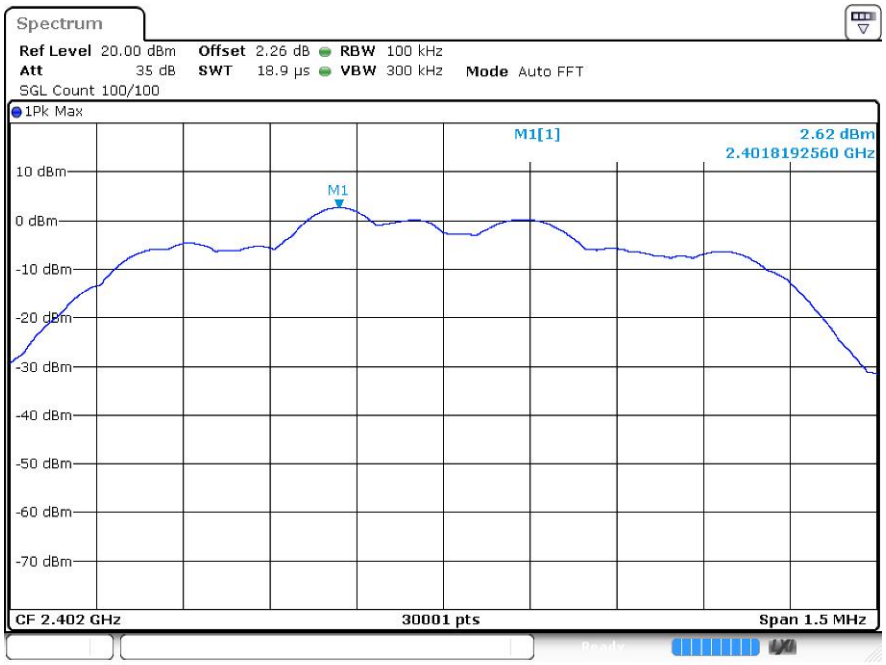
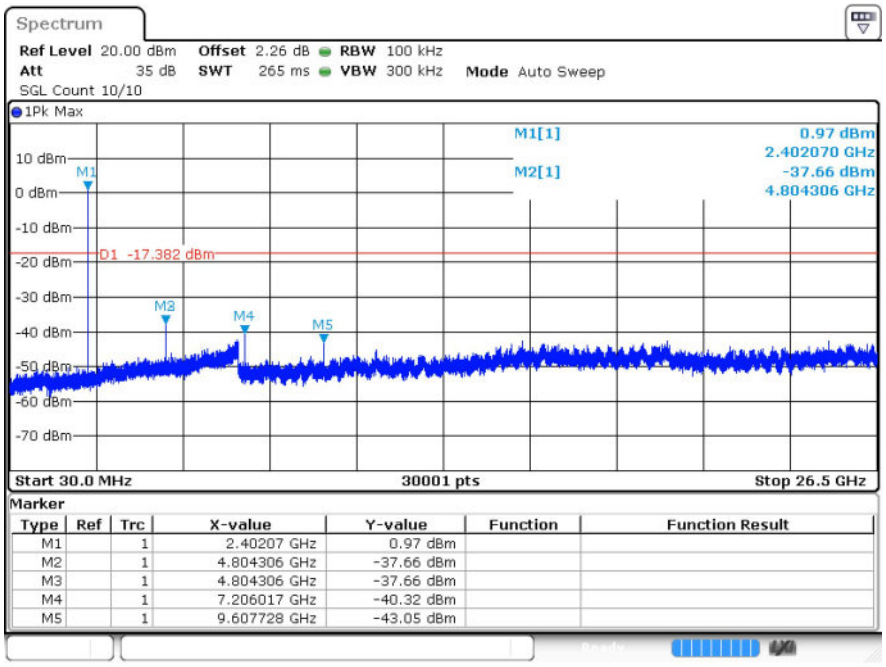
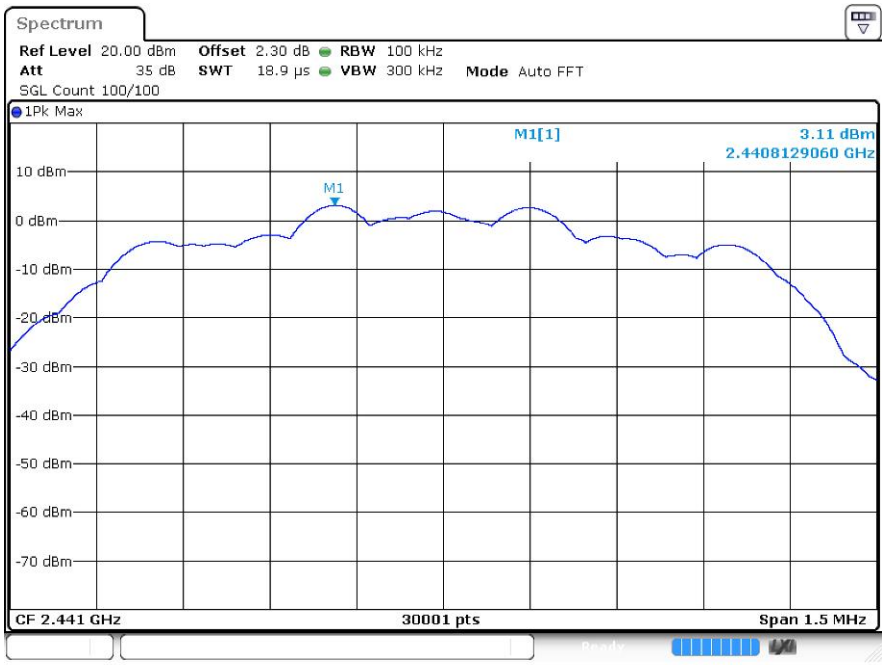
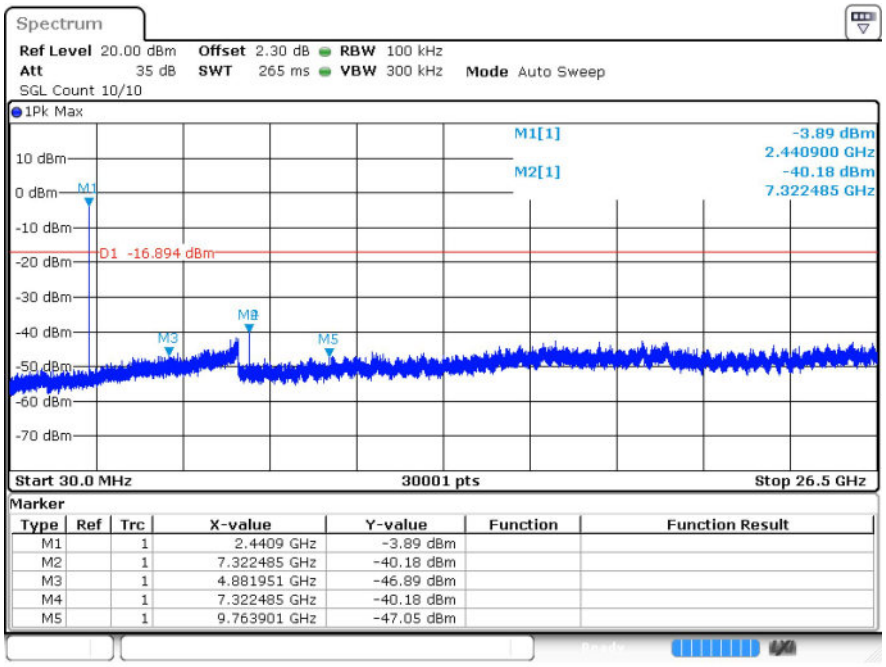
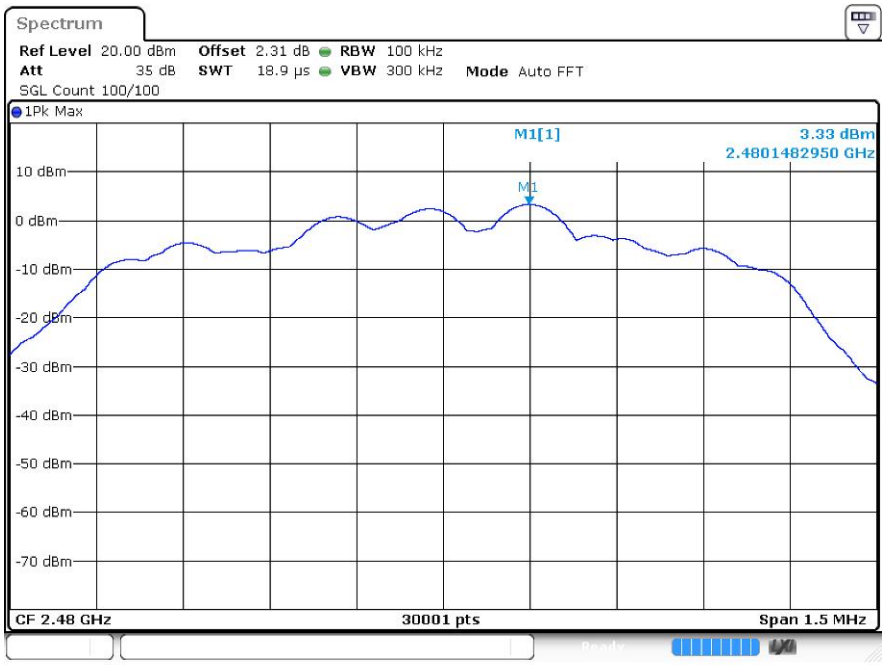
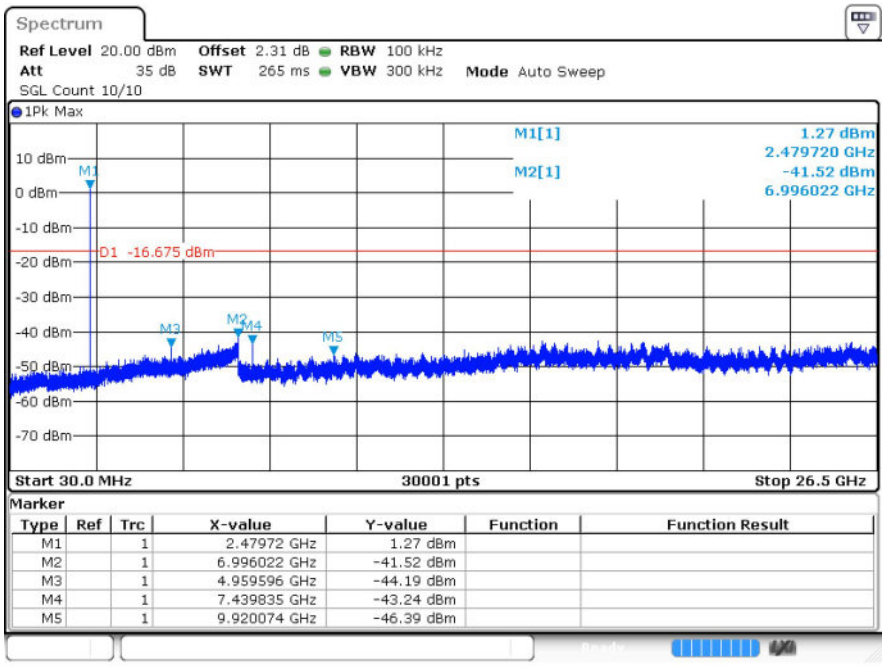
8DPSK_LCH_Graphs	
Pref	
Puw	

8DPSK_MCH_Graphs	
Pref	
Puw	

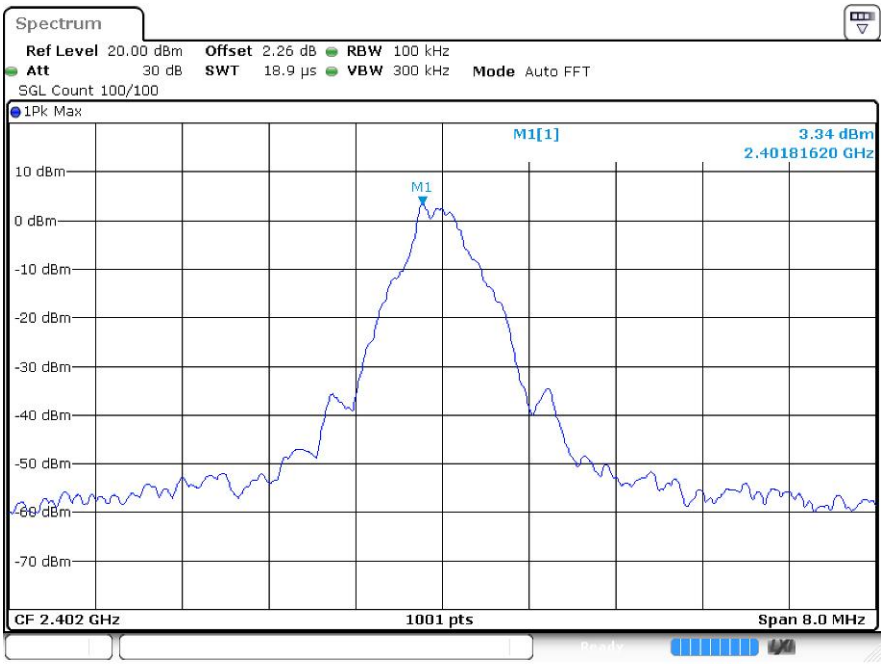
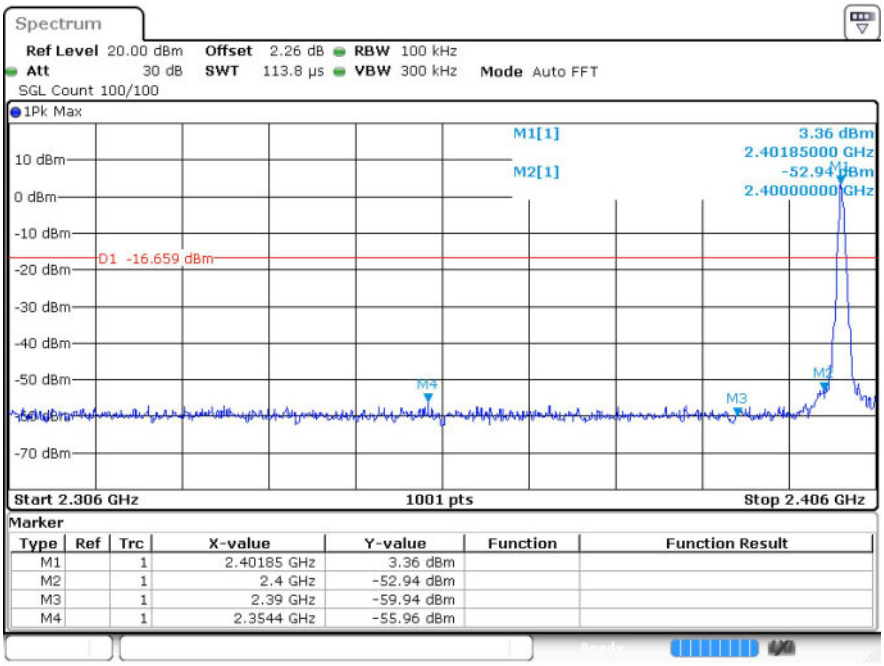
8DPSK_HCH_Graphs	
Pref	
Puw	

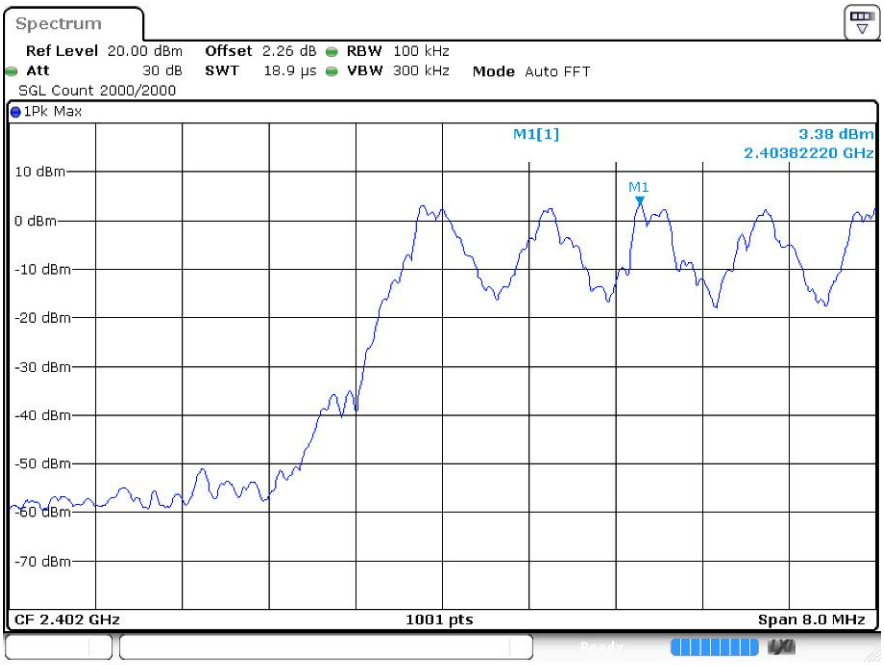
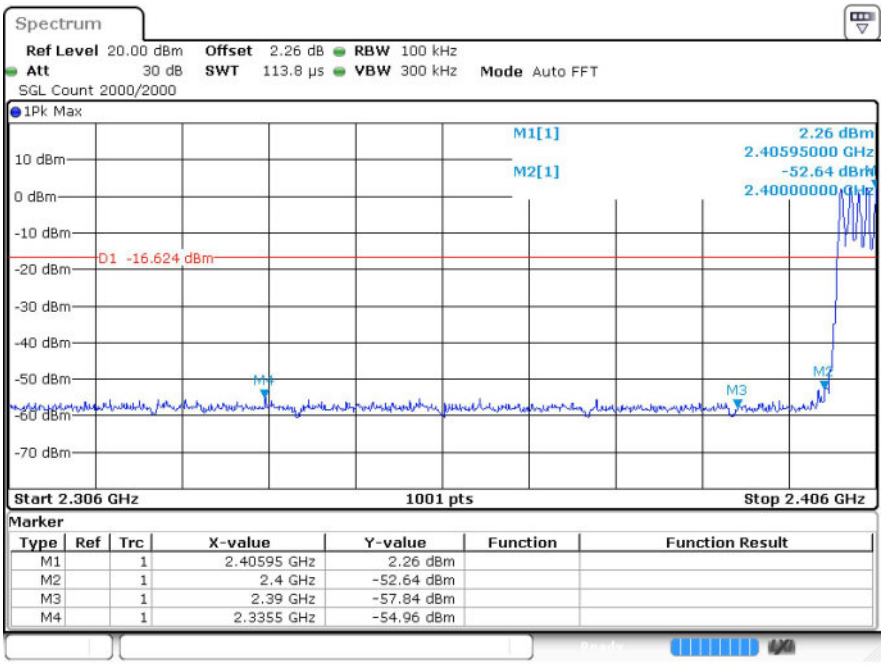
8 Band-edge for RF Conducted Emissions

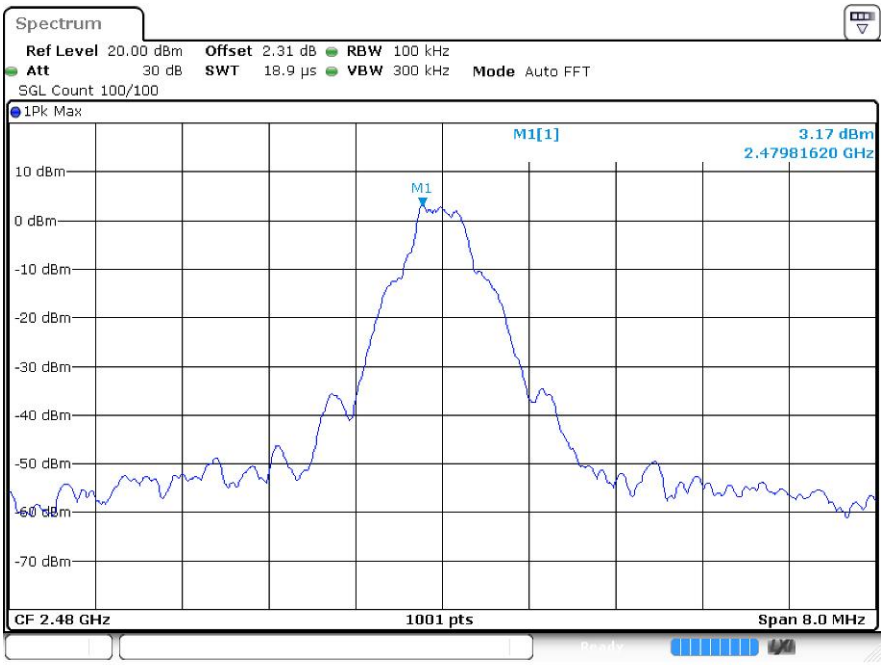
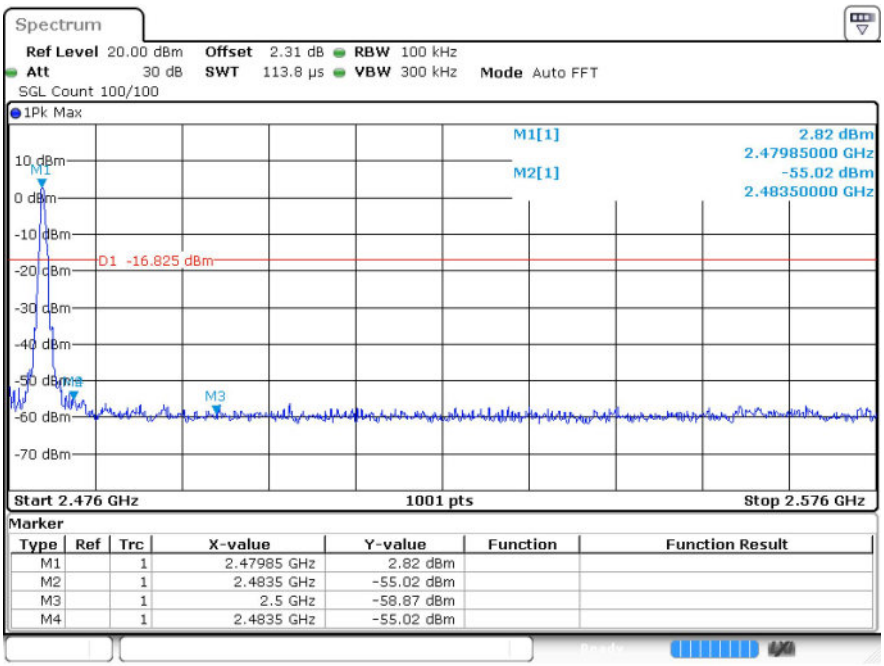
8.1 Test Result

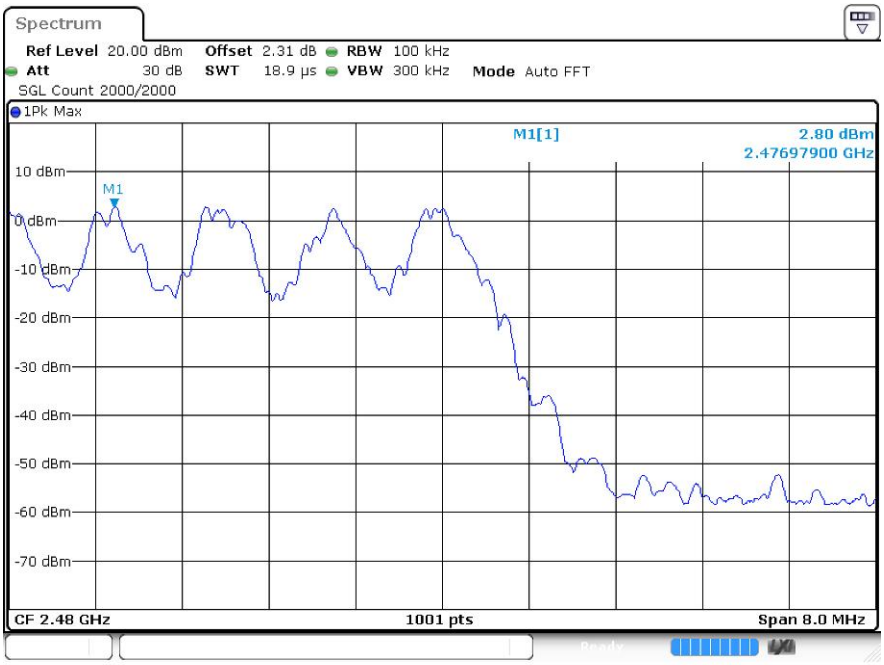
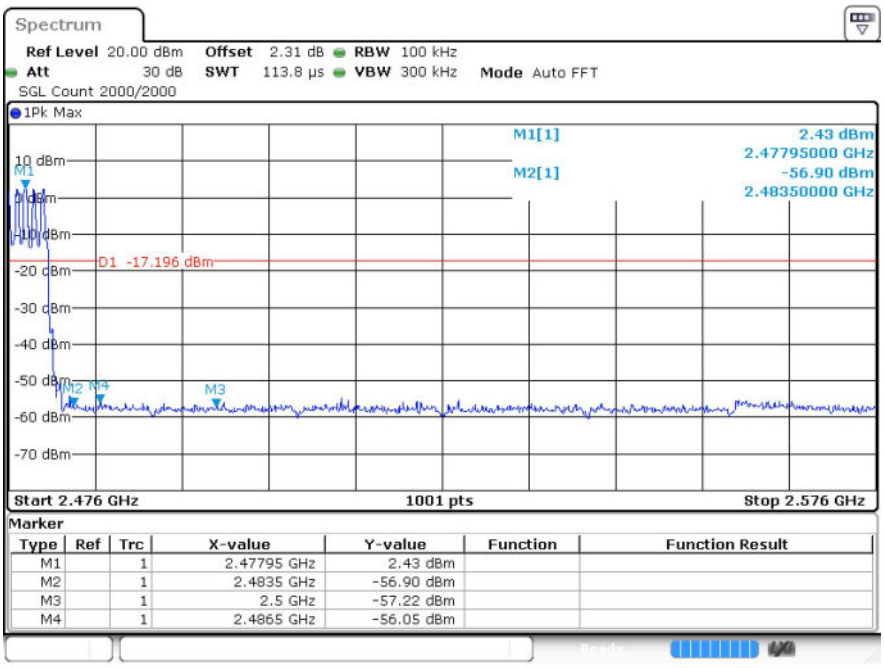
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-59.29	-20	Pass
			On	-58.34	-20	Pass
	HCH	2480	Off	-58.18	-20	Pass
			On	-58.85	-20	Pass
π/4DQPSK	LCH	2402	Off	-58.14	-20	Pass
			On	-58.34	-20	Pass
	HCH	2480	Off	-59.2	-20	Pass
			On	-57.71	-20	Pass
8DPSK	LCH	2402	Off	-59.41	-20	Pass
			On	-58.14	-20	Pass
	HCH	2480	Off	-55.16	-20	Pass
			On	-57.96	-20	Pass

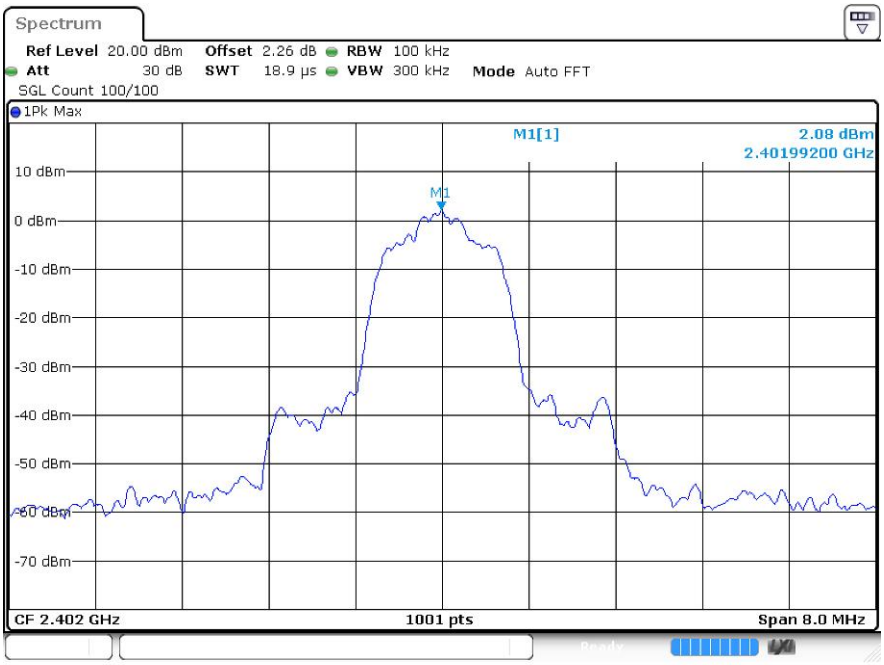
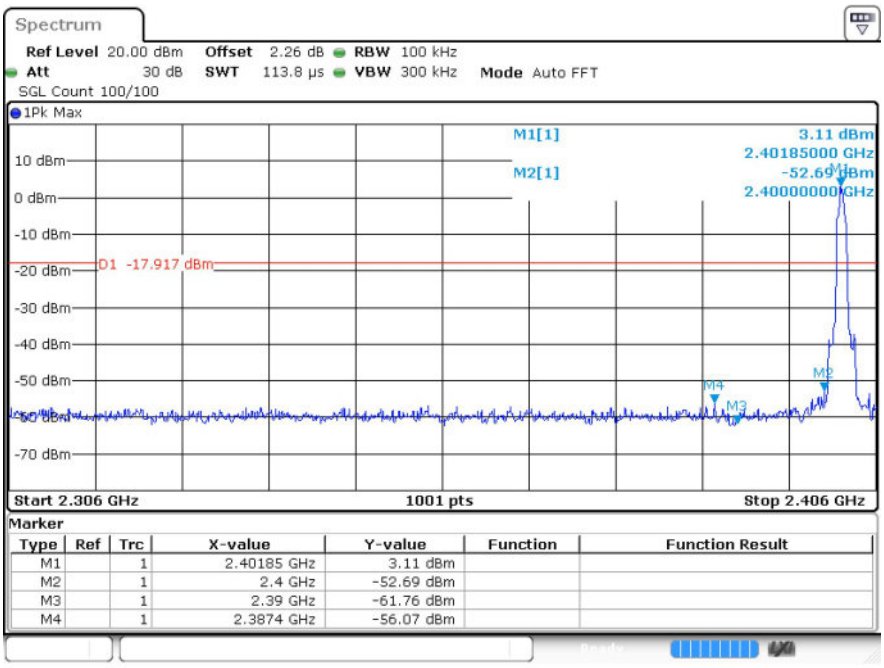
8.2 Test Graphs

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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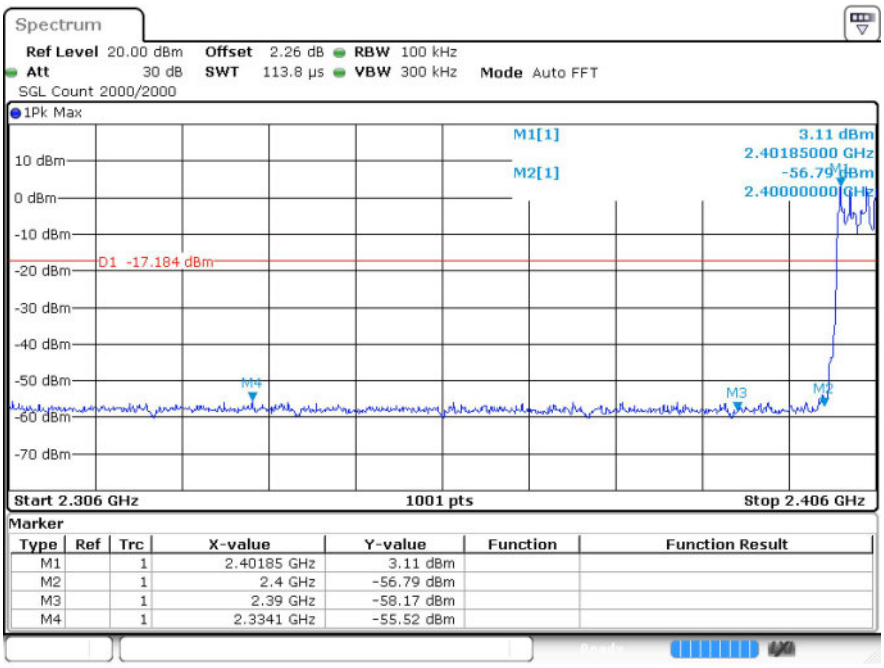
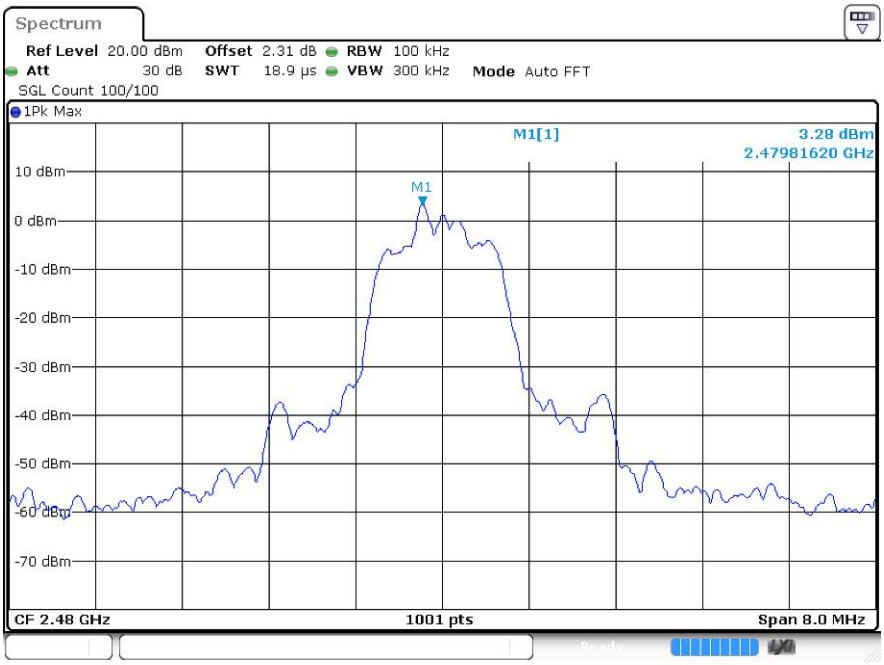
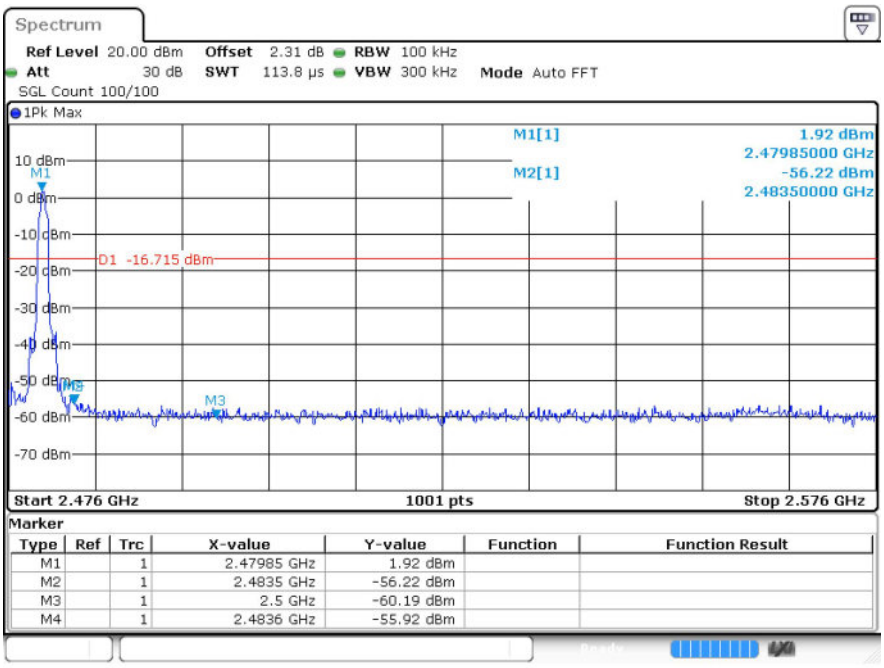
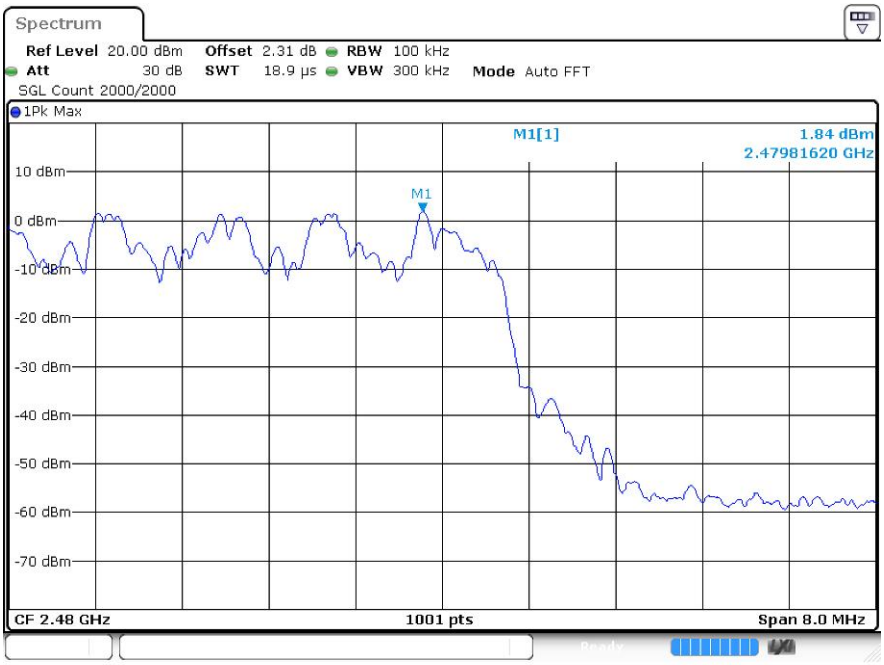
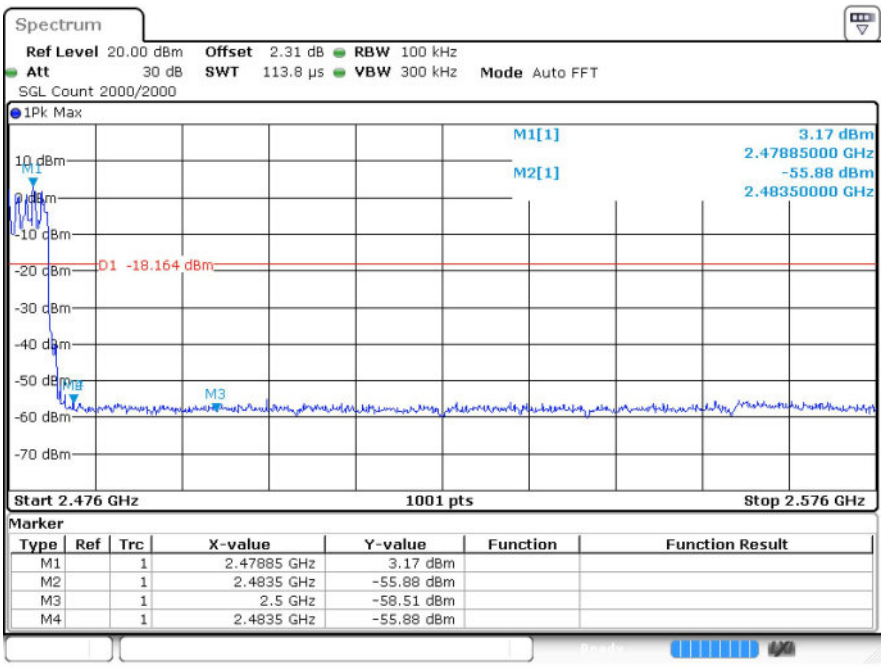
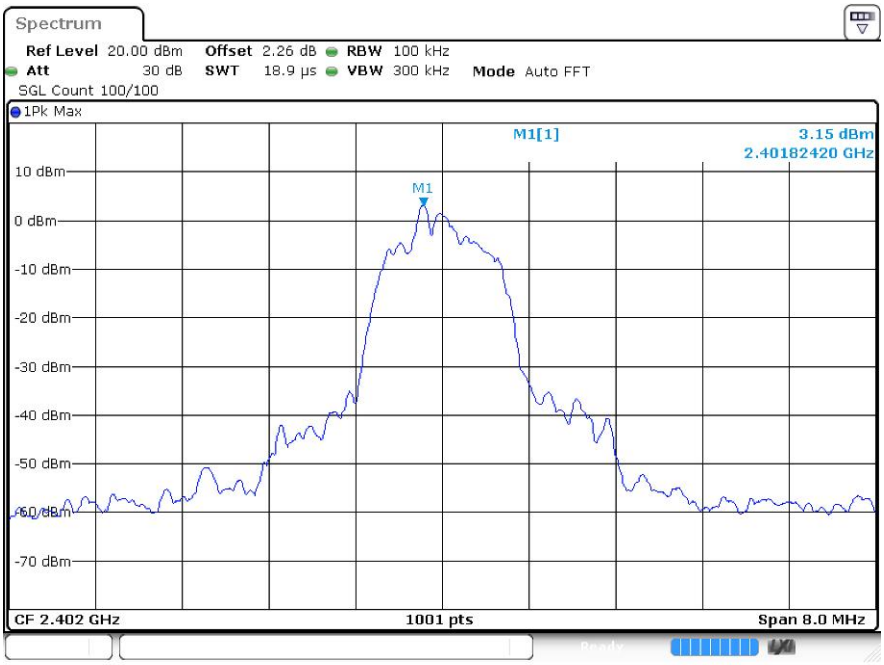
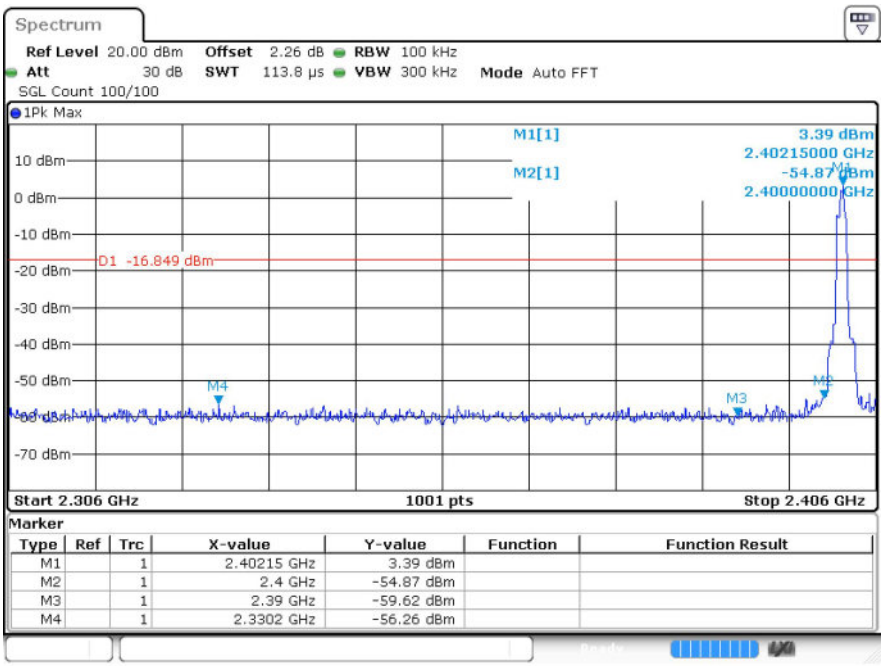
π/4DQPSK/LCH/Hop	

Ref	
π/4DQPSK/HCH/No Hop	

Ref	
π/4DQPSK/HCH/Hop	

Ref	
8DPSK/LCH/No Hop	

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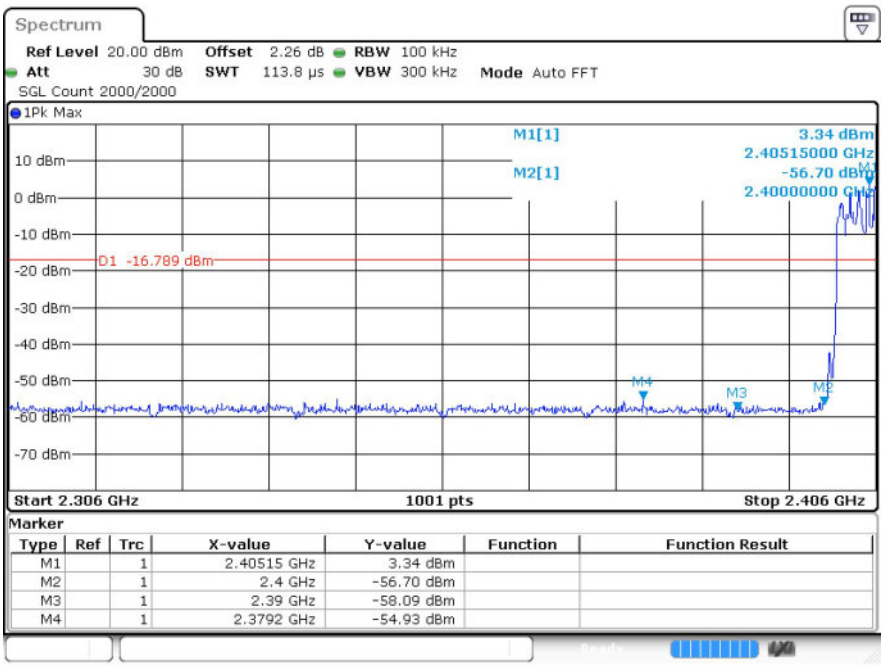
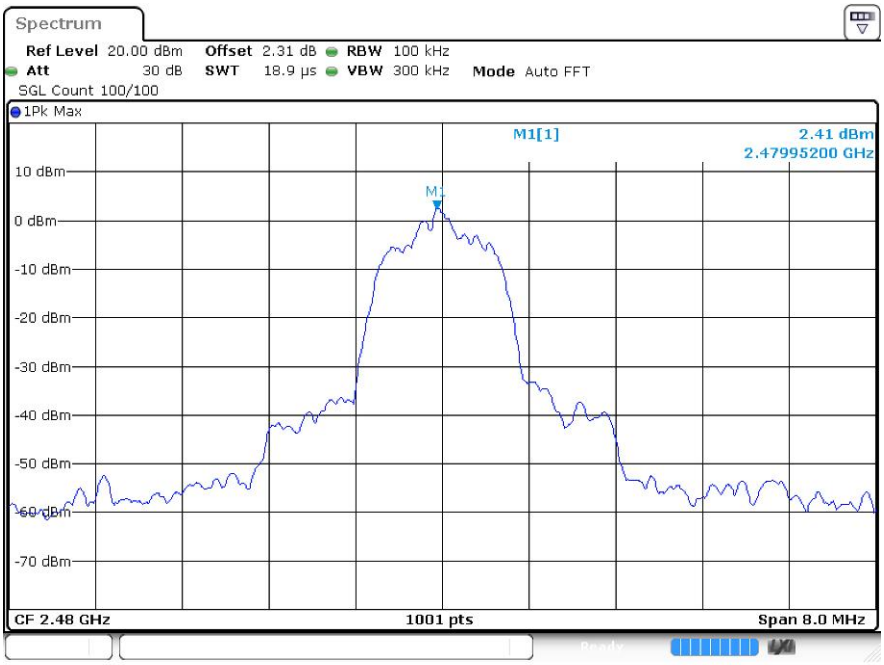
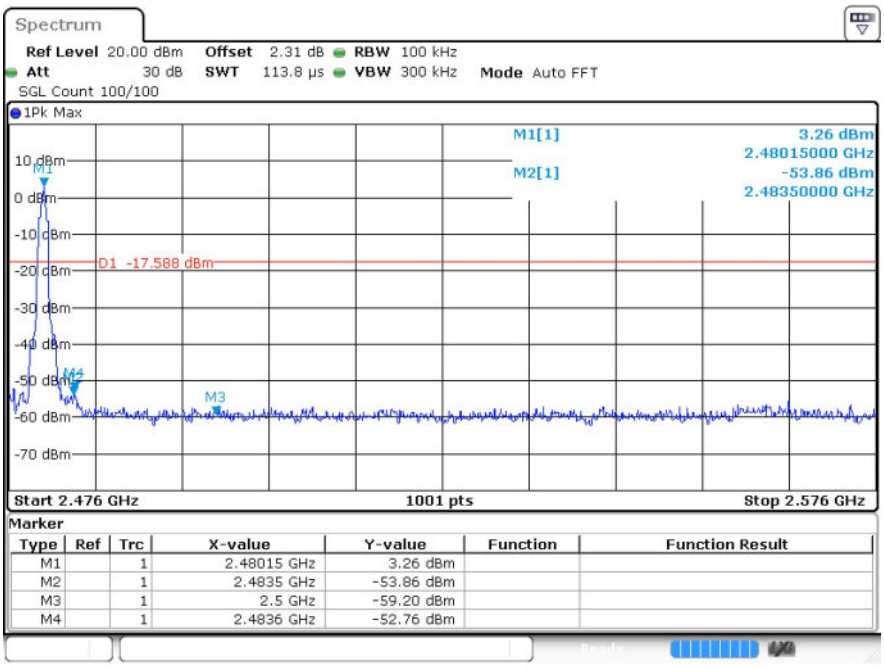
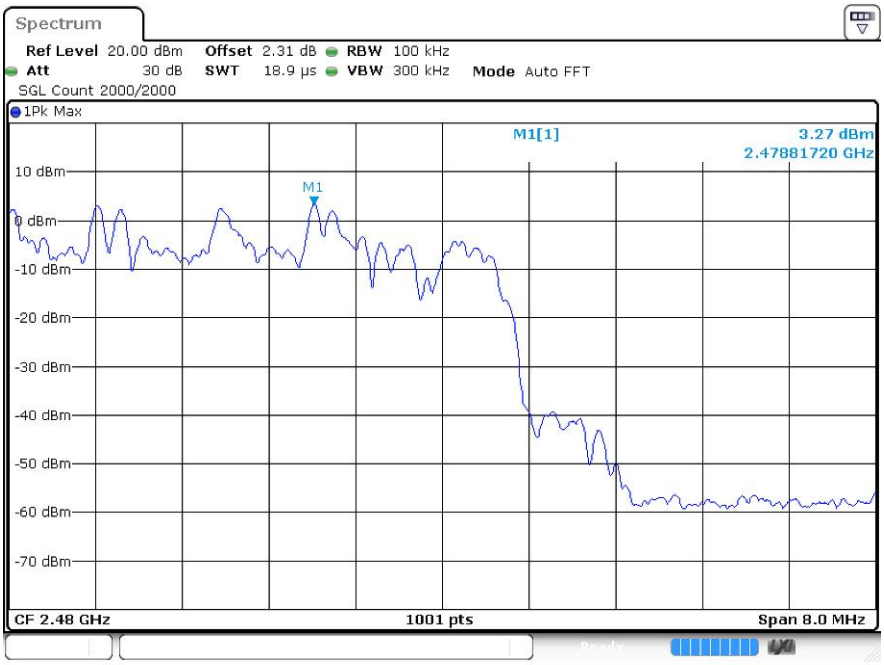
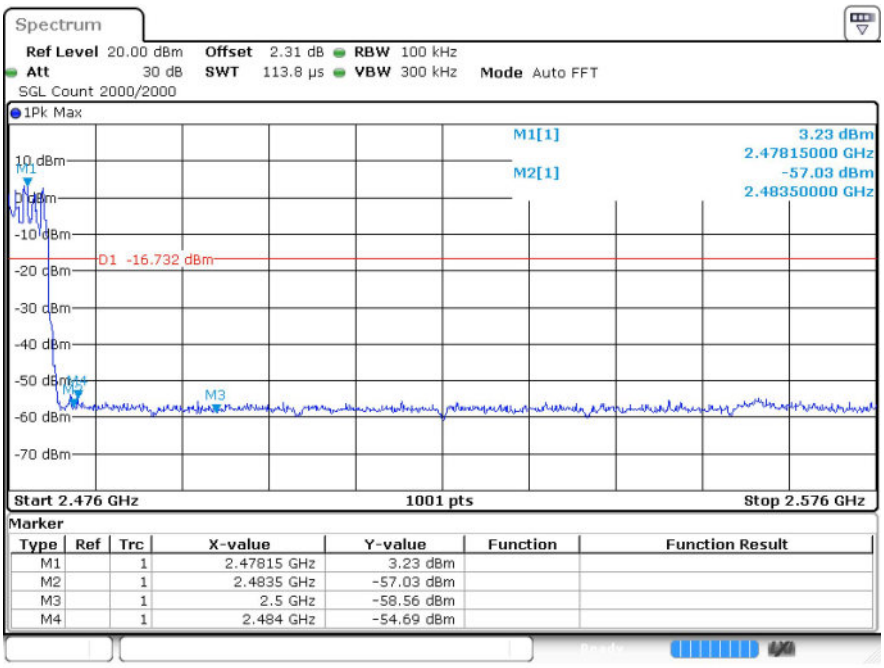
8DPSK/LCH/Hop	

Ref	
8DPSK/HCH/No Hop	

Ref	
8DPSK/HCH/Hop	

9 Restrict-band band-edge measurements

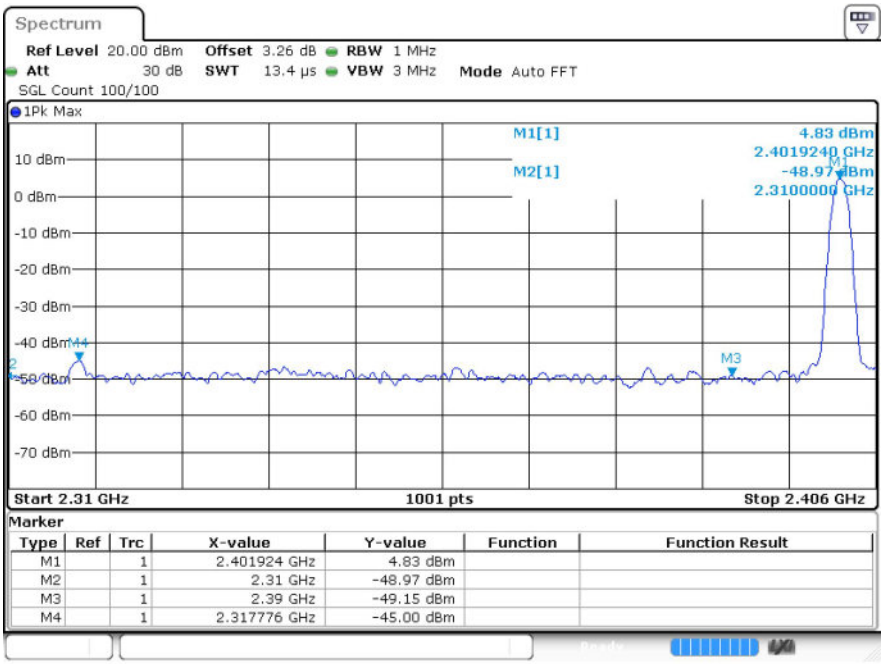
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-48.96	2	48.3	PEAK	74	Pass
	Off	2310.0	-57.02	2	40.24	AV	54	Pass
	Off	2317.776	-45	2	52.26	PEAK	74	Pass
	Off	2339.472	-55.8	2	41.46	AV	54	Pass
	Off	2390.0	-49.14	2	48.12	PEAK	74	Pass
	Off	2390.0	-57.22	2	40.04	AV	54	Pass
	Off	2483.5	-44.8	2	52.46	PEAK	74	Pass
	Off	2483.5	-54.07	2	43.19	AV	54	Pass
	Off	2483.848	-43.69	2	53.57	PEAK	74	Pass
	Off	2483.632	-53.99	2	43.27	AV	54	Pass
	Off	2500.0	-49.3	2	47.96	PEAK	74	Pass
	Off	2500.0	-57.16	2	40.1	AV	54	Pass
π/4DQPSK	Off	2310.0	-48.67	2	48.59	PEAK	74	Pass
	Off	2310.0	-57.72	2	39.54	AV	54	Pass
	Off	2339.376	-45.87	2	51.39	PEAK	74	Pass
	Off	2340.432	-55.51	2	41.75	AV	54	Pass
	Off	2390.0	-48.51	2	48.75	PEAK	74	Pass
	Off	2390.0	-57.35	2	39.91	AV	54	Pass
	Off	2483.5	-44.11	2	53.15	PEAK	74	Pass
	Off	2483.5	-53.82	2	43.44	AV	54	Pass
	Off	2483.512	-44.11	2	53.15	PEAK	74	Pass
	Off	2483.512	-53.82	2	43.44	AV	54	Pass
	Off	2500.0	-50.17	2	47.09	PEAK	74	Pass
	Off	2500.0	-57.43	2	39.83	AV	54	Pass
8DPSK	Off	2310.0	-50.12	2	47.14	PEAK	74	Pass
	Off	2310.0	-57.56	2	39.7	AV	54	Pass
	Off	2338.992	-46.49	2	50.77	PEAK	74	Pass
	Off	2341.104	-55.53	2	41.73	AV	54	Pass

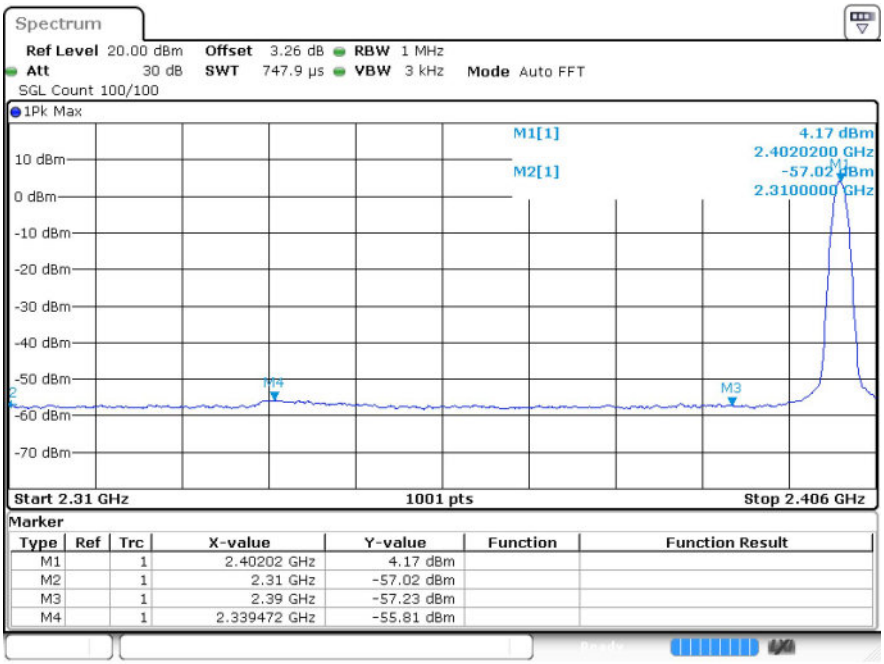
	Off	2390.0	-50.08	2	47.18	PEAK	74	Pass
	Off	2390.0	-57.91	2	39.35	AV	54	Pass
	Off	2483.5	-47.35	2	49.91	PEAK	74	Pass
	Off	2483.5	-53.71	2	43.55	AV	54	Pass
	Off	2494.456	-47.32	2	49.94	PEAK	74	Pass
	Off	2483.512	-53.71	2	43.55	AV	54	Pass
	Off	2500.0	-50.55	2	46.71	PEAK	74	Pass
	Off	2500.0	-56.9	2	40.36	AV	54	Pass

9.2 Test Graphs

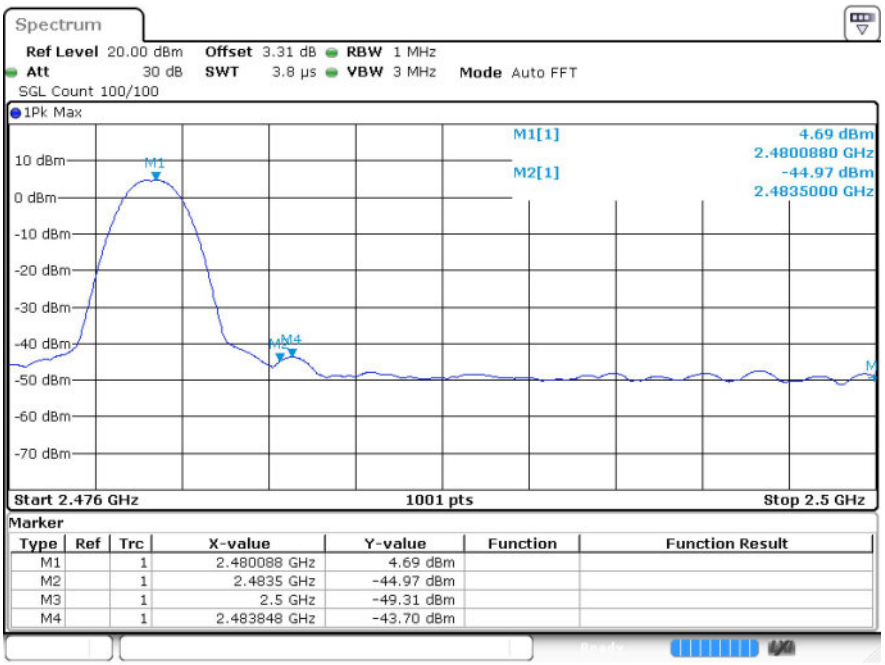
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



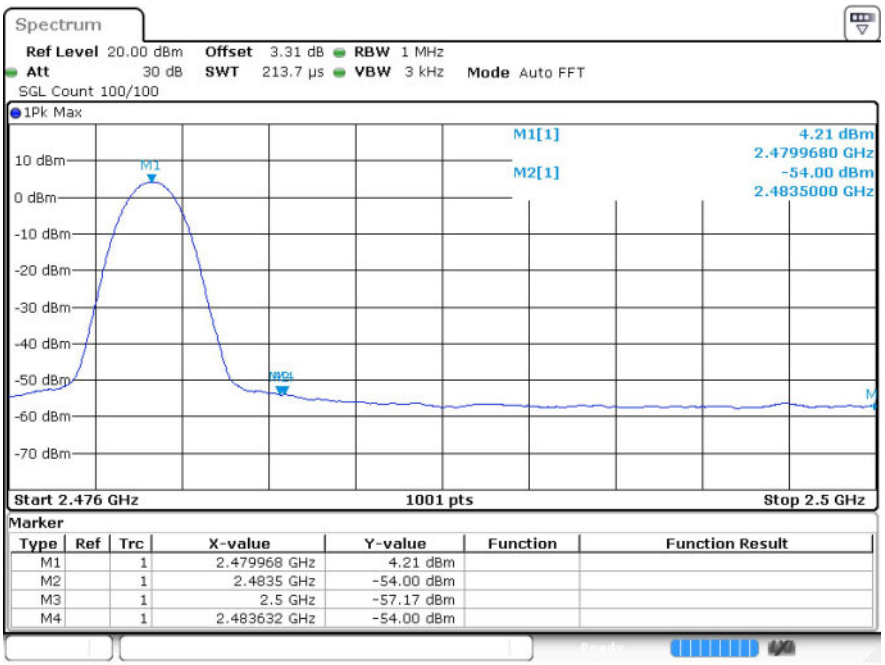
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



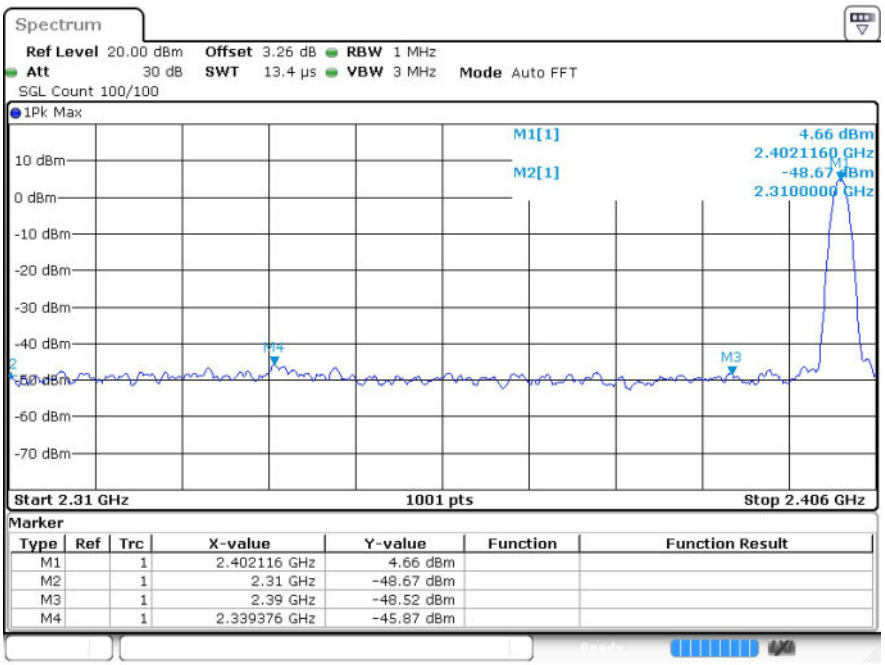
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



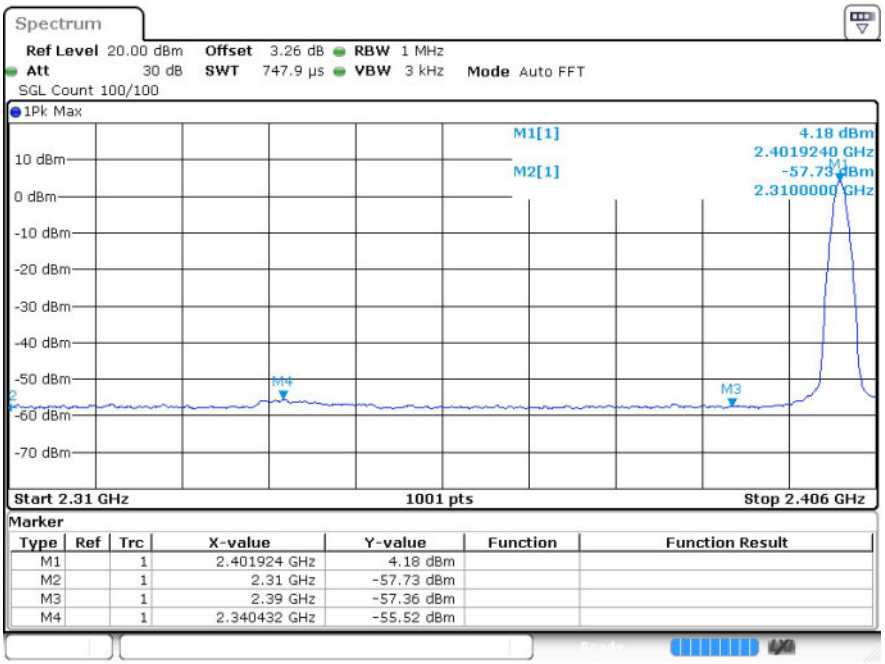
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



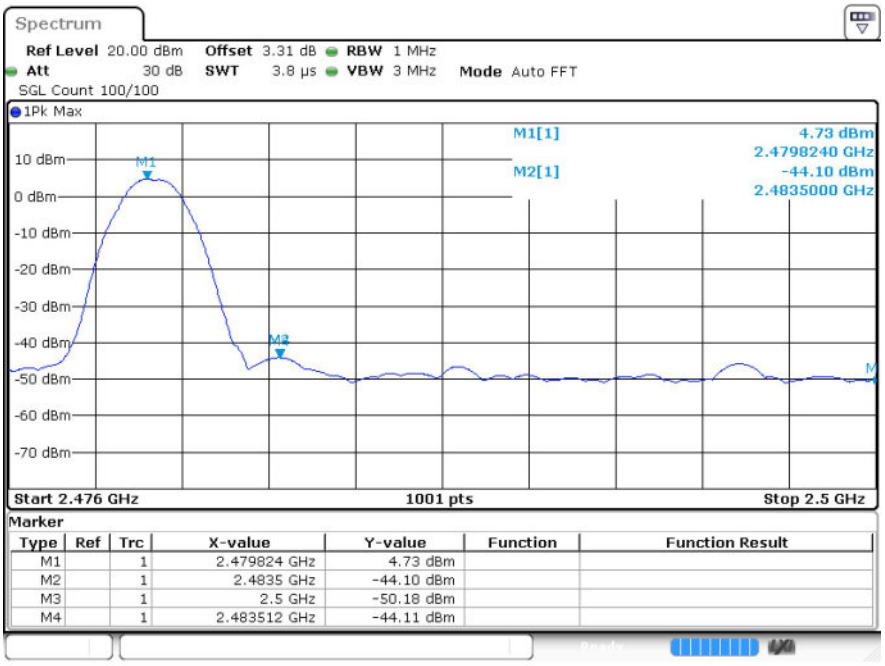
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



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



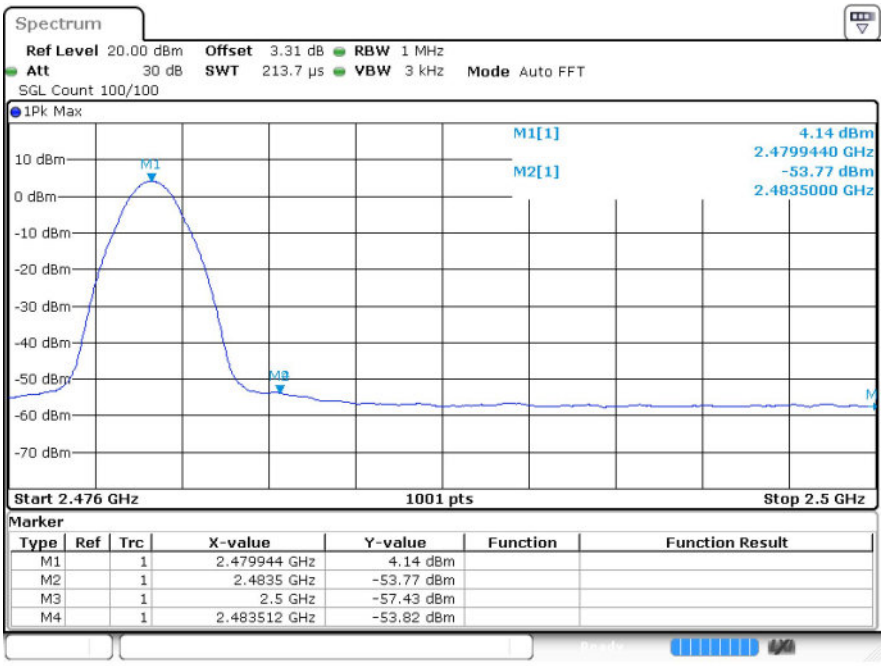
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.479824 GHz	4.73 dBm		
M2		1	2.4835 GHz	-44.10 dBm		
M3		1	2.5 GHz	-50.18 dBm		
M4		1	2.483512 GHz	-44.11 dBm		

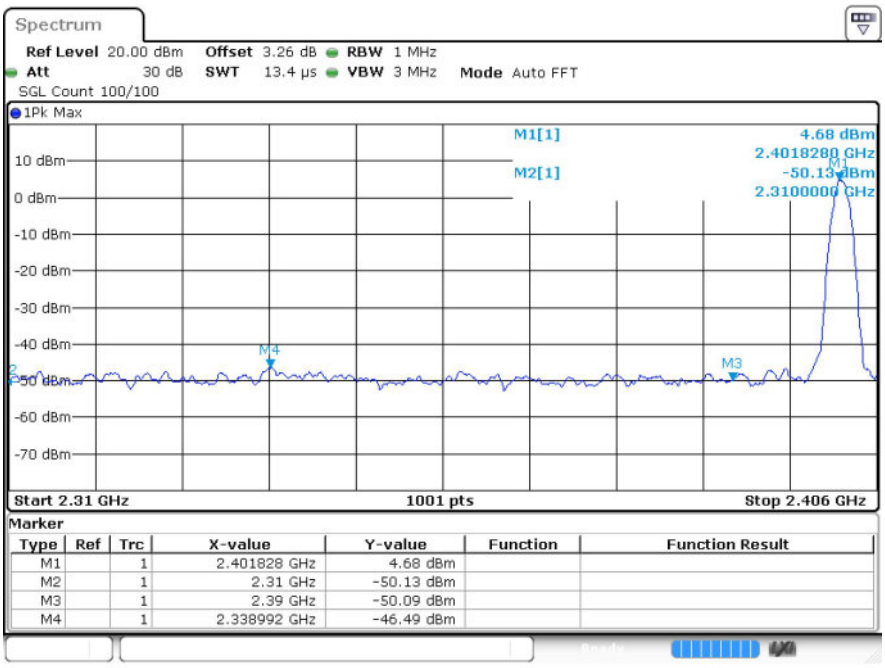
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



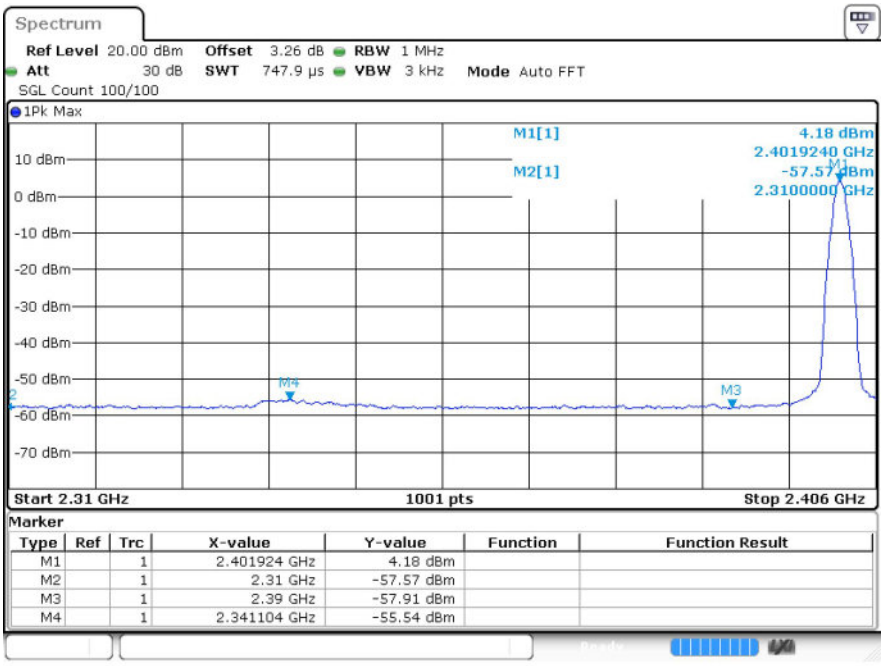
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.479944 GHz	4.14 dBm		
M2		1	2.4835 GHz	-53.77 dBm		
M3		1	2.5 GHz	-57.43 dBm		
M4		1	2.483512 GHz	-53.82 dBm		

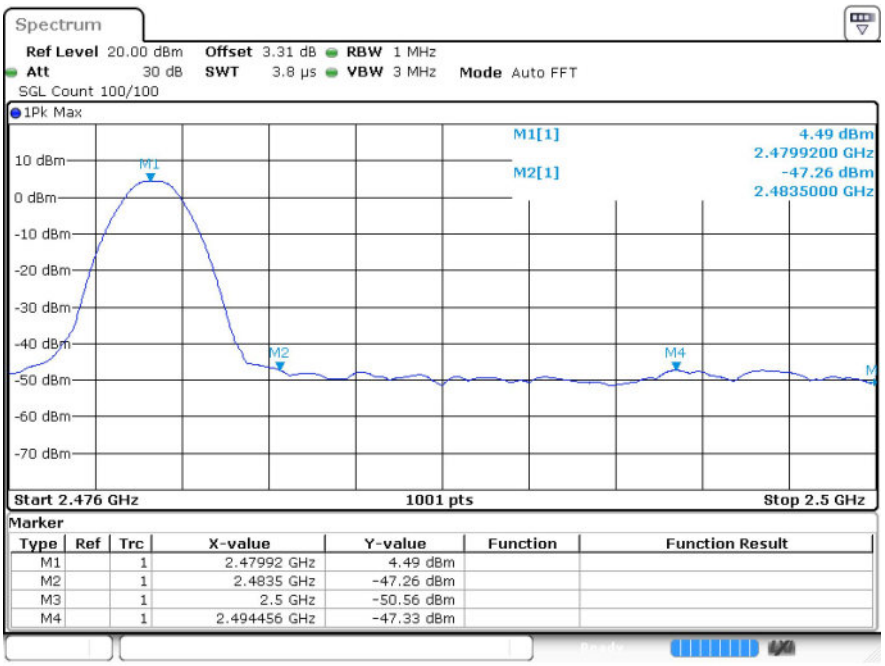
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



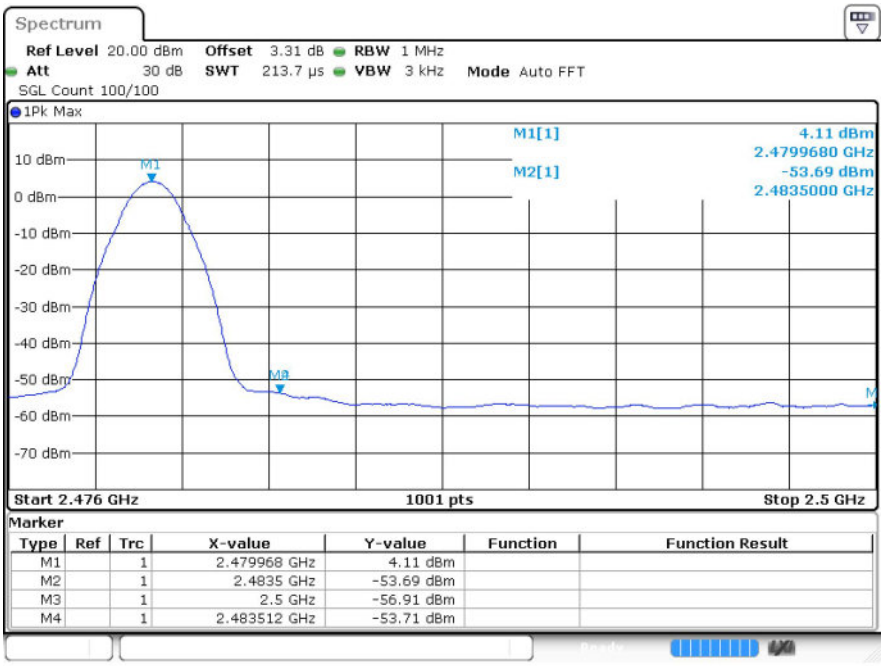
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---