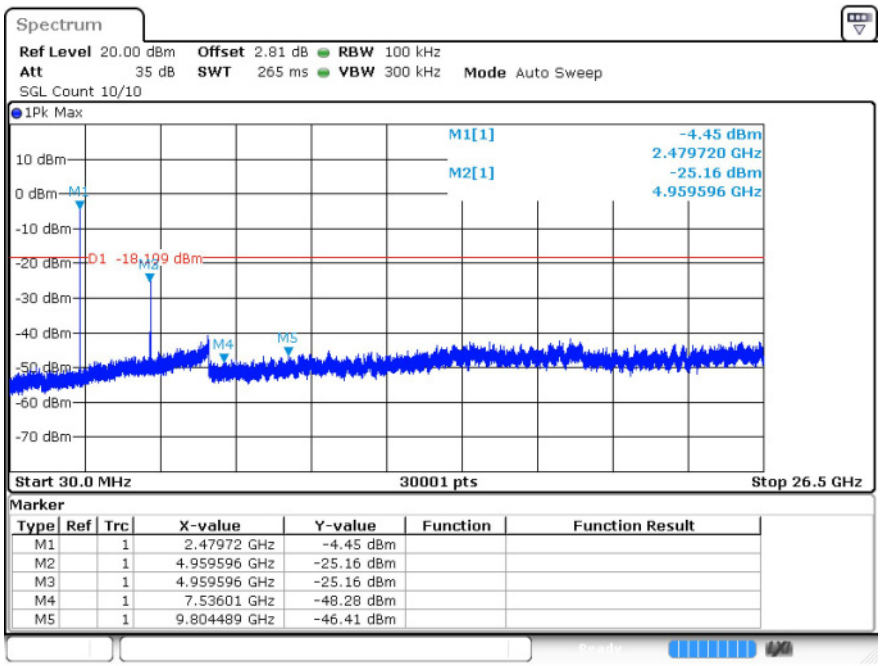
π/4DQPSK_HCH_Graphs	
Pref	
Puw	

8DPSK_LCH_Graphs	
Pref	
Puw	

8DPSK_MCH_Graphs	
Pref	
Puw	

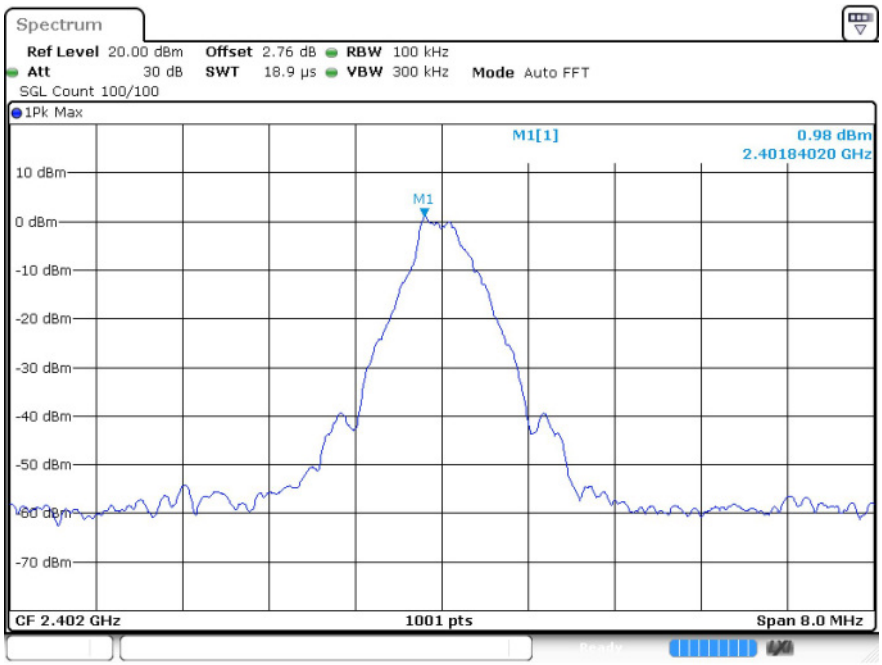
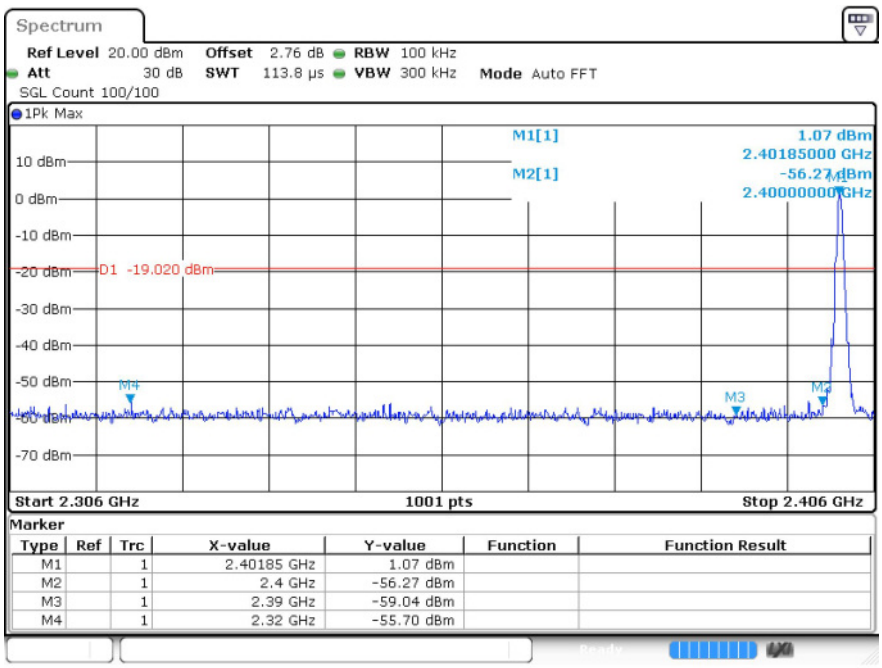
8DPSK_HCH_Graphs	
Pref	
Puw	

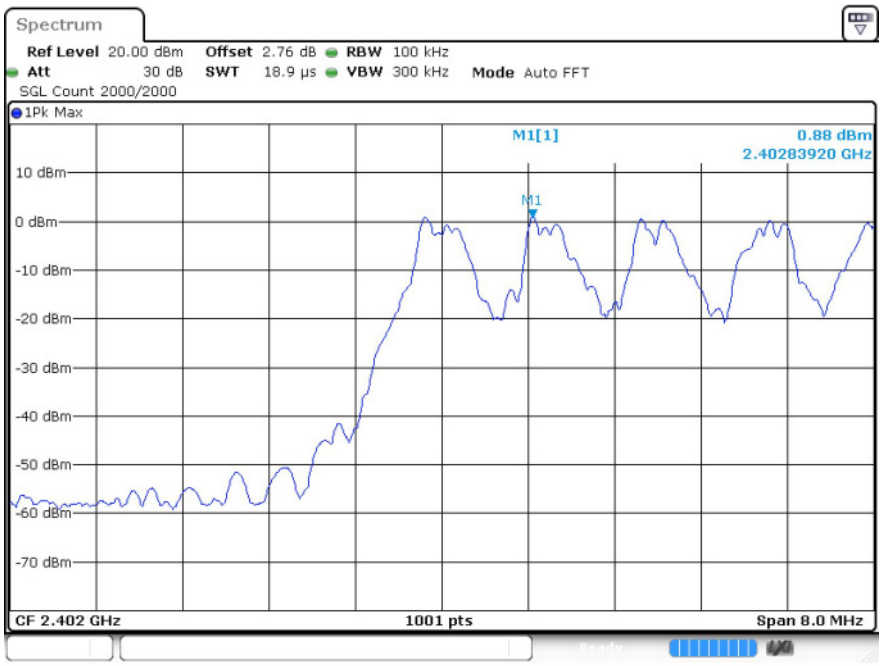
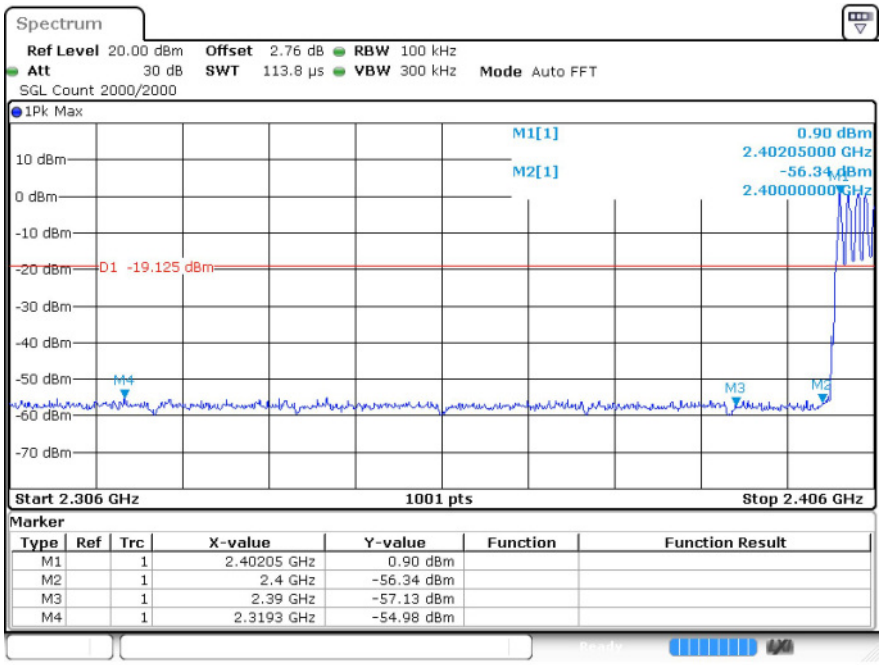
8 Band-edge for RF Conducted Emissions

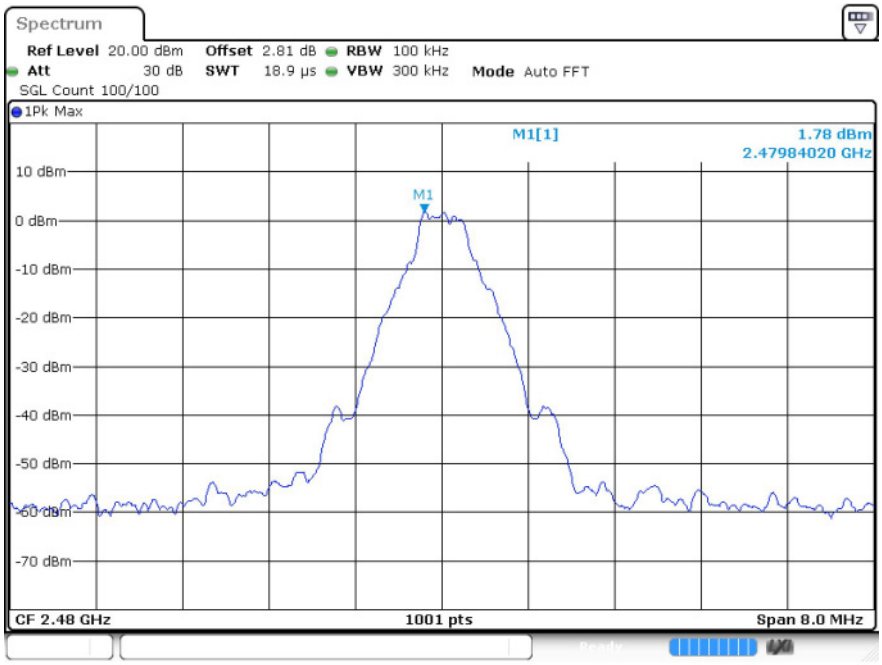
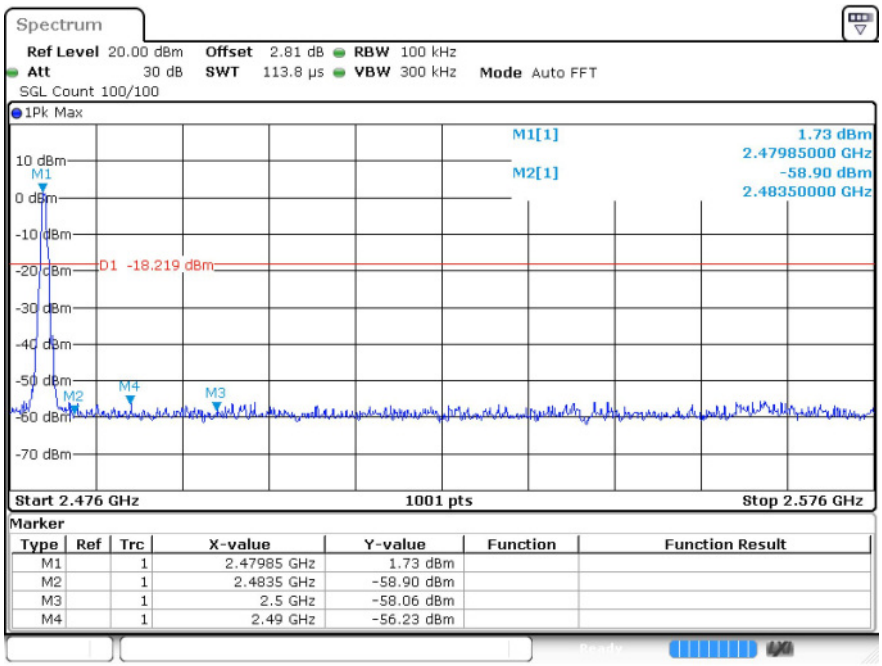
8.1 Test Result

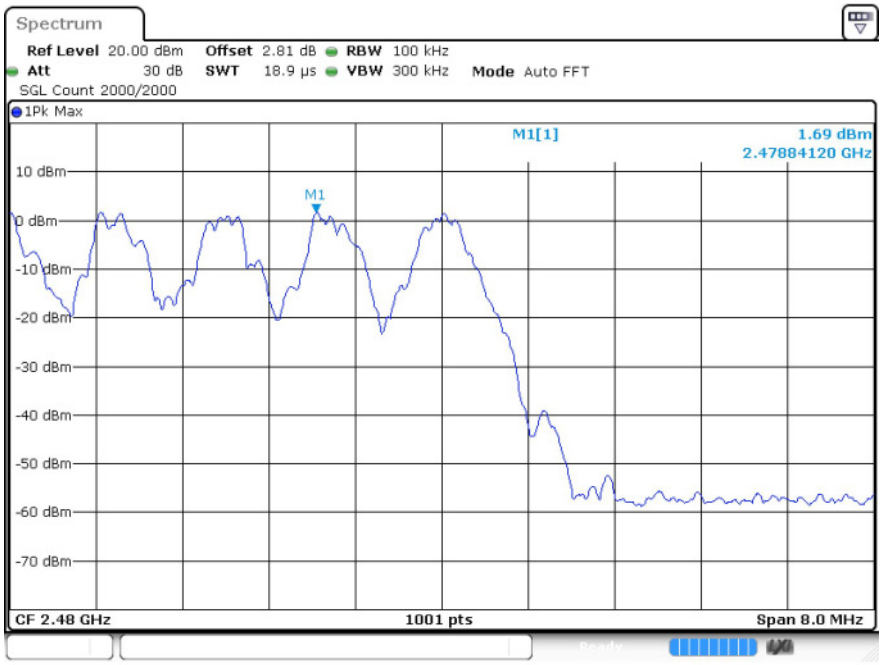
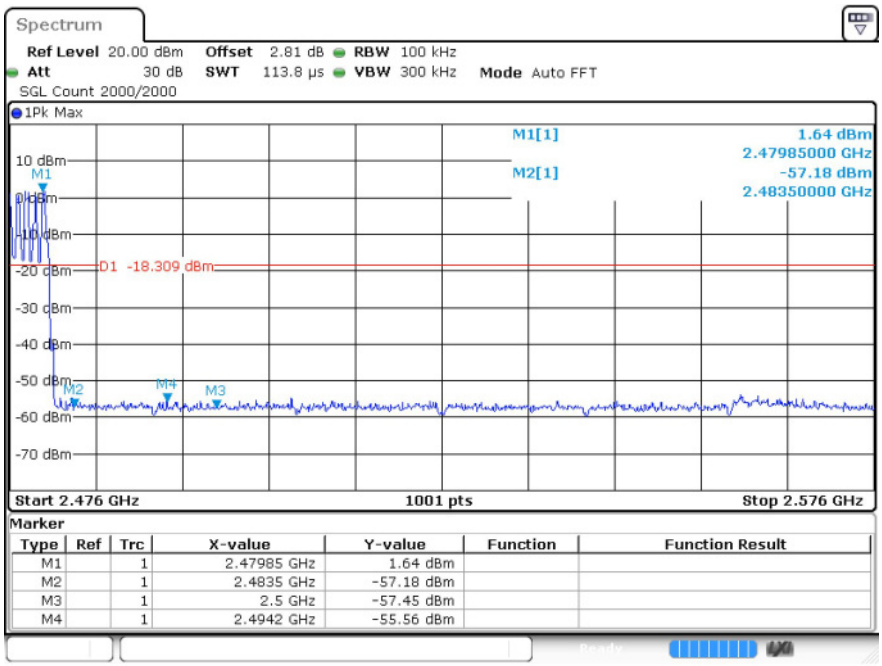
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-56.68	-20	Pass
			On	-55.86	-20	Pass
	HCH	2480	Off	-58	-20	Pass
			On	-57.25	-20	Pass
π/4DQPSK	LCH	2402	Off	-56.35	-20	Pass
			On	-56.15	-20	Pass
	HCH	2480	Off	-57.14	-20	Pass
			On	-57.17	-20	Pass
8DPSK	LCH	2402	Off	-57.38	-20	Pass
			On	-55.61	-20	Pass
	HCH	2480	Off	-49.69	-20	Pass
			On	-56.32	-20	Pass

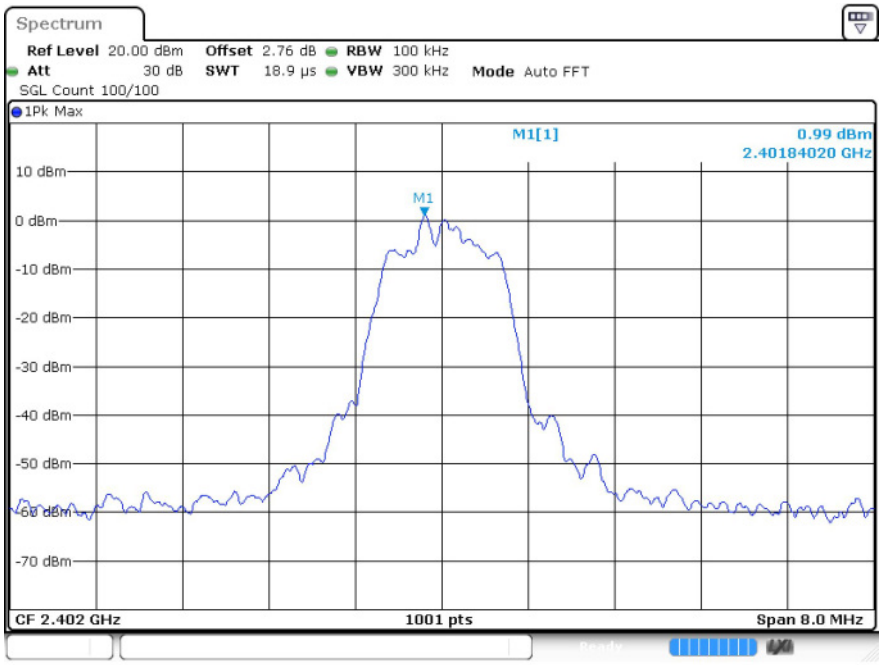
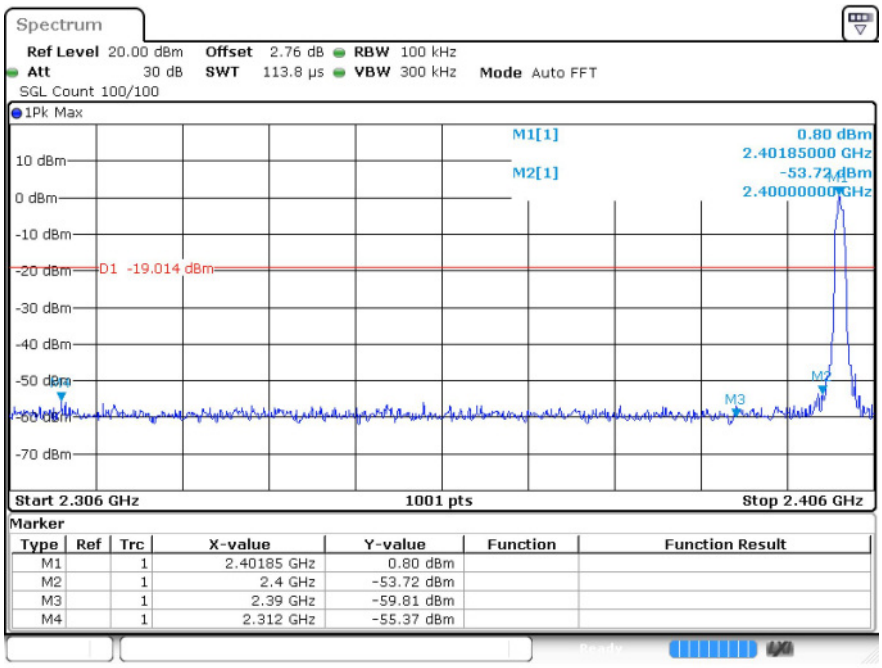
8.2 Test Graphs

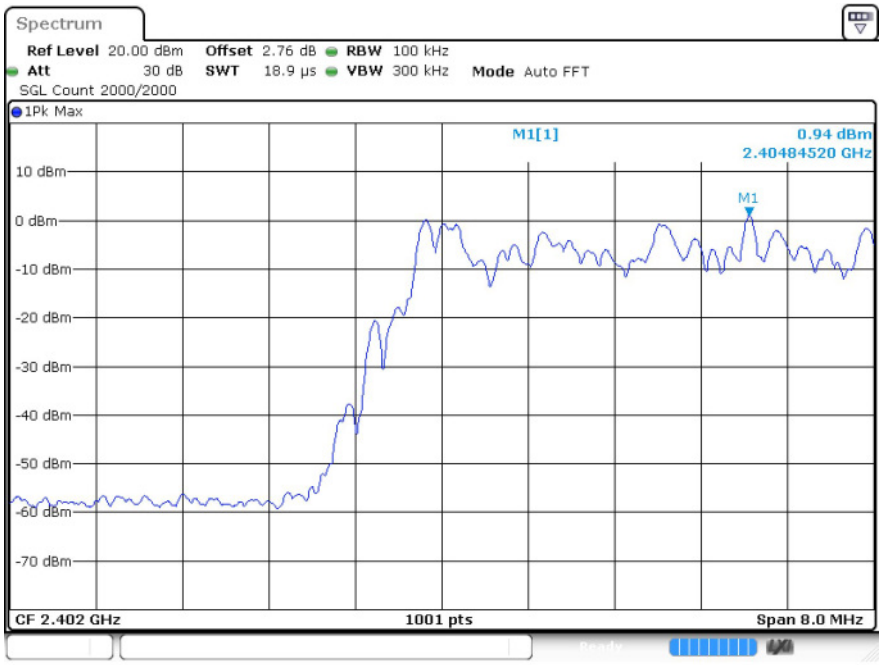
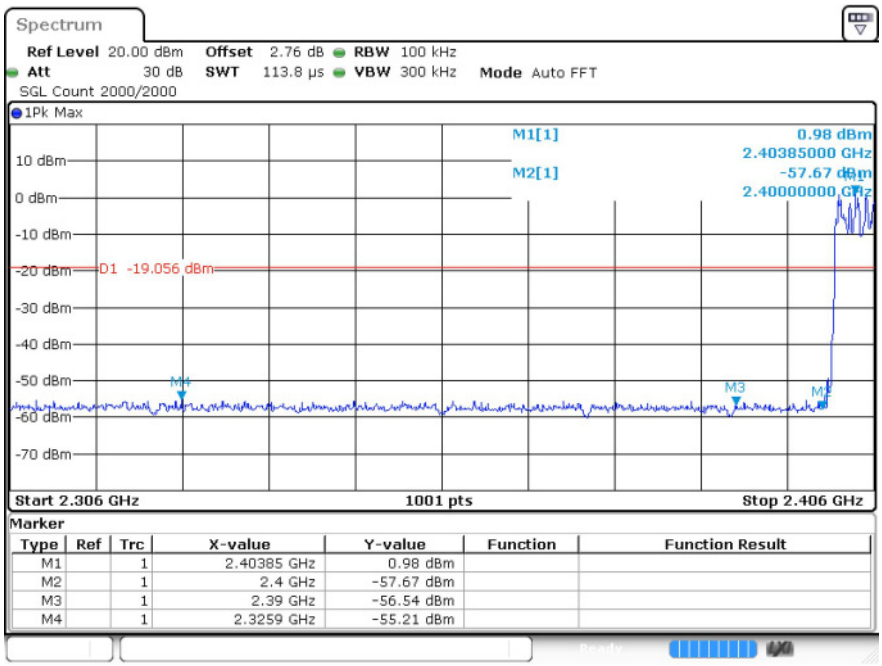
Test Graphs	
Pref	
GFSK/LCH/No Hop	

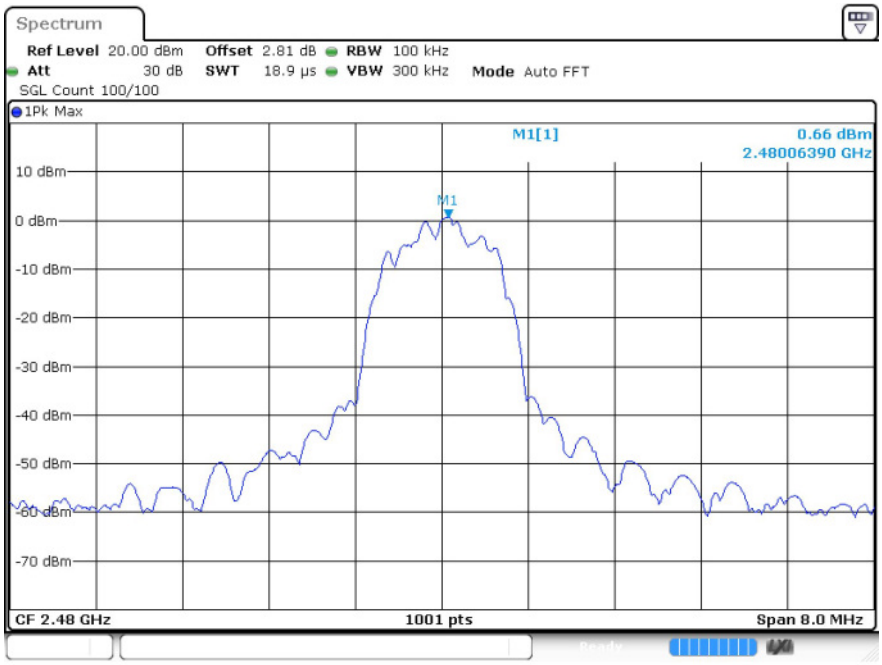
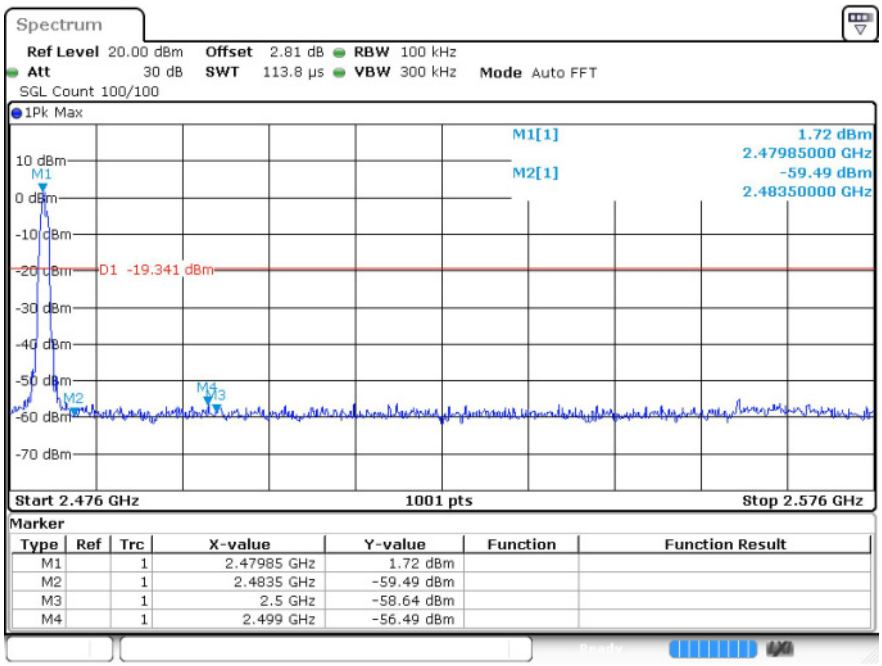
Ref	
GFSK/LCH/Hop	

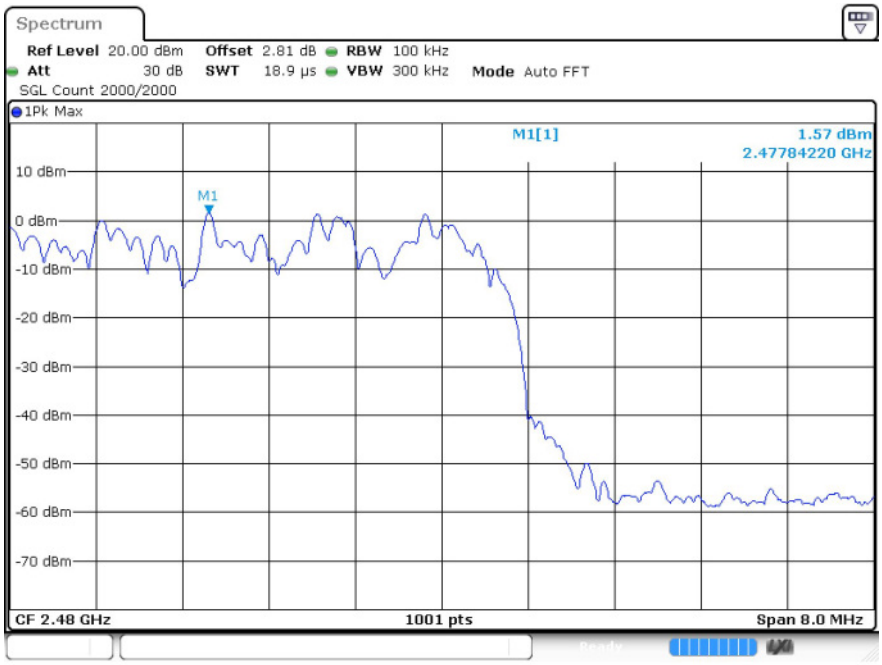
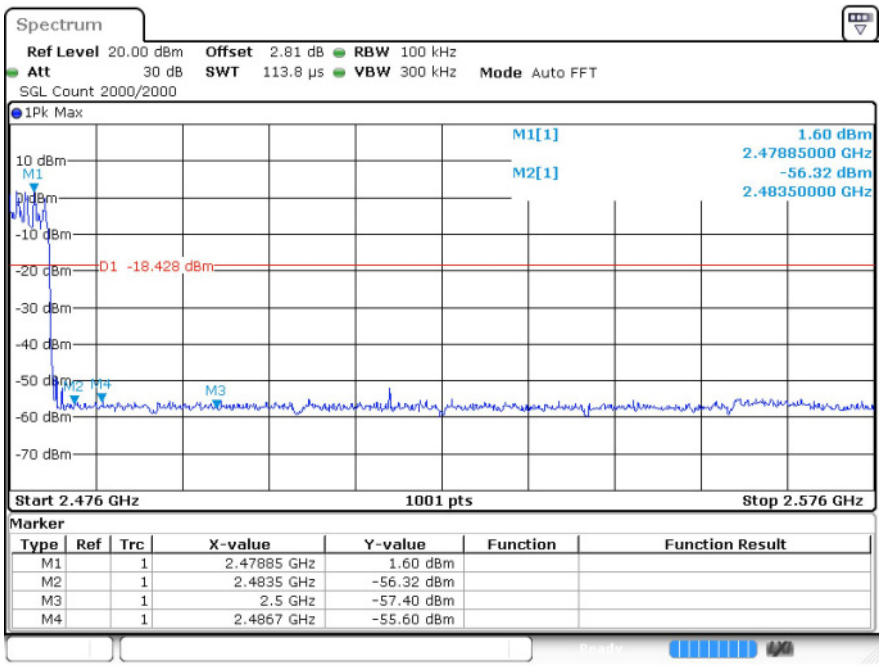
Ref	
GFSK/HCH/No Hop	

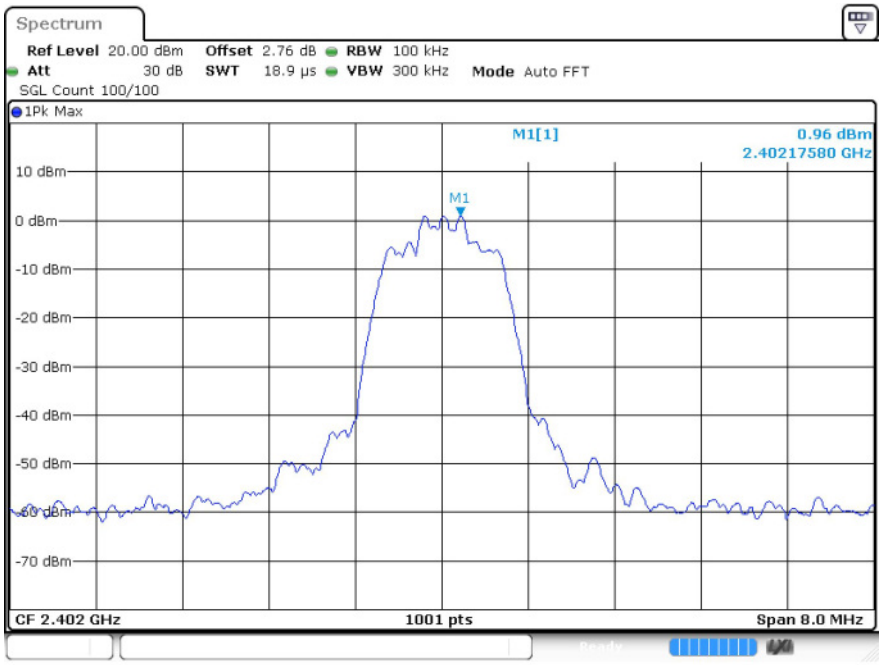
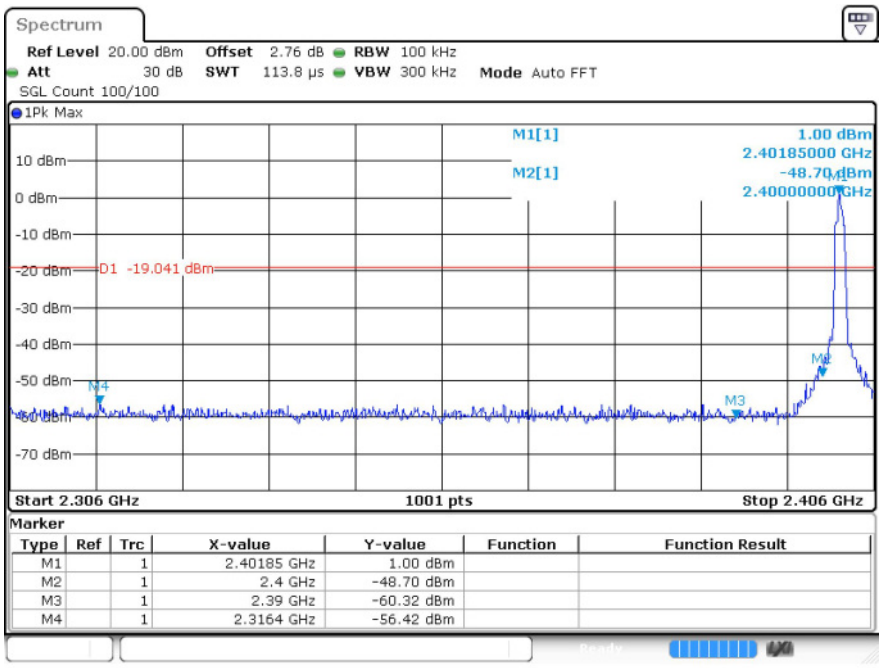
Ref.	
GFSK/HCH/Hop	

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	

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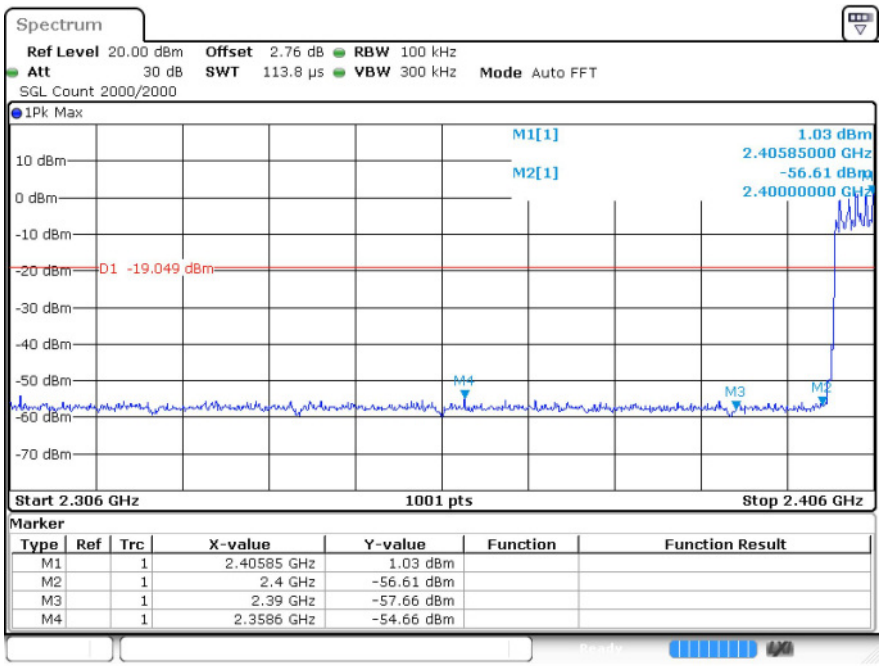
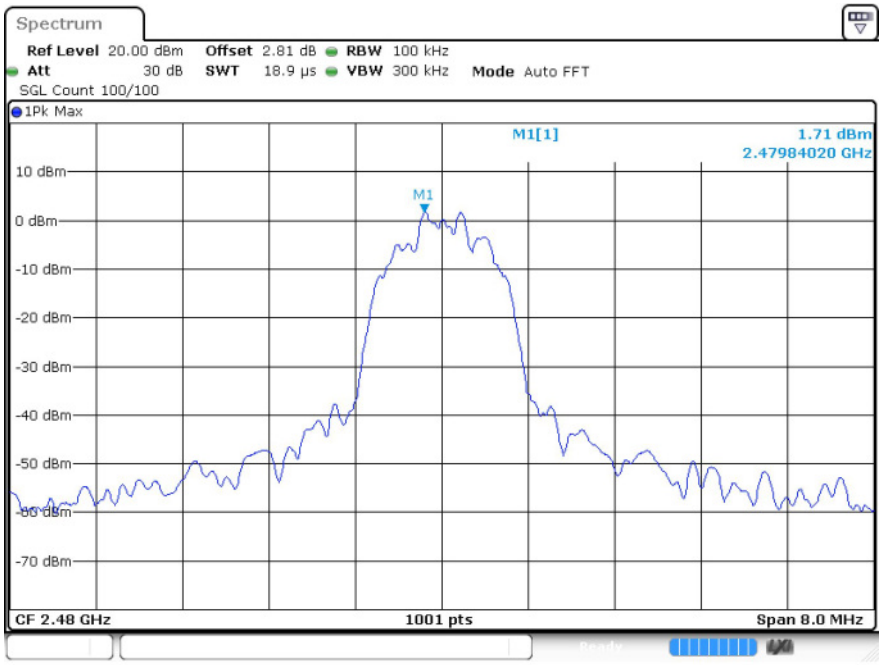
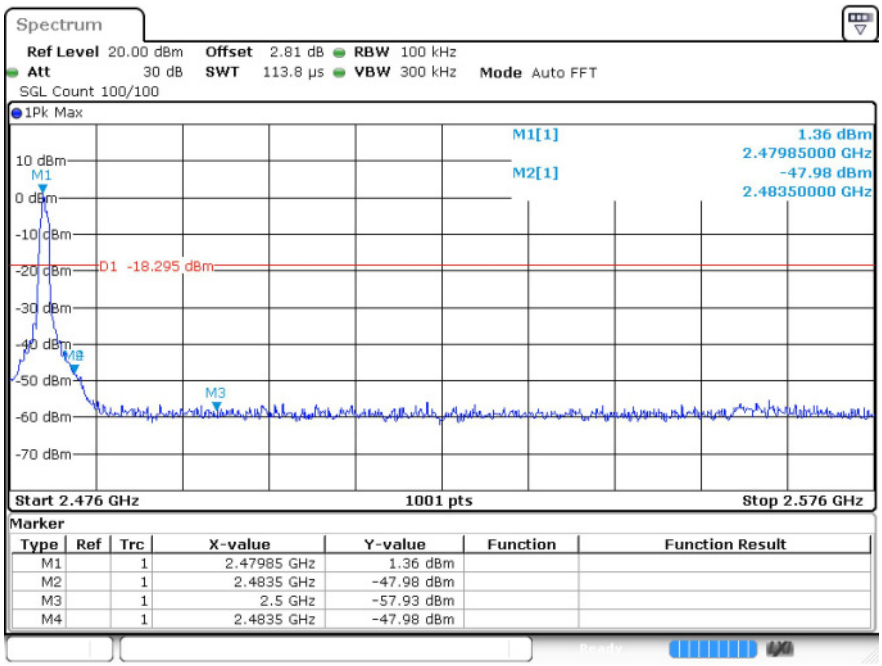
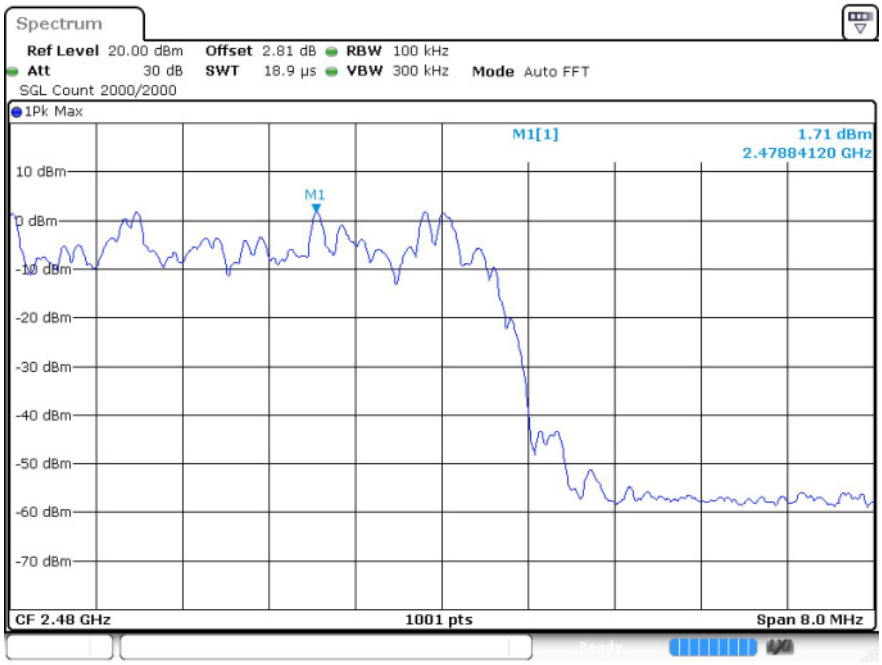
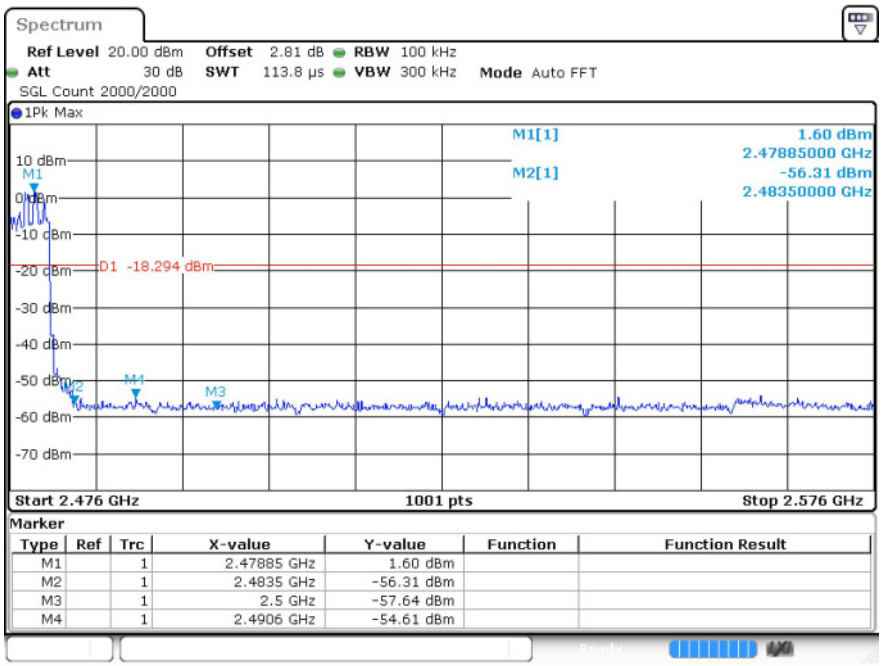
8DPSK/LCH/Hop	

Ref	
8DPSK/HCH/No Hop	

Ref	
8DPSK/HCH/Hop	

9 Restrict-band band-edge measurements

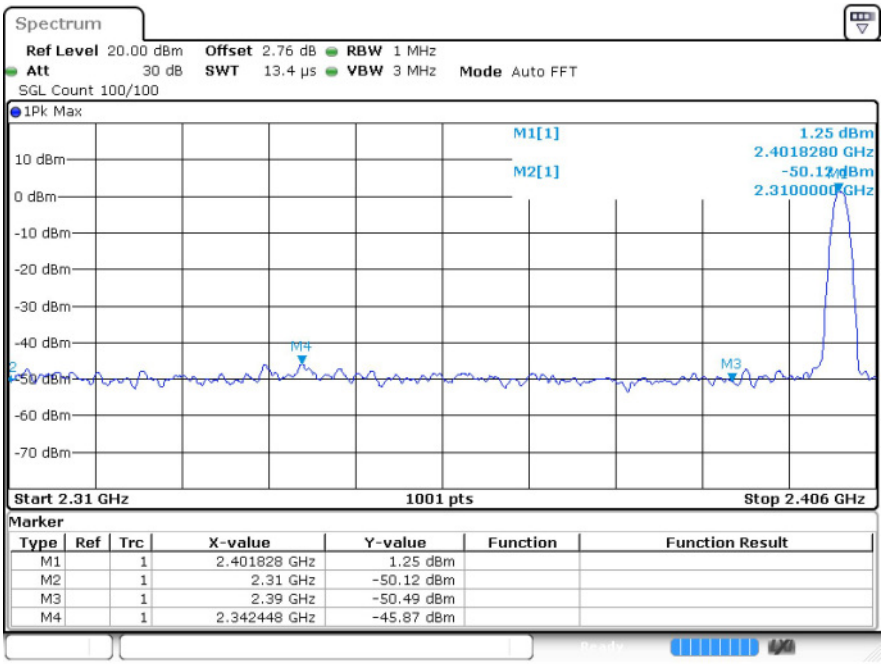
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-50.12	2	-	47.14	PEAK	74	Pass
	Off	2310.0	-57.35	2	4.74	44.65	AV	54	Pass
	Off	2342.448	-45.87	2	-	51.39	PEAK	74	Pass
	Off	2340.24	-54.47	2	4.74	47.53	AV	54	Pass
	Off	2390.0	-50.49	2	-	46.77	PEAK	74	Pass
	Off	2390.0	-57.29	2	4.74	44.71	AV	54	Pass
	Off	2483.5	-47.44	2	-	49.82	PEAK	74	Pass
	Off	2483.5	-56.32	2	4.74	45.68	AV	54	Pass
	Off	2483.512	-47.48	2	-	49.78	PEAK	74	Pass
	Off	2485.528	-55.79	2	4.74	46.21	AV	54	Pass
	Off	2500.0	-49.65	2	-	47.61	PEAK	74	Pass
	Off	2500.0	-56.66	2	4.74	45.34	AV	54	Pass
π/4DQPSK	Off	2310.0	-47.39	2	-	49.87	PEAK	74	Pass
	Off	2310.0	-56.43	2	4.63	45.46	AV	54	Pass
	Off	2331.024	-46.05	2	-	51.21	PEAK	74	Pass
	Off	2340.432	-54.41	2	4.63	47.48	AV	54	Pass
	Off	2390.0	-49.83	2	-	47.43	PEAK	74	Pass
	Off	2390.0	-56.4	2	4.63	45.49	AV	54	Pass
	Off	2483.5	-50.2	2	-	47.06	PEAK	74	Pass
	Off	2483.5	-55.82	2	4.63	46.07	AV	54	Pass
	Off	2487.424	-45.68	2	-	51.58	PEAK	74	Pass
	Off	2483.512	-55.82	2	4.63	46.07	AV	54	Pass
	Off	2500.0	-50.4	2	-	46.86	PEAK	74	Pass
	Off	2500.0	-56.55	2	4.63	45.34	AV	54	Pass
8DPSK	Off	2310.0	-51	2	-	46.26	PEAK	74	Pass
	Off	2310.0	-57.03	2	4.63	44.86	AV	54	Pass
	Off	2360.976	-46.45	2	-	50.81	PEAK	74	Pass
	Off	2338.128	-54.2	2	4.63	47.69	AV	54	Pass

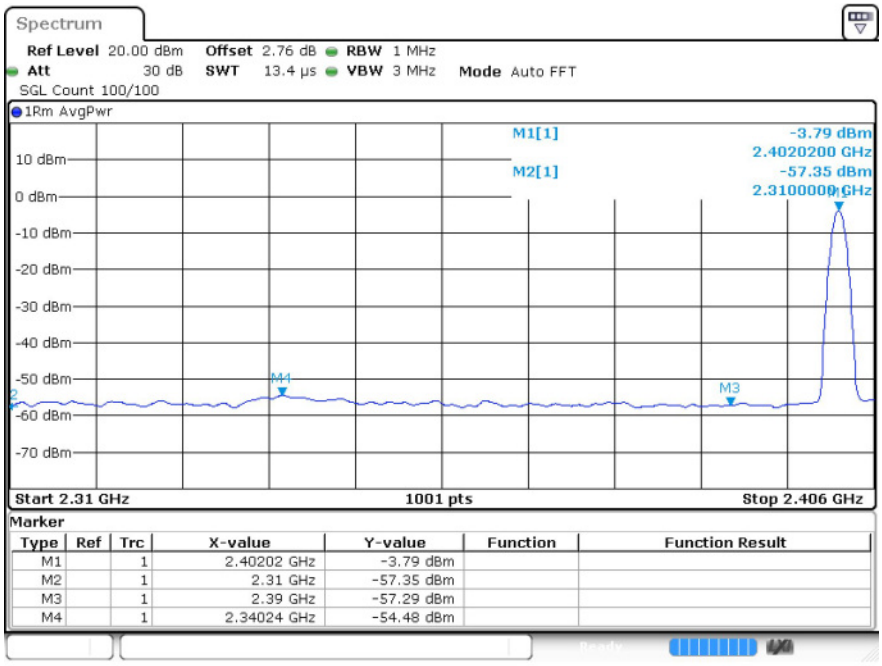
	Off	2390.0	-49.47	2	-	47.79	PEAK	74	Pass
	Off	2390.0	-57.17	2	4.63	44.72	AV	54	Pass
	Off	2483.5	-48.41	2	-	48.85	PEAK	74	Pass
	Off	2483.5	-55.24	2	4.67	46.69	AV	54	Pass
	Off	2495.872	-47.5	2	-	49.76	PEAK	74	Pass
	Off	2483.512	-55.24	2	4.67	46.69	AV	54	Pass
	Off	2500.0	-50.27	2	-	46.99	PEAK	74	Pass
	Off	2500.0	-56.26	2	4.67	45.67	AV	54	Pass

9.2 Test Graphs

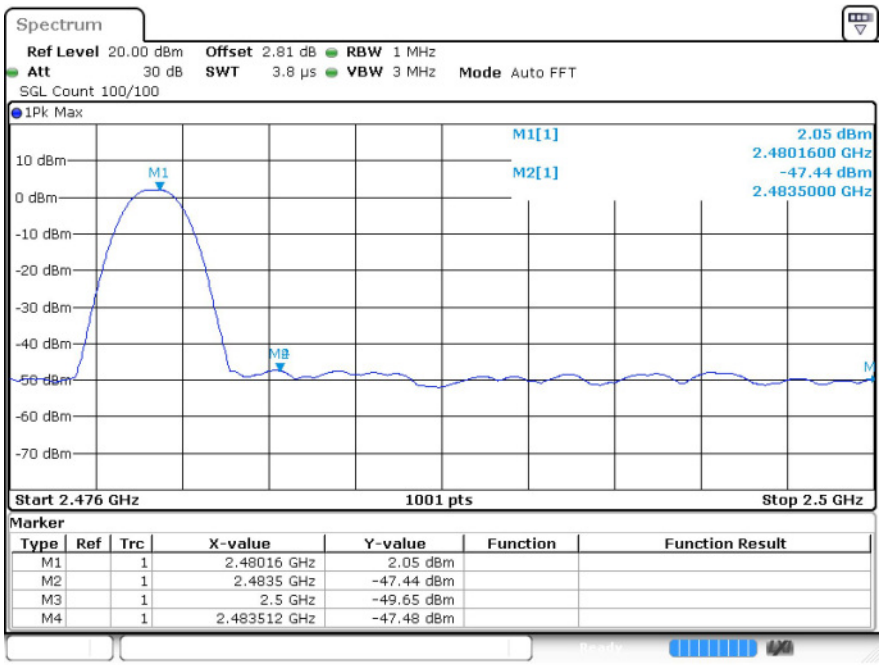
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



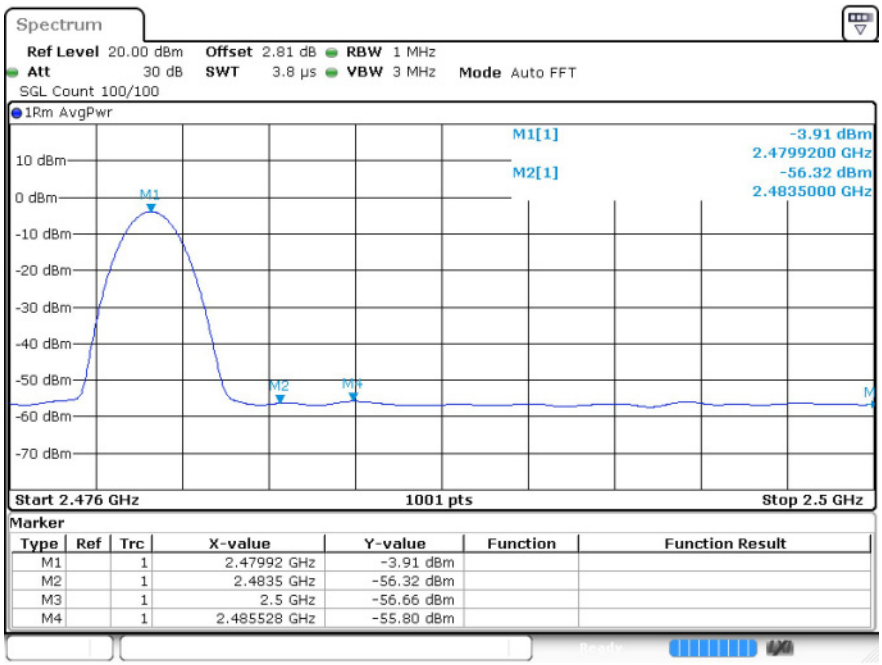
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



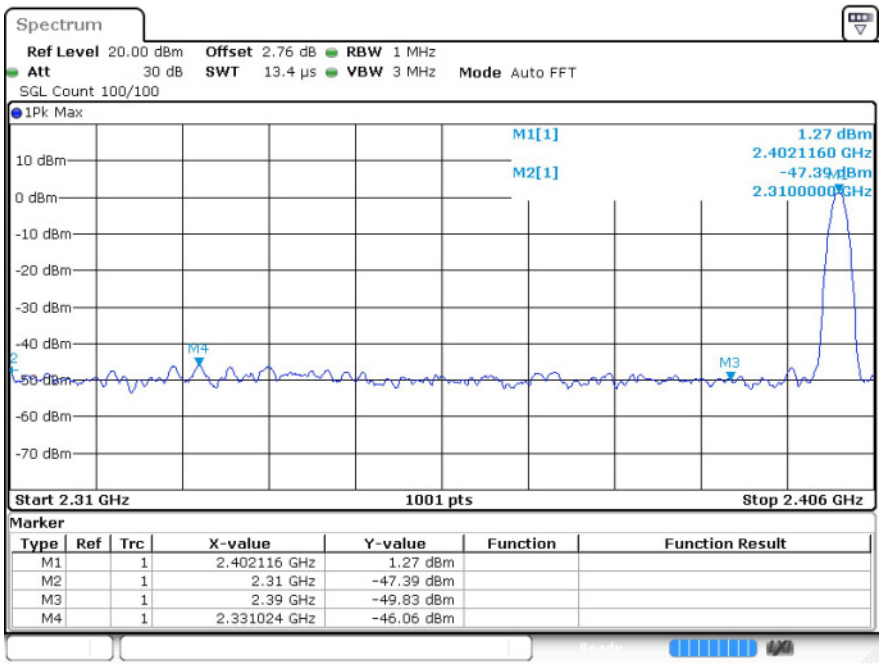
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



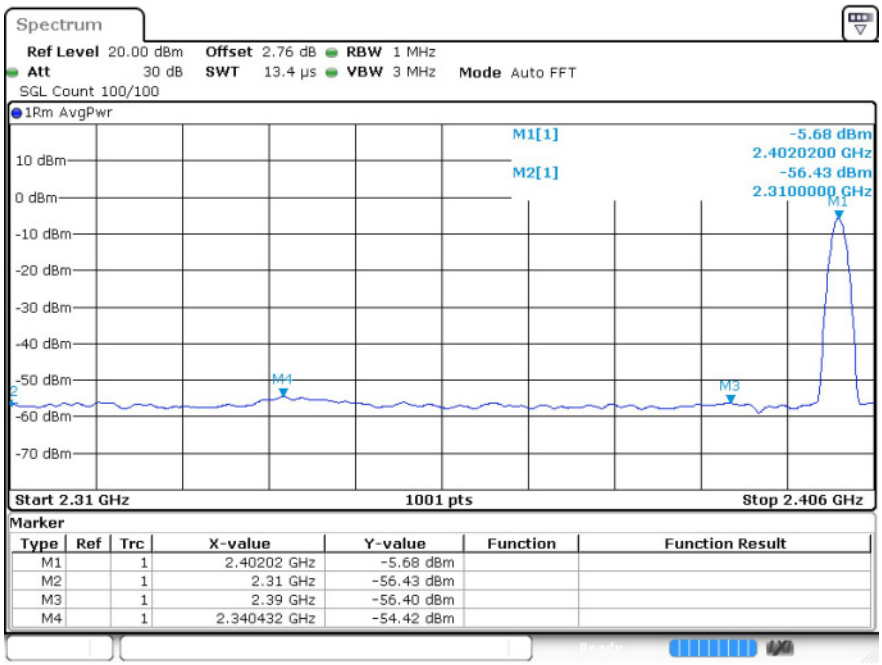
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



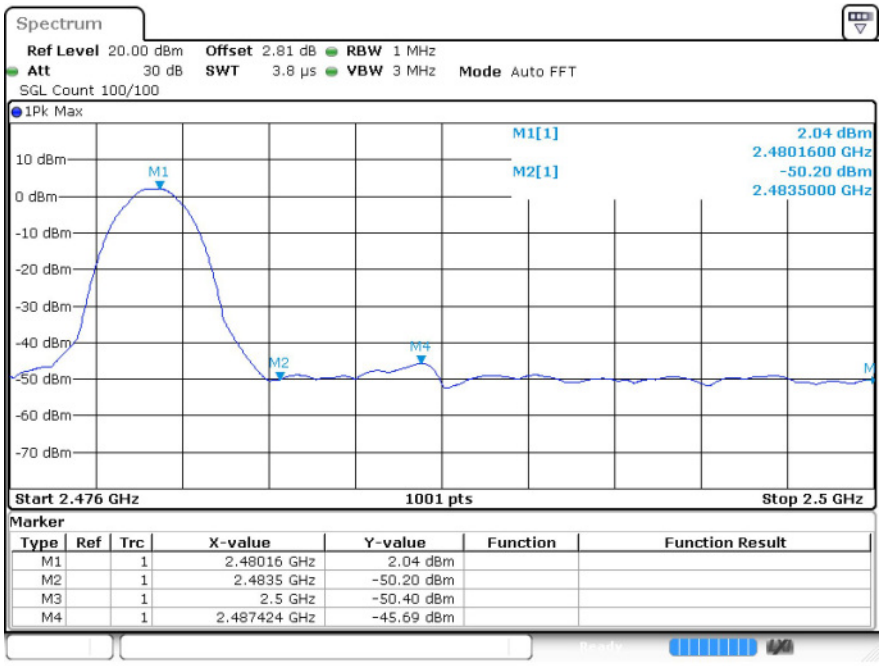
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



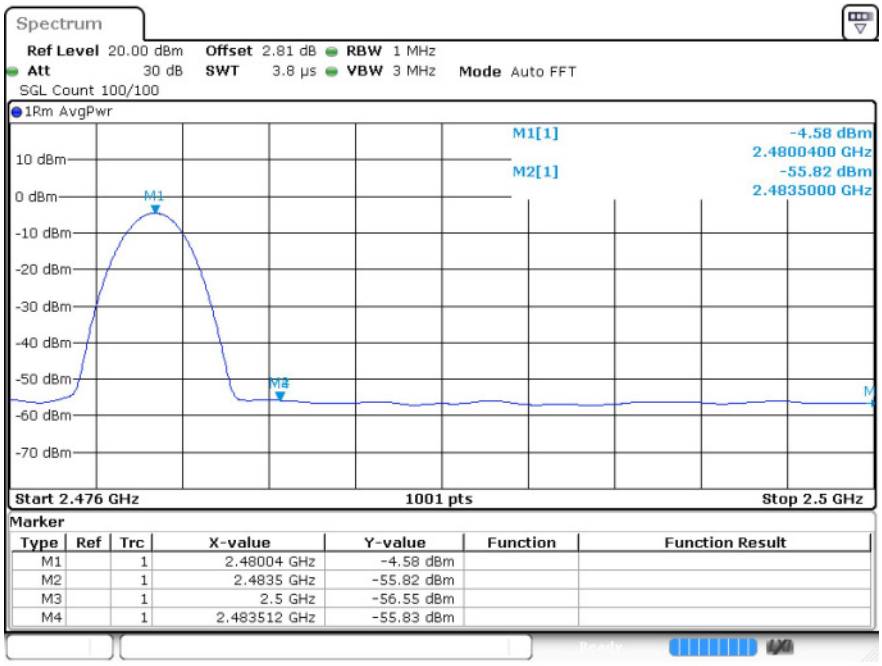
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



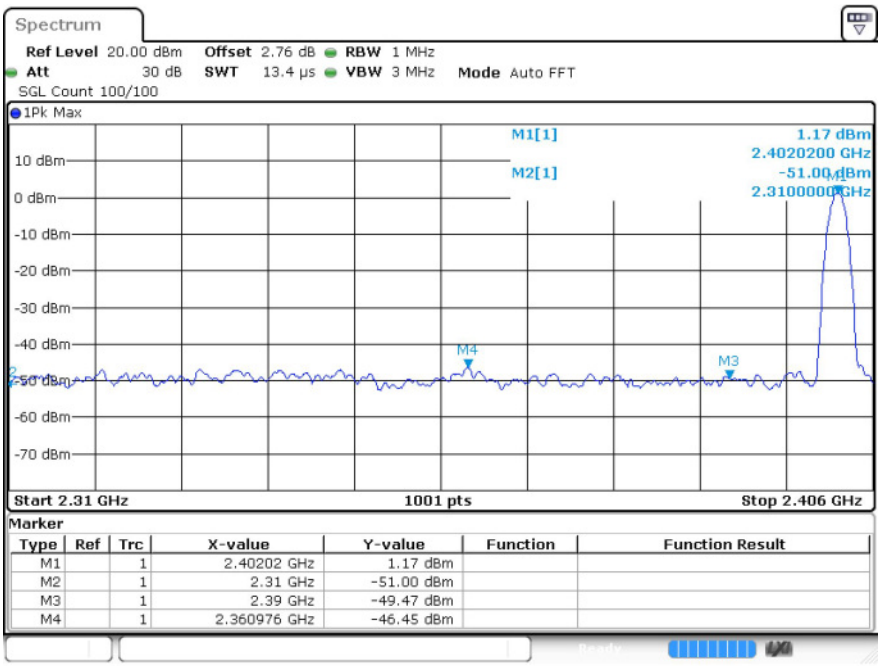
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



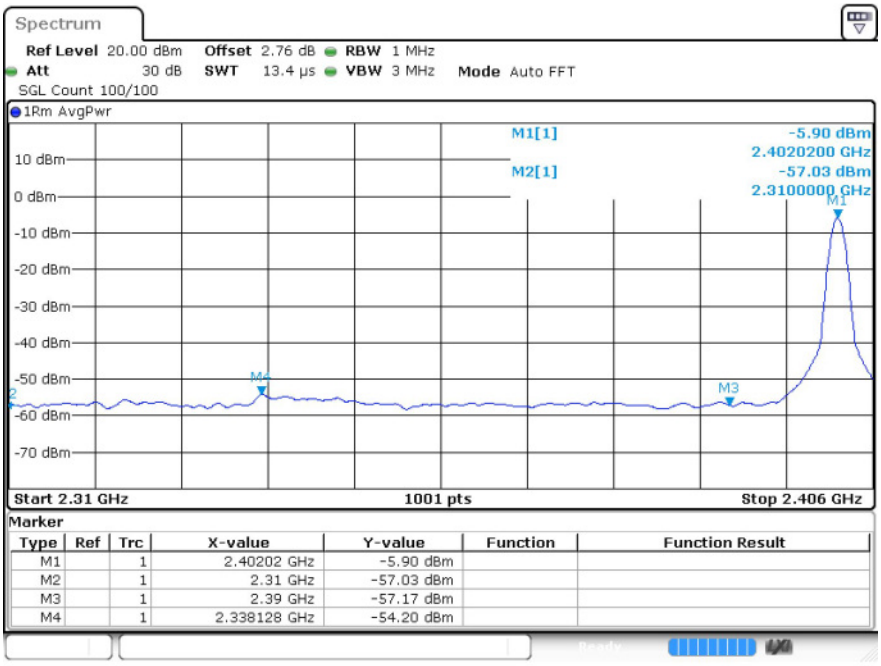
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



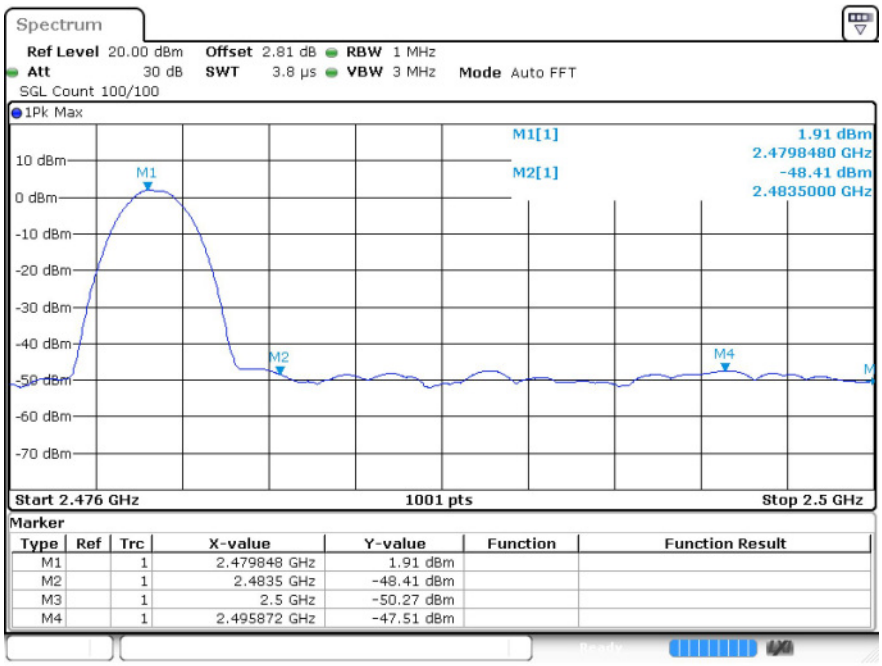
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



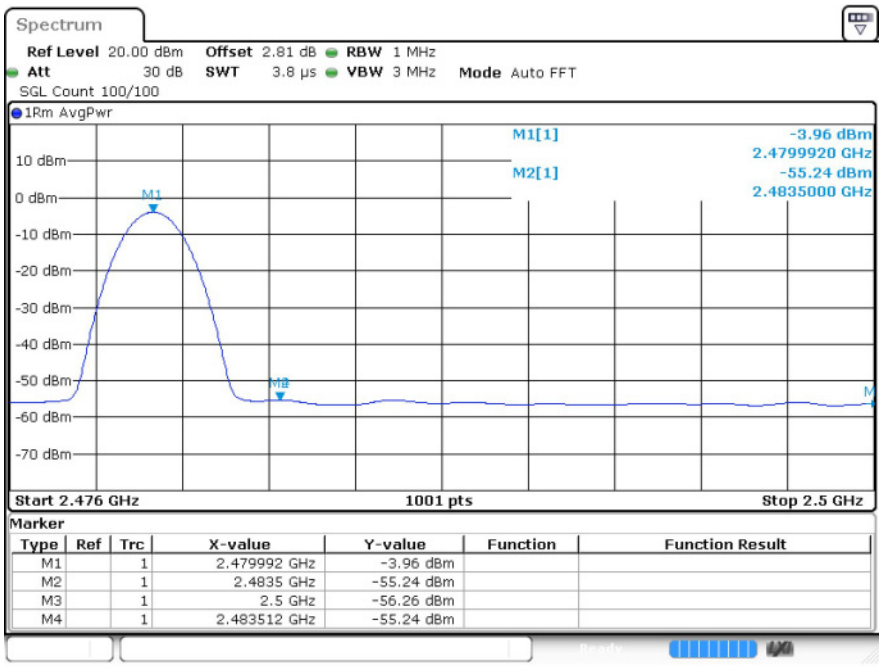
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---