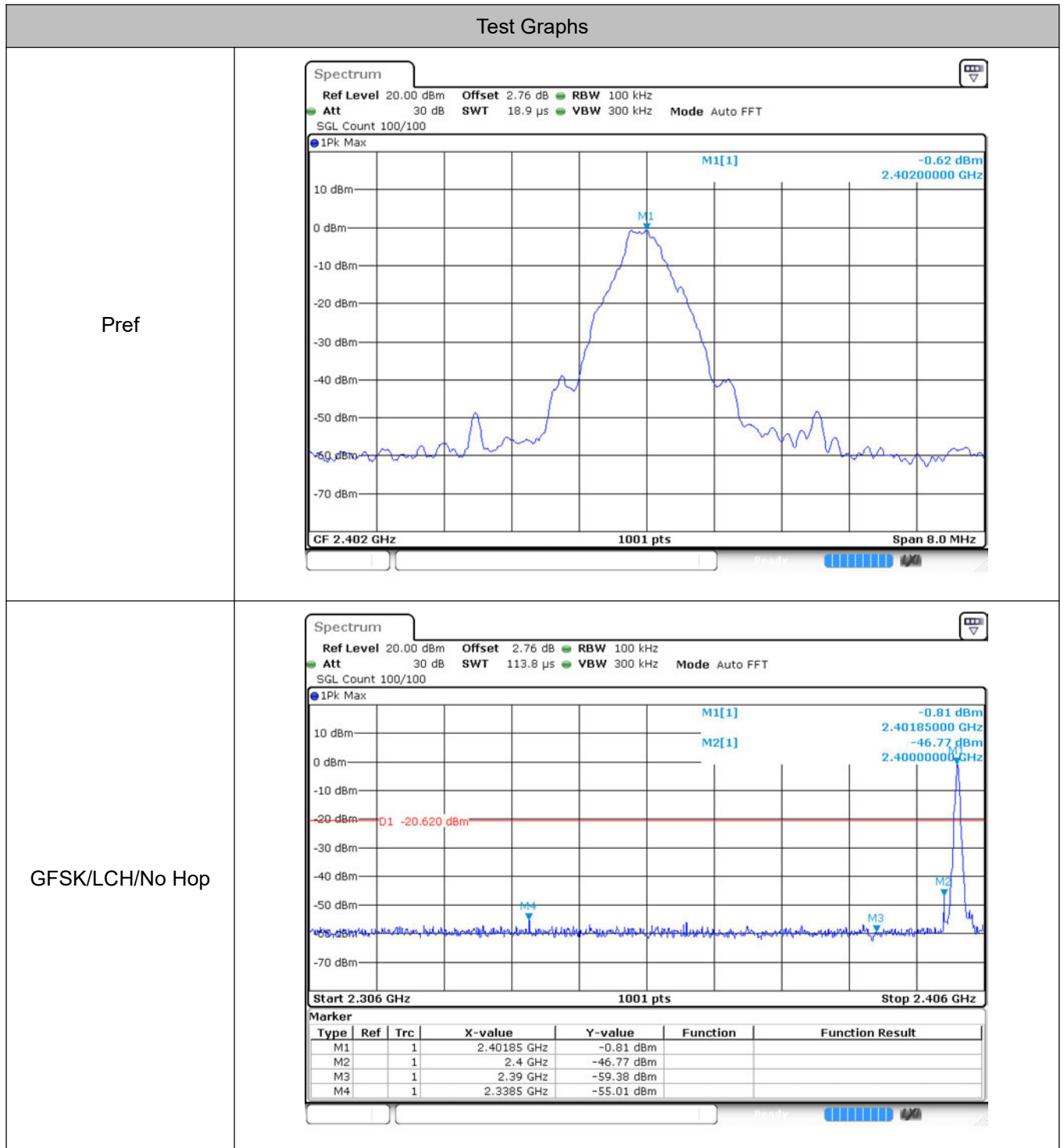


8 Band-edge for RF Conducted Emissions

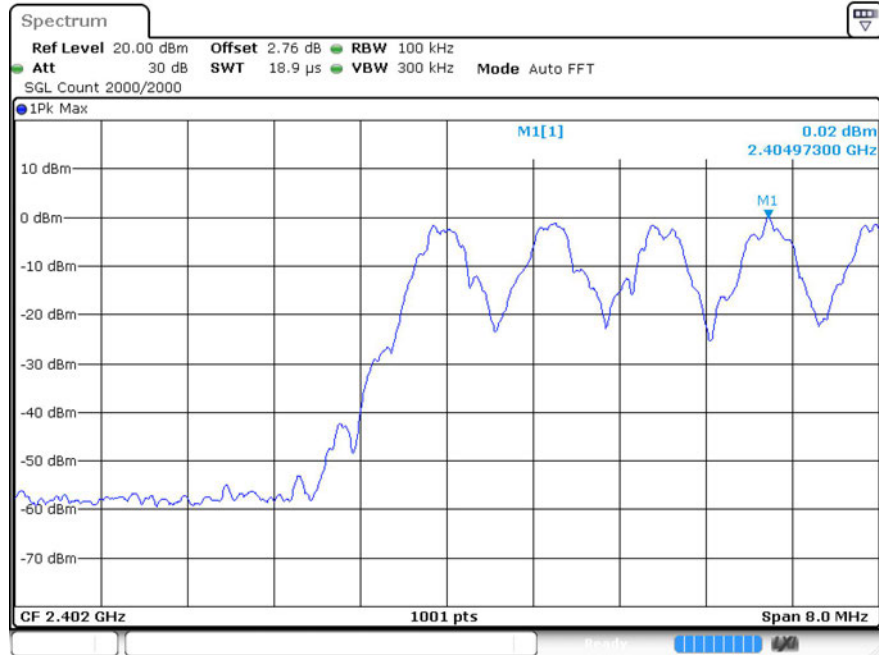
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-54.38	-20	Pass
			On	-55.06	-20	Pass
	HCH	2480	Off	-50.49	-20	Pass
			On	-51.19	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-55.28	-20	Pass
			On	-53.28	-20	Pass
	HCH	2480	Off	-47.66	-20	Pass
			On	-50.57	-20	Pass
8DPSK	LCH	2402	Off	-54.55	-20	Pass
			On	-53.39	-20	Pass
	HCH	2480	Off	-54.17	-20	Pass
			On	-50.54	-20	Pass

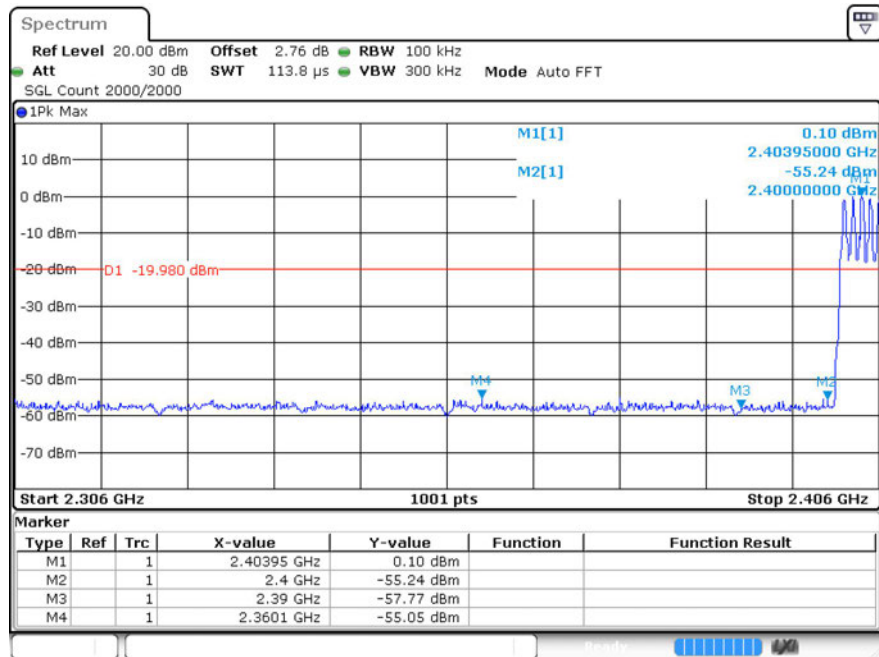
8.2 Test Graphs



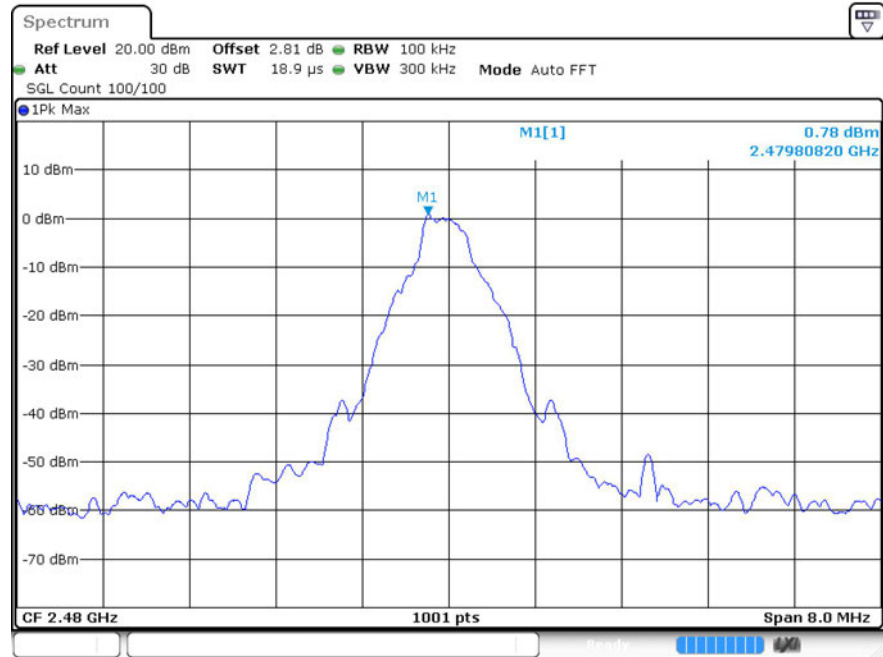
Ref



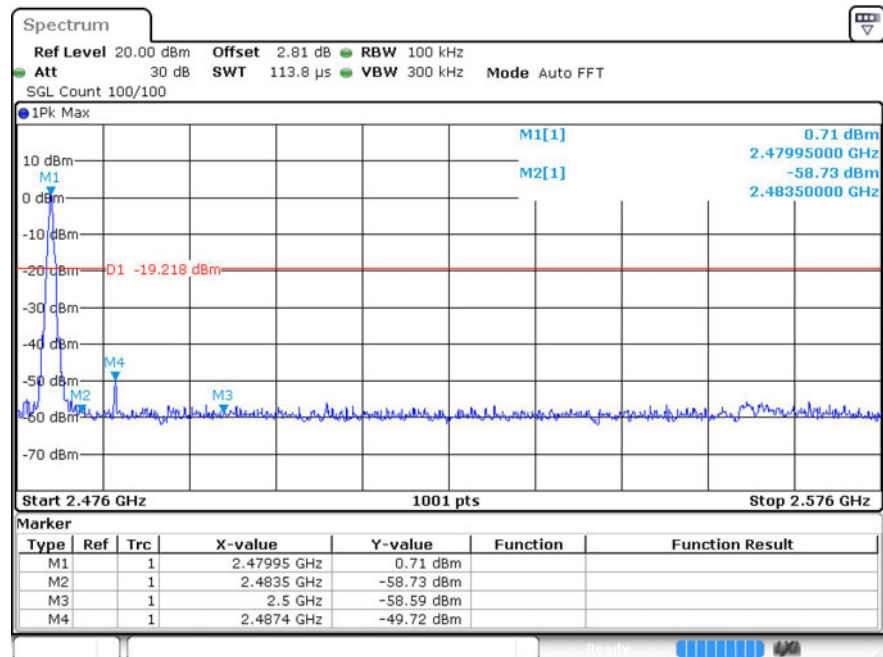
GFSK/LCH/Hop



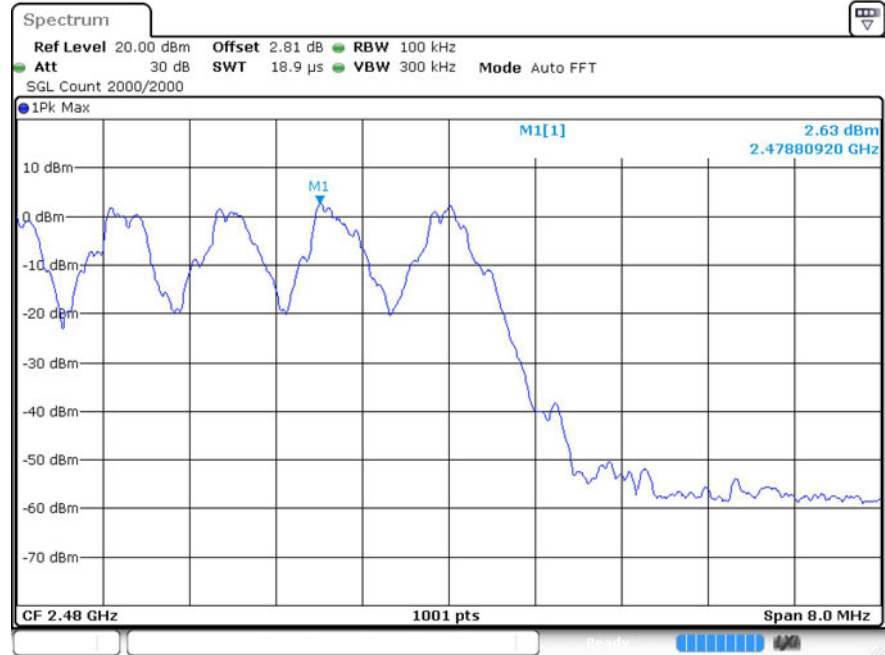
Ref



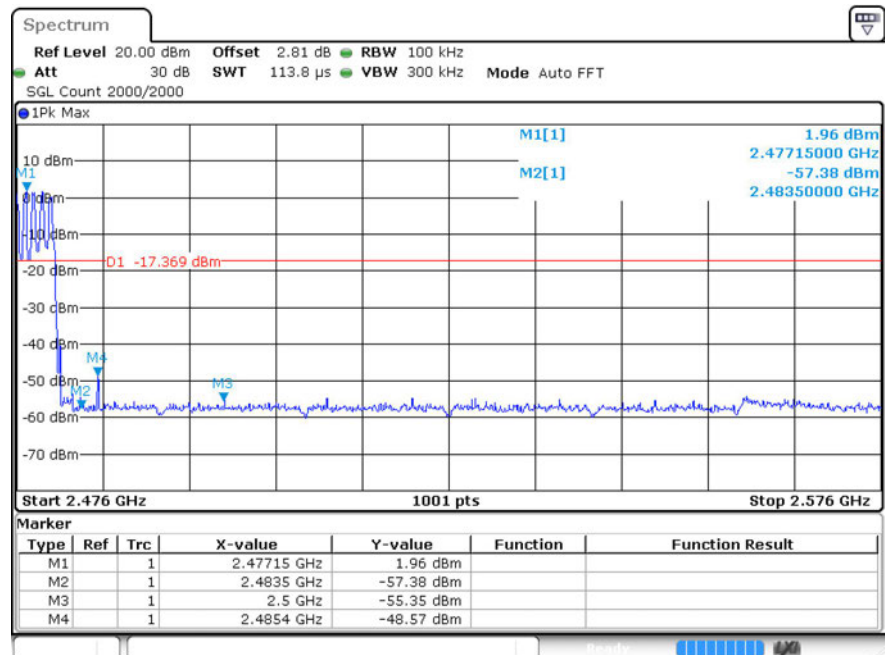
GFSK/HCH/No Hop



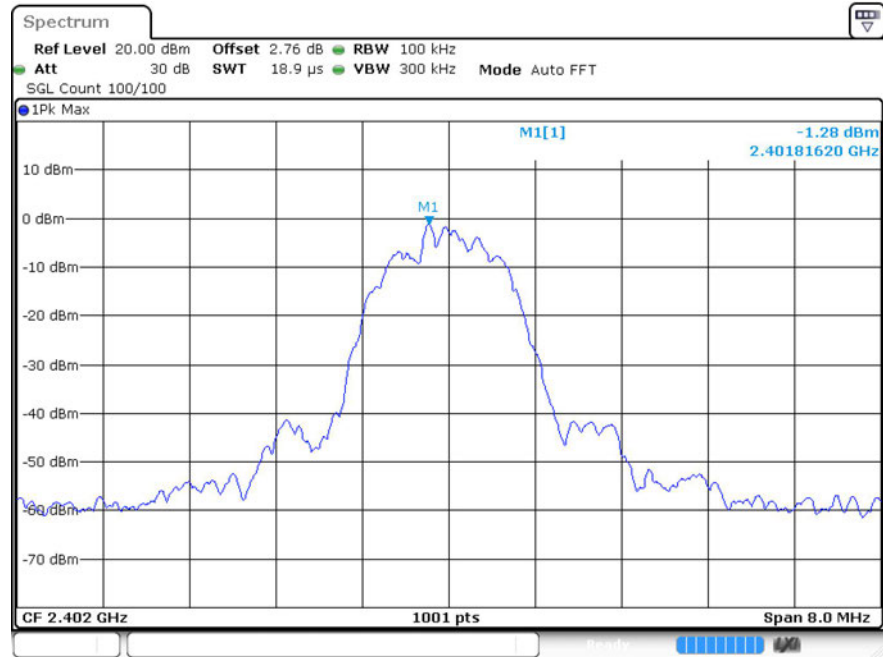
Ref.



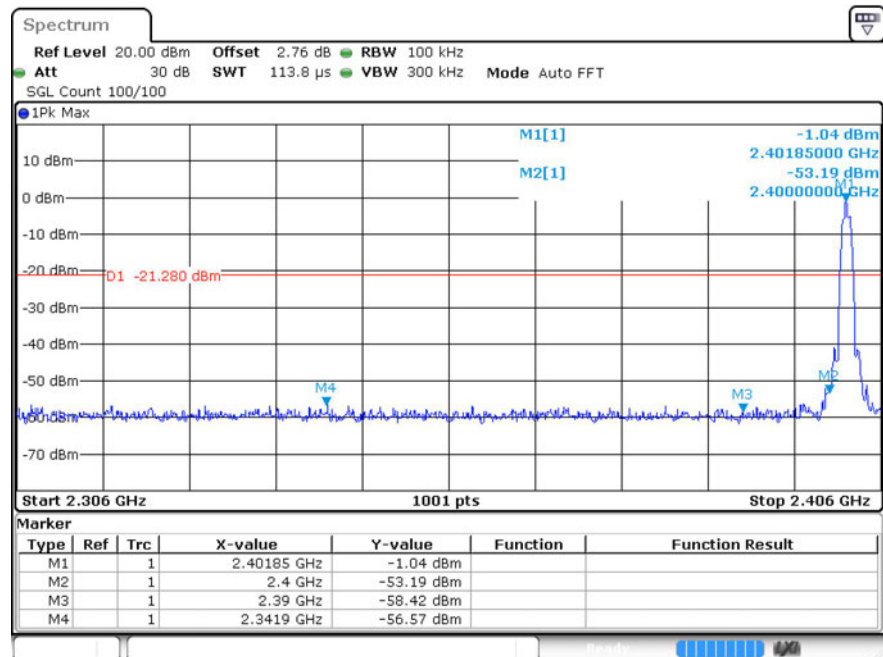
GFSK/HCH/Hop



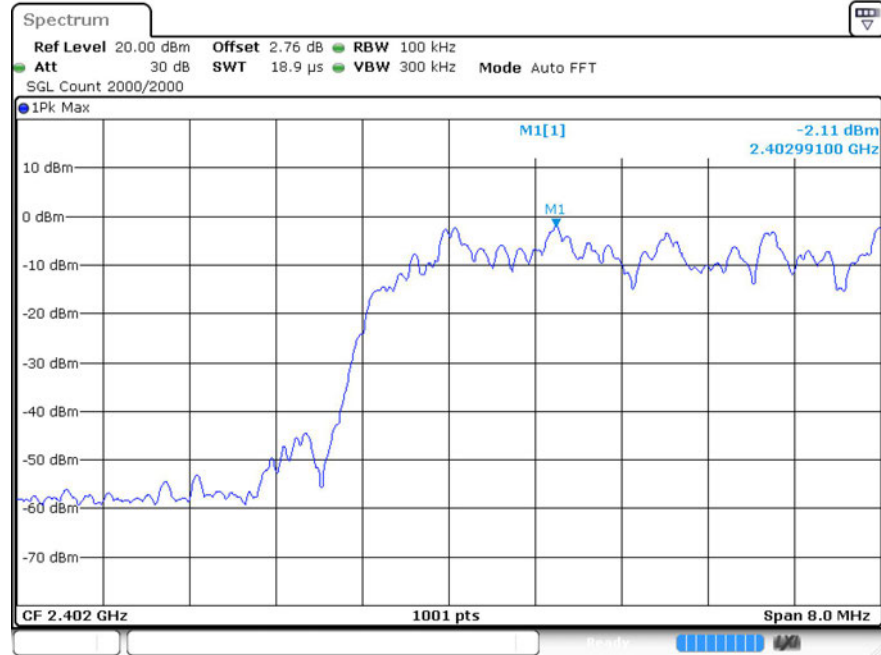
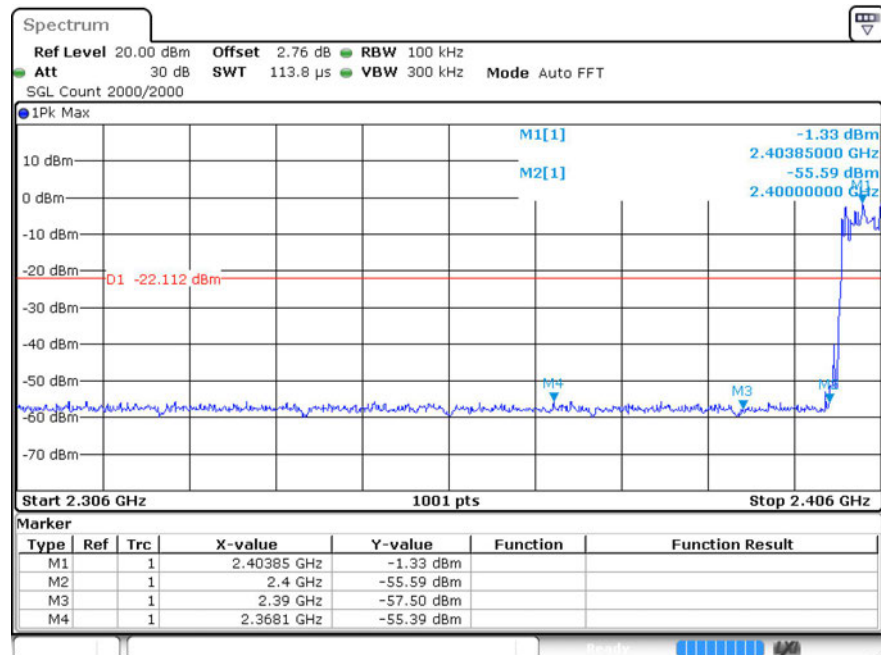
Ref



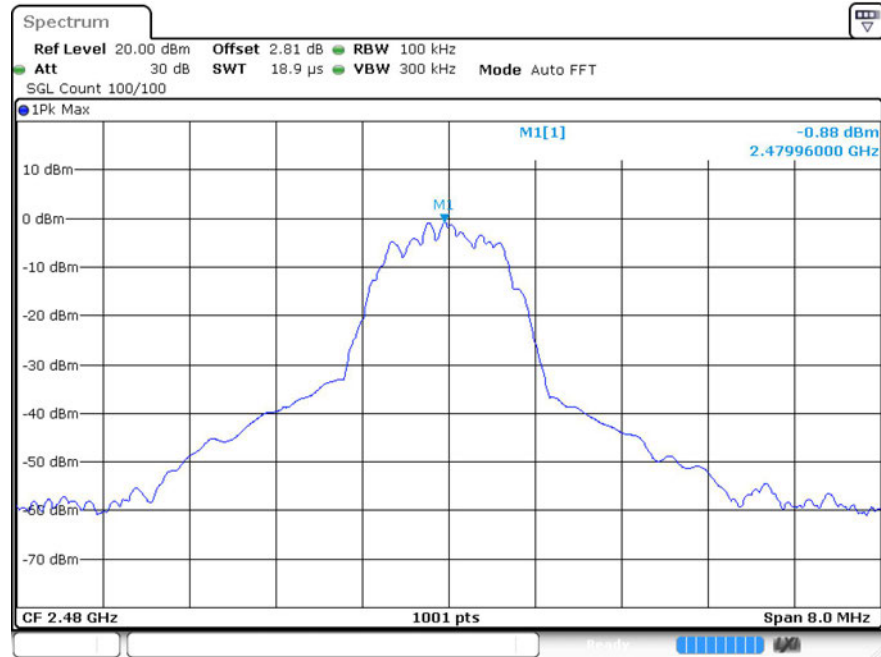
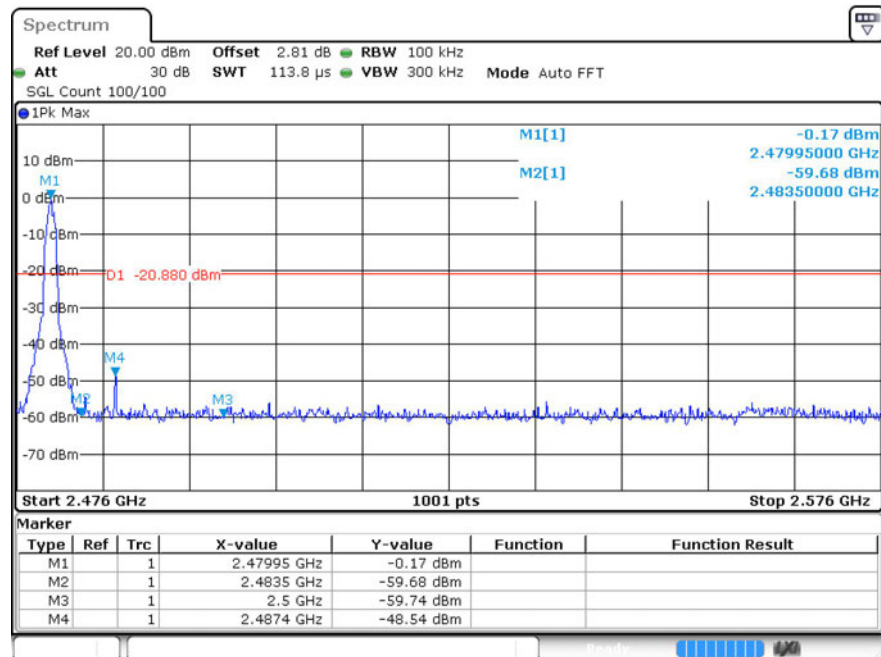
$\pi/4$ DQPSK/LCH/No Hop



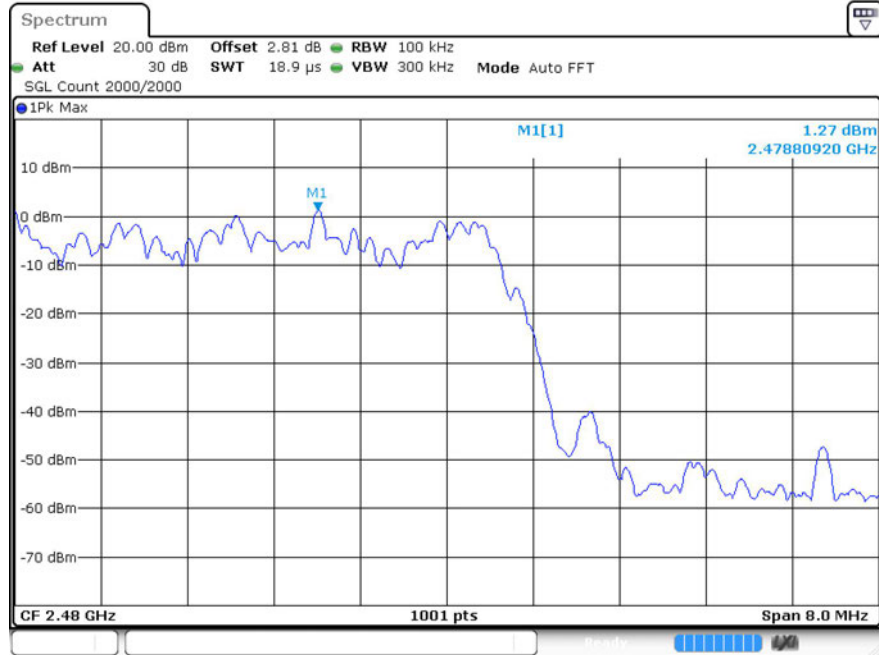
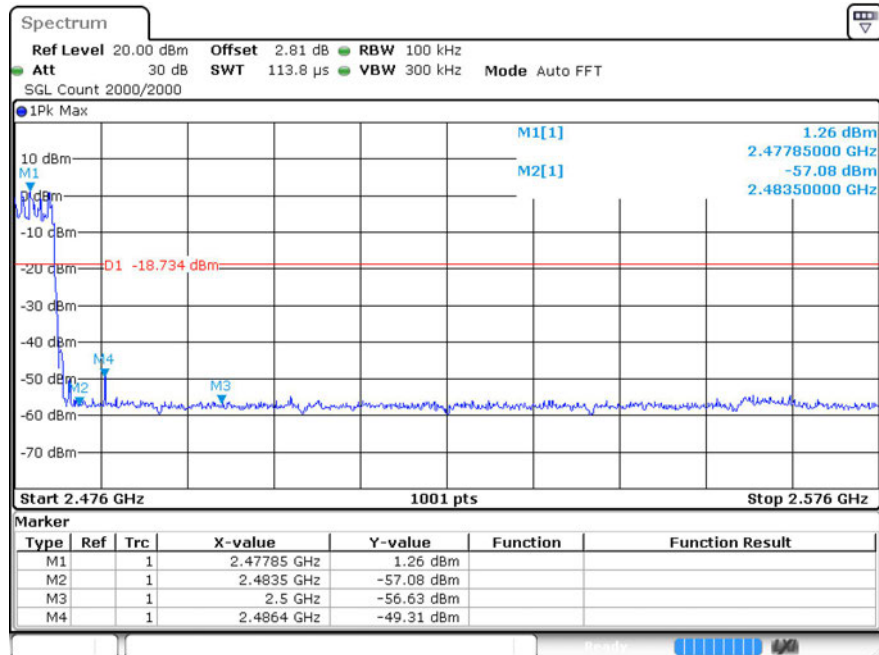
Ref


 $\pi/4$ DQPSK/LCH/Hop


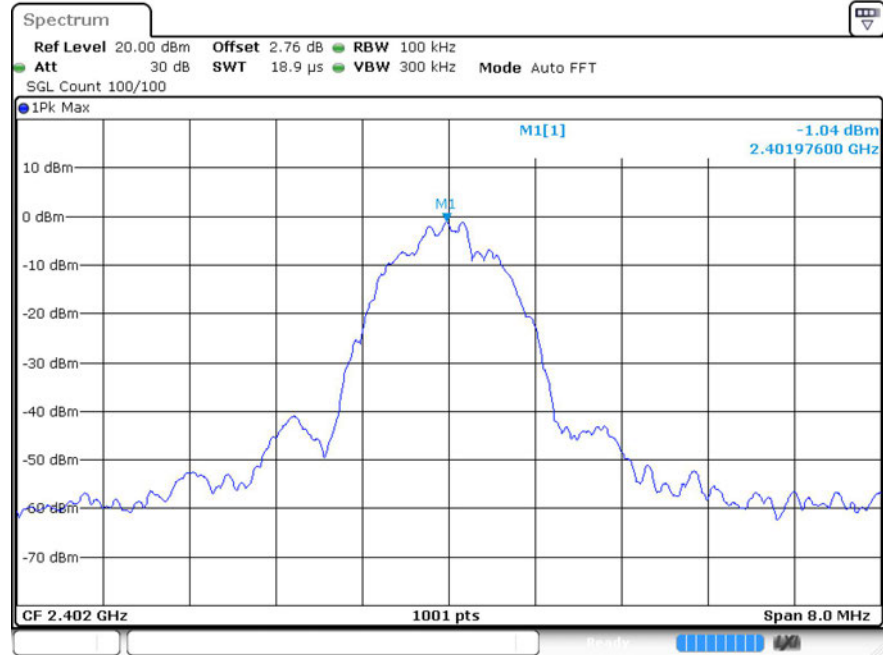
Ref


 $\pi/4$ DQPSK/HCH/No Hop


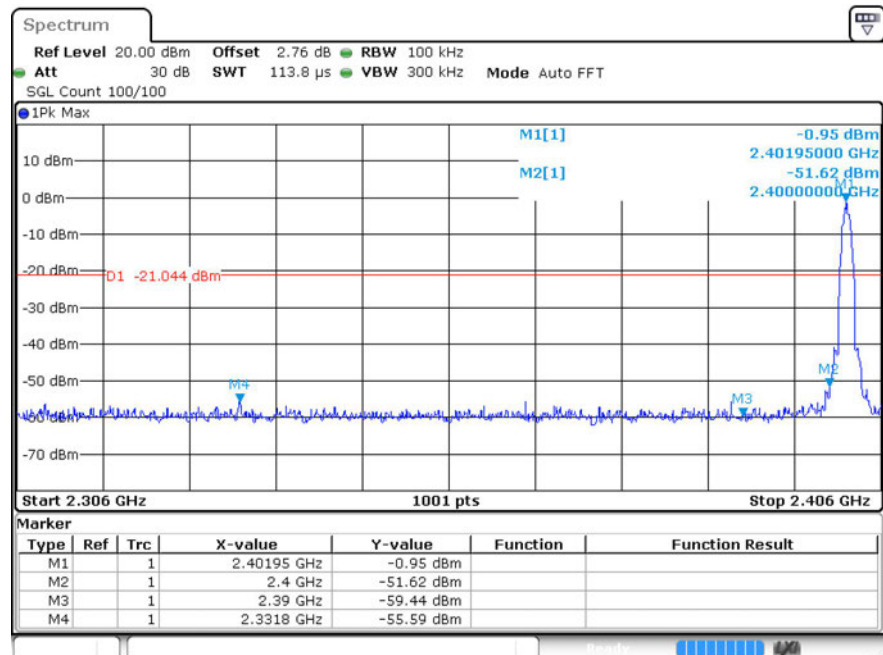
Ref


 $\pi/4$ DQPSK/HCH/Hop


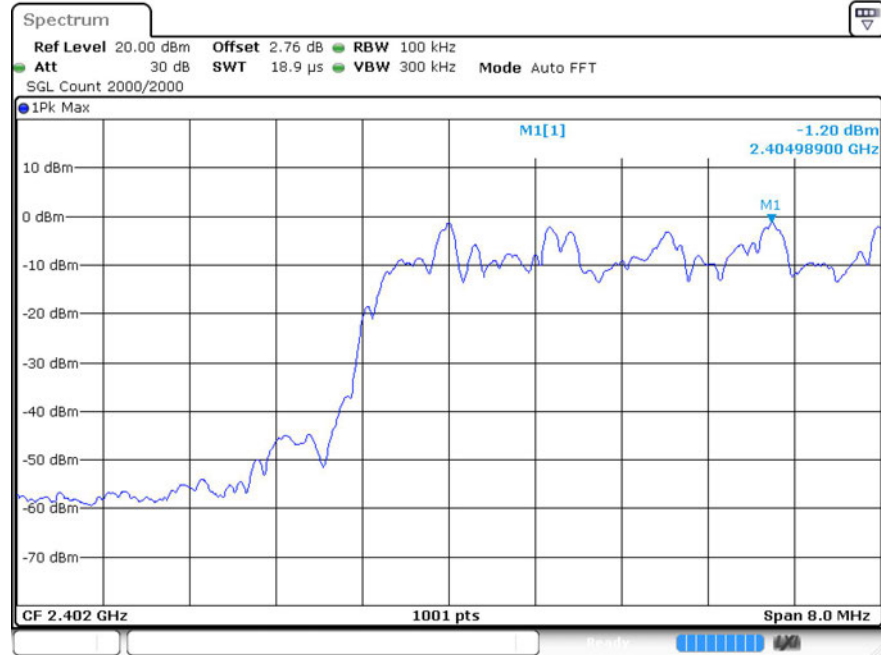
Ref



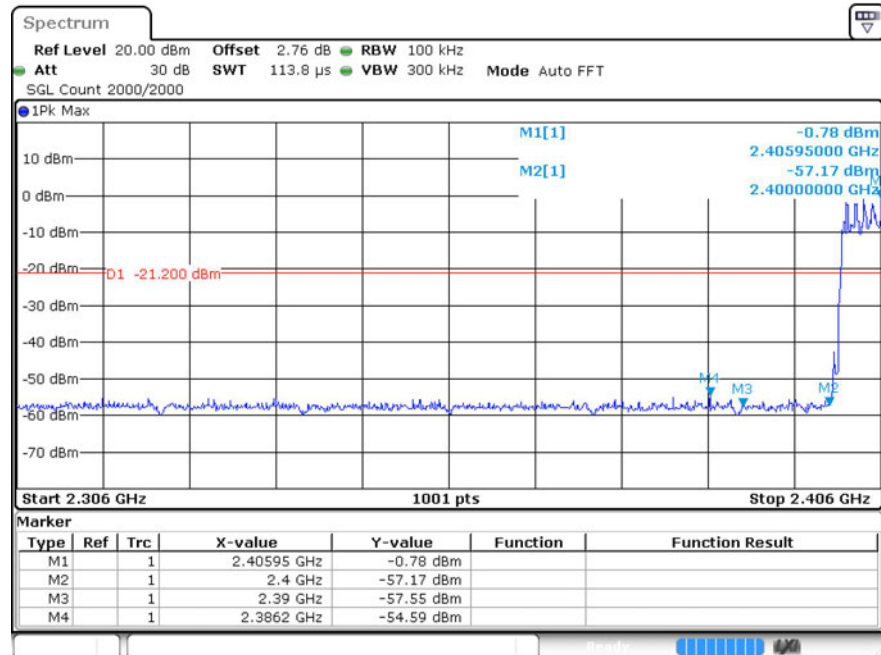
8DPSK/LCH/No Hop



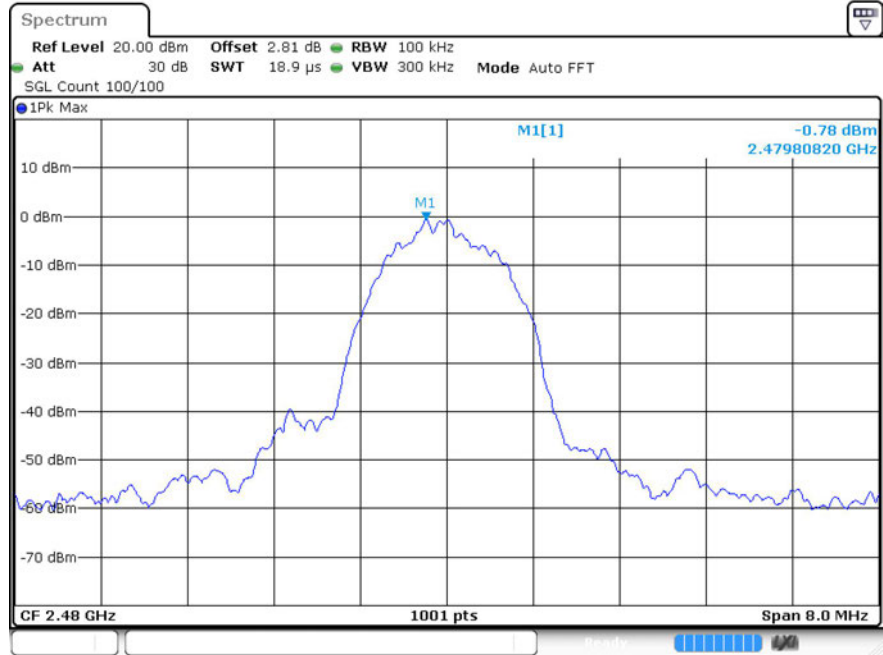
Ref



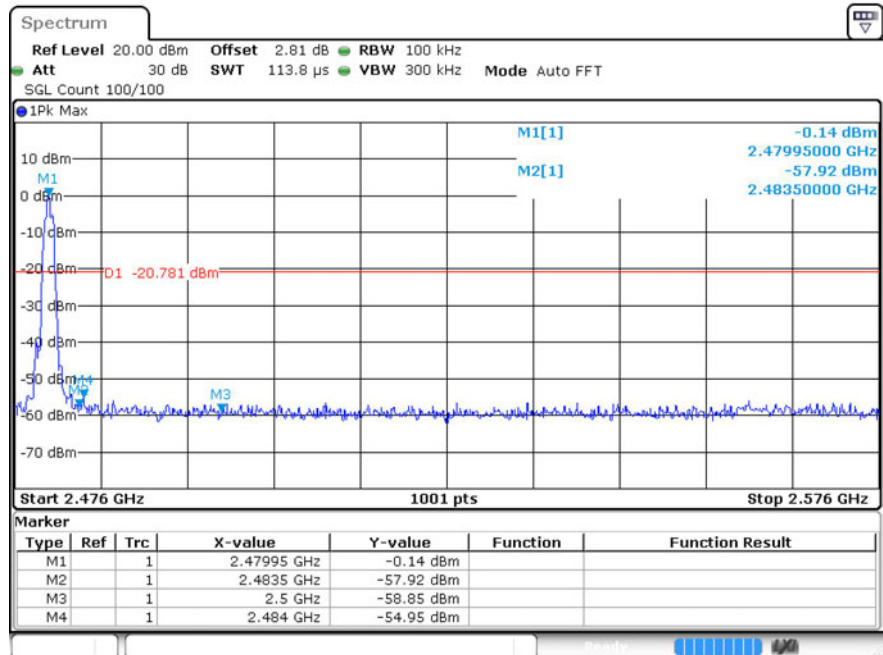
8DPSK/LCH/Hop



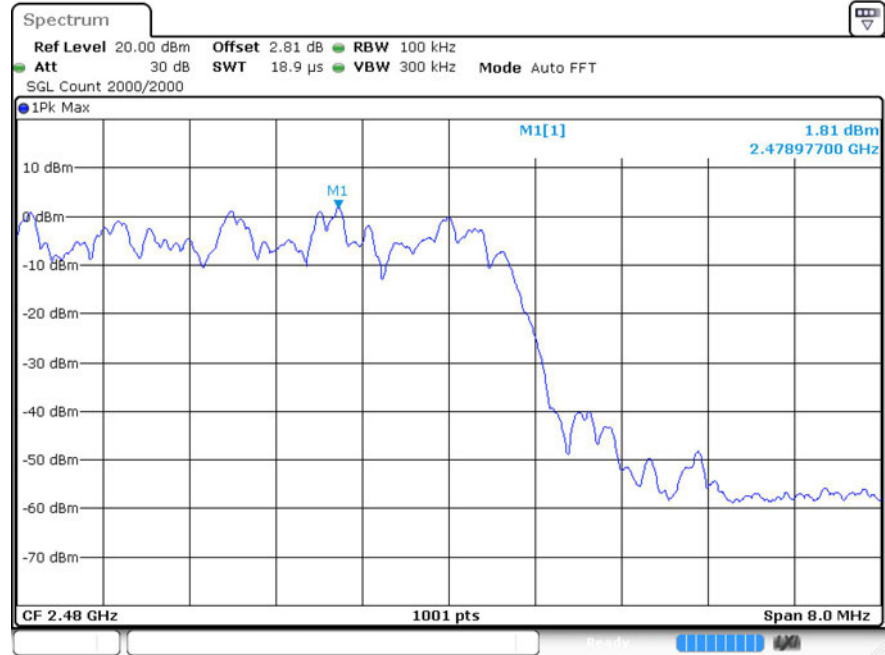
Ref



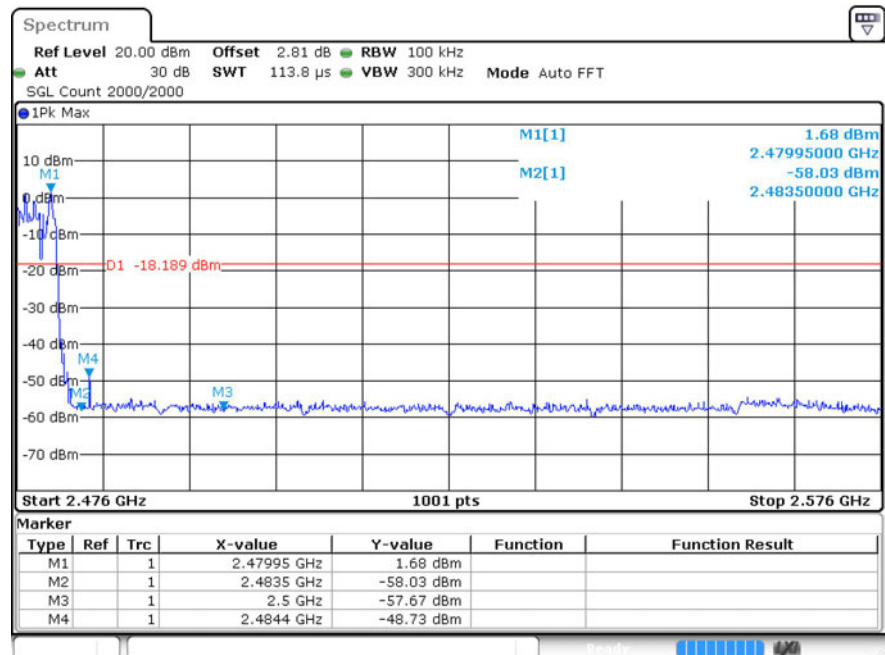
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

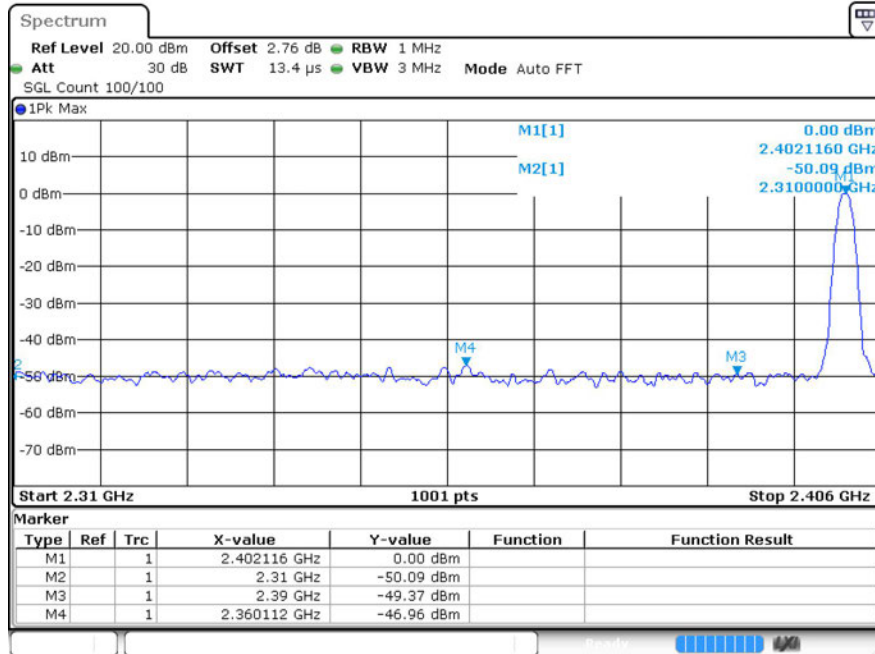
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-50.09	2	-	47.17	PEAK	74	Pass
	Off	2310.0	-57.02	2	5	45.24	AV	54	Pass
	Off	2360.112	-46.96	2	-	50.3	PEAK	74	Pass
	Off	2339.472	-54.83	2	5	47.43	AV	54	Pass
	Off	2390.0	-49.37	2	-	47.89	PEAK	74	Pass
	Off	2390.0	-56.76	2	5	45.5	AV	54	Pass
	Off	2483.5	-48.78	2	-	48.48	PEAK	74	Pass
	Off	2483.5	-56.37	2	5.06	45.95	AV	54	Pass
	Off	2486.608	-45.71	2	-	51.55	PEAK	74	Pass
	Off	2487.28	-55.93	2	5.06	46.39	AV	54	Pass
	Off	2500.0	-49.31	2	-	47.95	PEAK	74	Pass
	Off	2500.0	-57.27	2	5.06	45.05	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-48.02	2	-	49.24	PEAK	74	Pass
	Off	2310.0	-56.95	2	4.95	45.26	AV	54	Pass
	Off	2344.08	-45.34	2	-	51.92	PEAK	74	Pass
	Off	2338.608	-54.41	2	4.95	47.8	AV	54	Pass
	Off	2390.0	-47.52	2	-	49.74	PEAK	74	Pass
	Off	2390.0	-56.26	2	4.95	45.95	AV	54	Pass
	Off	2483.5	-48.85	2	-	48.41	PEAK	74	Pass
	Off	2483.5	-55.81	2	4.95	46.4	AV	54	Pass
	Off	2491.888	-47.61	2	-	49.65	PEAK	74	Pass
	Off	2483.512	-55.81	2	4.95	46.4	AV	54	Pass
	Off	2500.0	-49.88	2	-	47.38	PEAK	74	Pass
	Off	2500.0	-56.94	2	4.95	45.27	AV	54	Pass
8DPSK	Off	2310.0	-50.42	2	-	46.84	PEAK	74	Pass
	Off	2310.0	-57.61	2	4.95	44.6	AV	54	Pass
	Off	2336.208	-46.69	2	-	50.57	PEAK	74	Pass
	Off	2339.952	-54.52	2	4.95	47.69	AV	54	Pass



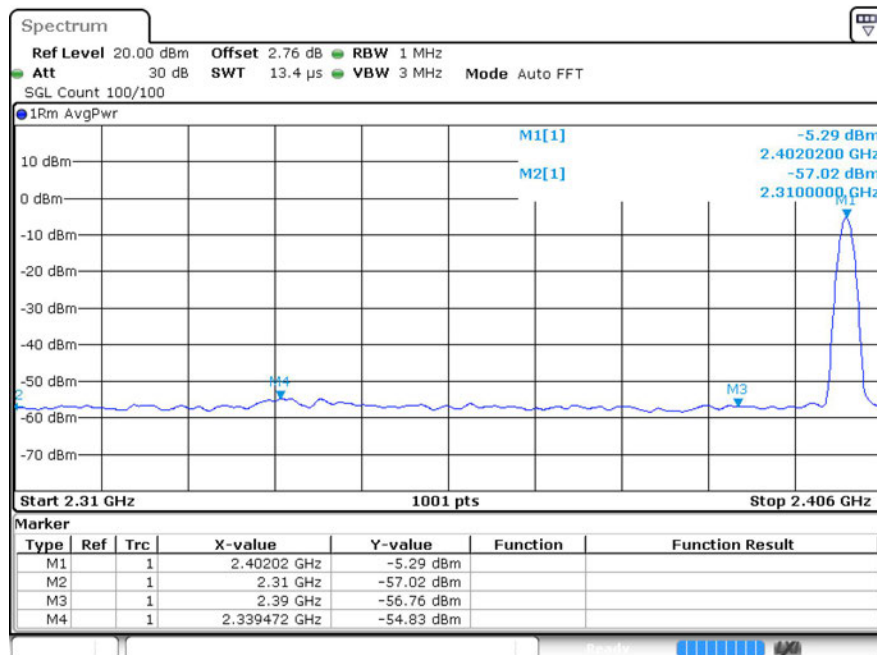
Off	2390.0	-50.25	2	-	47.01	PEAK	74	Pass
Off	2390.0	-56.75	2	4.95	45.46	AV	54	Pass
Off	2483.5	-49.81	2	-	47.45	PEAK	74	Pass
Off	2483.5	-55.18	2	4.95	47.03	AV	54	Pass
Off	2486.176	-48.03	2	-	49.23	PEAK	74	Pass
Off	2483.824	-55.07	2	4.95	47.14	AV	54	Pass
Off	2500.0	-49.95	2	-	47.31	PEAK	74	Pass
Off	2500.0	-56.9	2	4.95	45.31	AV	54	Pass

9.2 Test Graphs

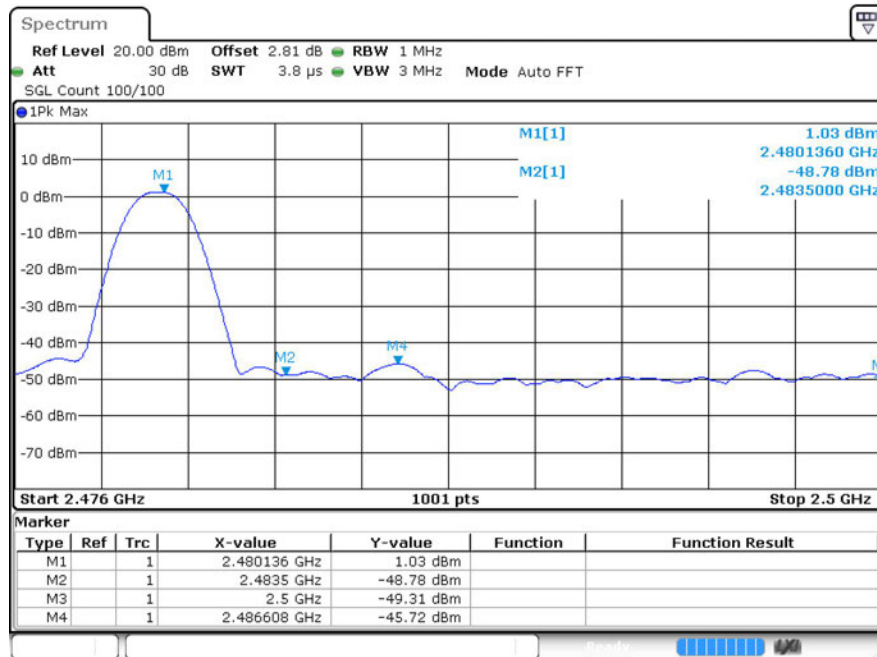
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



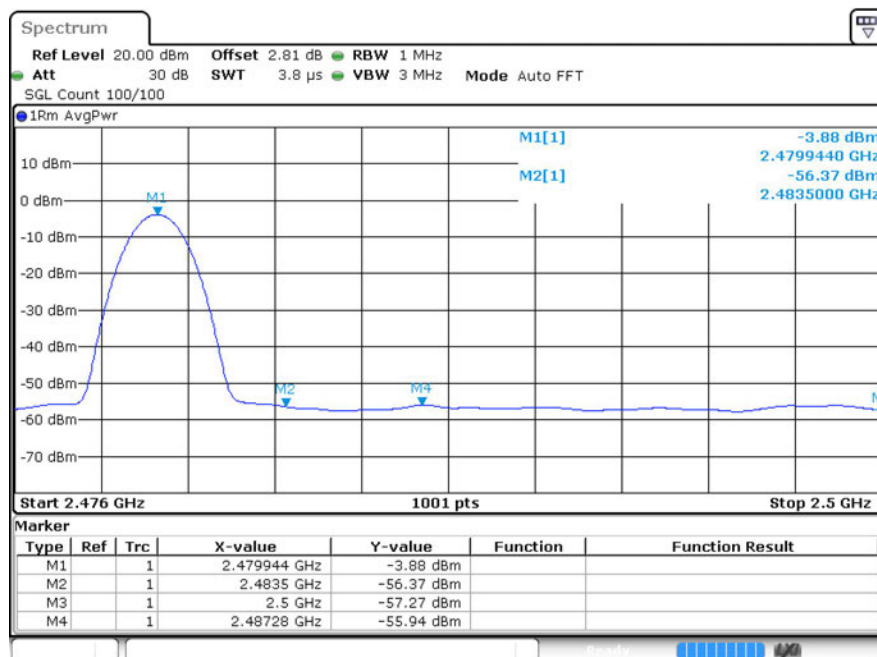
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



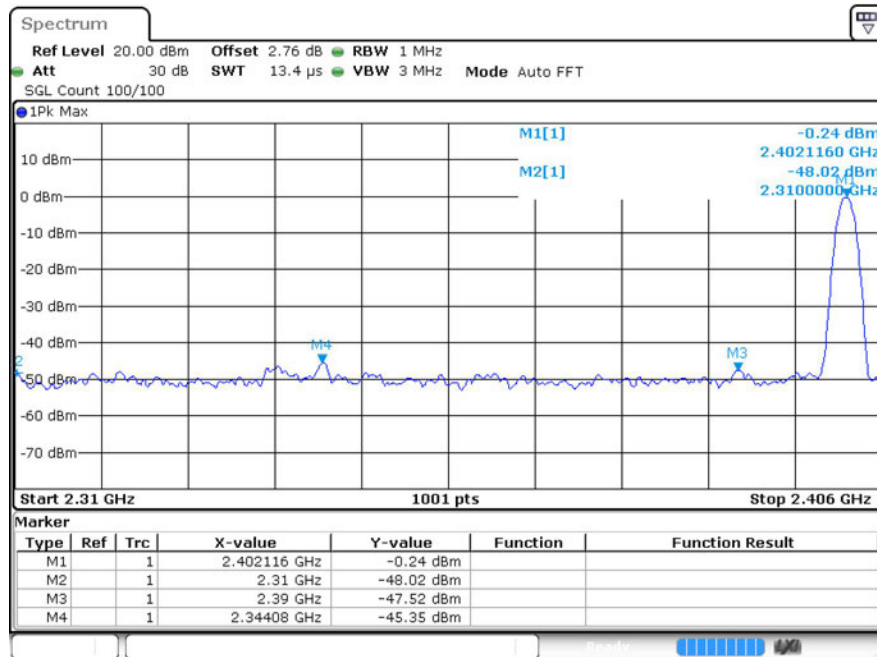
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



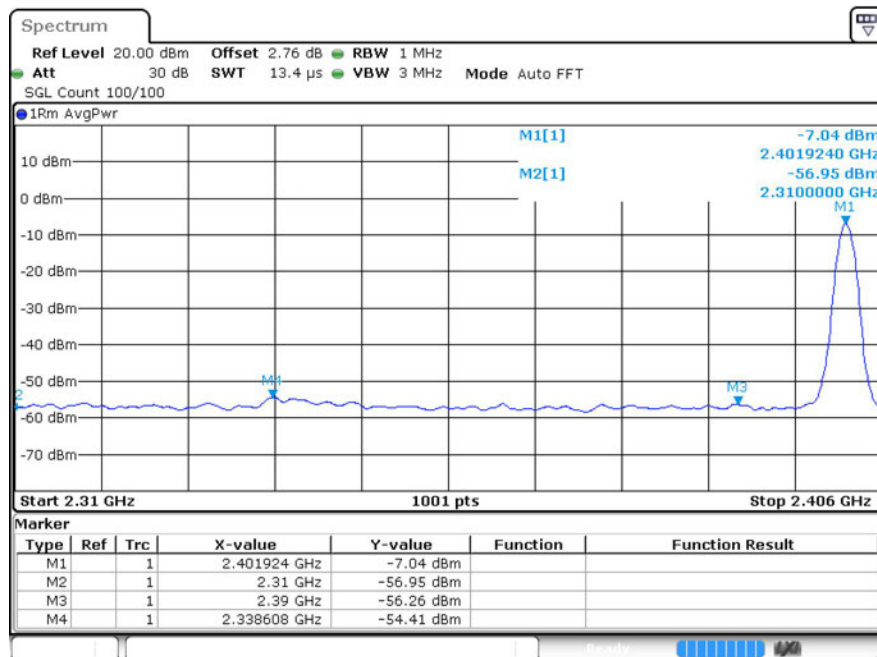
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



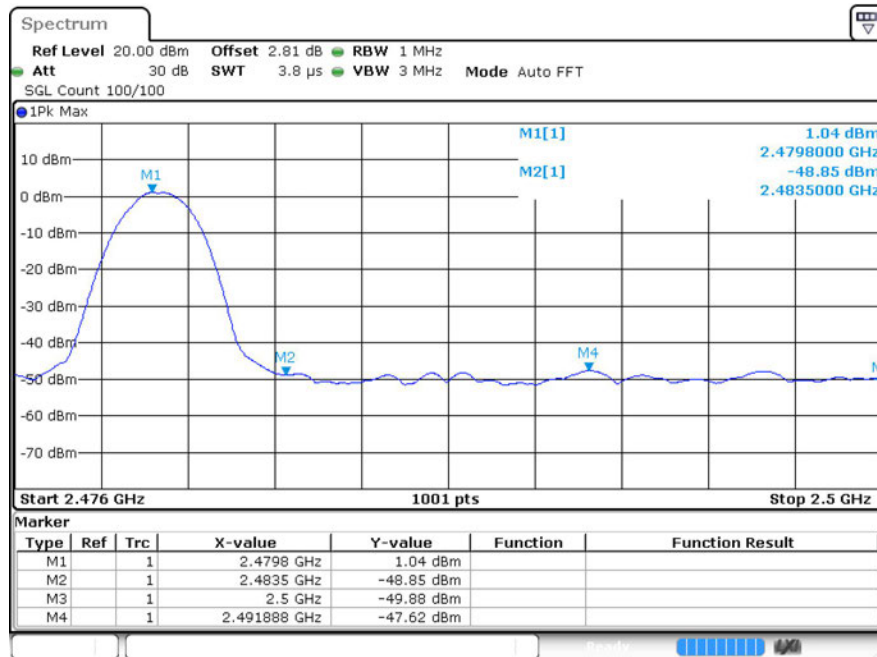
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



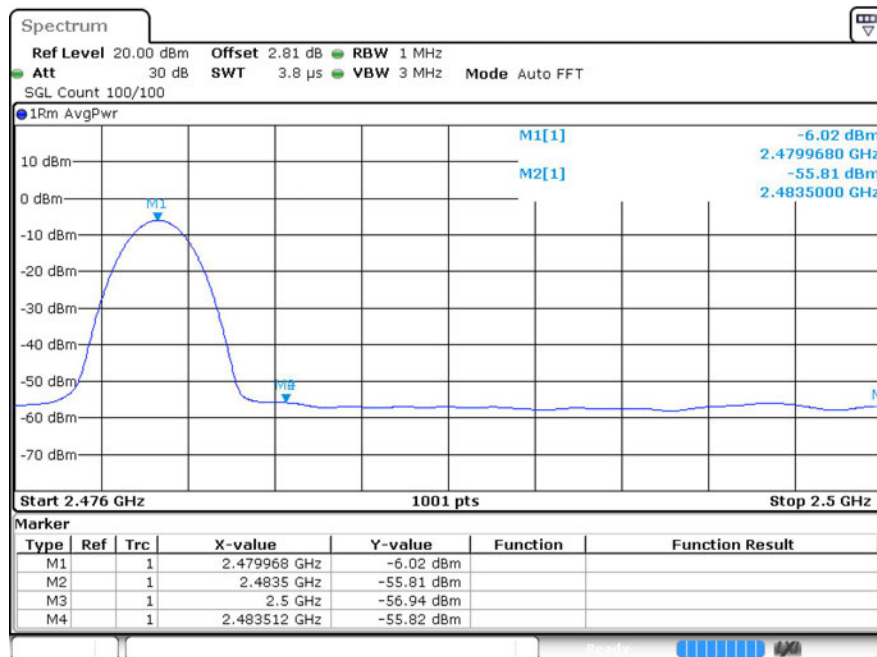
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



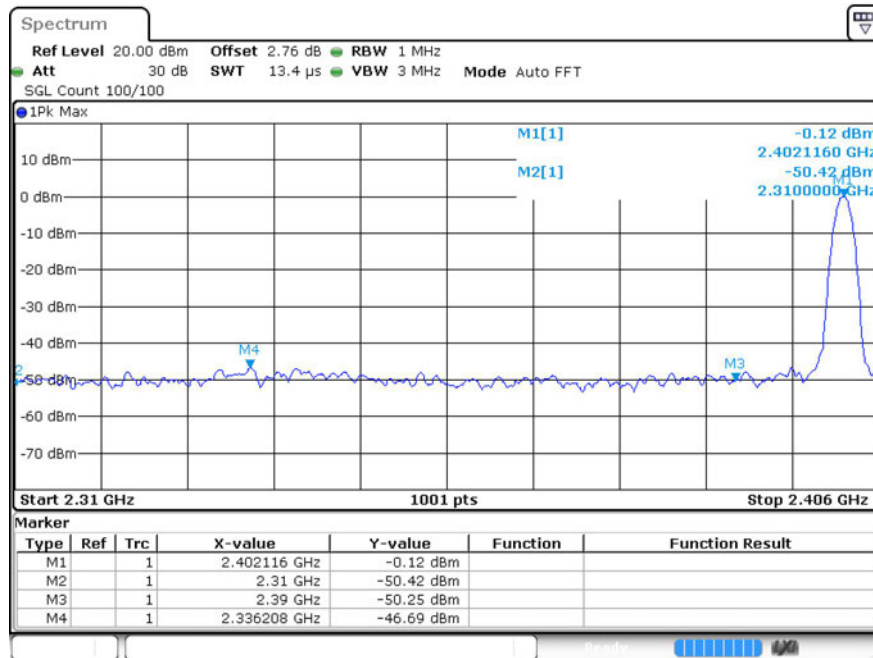
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



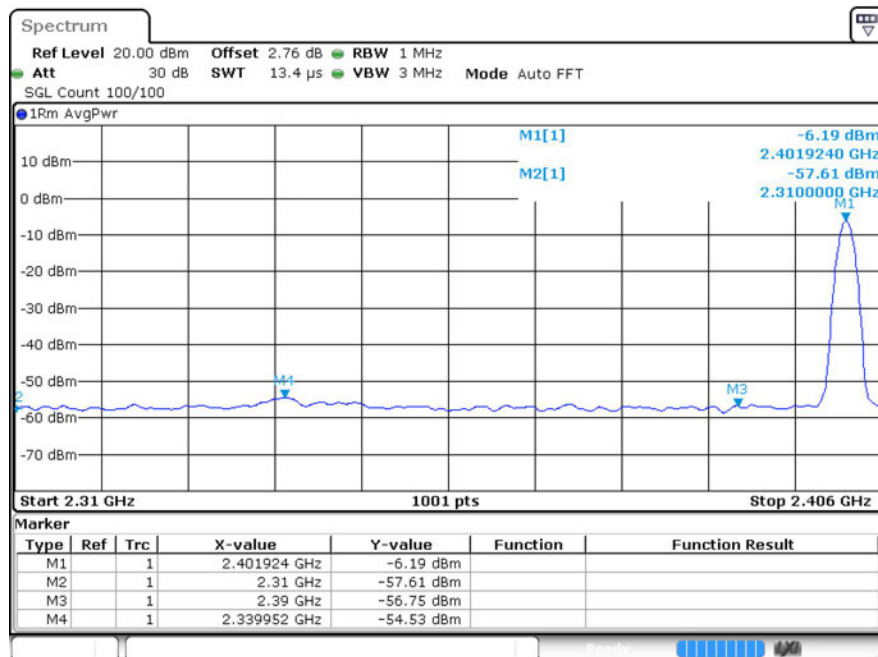
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



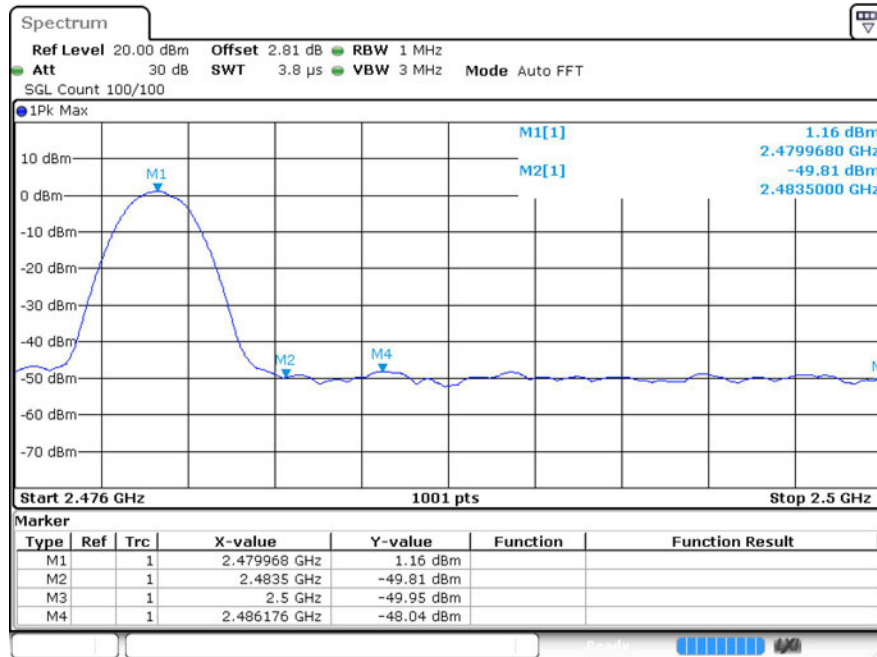
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



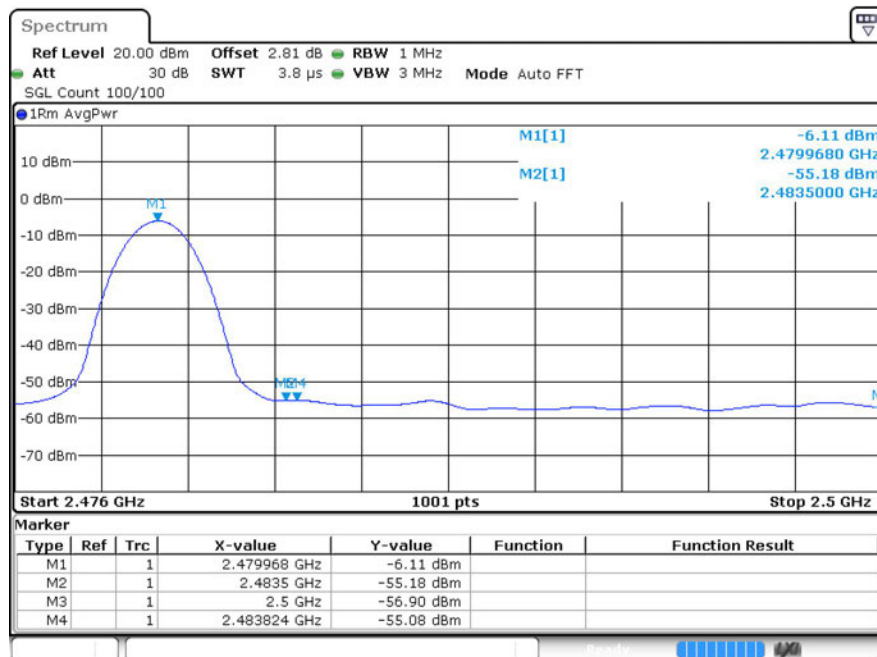
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---