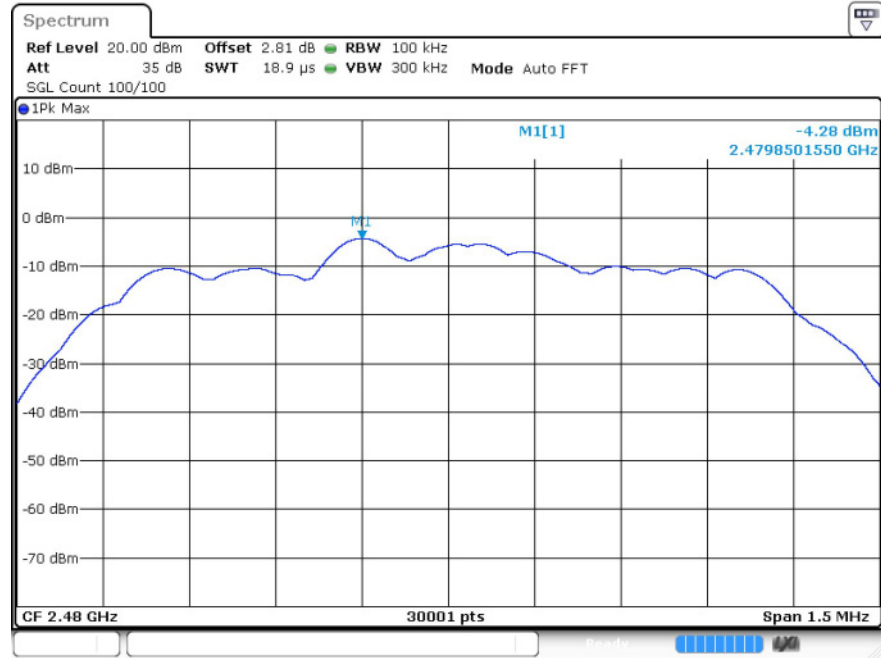
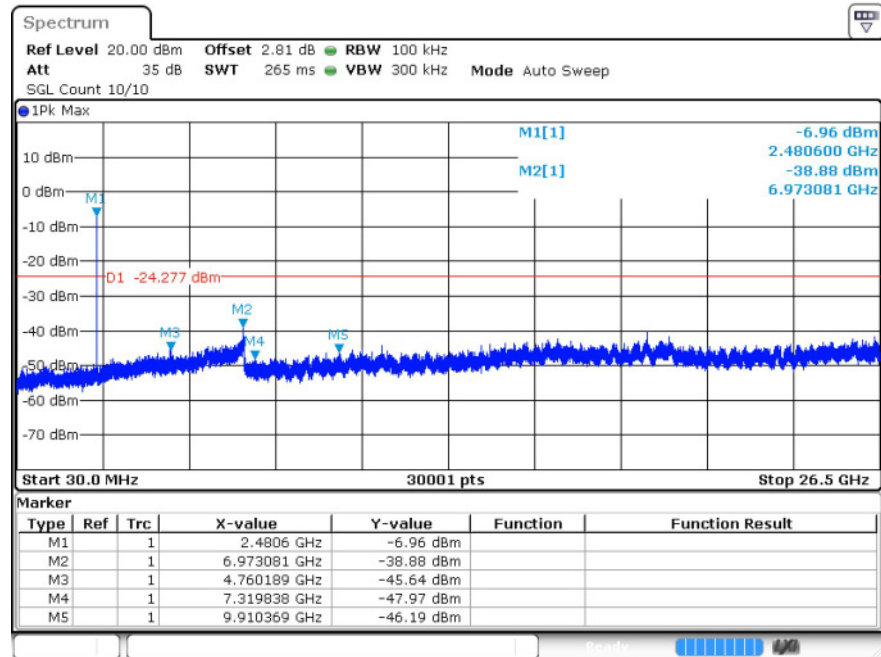


π /4DQPSK_HCH_Graphs

Pref

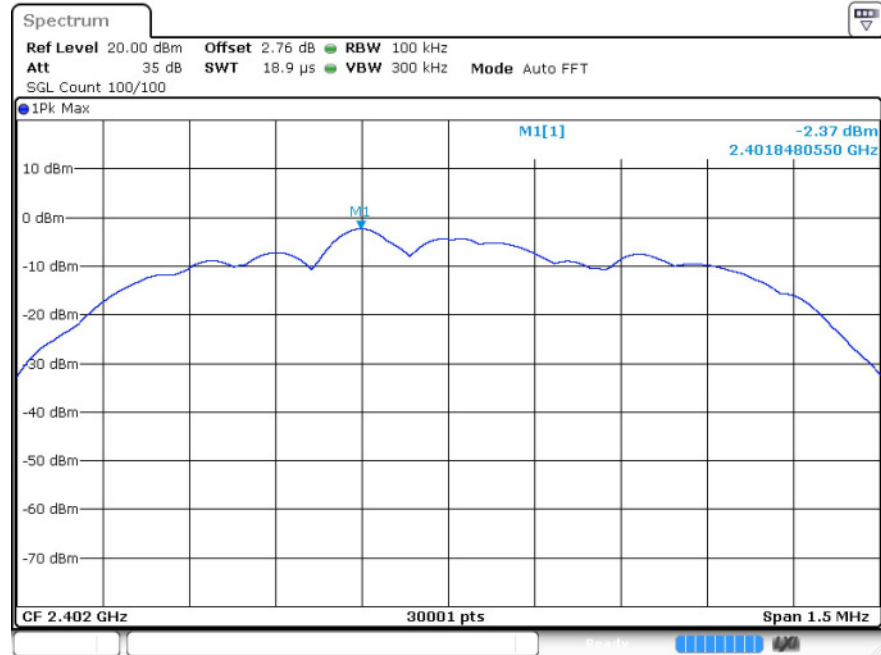


Puw

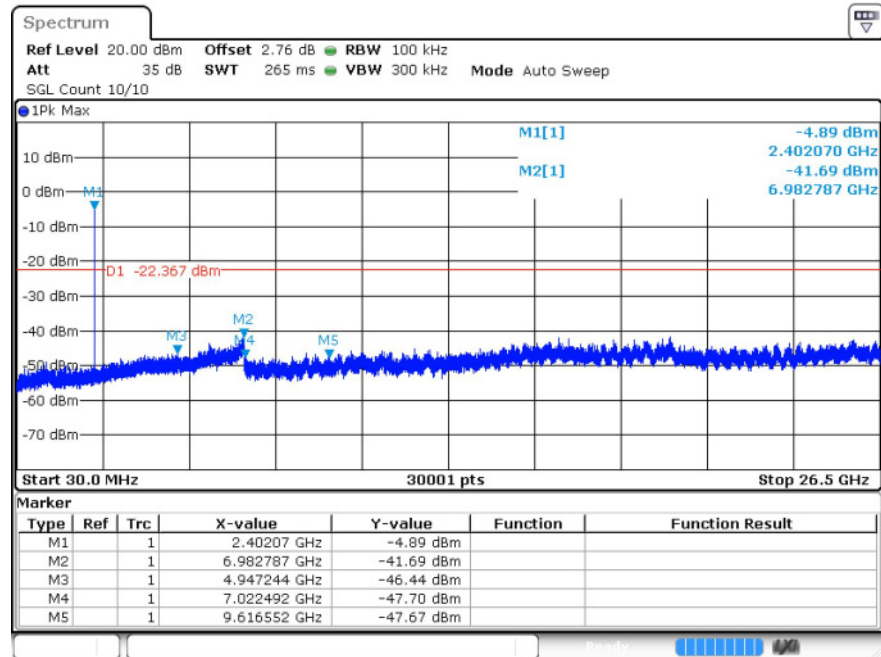


8DPSK_LCH_Graphs

Pref

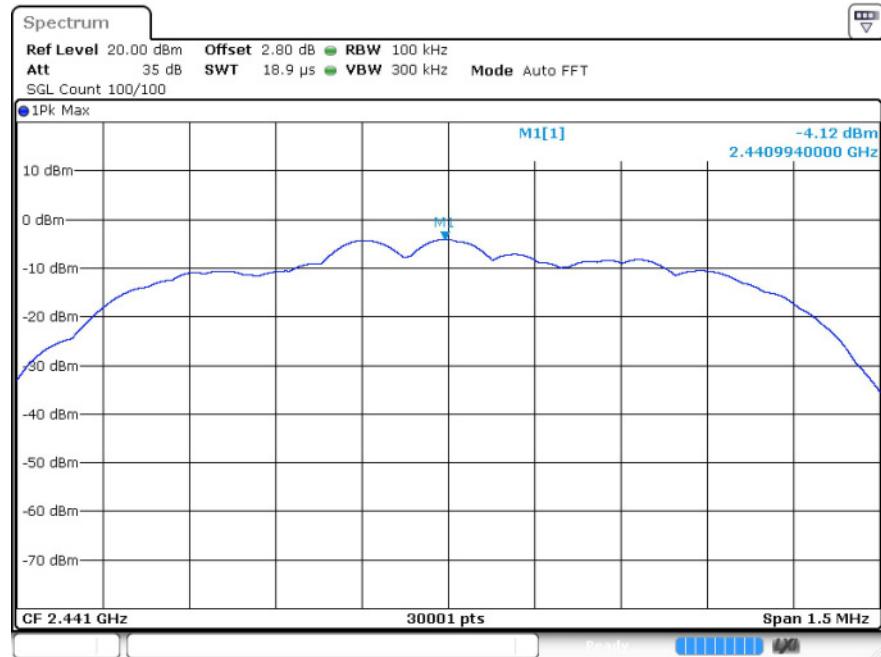


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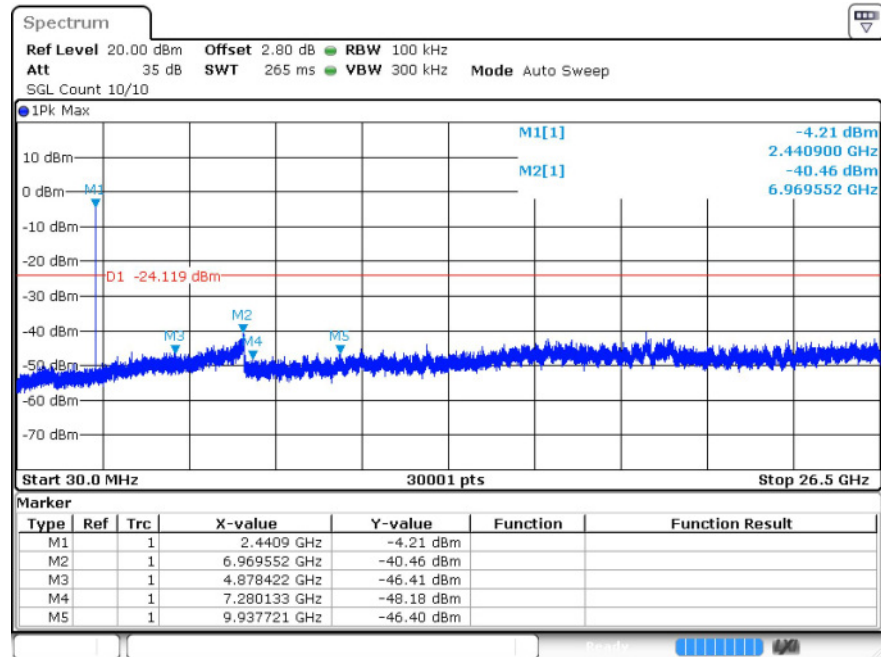


8DPSK_MCH_Graphs

Pref

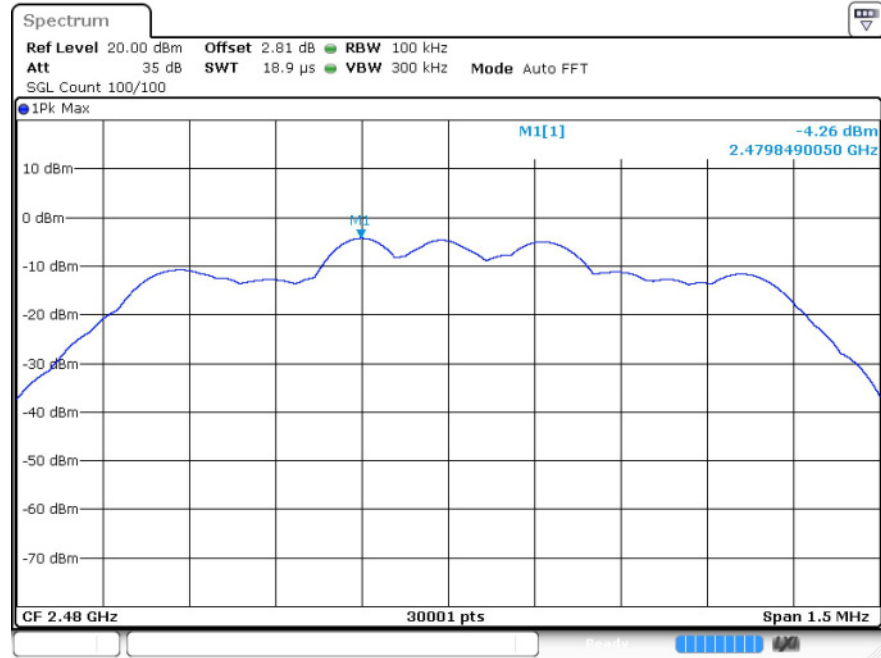


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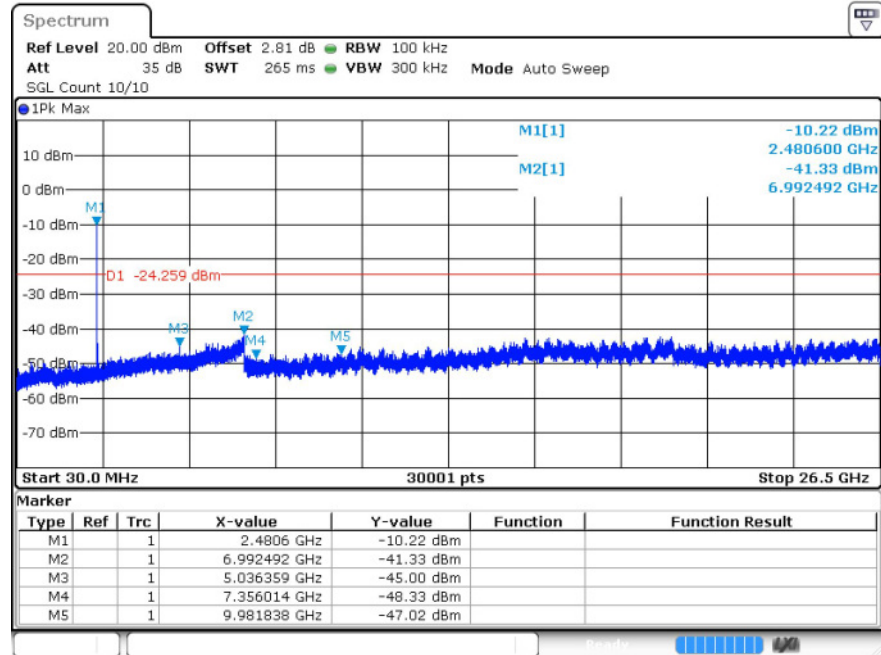


8DPSK_HCH_Graphs

Pref



Puw

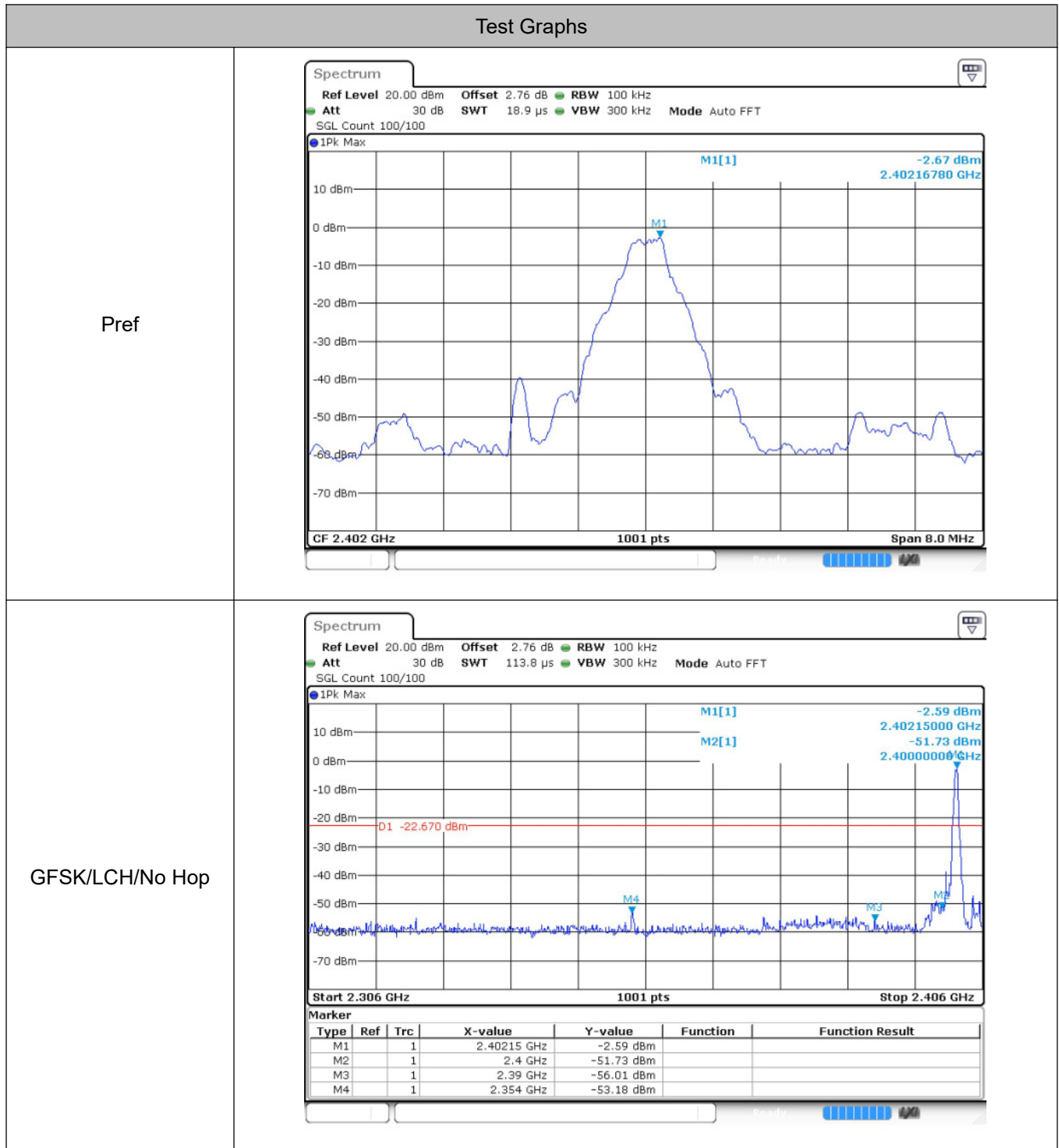


8 Band-edge for RF Conducted Emissions

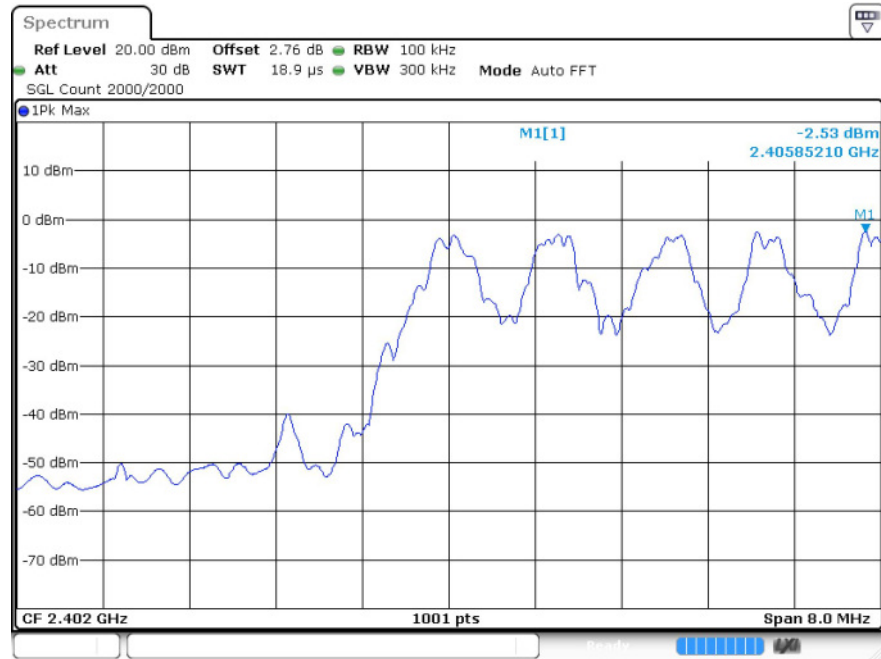
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-50.51	-20	Pass
			On	-50.69	-20	Pass
	HCH	2480	Off	-49.23	-20	Pass
			On	-47.97	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-51.07	-20	Pass
			On	-49.88	-20	Pass
	HCH	2480	Off	-49.17	-20	Pass
			On	-48.64	-20	Pass
8DPSK	LCH	2402	Off	-50.42	-20	Pass
			On	-51.07	-20	Pass
	HCH	2480	Off	-46.28	-20	Pass
			On	-49.19	-20	Pass

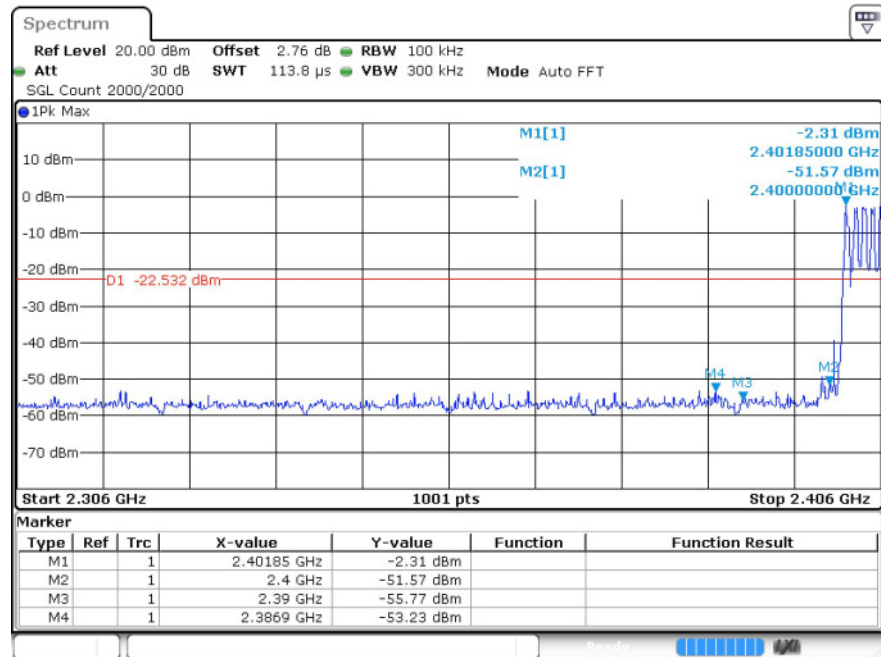
8.2 Test Graphs



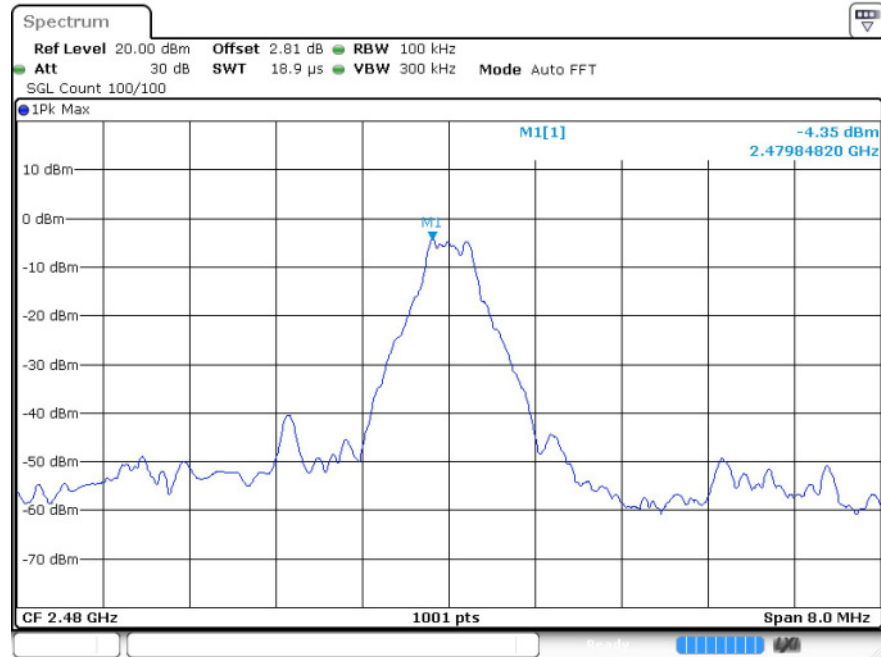
Ref



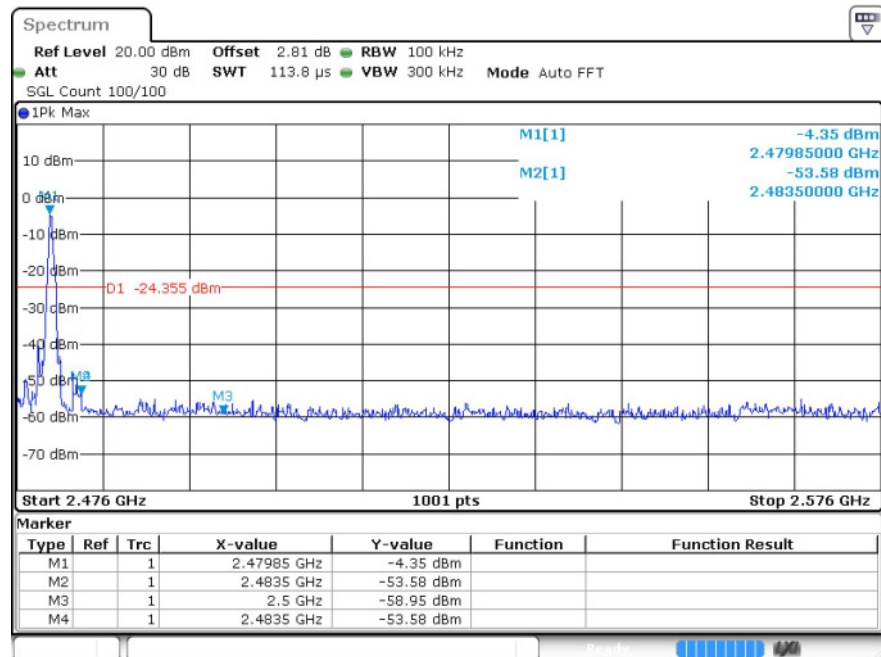
GFSK/LCH/Hop



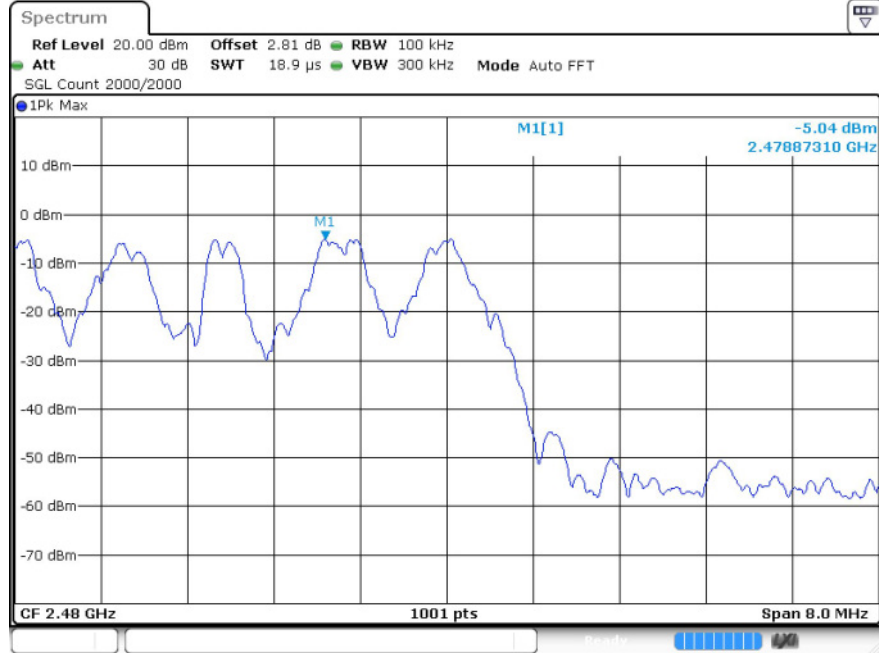
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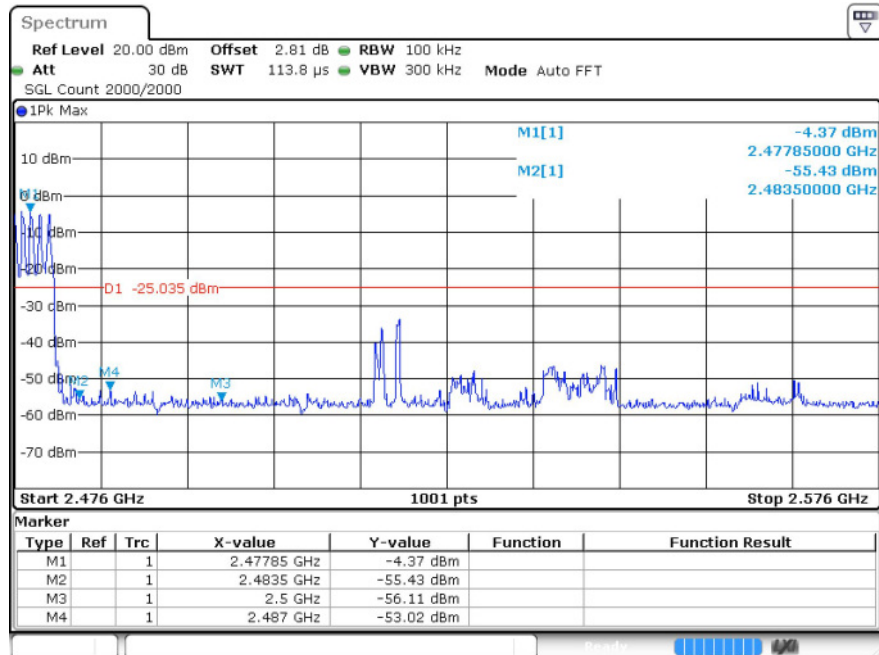
GFSK/HCH/No Hop

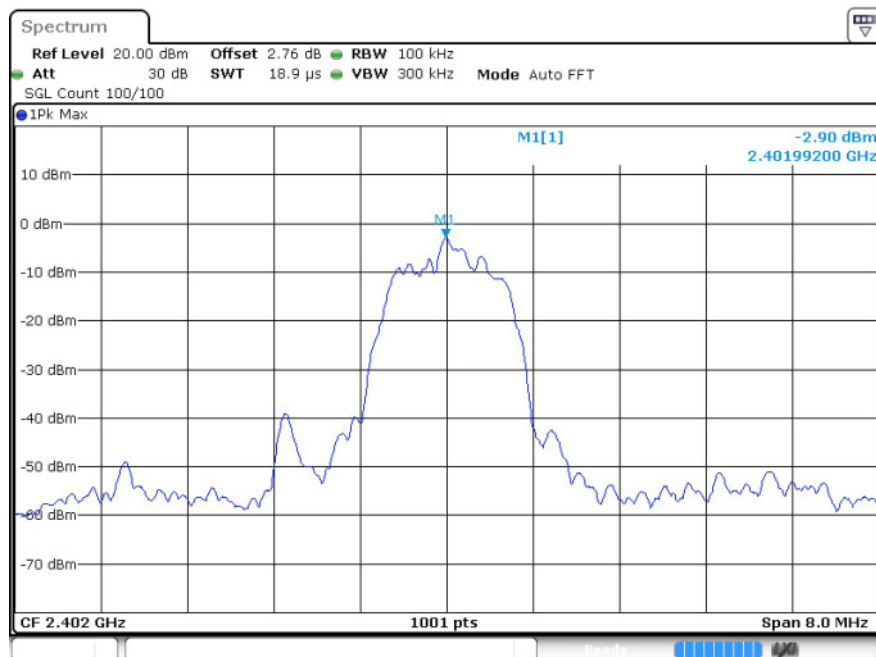


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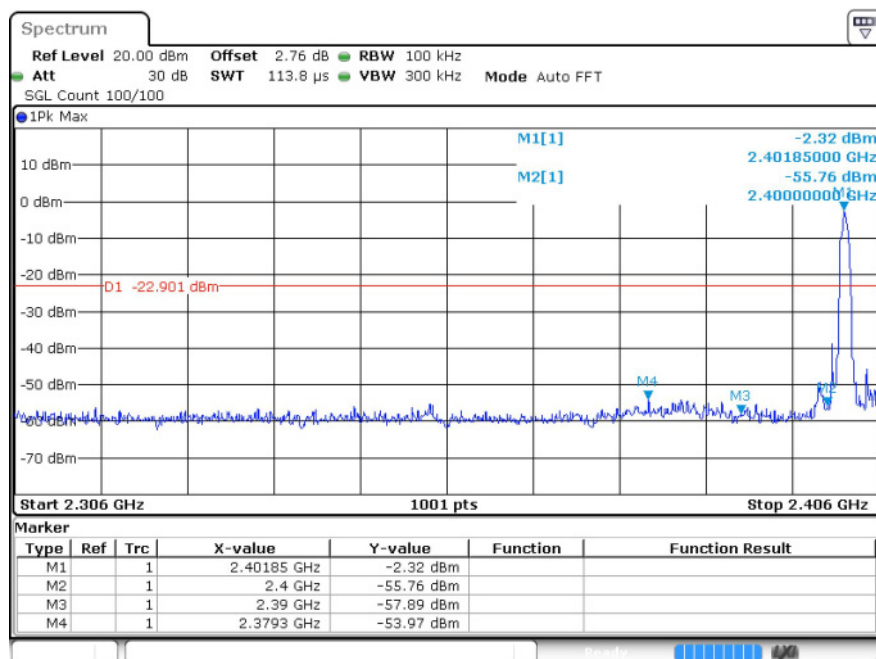


GFSK/HCH/Hop

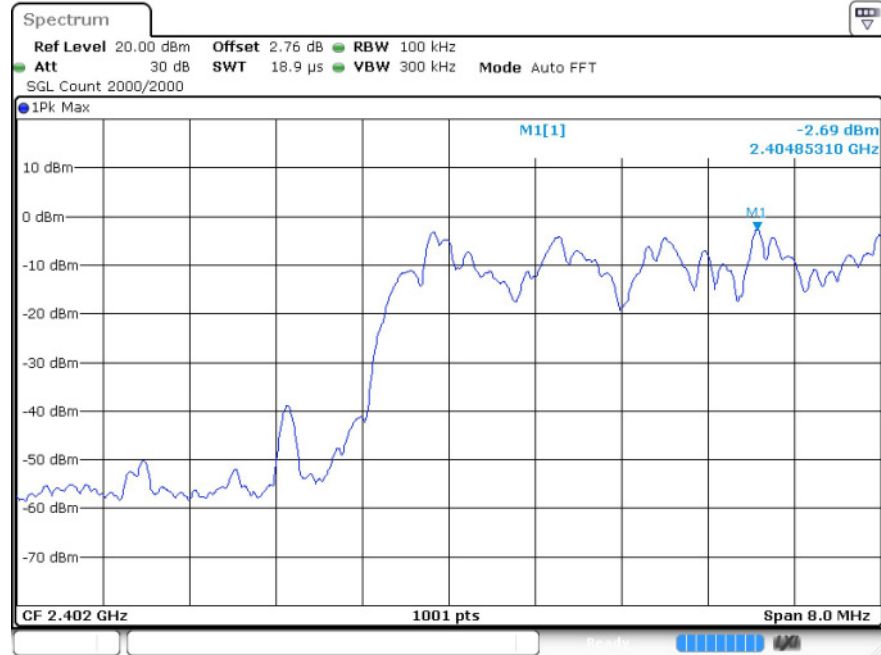
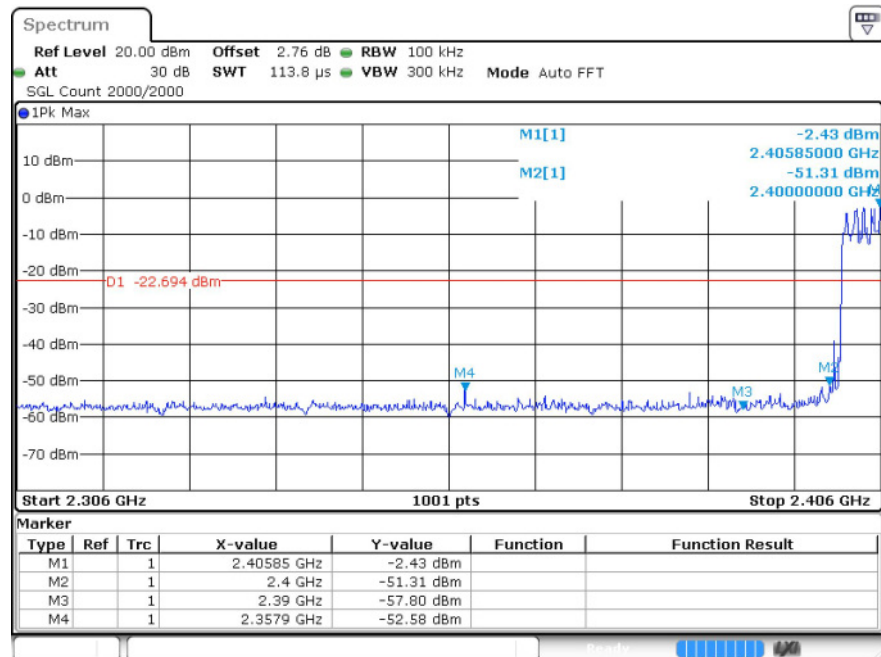




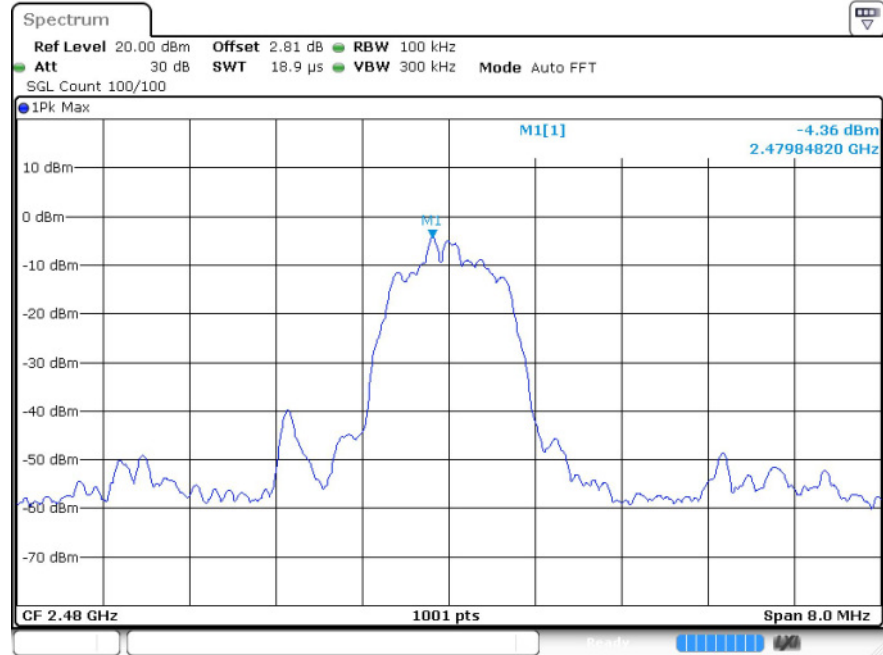
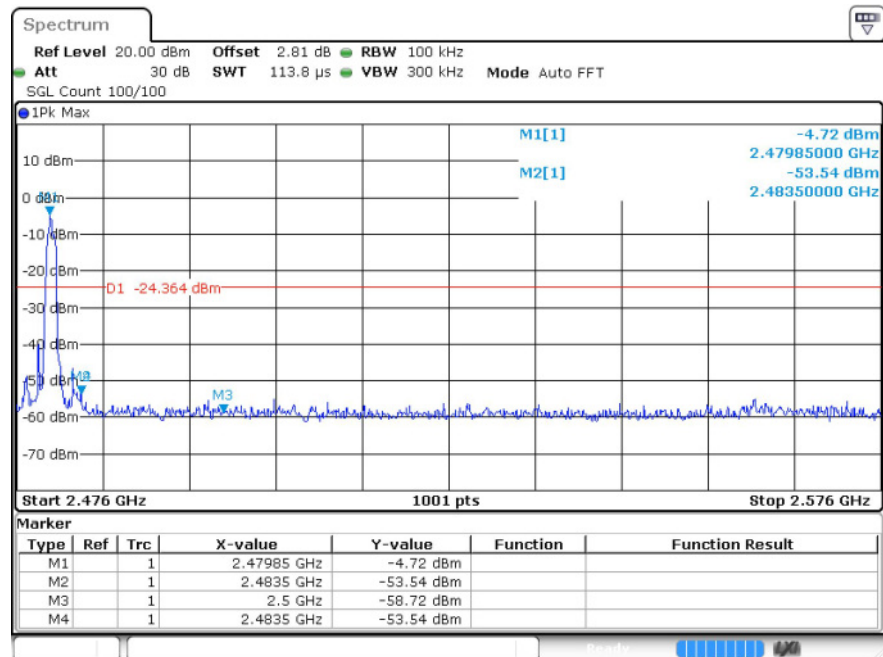
$\pi/4$ DQPSK/LCH/No
Hop



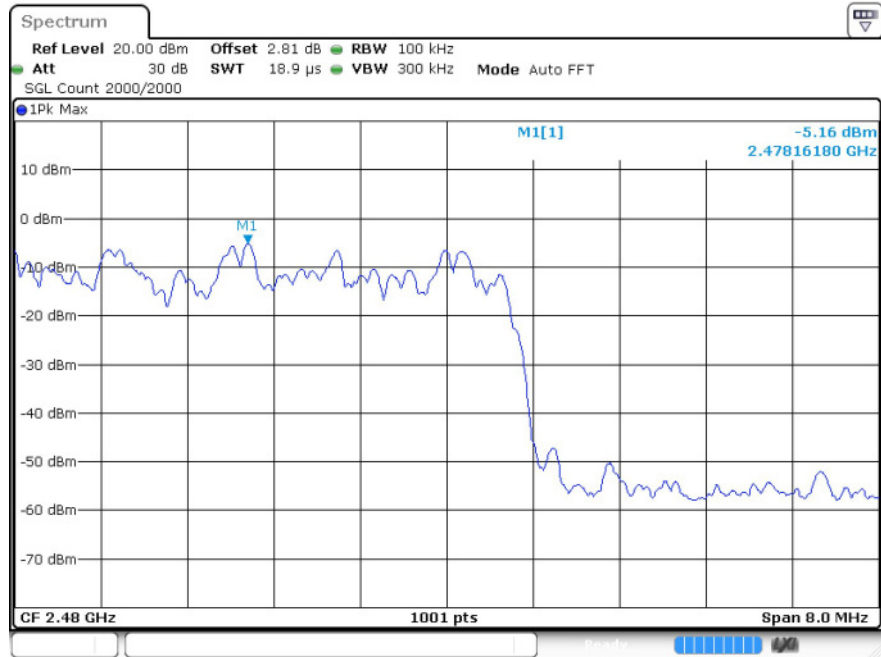
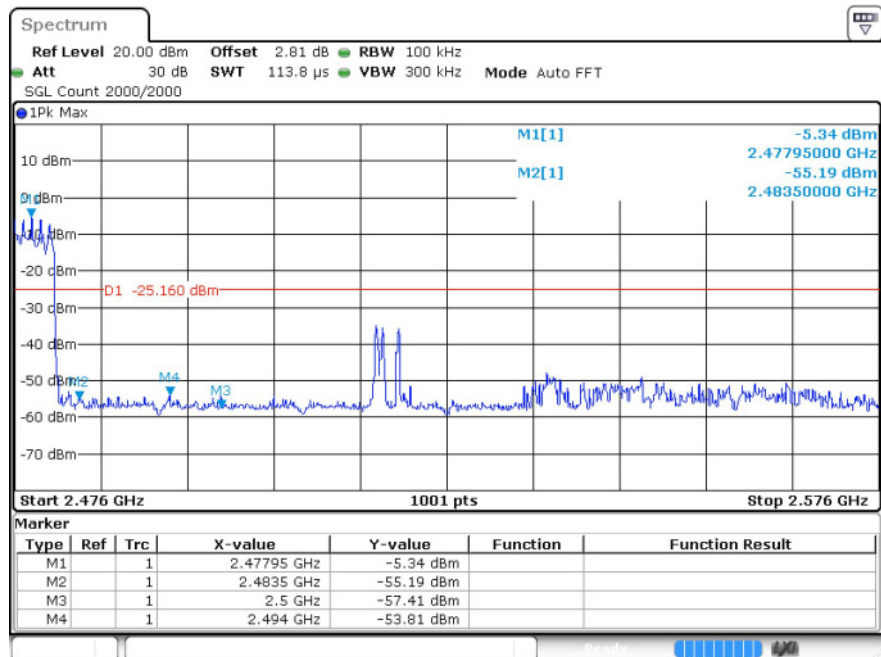
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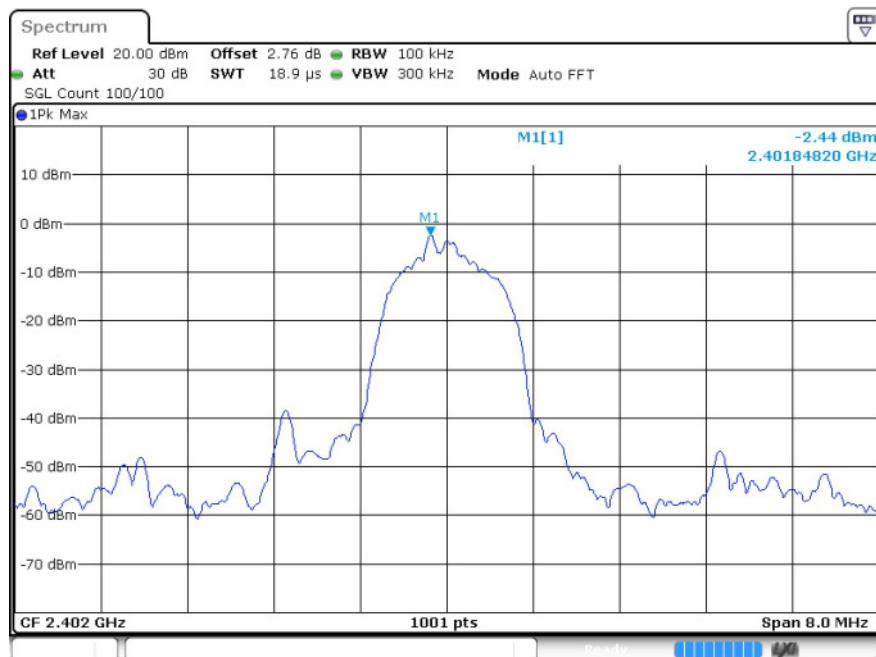

 $\pi/4$ DQPSK/LCH/Hop


Ref


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


Ref


 $\pi/4$ DQPSK/HCH/Hop




Spectrum

Ref Level 20.00 dBm Offset 2.76 dB RBW 100 kHz
Att 30 dB SWT 113.8 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm

M1[1] -3.25 dBm
2.40195000 GHz
M2[1] -56.81 dBm
2.40000000 GHz

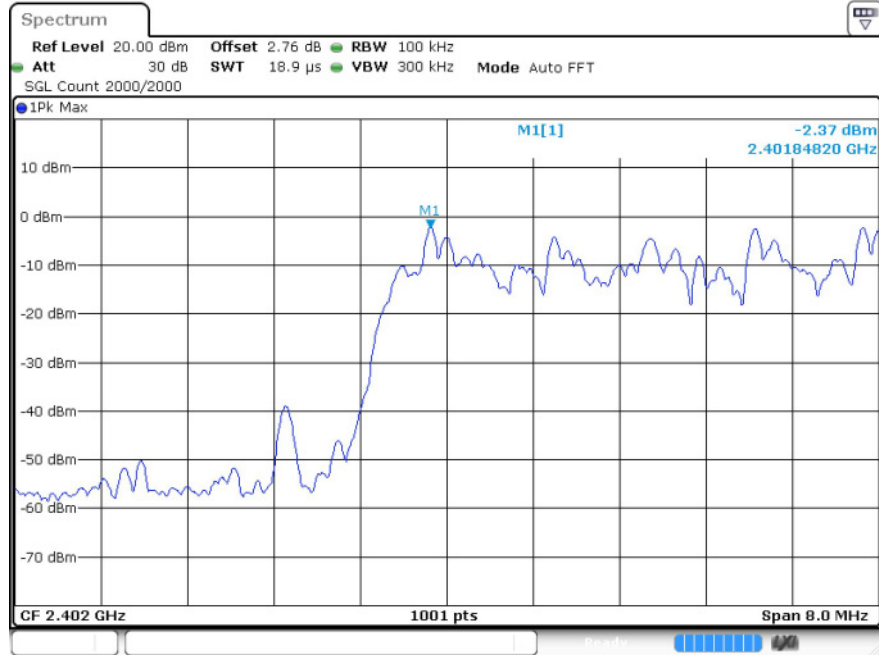
D1 -22.439 dBm

Start 2.306 GHz 1001 pts Stop 2.406 GHz

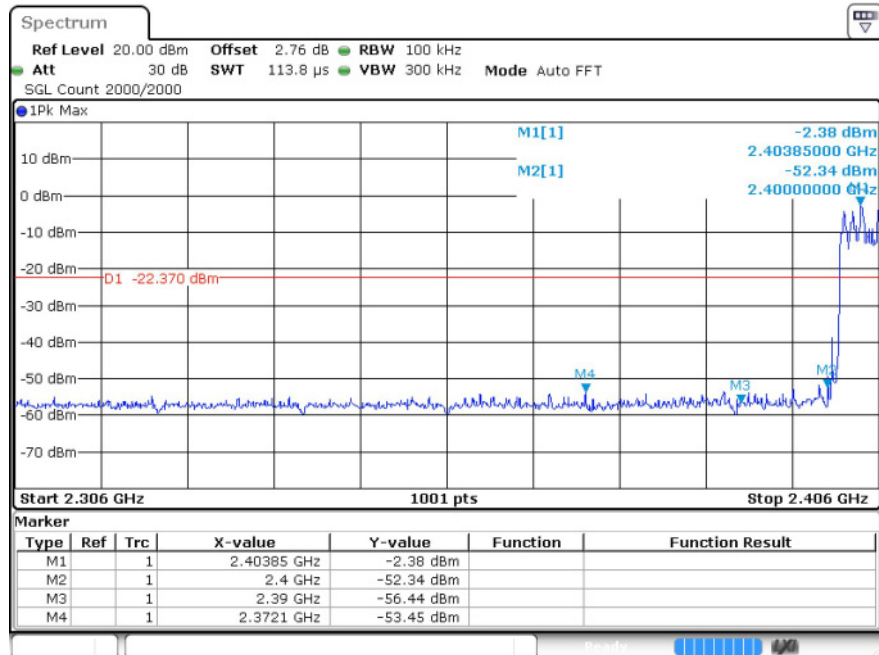
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40195 GHz	-3.25 dBm		
M2		1	2.4 GHz	-56.81 dBm		
M3		1	2.39 GHz	-57.55 dBm		
M4		1	2.3834 GHz	-52.87 dBm		

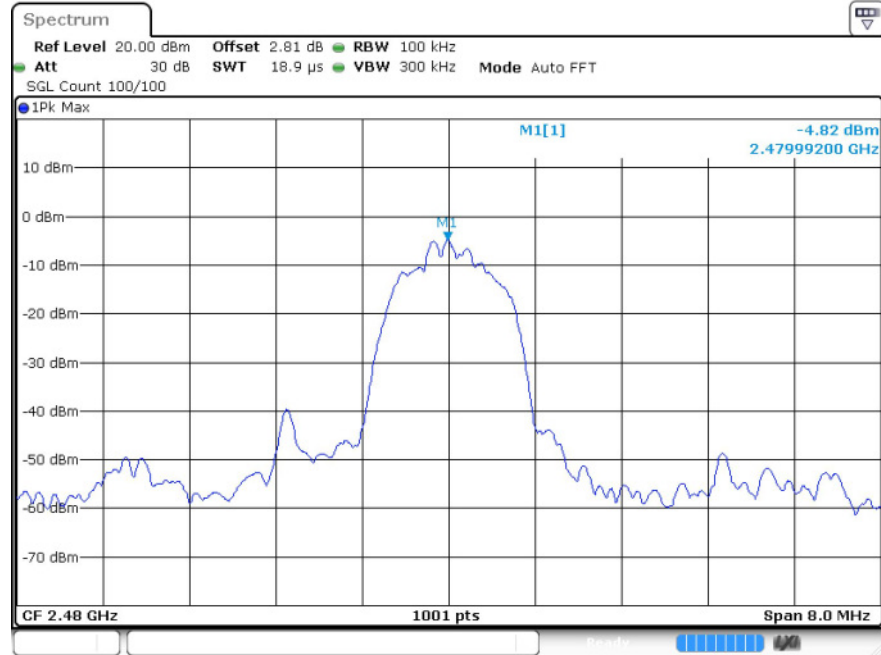
Ref



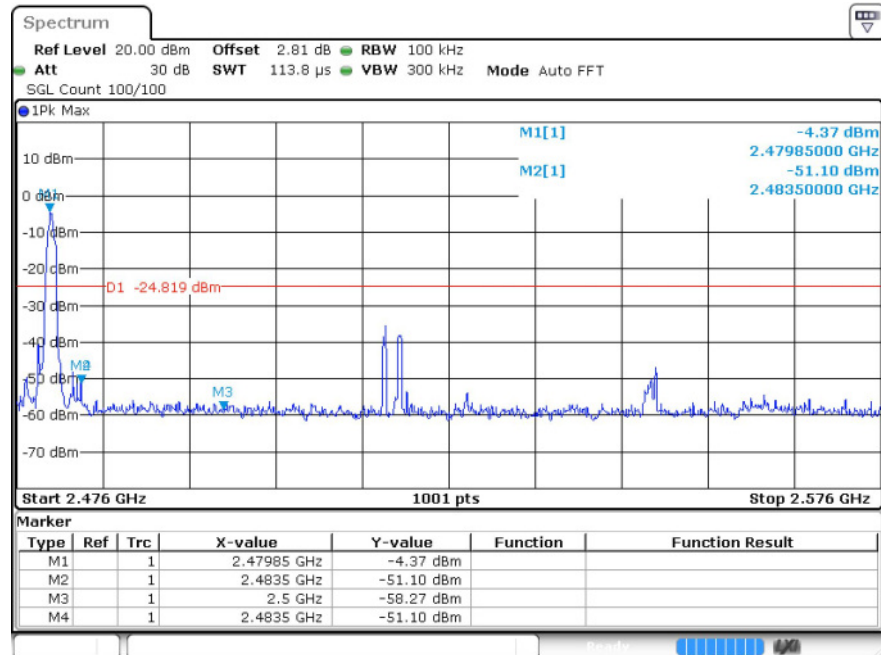
8DPSK/LCH/Hop



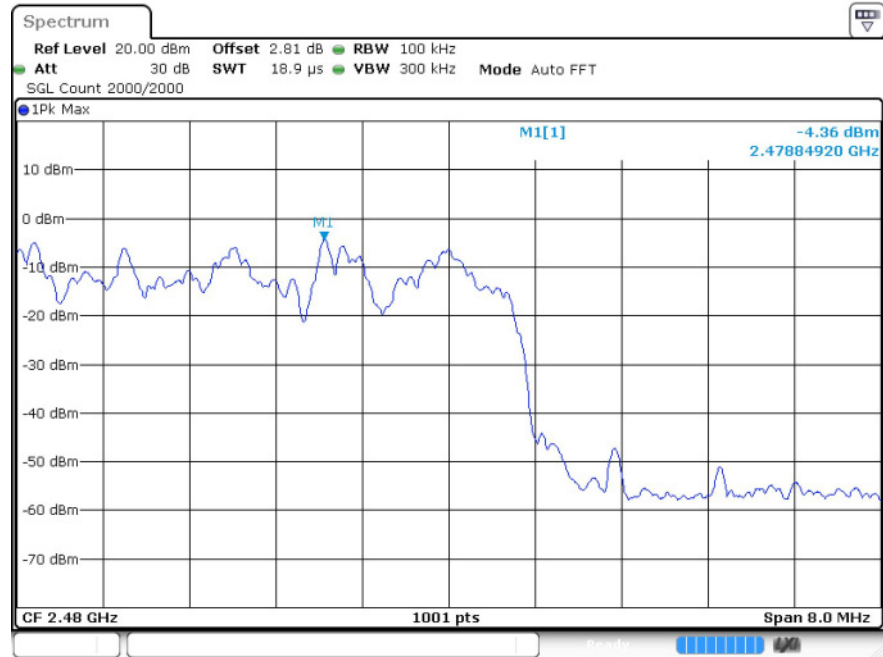
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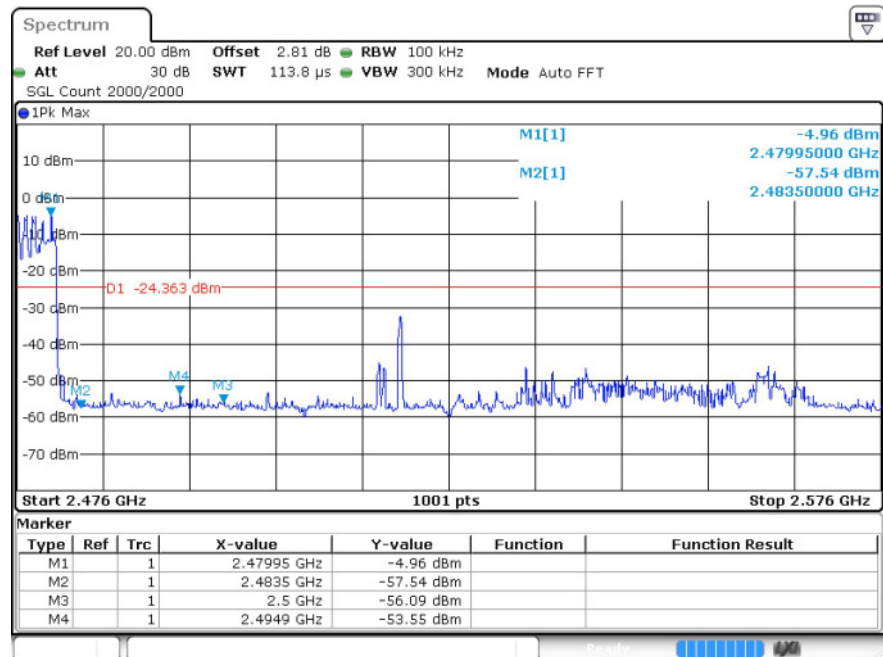
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

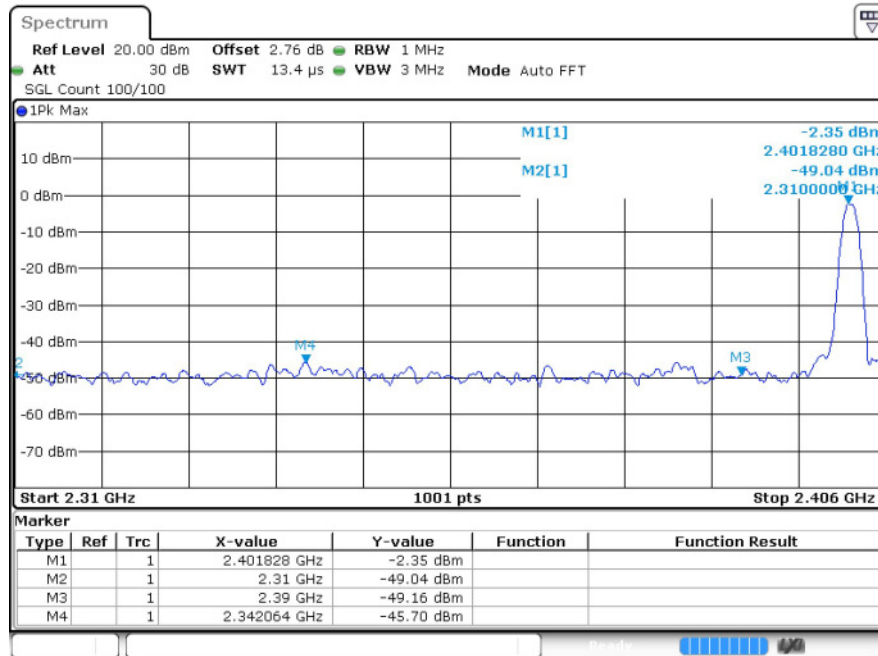
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-49.04	2	-	48.22	PEAK	74	Pass
	Off	2310.0	-57.09	2	5.06	45.23	AV	54	Pass
	Off	2342.064	-45.69	2	-	51.57	PEAK	74	Pass
	Off	2337.936	-54.44	2	5.06	47.88	AV	54	Pass
	Off	2390.0	-49.16	2	-	48.1	PEAK	74	Pass
	Off	2390.0	-56.68	2	5.06	45.64	AV	54	Pass
	Off	2483.5	-45.95	2	-	51.31	PEAK	74	Pass
	Off	2483.5	-54.63	2	5.17	47.8	AV	54	Pass
	Off	2483.512	-46.01	2	-	51.25	PEAK	74	Pass
	Off	2483.512	-54.67	2	5.17	47.76	AV	54	Pass
	Off	2500.0	-48.81	2	-	48.45	PEAK	74	Pass
	Off	2500.0	-55.7	2	5.17	46.73	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-49.51	2	-	47.75	PEAK	74	Pass
	Off	2310.0	-56.98	2	4.95	45.23	AV	54	Pass
	Off	2339.76	-45.52	2	-	51.74	PEAK	74	Pass
	Off	2338.8	-54.29	2	4.95	47.92	AV	54	Pass
	Off	2390.0	-47.46	2	-	49.8	PEAK	74	Pass
	Off	2390.0	-56.94	2	4.95	45.27	AV	54	Pass
	Off	2483.5	-47.13	2	-	50.13	PEAK	74	Pass
	Off	2483.5	-54.68	2	4.95	47.53	AV	54	Pass
	Off	2483.512	-47.16	2	-	50.1	PEAK	74	Pass
	Off	2483.512	-54.72	2	4.95	47.49	AV	54	Pass
	Off	2500.0	-47.55	2	-	49.71	PEAK	74	Pass
	Off	2500.0	-56.95	2	4.95	45.26	AV	54	Pass
8DPSK	Off	2310.0	-50.03	2	-	47.23	PEAK	74	Pass
	Off	2310.0	-56.81	2	4.95	45.4	AV	54	Pass
	Off	2346.96	-46.03	2	-	51.23	PEAK	74	Pass
	Off	2338.032	-54.45	2	4.95	47.76	AV	54	Pass



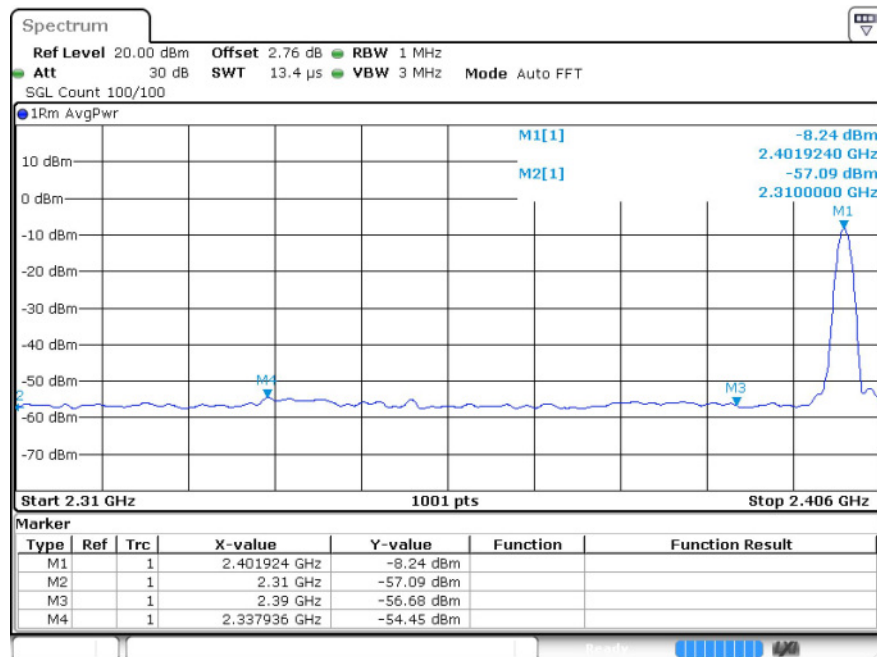
Off	2390.0	-49.75	2	-	47.51	PEAK	74	Pass
Off	2390.0	-55.45	2	4.95	46.76	AV	54	Pass
Off	2483.5	-45.44	2	-	51.82	PEAK	74	Pass
Off	2483.5	-53.59	2	5.06	48.73	AV	54	Pass
Off	2483.512	-45.53	2	-	51.73	PEAK	74	Pass
Off	2483.512	-53.58	2	5.06	48.74	AV	54	Pass
Off	2500.0	-47.44	2	-	49.82	PEAK	74	Pass
Off	2500.0	-56.23	2	5.06	46.09	AV	54	Pass

9.2 Test Graphs

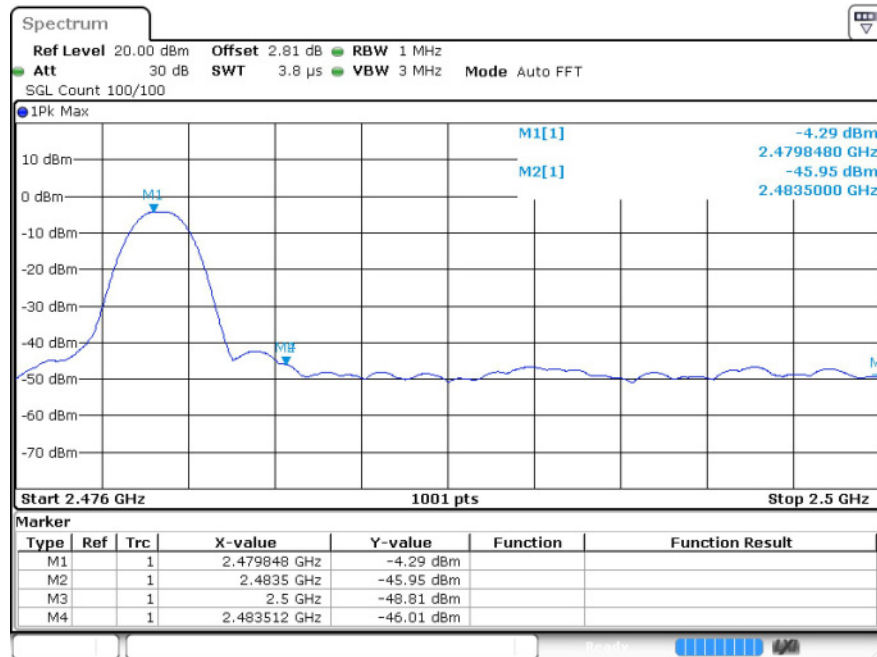
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



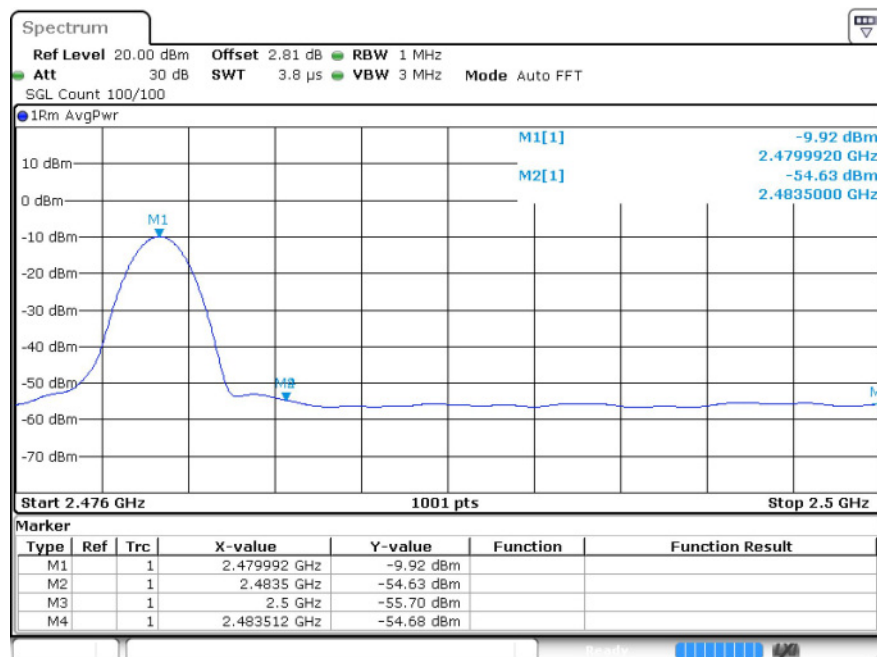
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



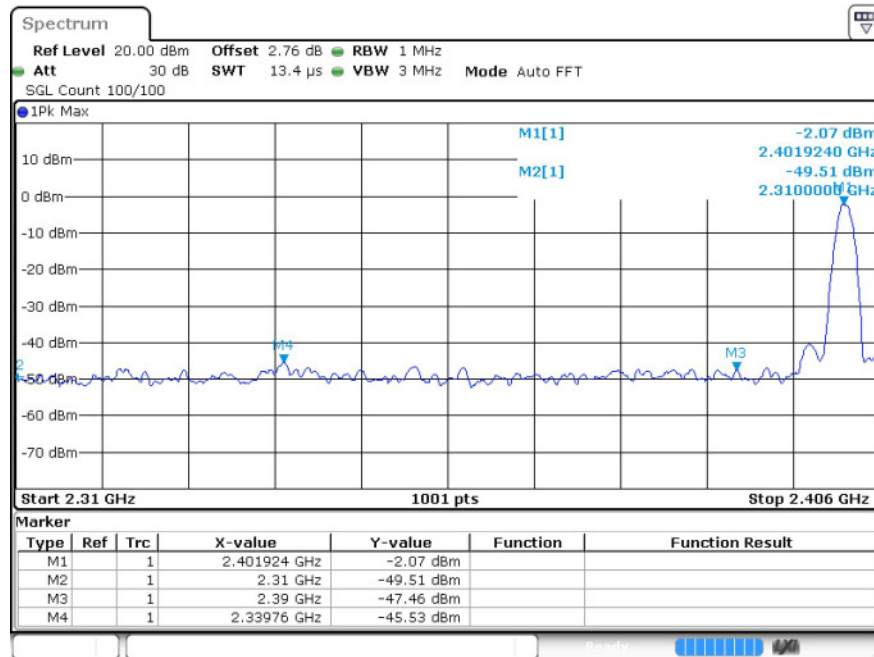
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



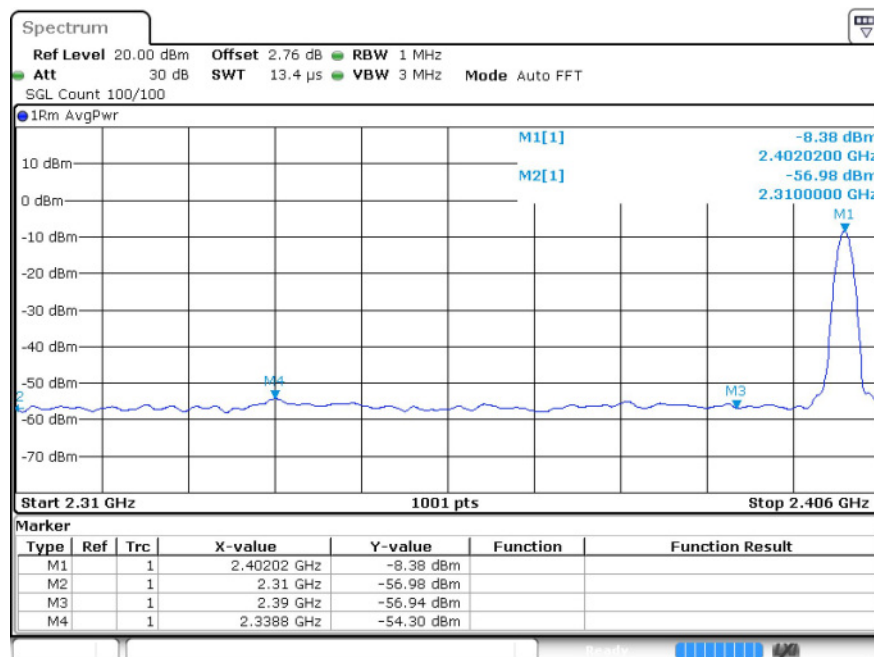
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



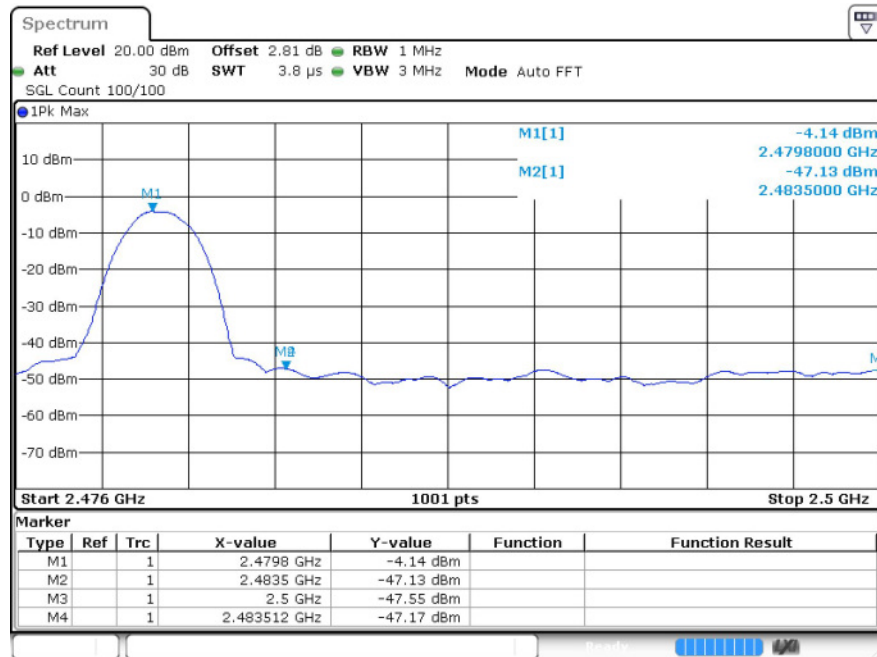
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



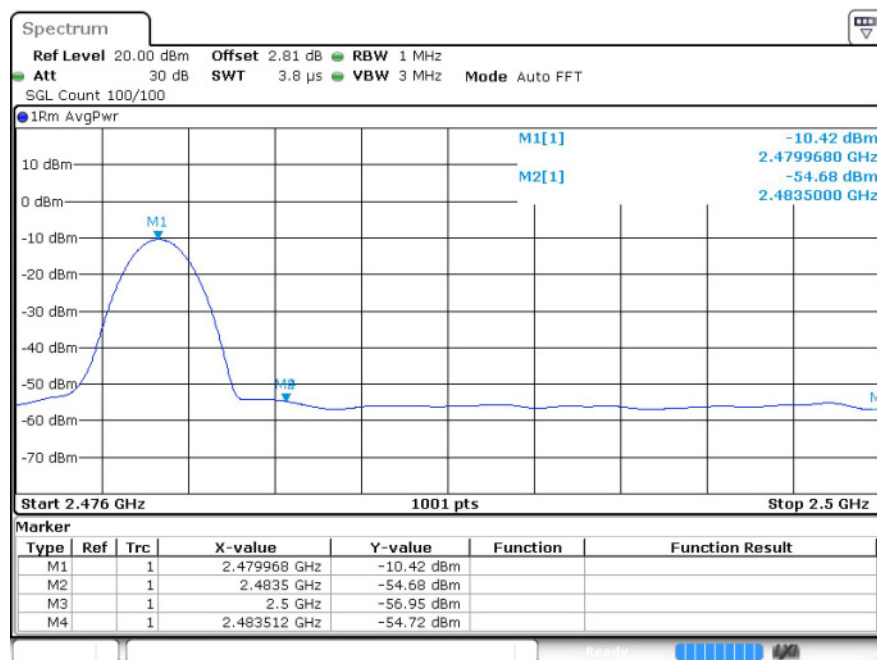
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



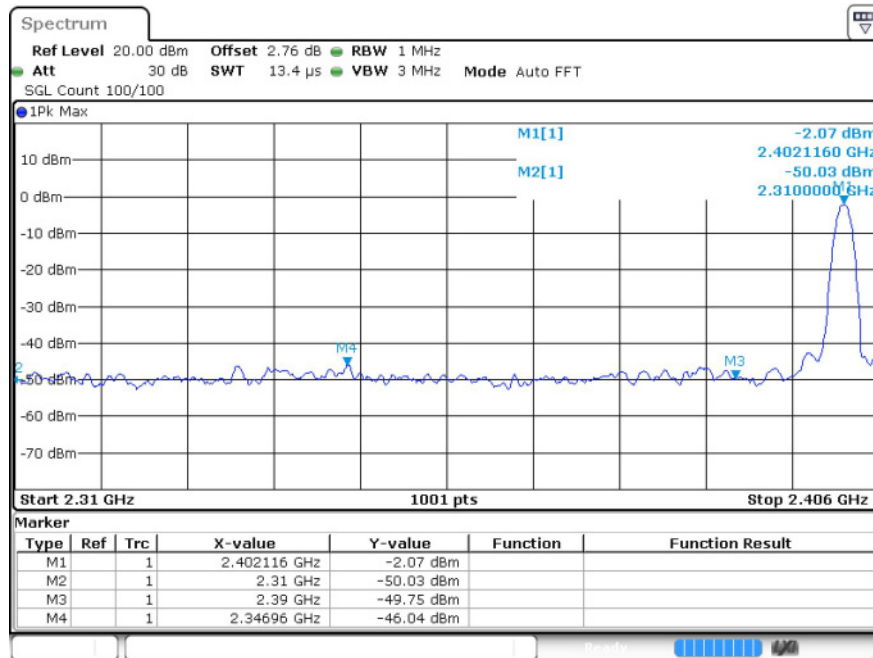
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



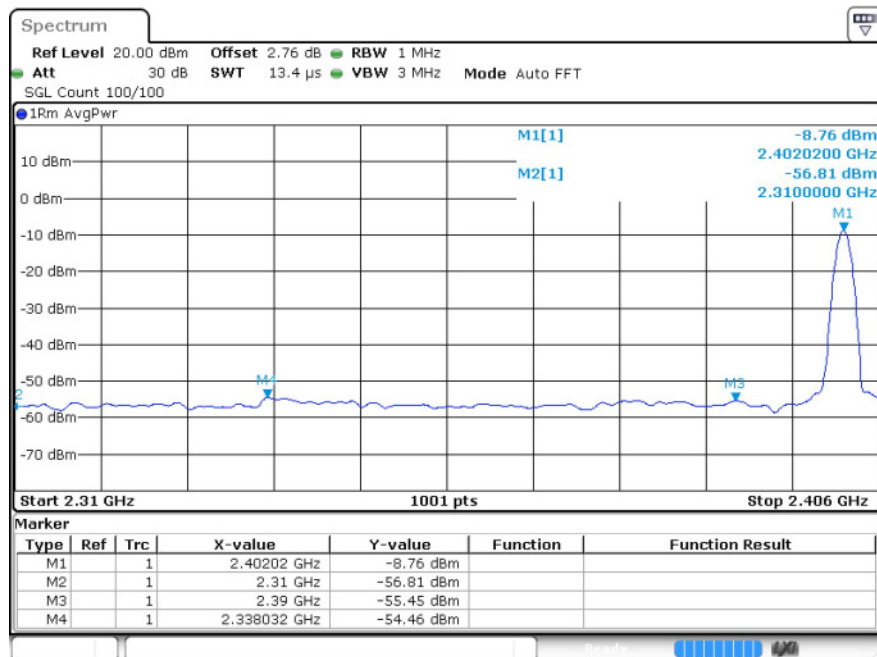
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



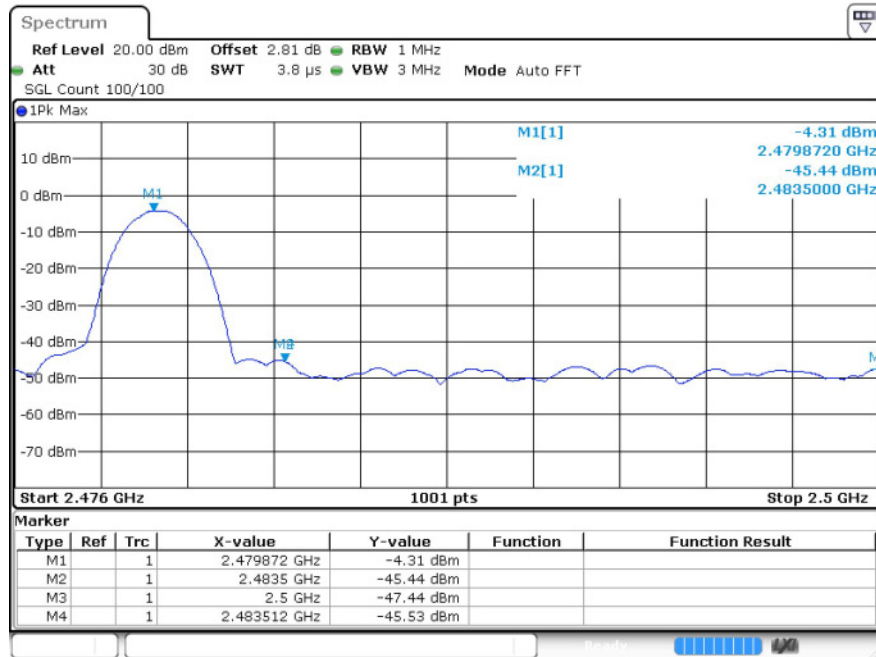
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



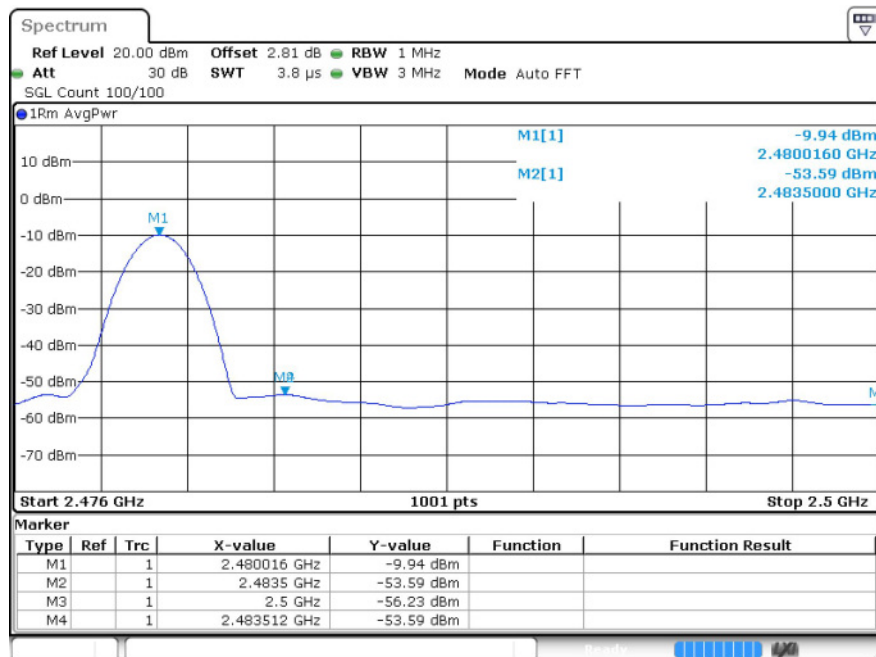
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---