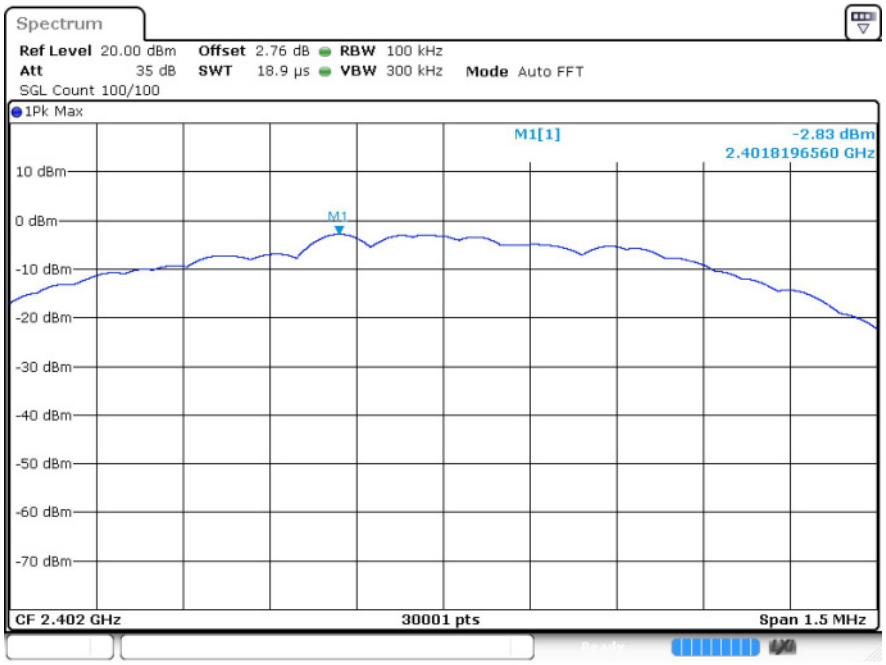
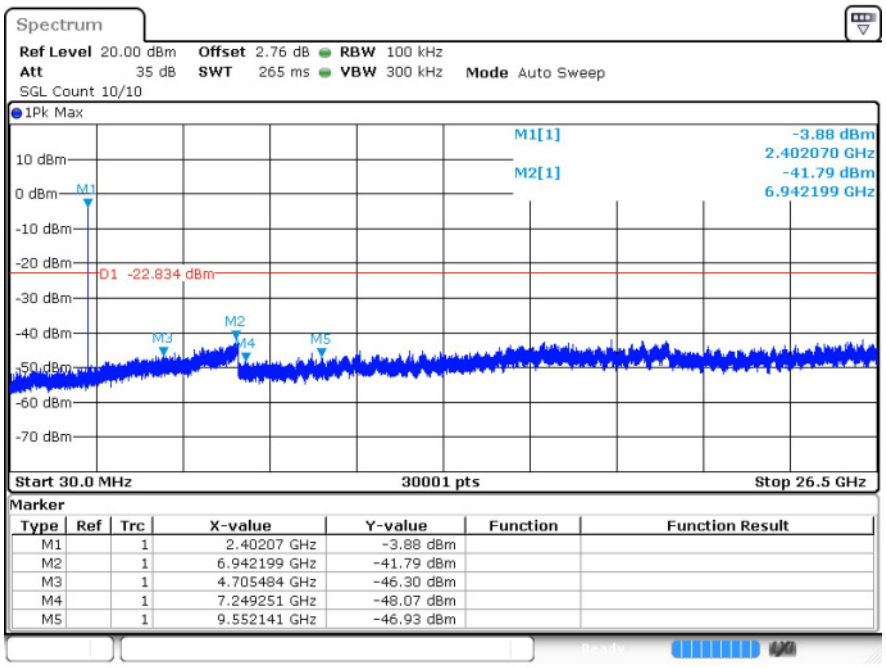
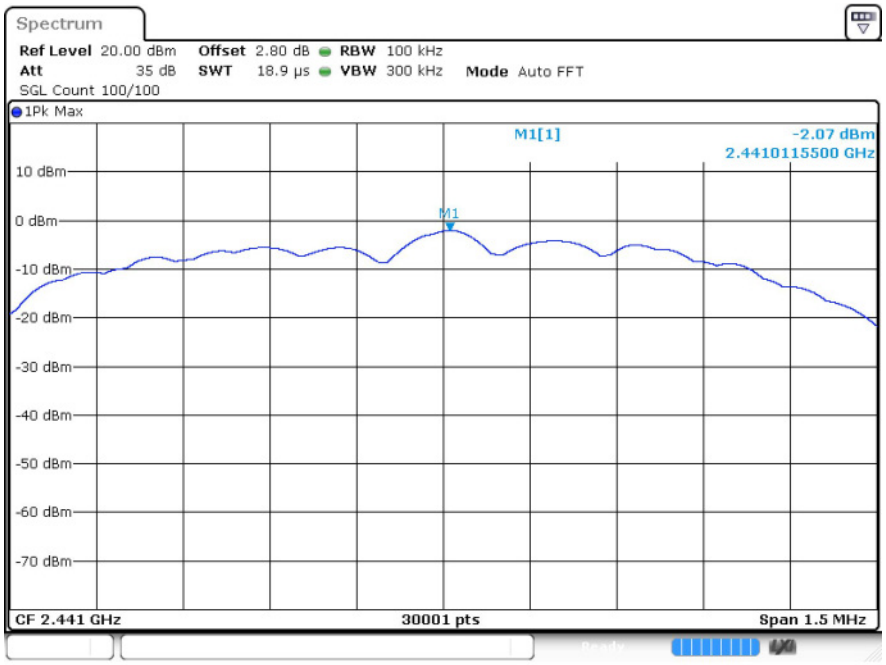
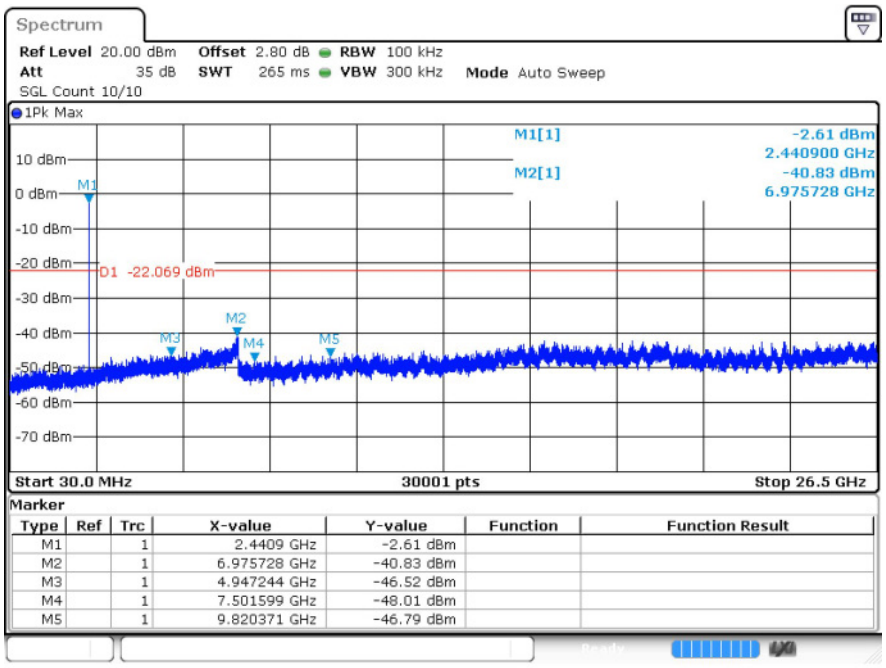
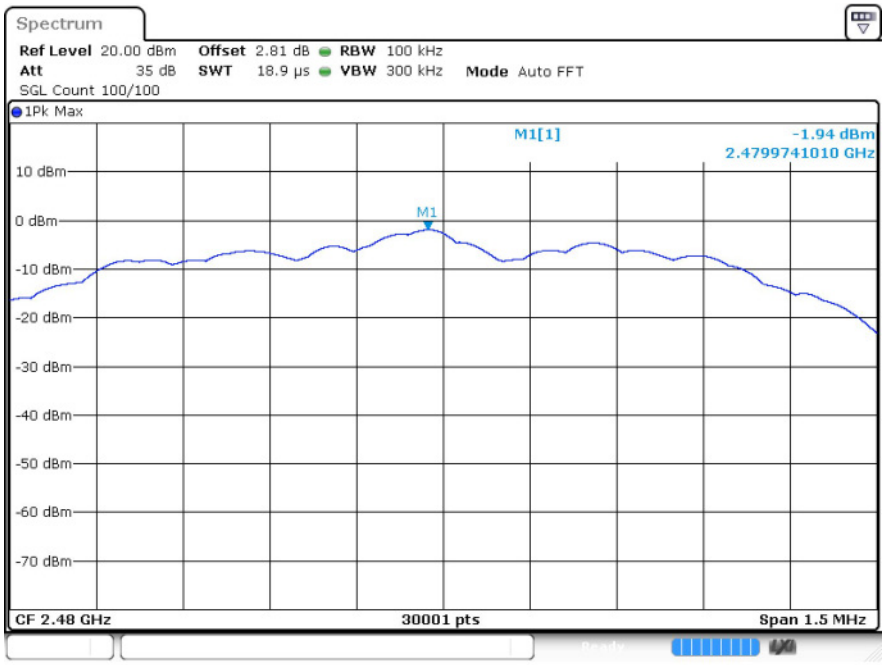
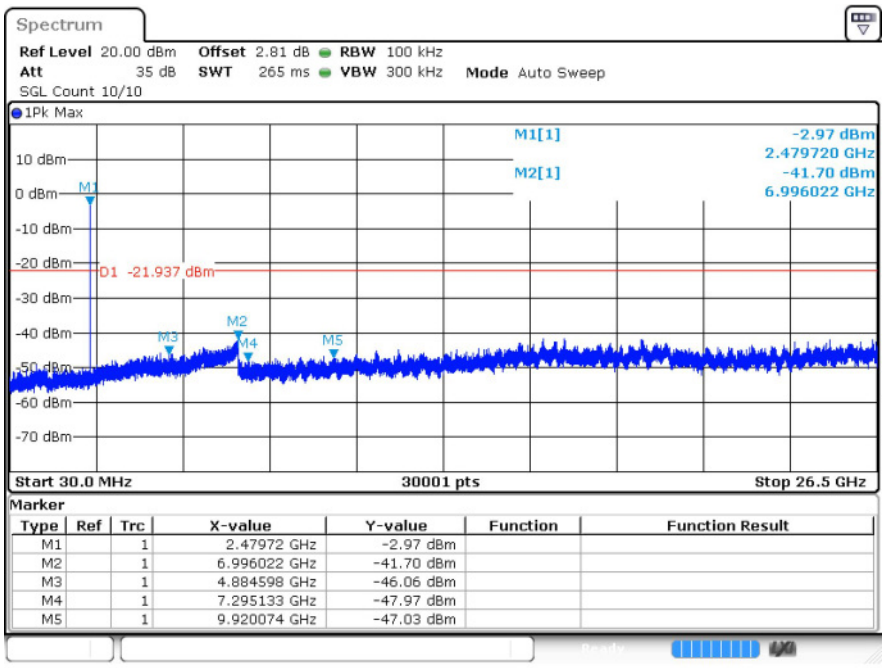
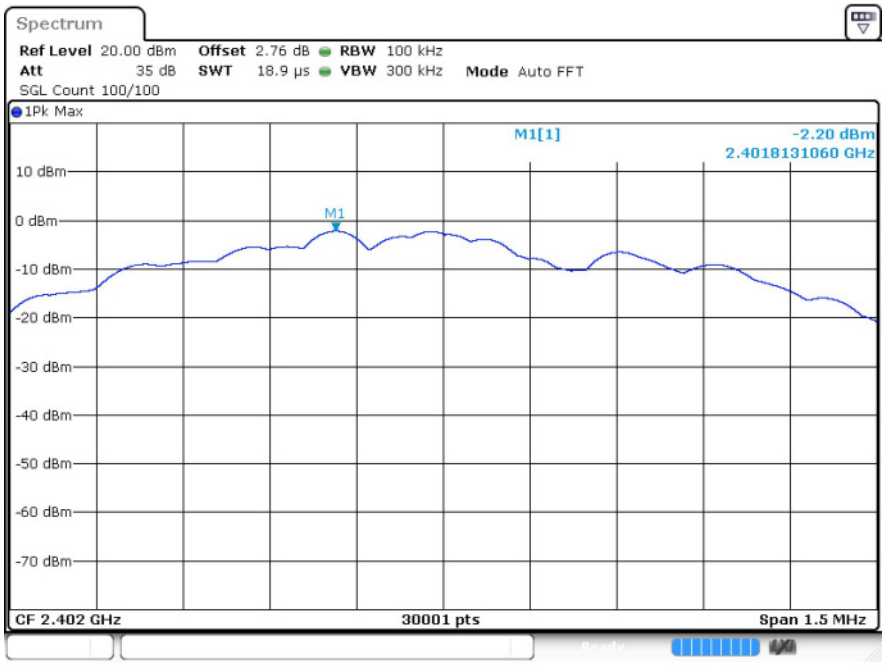
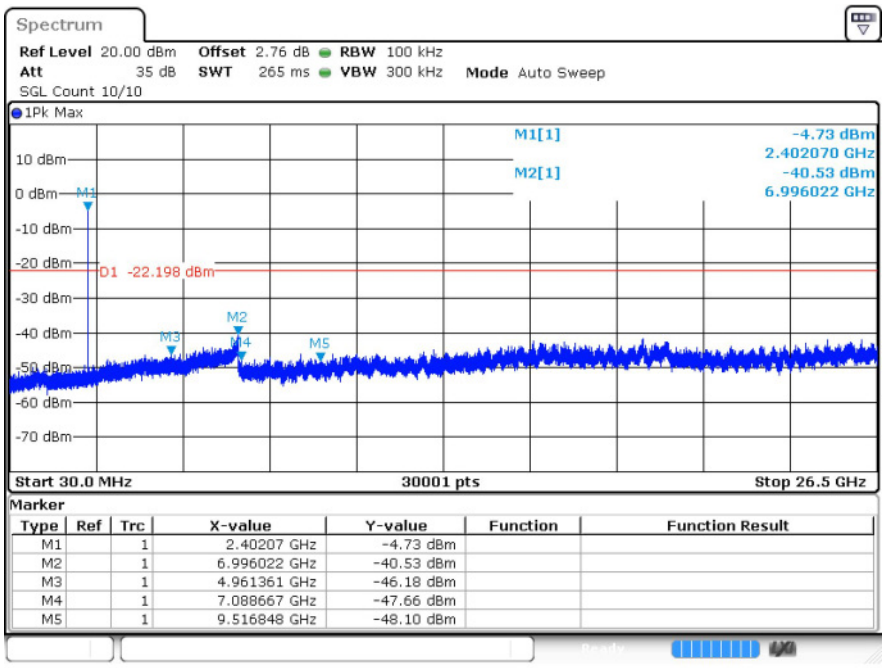
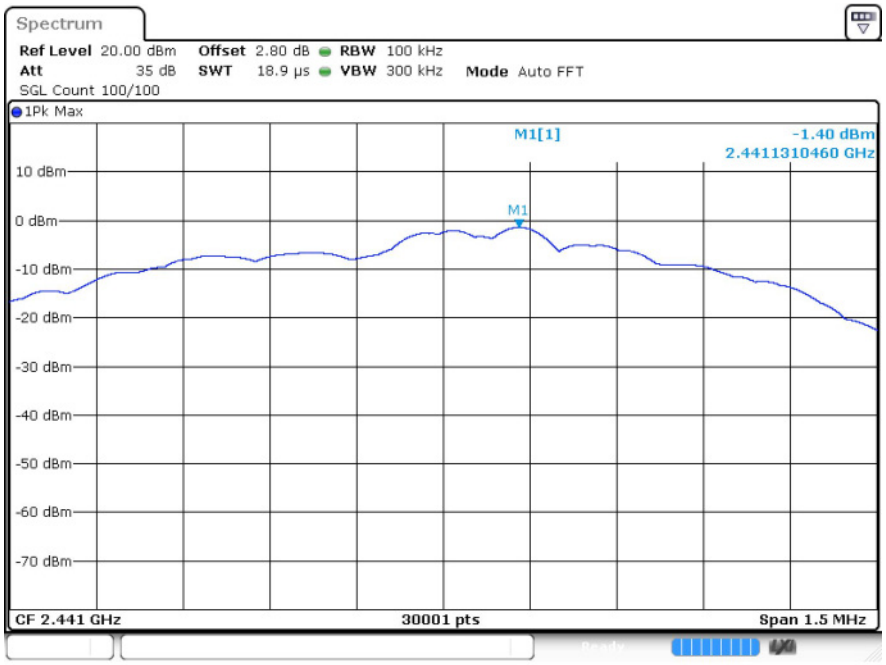
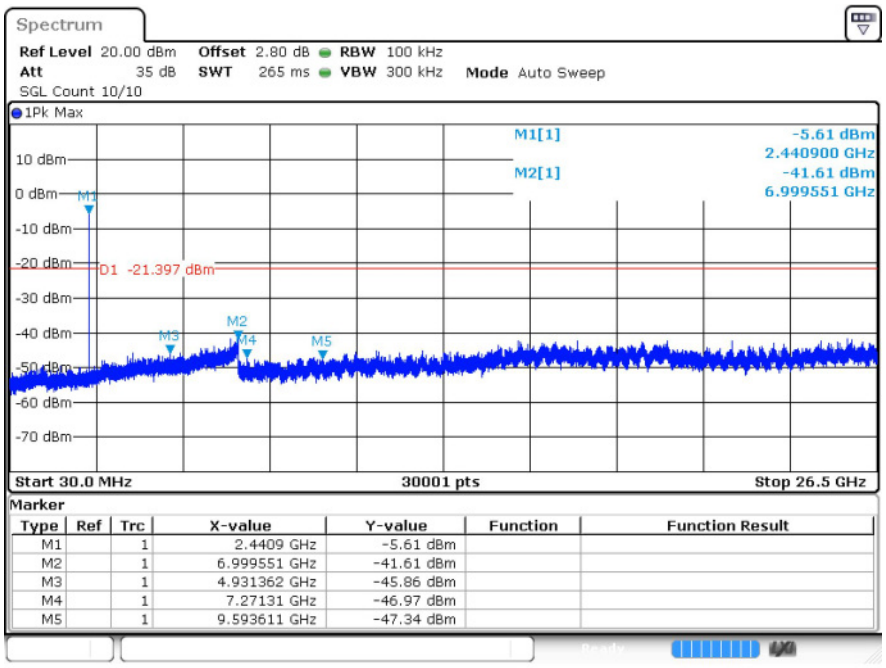
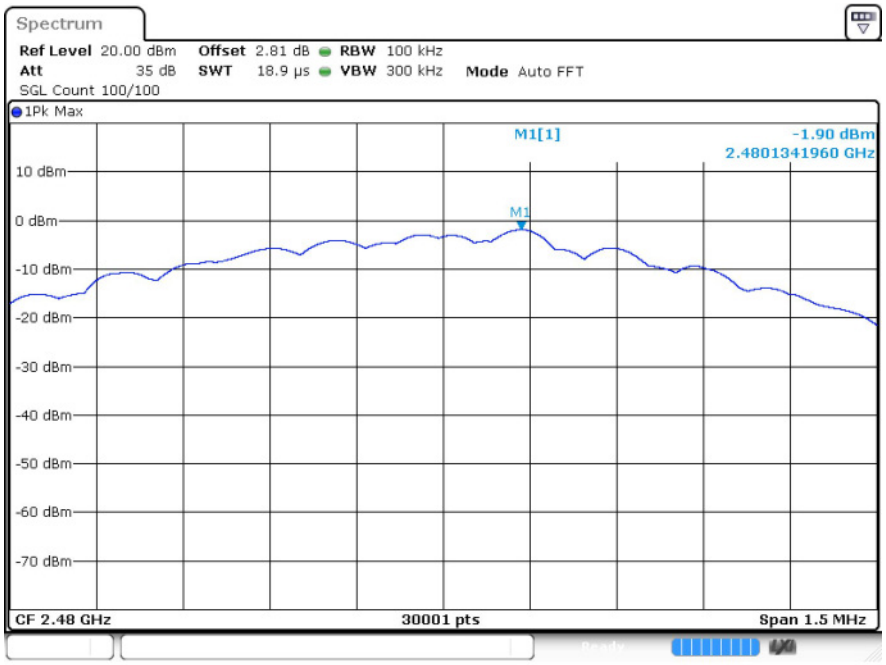
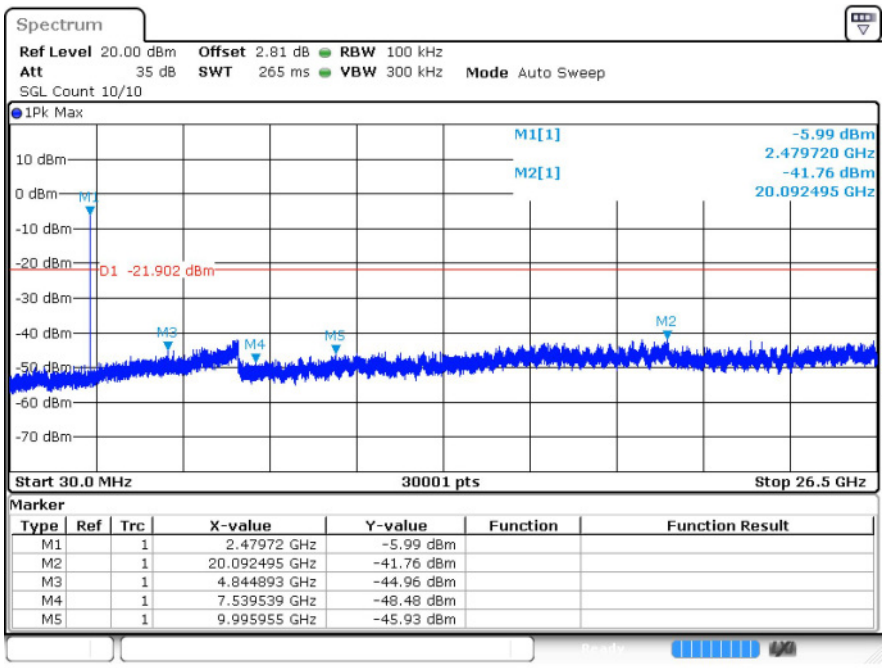
π/4DQPSK_LCH_Graphs	
Pref	
Puw	

π/4DQPSK_MCH_Graphs	
Pref	
Puw	 Marker Type | Ref | Trc | X-value | Y-value | Function | Function Result M1 | 1 | 2.4409 GHz | -2.61 dBm M2 | 1 | 6.975728 GHz | -40.83 dBm M3 | 1 | 4.947244 GHz | -46.52 dBm M4 | 1 | 7.501599 GHz | -48.01 dBm M5 | 1 | 9.820371 GHz | -46.79 dBm

π/4DQPSK_HCH_Graphs	
Pref	
Puw	

8DPSK_LCH_Graphs	
Pref	
Puw	

8DPSK_MCH_Graphs	
Pref	
Puw	

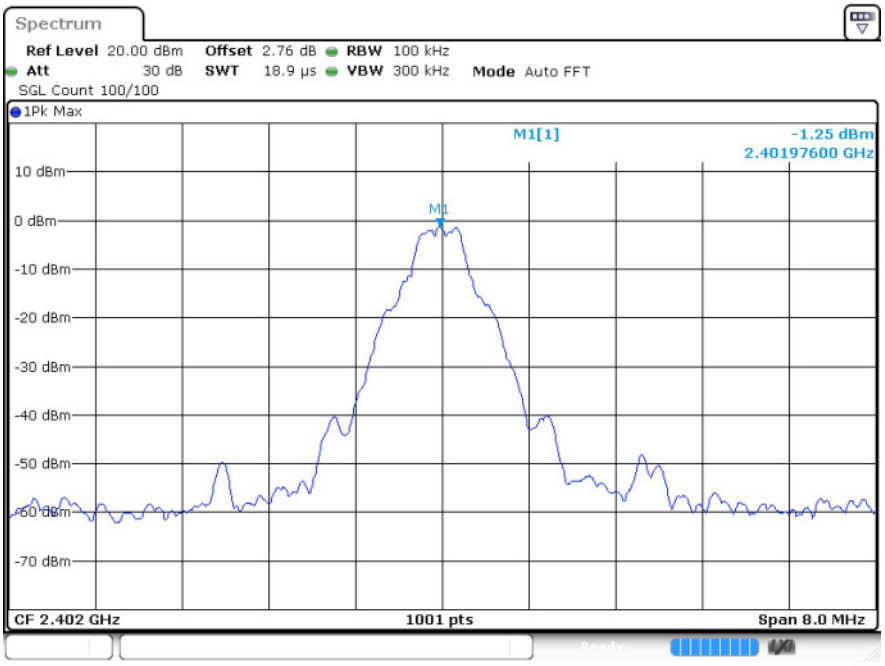
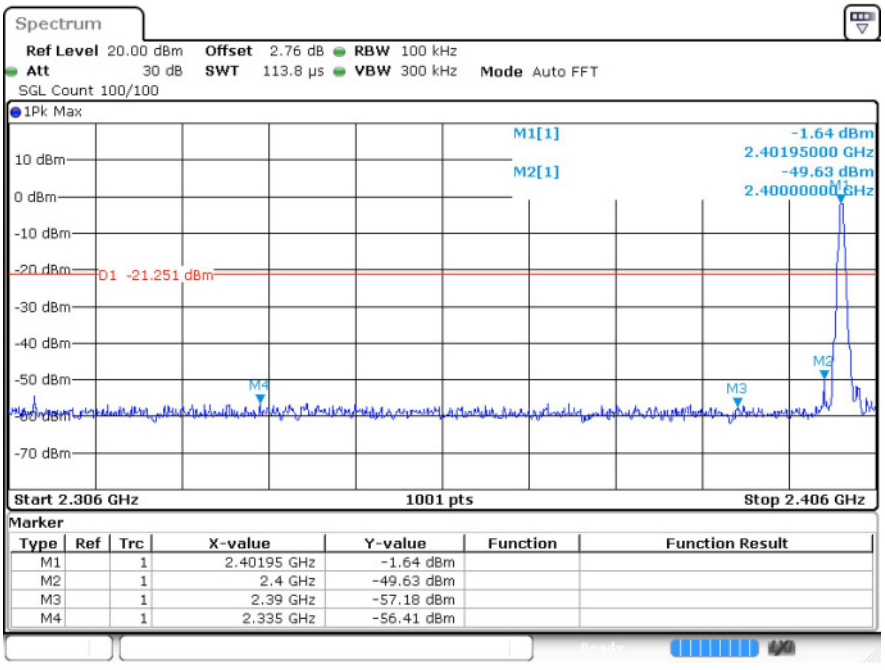
8DPSK_HCH_Graphs	
Pref	
Puw	

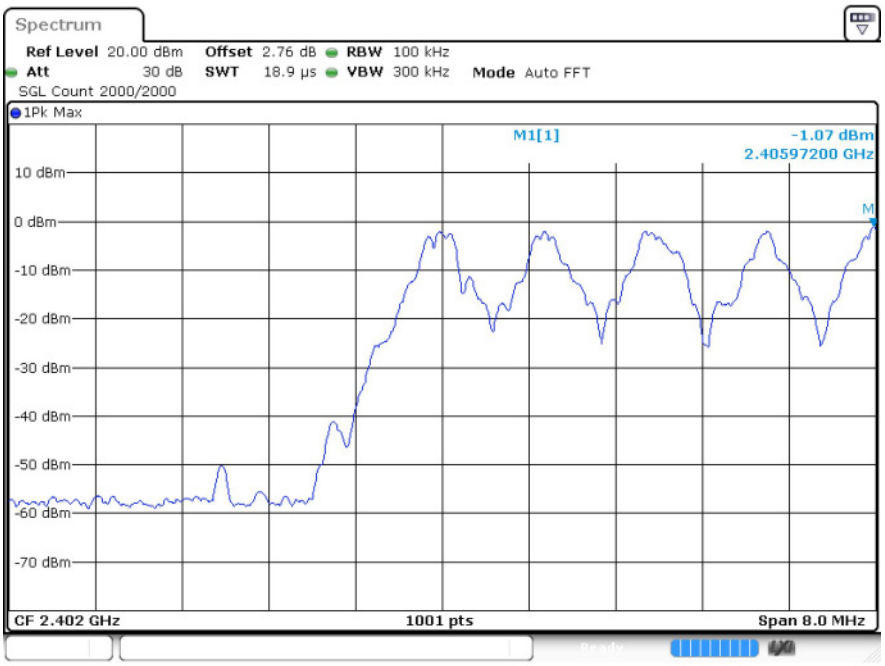
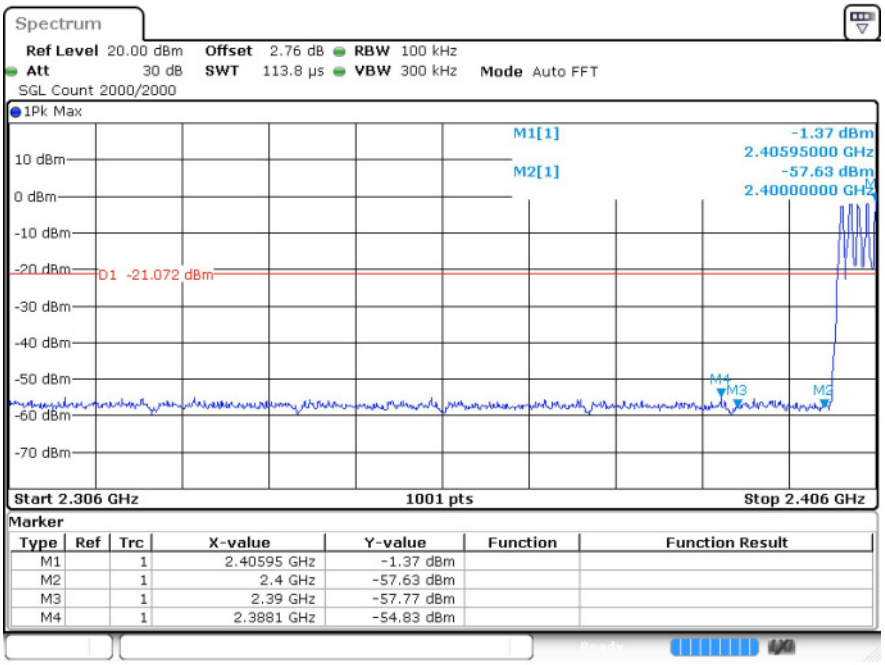
8 Band-edge for RF Conducted Emissions

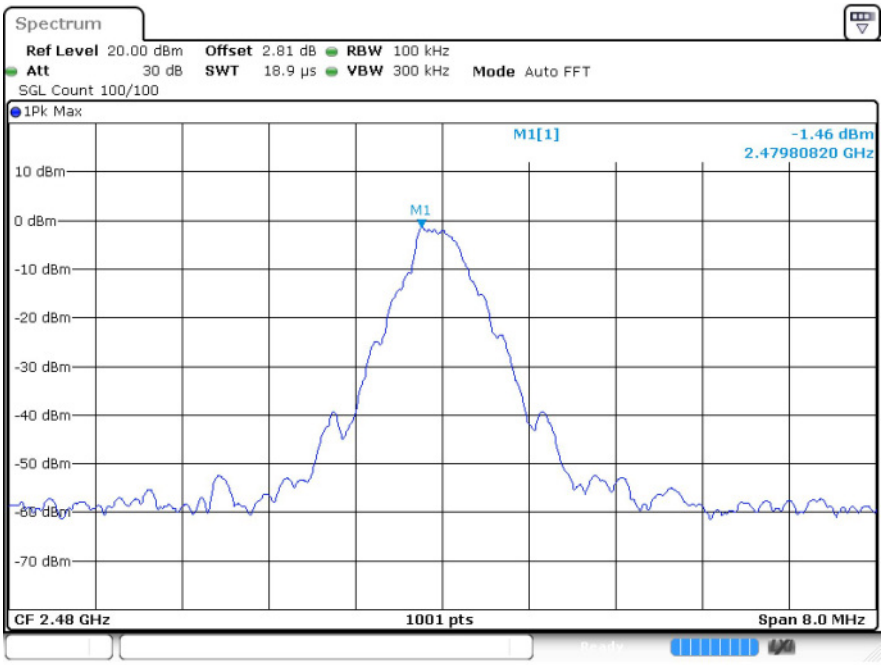
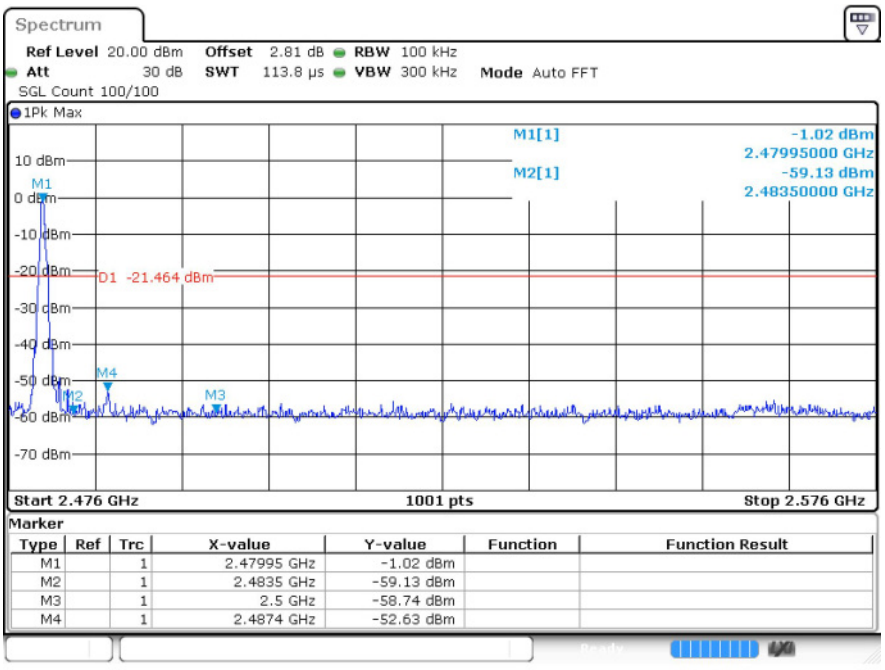
8.1 Test Result

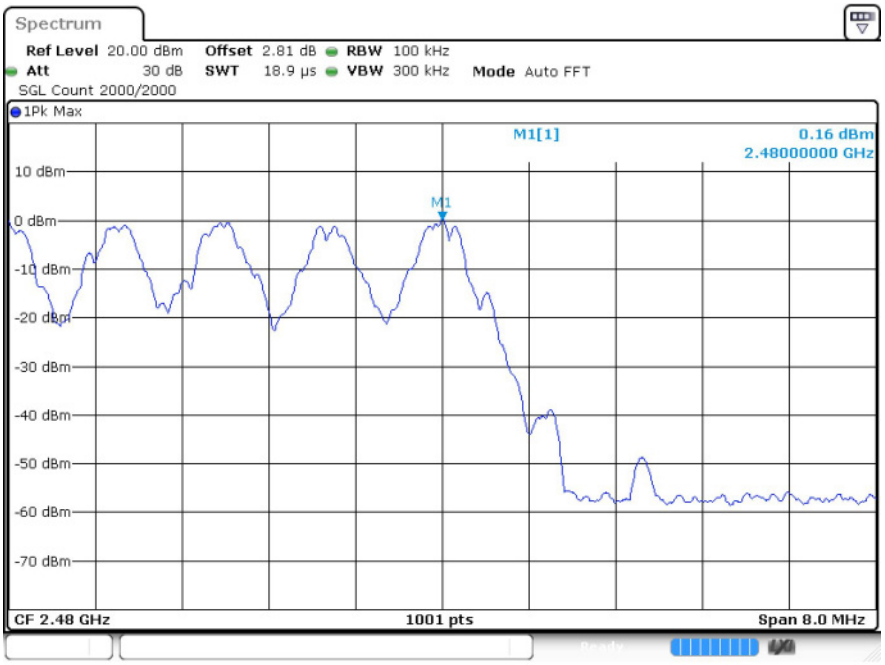
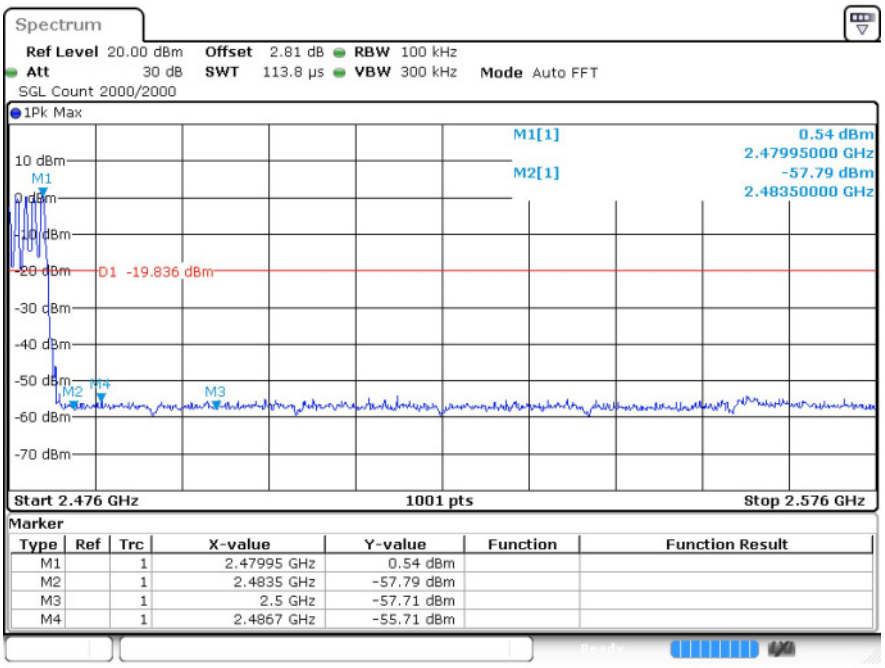
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-55.16	-20	Pass
			On	-53.75	-20	Pass
	HCH	2480	Off	-51.17	-20	Pass
			On	-55.86	-20	Pass
π/4DQPSK	LCH	2402	Off	-52.19	-20	Pass
			On	-52.88	-20	Pass
	HCH	2480	Off	-44.11	-20	Pass
			On	-54.3	-20	Pass
8DPSK	LCH	2402	Off	-53.25	-20	Pass
			On	-52.12	-20	Pass
	HCH	2480	Off	-53.77	-20	Pass
			On	-45.48	-20	Pass

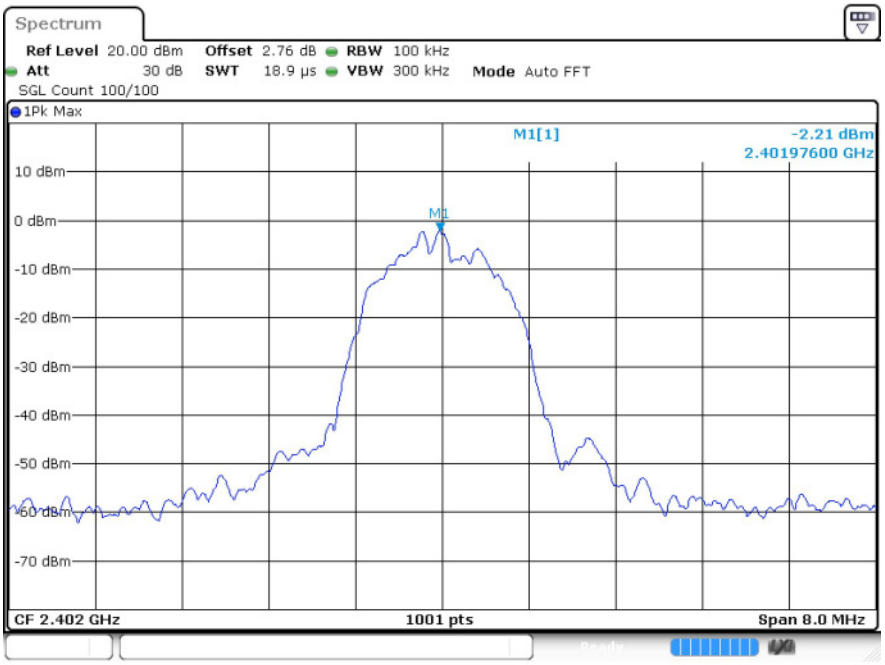
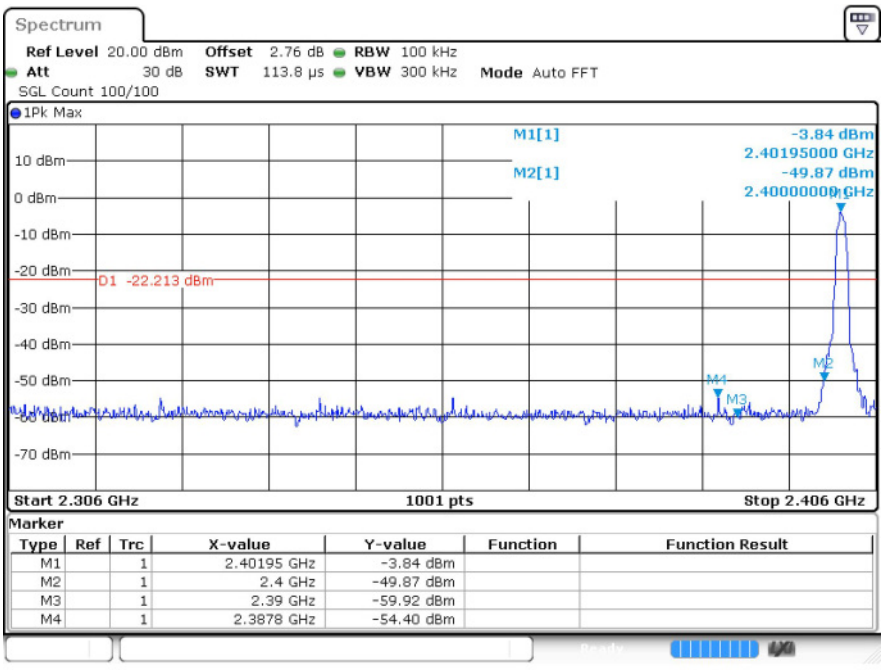
8.2 Test Graphs

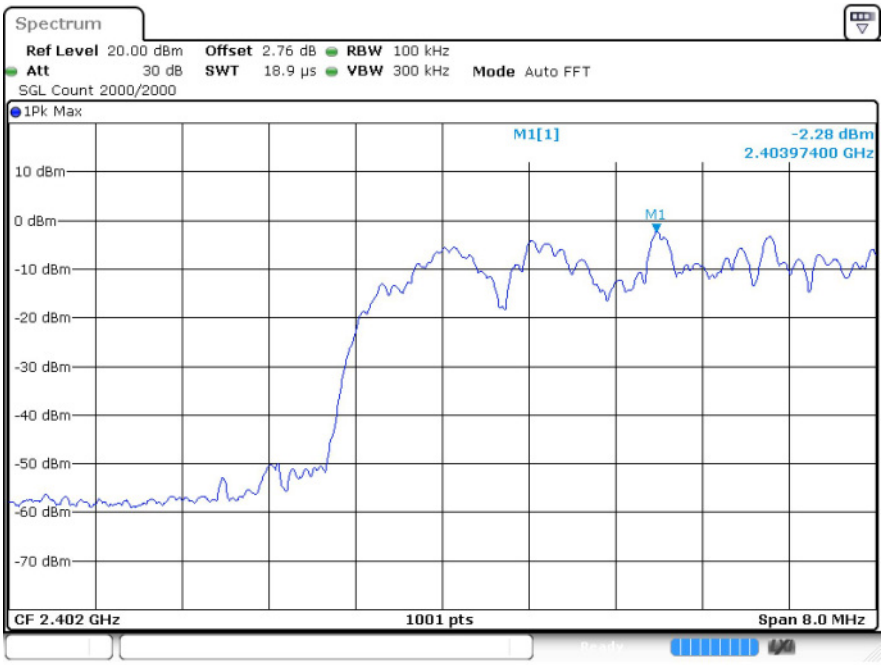
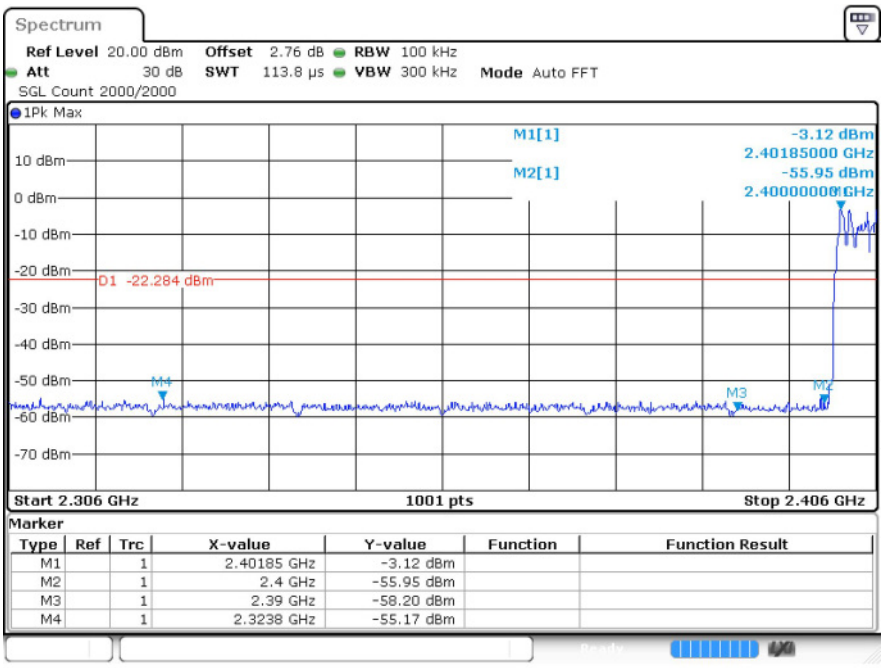
Test Graphs	
Pref	
GFSK/LCH/No Hop	

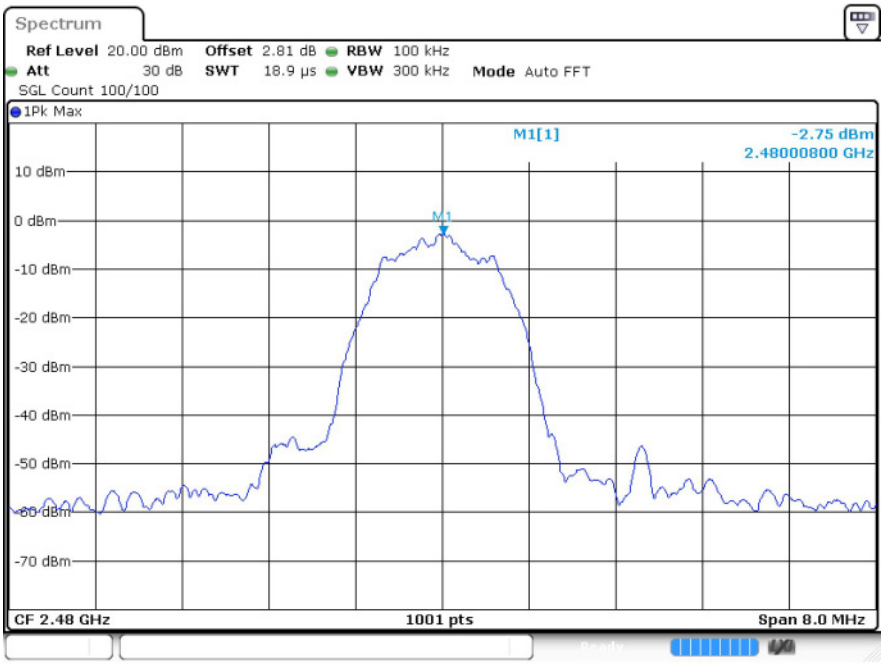
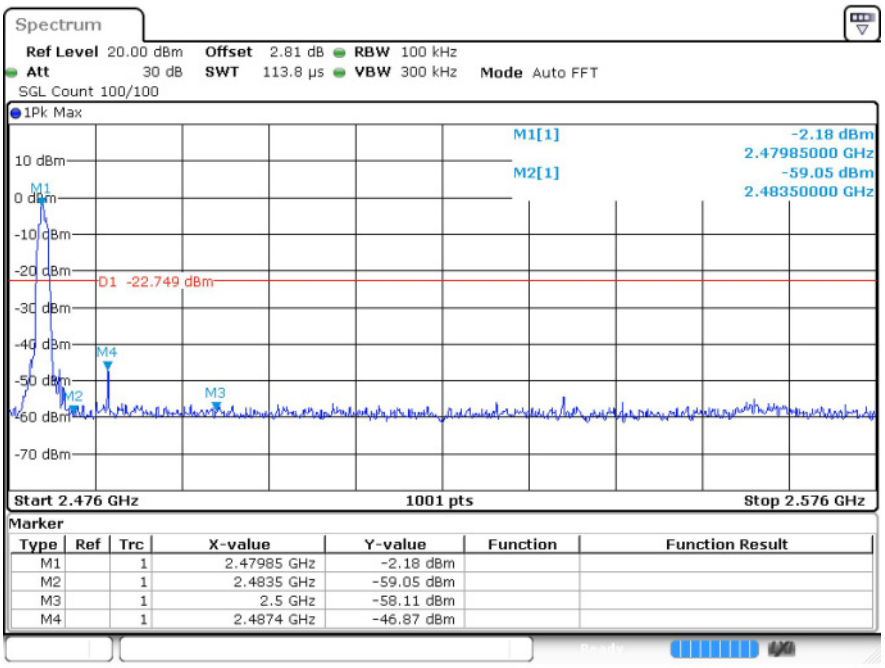
Ref	
GFSK/LCH/Hop	

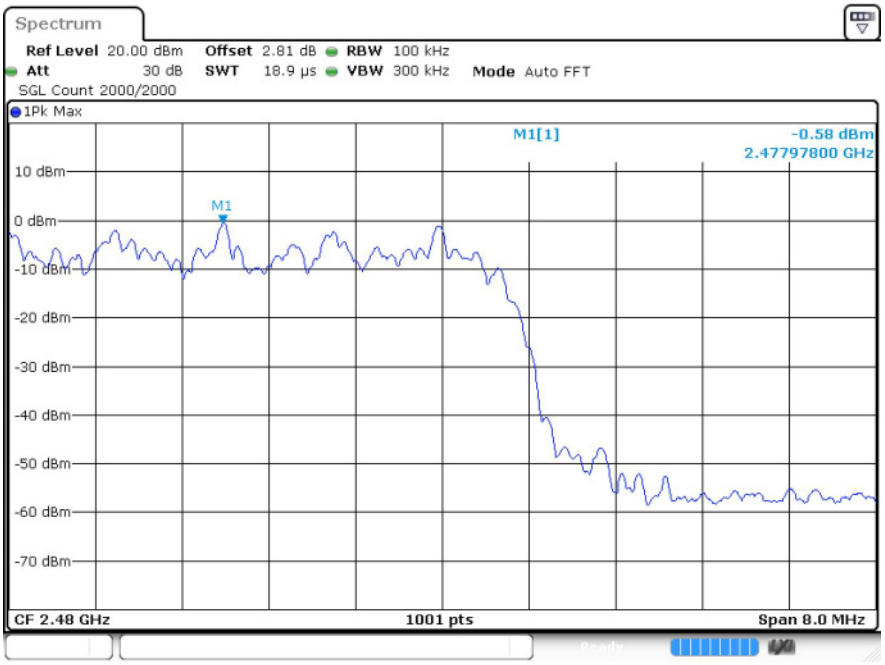
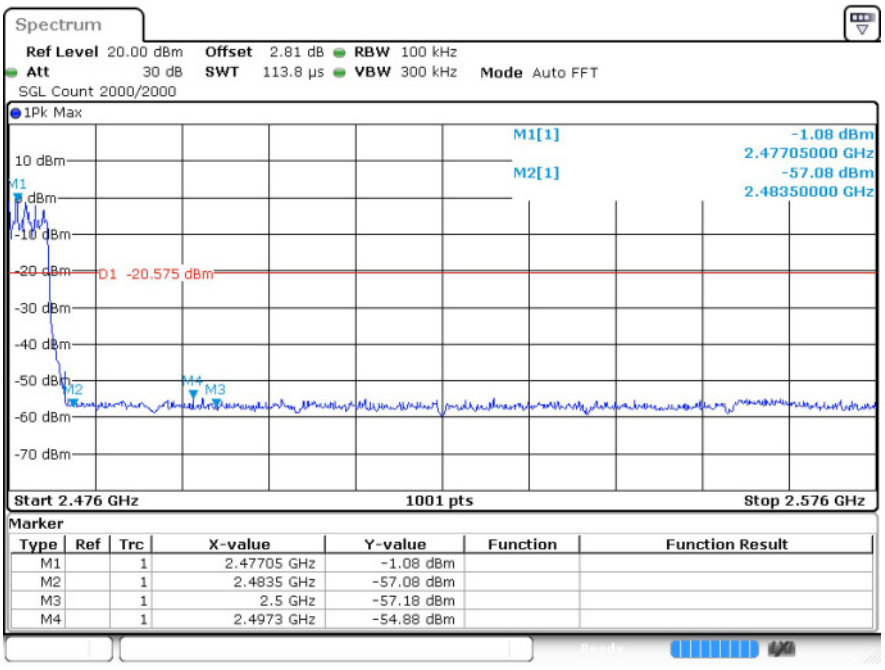
Ref	
GFSK/HCH/No Hop	

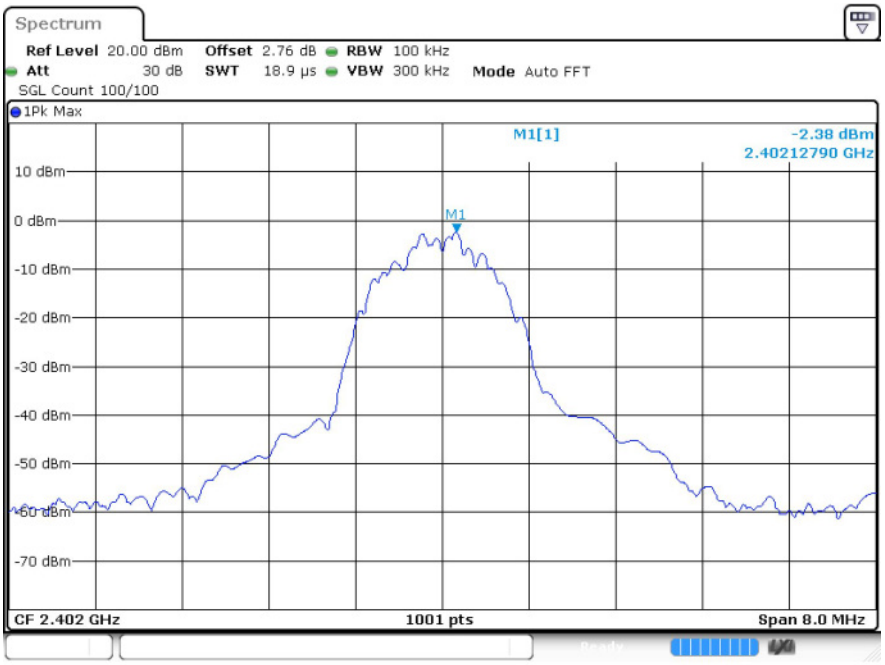
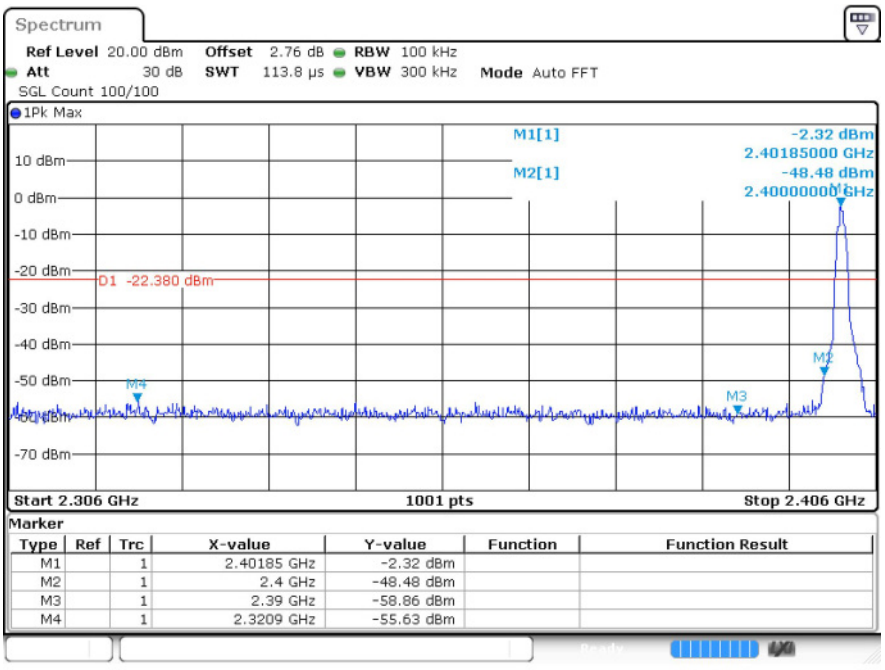
Ref.	
GFSK/HCH/Hop	

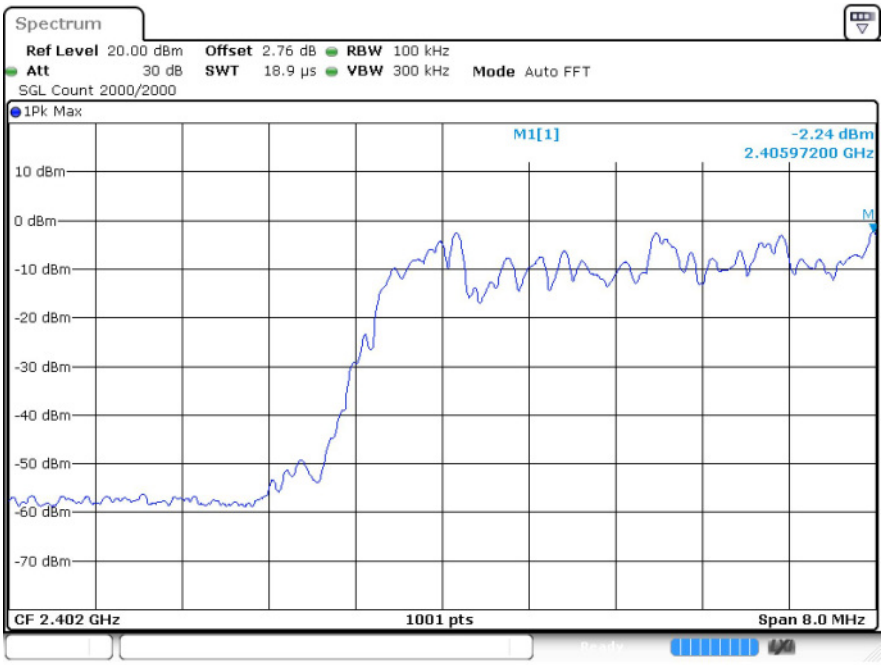
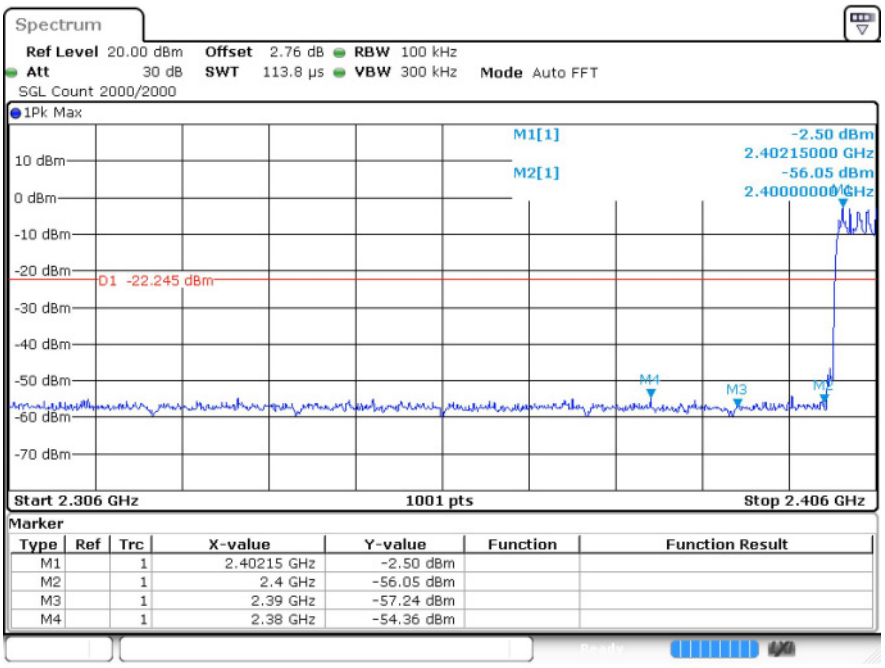
Ref	
π/4DQPSK/LCH/No Hop	

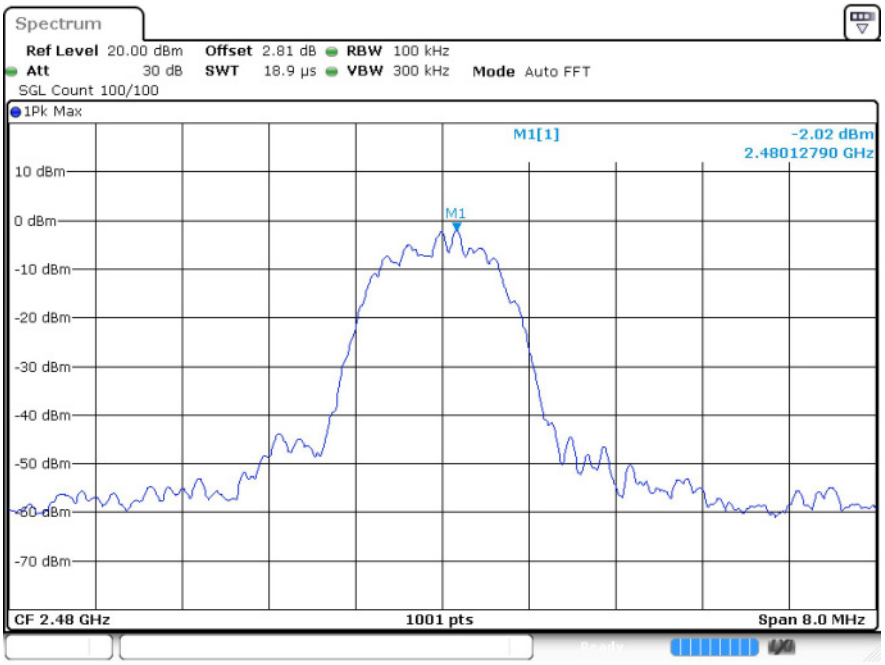
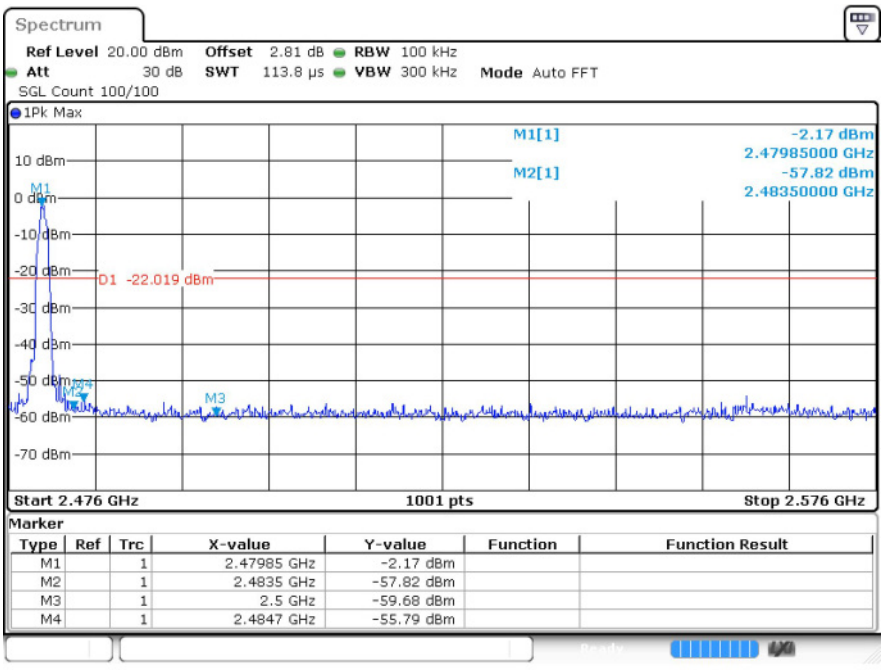
Ref	
π/4DQPSK/LCH/Hop	

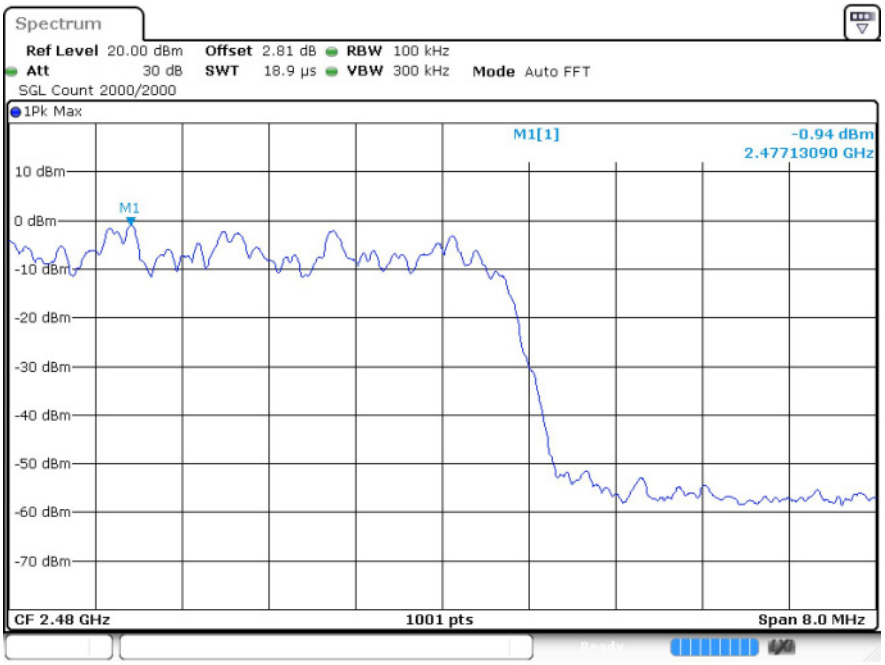
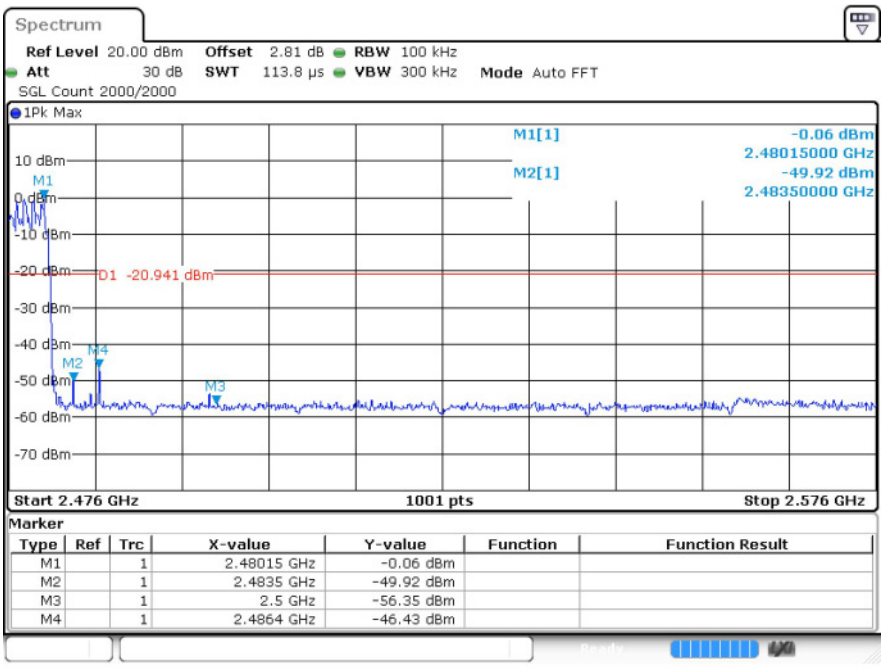
Ref	
π/4DQPSK/HCH/No Hop	

Ref	
π/4DQPSK/HCH/Hop	 Marker Type Ref Trc X-value Y-value Function Function Result M1 1 2.47705 GHz -1.08 dBm M2 1 2.4835 GHz -57.08 dBm M3 1 2.5 GHz -57.18 dBm M4 1 2.4973 GHz -54.88 dBm

Ref	
8DPSK/LCH/No Hop	

Ref	
8DPSK/LCH/Hop	

Ref	
8DPSK/HCH/No Hop	

Ref	
8DPSK/HCH/Hop	 Marker Type Ref Trc X-value Y-value Function Function Result M1 1 2.48015 GHz -0.06 dBm M2 1 2.4835 GHz -49.92 dBm M3 1 2.5 GHz -56.35 dBm M4 1 2.4864 GHz -46.43 dBm

9 Restrict-band band-edge measurements

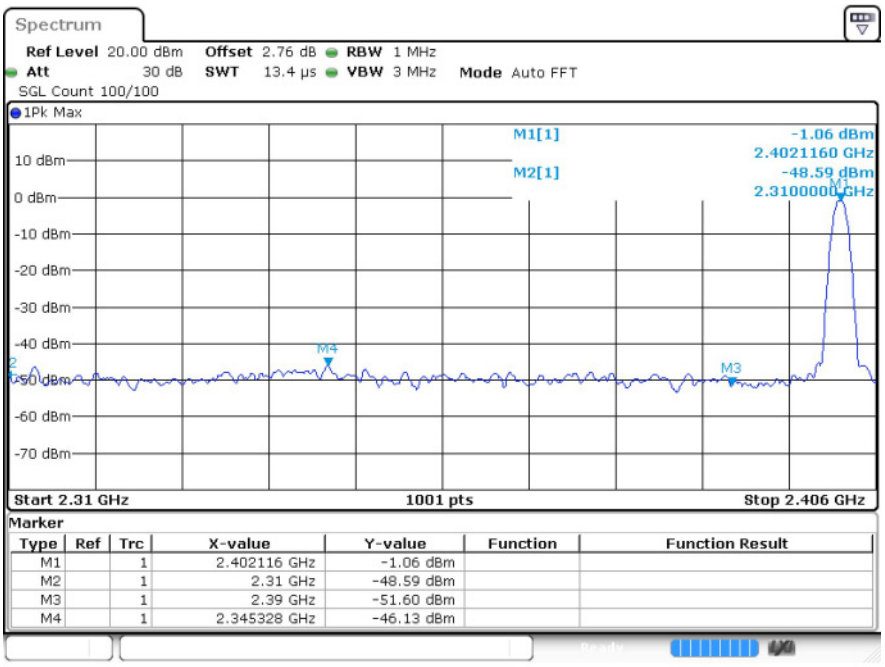
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-48.59	2	-	48.67	PEAK	74	Pass
	Off	2310.0	-56.2	2	5.06	46.12	AV	54	Pass
	Off	2345.328	-46.12	2	-	51.14	PEAK	74	Pass
	Off	2339.76	-54.43	2	5.06	47.89	AV	54	Pass
	Off	2390.0	-51.6	2	-	45.66	PEAK	74	Pass
	Off	2390.0	-57.05	2	5.06	45.27	AV	54	Pass
	Off	2483.5	-47.08	2	-	50.18	PEAK	74	Pass
	Off	2483.5	-55.65	2	5.06	46.67	AV	54	Pass
	Off	2483.872	-46.38	2	-	50.88	PEAK	74	Pass
	Off	2483.512	-55.65	2	5.06	46.67	AV	54	Pass
	Off	2500.0	-49.59	2	-	47.67	PEAK	74	Pass
	Off	2500.0	-56.69	2	5.06	45.63	AV	54	Pass
π/4DQPSK	Off	2310.0	-50.91	2	-	46.35	PEAK	74	Pass
	Off	2310.0	-56.36	2	4.95	45.85	AV	54	Pass
	Off	2339.28	-45.28	2	-	51.98	PEAK	74	Pass
	Off	2339.856	-54.68	2	4.95	47.53	AV	54	Pass
	Off	2390.0	-50.91	2	-	46.35	PEAK	74	Pass
	Off	2390.0	-56.95	2	4.95	45.26	AV	54	Pass
	Off	2483.5	-49.62	2	-	47.64	PEAK	74	Pass
	Off	2483.5	-55.69	2	4.95	46.52	AV	54	Pass
	Off	2487.448	-45.03	2	-	52.23	PEAK	74	Pass
	Off	2487.496	-55.53	2	4.95	46.68	AV	54	Pass
	Off	2500.0	-48.74	2	-	48.52	PEAK	74	Pass
	Off	2500.0	-56.34	2	4.95	45.87	AV	54	Pass
8DPSK	Off	2310.0	-50.04	2	-	47.22	PEAK	74	Pass
	Off	2310.0	-57.66	2	4.95	44.55	AV	54	Pass
	Off	2338.128	-46.41	2	-	50.85	PEAK	74	Pass
	Off	2341.584	-54.78	2	4.95	47.43	AV	54	Pass

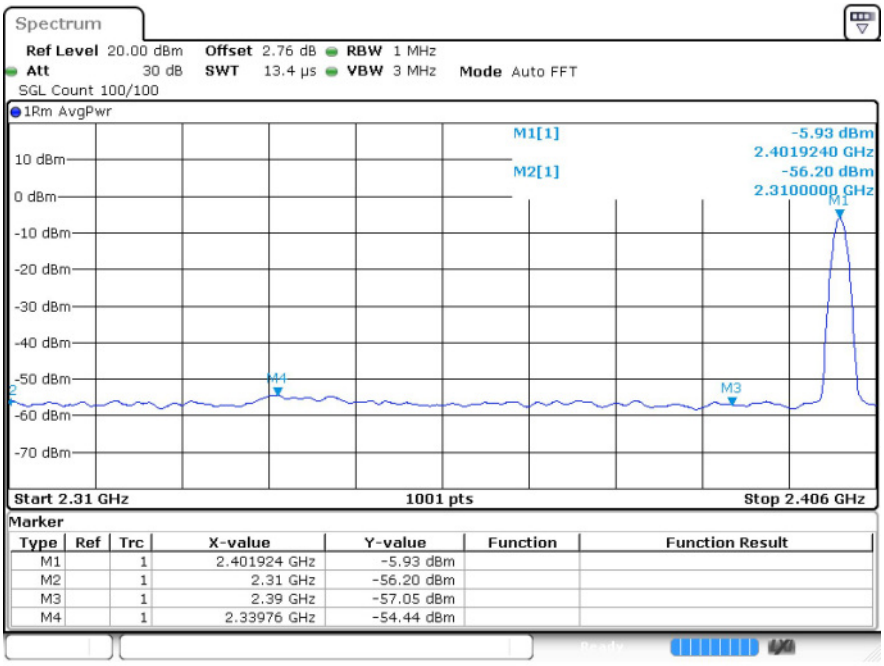
	Off	2390.0	-50.1	2	-	47.16	PEAK	74	Pass
	Off	2390.0	-56.59	2	4.95	45.62	AV	54	Pass
	Off	2483.5	-48.12	2	-	49.14	PEAK	74	Pass
	Off	2483.5	-56.55	2	4.95	45.66	AV	54	Pass
	Off	2483.512	-48.2	2	-	49.06	PEAK	74	Pass
	Off	2486.872	-54.95	2	4.95	47.26	AV	54	Pass
	Off	2500.0	-50.42	2	-	46.84	PEAK	74	Pass
	Off	2500.0	-56.36	2	4.95	45.85	AV	54	Pass

9.2 Test Graphs

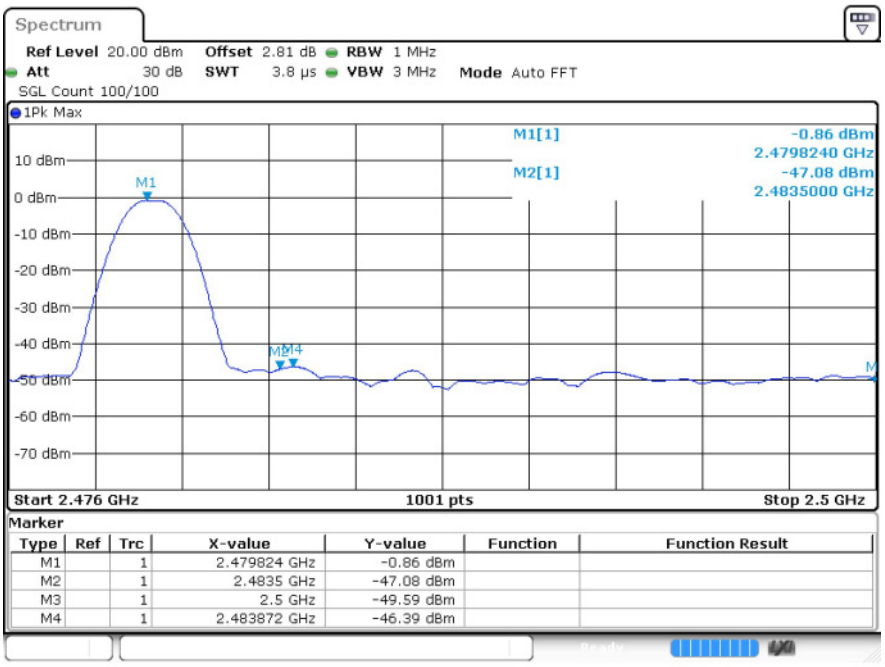
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



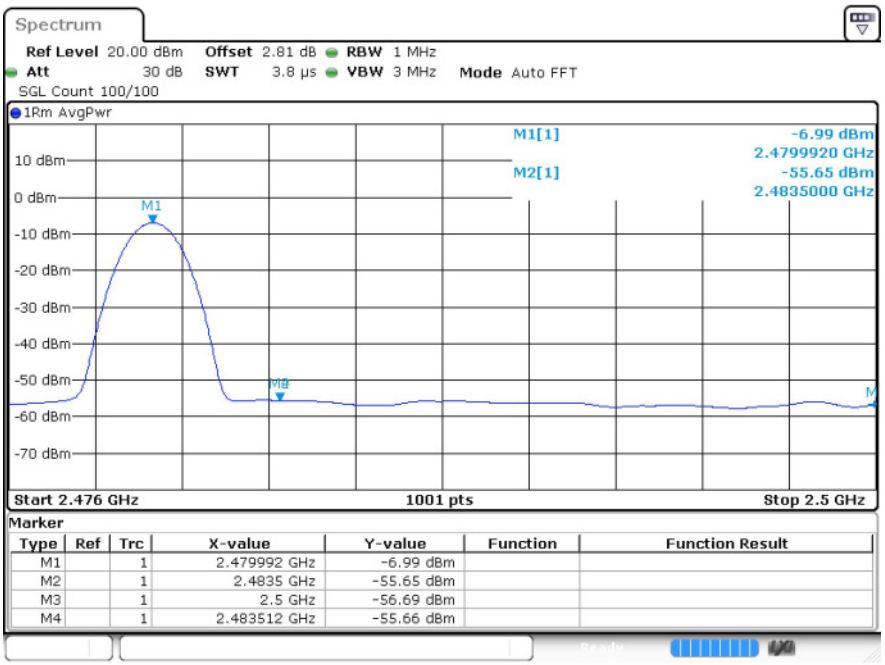
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



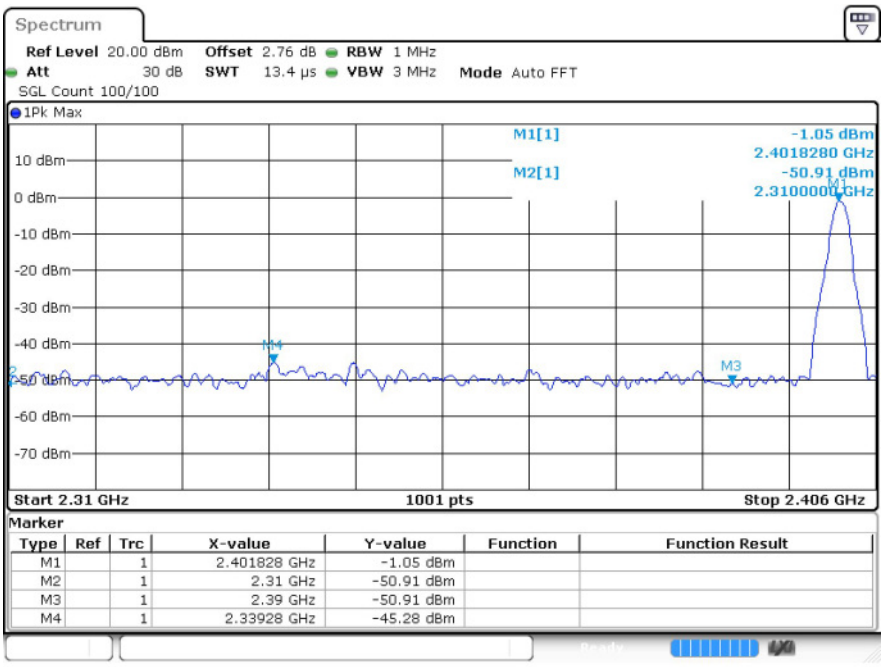
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



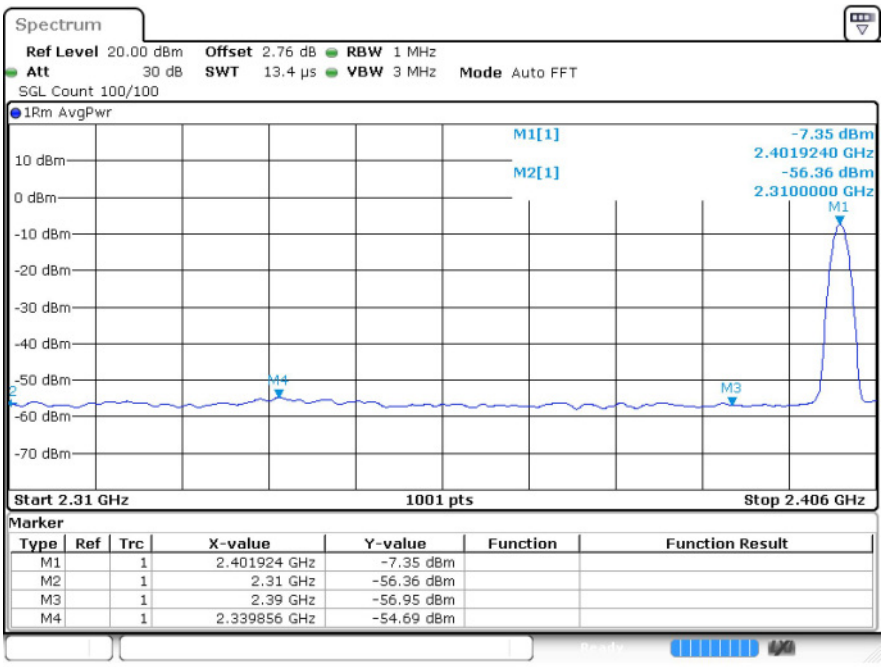
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



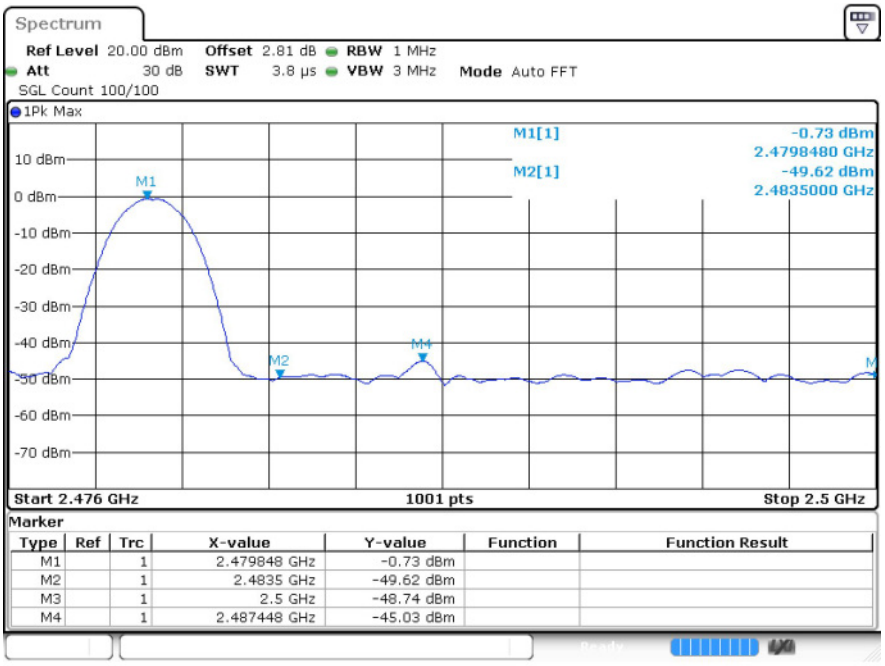
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



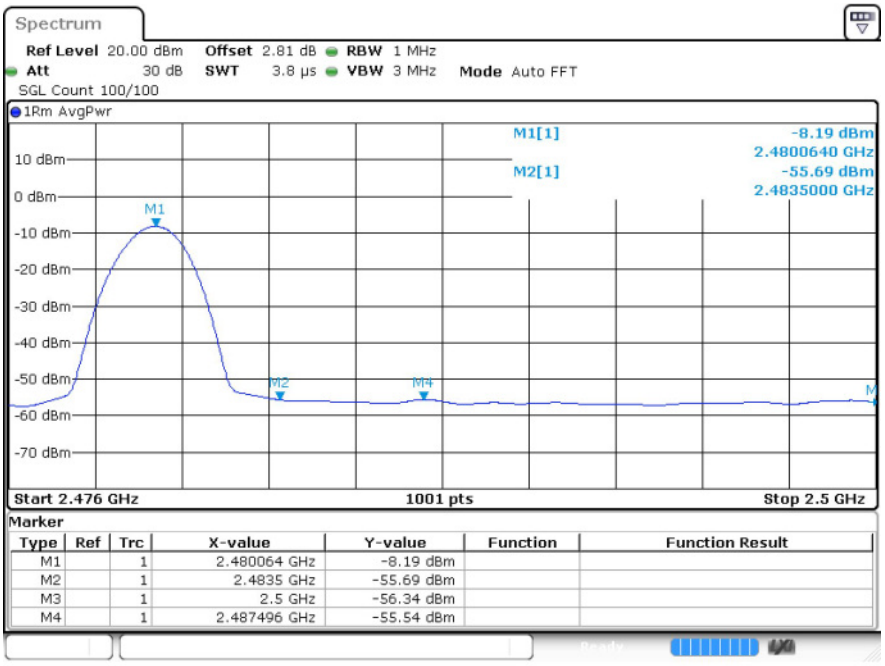
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



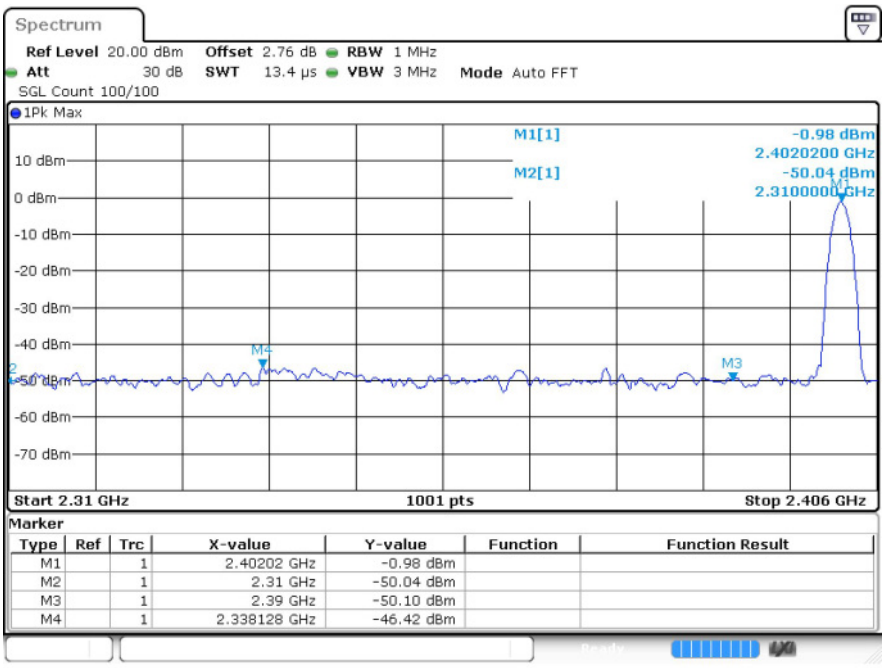
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



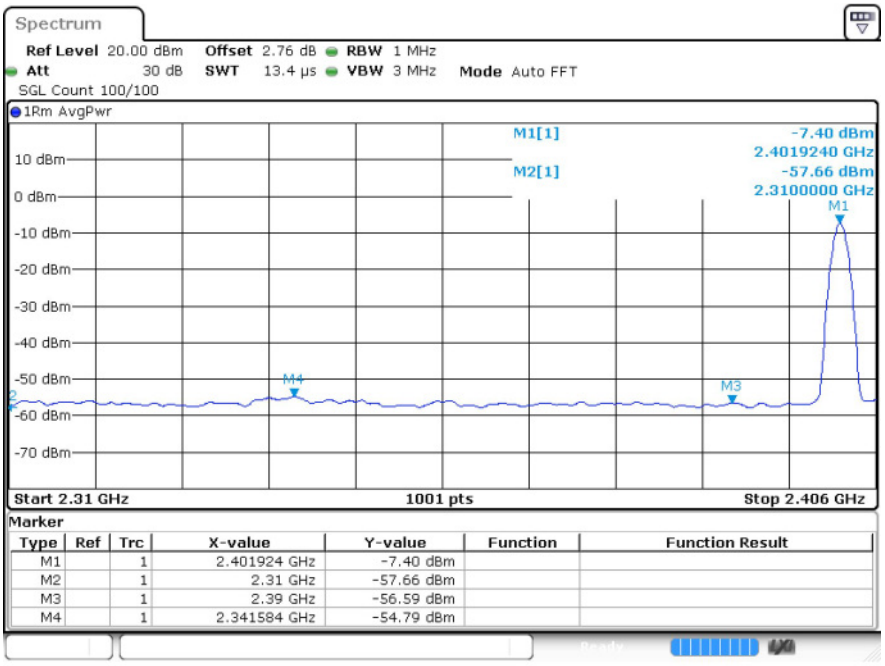
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



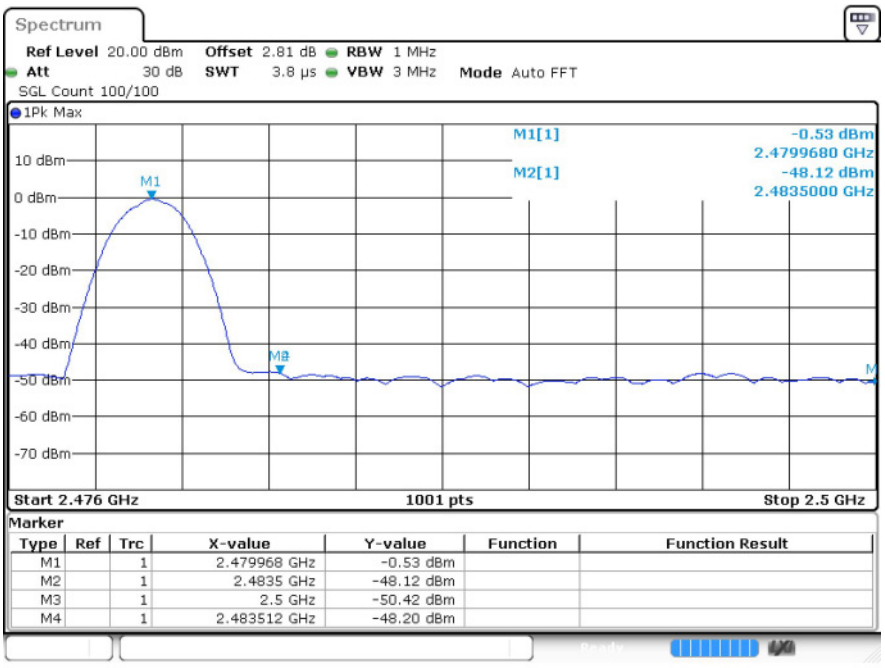
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



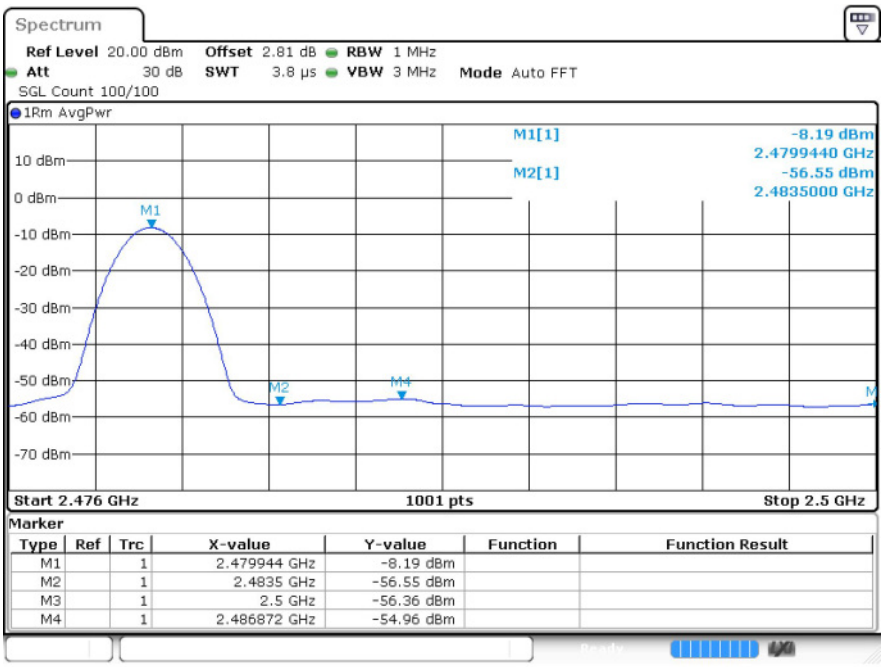
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---