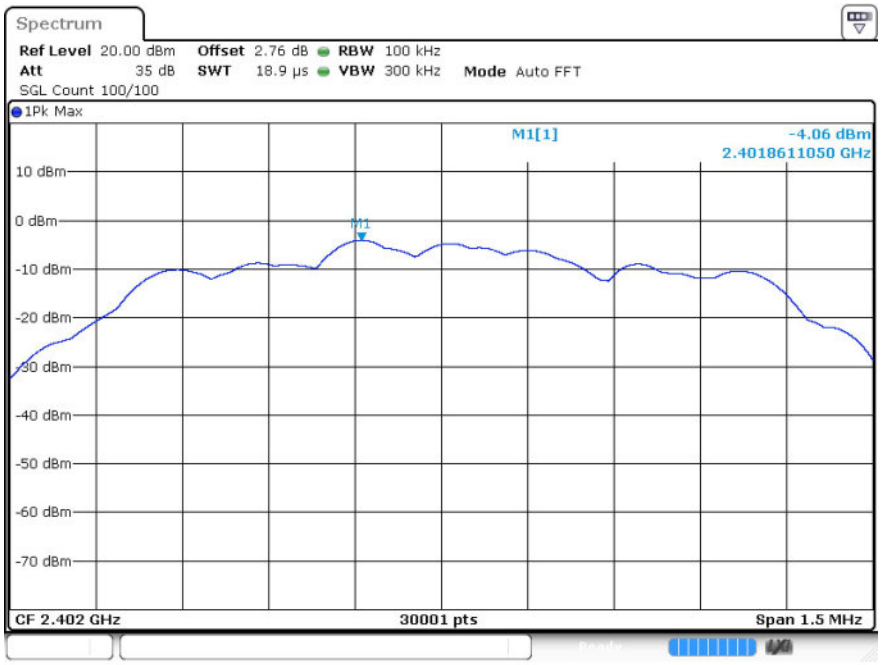
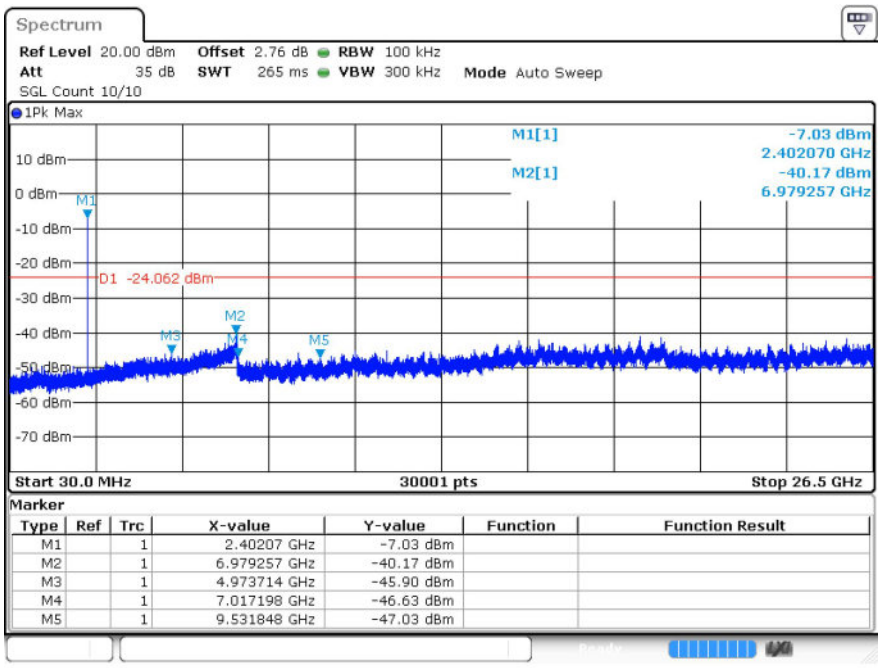
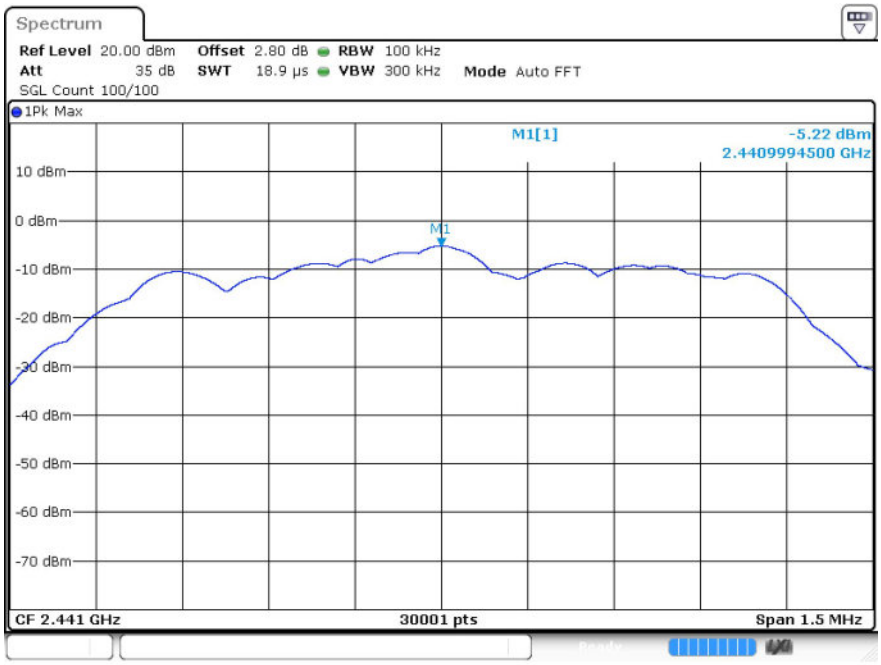
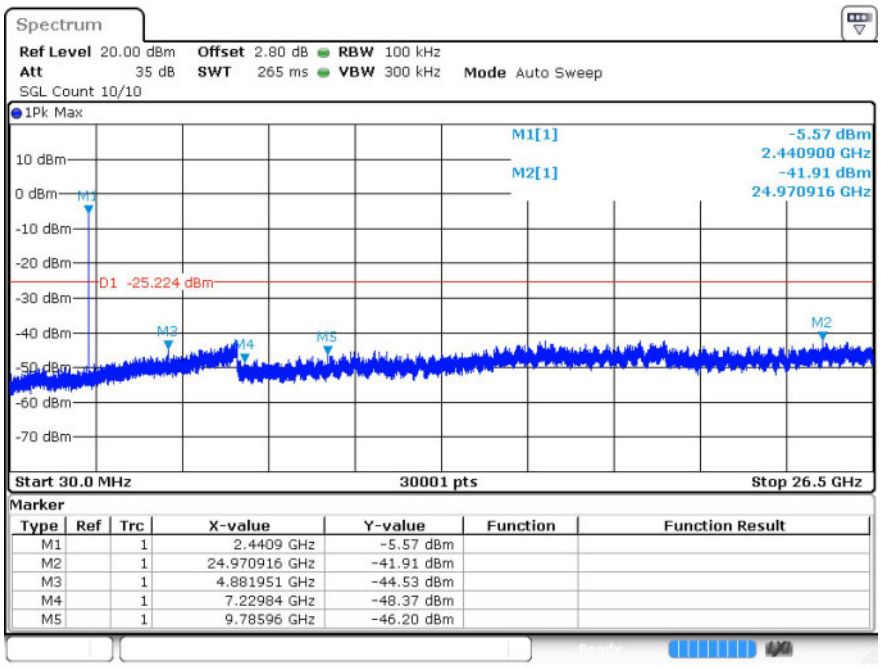
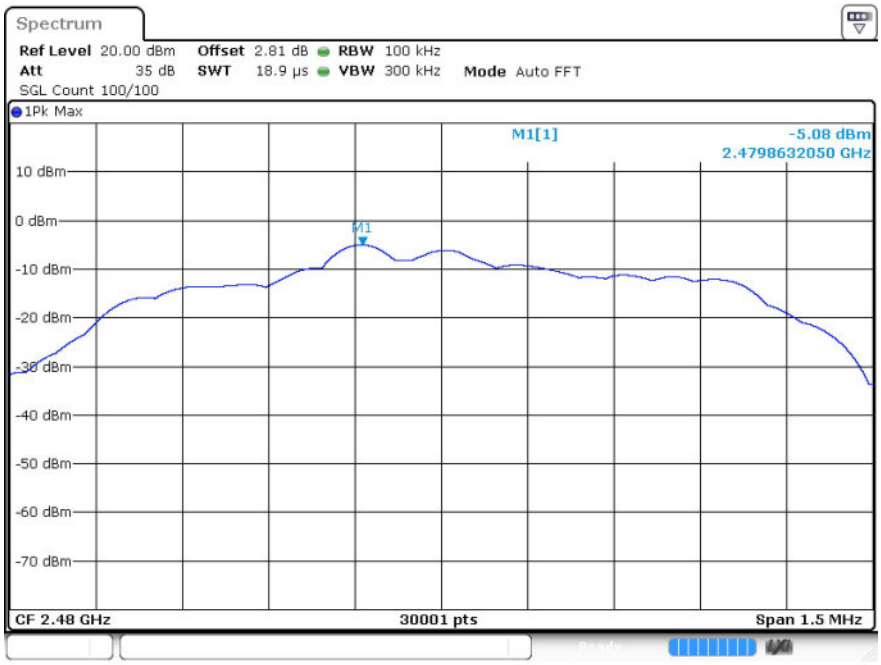
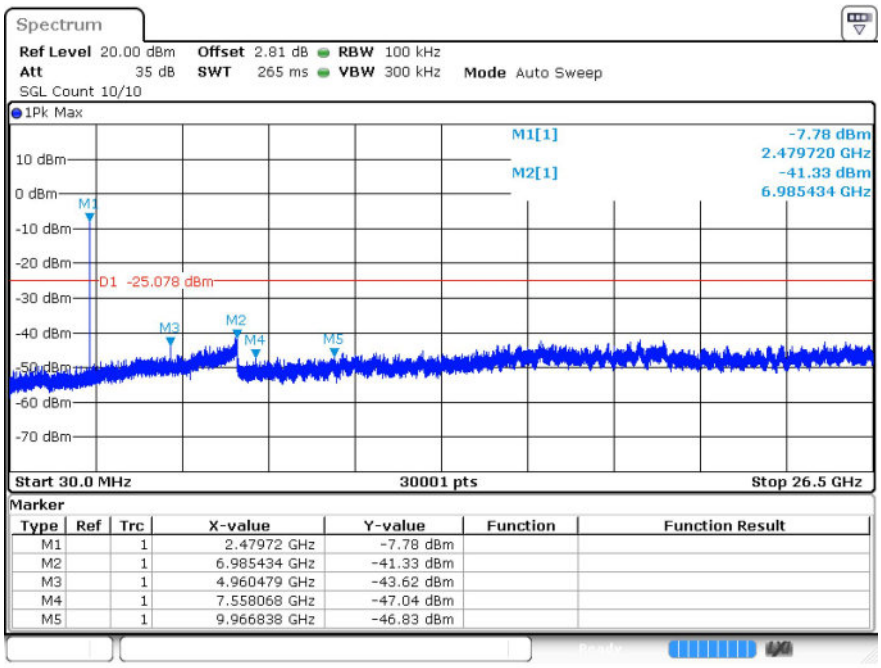
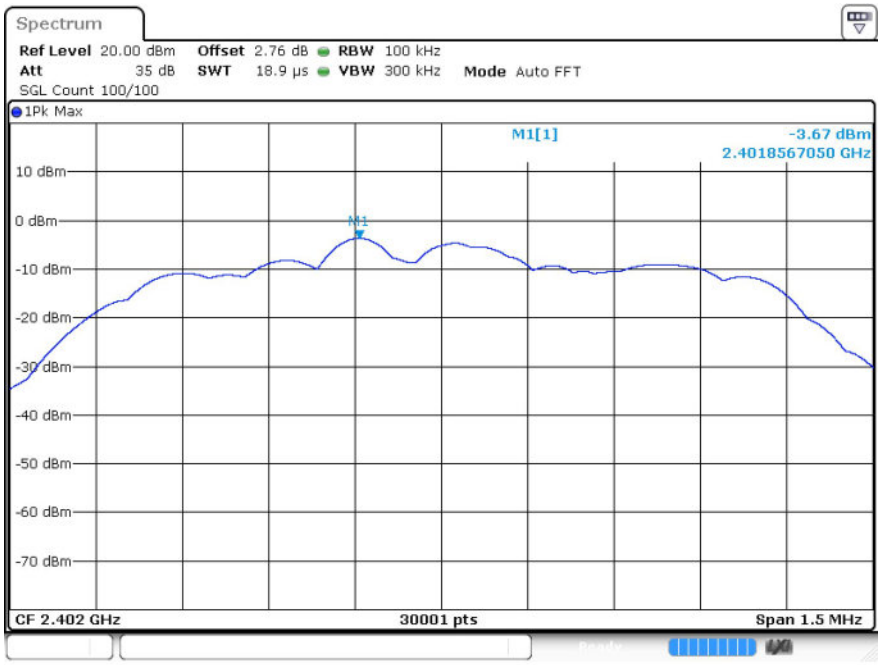
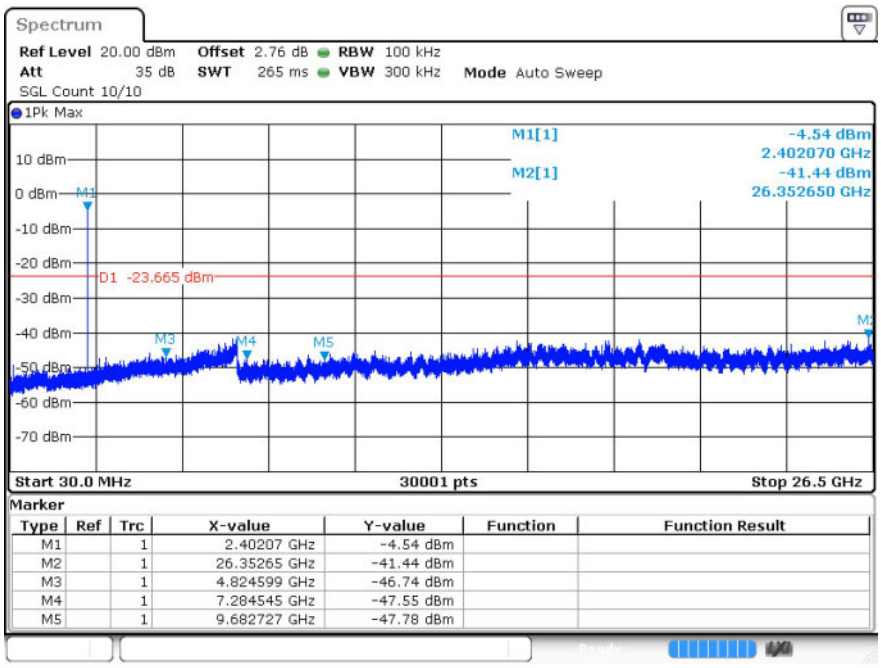
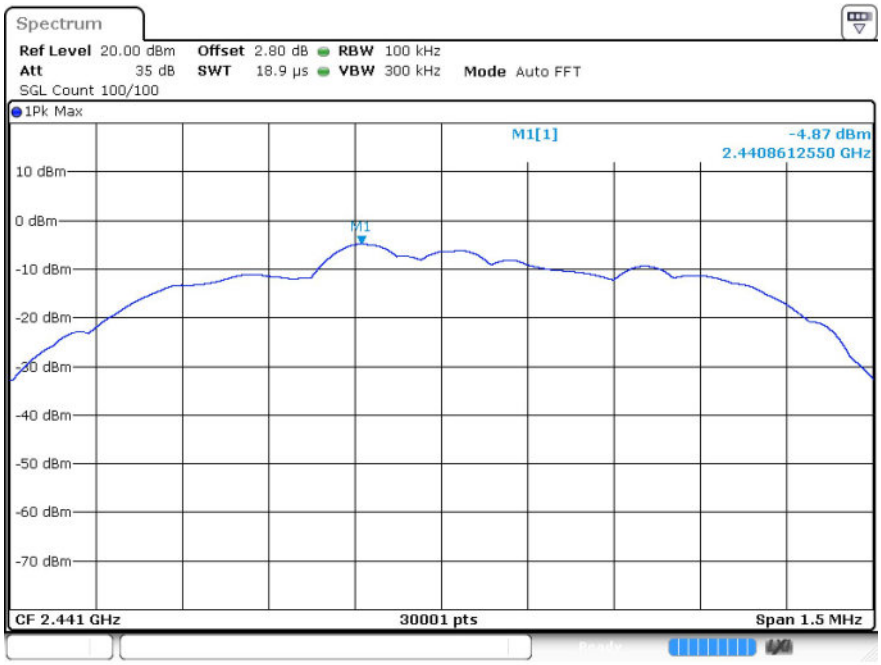
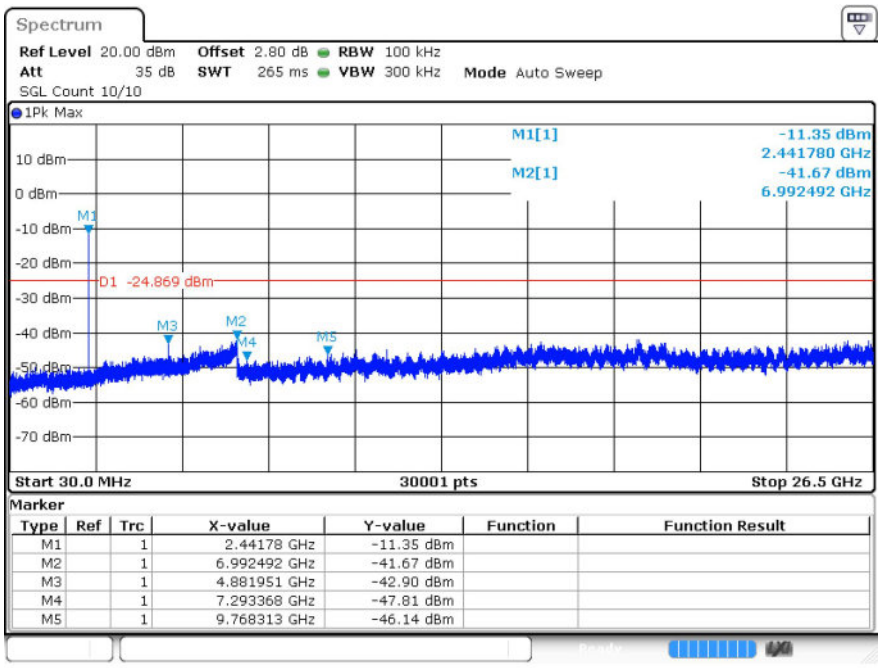
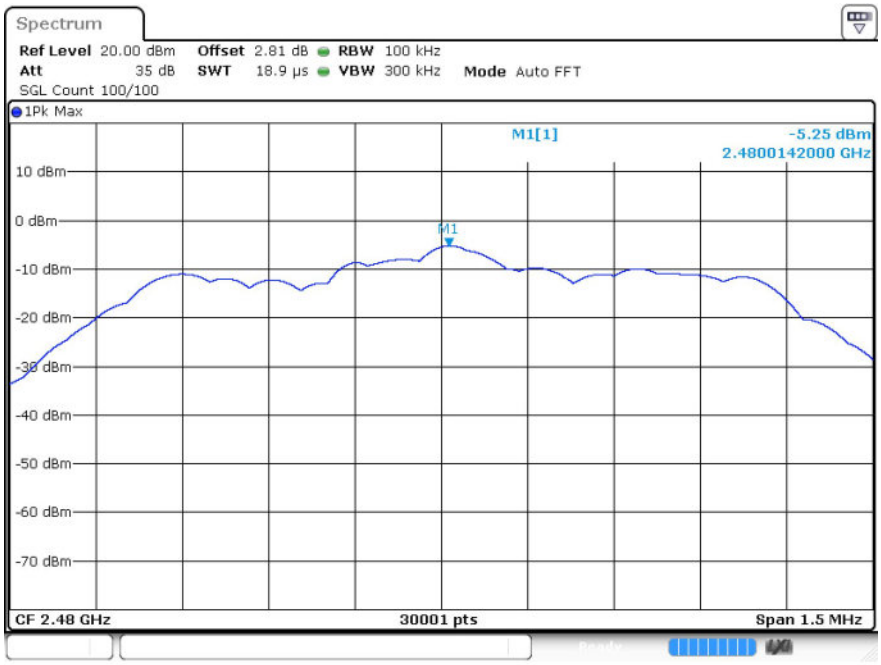
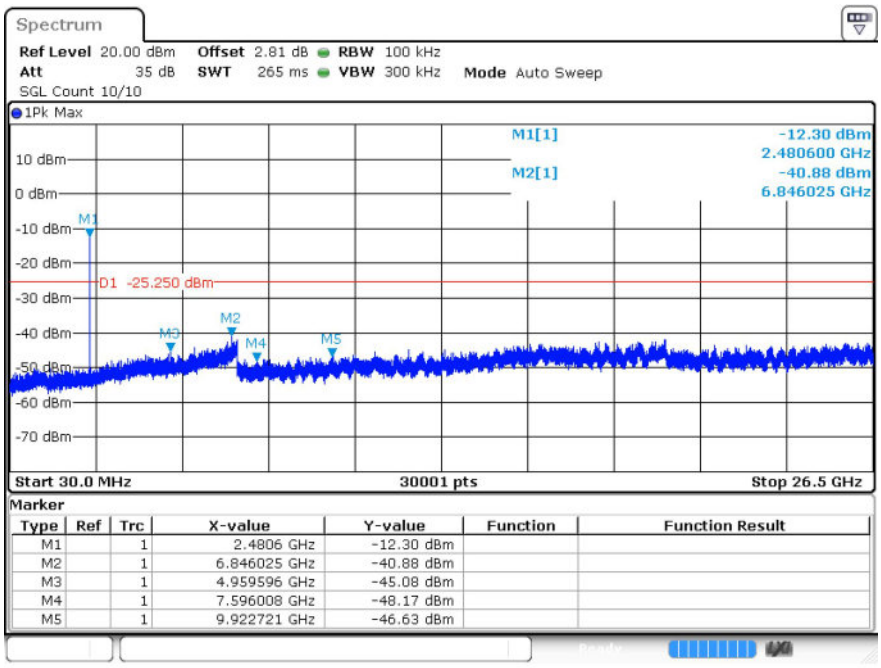
π/4DQPSK_LCH_Graphs	
Pref	
Puw	

π/4DQPSK_MCH_Graphs	
Pref	
Puw	

π/4DQPSK_HCH_Graphs	
Pref	
Puw	

8DPSK_LCH_Graphs	
Pref	
Puw	

8DPSK_MCH_Graphs	
Pref	
Puw	 Marker Type | Ref | Trc | X-value | Y-value | Function | Function Result M1 | 1 | 2.44178 GHz | -11.35 dBm M2 | 1 | 6.992492 GHz | -41.67 dBm M3 | 1 | 4.881951 GHz | -42.90 dBm M4 | 1 | 7.293368 GHz | -47.81 dBm M5 | 1 | 9.768313 GHz | -46.14 dBm

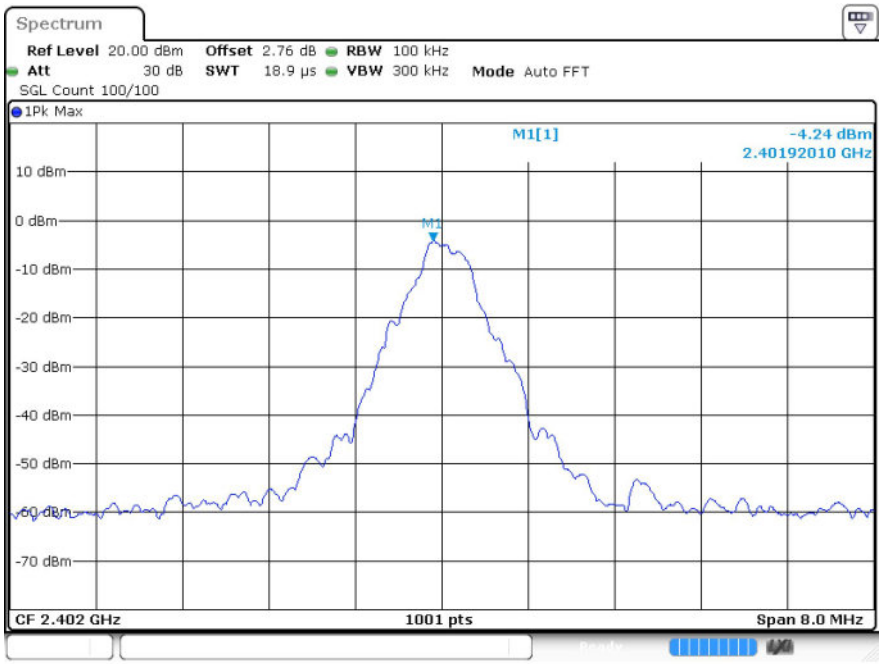
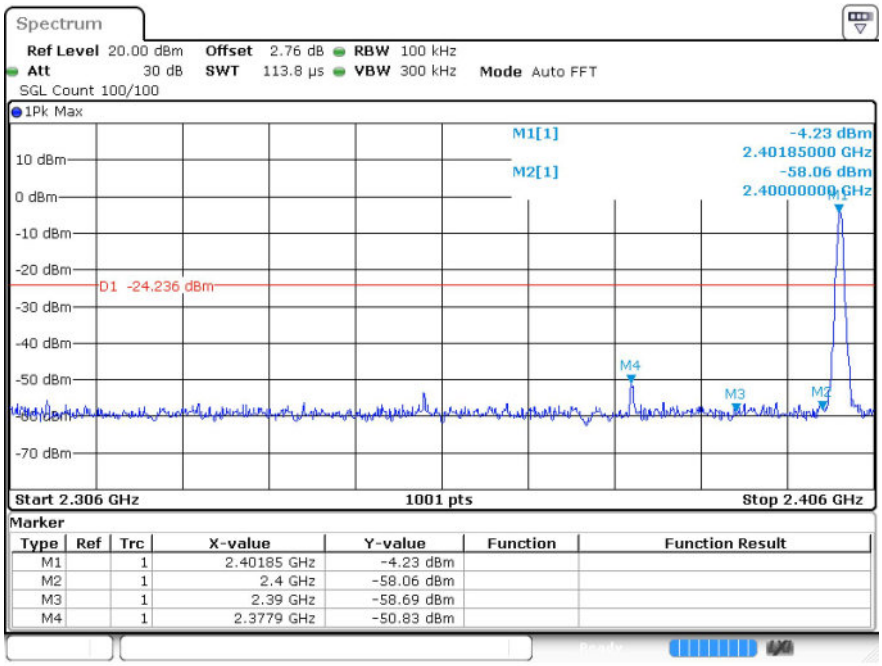
8DPSK_HCH_Graphs	
Pref	
Puw	

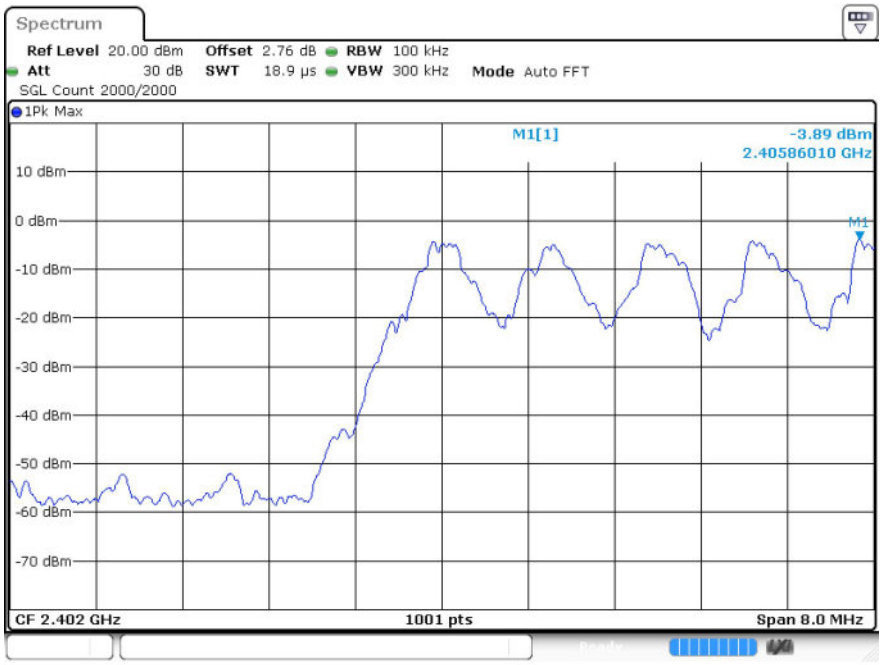
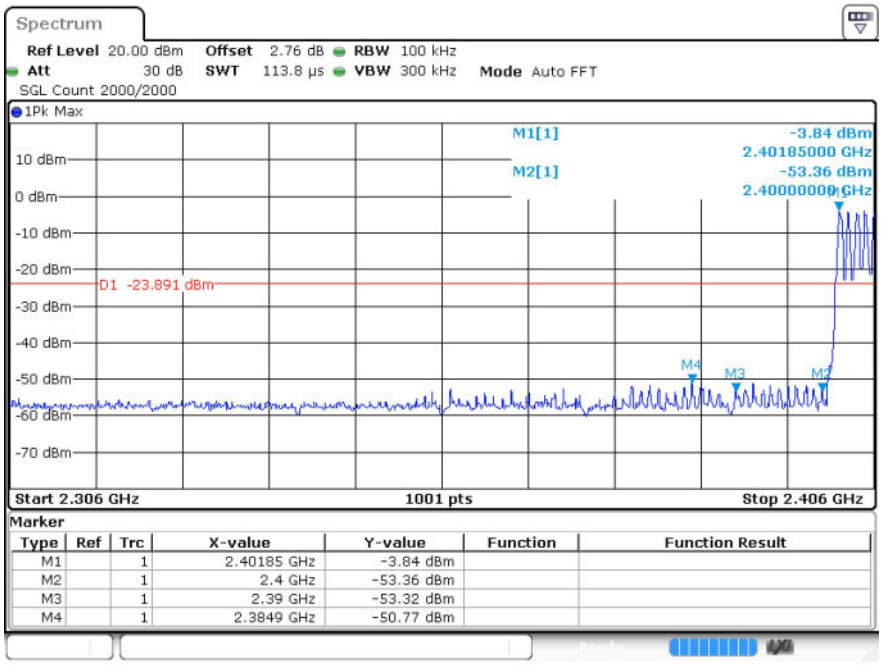
8 Band-edge for RF Conducted Emissions

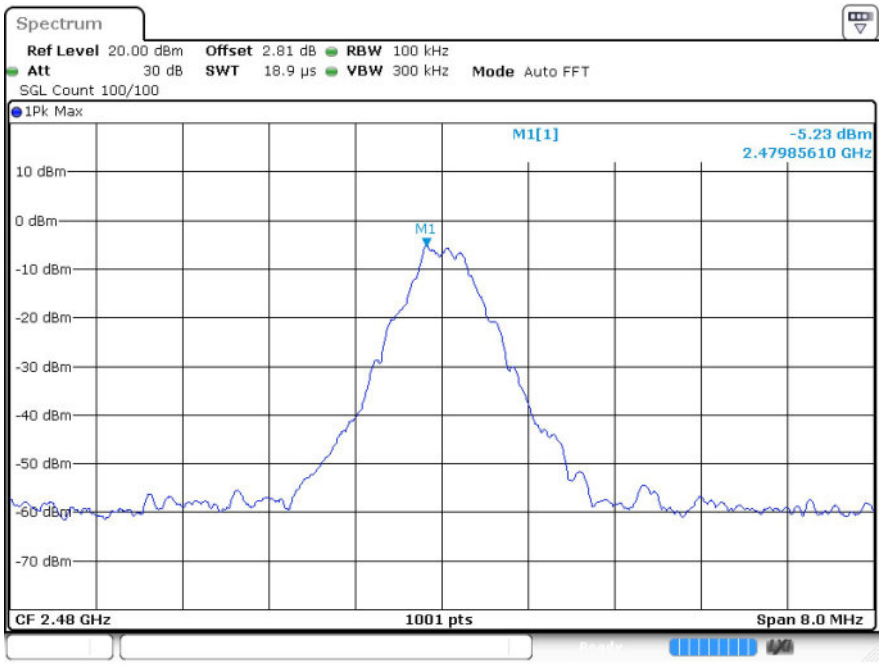
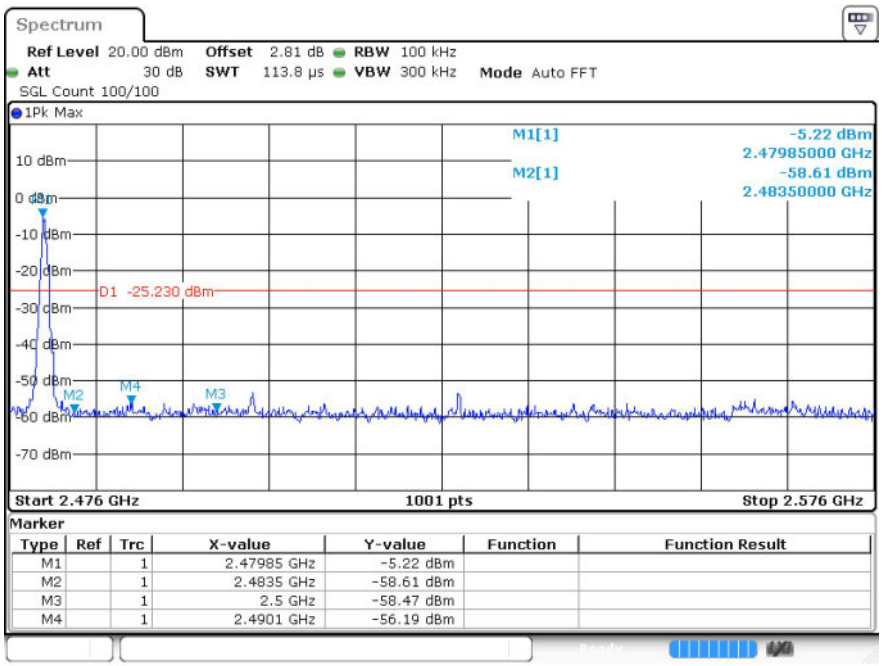
8.1 Test Result

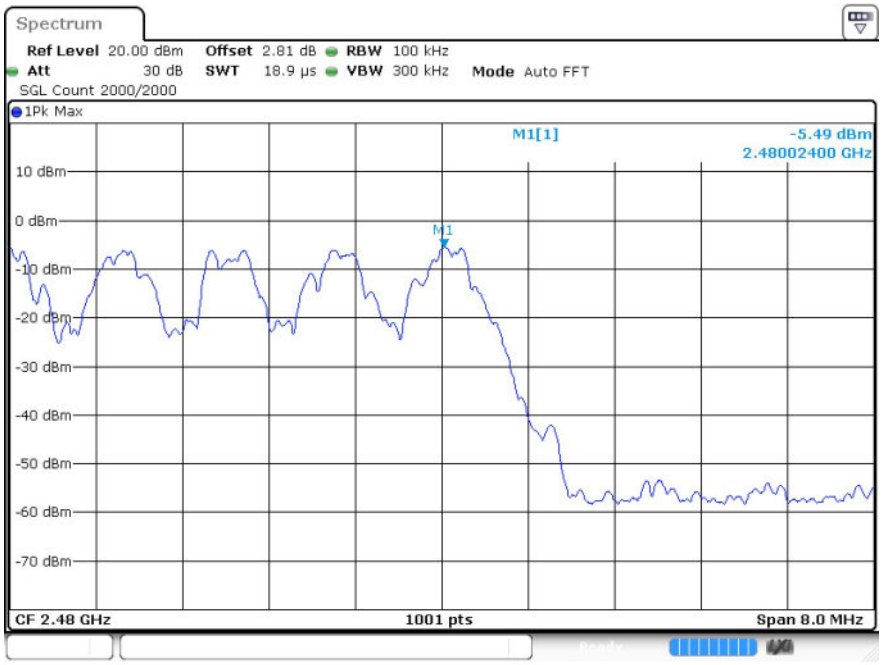
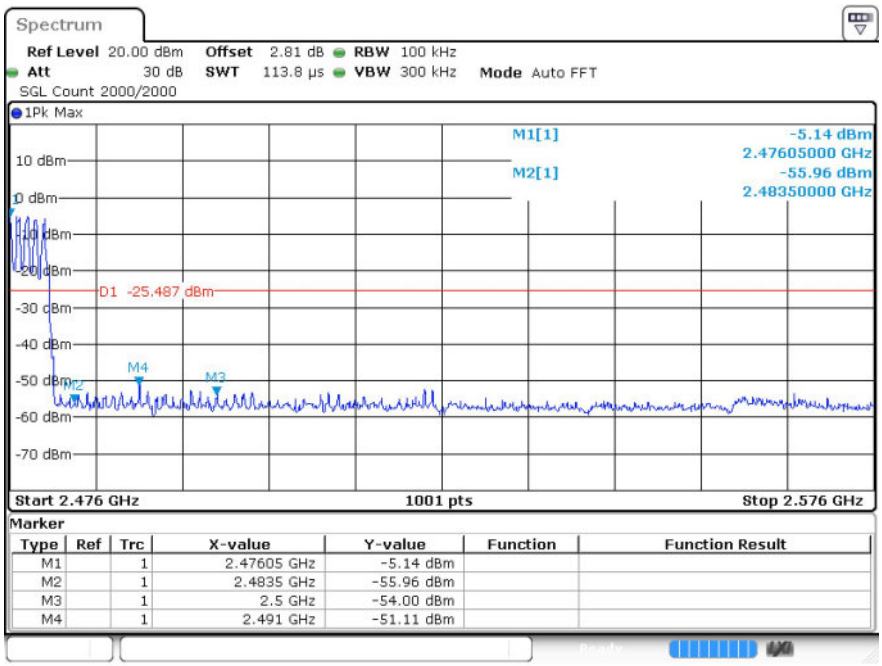
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-46.59	-20	Pass
			On	-46.87	-20	Pass
	HCH	2480	Off	-50.95	-20	Pass
			On	-45.62	-20	Pass
π/4DQPSK	LCH	2402	Off	-48.02	-20	Pass
			On	-46.03	-20	Pass
	HCH	2480	Off	-49.79	-20	Pass
			On	-46.47	-20	Pass
8DPSK	LCH	2402	Off	-48.57	-20	Pass
			On	-47.47	-20	Pass
	HCH	2480	Off	-50.7	-20	Pass
			On	-47.46	-20	Pass

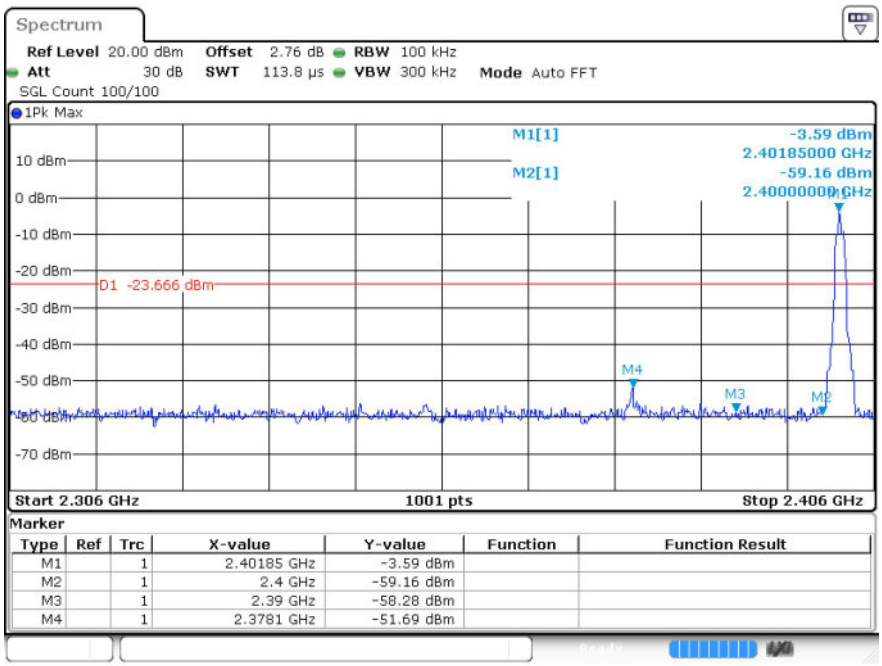
8.2 Test Graphs

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	

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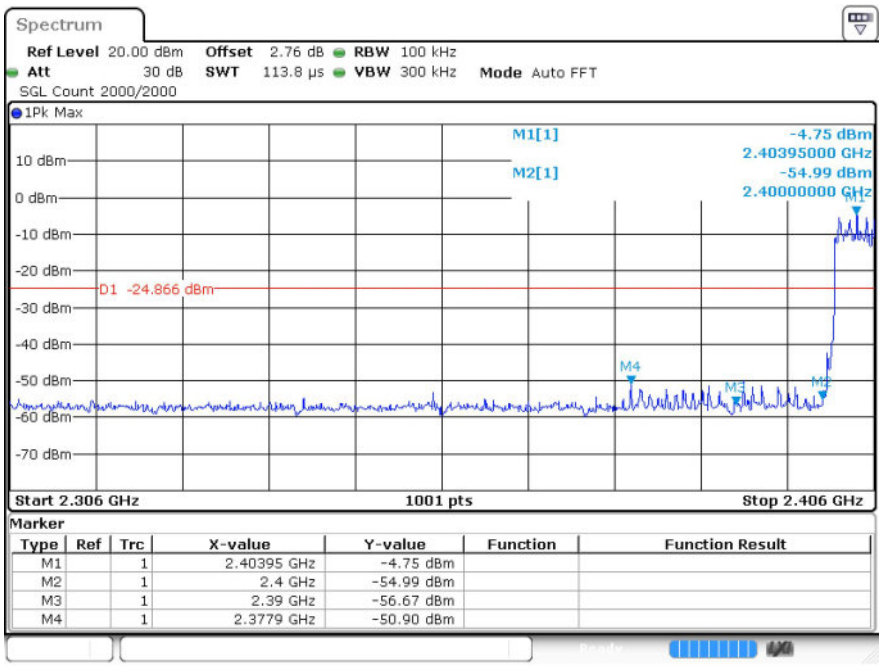
π/4DQPSK/LCH/Hop	

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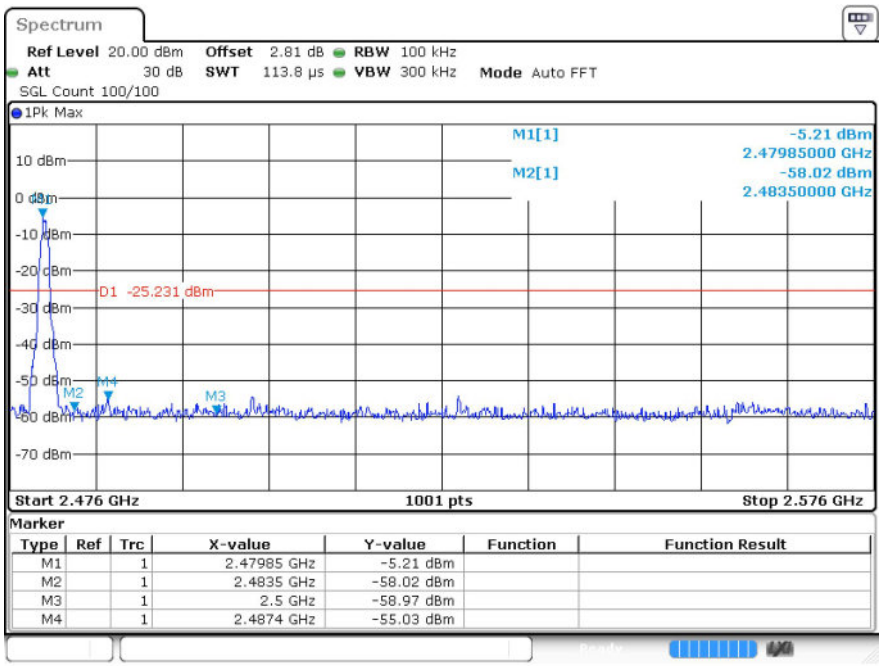
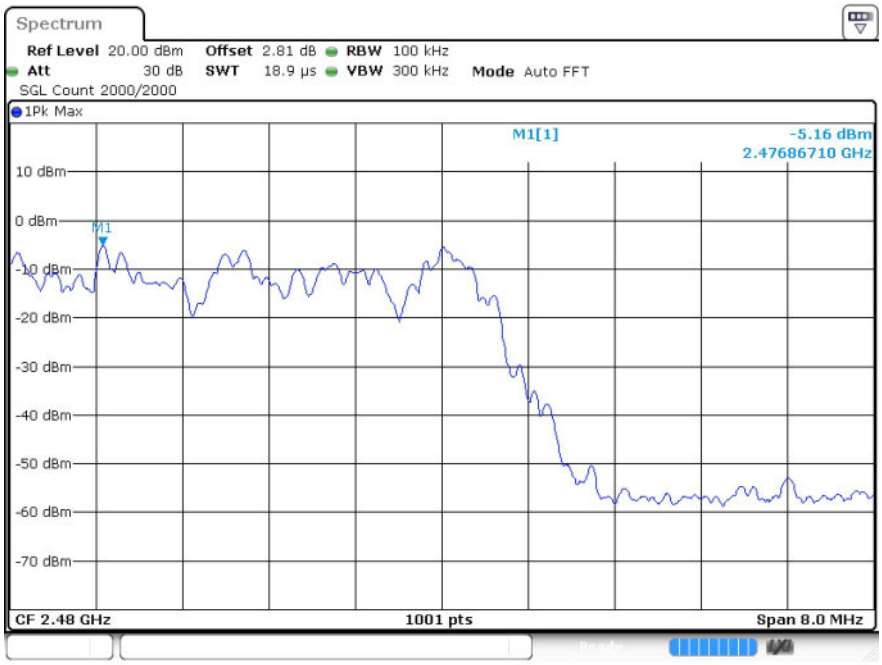
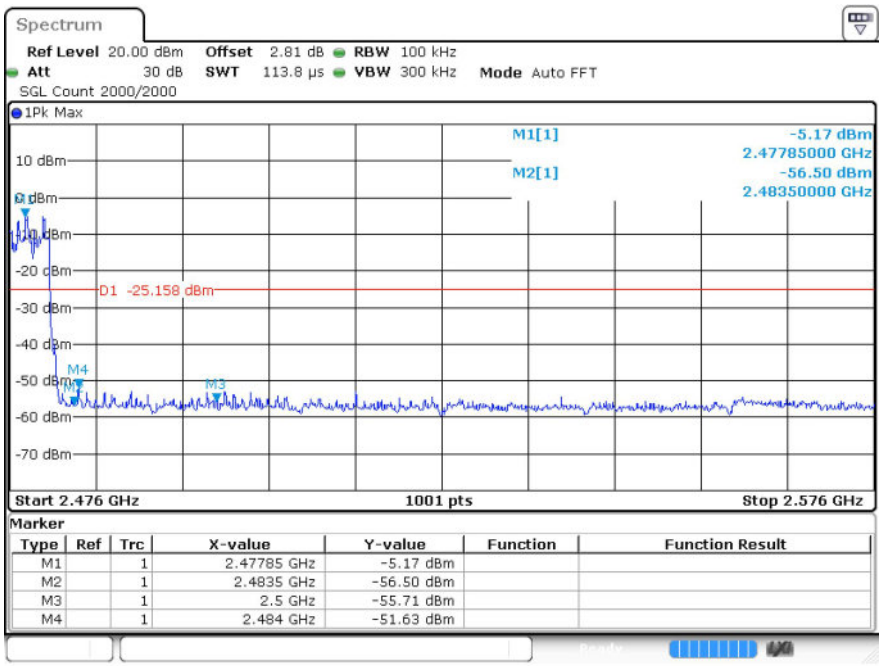
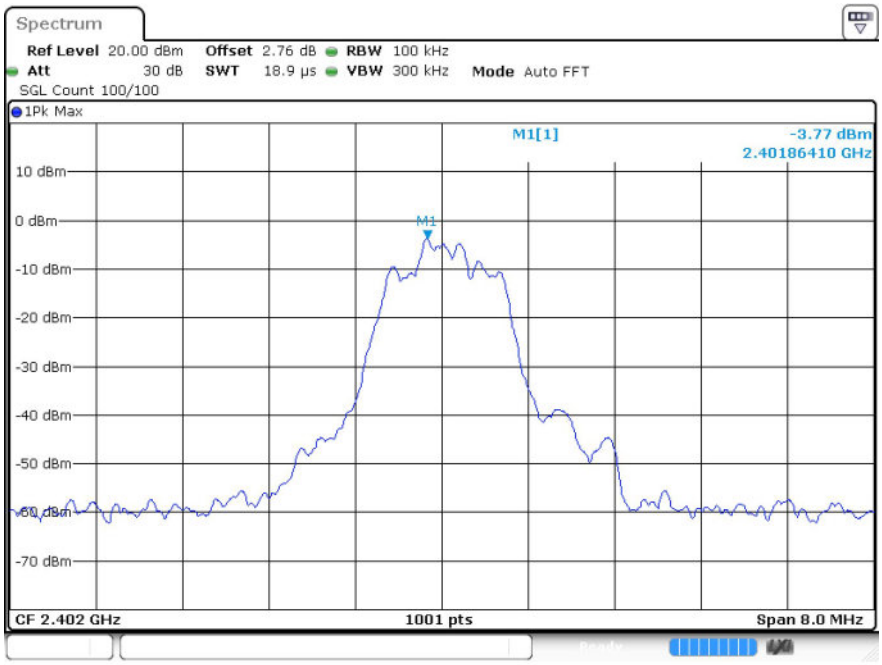
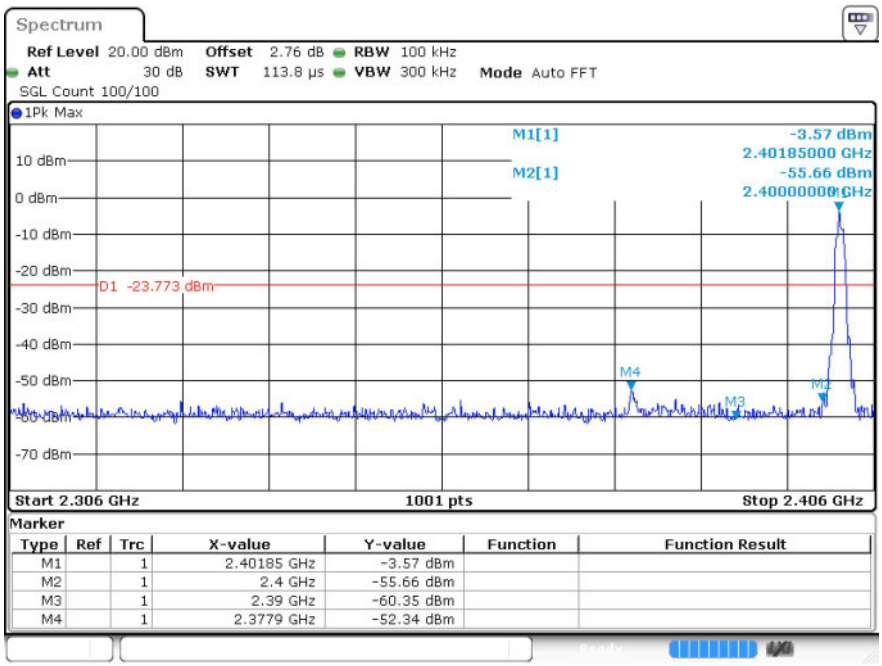
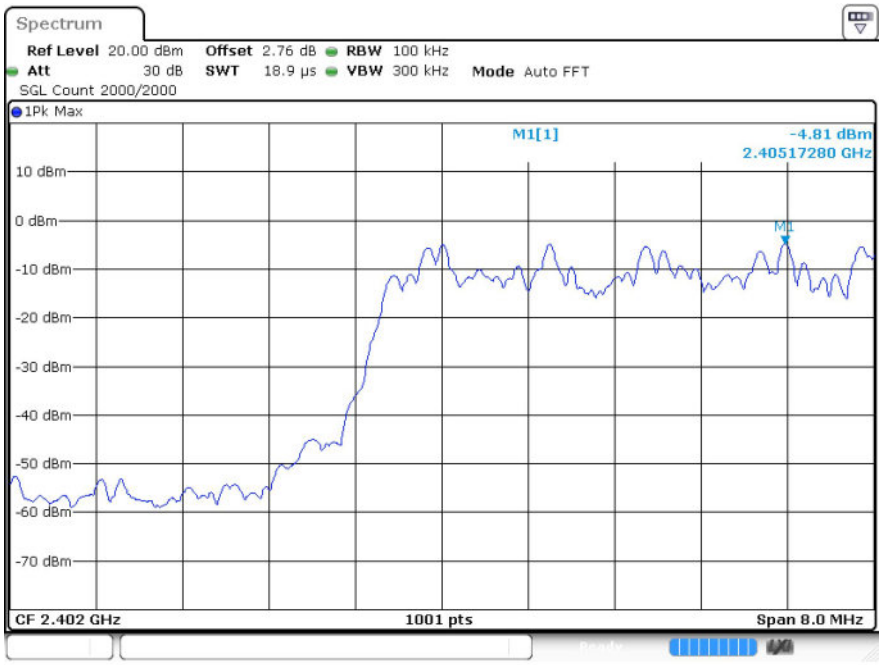
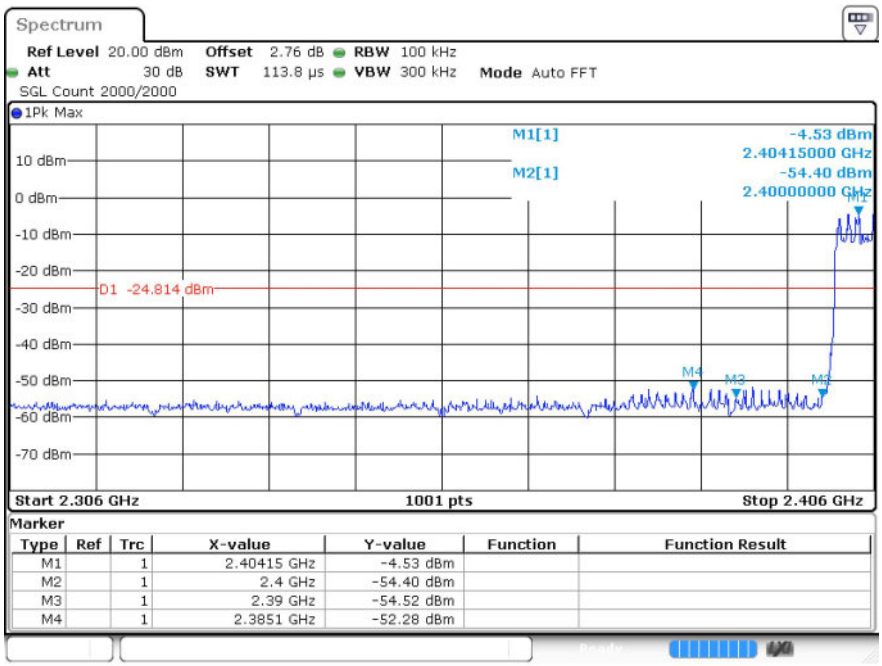
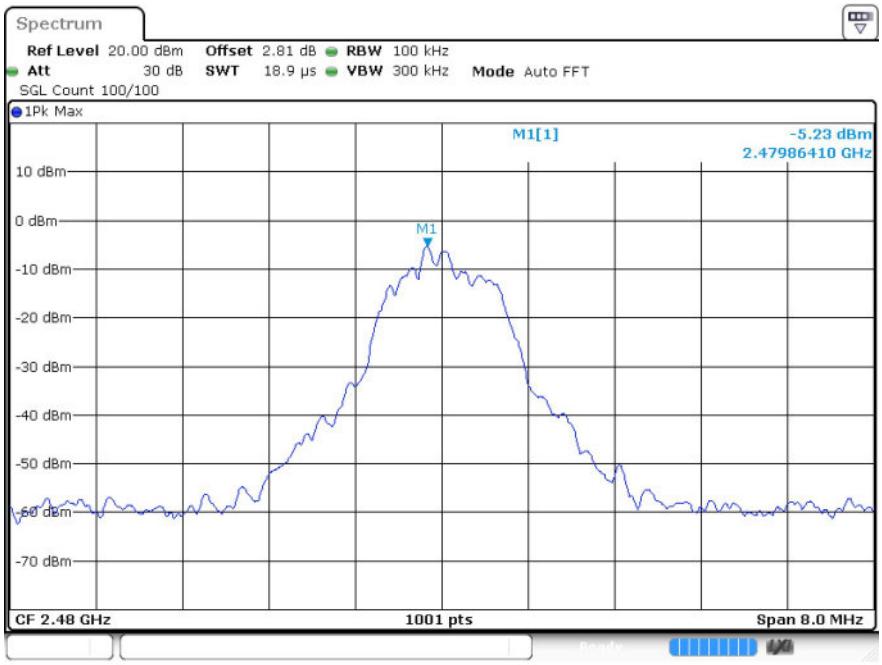
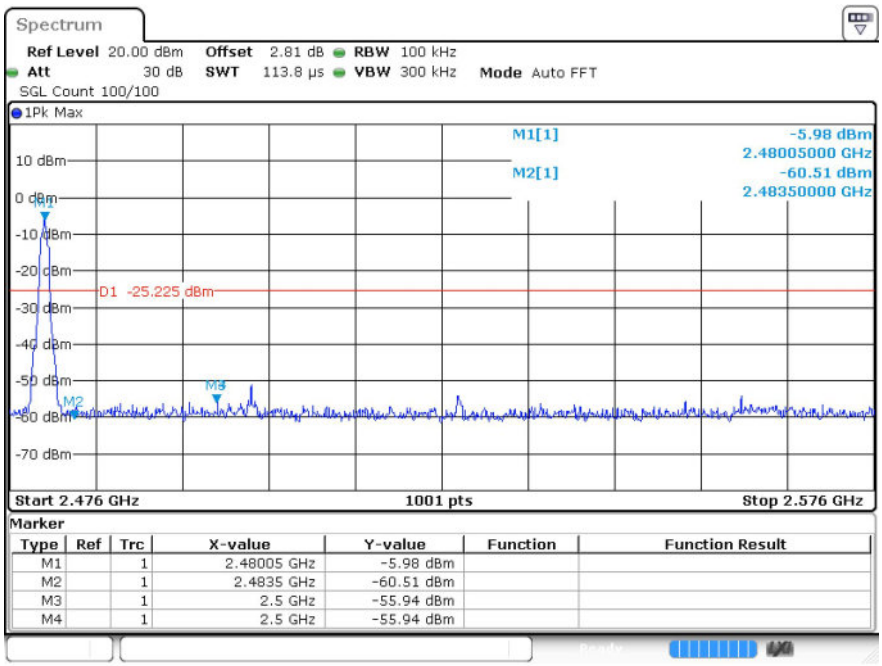
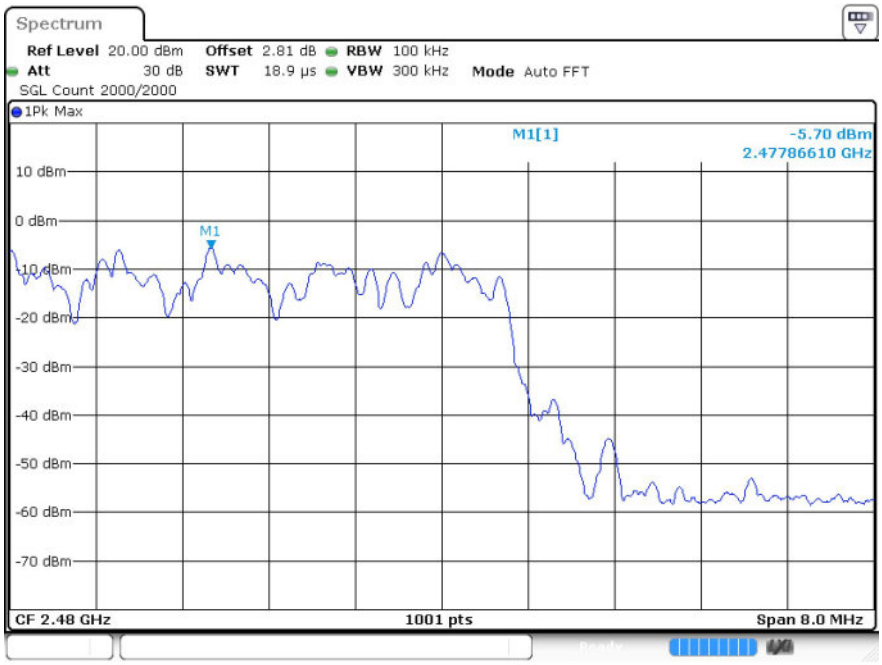
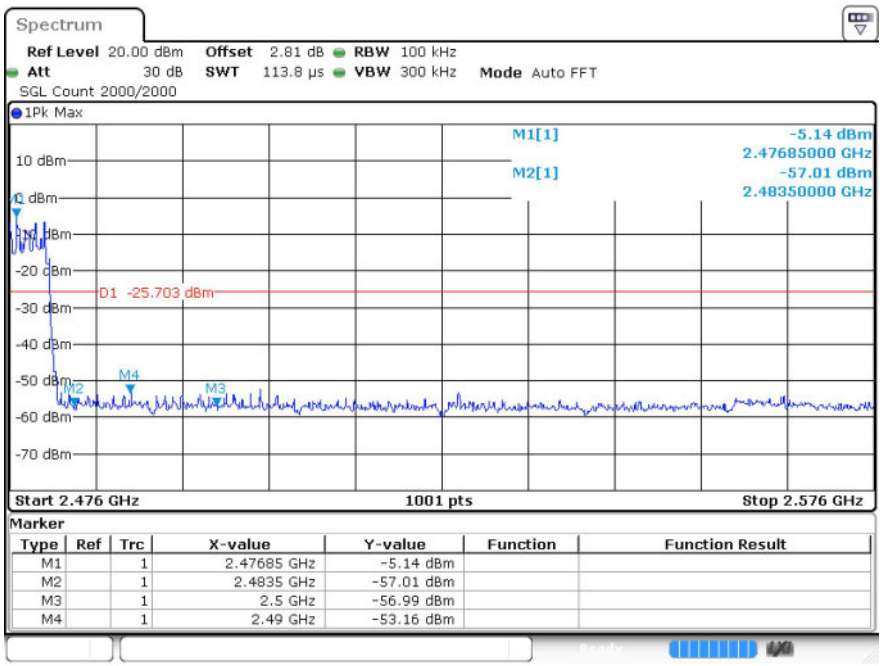
π/4DQPSK/HCH/No Hop	

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

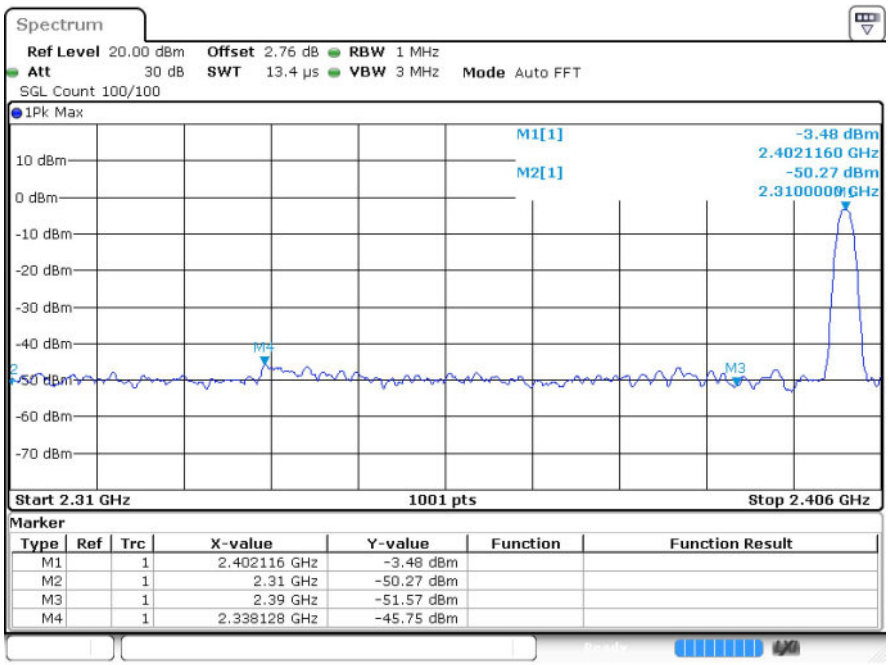
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-50.27	2.499	-	47.489	PEAK	74	Pass
	Off	2310.0	-56.77	2.499	5.09	46.079	AV	54	Pass
	Off	2338.128	-45.74	2.499	-	52.019	PEAK	74	Pass
	Off	2377.968	-54.09	2.499	5.09	48.759	AV	54	Pass
	Off	2390.0	-51.57	2.499	-	46.189	PEAK	74	Pass
	Off	2390.0	-56.03	2.499	5.09	46.819	AV	54	Pass
	Off	2483.5	-48.19	2.499	-	49.569	PEAK	74	Pass
	Off	2483.5	-56.9	2.499	5.06	45.919	AV	54	Pass
	Off	2498.656	-47.76	2.499	-	49.999	PEAK	74	Pass
	Off	2498.8	-55.54	2.499	5.06	47.279	AV	54	Pass
	Off	2500.0	-49.89	2.499	-	47.869	PEAK	74	Pass
	Off	2500.0	-56.52	2.499	5.06	46.299	AV	54	Pass
π/4DQPSK	Off	2310.0	-50.42	2.499	-	47.339	PEAK	74	Pass
	Off	2310.0	-57.09	2.499	5.06	45.729	AV	54	Pass
	Off	2354.352	-45.11	2.499	-	52.649	PEAK	74	Pass
	Off	2377.968	-54.06	2.499	5.06	48.759	AV	54	Pass
	Off	2390.0	-48.9	2.499	-	48.859	PEAK	74	Pass
	Off	2390.0	-56.65	2.499	5.06	46.169	AV	54	Pass
	Off	2483.5	-50.91	2.499	-	46.849	PEAK	74	Pass
	Off	2483.5	-56.53	2.499	5.06	46.289	AV	54	Pass
	Off	2485.264	-46.34	2.499	-	51.419	PEAK	74	Pass
	Off	2487.568	-55.38	2.499	5.06	47.439	AV	54	Pass
	Off	2500.0	-50.09	2.499	-	47.669	PEAK	74	Pass
	Off	2500.0	-56.22	2.499	5.06	46.599	AV	54	Pass
8DPSK	Off	2310.0	-50.29	2.499	-	47.469	PEAK	74	Pass
	Off	2310.0	-56.24	2.499	4.95	46.469	AV	54	Pass
	Off	2340.048	-45.75	2.499	-	52.009	PEAK	74	Pass
	Off	2377.872	-54.38	2.499	4.95	48.329	AV	54	Pass

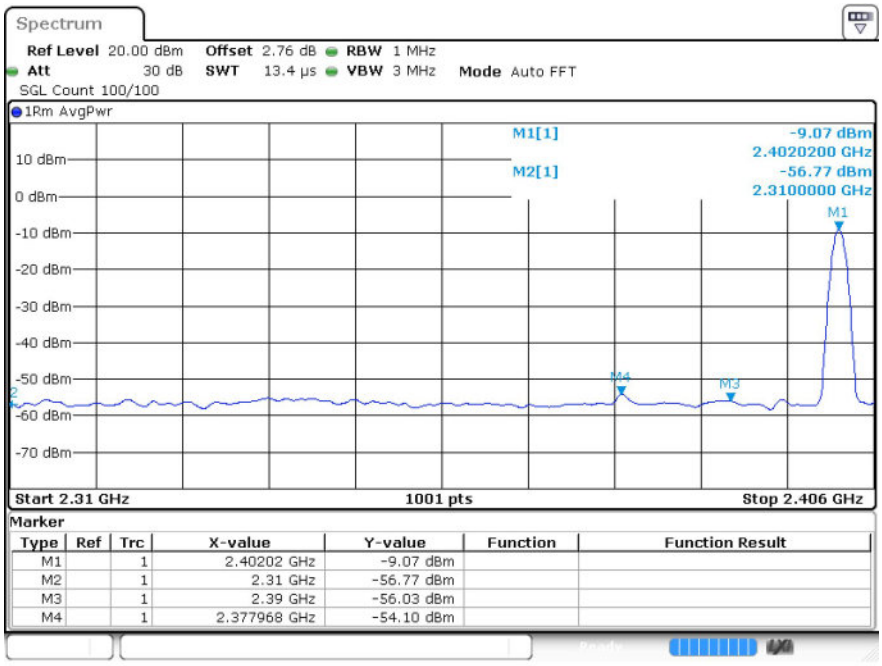
	Off	2390.0	-50.57	2.499	-	47.189	PEAK	74	Pass
	Off	2390.0	-56.49	2.499	4.95	46.219	AV	54	Pass
	Off	2483.5	-47.45	2.499	-	50.309	PEAK	74	Pass
	Off	2483.5	-57.14	2.499	4.95	45.569	AV	54	Pass
	Off	2494.24	-44.89	2.499	-	52.869	PEAK	74	Pass
	Off	2498.416	-55.63	2.499	4.95	47.079	AV	54	Pass
	Off	2500.0	-48.7	2.499	-	49.059	PEAK	74	Pass
	Off	2500.0	-56.07	2.499	4.95	46.639	AV	54	Pass

9.2 Test Graphs

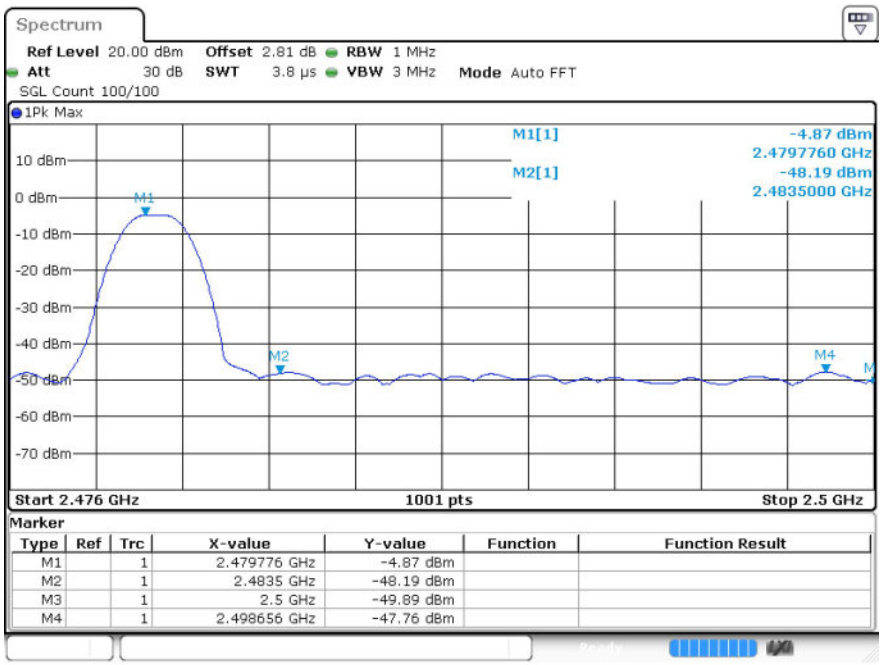
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



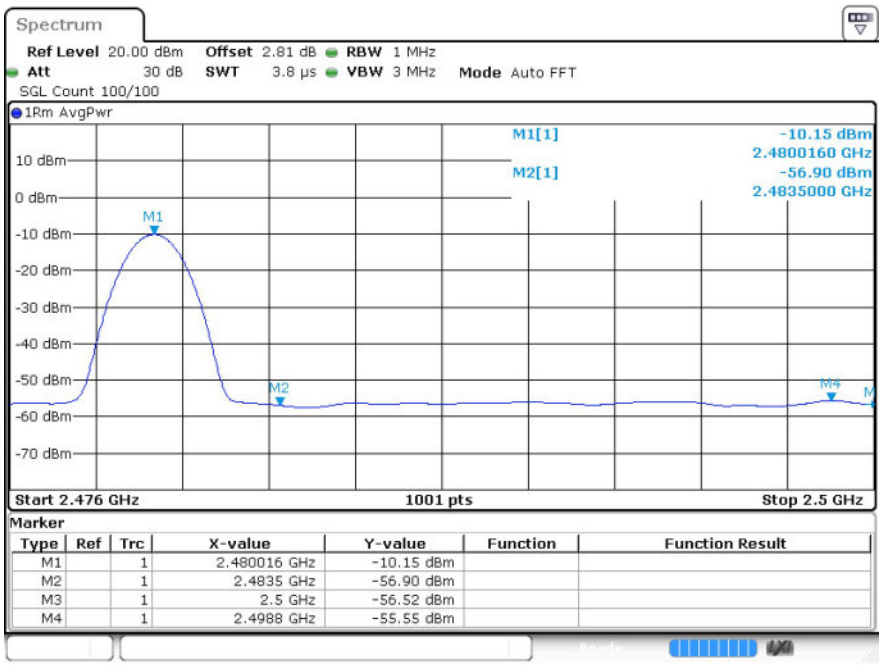
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



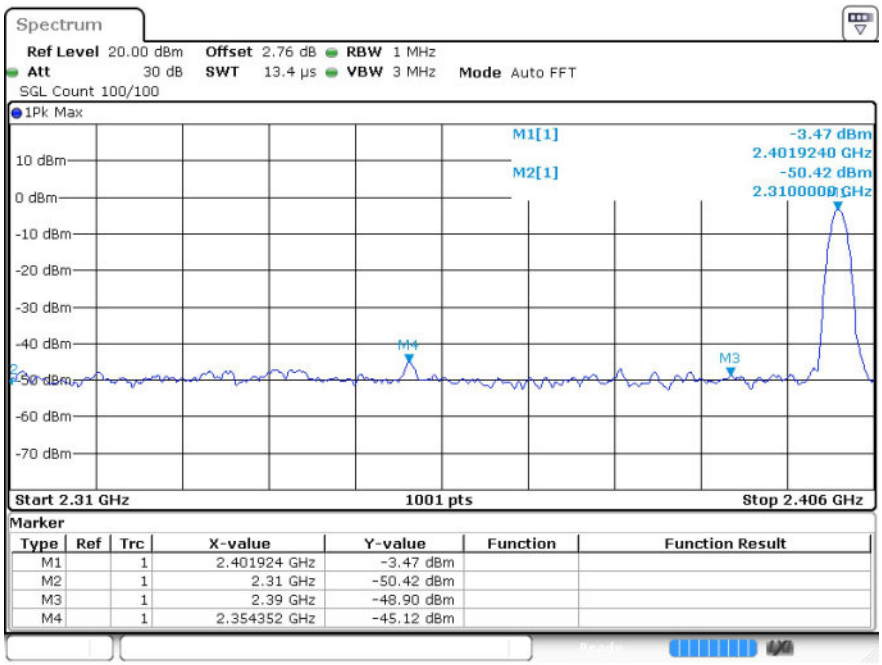
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



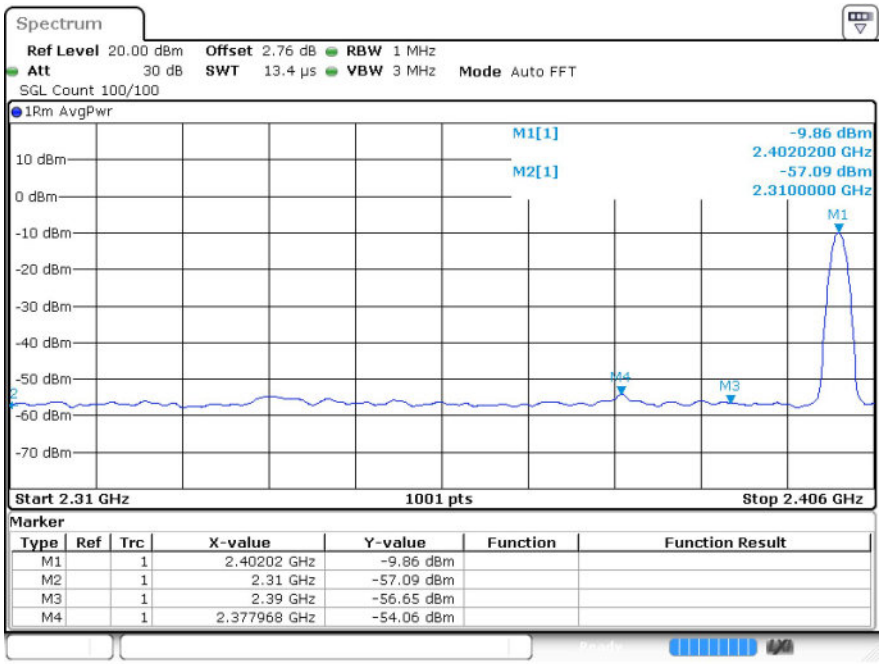
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



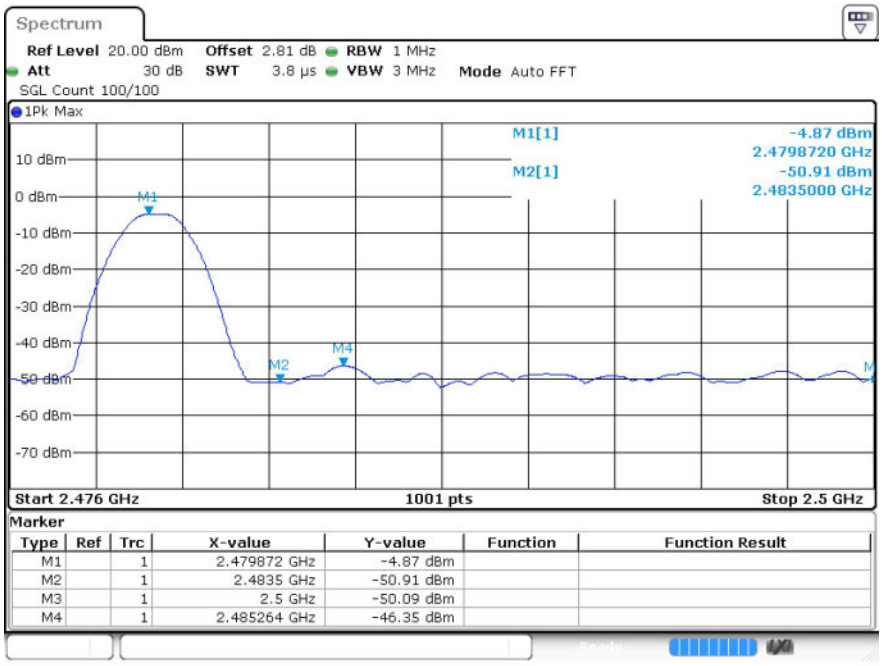
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



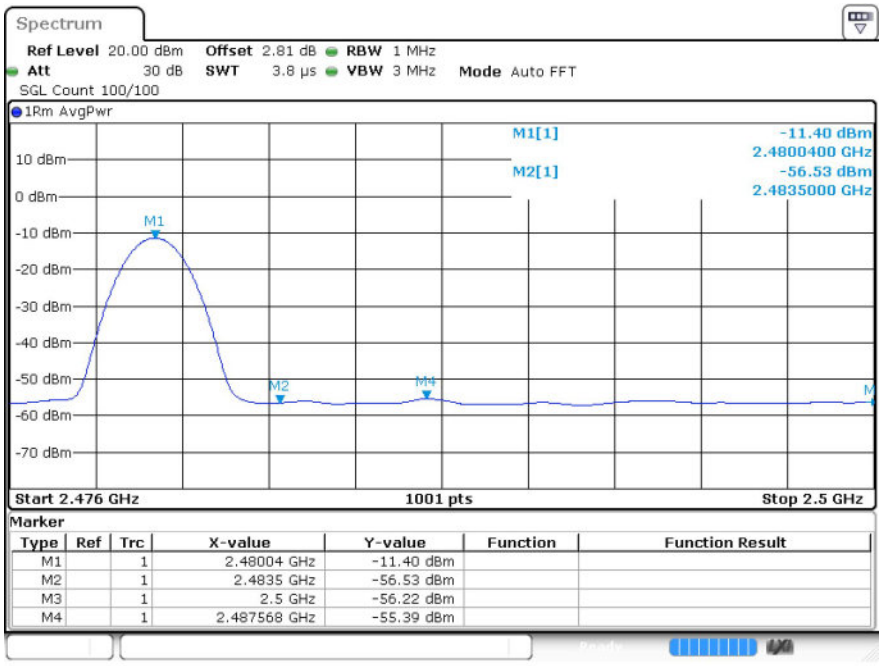
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



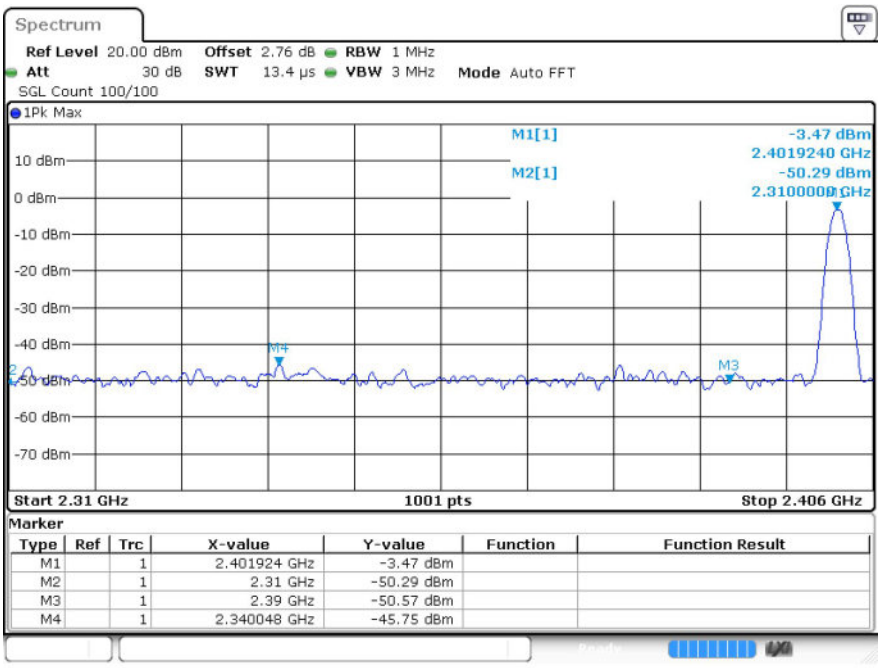
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



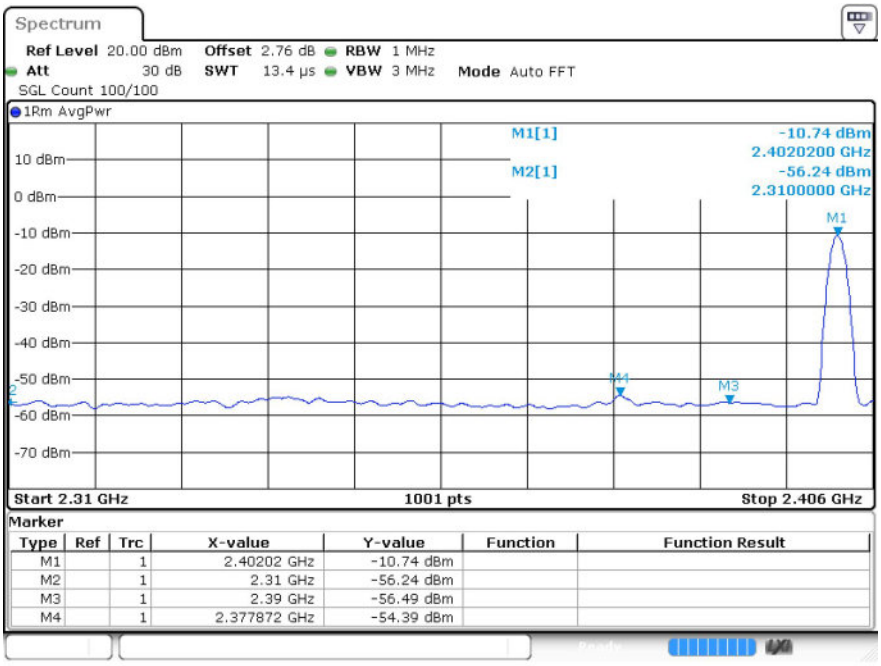
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



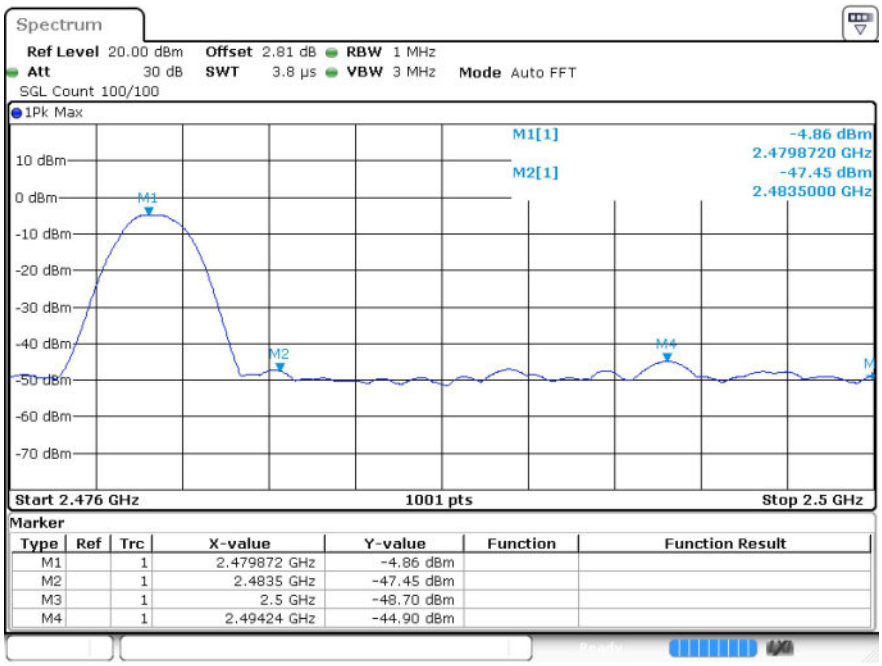
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



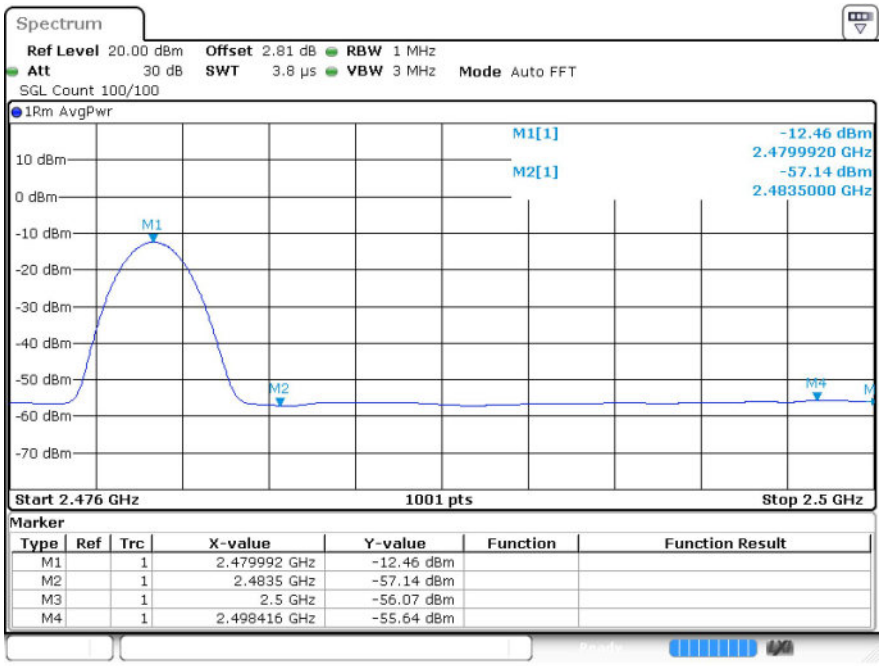
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---