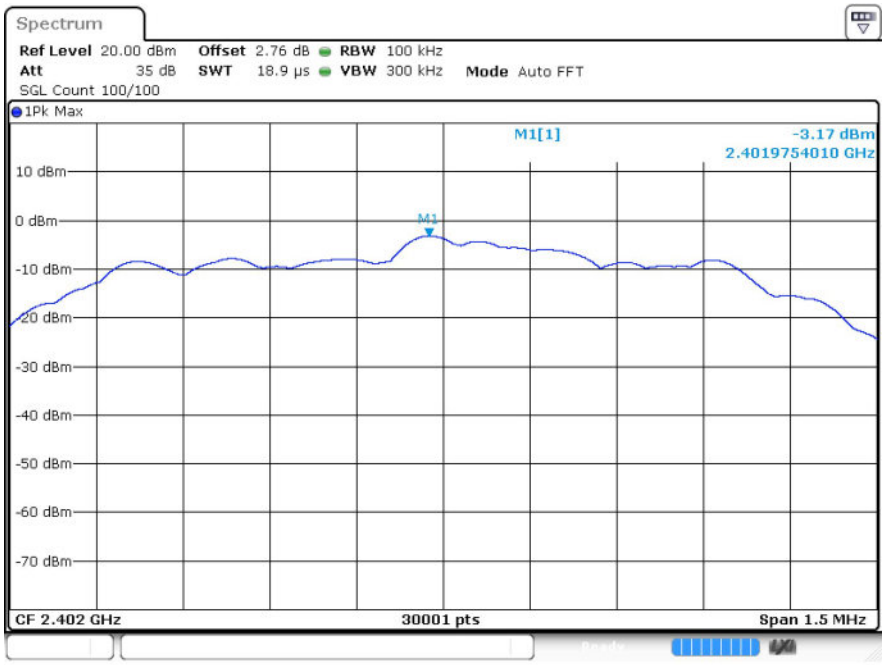
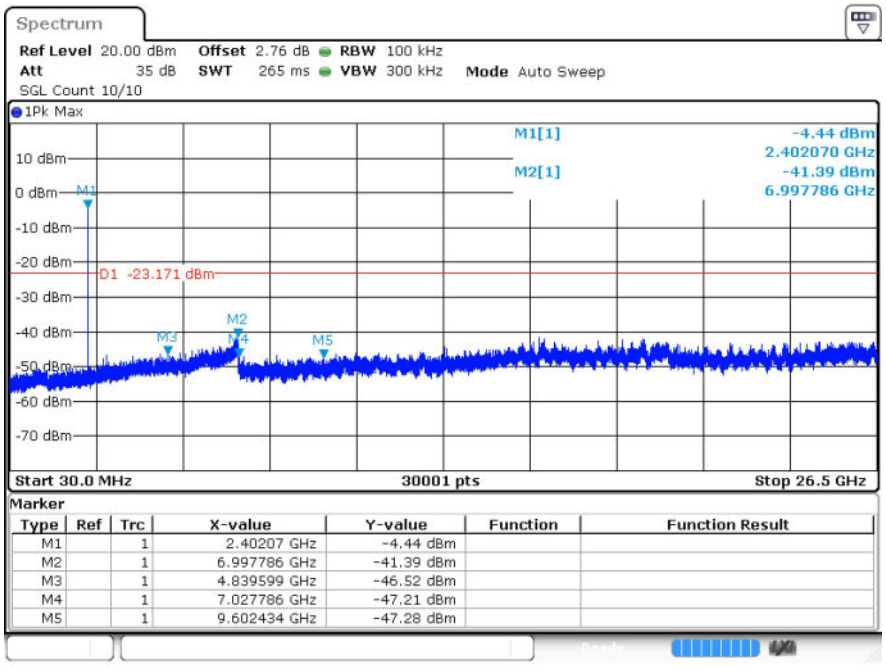
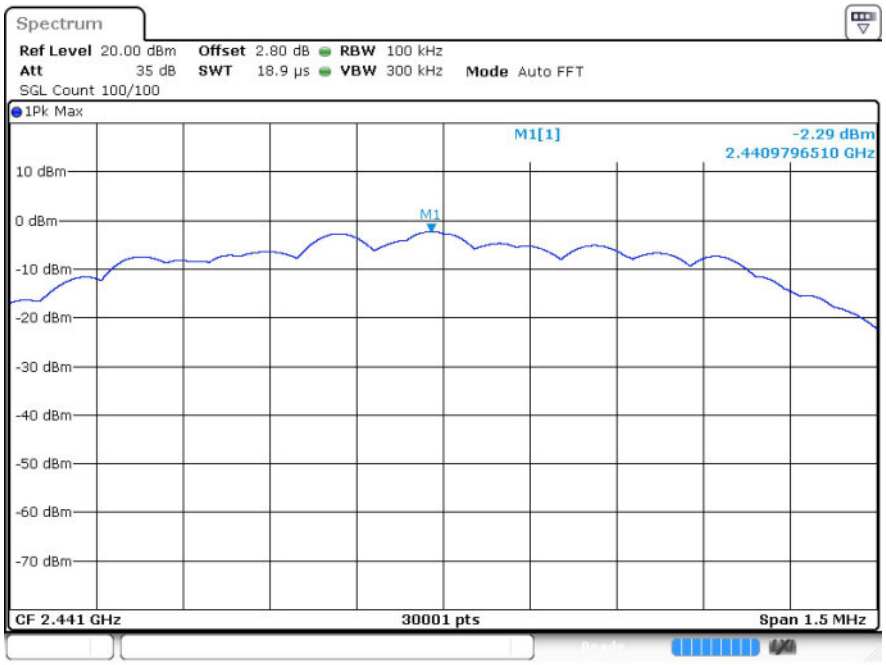
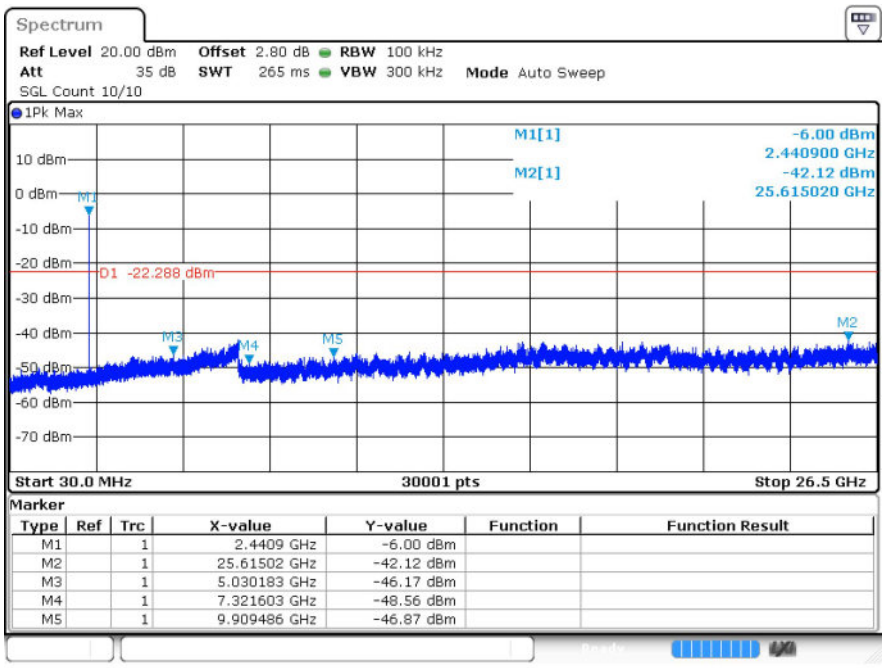
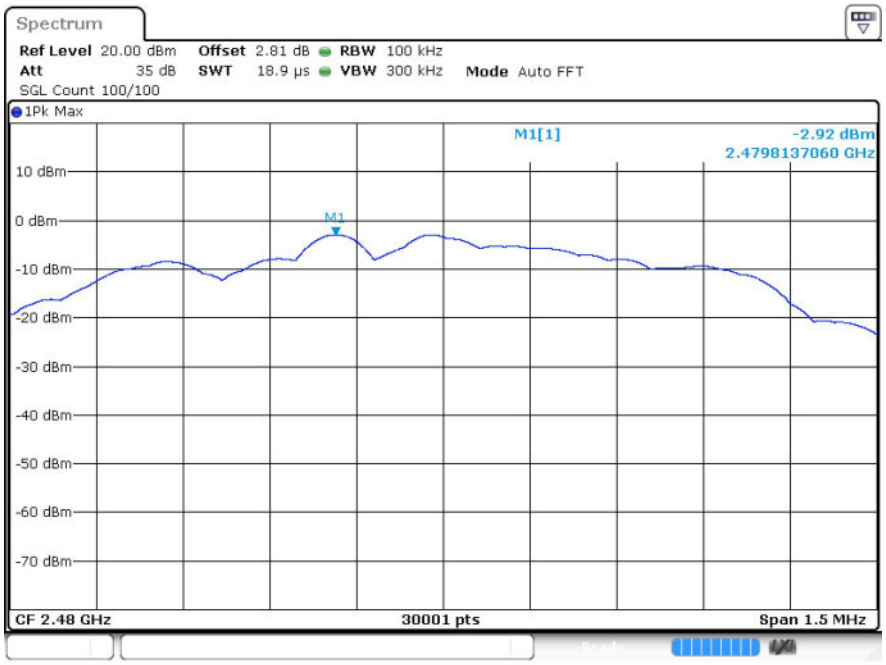
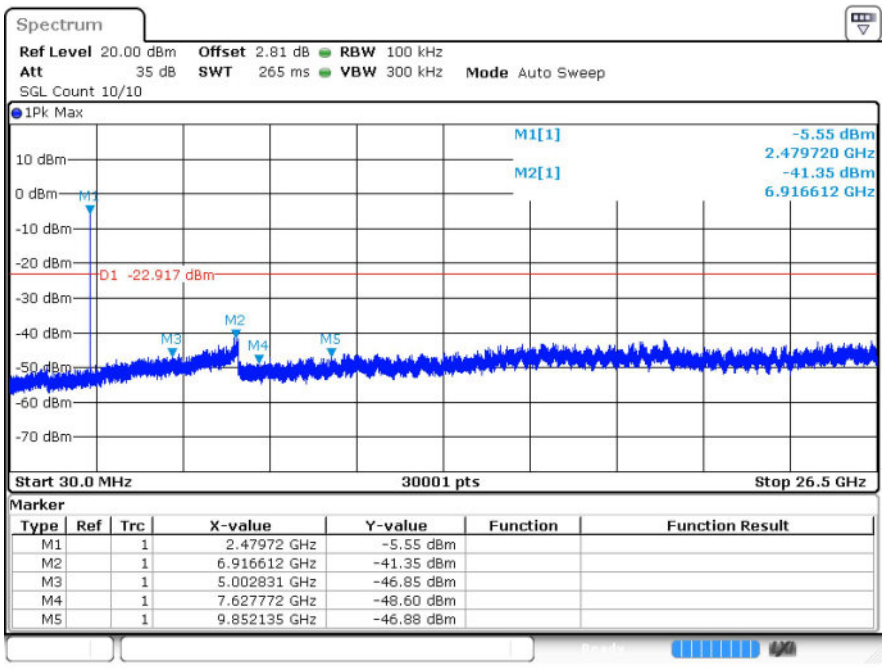
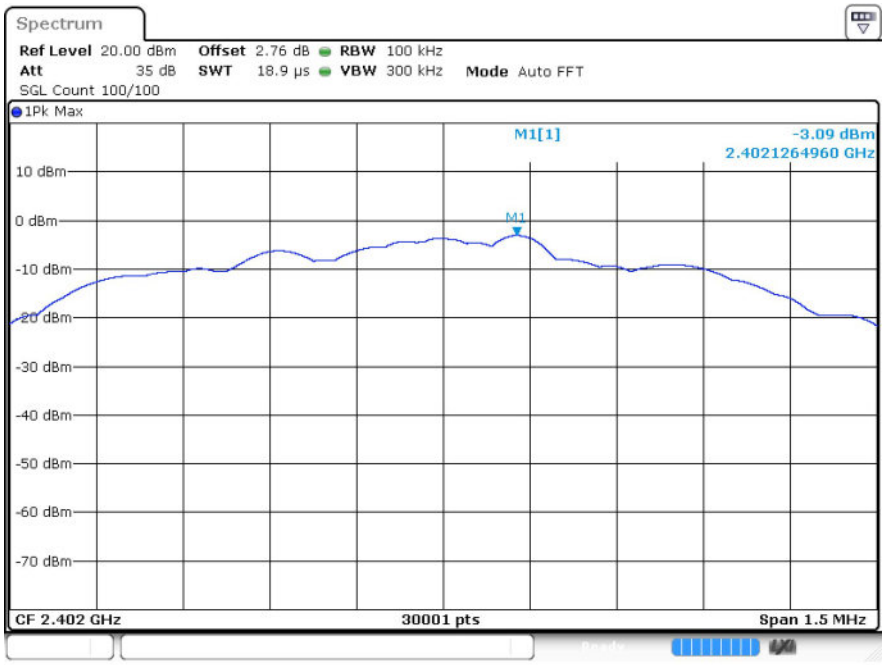
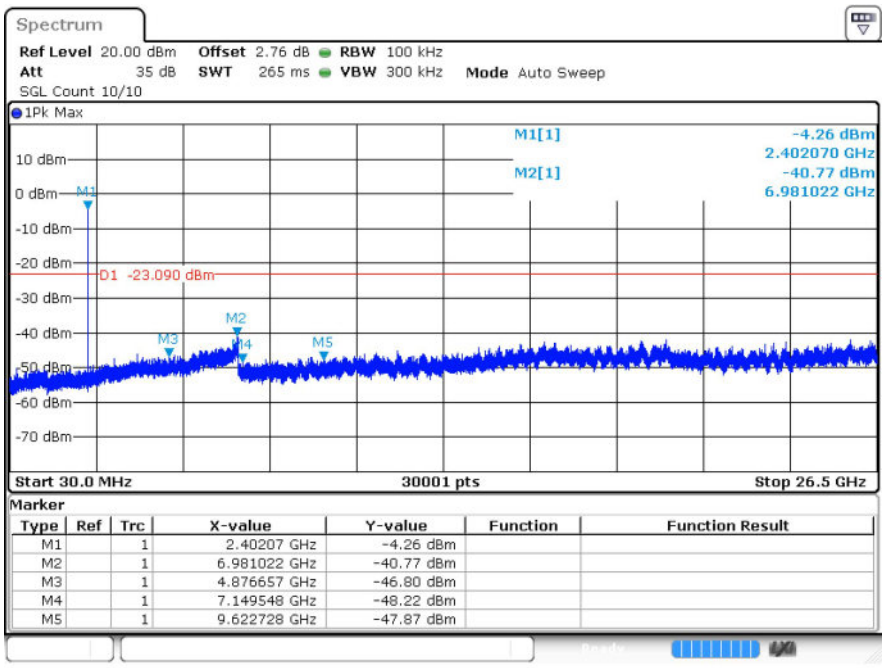
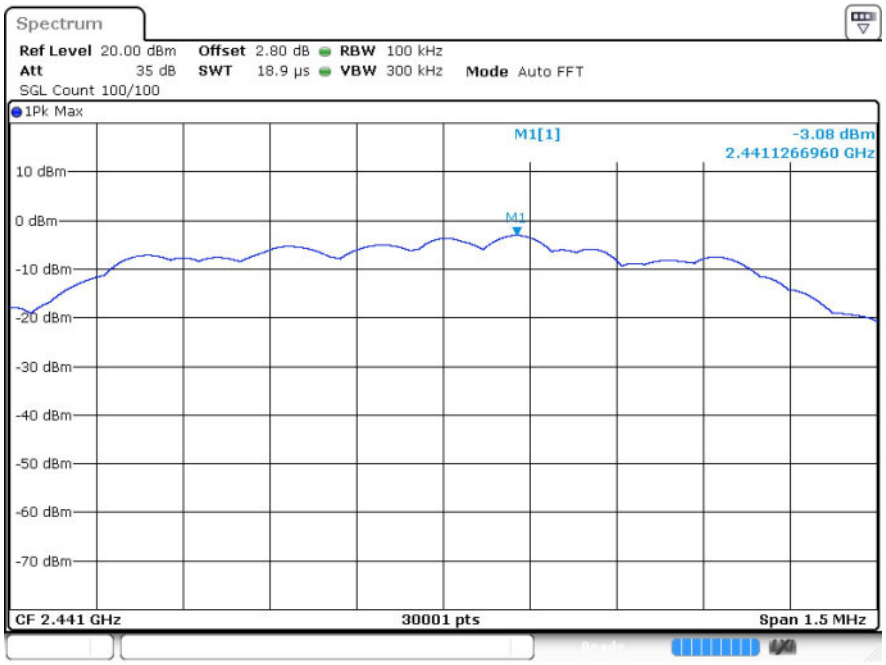
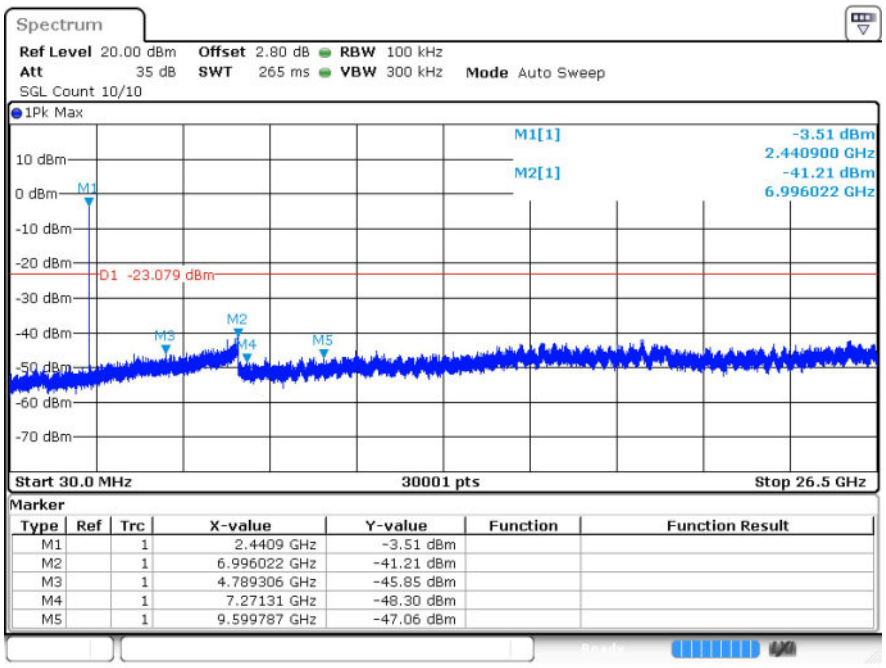
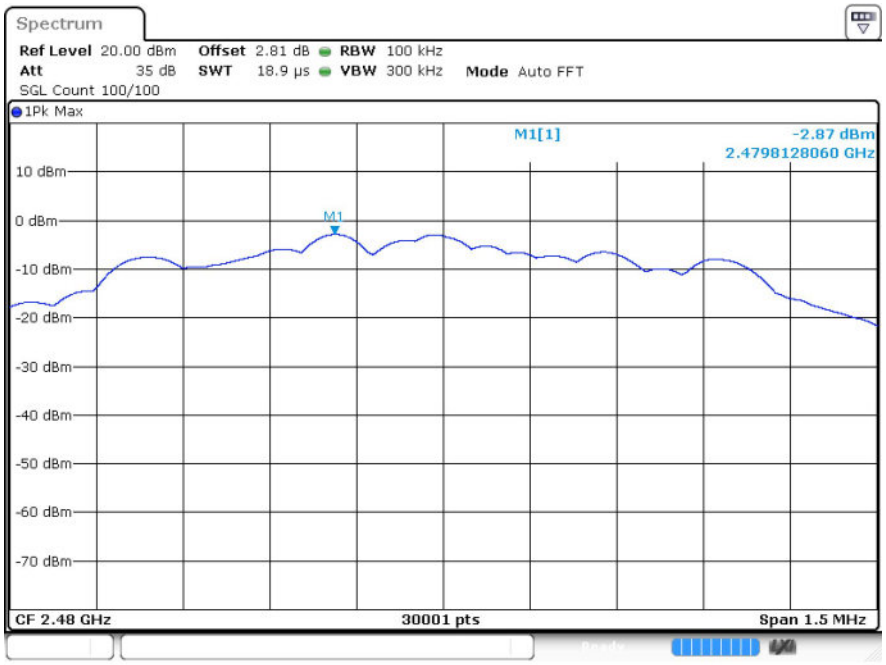
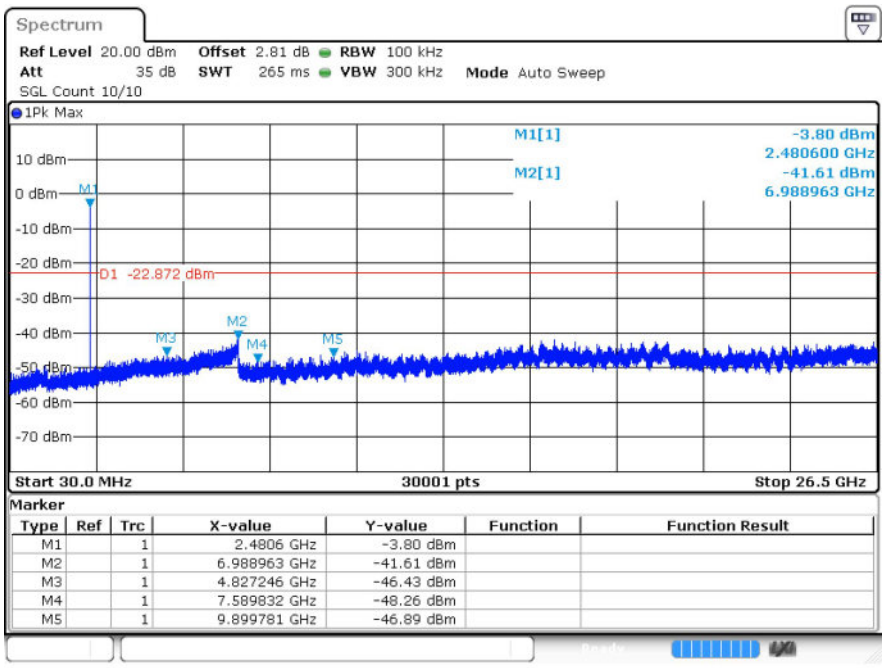
π/4DQPSK_LCH_Graphs	
Pref	
Puw	

π/4DQPSK_MCH_Graphs	
Pref	
Puw	

π/4DQPSK_HCH_Graphs	
Pref	
Puw	

8DPSK_LCH_Graphs	
Pref	
Puw	 Marker Type | Ref | Trc | X-value | Y-value | Function | Function Result M1 | 1 | 2.40207 GHz | -4.26 dBm M2 | 1 | 6.981022 GHz | -40.77 dBm M3 | 1 | 4.876657 GHz | -46.80 dBm M4 | 1 | 7.149548 GHz | -48.22 dBm M5 | 1 | 9.622728 GHz | -47.87 dBm

8DPSK_MCH_Graphs	
Pref	
Puw	

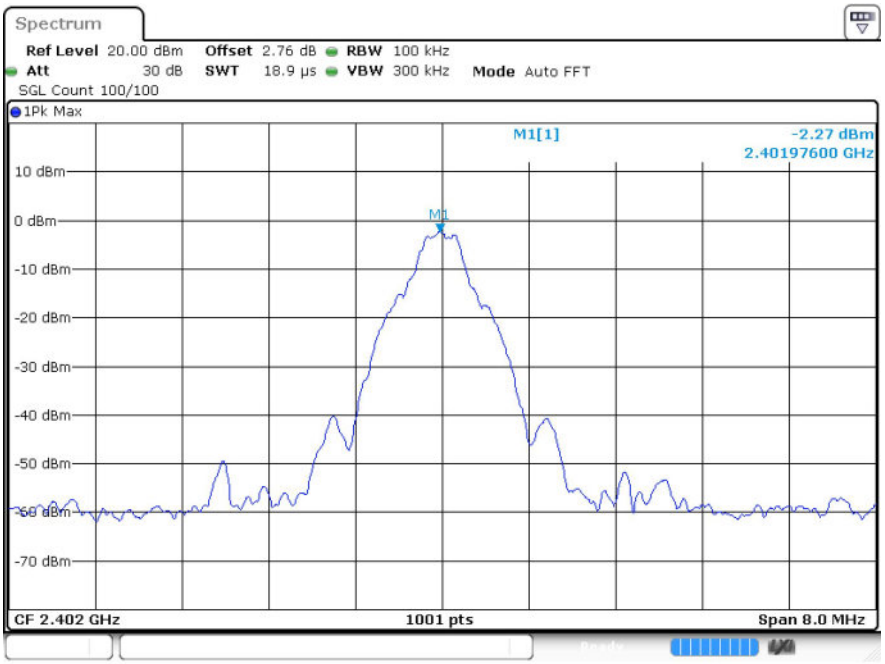
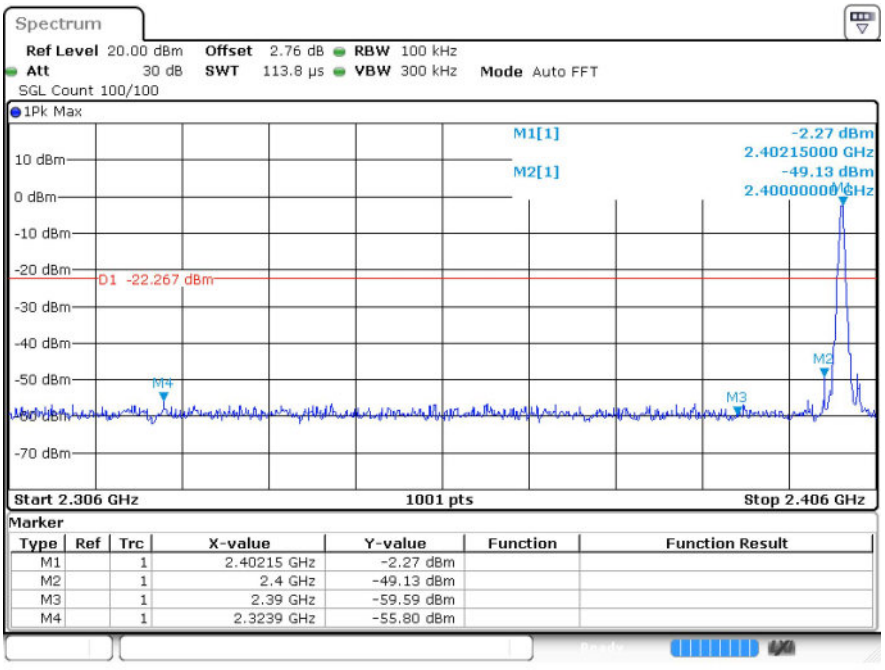
8DPSK_HCH_Graphs	
Pref	
Puw	

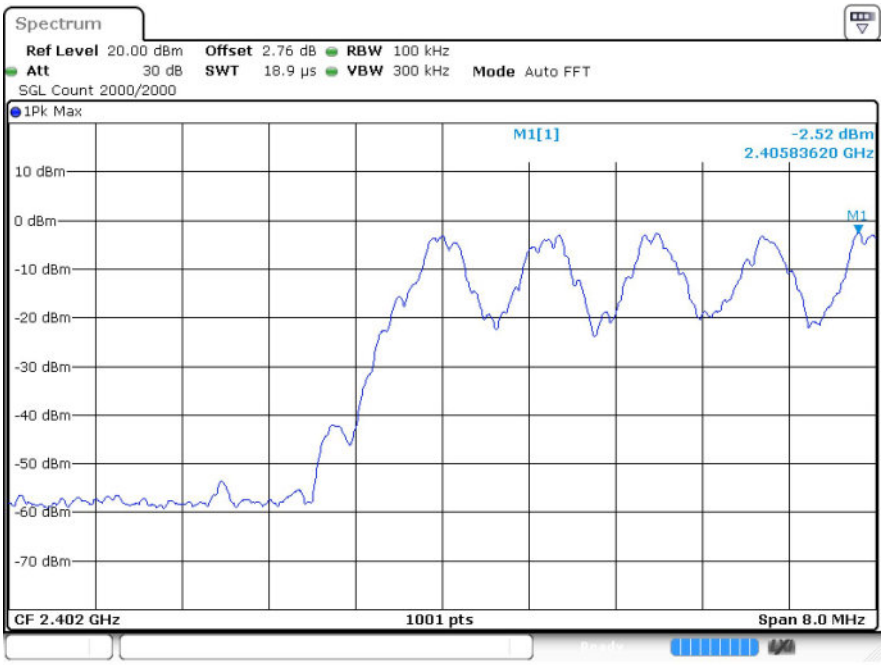
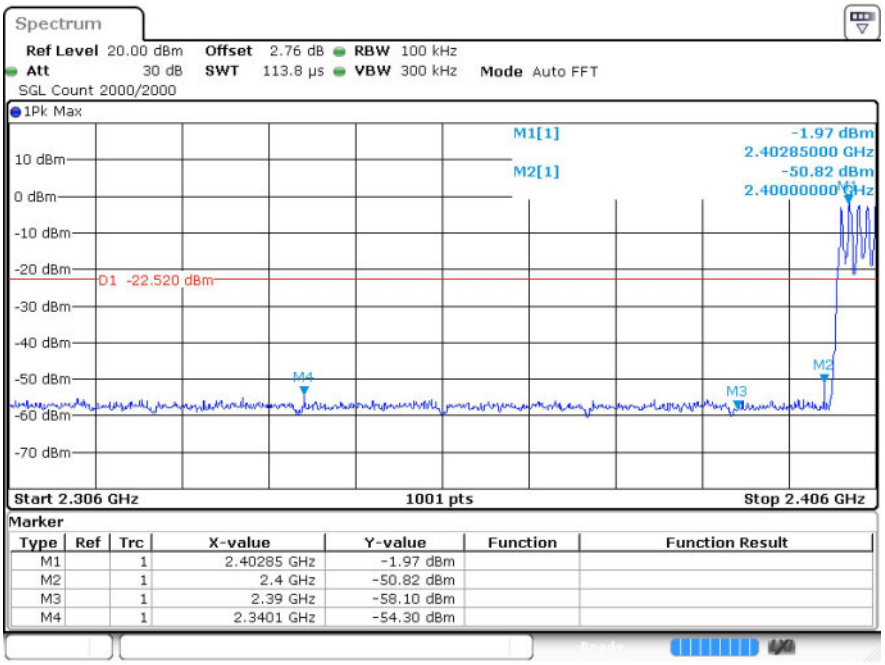
8 Band-edge for RF Conducted Emissions

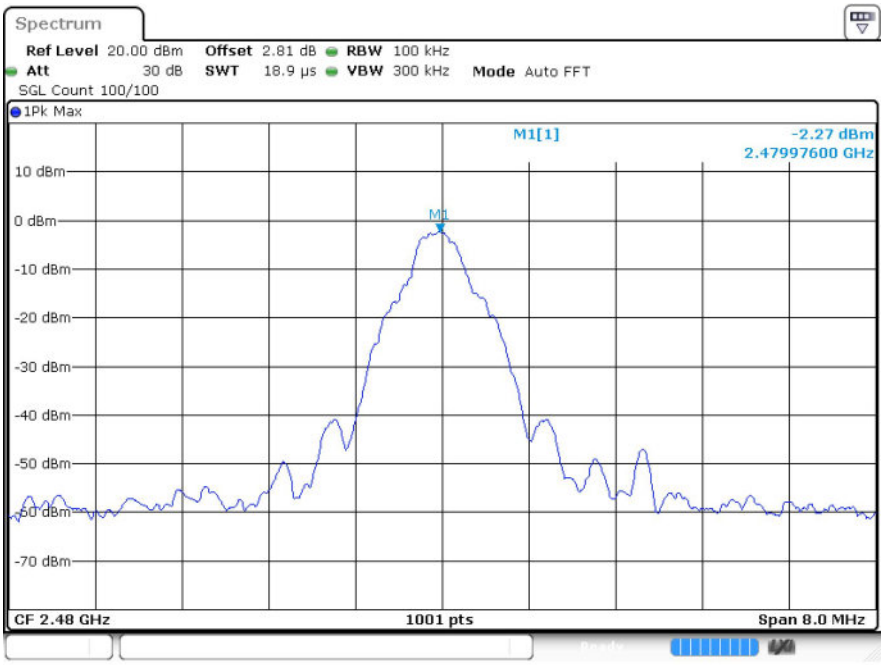
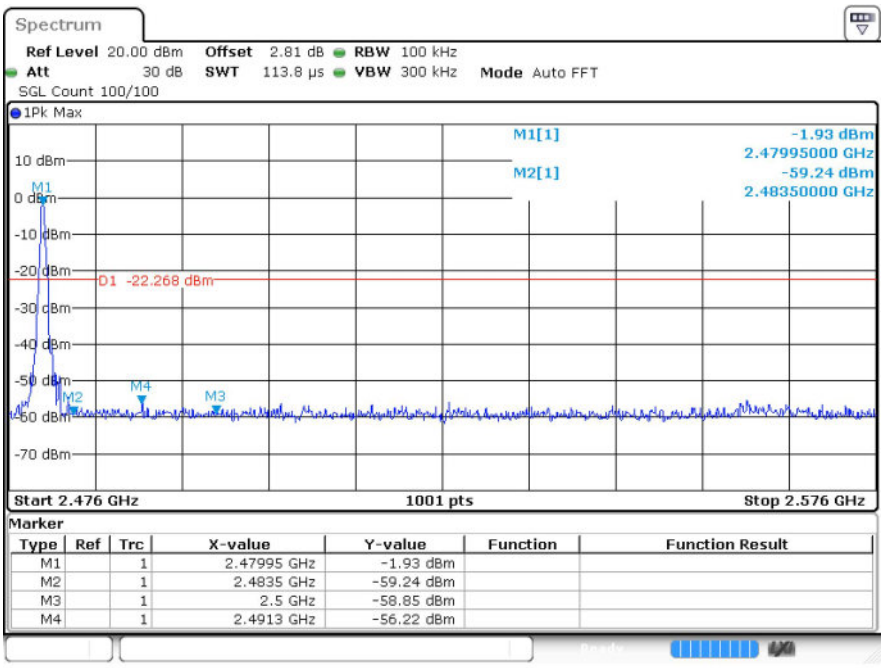
8.1 Test Result

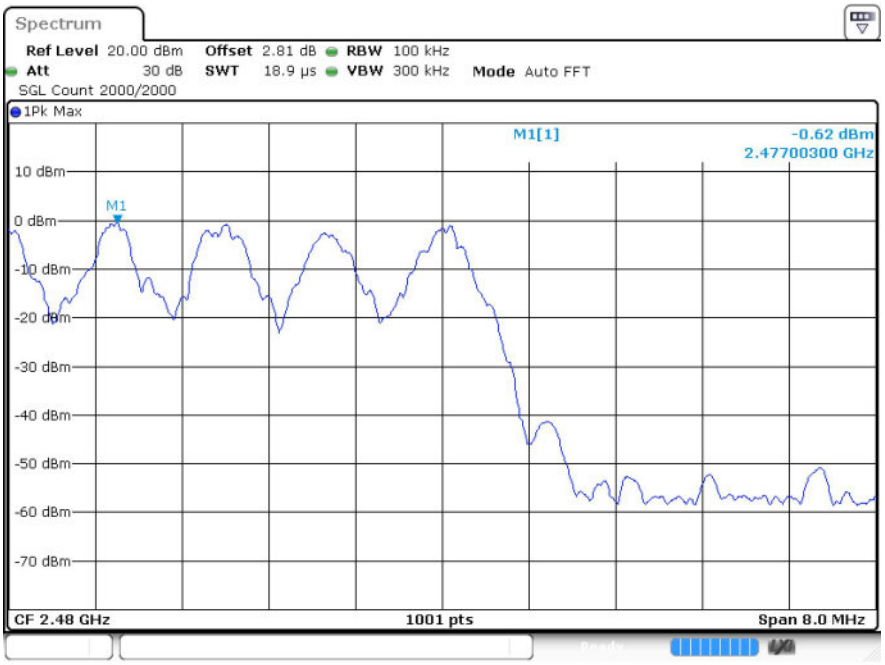
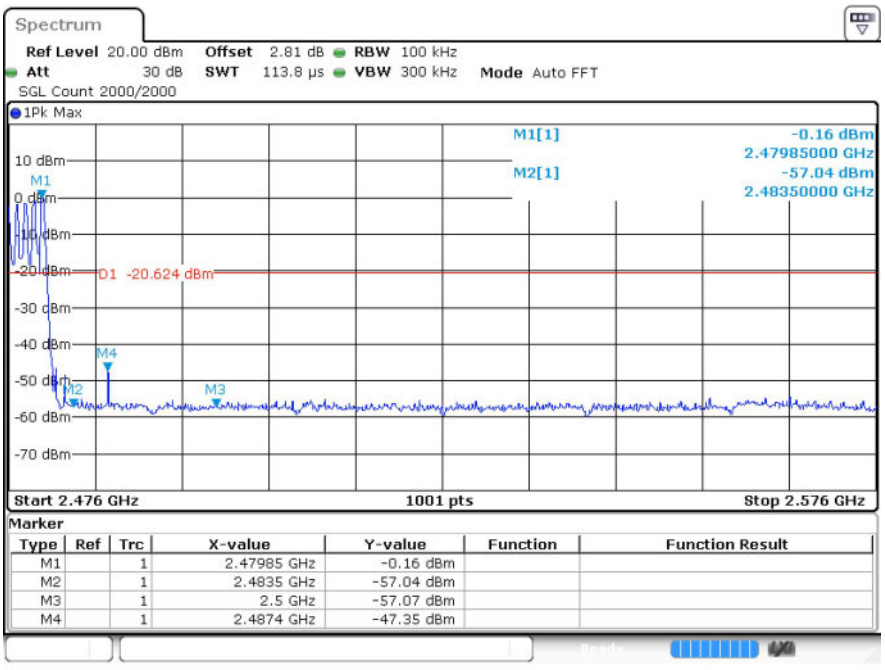
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-53.53	-20	Pass
			On	-51.77	-20	Pass
	HCH	2480	Off	-53.95	-20	Pass
			On	-46.72	-20	Pass
π/4DQPSK	LCH	2402	Off	-52.99	-20	Pass
			On	-51.12	-20	Pass
	HCH	2480	Off	-43.83	-20	Pass
			On	-46.77	-20	Pass
8DPSK	LCH	2402	Off	-51.45	-20	Pass
			On	-49.85	-20	Pass
	HCH	2480	Off	-52.03	-20	Pass
			On	-44.94	-20	Pass

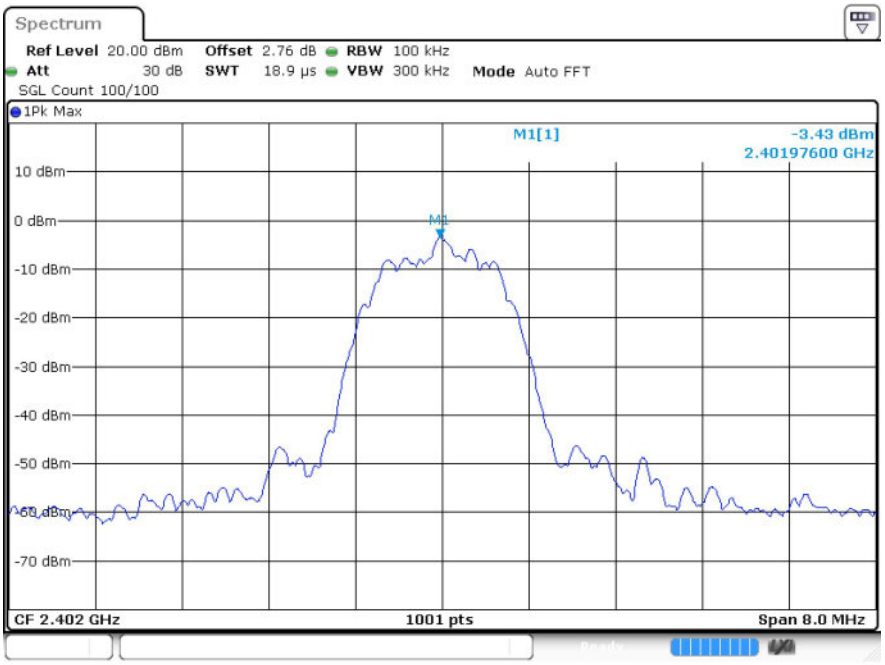
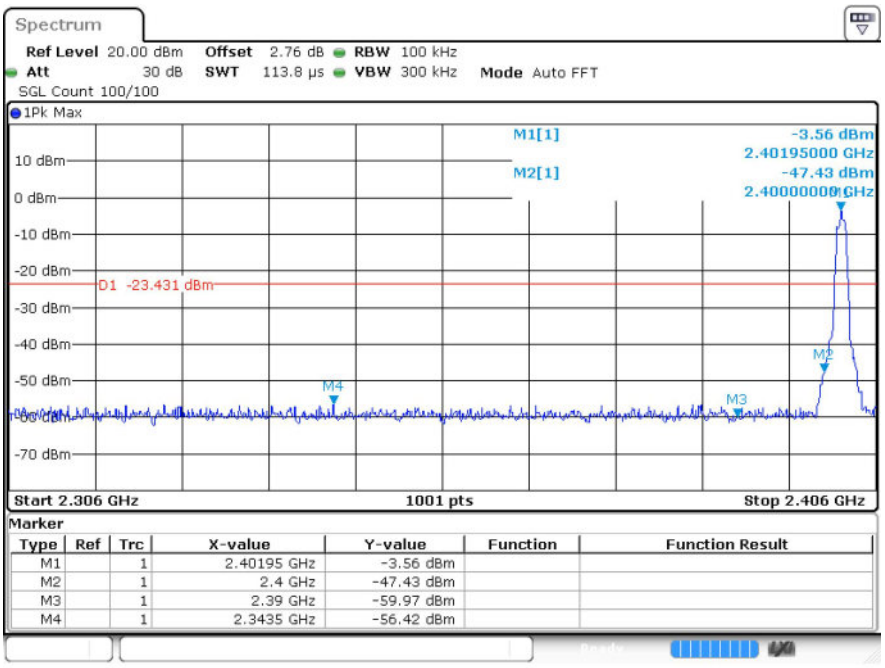
8.2 Test Graphs

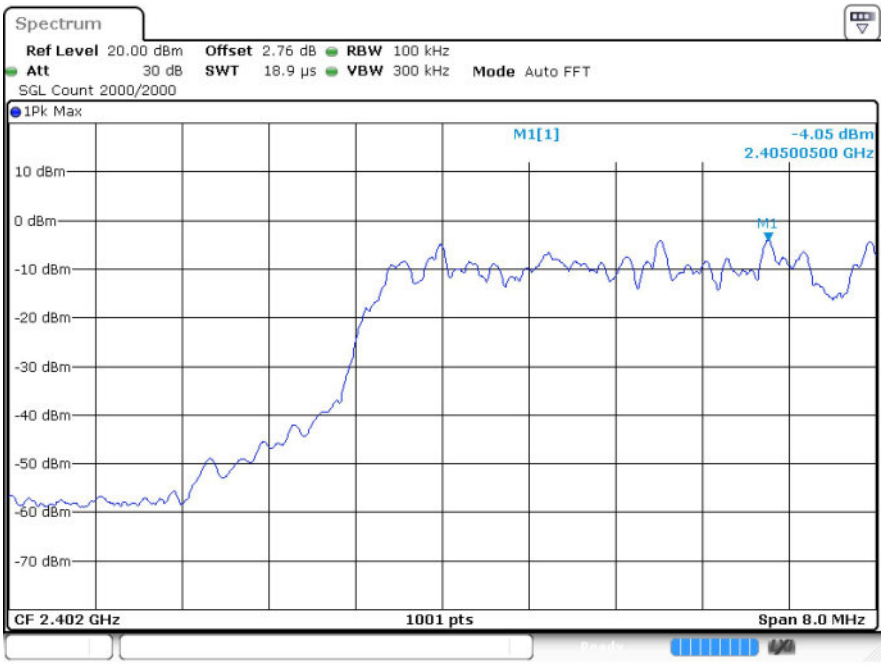
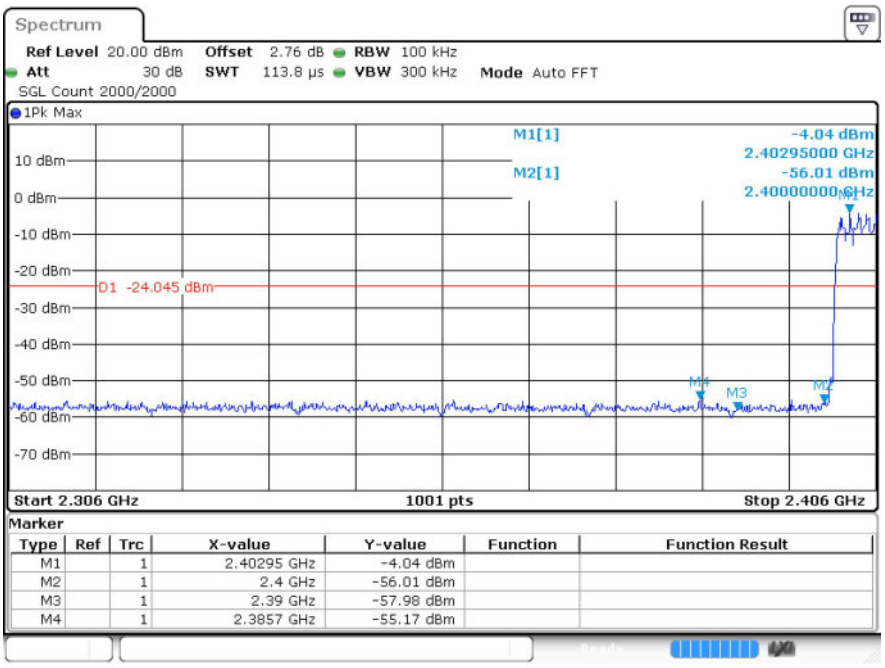
Test Graphs	
Pref	
GFSK/LCH/No Hop	

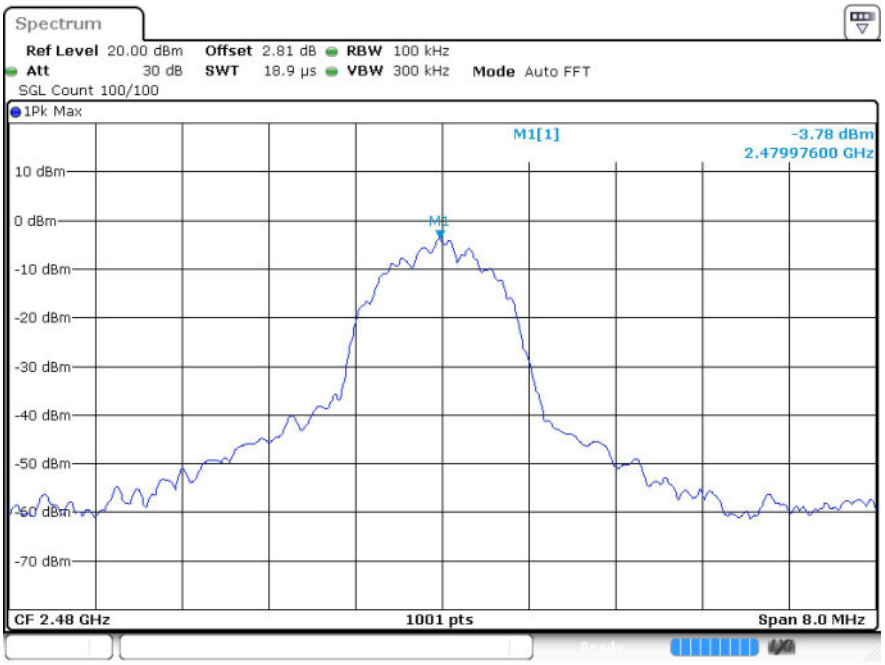
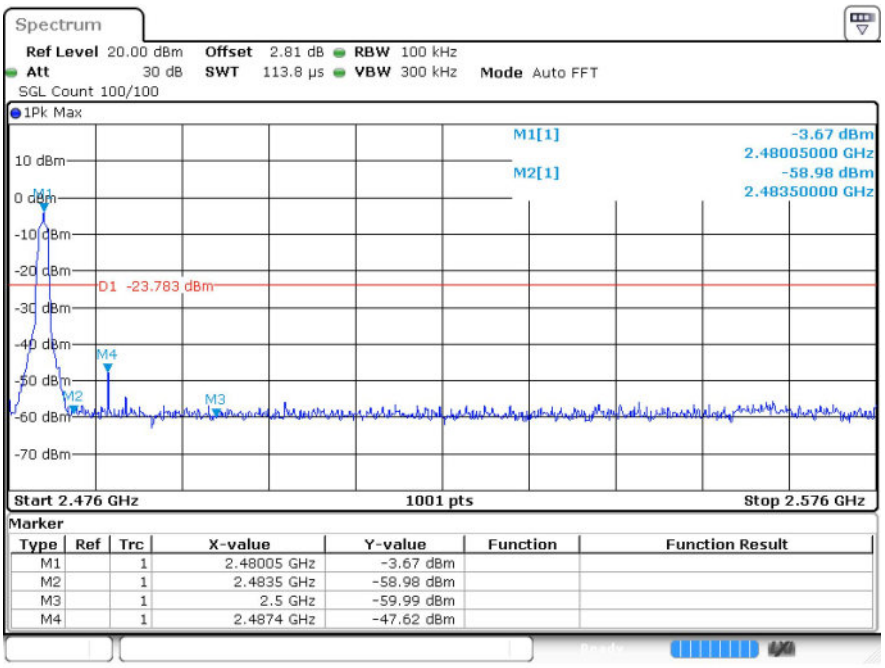
Ref	
GFSK/LCH/Hop	 Marker Type | Ref | Trc | X-value | Y-value | Function | Function Result M1 | | 1 | 2.40285 GHz | -1.97 dBm M2 | | 1 | 2.4 GHz | -50.82 dBm M3 | | 1 | 2.39 GHz | -58.10 dBm M4 | | 1 | 2.3401 GHz | -54.30 dBm

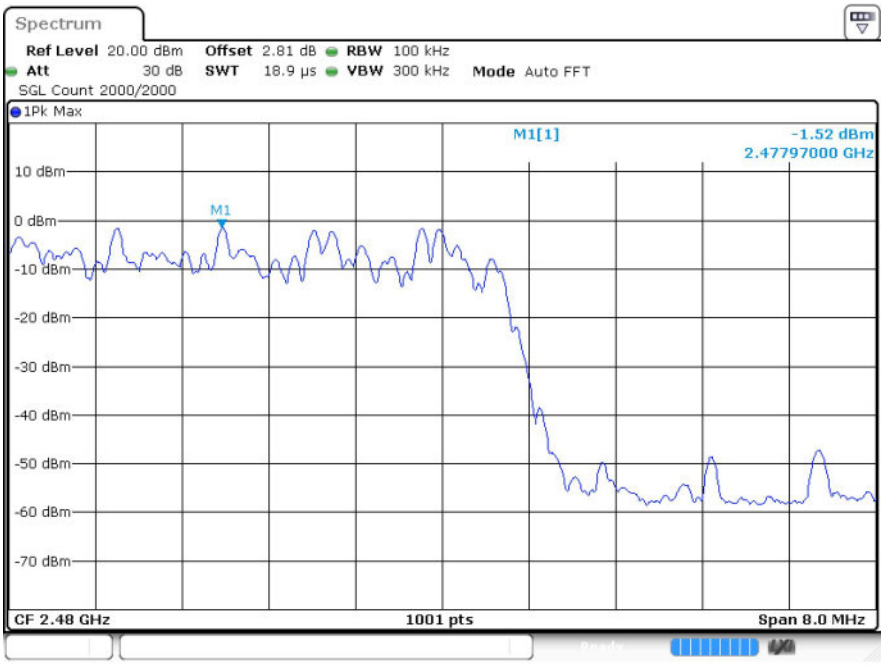
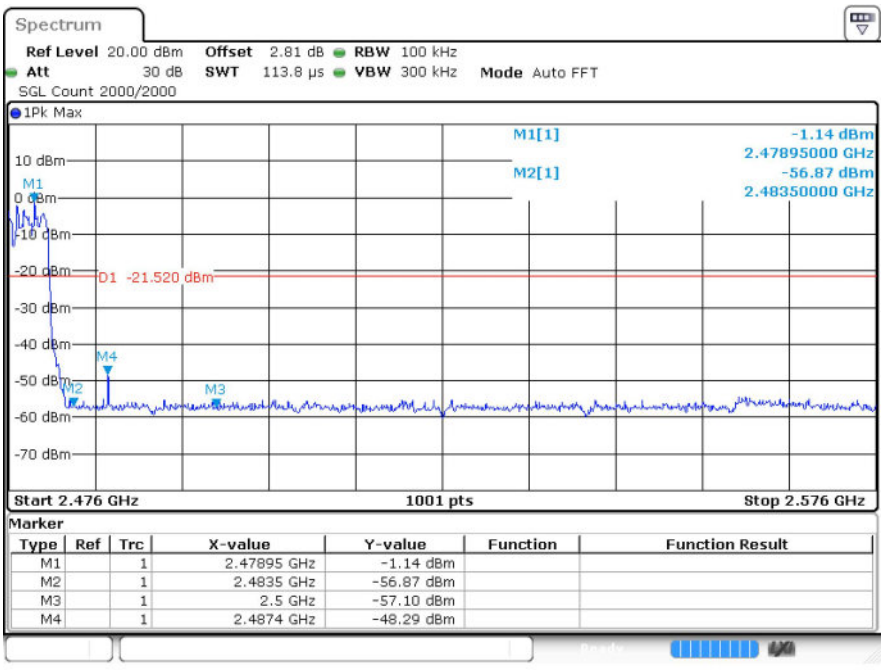
Ref	
GFSK/HCH/No Hop	

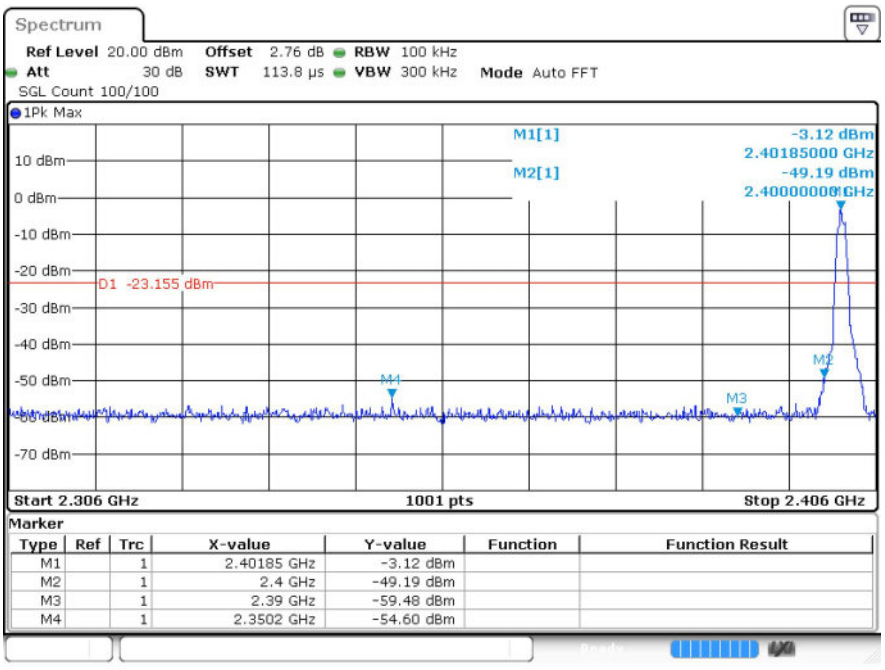
Ref.	
GFSK/HCH/Hop	

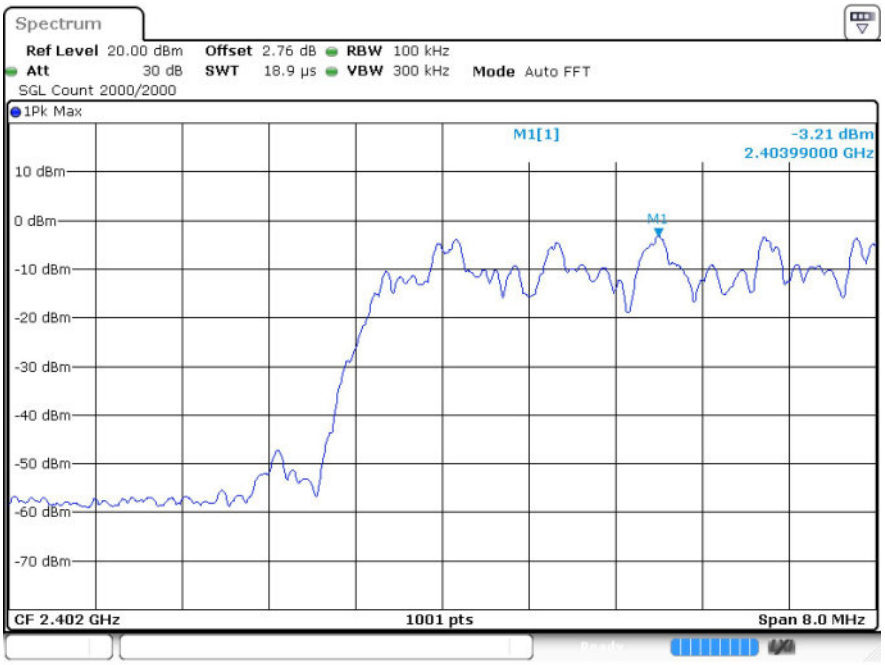
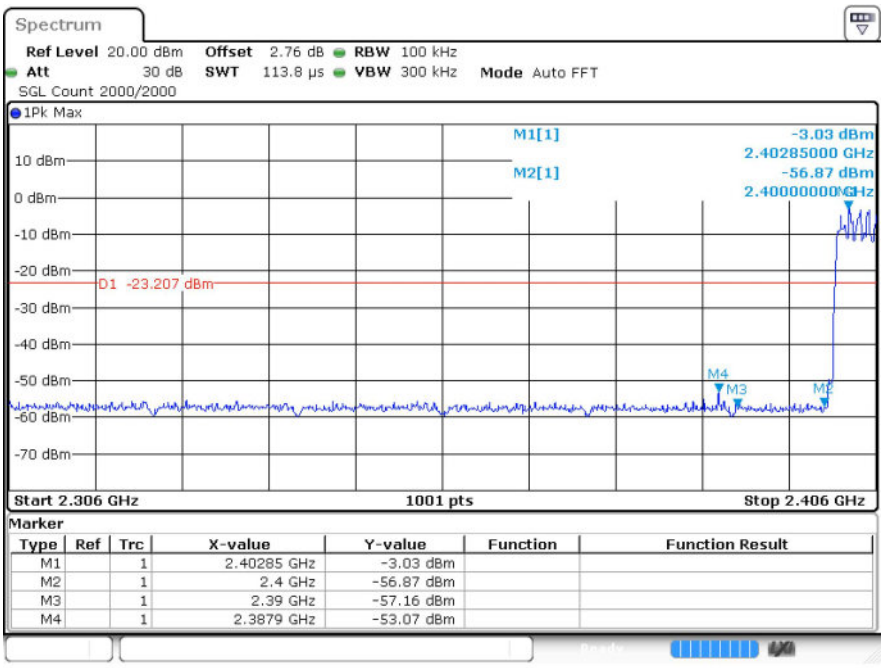
Ref	
π/4DQPSK/LCH/No Hop	 Marker Type Ref Trc X-value Y-value Function Function Result M1 1 2.40195 GHz -3.56 dBm M2 1 2.4 GHz -47.43 dBm M3 1 2.39 GHz -59.97 dBm M4 1 2.3435 GHz -56.42 dBm

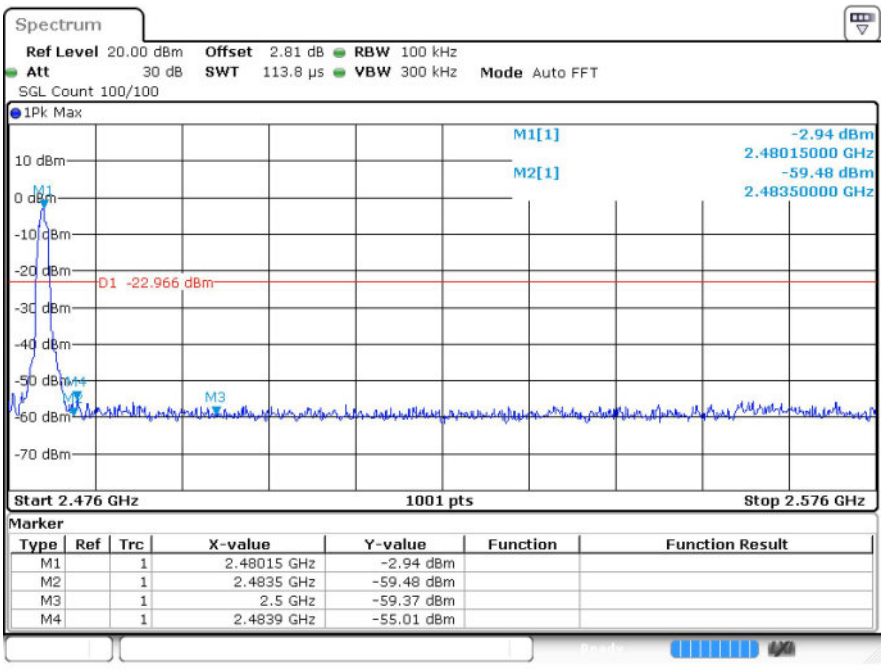
Ref	
π/4DQPSK/LCH/Hop	

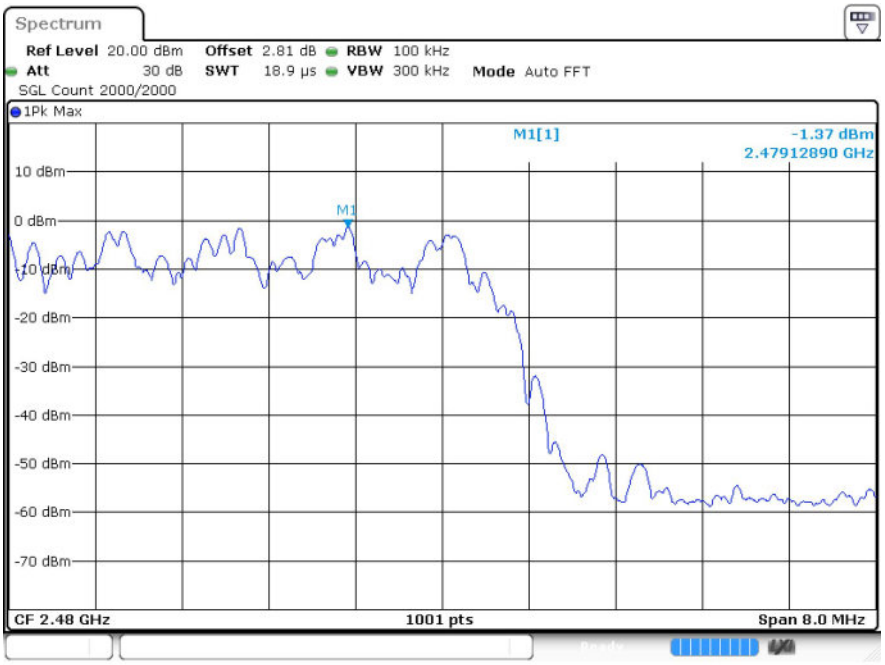
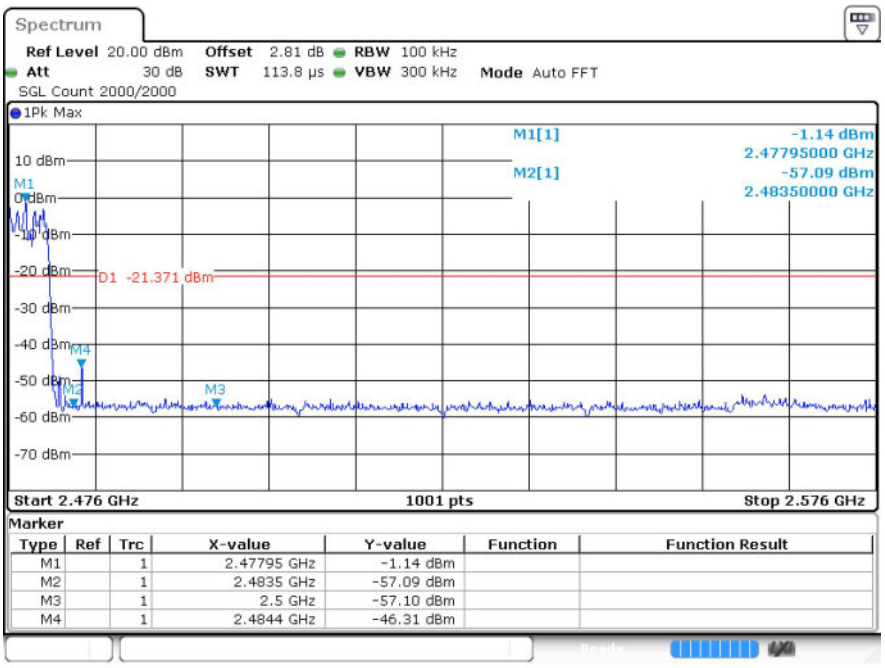
Ref	
π/4DQPSK/HCH/No Hop	

Ref	
π/4DQPSK/HCH/Hop	 Marker Type Ref Trc X-value Y-value Function Function Result M1 1 2.47895 GHz -1.14 dBm M2 1 2.4835 GHz -56.87 dBm M3 1 2.5 GHz -57.10 dBm M4 1 2.4874 GHz -48.29 dBm

Ref	
8DPSK/LCH/No Hop	

Ref	
8DPSK/LCH/Hop	 Marker Type | Ref | Trc | X-value | Y-value | Function | Function Result M1 | | 1 | 2.40285 GHz | -3.03 dBm M2 | | 1 | 2.4 GHz | -56.87 dBm M3 | | 1 | 2.39 GHz | -57.16 dBm M4 | | 1 | 2.3879 GHz | -53.07 dBm

Ref	
8DPSK/HCH/No Hop	

Ref	
8DPSK/HCH/Hop	 Marker Type Ref Trc X-value Y-value Function Function Result M1 1 2.47795 GHz -1.14 dBm M2 1 2.4835 GHz -57.09 dBm M3 1 2.5 GHz -57.10 dBm M4 1 2.4844 GHz -46.31 dBm

9 Restrict-band band-edge measurements

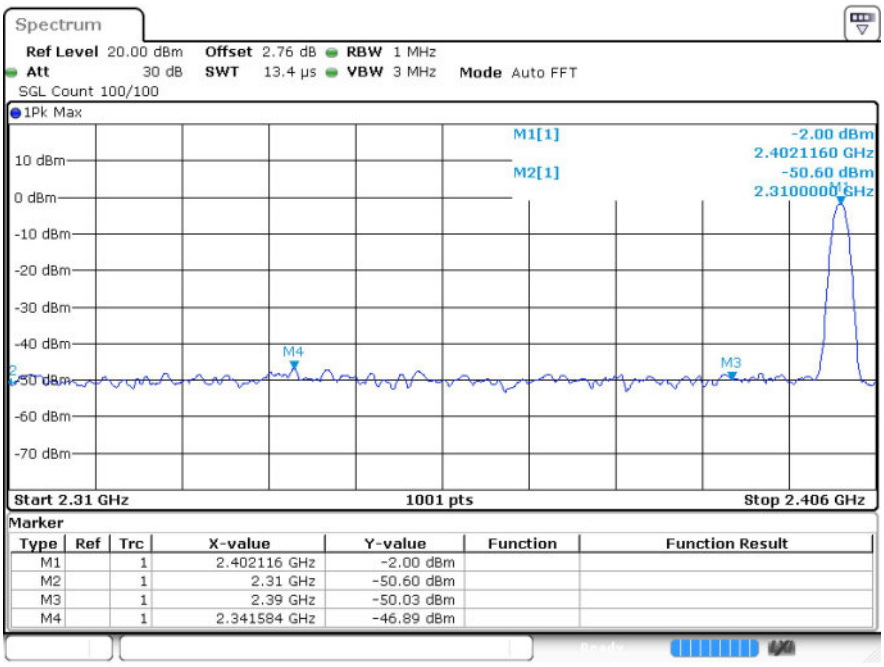
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-50.6	2	-	46.66	PEAK	74	Pass
	Off	2310.0	-56.77	2	4.98	45.47	AV	54	Pass
	Off	2341.584	-46.89	2	-	50.37	PEAK	74	Pass
	Off	2342.16	-54.35	2	4.98	47.89	AV	54	Pass
	Off	2390.0	-50.03	2	-	47.23	PEAK	74	Pass
	Off	2390.0	-57.74	2	4.98	44.5	AV	54	Pass
	Off	2483.5	-49.96	2	-	47.3	PEAK	74	Pass
	Off	2483.5	-56.9	2	5.06	45.42	AV	54	Pass
	Off	2487.304	-45.12	2	-	52.14	PEAK	74	Pass
	Off	2492.272	-55.74	2	5.06	46.58	AV	54	Pass
	Off	2500.0	-46.87	2	-	50.39	PEAK	74	Pass
	Off	2500.0	-56.4	2	5.06	45.92	AV	54	Pass
π/4DQPSK	Off	2310.0	-49.46	2	-	47.8	PEAK	74	Pass
	Off	2310.0	-56.99	2	4.95	45.22	AV	54	Pass
	Off	2349.744	-47.19	2	-	50.07	PEAK	74	Pass
	Off	2338.704	-54.64	2	4.95	47.57	AV	54	Pass
	Off	2390.0	-49.98	2	-	47.28	PEAK	74	Pass
	Off	2390.0	-56.37	2	4.95	45.84	AV	54	Pass
	Off	2483.5	-47.05	2	-	50.21	PEAK	74	Pass
	Off	2483.5	-56.64	2	4.95	45.57	AV	54	Pass
	Off	2495.752	-46.78	2	-	50.48	PEAK	74	Pass
	Off	2484.352	-55.59	2	4.95	46.62	AV	54	Pass
	Off	2500.0	-49.85	2	-	47.41	PEAK	74	Pass
	Off	2500.0	-56.87	2	4.95	45.34	AV	54	Pass
8DPSK	Off	2310.0	-50.25	2	-	47.01	PEAK	74	Pass
	Off	2310.0	-56.34	2	4.95	45.87	AV	54	Pass
	Off	2342.064	-46.59	2	-	50.67	PEAK	74	Pass
	Off	2340.048	-54.45	2	4.95	47.76	AV	54	Pass

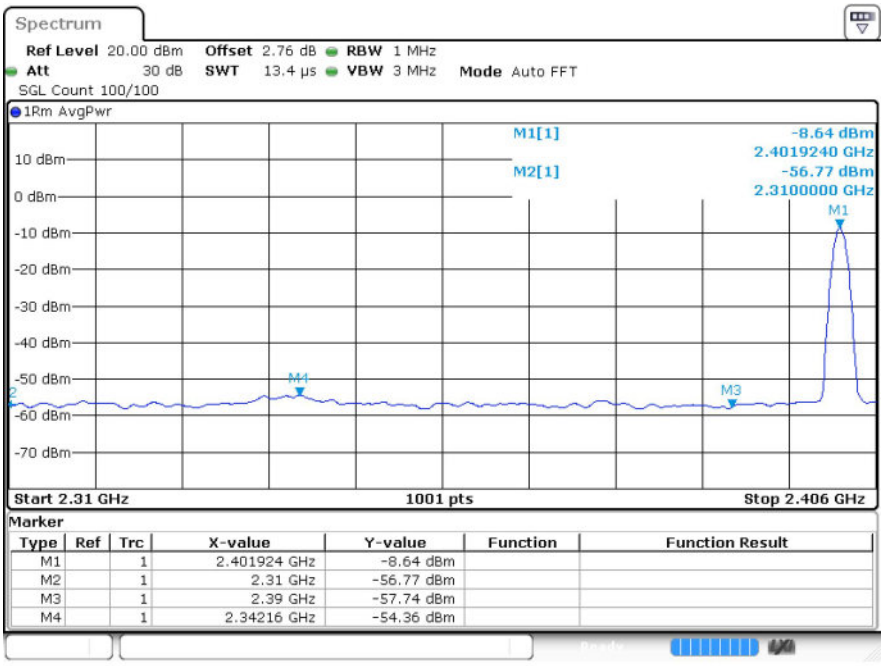
	Off	2390.0	-51.65	2	-	45.61	PEAK	74	Pass
	Off	2390.0	-58.06	2	4.95	44.15	AV	54	Pass
	Off	2483.5	-46.72	2	-	50.54	PEAK	74	Pass
	Off	2483.5	-56.75	2	4.95	45.46	AV	54	Pass
	Off	2483.56	-46.67	2	-	50.59	PEAK	74	Pass
	Off	2489.08	-55.88	2	4.95	46.33	AV	54	Pass
	Off	2500.0	-47.9	2	-	49.36	PEAK	74	Pass
	Off	2500.0	-56.29	2	4.95	45.92	AV	54	Pass

9.2 Test Graphs

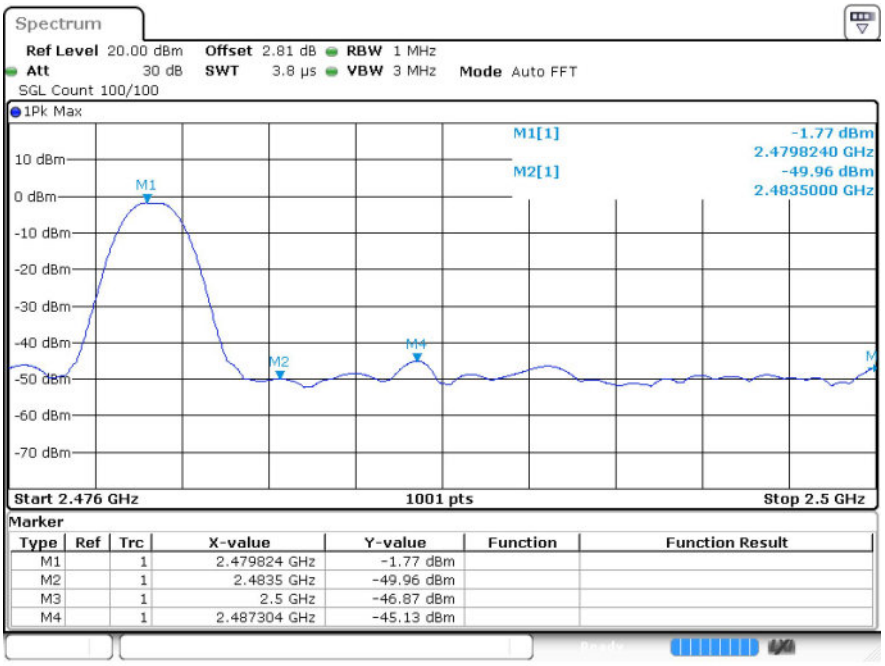
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



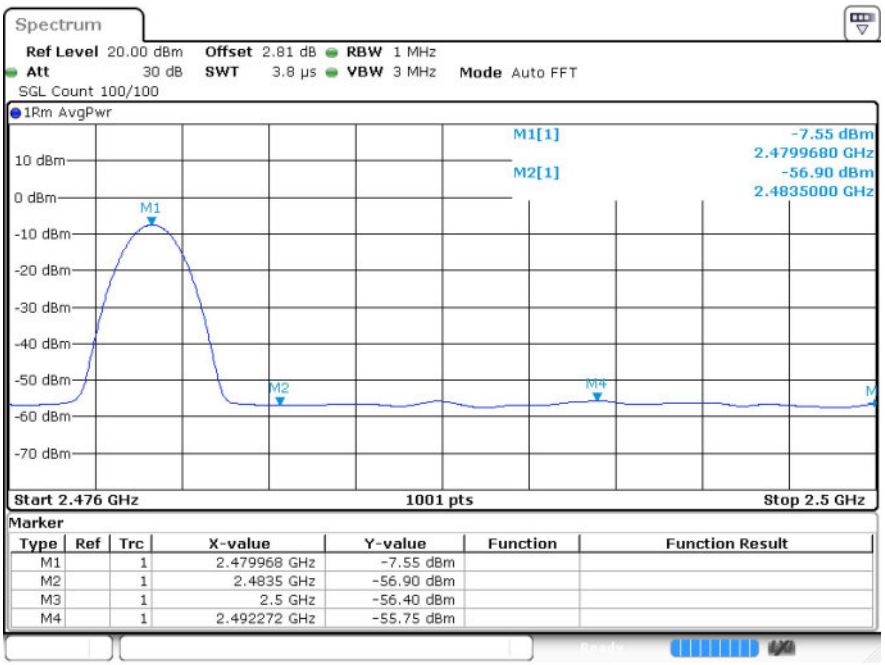
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



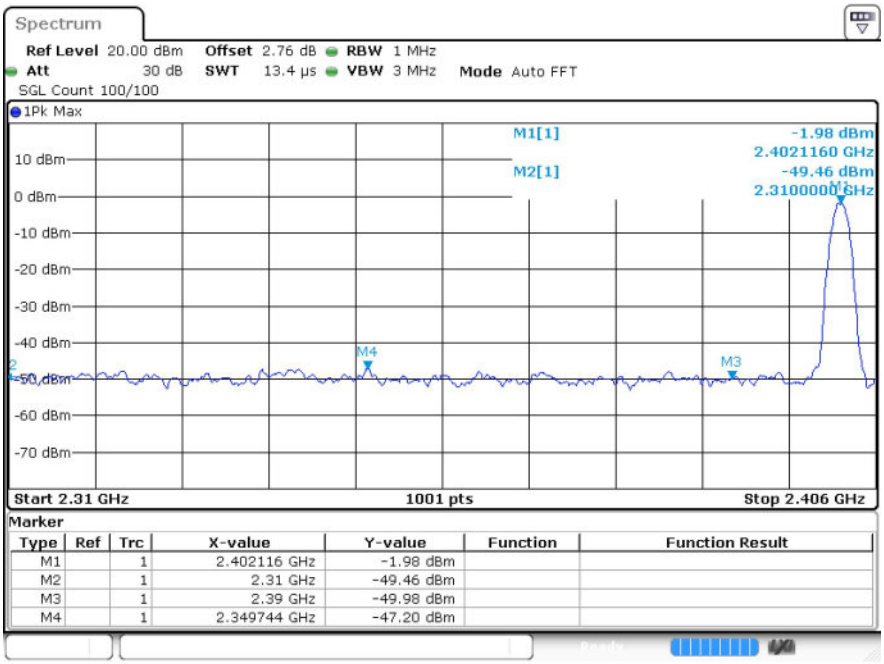
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



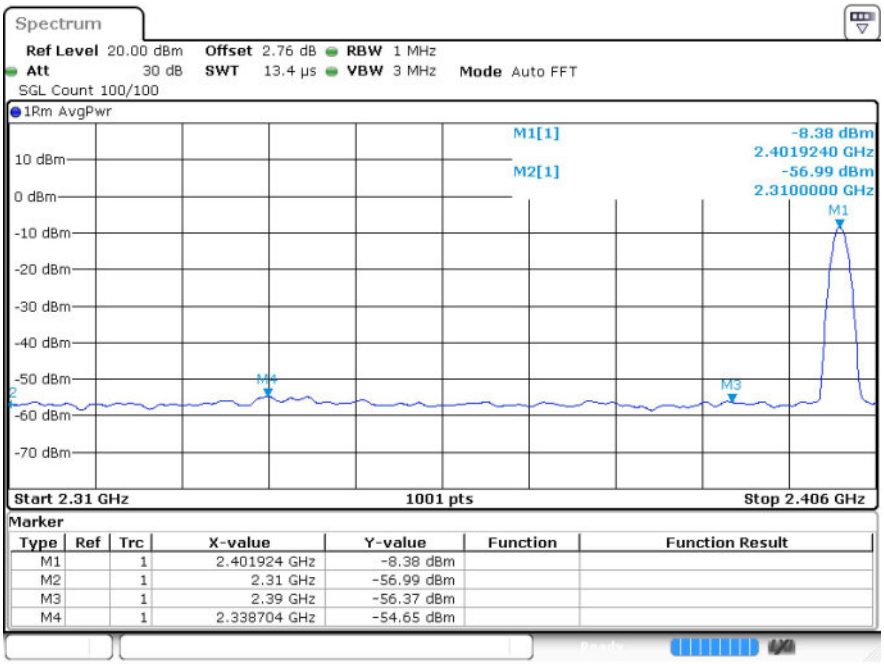
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



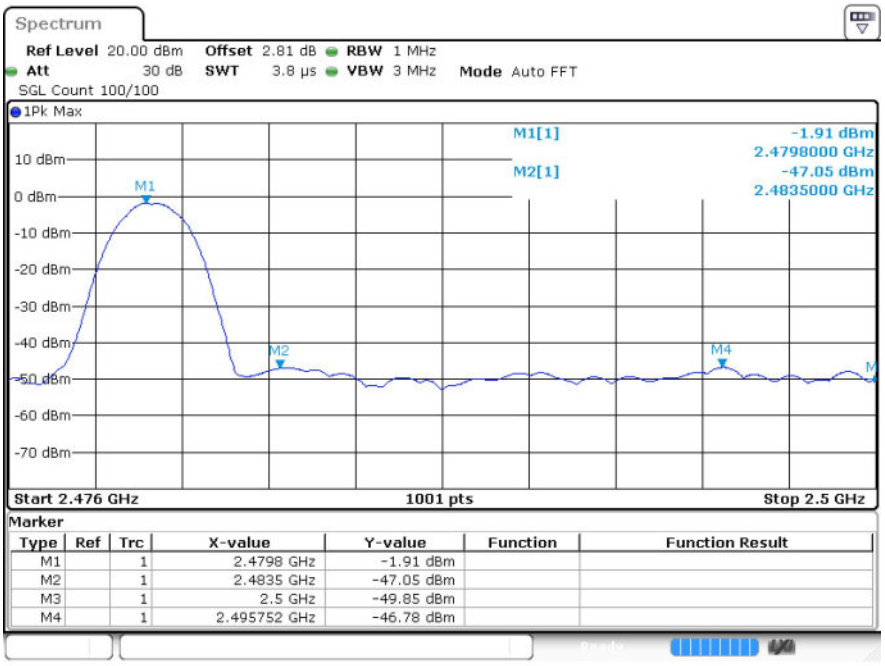
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



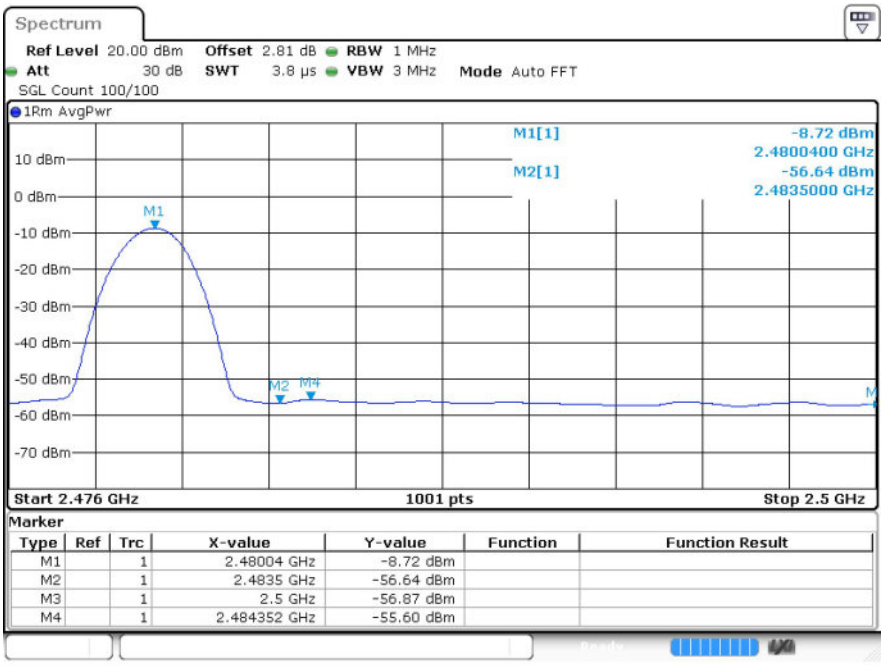
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



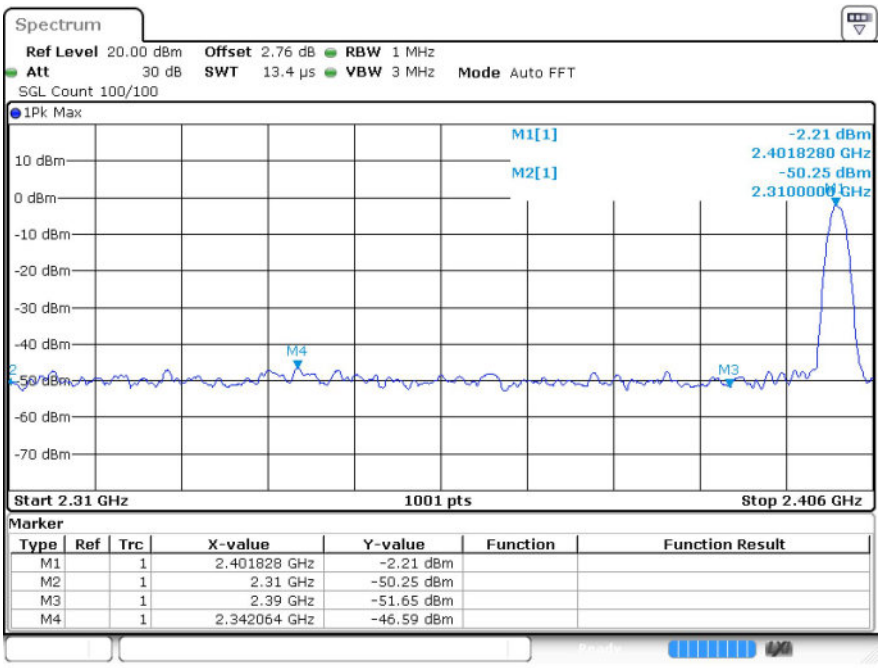
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



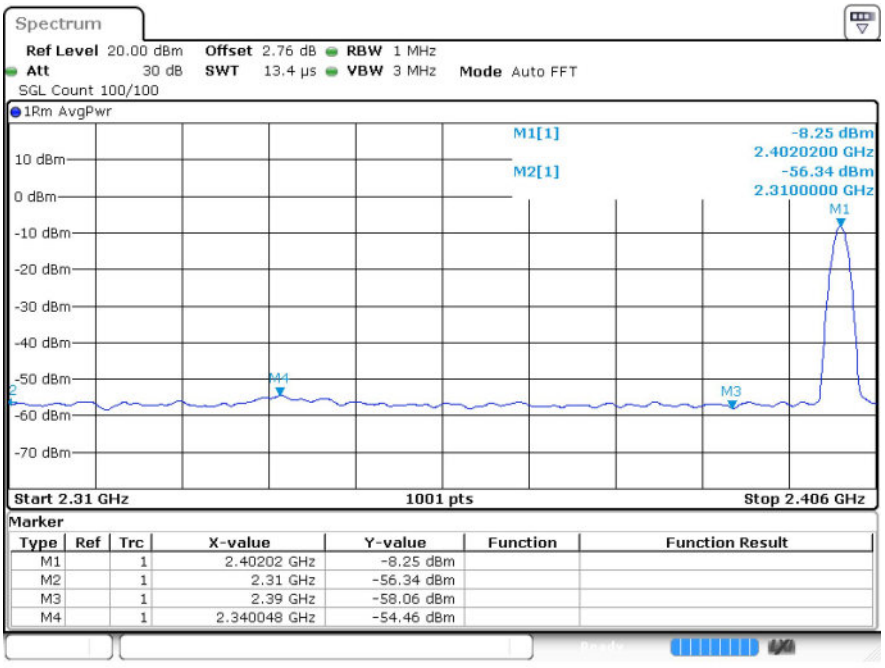
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



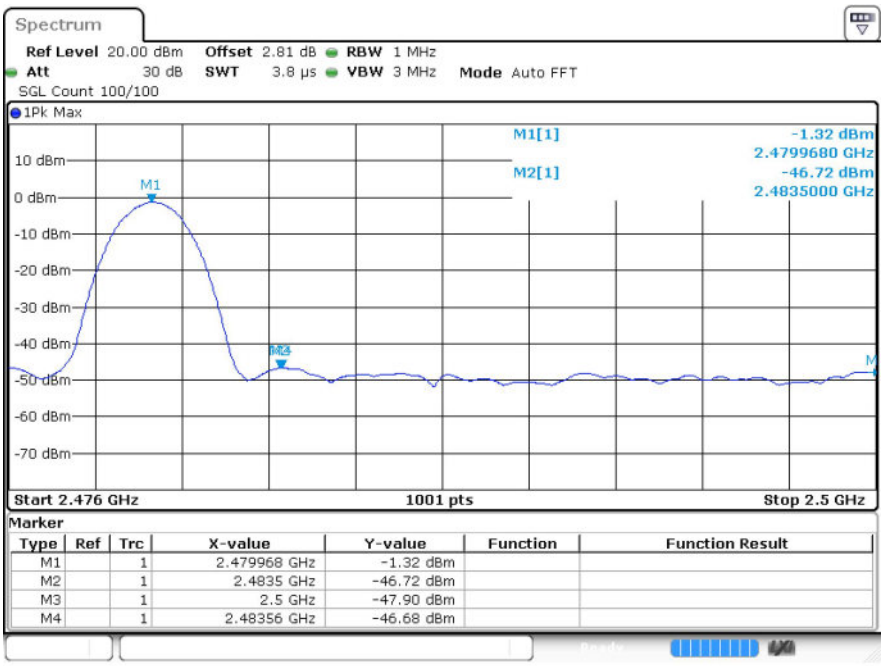
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



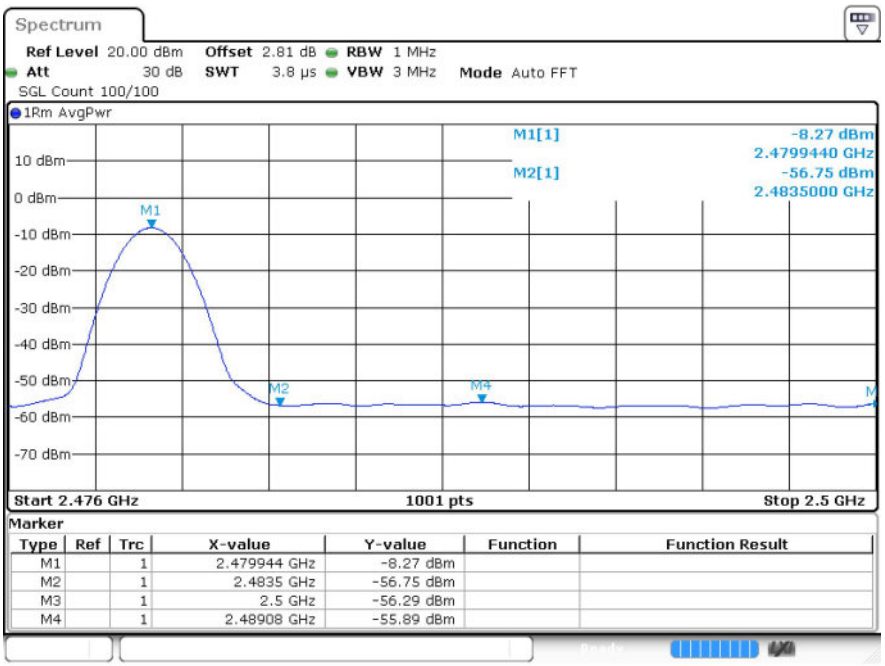
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



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