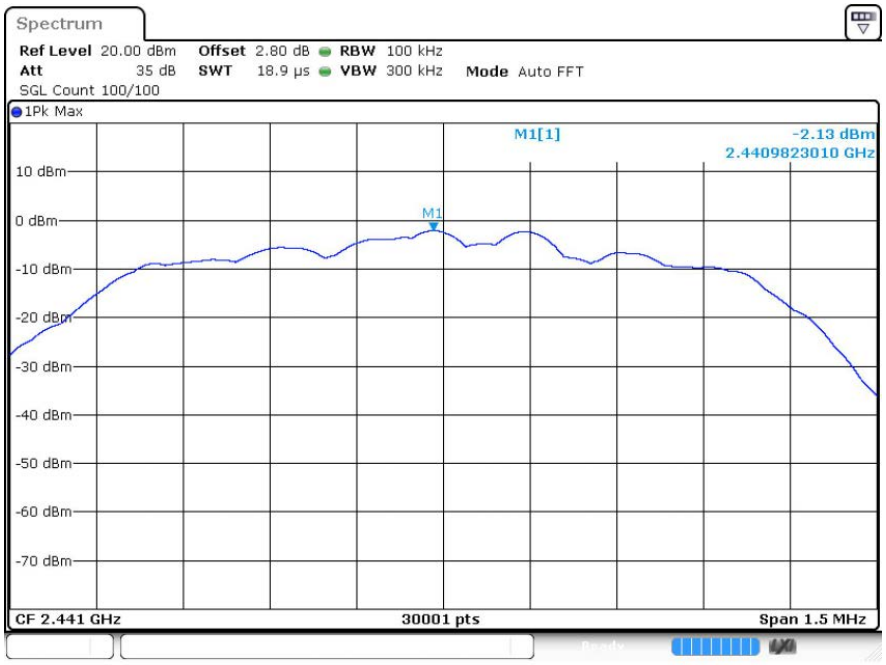
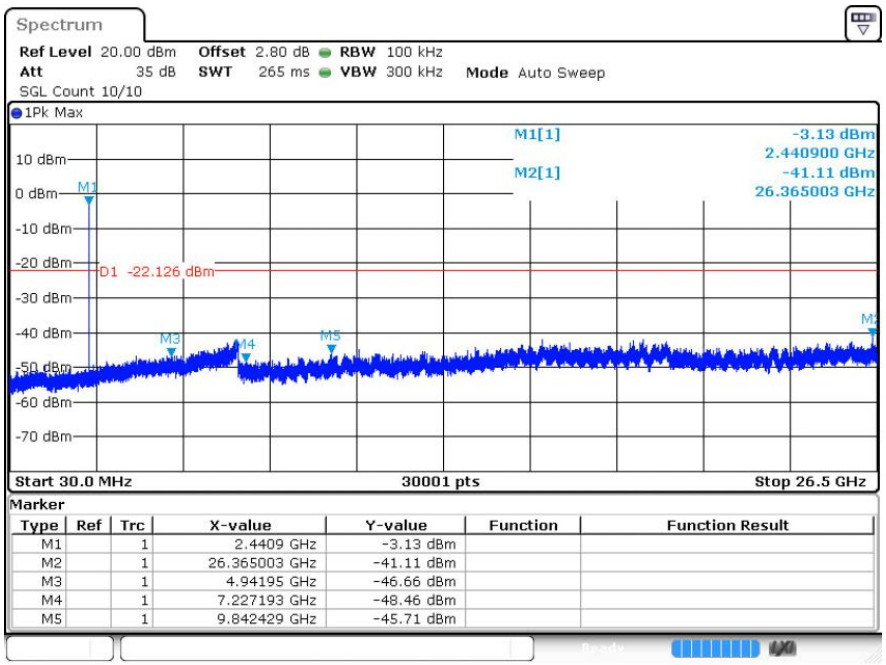
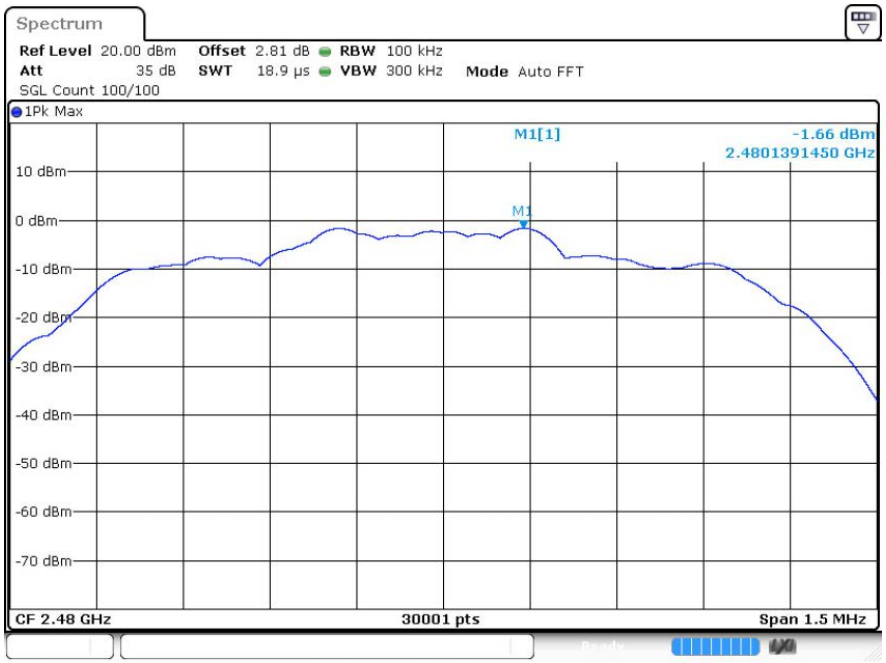
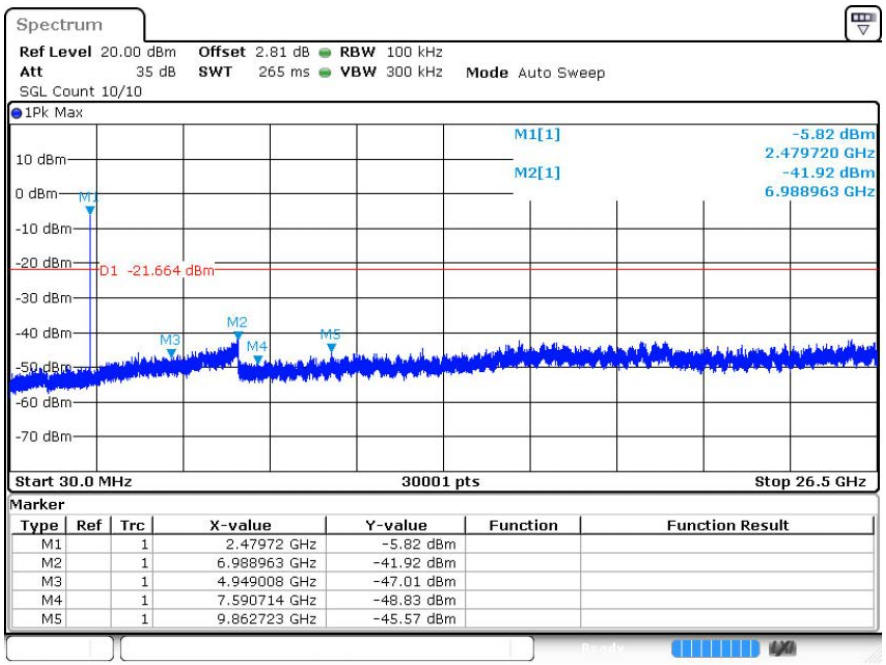
8DPSK_MCH_Graphs	
Pref	
Puw	

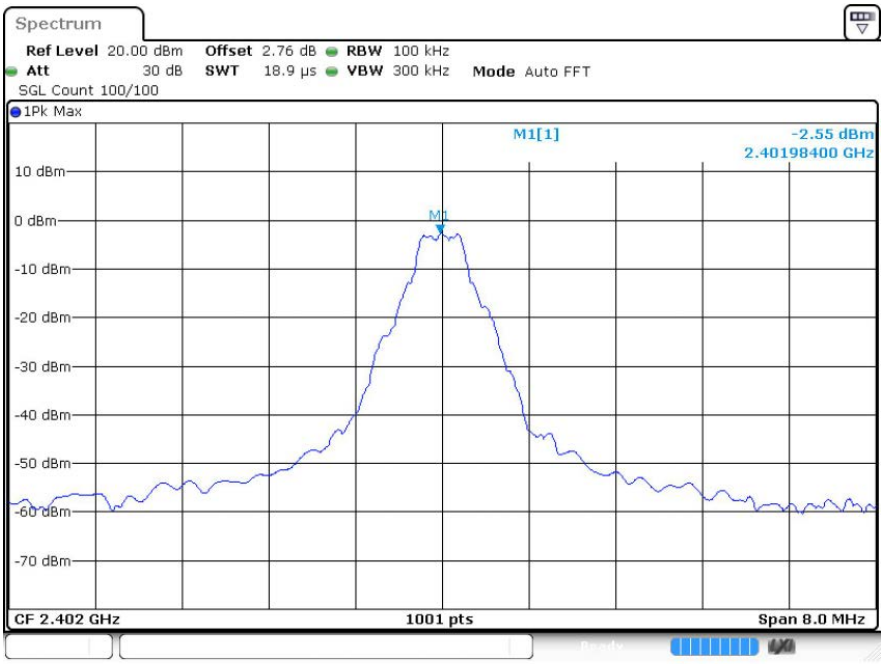
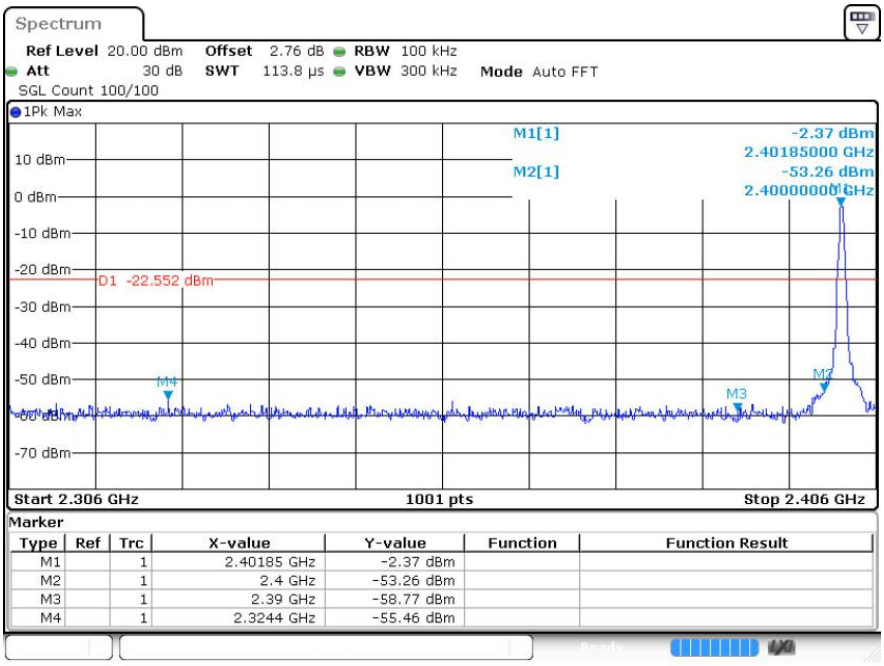
8DPSK_HCH_Graphs	
Pref	
Puw	

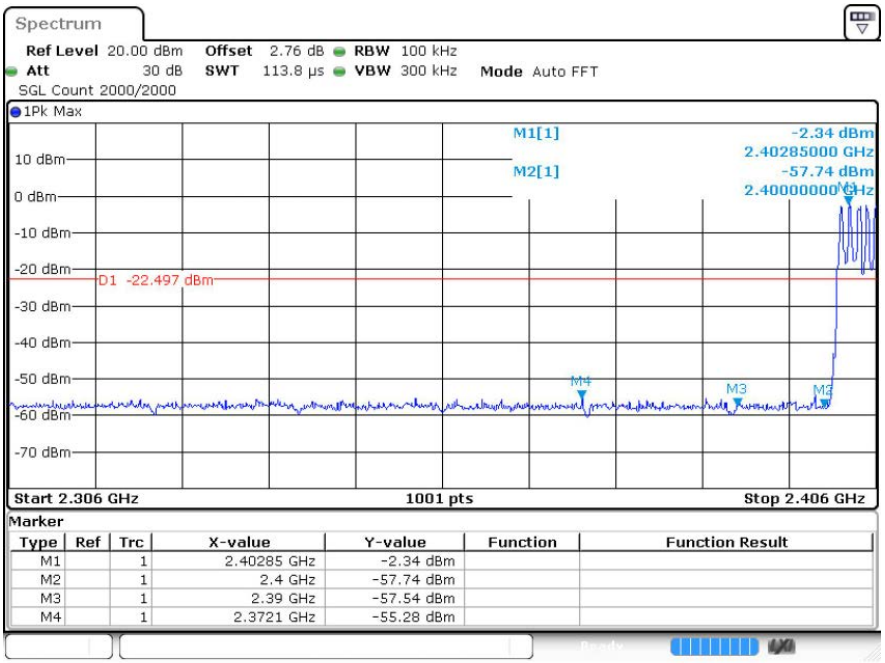
8 Band-edge for RF Conducted Emissions

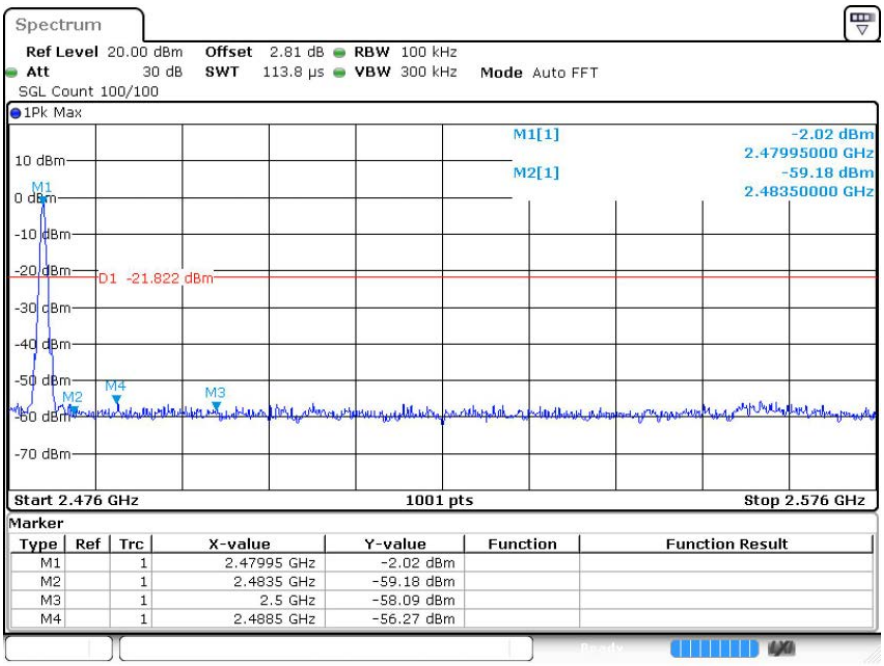
8.1 Test Result

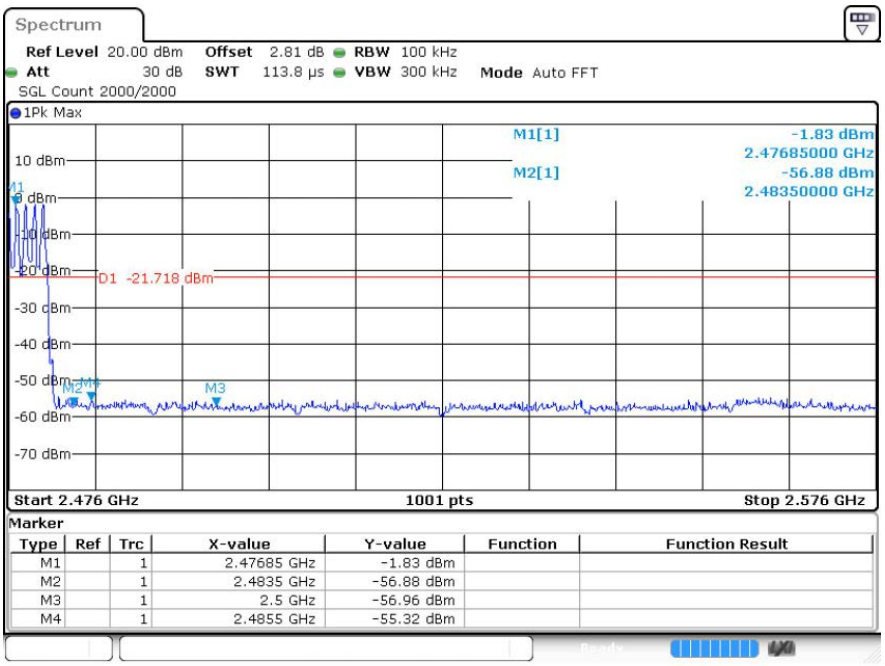
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-52.91	-20	Pass
			On	-52.78	-20	Pass
	HCH	2480	Off	-54.45	-20	Pass
			On	-53.6	-20	Pass
π/4DQPSK	LCH	2402	Off	-53.37	-20	Pass
			On	-49.03	-20	Pass
	HCH	2480	Off	-54.56	-20	Pass
			On	-43.5	-20	Pass
8DPSK	LCH	2402	Off	-54.03	-20	Pass
			On	-50.09	-20	Pass
	HCH	2480	Off	-55.53	-20	Pass
			On	-43.68	-20	Pass

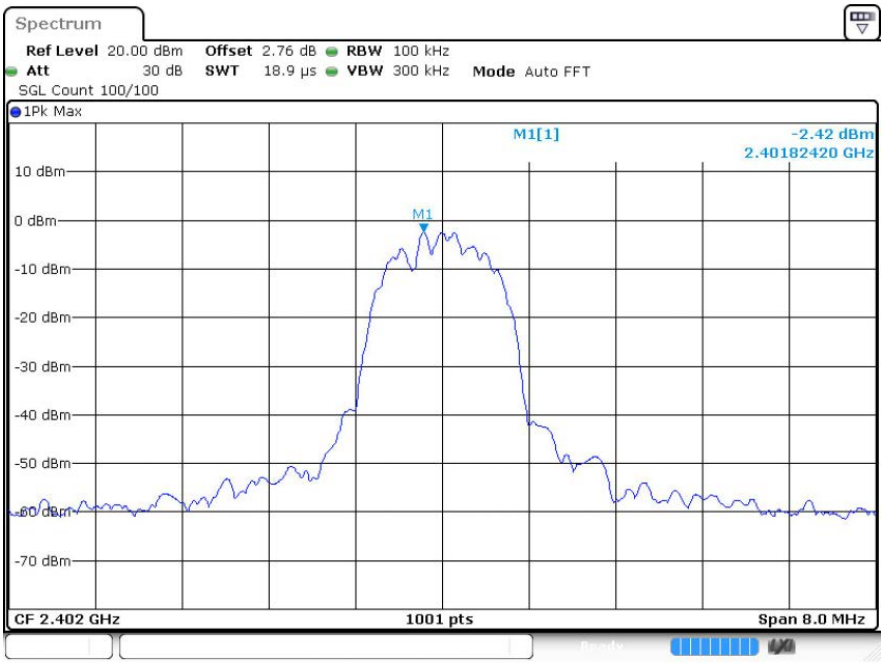
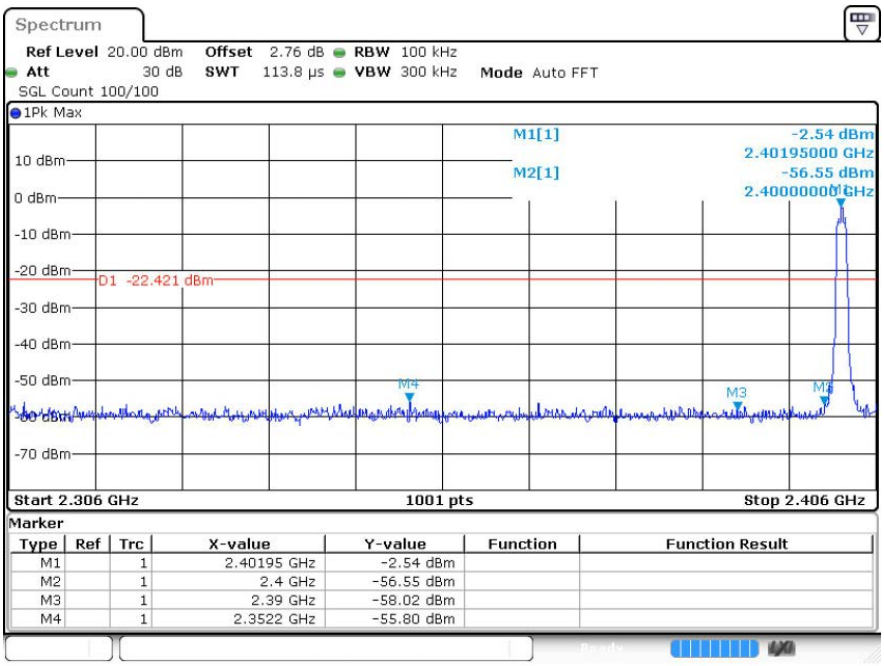
8.2 Test Graphs

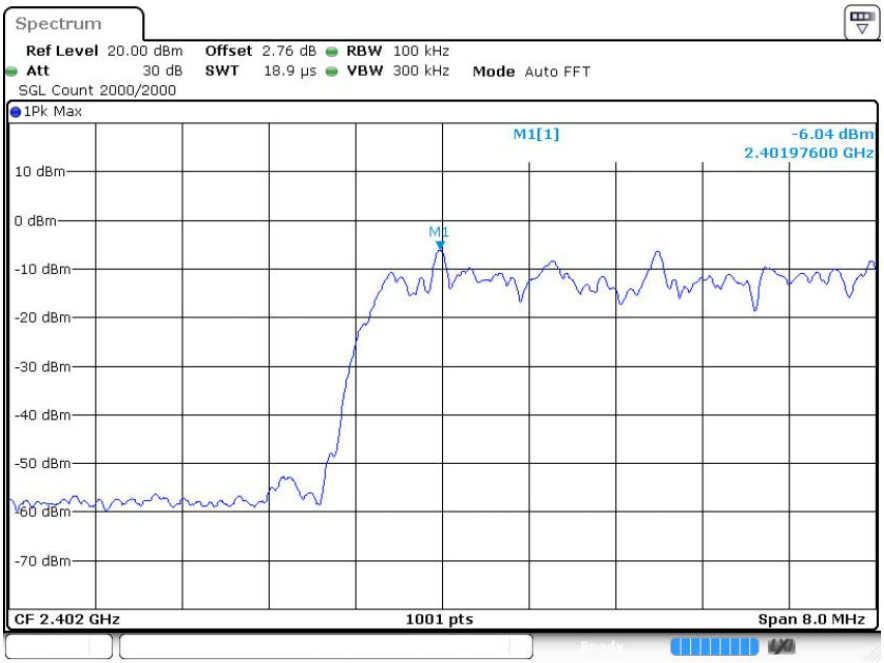
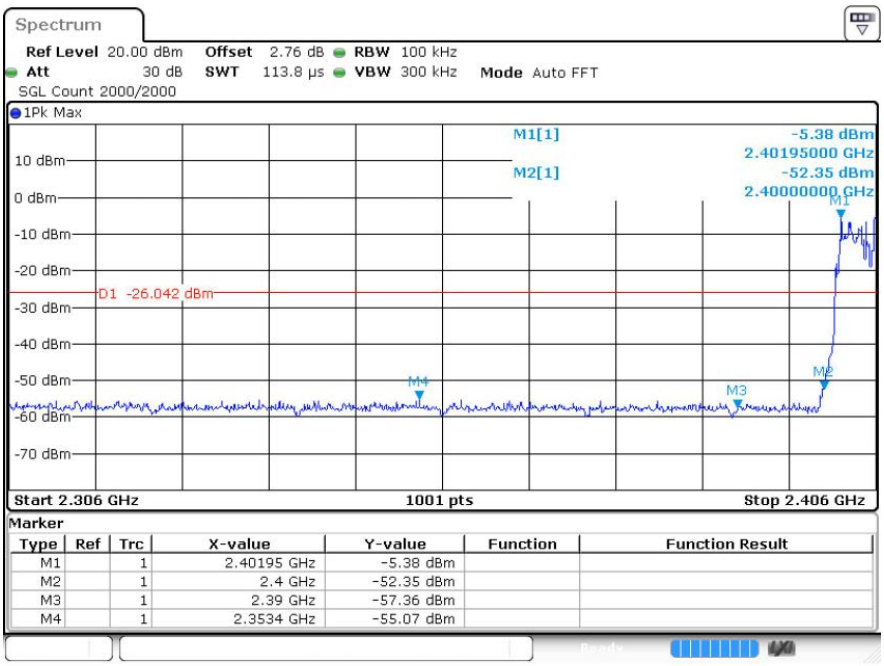
Test Graphs	
Pref	
GFSK/LCH/No Hop	

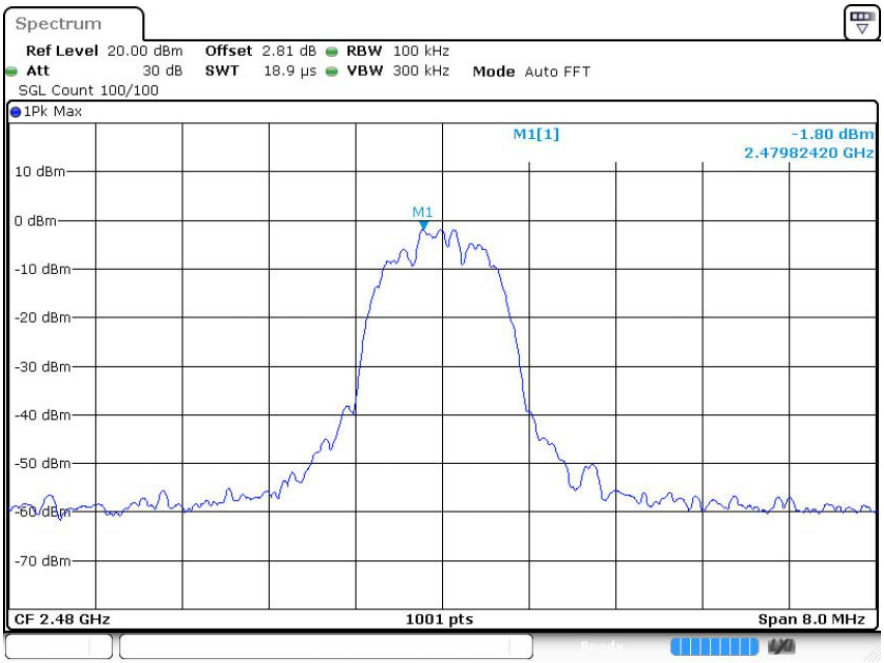
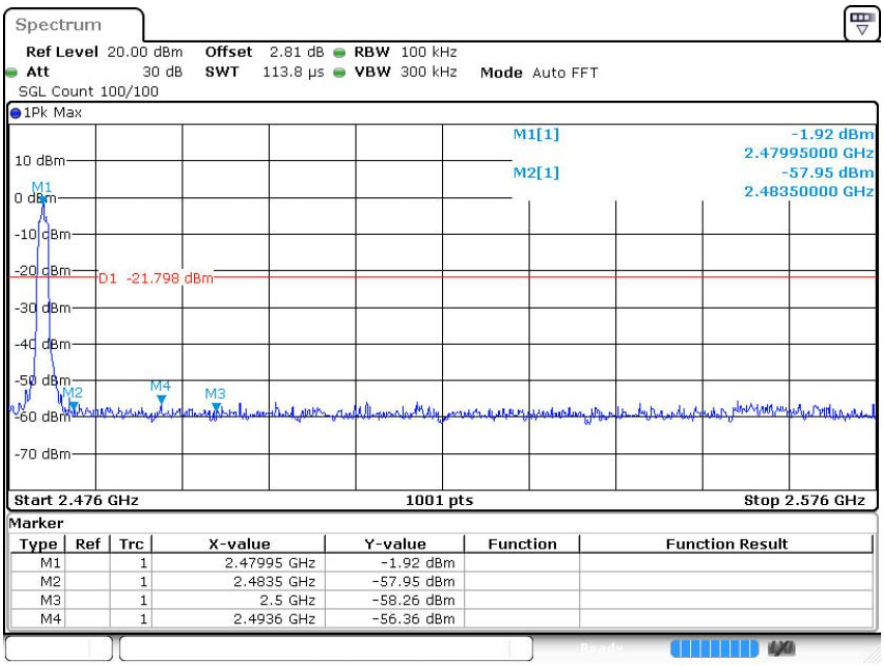
Ref	
GFSK/LCH/Hop	

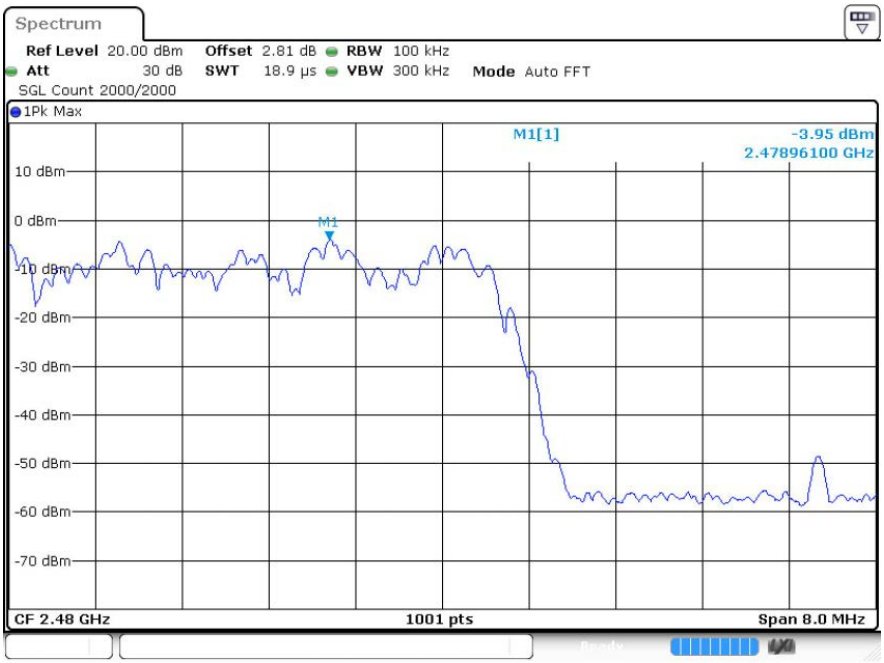
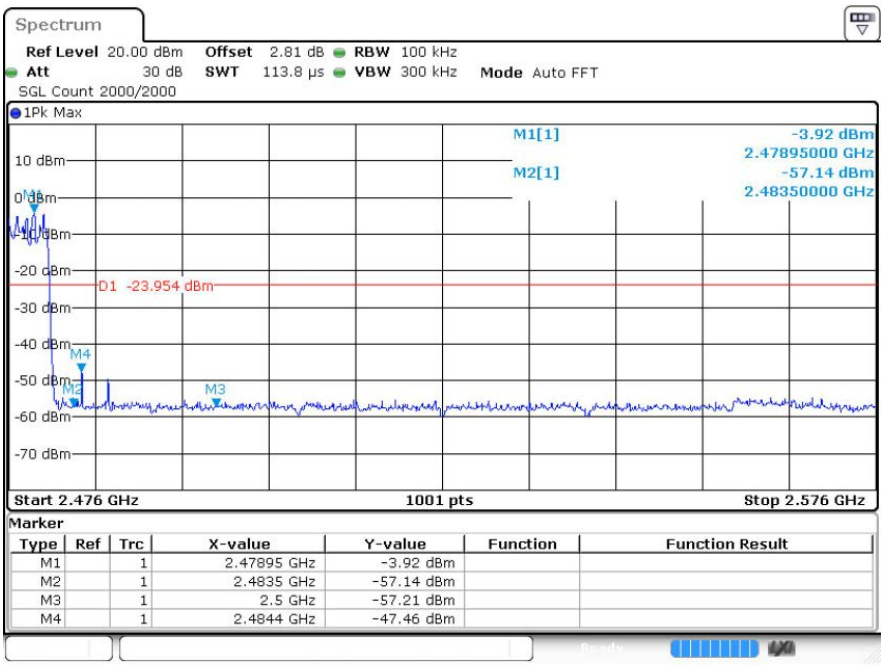
Ref	
GFSK/HCH/No Hop	

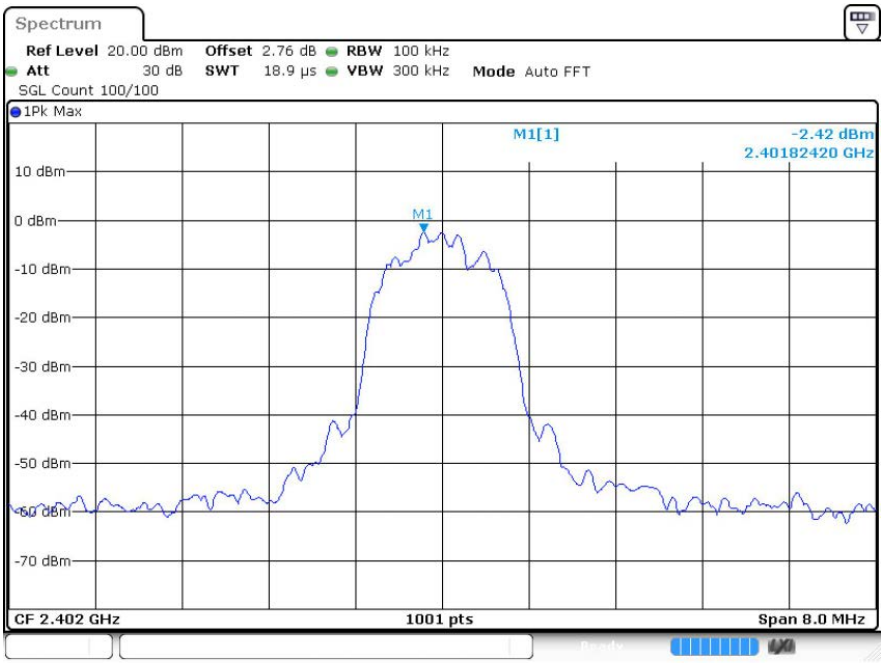
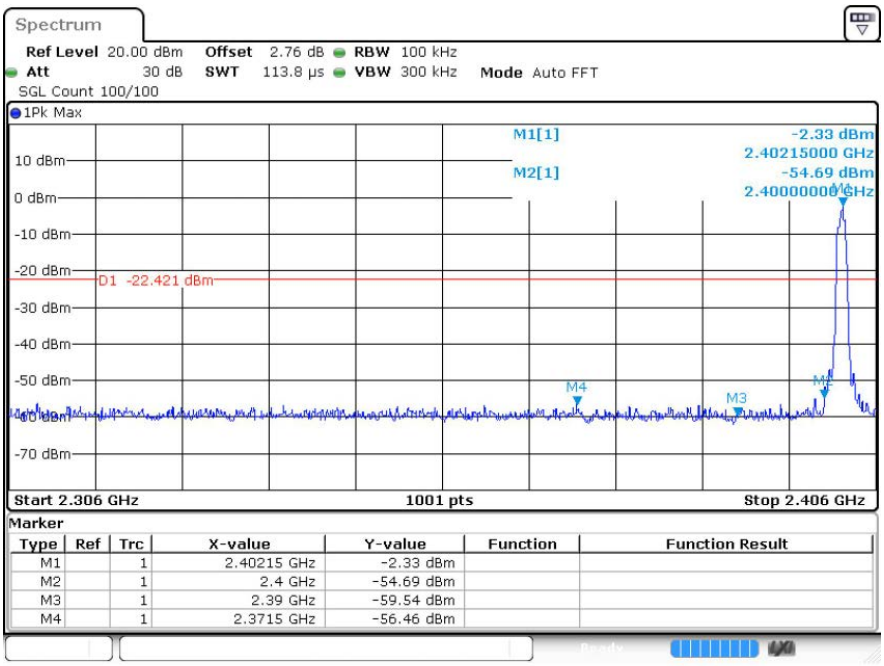
Ref.	
GFSK/HCH/Hop	

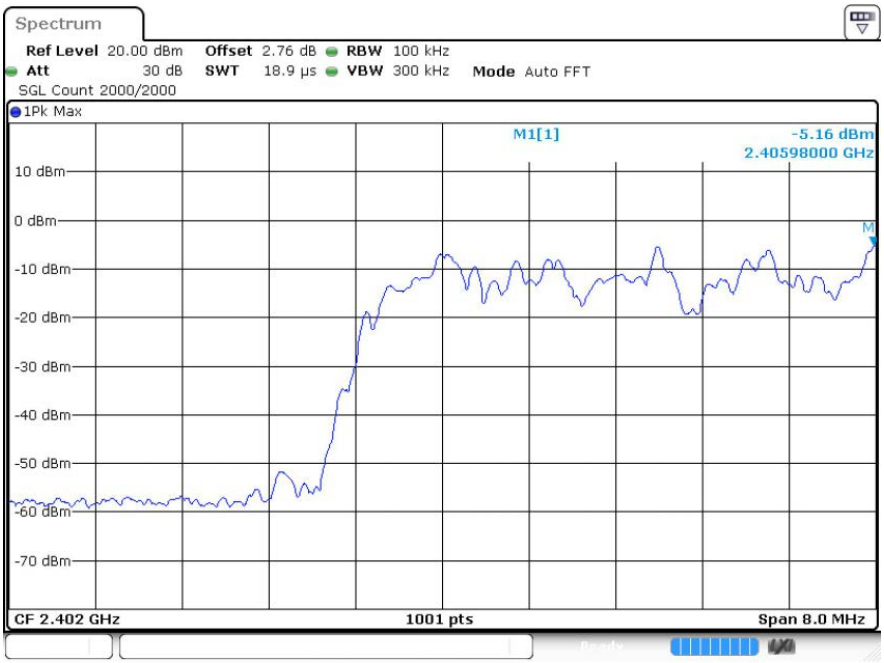
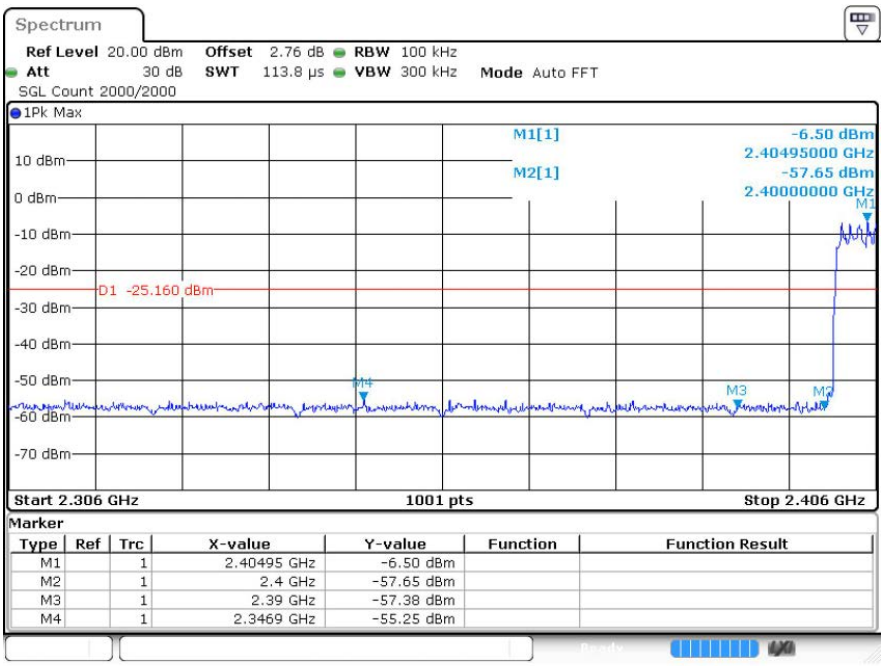
Ref	
π/4DQPSK/LCH/No Hop	

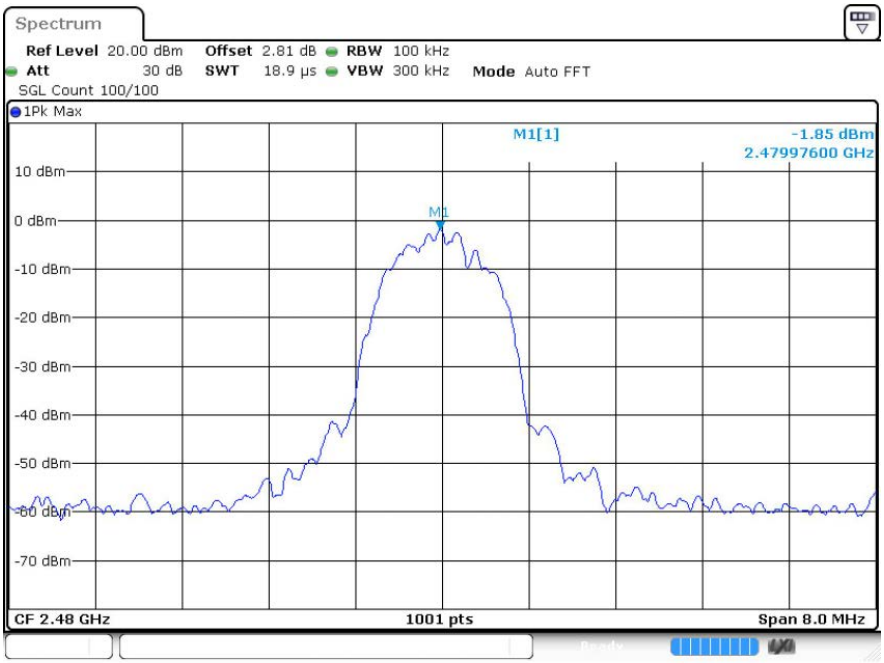
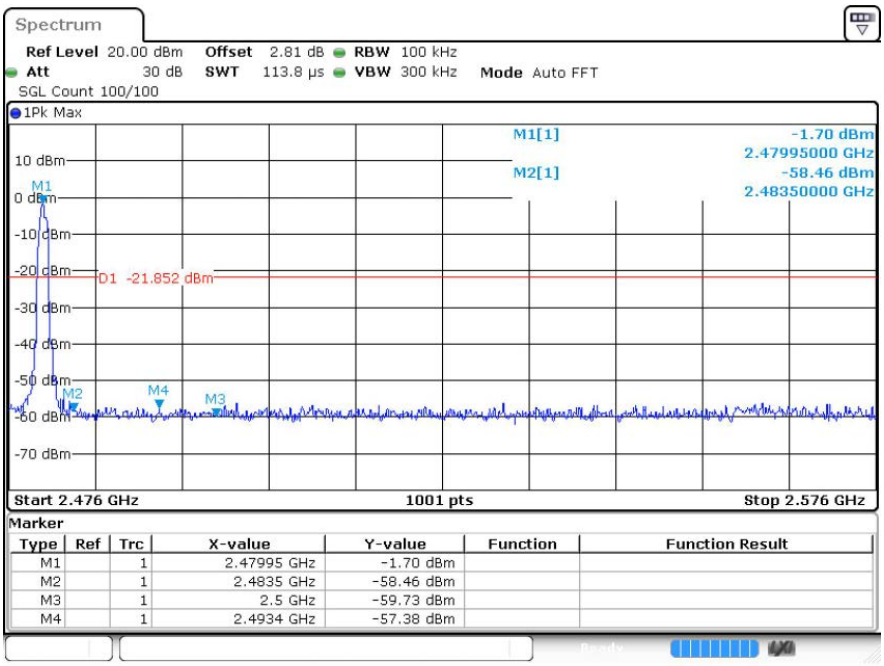
Ref	
π/4DQPSK/LCH/Hop	

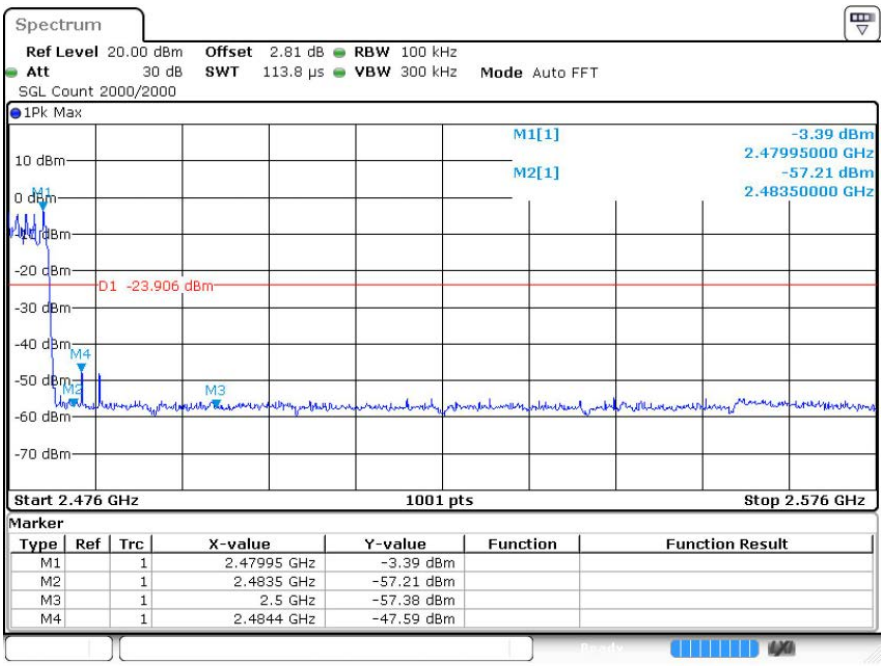
Ref	
π/4DQPSK/HCH/No Hop	

Ref	
π/4DQPSK/HCH/Hop	

Ref	
8DPSK/LCH/No Hop	

Ref	
8DPSK/LCH/Hop	

Ref	
8DPSK/HCH/No Hop	

Ref	
8DPSK/HCH/Hop	

9 Restrict-band band-edge measurements

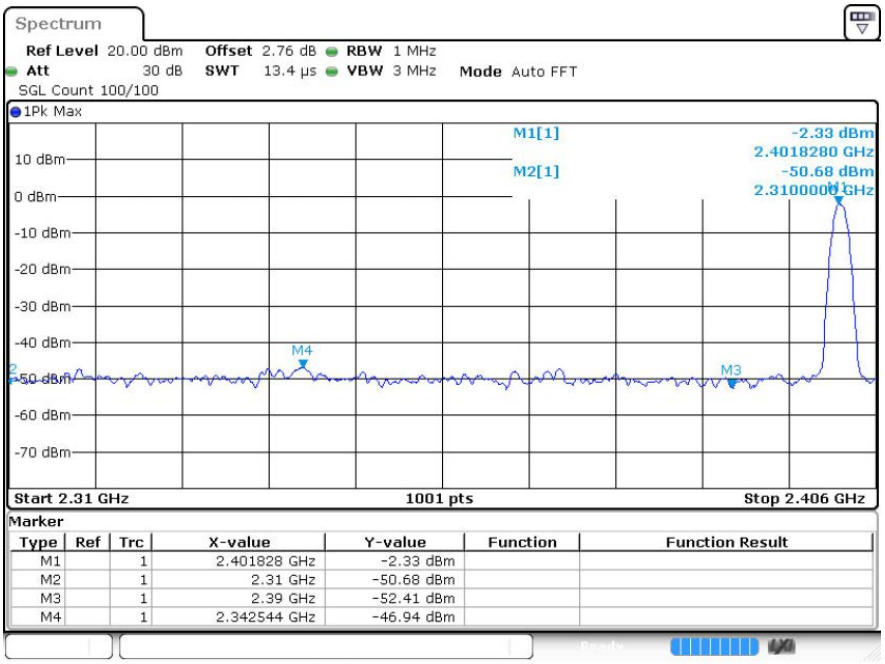
9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-50.68	2	-	46.58	PEAK	74	Pass
	Off	2310.0	-56.61	2	4.65	45.3	AV	54	Pass
	Off	2342.544	-46.93	2	-	50.33	PEAK	74	Pass
	Off	2339.952	-54.97	2	4.65	46.94	AV	54	Pass
	Off	2390.0	-52.41	2	-	44.85	PEAK	74	Pass
	Off	2390.0	-57.26	2	4.65	44.65	AV	54	Pass
	Off	2483.5	-50	2	-	47.26	PEAK	74	Pass
	Off	2483.5	-55.79	2	4.74	46.21	AV	54	Pass
	Off	2485.024	-46.81	2	-	50.45	PEAK	74	Pass
	Off	2487.328	-55.54	2	4.74	46.46	AV	54	Pass
	Off	2500.0	-49.84	2	-	47.42	PEAK	74	Pass
	Off	2500.0	-56.56	2	4.74	45.44	AV	54	Pass
π/4DQPSK	Off	2310.0	-51.19	2	-	46.07	PEAK	74	Pass
	Off	2310.0	-57.35	2	4.53	44.44	AV	54	Pass
	Off	2321.904	-46.07	2	-	51.19	PEAK	74	Pass
	Off	2338.128	-53.94	2	4.53	47.85	AV	54	Pass
	Off	2390.0	-49.25	2	-	48.01	PEAK	74	Pass
	Off	2390.0	-57.16	2	4.53	44.63	AV	54	Pass
	Off	2483.5	-49.38	2	-	47.88	PEAK	74	Pass
	Off	2483.5	-55.8	2	4.54	46	AV	54	Pass
	Off	2489.32	-48.1	2	-	49.16	PEAK	74	Pass
	Off	2485.864	-55.32	2	4.54	46.48	AV	54	Pass
	Off	2500.0	-50.7	2	-	46.56	PEAK	74	Pass
	Off	2500.0	-56.03	2	4.54	45.77	AV	54	Pass
8DPSK	Off	2310.0	-49.56	2	-	47.7	PEAK	74	Pass
	Off	2310.0	-56.54	2	4.55	45.27	AV	54	Pass
	Off	2337.936	-45.76	2	-	51.5	PEAK	74	Pass
	Off	2338.128	-54.63	2	4.55	47.18	AV	54	Pass

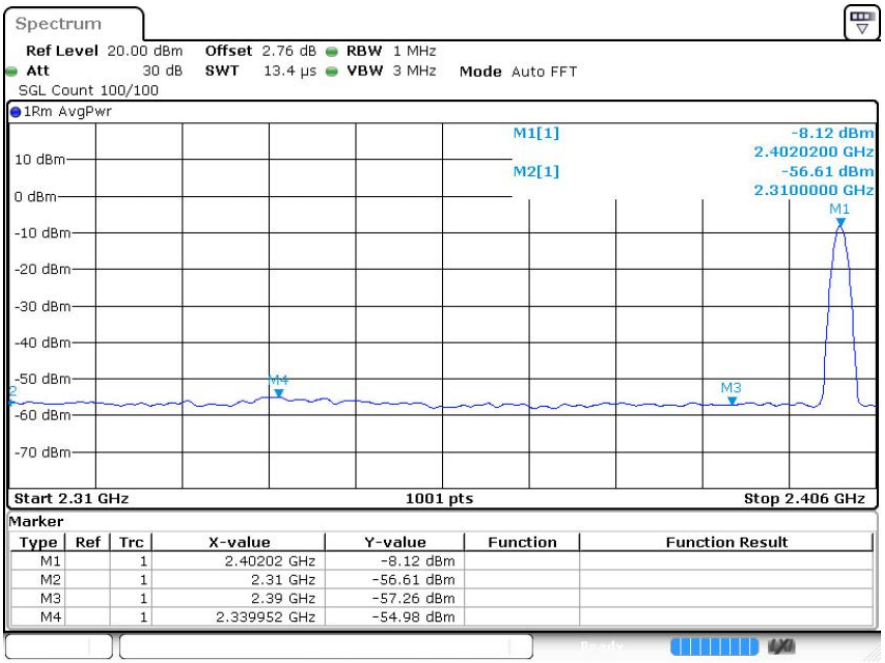
	Off	2390.0	-50.39	2	-	46.87	PEAK	74	Pass
	Off	2390.0	-56.93	2	4.55	44.88	AV	54	Pass
	Off	2483.5	-51.13	2	-	46.13	PEAK	74	Pass
	Off	2483.5	-56.61	2	4.63	45.28	AV	54	Pass
	Off	2485.144	-47.35	2	-	49.91	PEAK	74	Pass
	Off	2485.648	-55.67	2	4.63	46.22	AV	54	Pass
	Off	2500.0	-51.2	2	-	46.06	PEAK	74	Pass
	Off	2500.0	-56.53	2	4.63	45.36	AV	54	Pass

9.2 Test Graphs

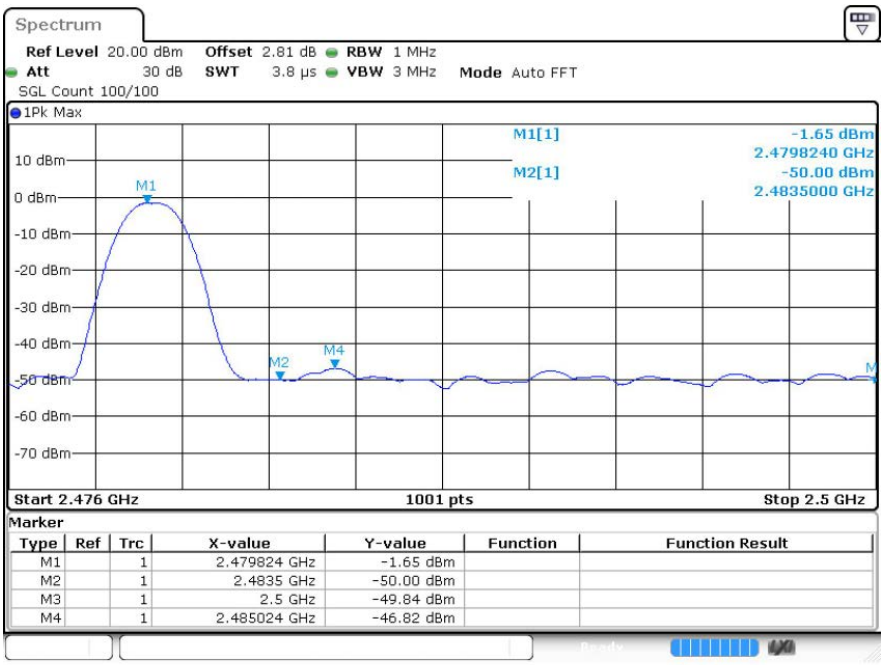
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



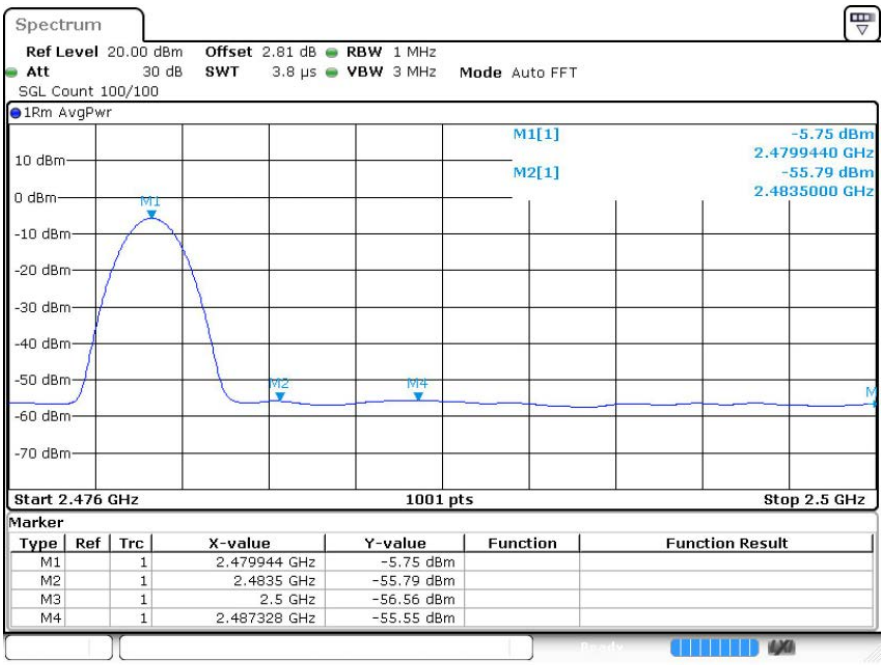
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



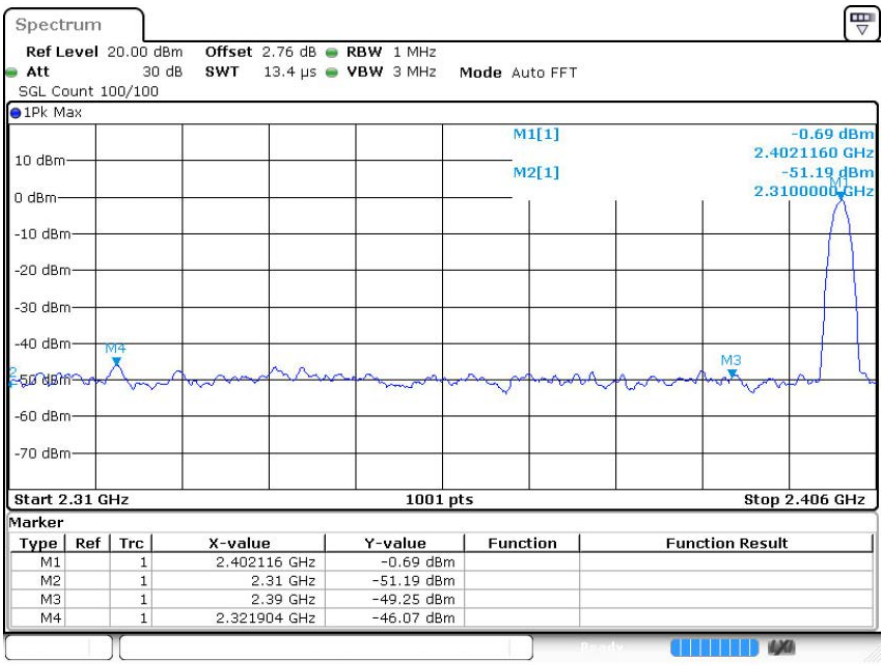
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



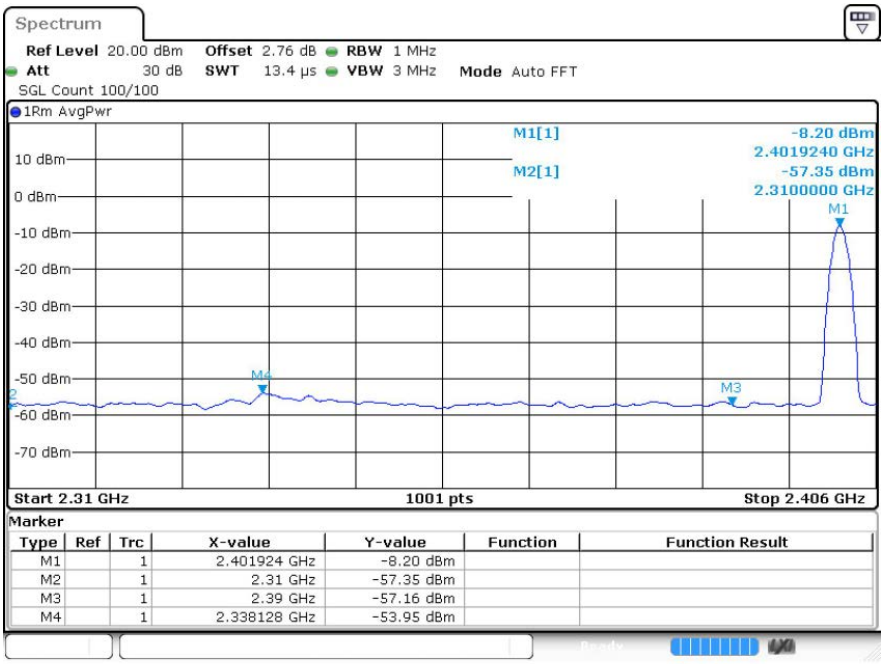
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



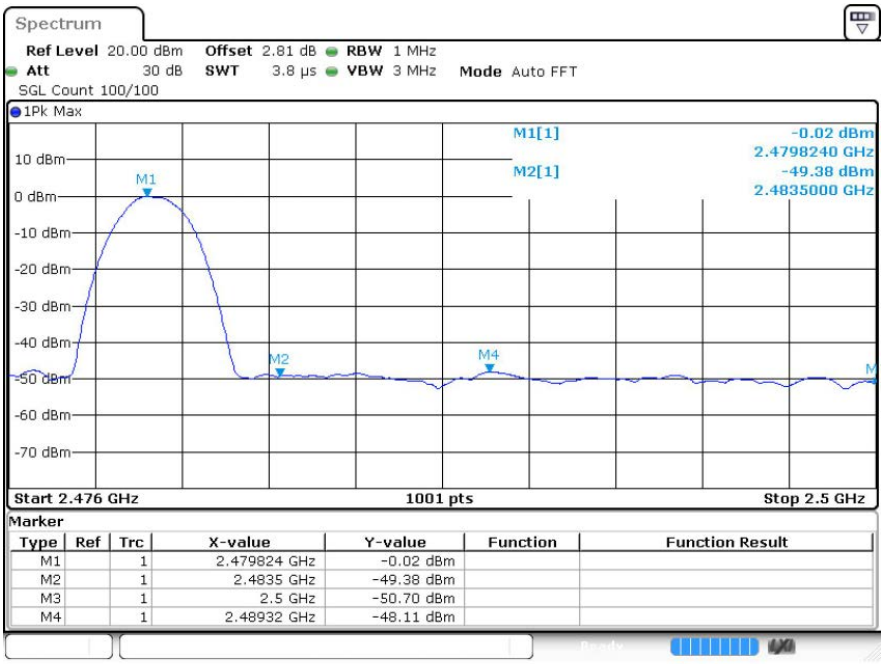
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



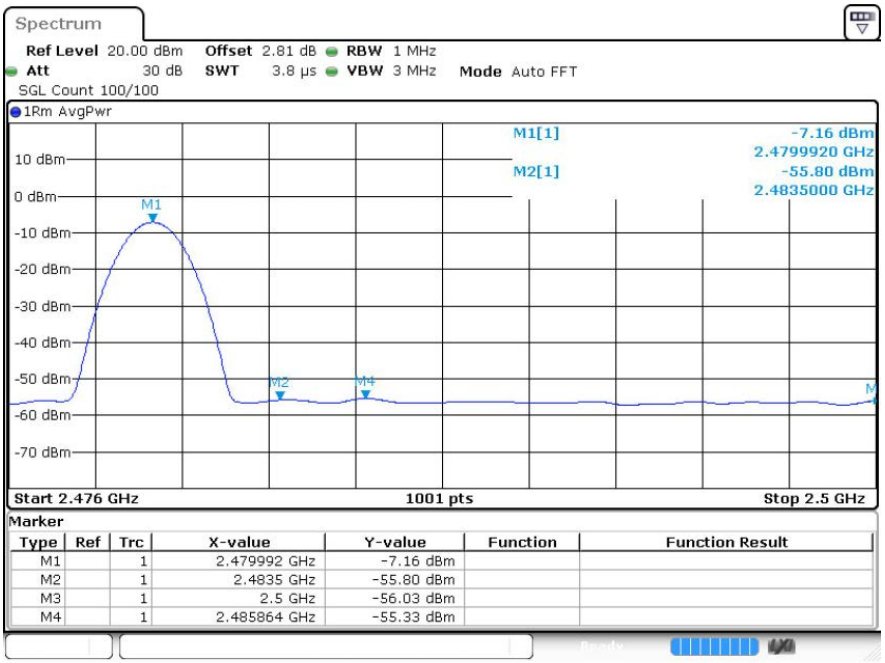
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



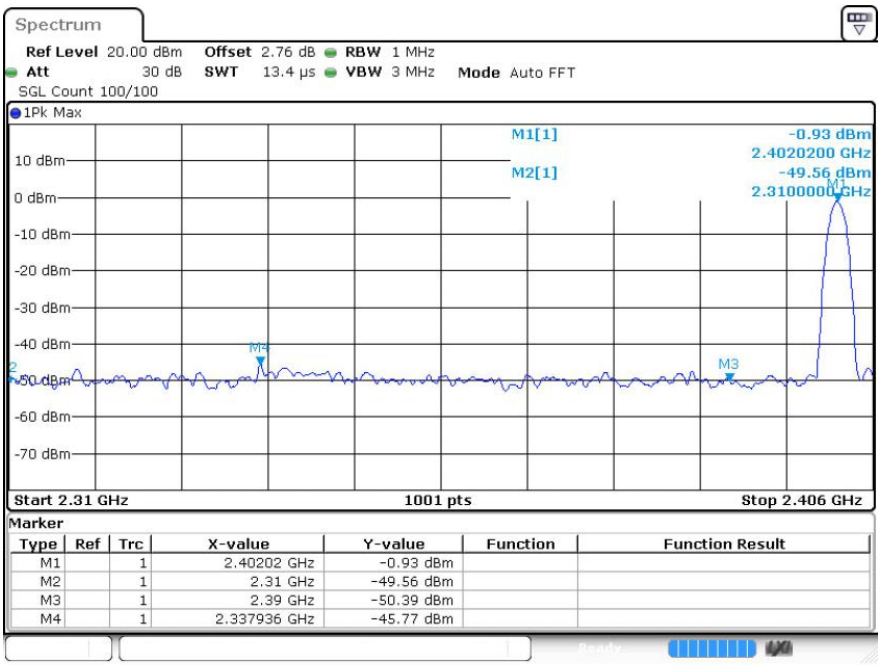
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



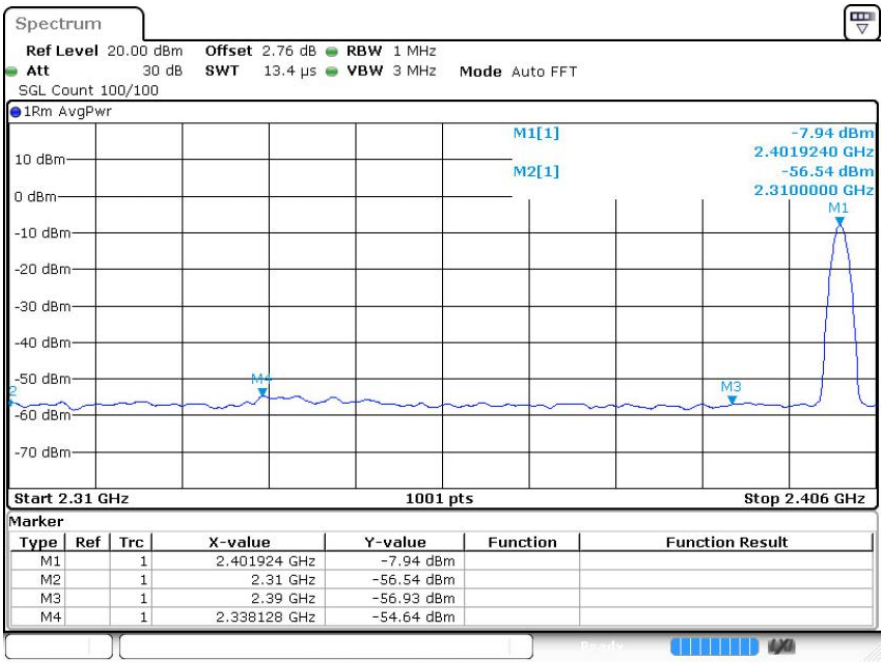
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



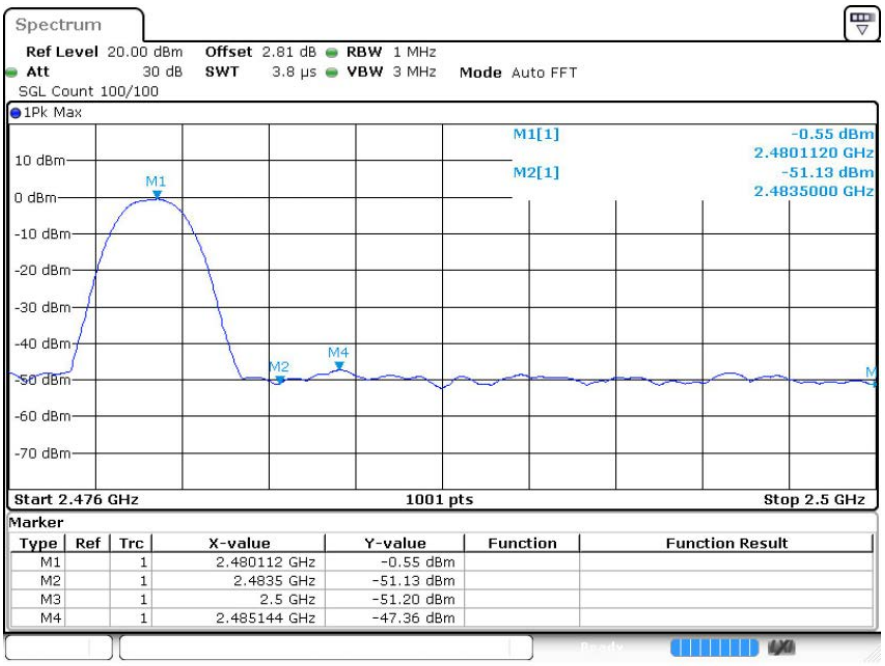
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



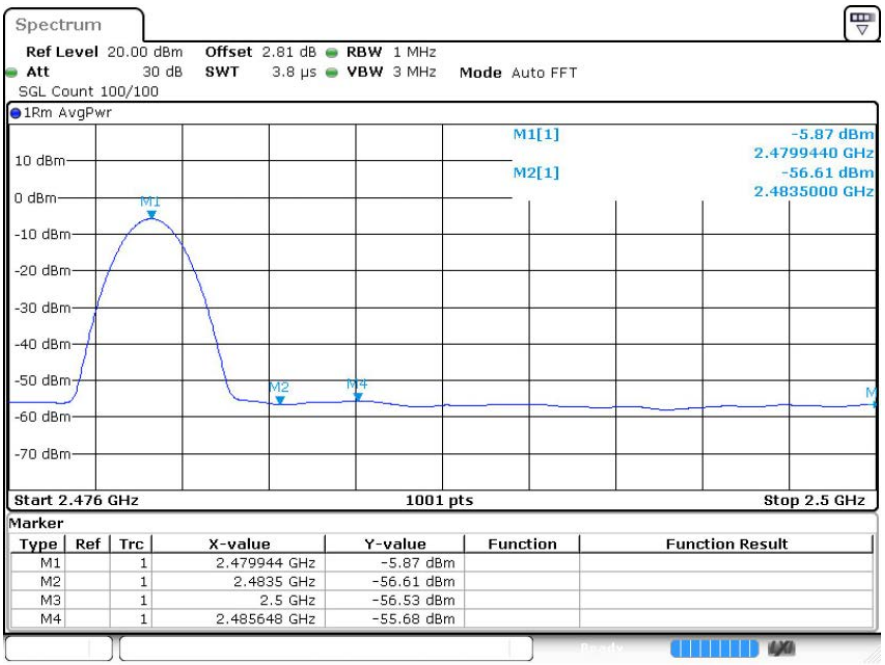
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---