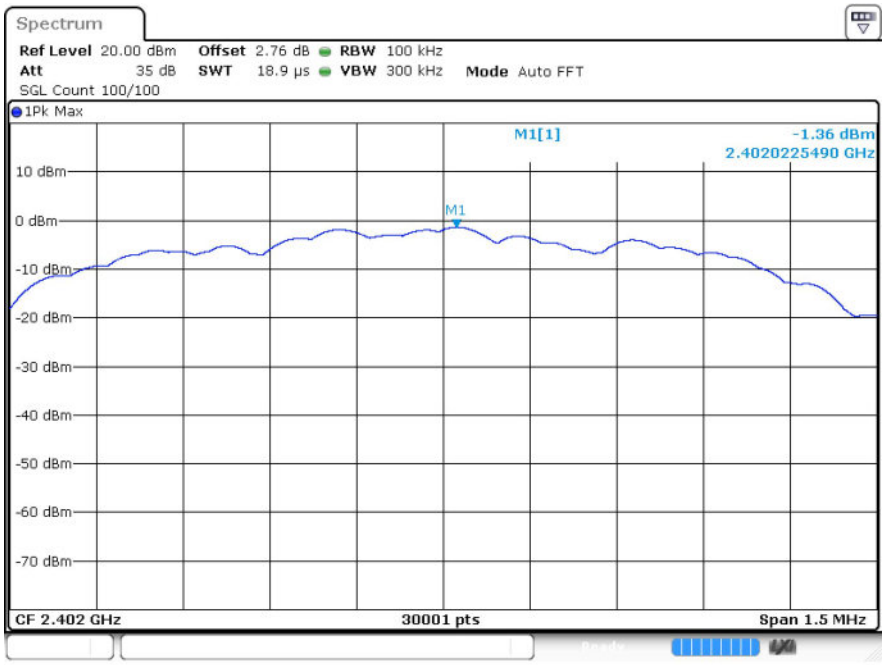
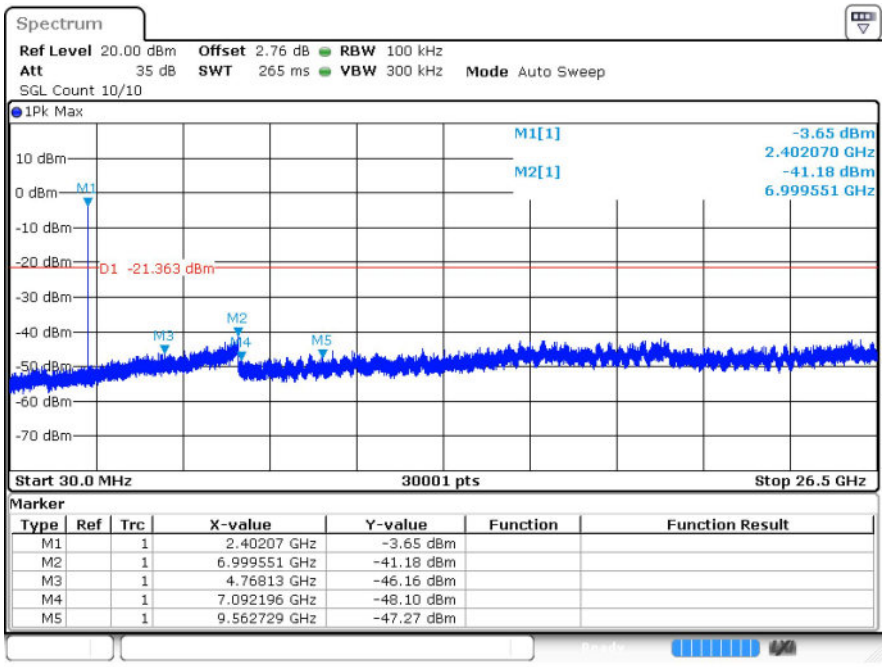
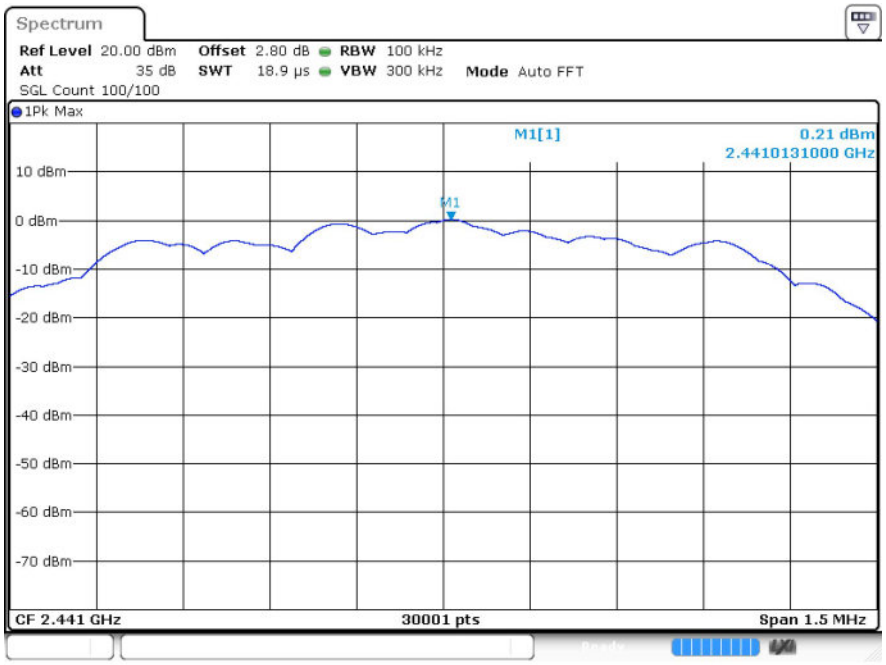
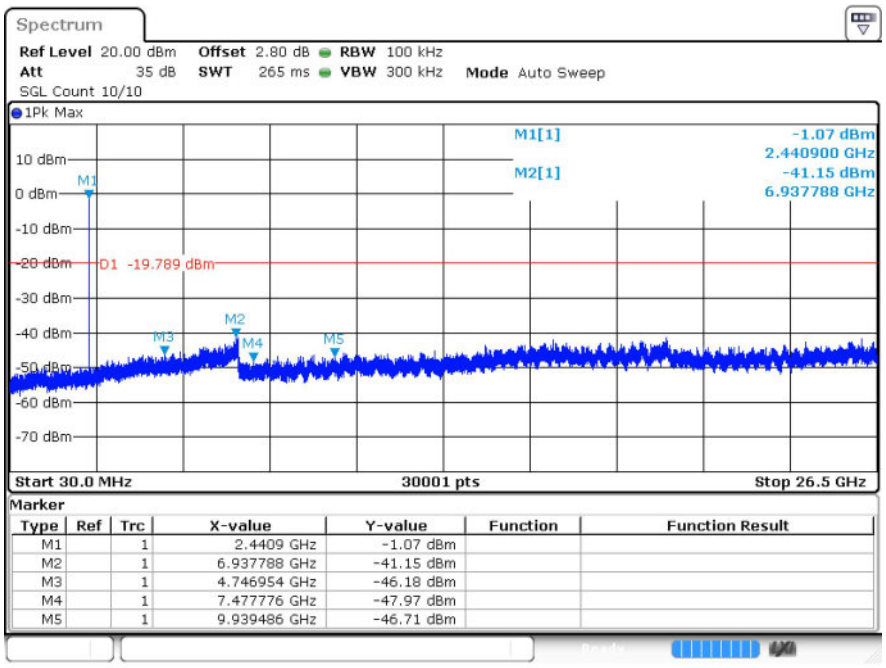
π/4DQPSK_LCH_Graphs	
Pref	
Puw	

π/4DQPSK_MCH_Graphs	
Pref	
Puw	

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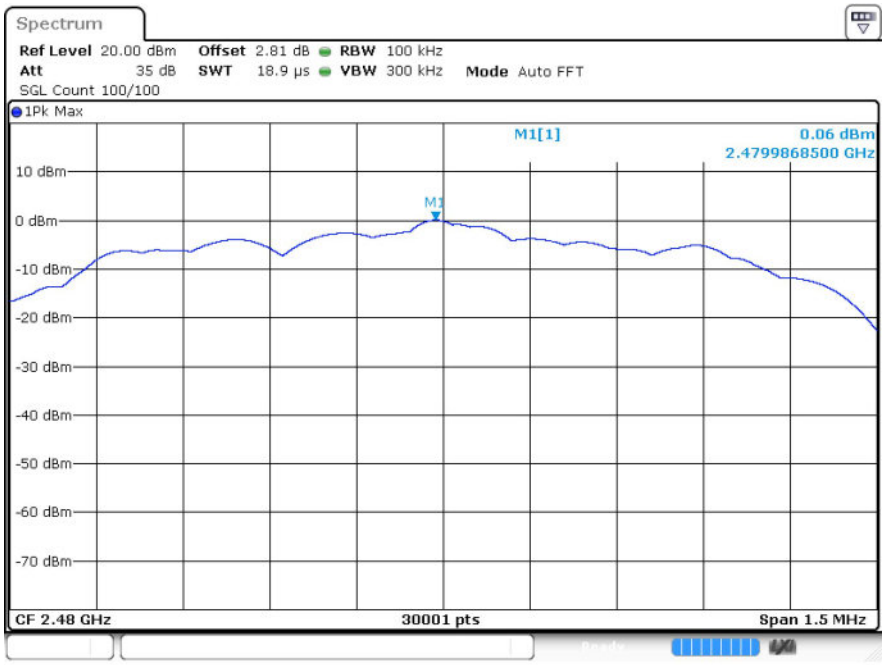
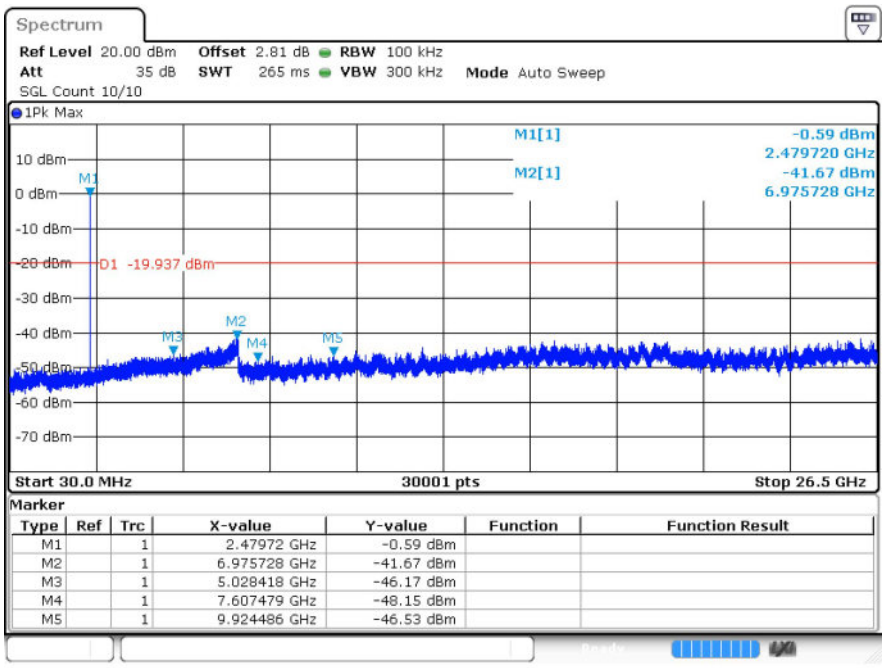
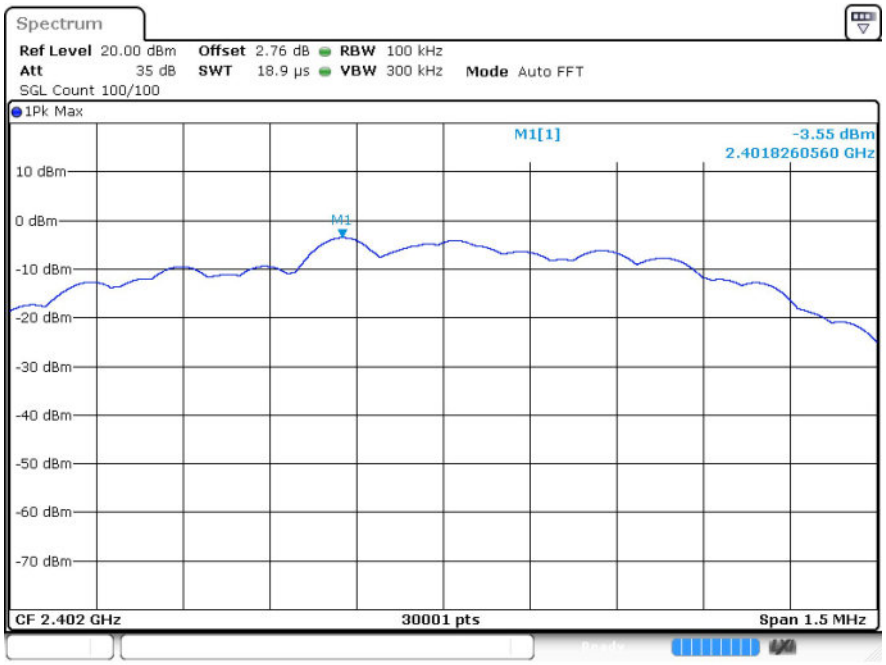
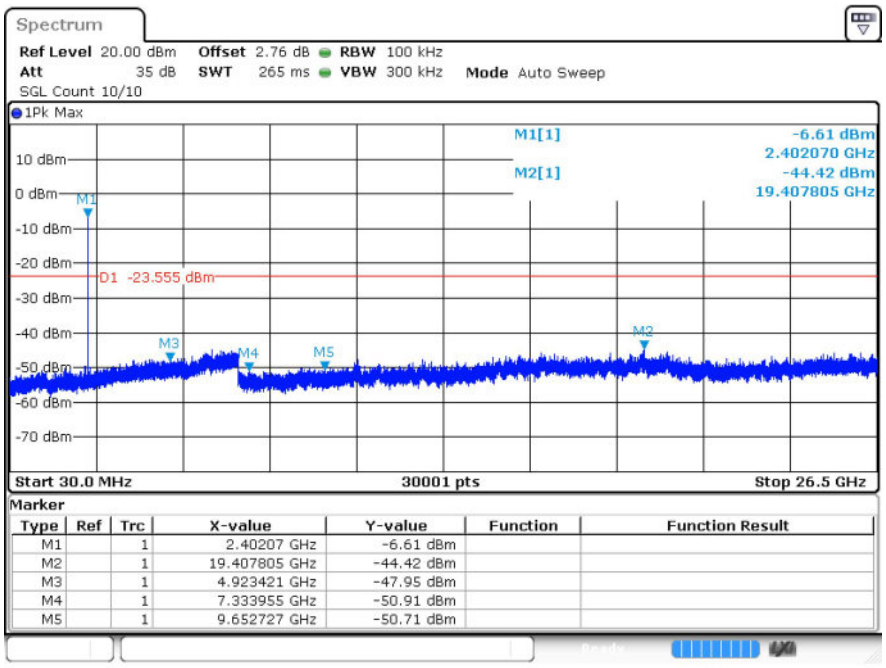
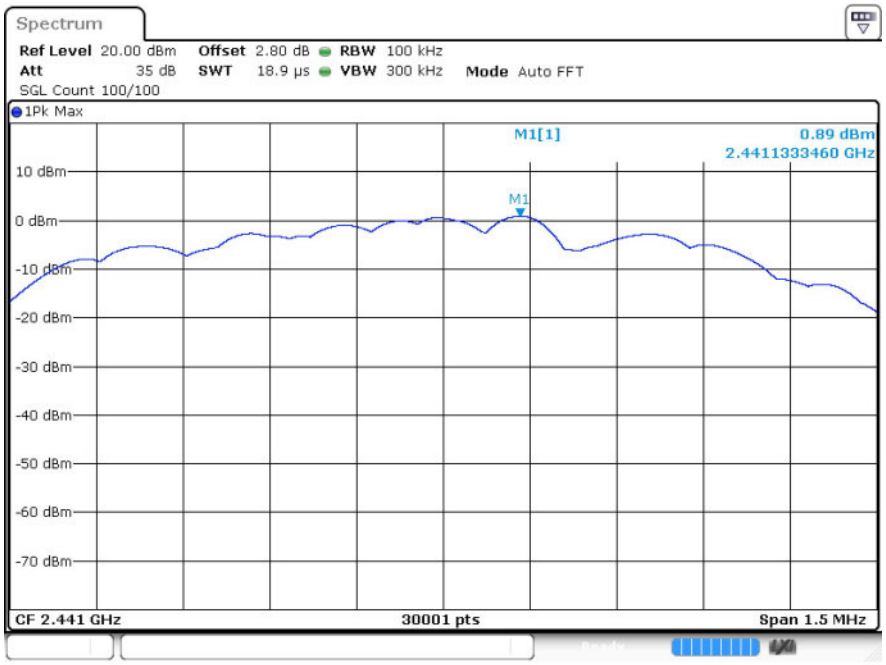
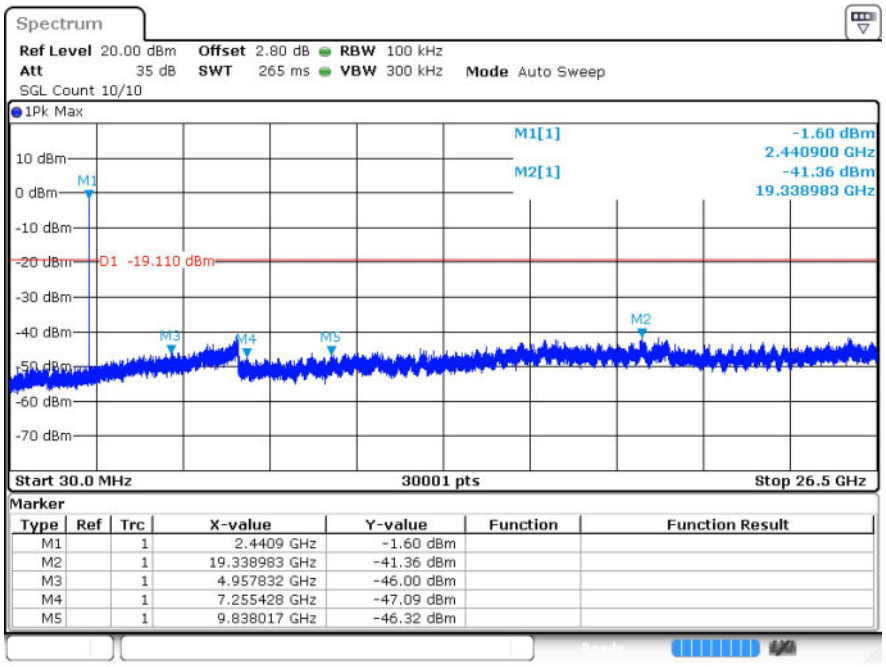
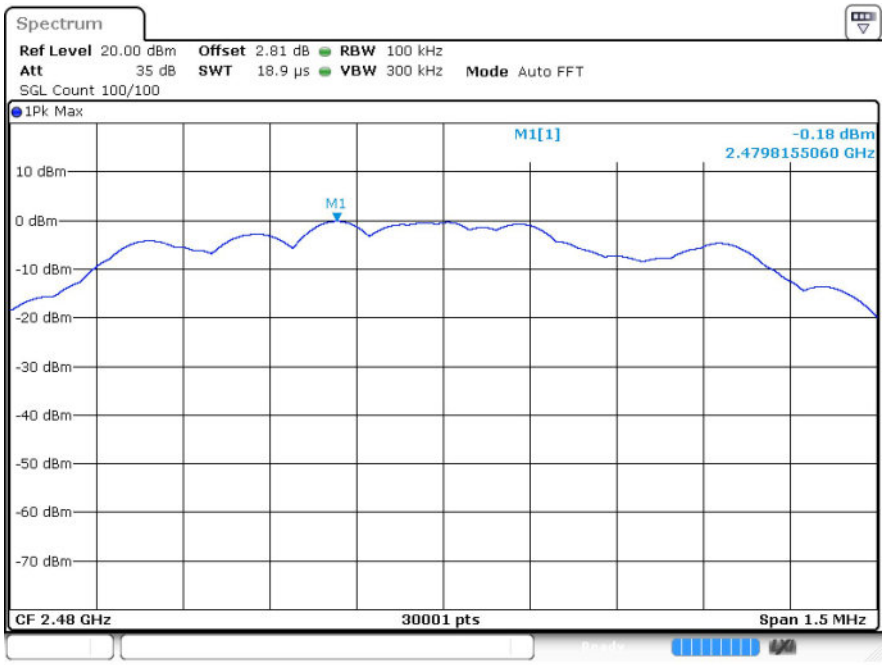
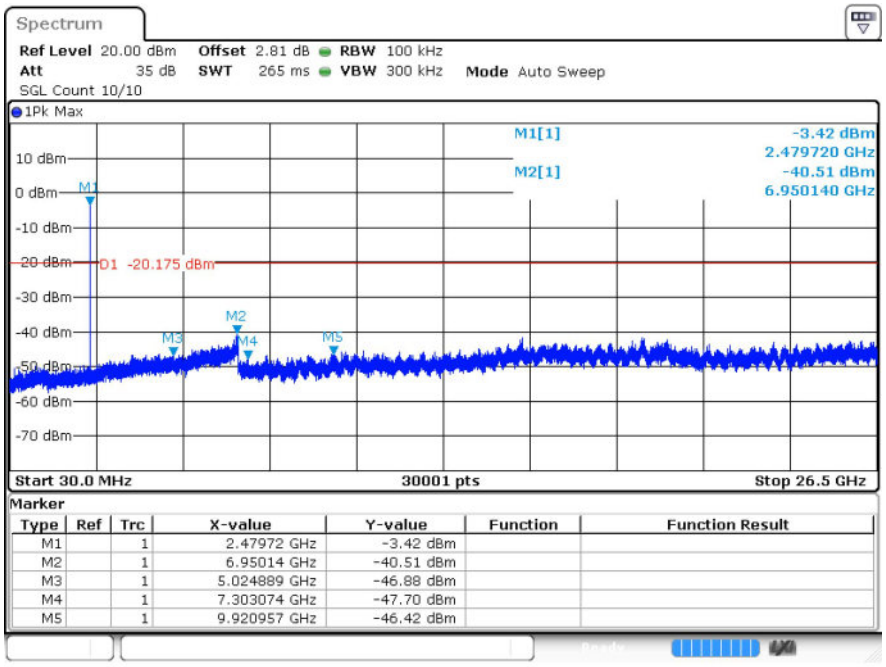
Pref	
Puw	

8DPSK_LCH_Graphs	
Pref	
Puw	

8DPSK_MCH_Graphs	
Pref	
Puw	

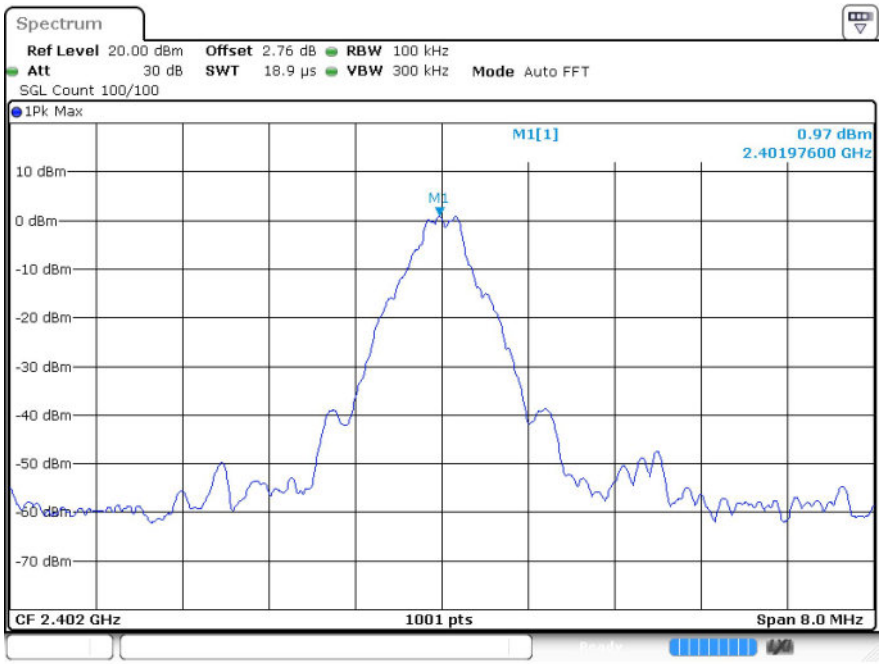
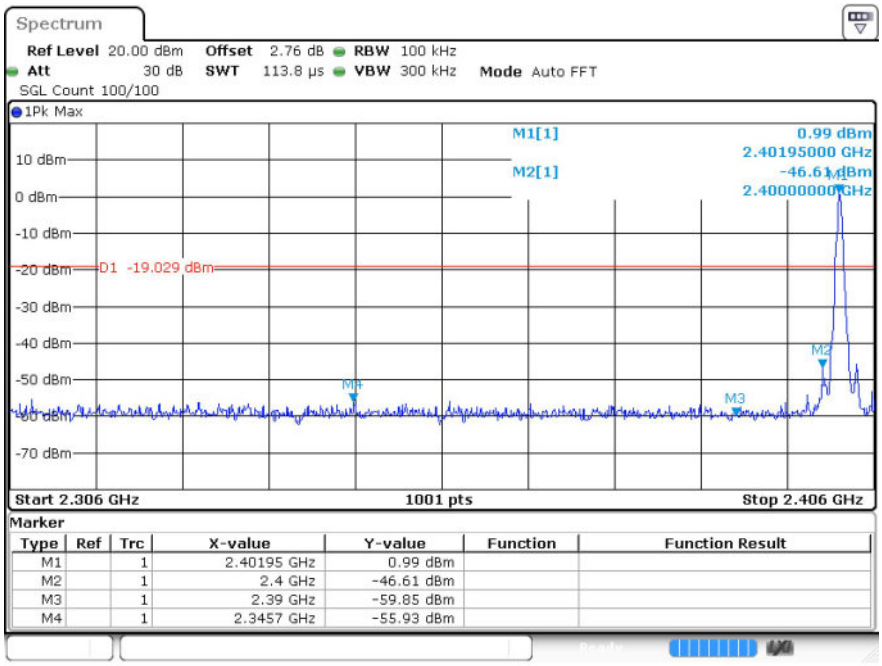
8DPSK_HCH_Graphs	
Pref	
Puw	

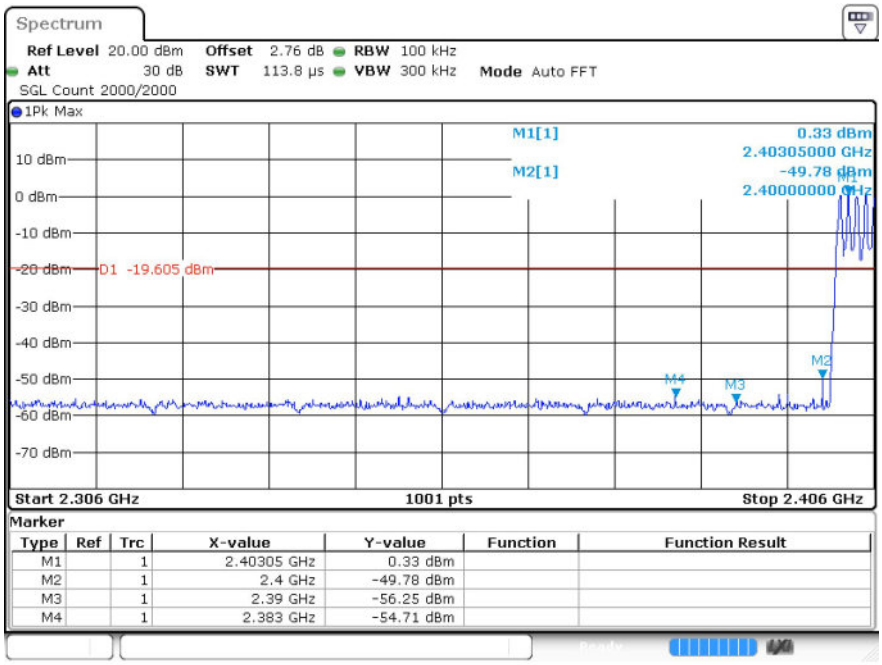
8 Band-edge for RF Conducted Emissions

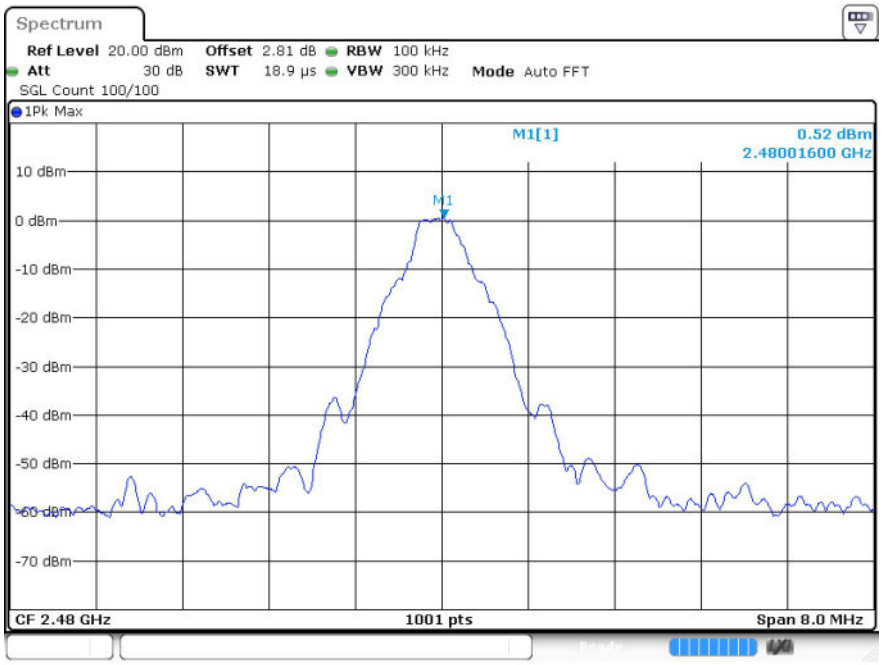
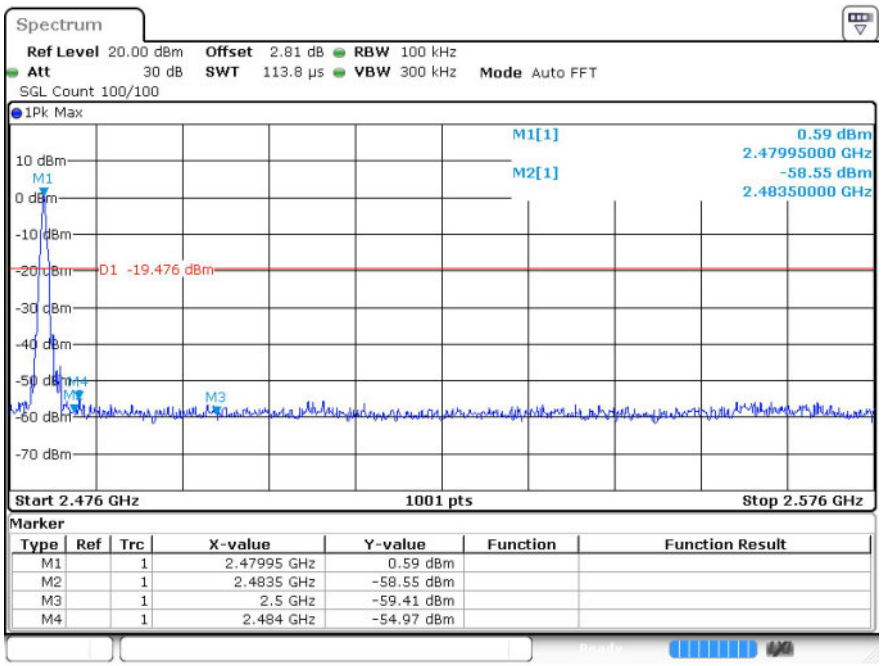
8.1 Test Result

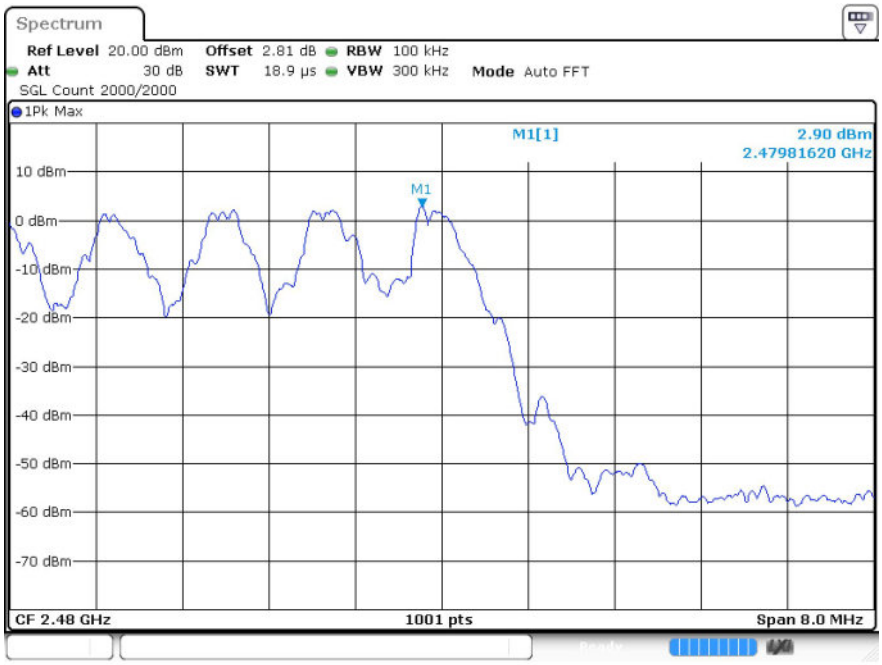
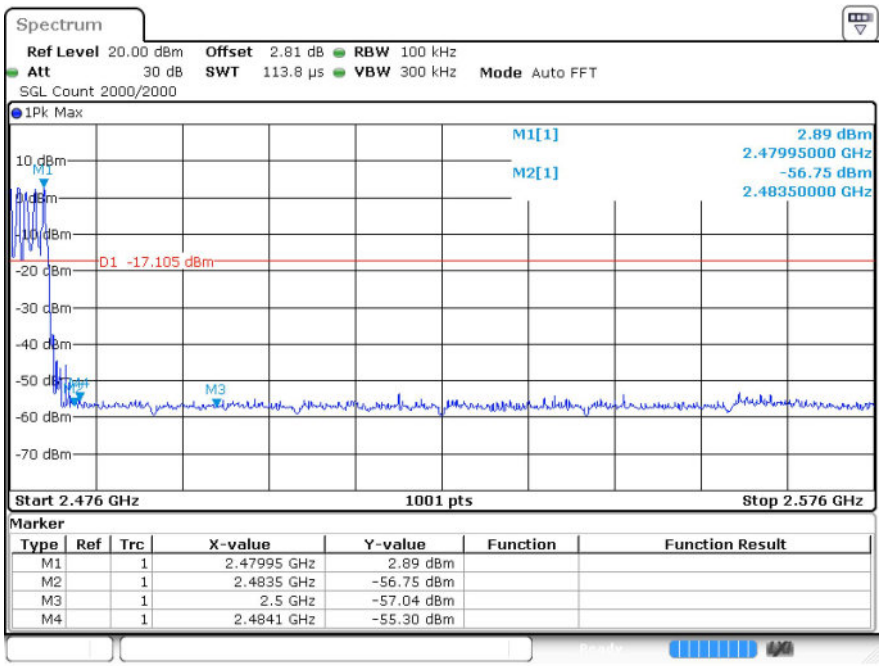
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-56.9	-20	Pass
			On	-55.09	-20	Pass
	HCH	2480	Off	-55.48	-20	Pass
			On	-58.2	-20	Pass
π/4DQPSK	LCH	2402	Off	-55.52	-20	Pass
			On	-54.4	-20	Pass
	HCH	2480	Off	-54.99	-20	Pass
			On	-53.09	-20	Pass
8DPSK	LCH	2402	Off	-55.63	-20	Pass
			On	-54.32	-20	Pass
	HCH	2480	Off	-47.54	-20	Pass
			On	-56.05	-20	Pass

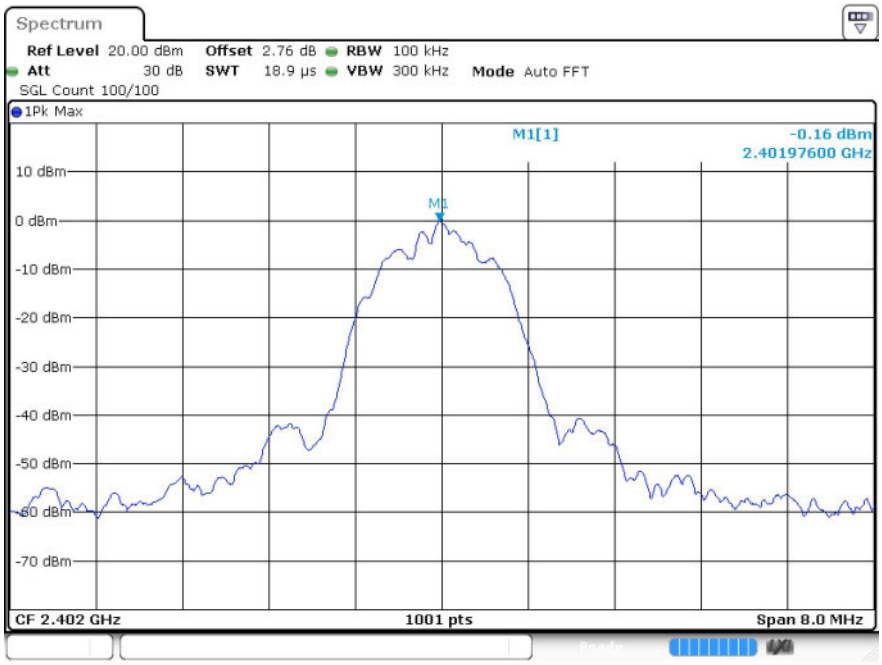
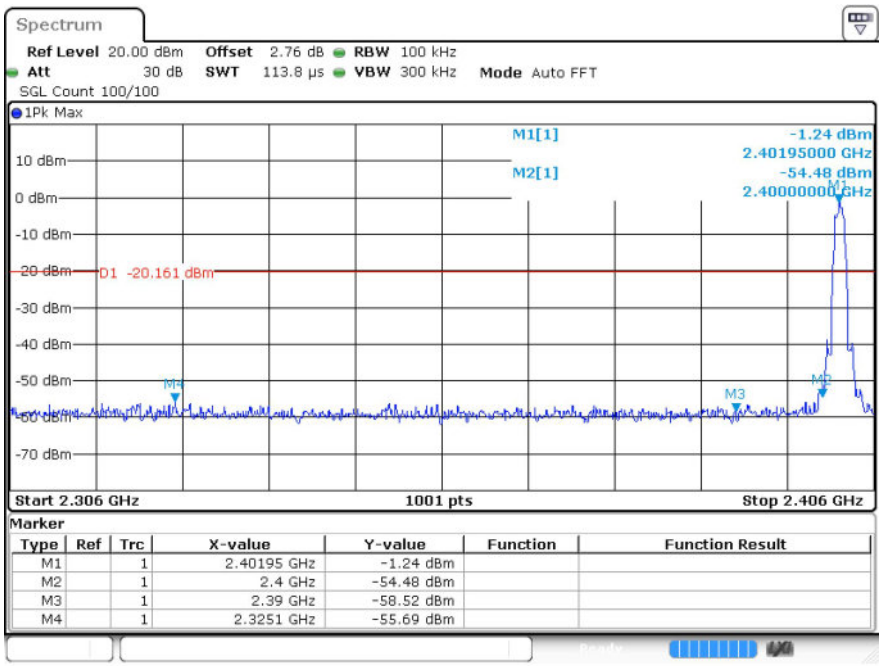
8.2 Test Graphs

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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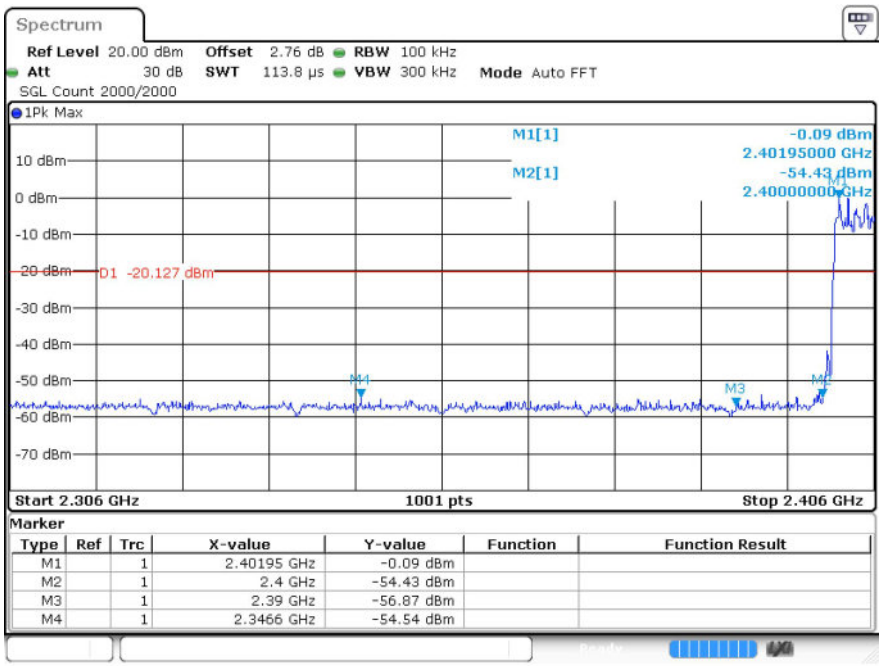
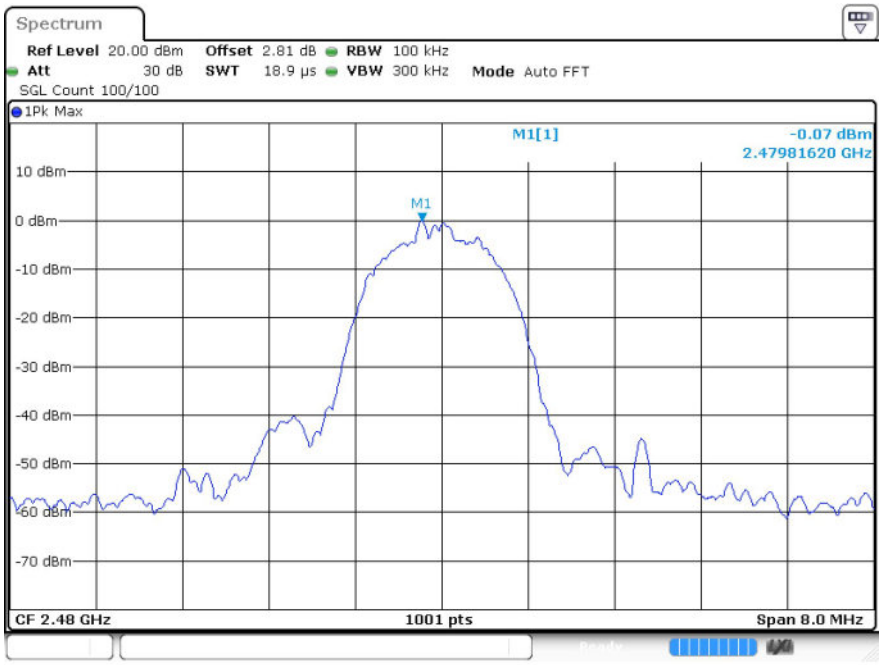
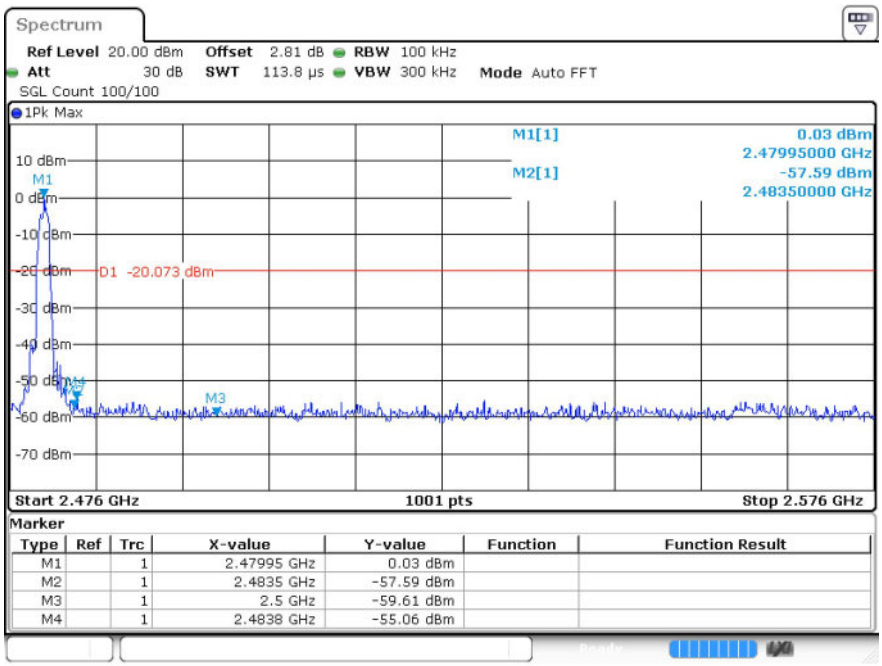
π/4DQPSK/LCH/Hop	

Ref	
π/4DQPSK/HCH/No Hop	

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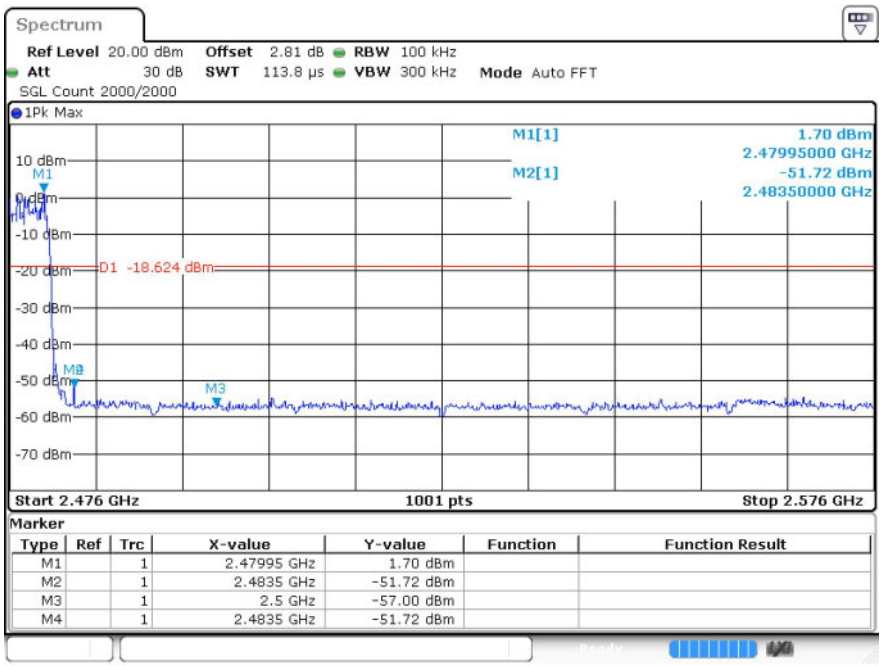
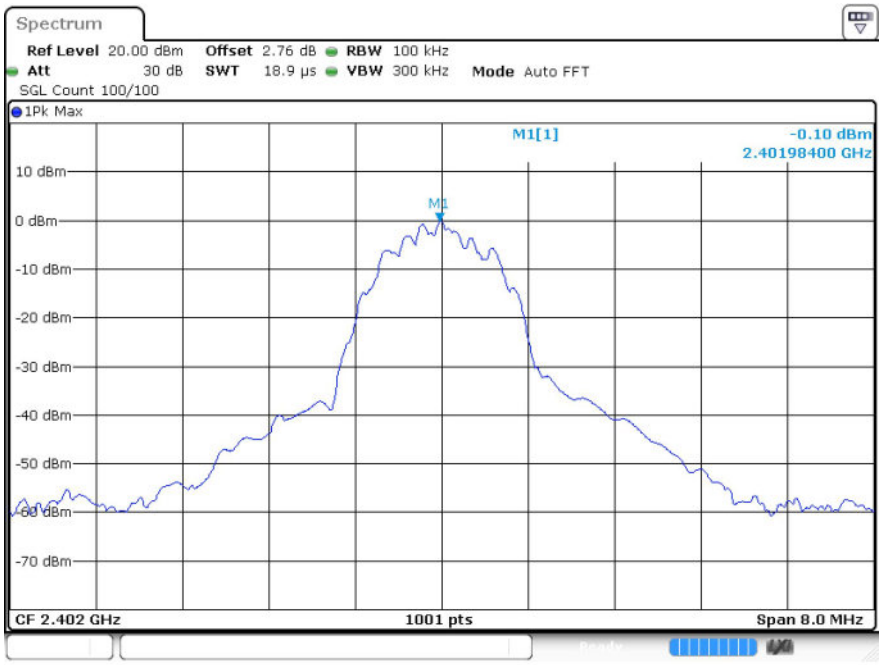
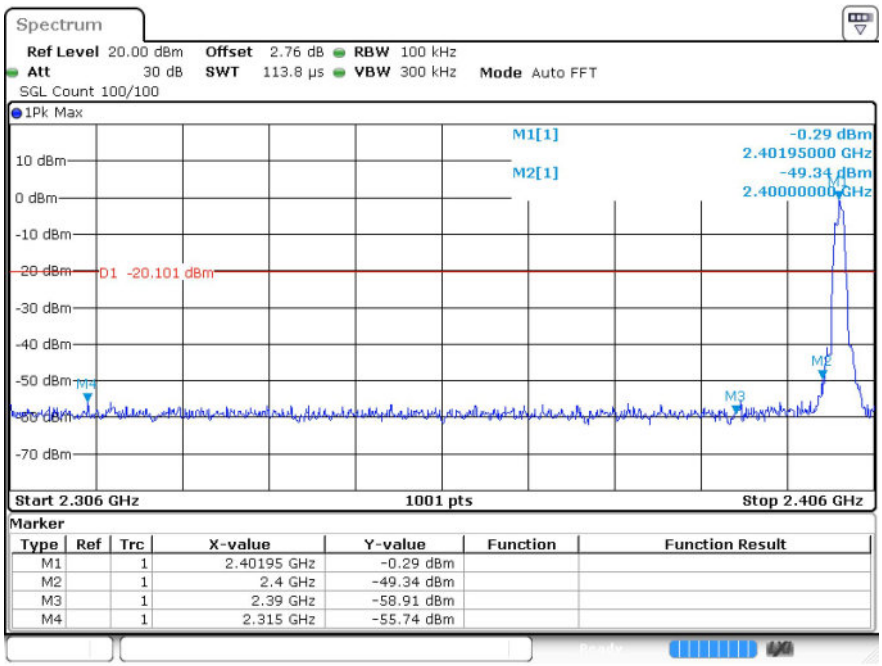
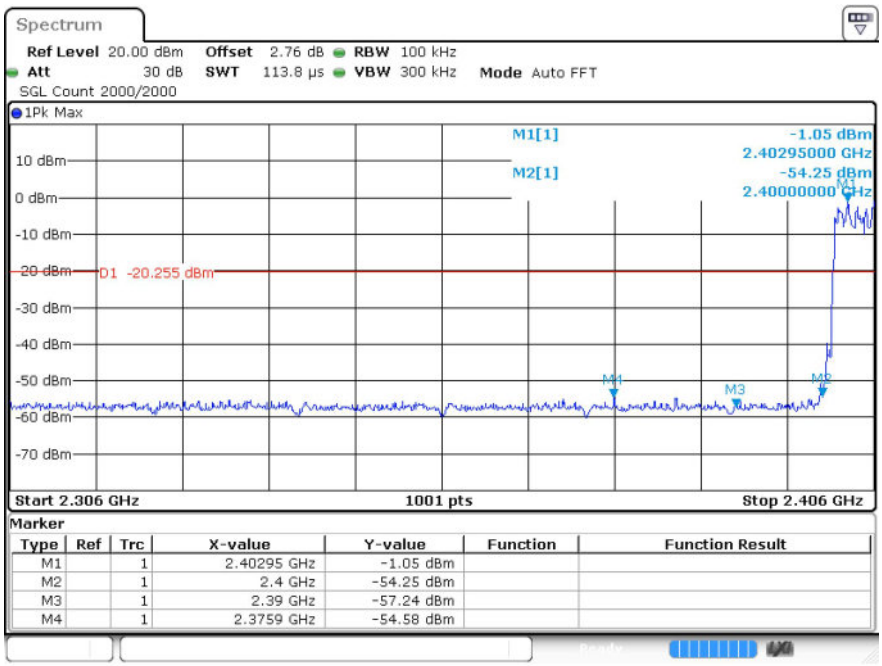
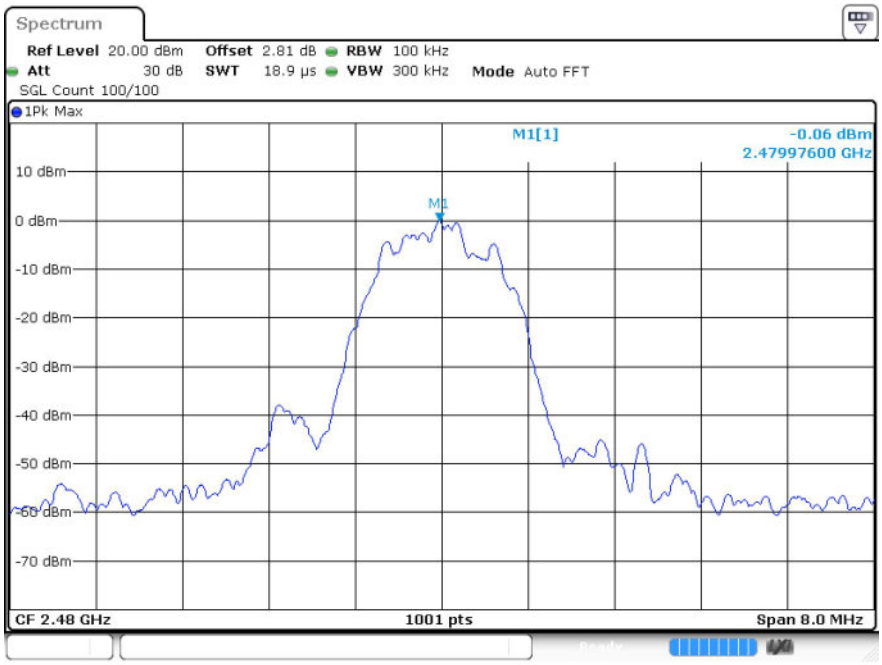
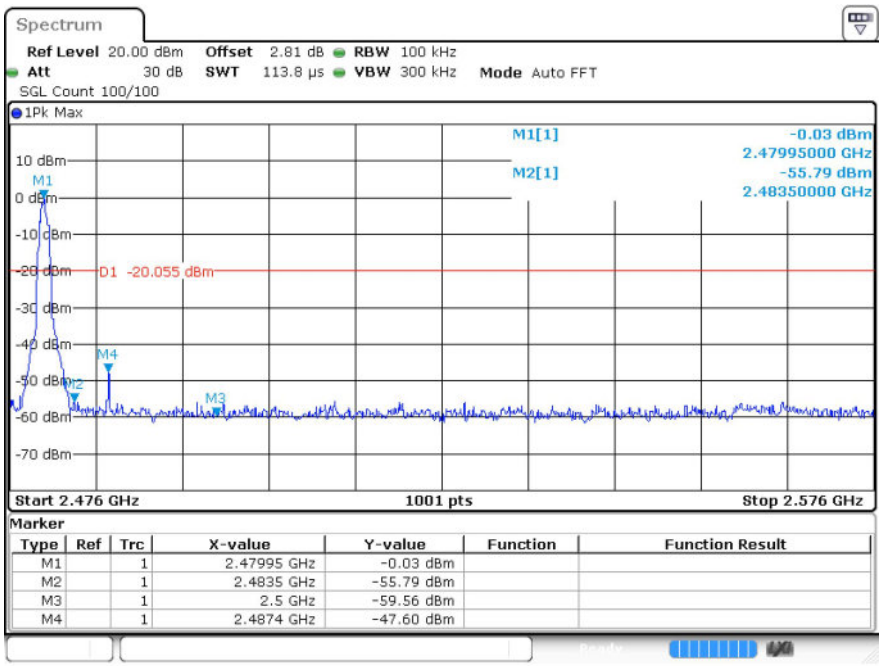
π/4DQPSK/HCH/Hop	

Ref	
8DPSK/LCH/No Hop	

Ref	
8DPSK/LCH/Hop	

Ref	
8DPSK/HCH/No Hop	

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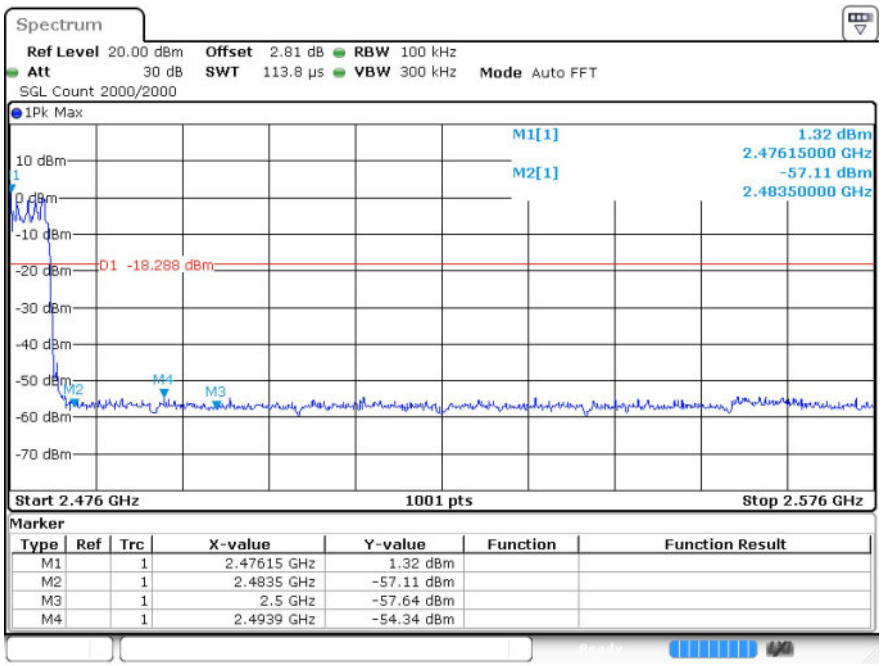
8DPSK/HCH/Hop	

9 Restrict-band band-edge measurements

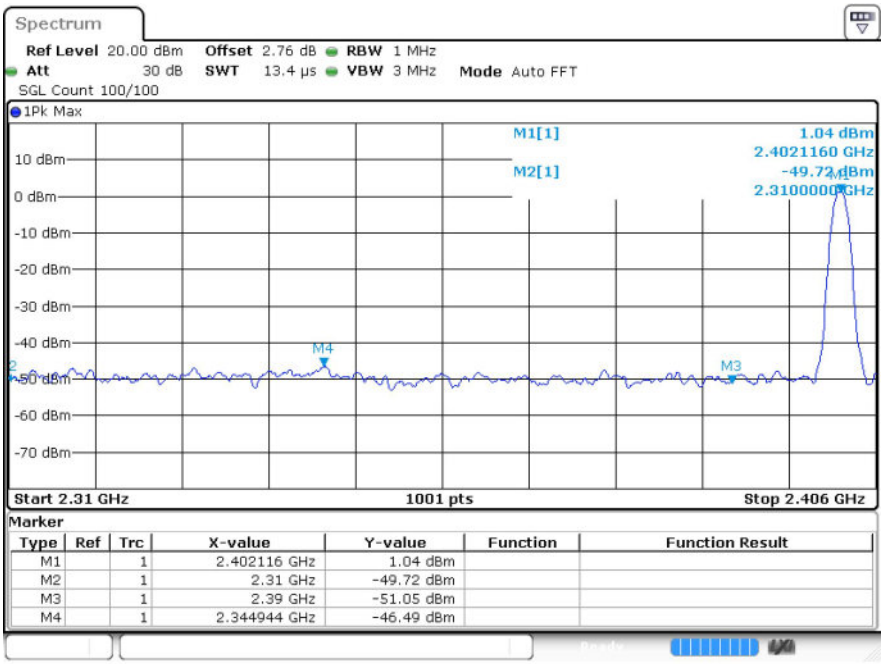
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-49.72	2	-	47.54	PEAK	74	Pass
	Off	2310.0	-57.05	2	5.06	45.27	AV	54	Pass
	Off	2344.944	-46.48	2	-	50.78	PEAK	74	Pass
	Off	2338.032	-53.98	2	5.06	48.34	AV	54	Pass
	Off	2390.0	-51.05	2	-	46.21	PEAK	74	Pass
	Off	2390.0	-57.02	2	5.06	45.3	AV	54	Pass
	Off	2483.5	-48.74	2	-	48.52	PEAK	74	Pass
	Off	2483.5	-56.51	2	4.95	45.7	AV	54	Pass
	Off	2487.448	-46.66	2	-	50.6	PEAK	74	Pass
	Off	2487.424	-54.2	2	4.95	48.01	AV	54	Pass
	Off	2500.0	-50.11	2	-	47.15	PEAK	74	Pass
	Off	2500.0	-56.72	2	4.95	45.49	AV	54	Pass
π/4DQPSK	Off	2310.0	-48.94	2	-	48.32	PEAK	74	Pass
	Off	2310.0	-56.16	2	4.95	46.05	AV	54	Pass
	Off	2340.912	-46.06	2	-	51.2	PEAK	74	Pass
	Off	2340.336	-54.42	2	4.95	47.79	AV	54	Pass
	Off	2390.0	-50.73	2	-	46.53	PEAK	74	Pass
	Off	2390.0	-56.18	2	4.95	46.03	AV	54	Pass
	Off	2483.5	-47.6	2	-	49.66	PEAK	74	Pass
	Off	2483.5	-56.46	2	4.95	45.75	AV	54	Pass
	Off	2483.824	-46.54	2	-	50.72	PEAK	74	Pass
	Off	2499.232	-55.22	2	4.95	46.99	AV	54	Pass
	Off	2500.0	-48.49	2	-	48.77	PEAK	74	Pass
	Off	2500.0	-55.68	2	4.95	46.53	AV	54	Pass
8DPSK	Off	2310.0	-49.41	2	-	47.85	PEAK	74	Pass
	Off	2310.0	-56.31	2	4.95	45.9	AV	54	Pass
	Off	2372.016	-46.58	2	-	50.68	PEAK	74	Pass
	Off	2338.512	-53.78	2	4.95	48.43	AV	54	Pass

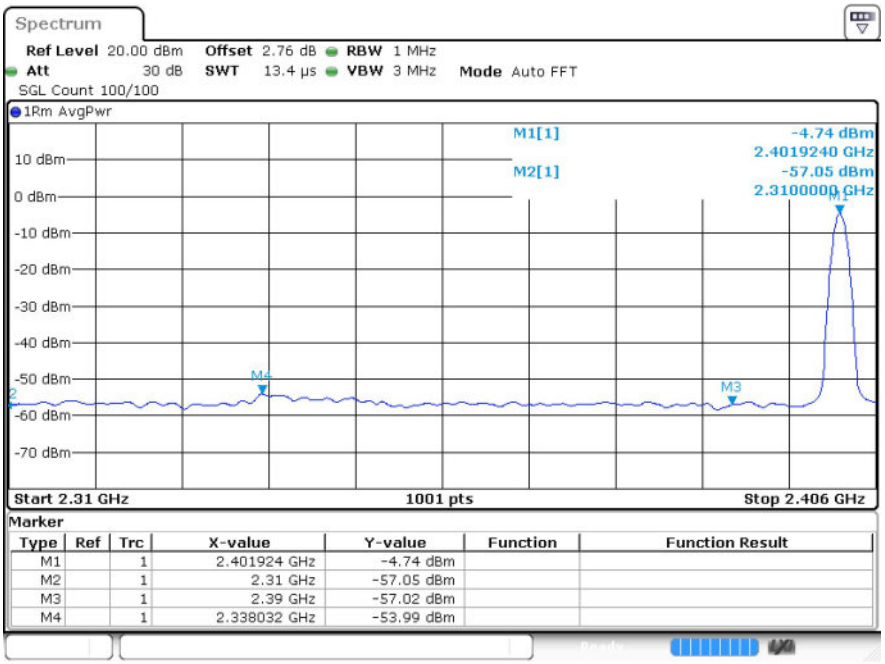
	Off	2390.0	-50.29	2	-	46.97	PEAK	74	Pass
	Off	2390.0	-57.24	2	4.95	44.97	AV	54	Pass
	Off	2483.5	-47.82	2	-	49.44	PEAK	74	Pass
	Off	2483.5	-56.66	2	4.95	45.55	AV	54	Pass
	Off	2487.448	-46.78	2	-	50.48	PEAK	74	Pass
	Off	2488.72	-55.67	2	4.95	46.54	AV	54	Pass
	Off	2500.0	-49.02	2	-	48.24	PEAK	74	Pass
	Off	2500.0	-56.72	2	4.95	45.49	AV	54	Pass

9.2 Test Graphs

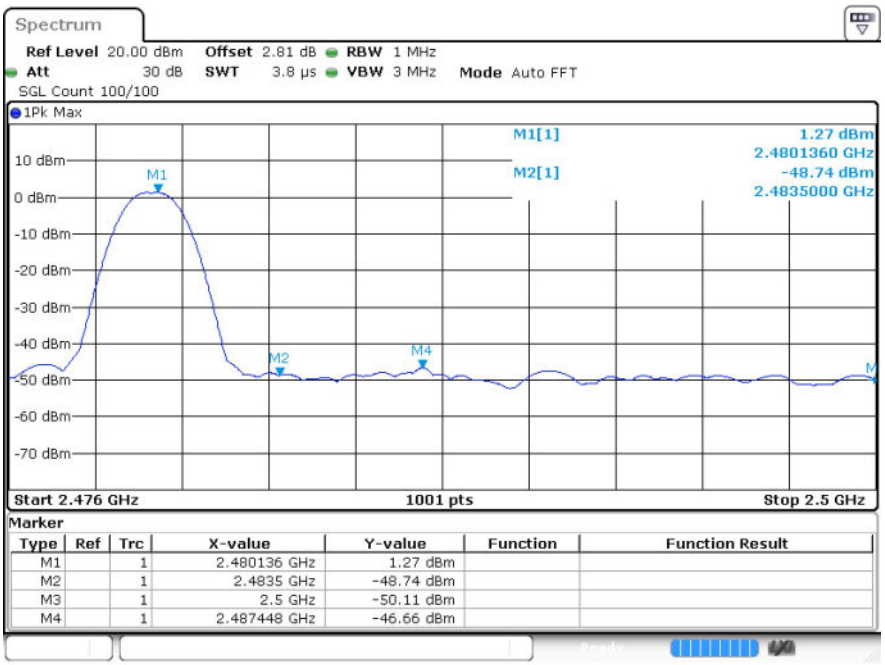
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



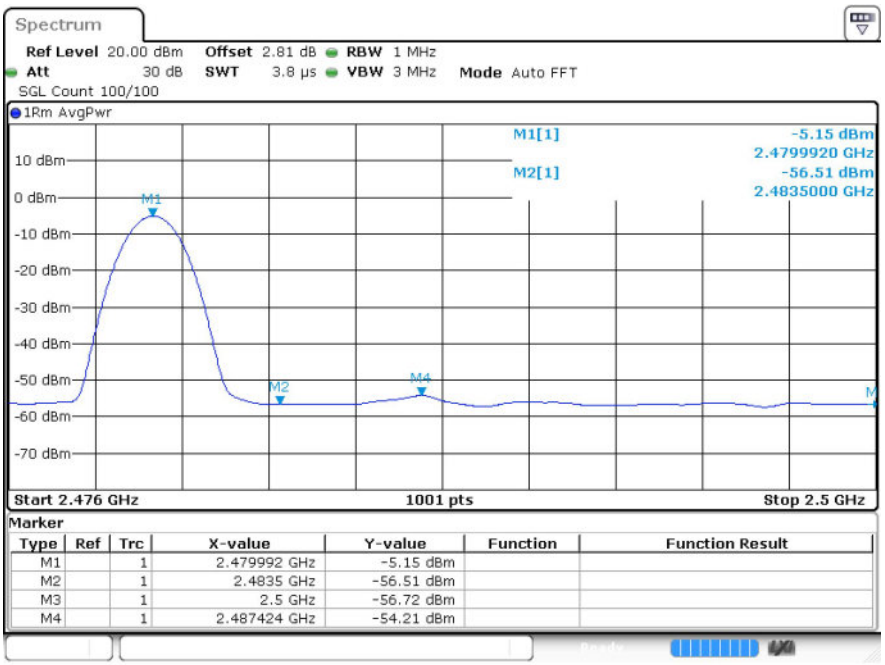
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



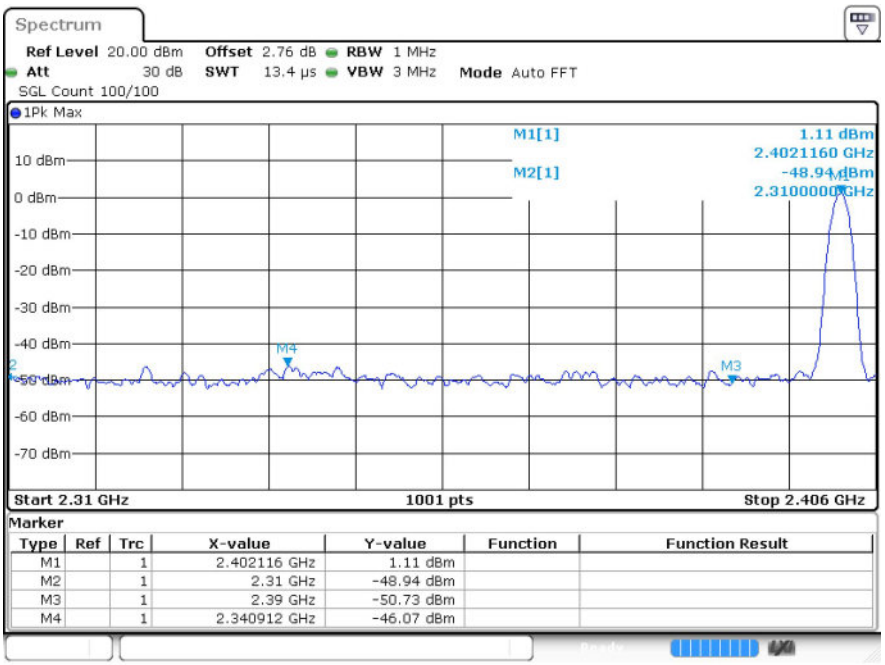
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



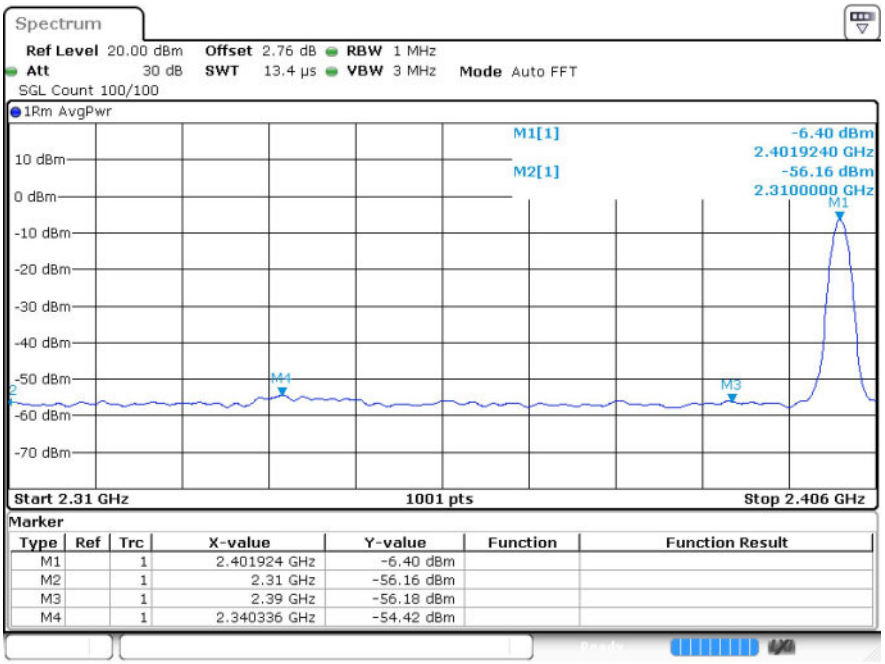
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



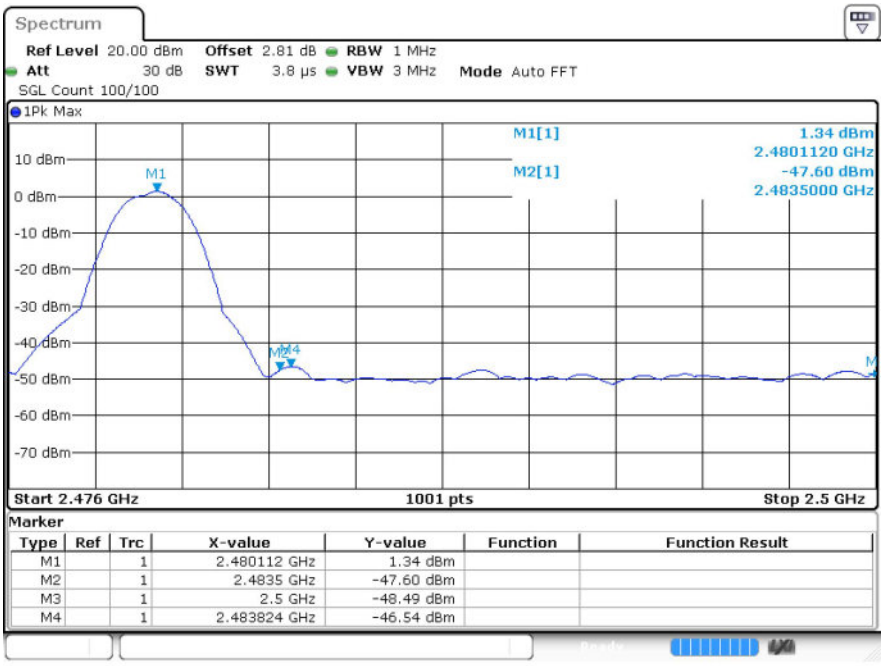
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



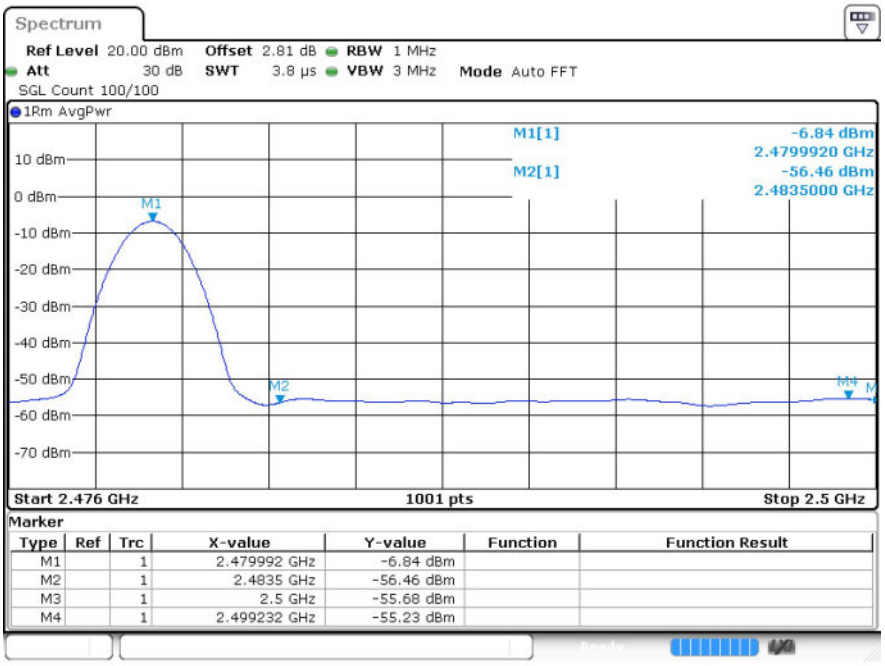
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



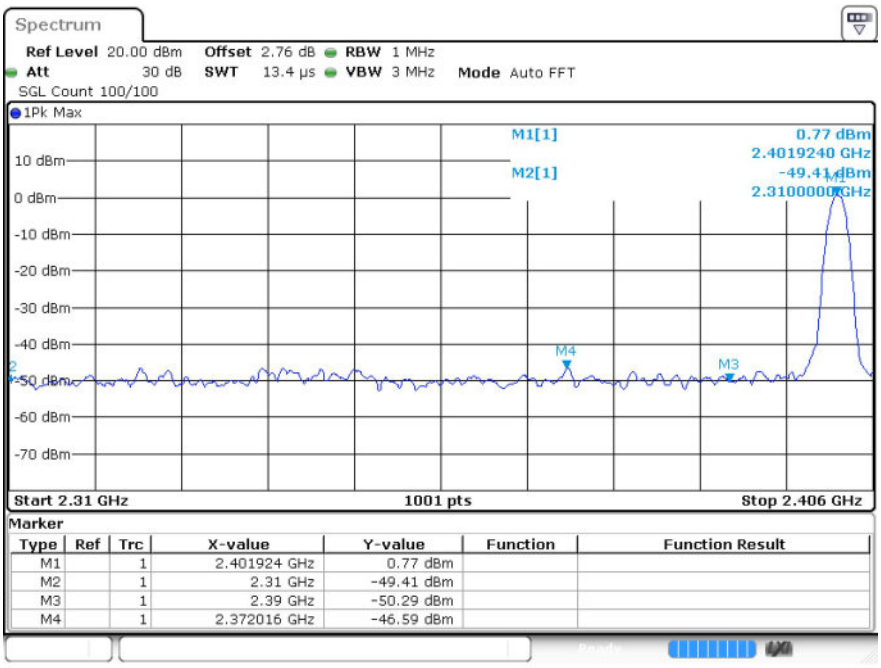
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



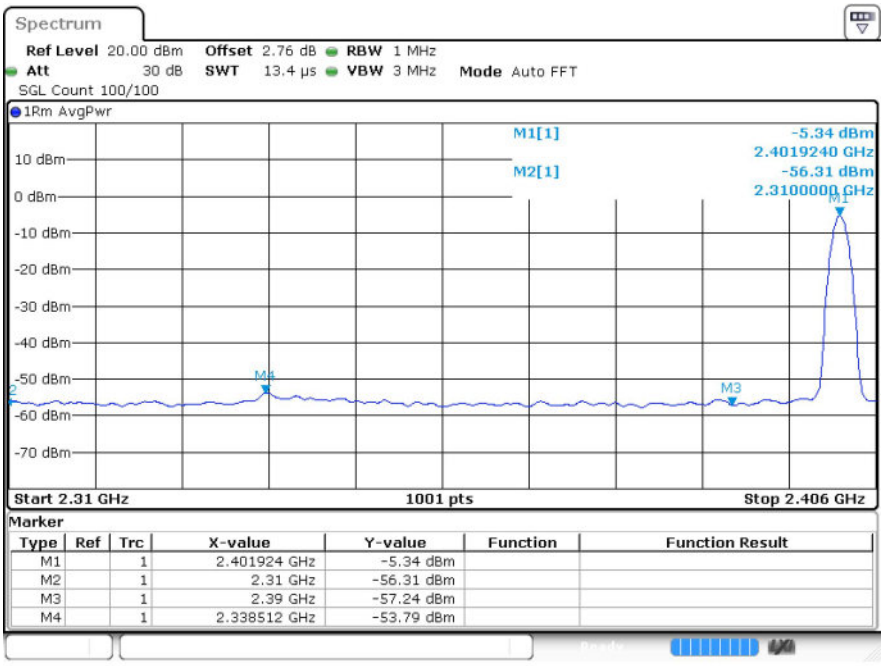
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



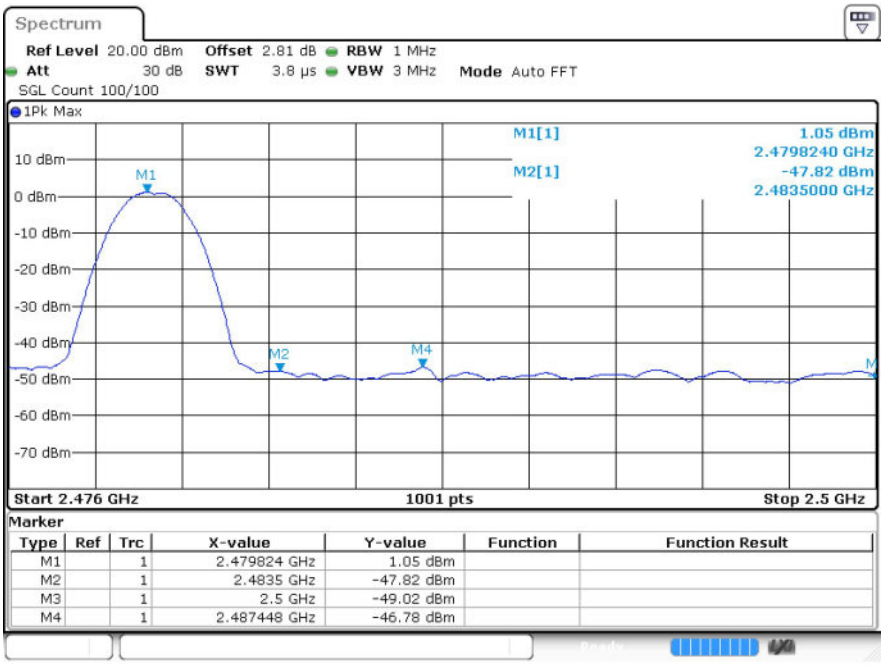
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



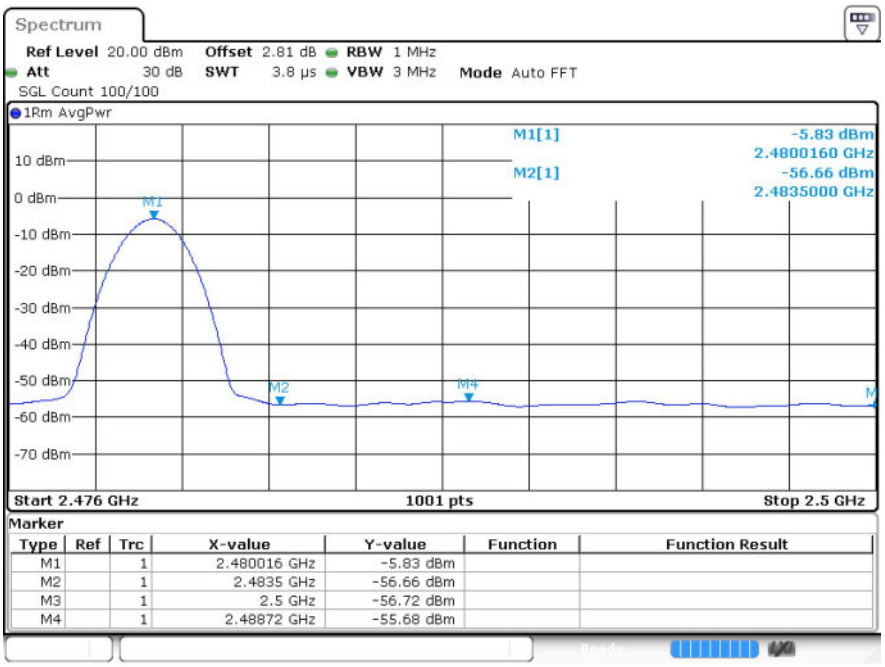
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---