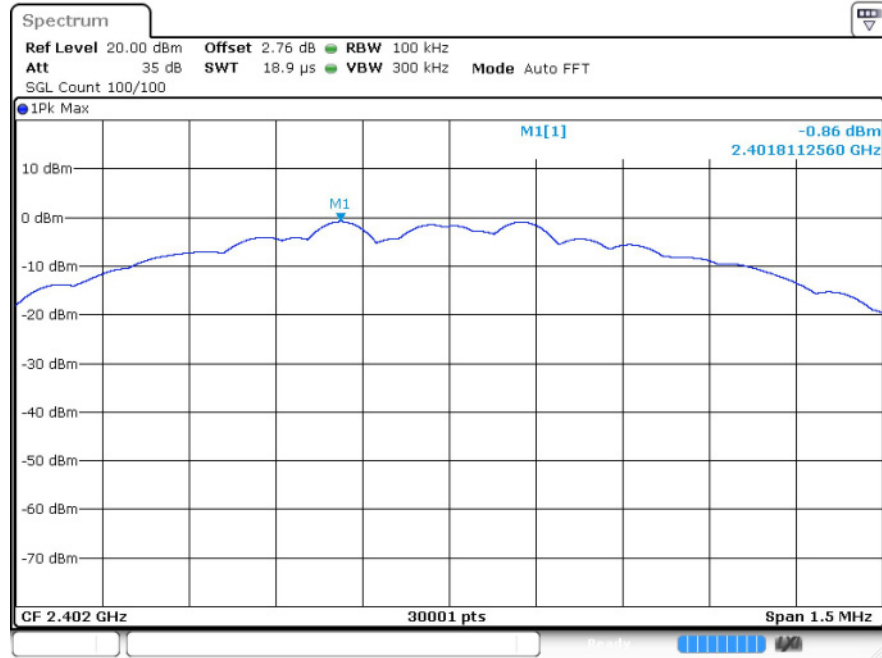
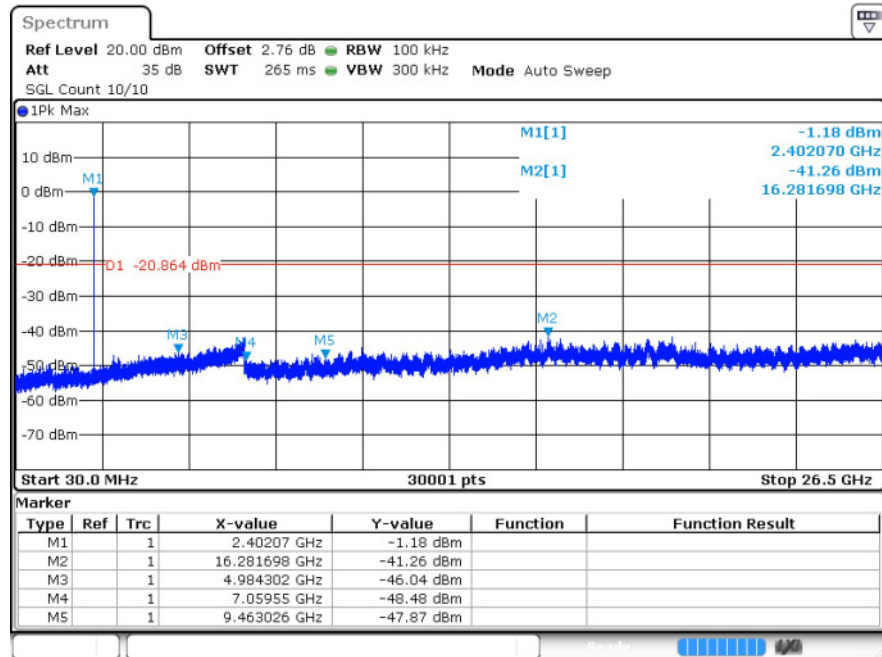


8DPSK_LCH_Graphs

Pref

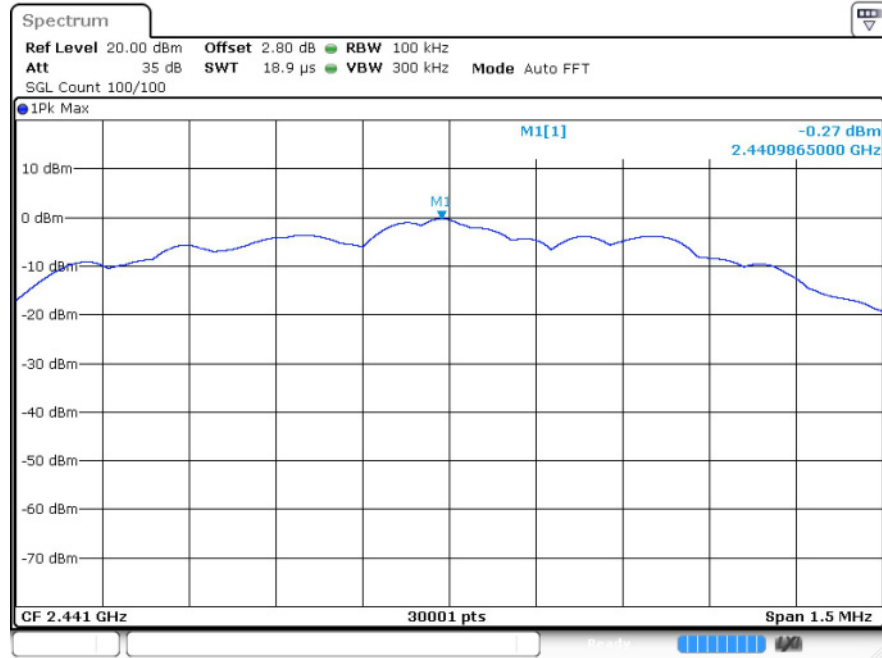


Puw

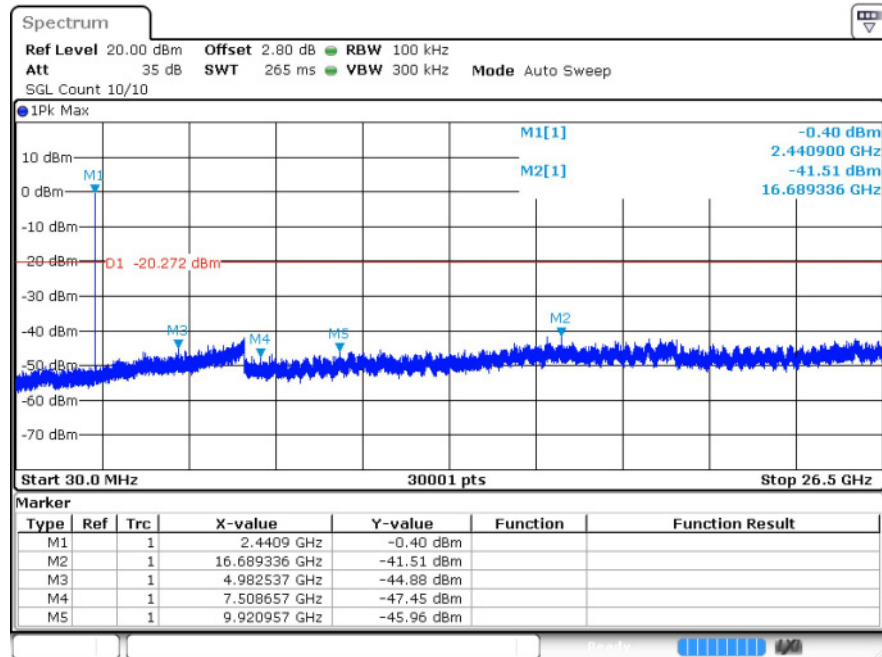


8DPSK_MCH_Graphs

Pref

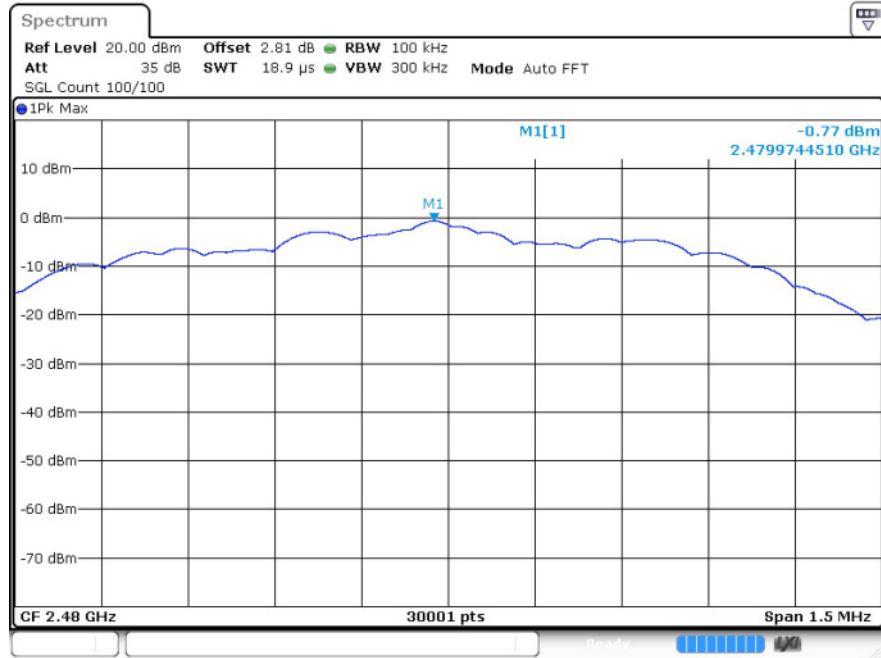


Puw

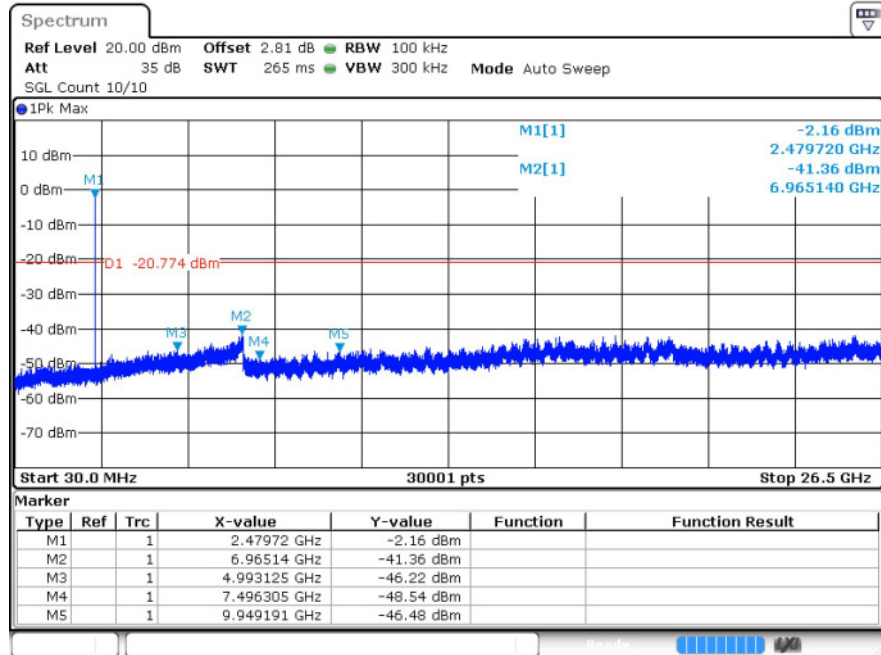


8DPSK_HCH_Graphs

Pref



Puw

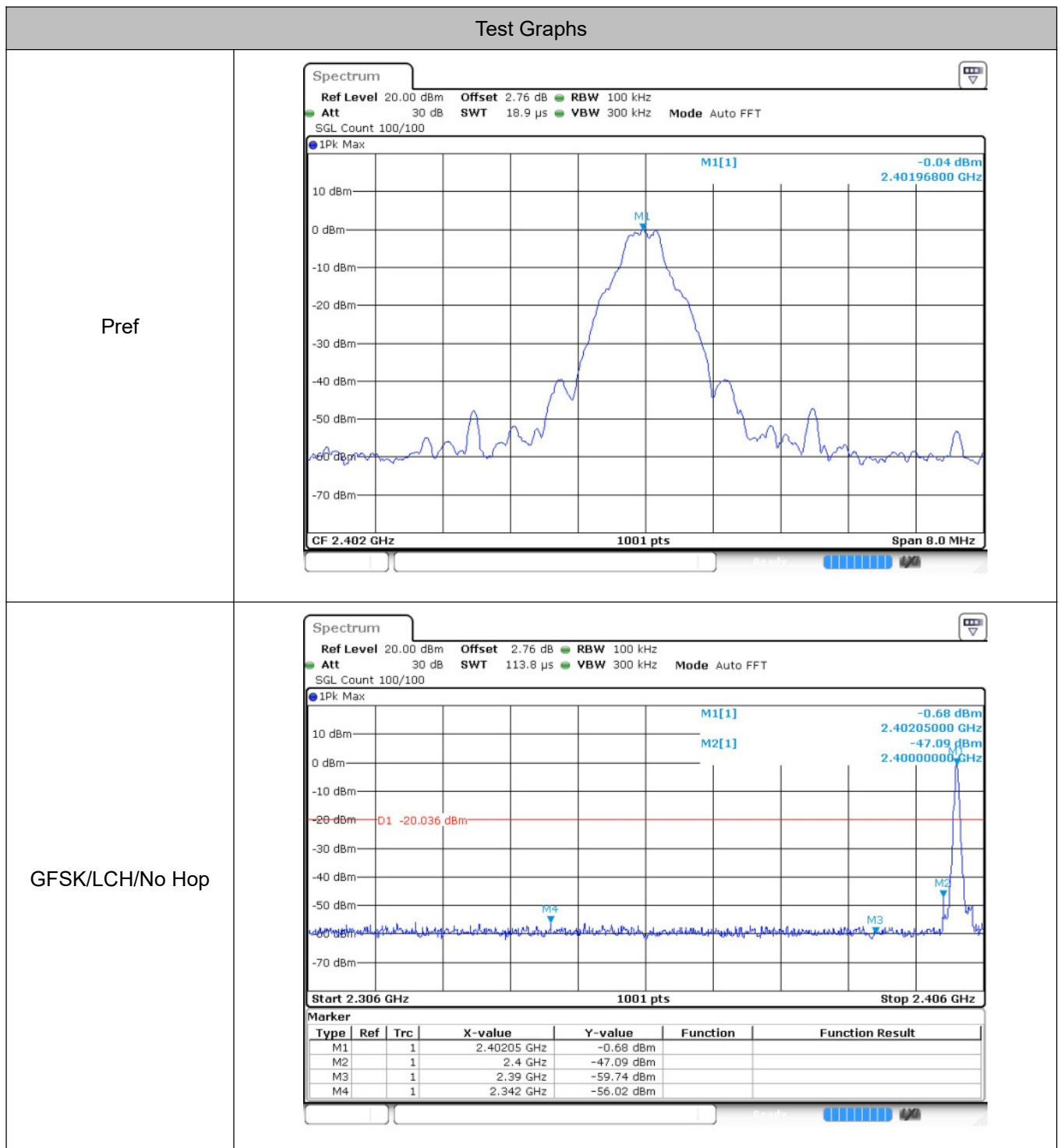


8 Band-edge for RF Conducted Emissions

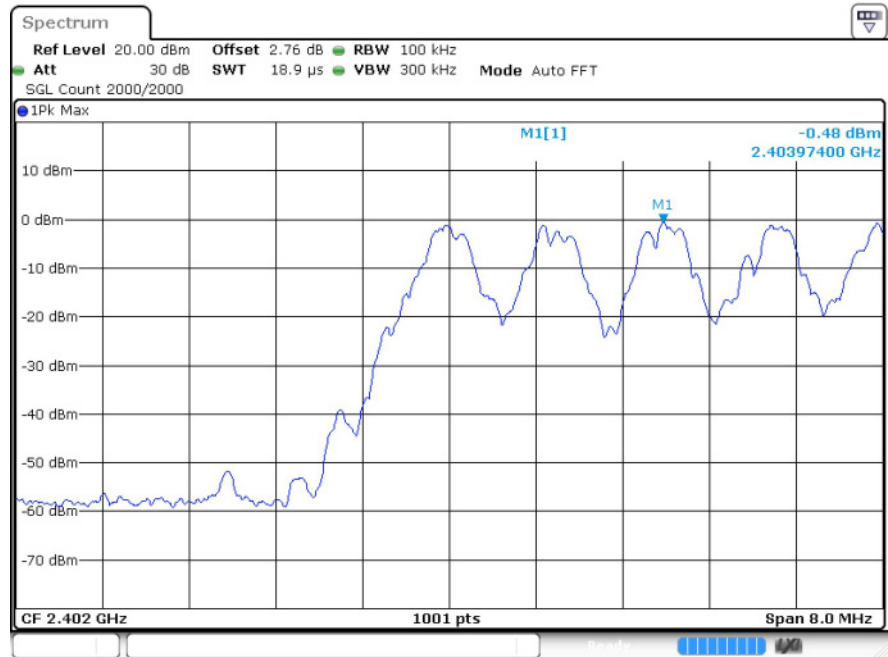
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-55.97	-20	Pass
			On	-54.58	-20	Pass
	HCH	2480	Off	-47.02	-20	Pass
			On	-50.81	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-55.24	-20	Pass
			On	-53.31	-20	Pass
	HCH	2480	Off	-46.36	-20	Pass
			On	-48.8	-20	Pass
8DPSK	LCH	2402	Off	-55.78	-20	Pass
			On	-53.85	-20	Pass
	HCH	2480	Off	-47.02	-20	Pass
			On	-47.88	-20	Pass

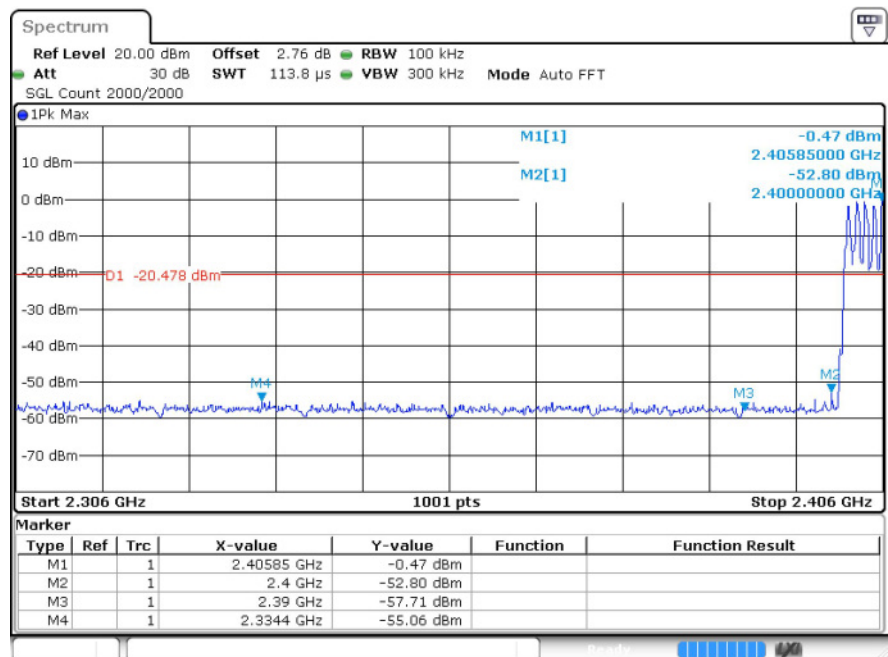
8.2 Test Graphs



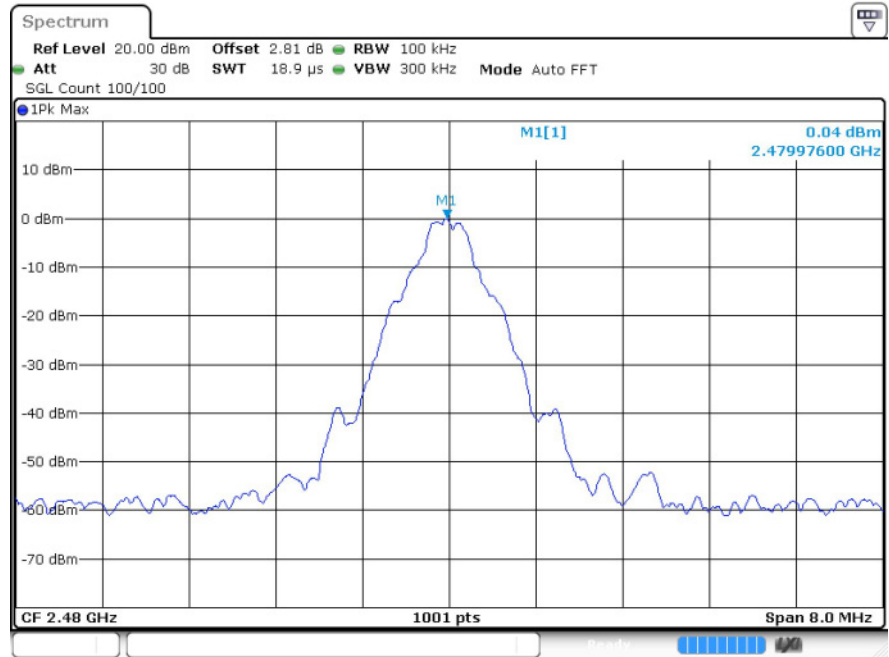
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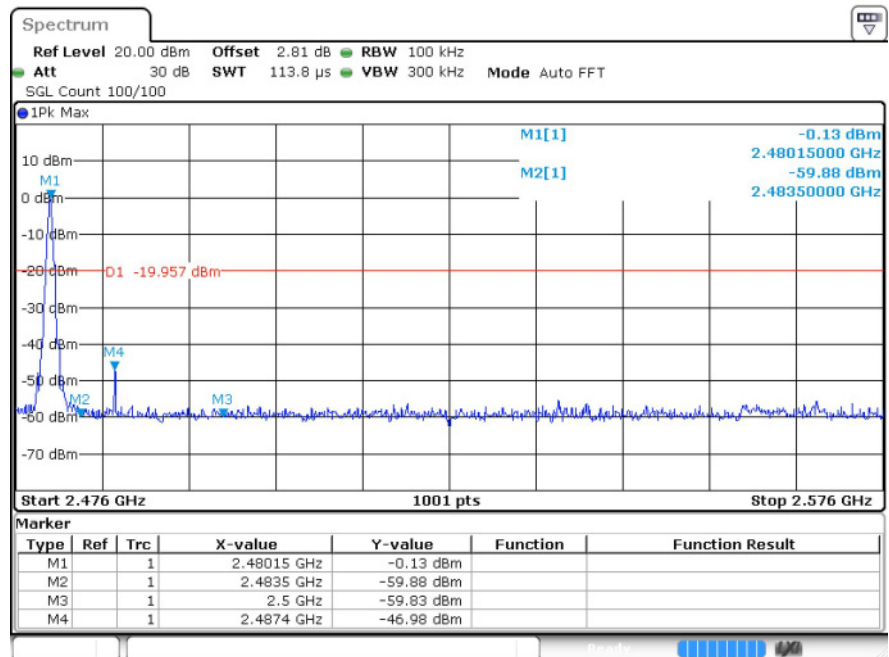
GFSK/LCH/Hop

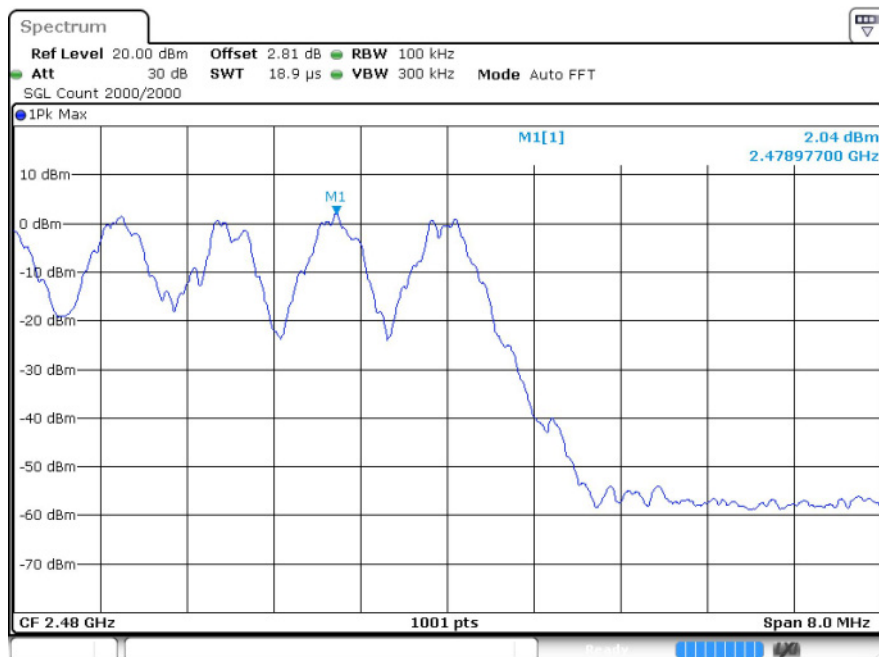


Ref



GFSK/HCH/No Hop





Spectrum

Ref Level 20.00 dBm Offset 2.81 dB RBW 100 kHz
Att 30 dB SWT 113.8 μ s VBW 300 kHz Mode Auto FFT
SGL Count 2000/2000

1Pk Max

M1[1] 1.05 dBm
2.47985000 GHz
M2[1] -48.77 dBm
2.48350000 GHz

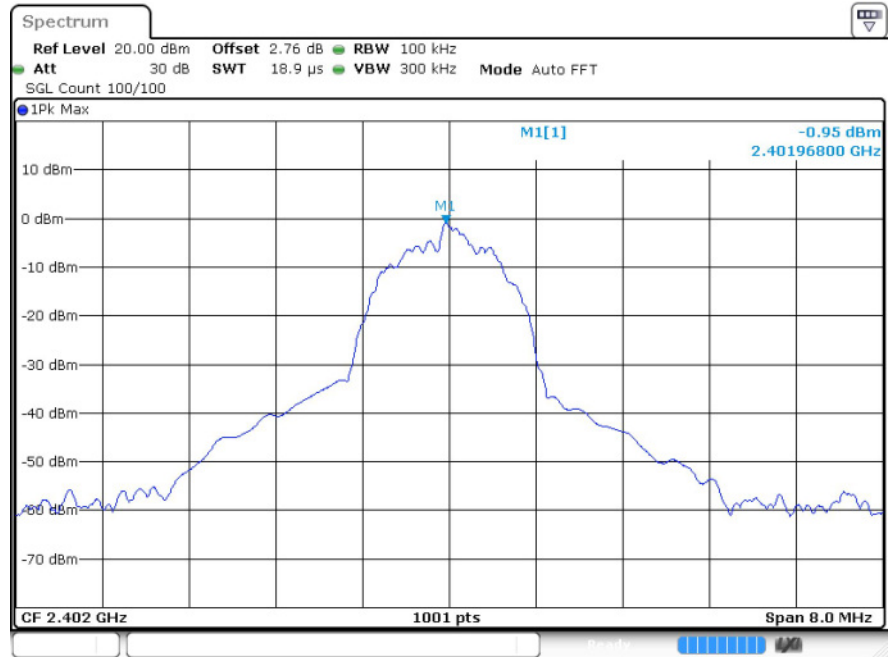
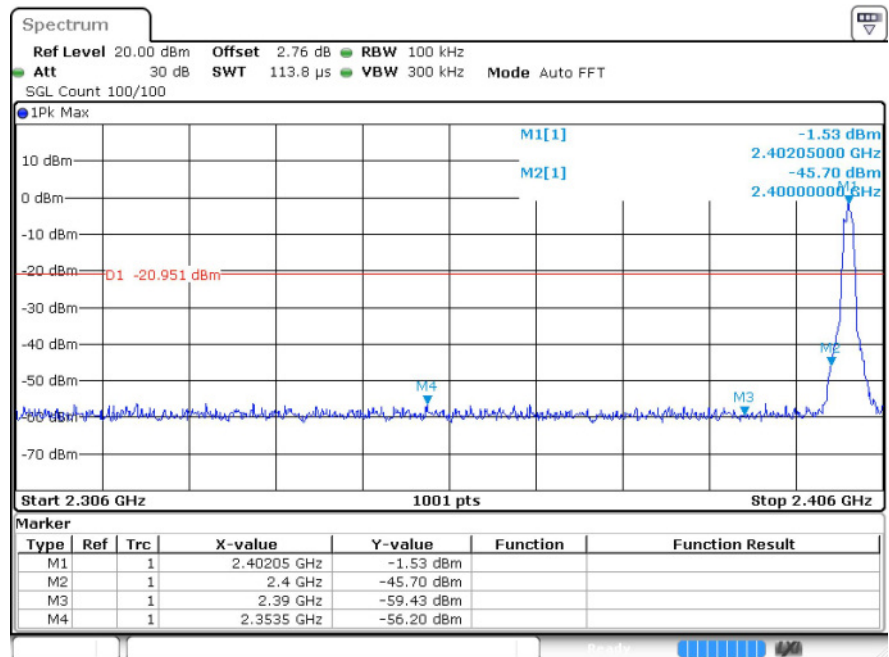
D1 -17.963 dBm

Start 2.476 GHz 1001 pts Stop 2.576 GHz

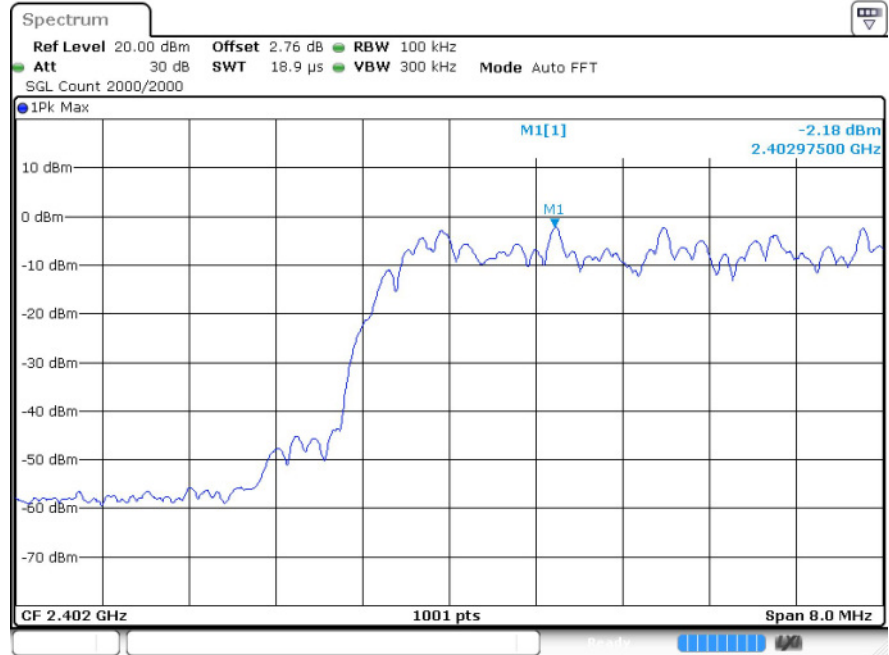
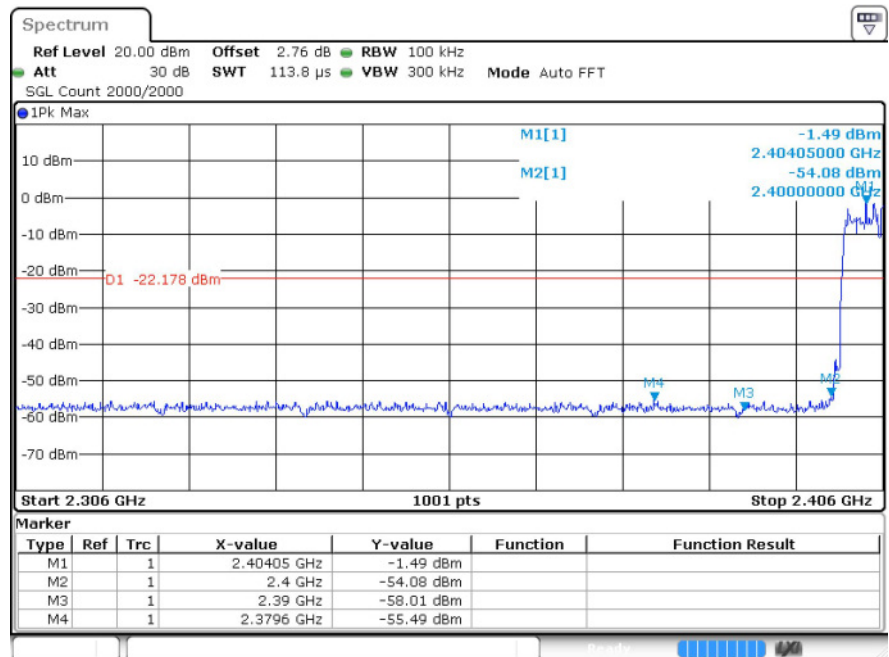
Marker

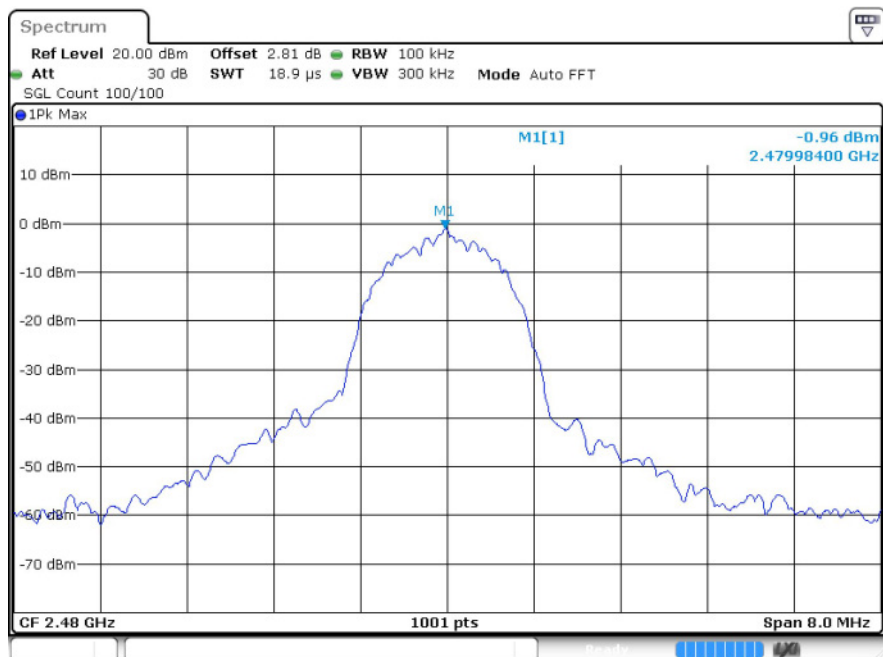
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.47985 GHz	1.05 dBm		
M2	1		2.4835 GHz	-48.77 dBm		
M3	1		2.5 GHz	-56.50 dBm		
M4	1		2.4835 GHz	-48.77 dBm		

Ref


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


Ref


 $\pi/4$ DQPSK/LCH/Hop




Spectrum

Ref Level 20.00 dBm Offset 2.81 dB RBW 100 kHz
Att 30 dB SWT 113.8 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

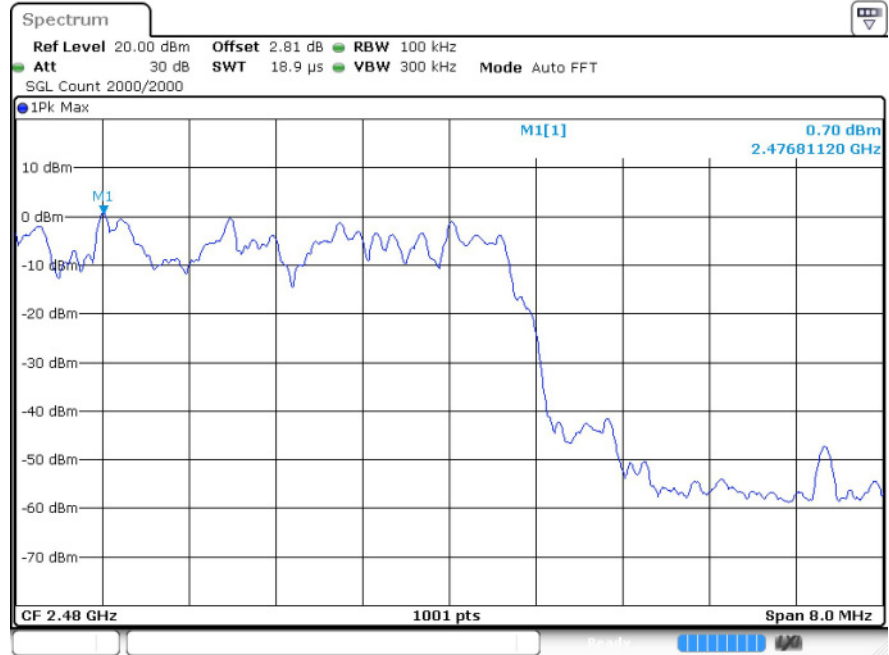
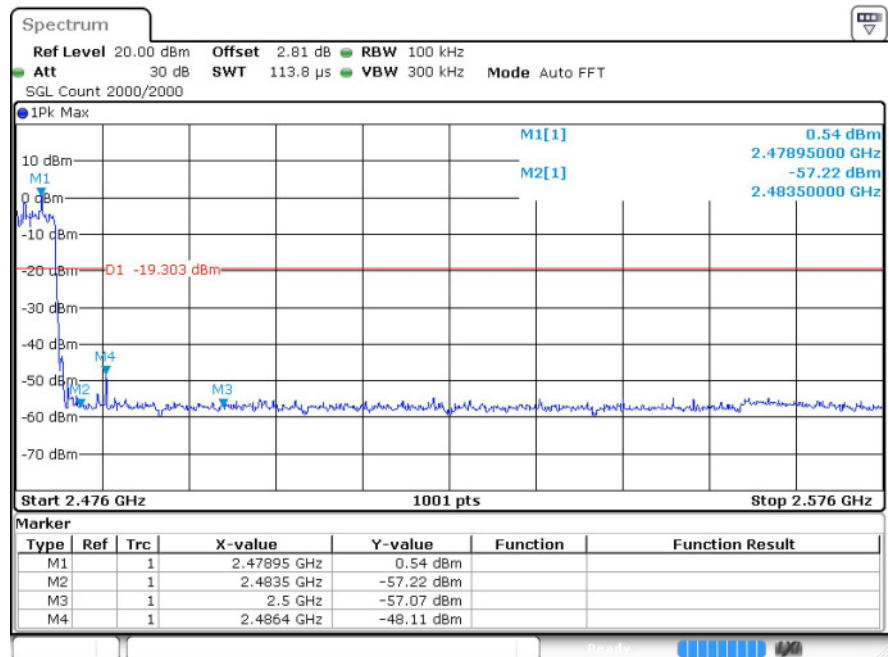
1Pk Max

M1[1] -1.48 dBm 2.48005000 GHz
M2[1] -58.70 dBm 2.48350000 GHz
D1 -20.962 dBm
M4 -47.33 dBm 2.4874 GHz
M3 -59.80 dBm 2.5 GHz

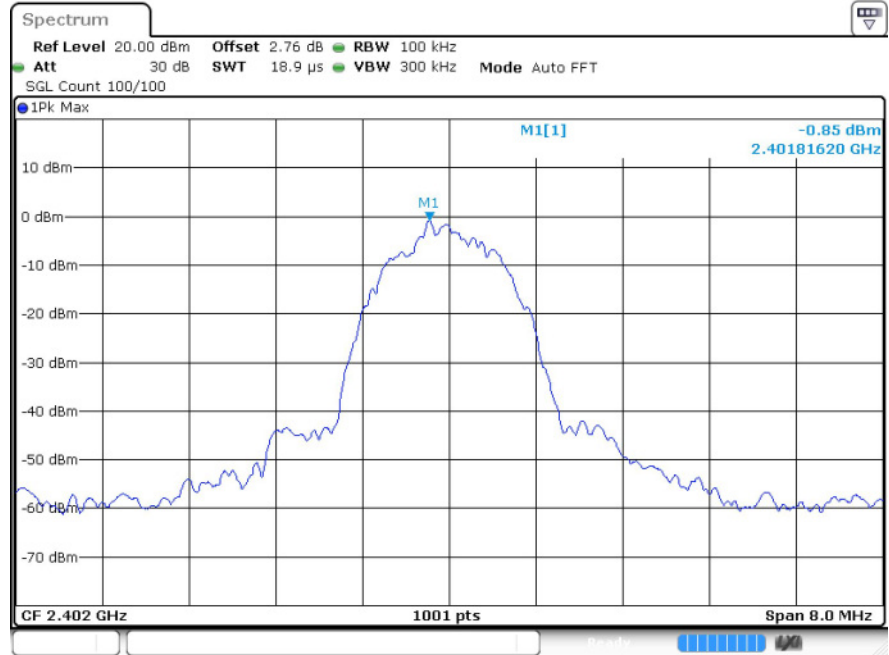
Start 2.476 GHz 1001 pts Stop 2.576 GHz

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48005 GHz	-1.48 dBm		
M2		1	2.4835 GHz	-58.70 dBm		
M3		1	2.5 GHz	-59.80 dBm		
M4		1	2.4874 GHz	-47.33 dBm		

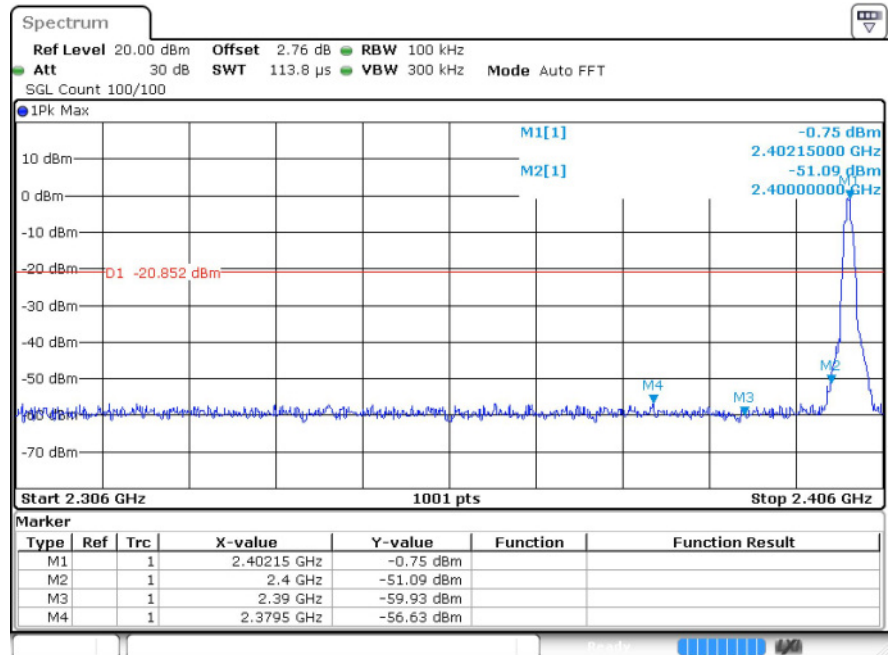
Ref


 $\pi/4$ DQPSK/HCH/Hop


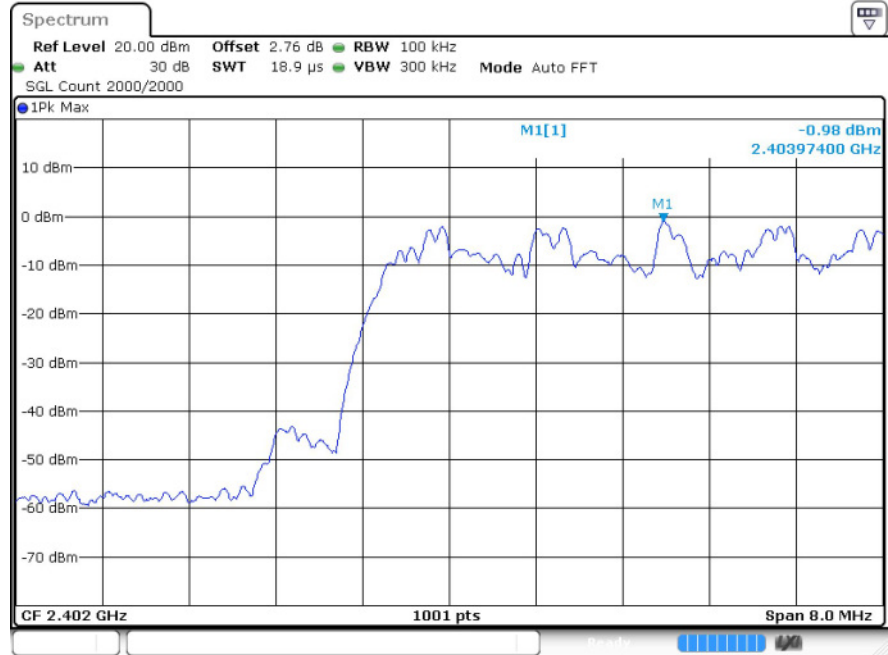
Ref



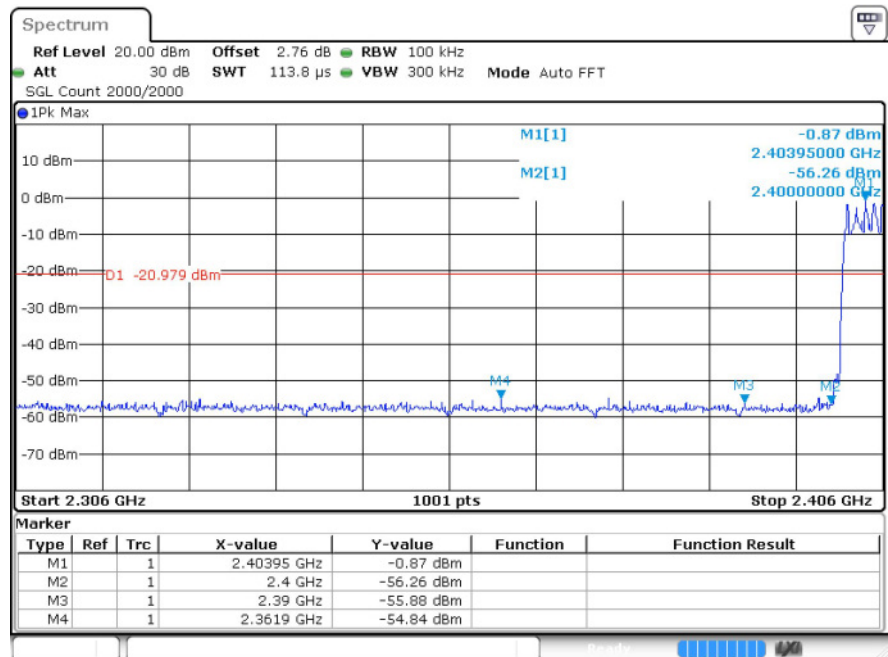
8DPSK/LCH/No Hop



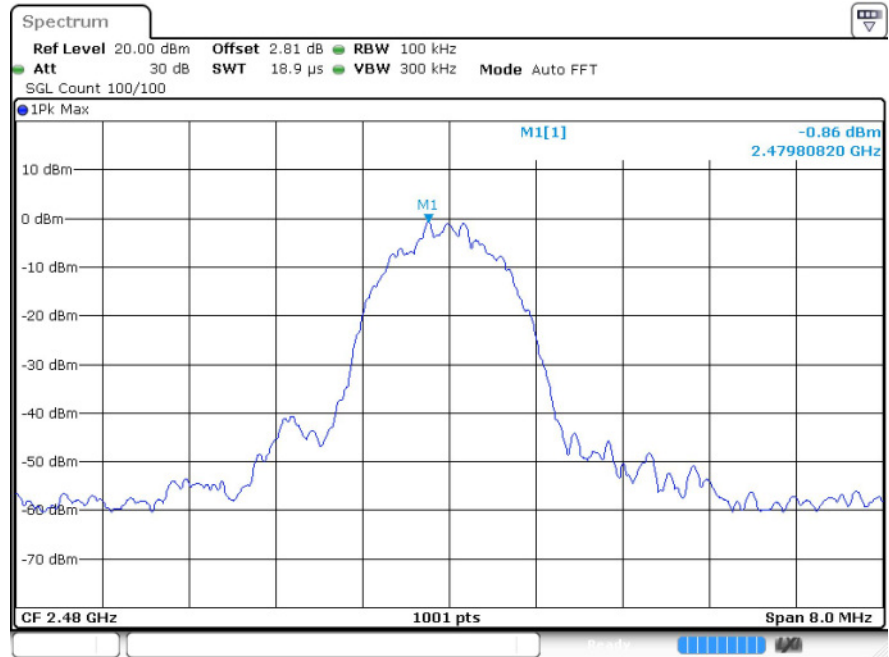
Ref



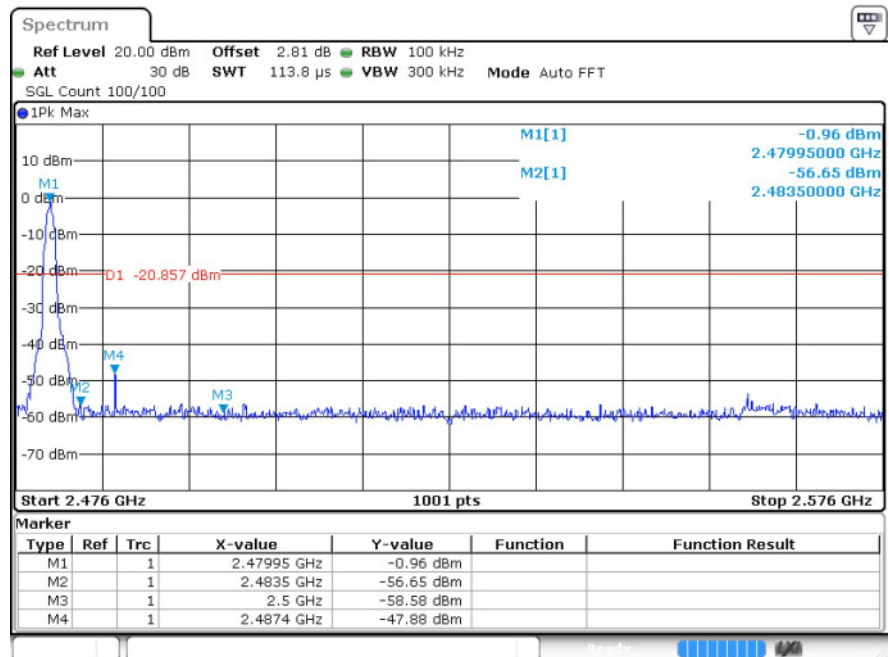
8DPSK/LCH/Hop



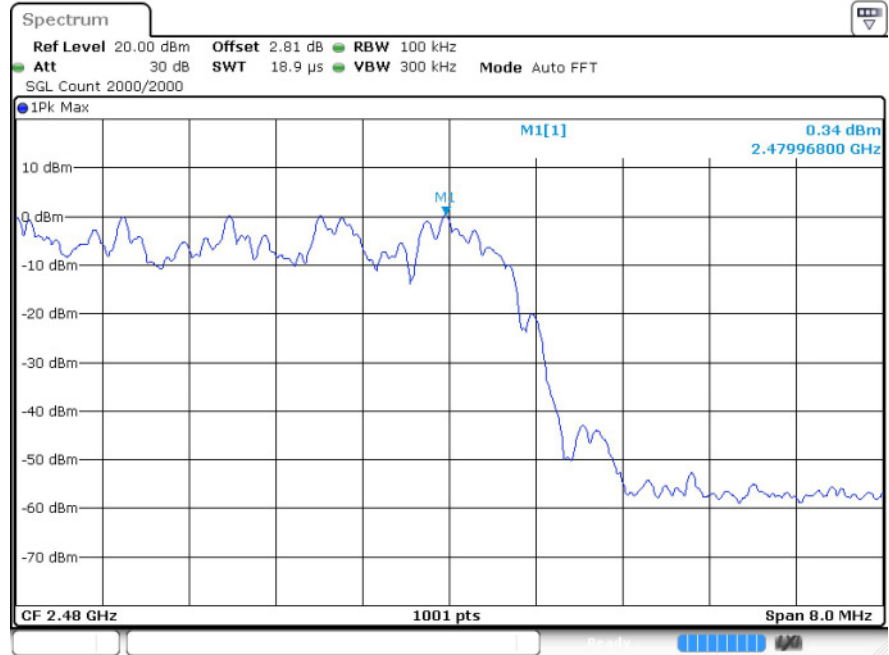
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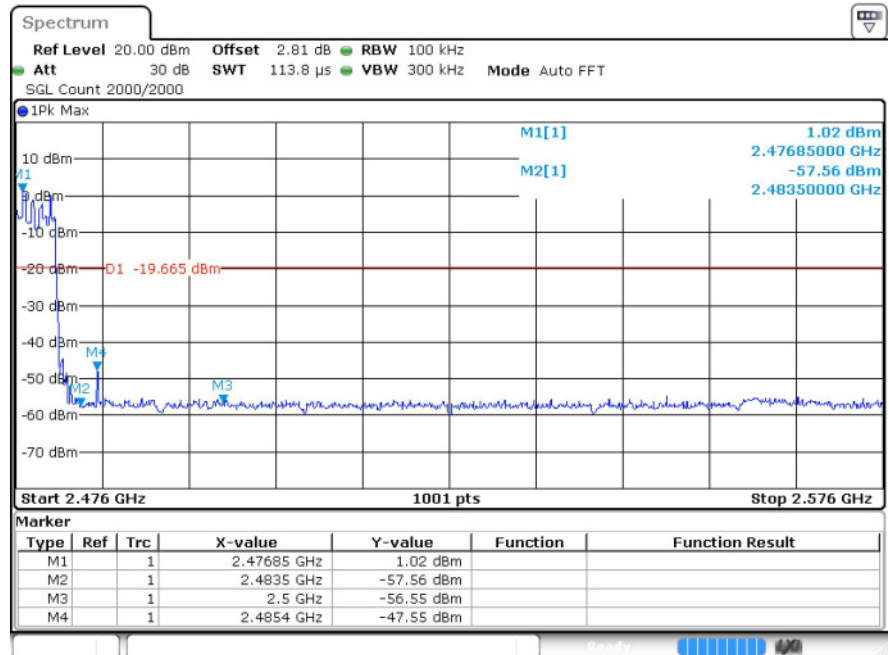
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

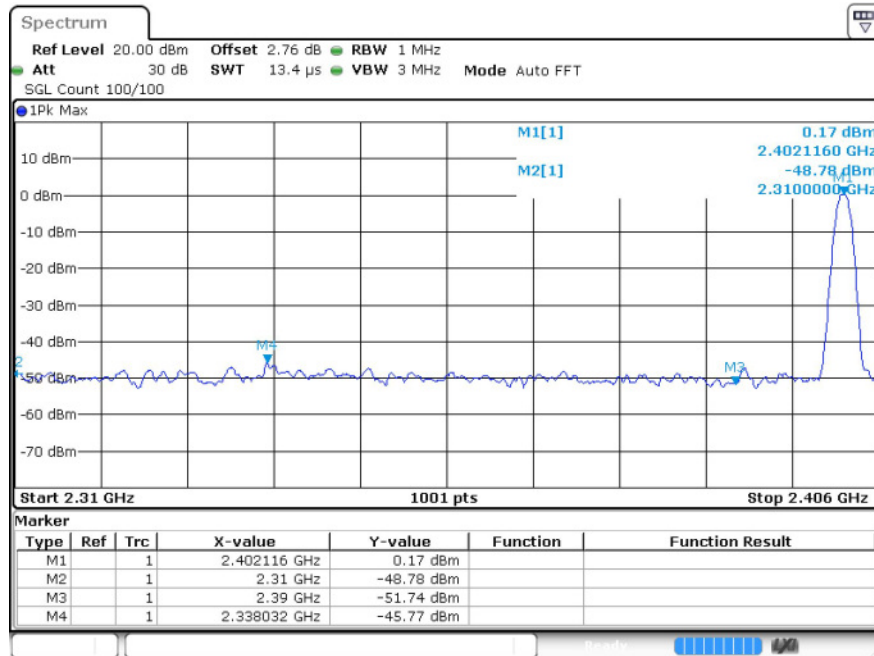
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-48.78	4.29	-	50.74	PEAK	74	Pass
	Off	2310.0	-56.55	4.29	5.06	48.03	AV	54	Pass
	Off	2338.032	-45.76	4.29	-	53.76	PEAK	74	Pass
	Off	2338.128	-54.37	4.29	5.06	50.21	AV	54	Pass
	Off	2390.0	-51.74	4.29	-	47.78	PEAK	74	Pass
	Off	2390.0	-57.43	4.29	5.06	47.15	AV	54	Pass
	Off	2483.5	-48.45	4.29	-	51.07	PEAK	74	Pass
	Off	2483.5	-55.96	4.29	5.06	48.62	AV	54	Pass
	Off	2496.856	-47.77	4.29	-	51.75	PEAK	74	Pass
	Off	2486.704	-55.64	4.29	5.06	48.94	AV	54	Pass
	Off	2500.0	-50.51	4.29	-	49.01	PEAK	74	Pass
	Off	2500.0	-57.38	4.29	5.06	47.2	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-49.77	4.29	-	49.75	PEAK	74	Pass
	Off	2310.0	-57.23	4.29	4.95	47.24	AV	54	Pass
	Off	2388.432	-47.24	4.29	-	52.28	PEAK	74	Pass
	Off	2339.568	-54.32	4.29	4.95	50.15	AV	54	Pass
	Off	2390.0	-49.83	4.29	-	49.69	PEAK	74	Pass
	Off	2390.0	-56.7	4.29	4.95	47.77	AV	54	Pass
	Off	2483.5	-49.65	4.29	-	49.87	PEAK	74	Pass
	Off	2483.5	-55.22	4.29	4.95	49.25	AV	54	Pass
	Off	2487.376	-45.93	4.29	-	53.59	PEAK	74	Pass
	Off	2483.512	-55.22	4.29	4.95	49.25	AV	54	Pass
	Off	2500.0	-50.26	4.29	-	49.26	PEAK	74	Pass
	Off	2500.0	-56.73	4.29	4.95	47.74	AV	54	Pass
8DPSK	Off	2310.0	-48.5	4.29	-	51.02	PEAK	74	Pass
	Off	2310.0	-56.33	4.29	4.95	48.14	AV	54	Pass
	Off	2343.12	-46.51	4.29	-	53.01	PEAK	74	Pass
	Off	2341.968	-54.74	4.29	4.95	49.73	AV	54	Pass



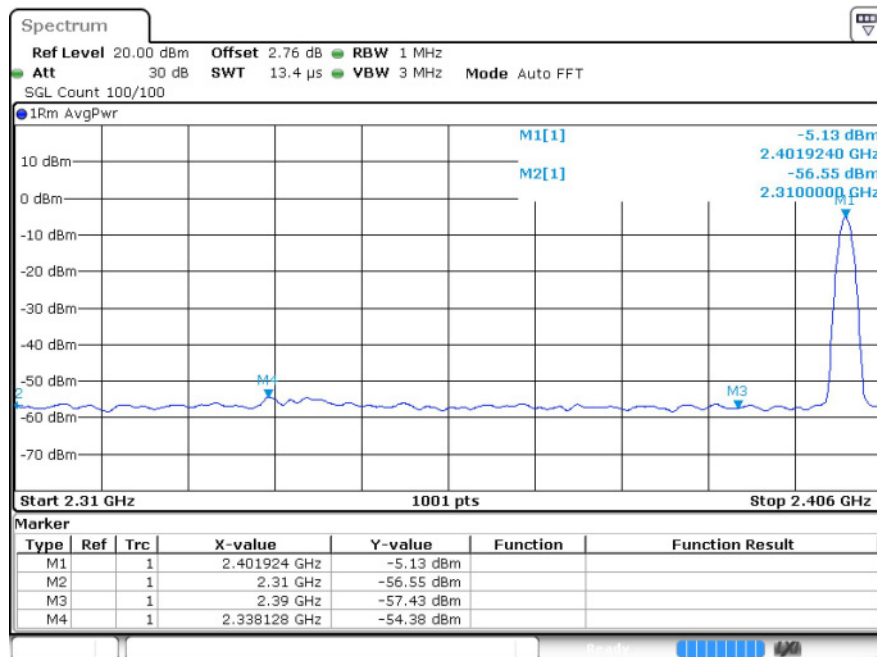
Off	2390.0	-51.54	4.29	-	47.98	PEAK	74	Pass
Off	2390.0	-56.4	4.29	4.95	48.07	AV	54	Pass
Off	2483.5	-48.74	4.29	-	50.78	PEAK	74	Pass
Off	2483.5	-56.6	4.29	4.95	47.87	AV	54	Pass
Off	2487.424	-45.37	4.29	-	54.15	PEAK	74	Pass
Off	2500	-55.67	4.29	4.95	48.8	AV	54	Pass
Off	2500.0	-49.59	4.29	-	49.93	PEAK	74	Pass
Off	2500.0	-55.68	4.29	4.95	48.79	AV	54	Pass

9.2 Test Graphs

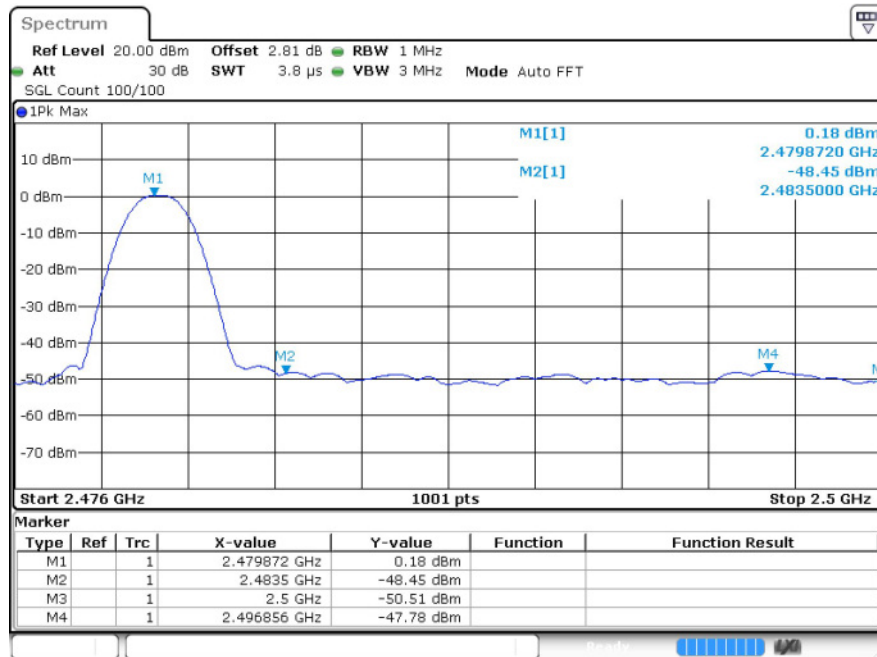
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



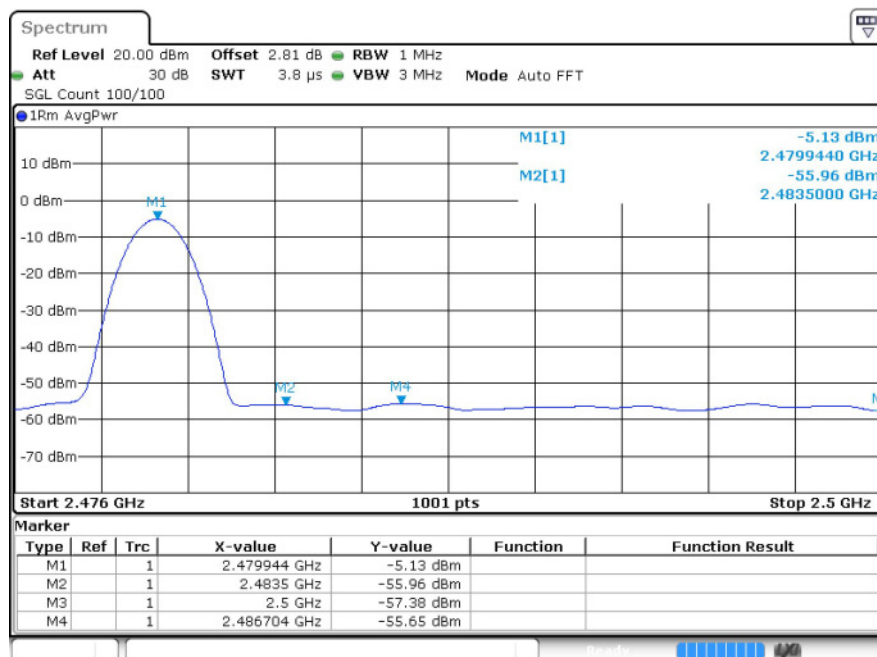
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



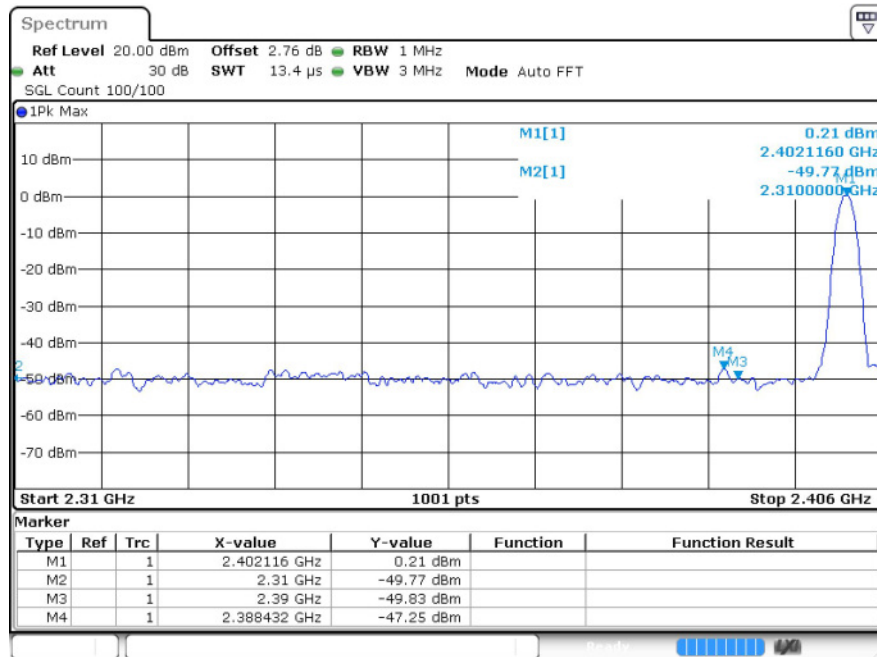
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



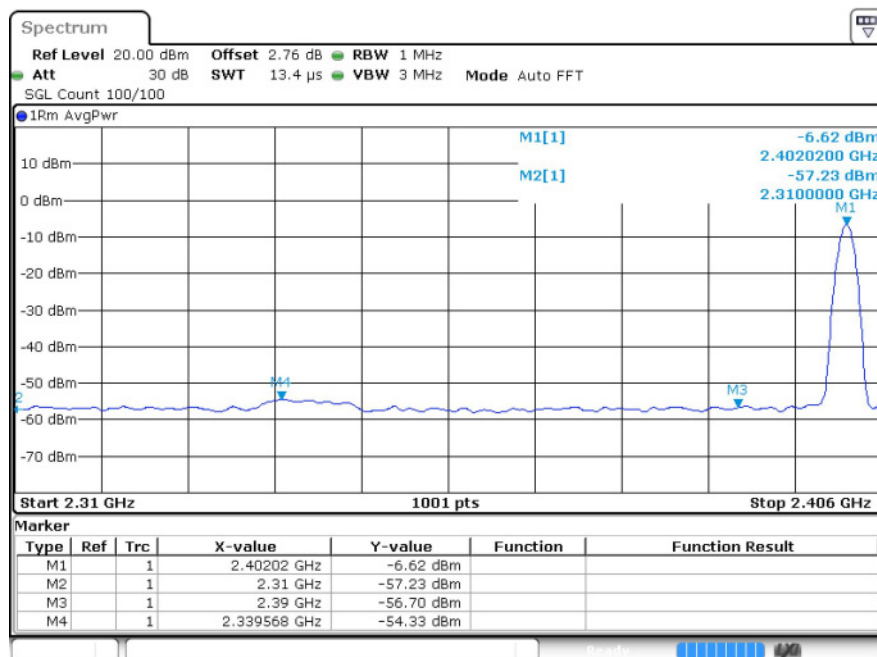
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



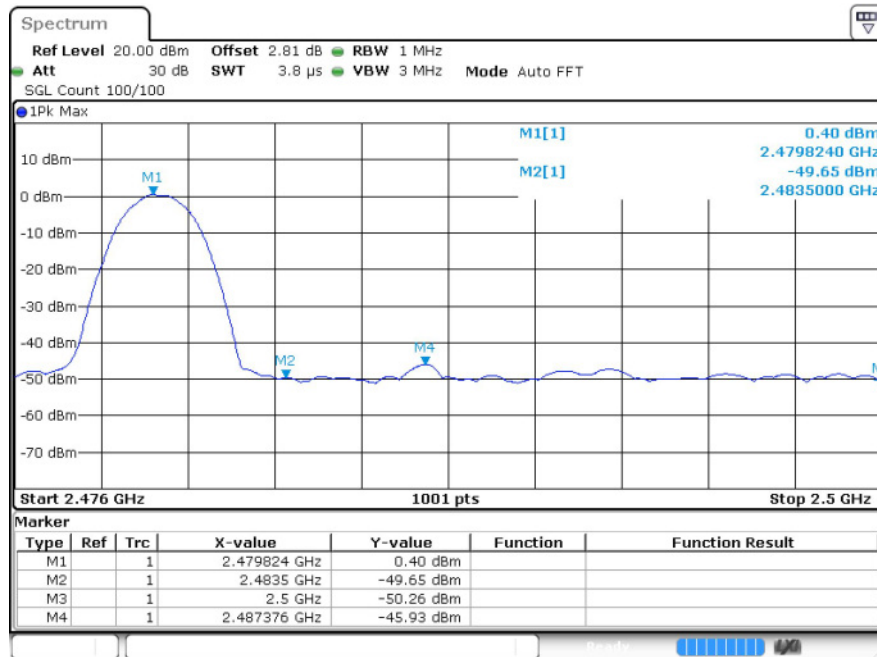
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



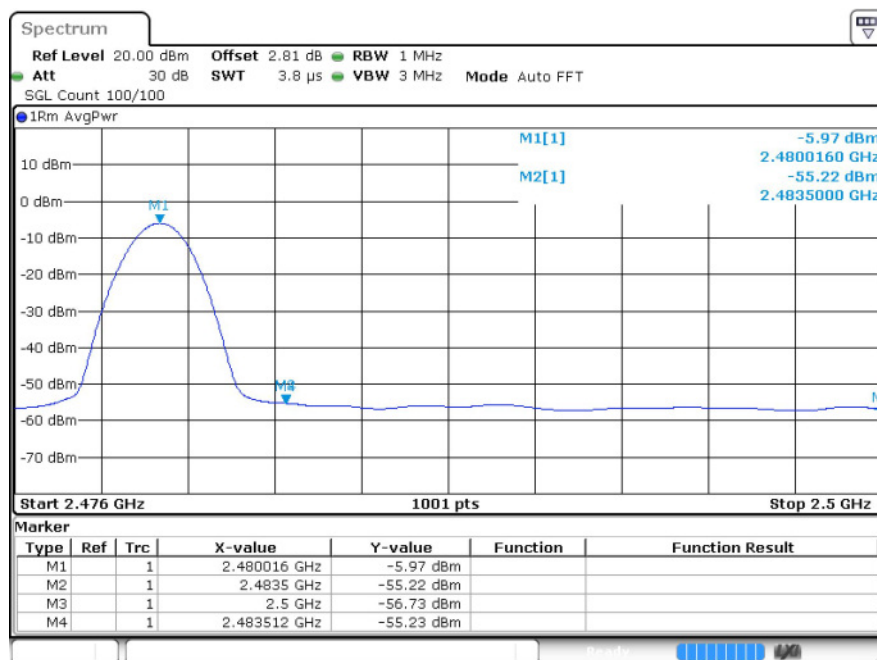
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



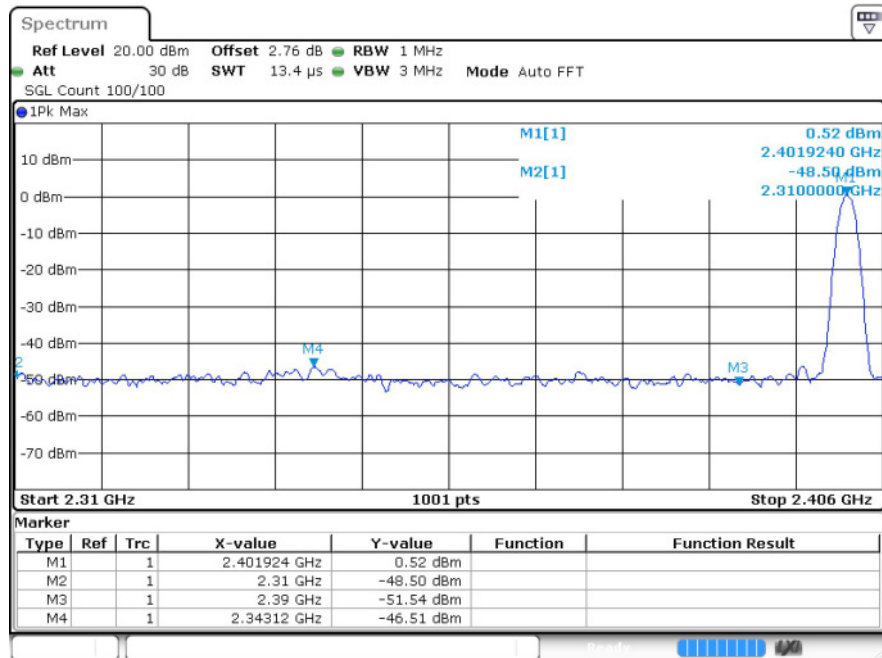
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



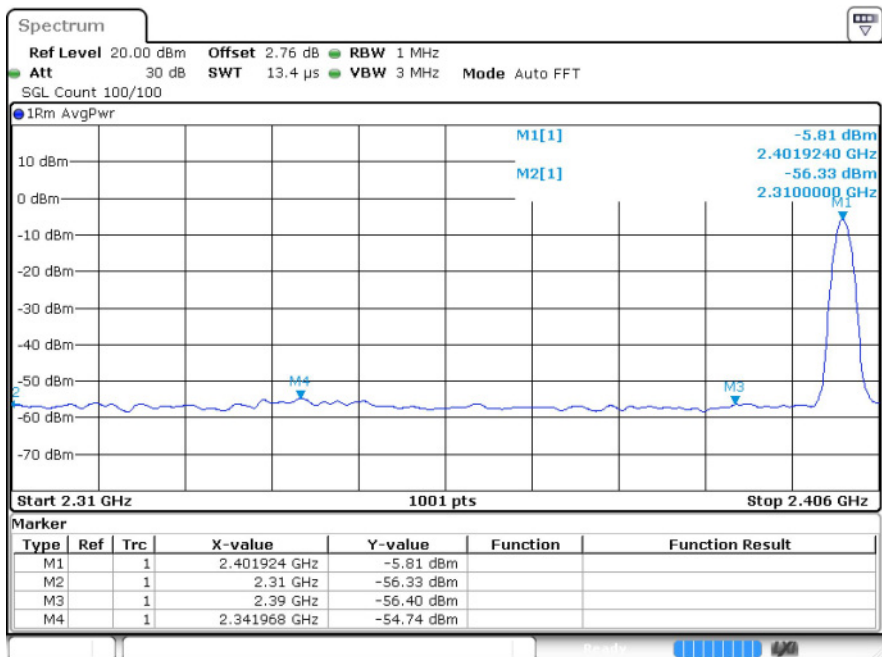
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



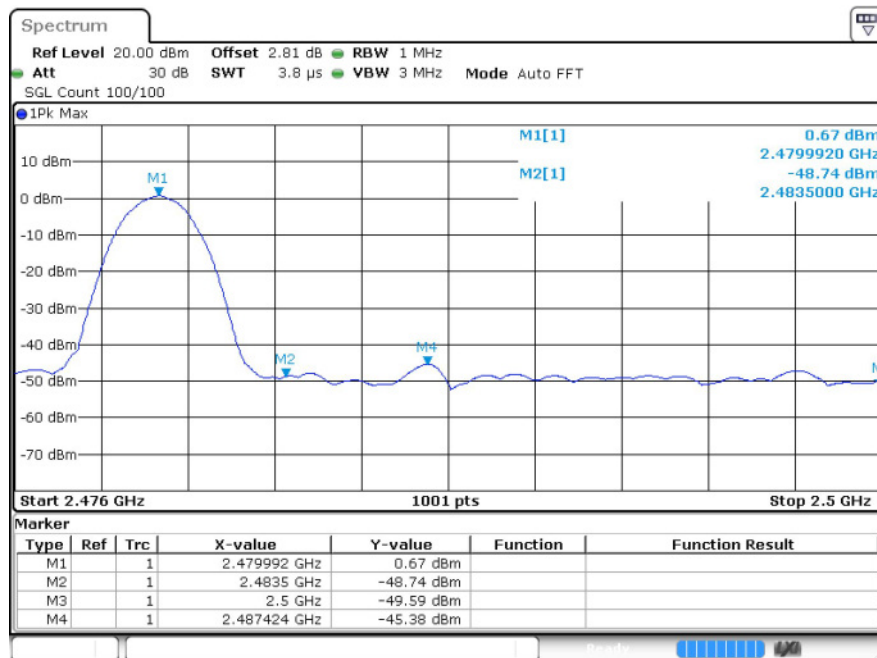
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



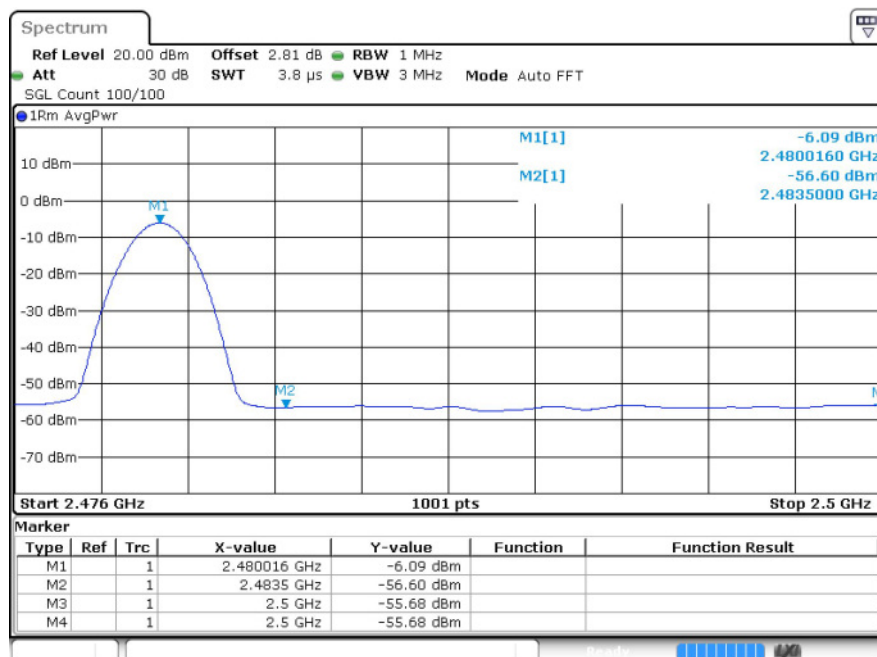
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---