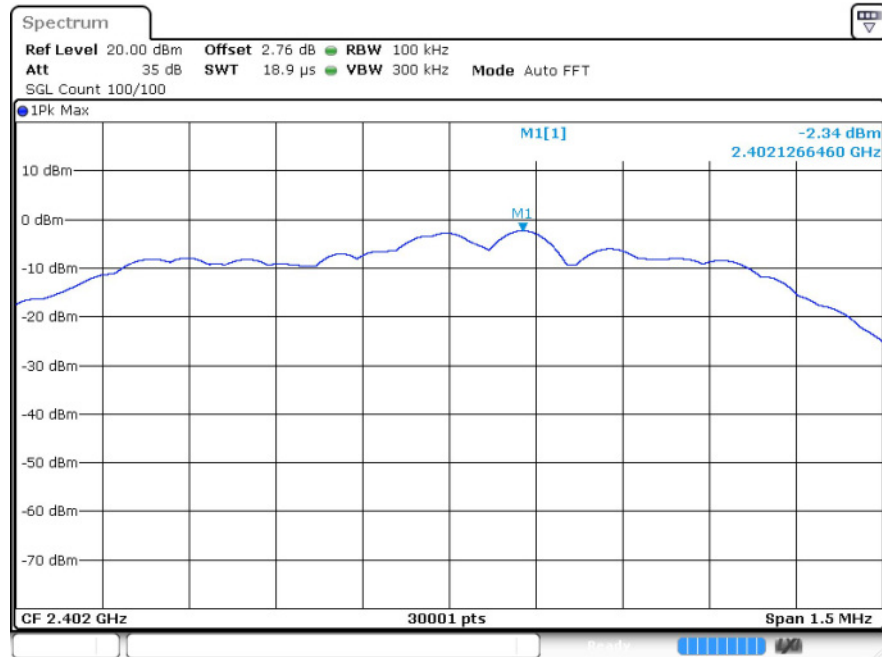
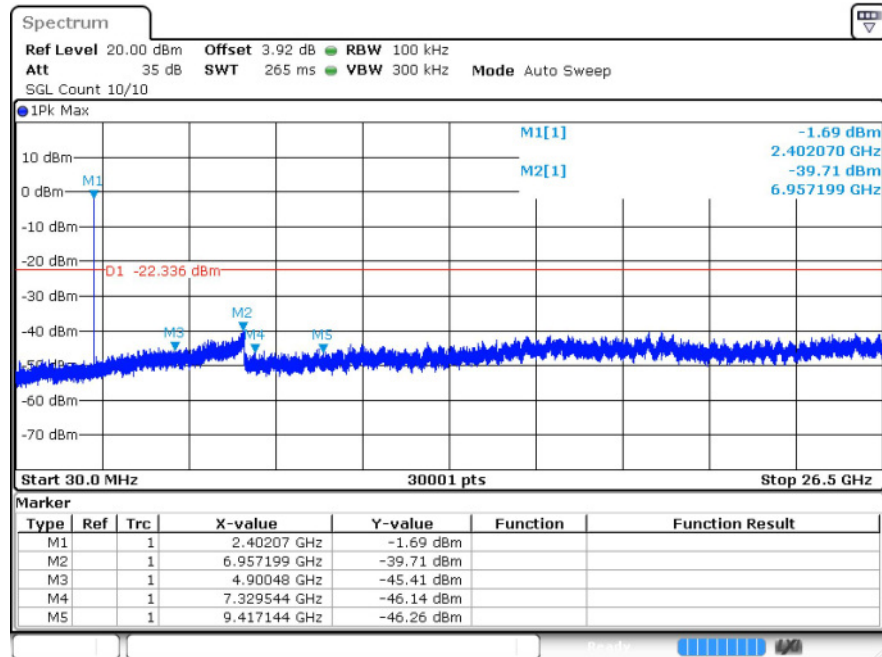


8DPSK_LCH_Graphs

Pref

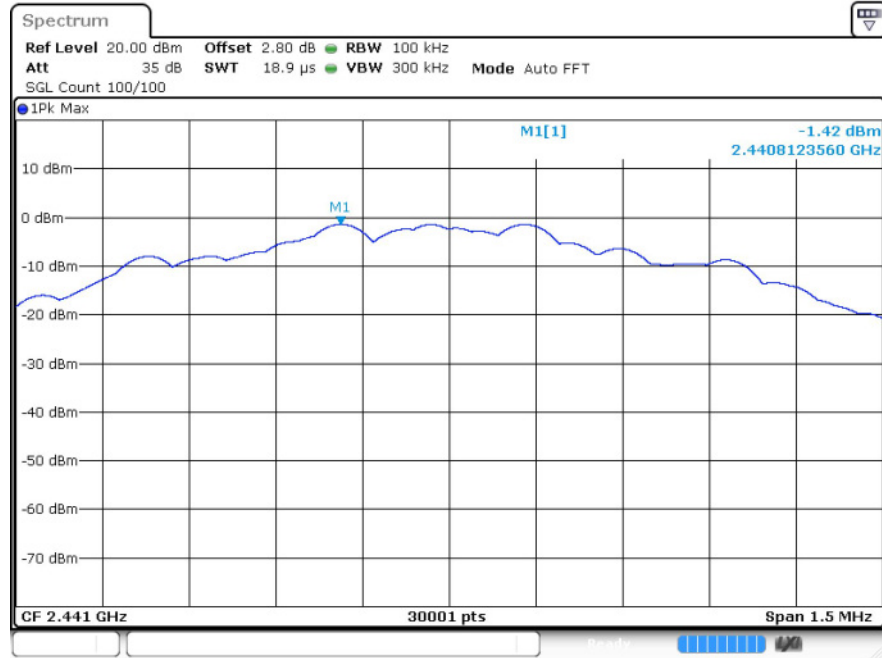


Puw

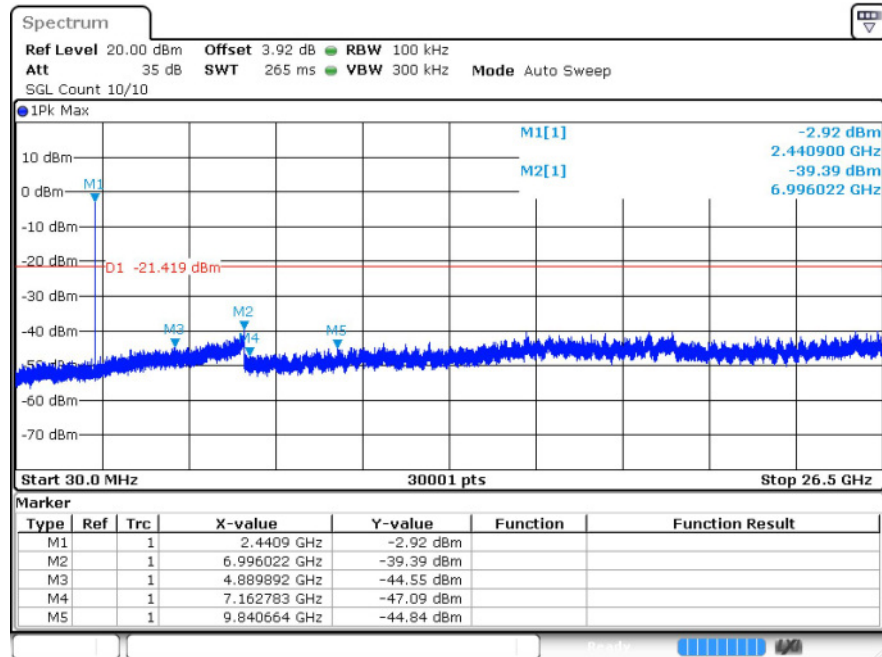


8DPSK_MCH_Graphs

Pref

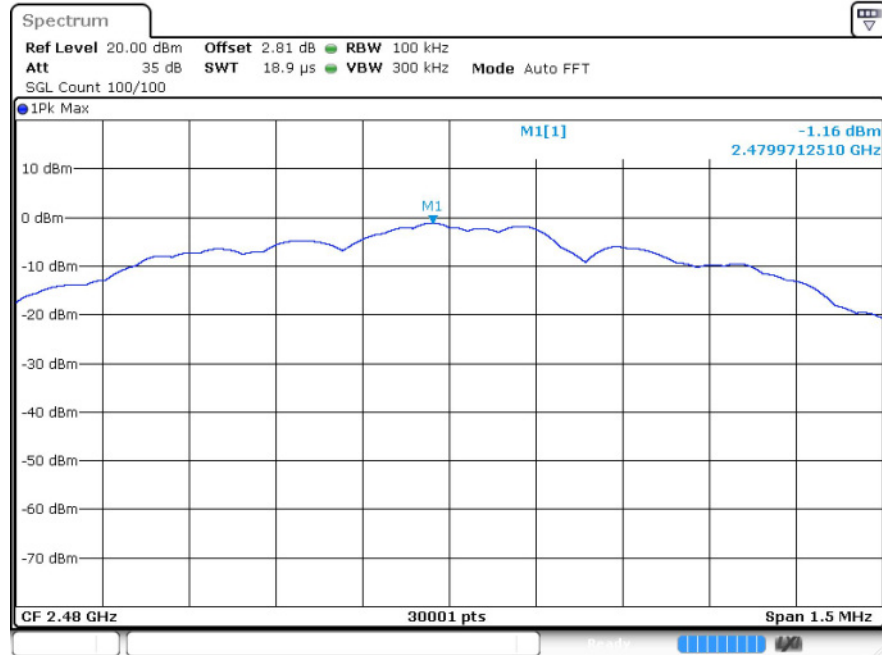


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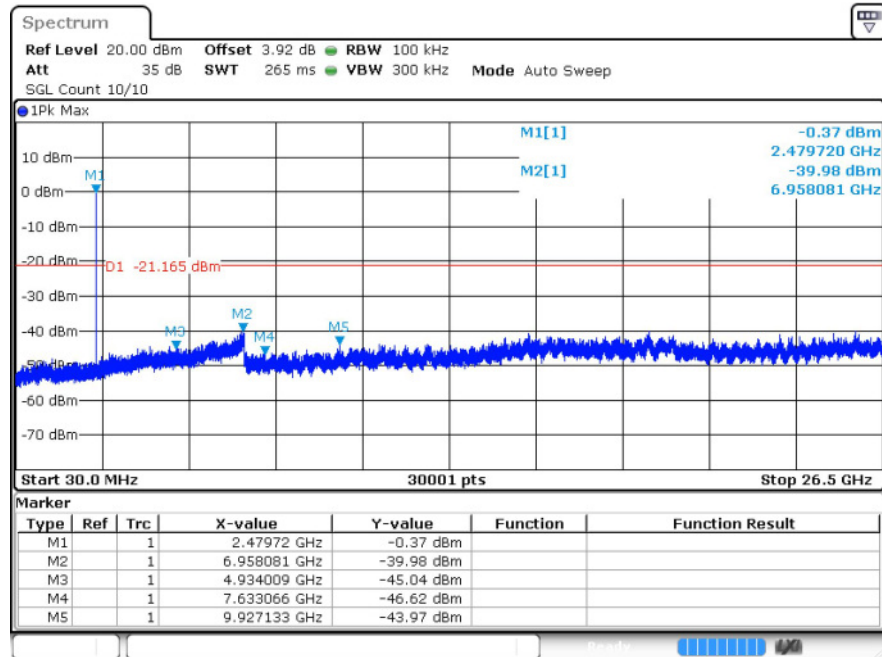


8DPSK_HCH_Graphs

Pref



Puw

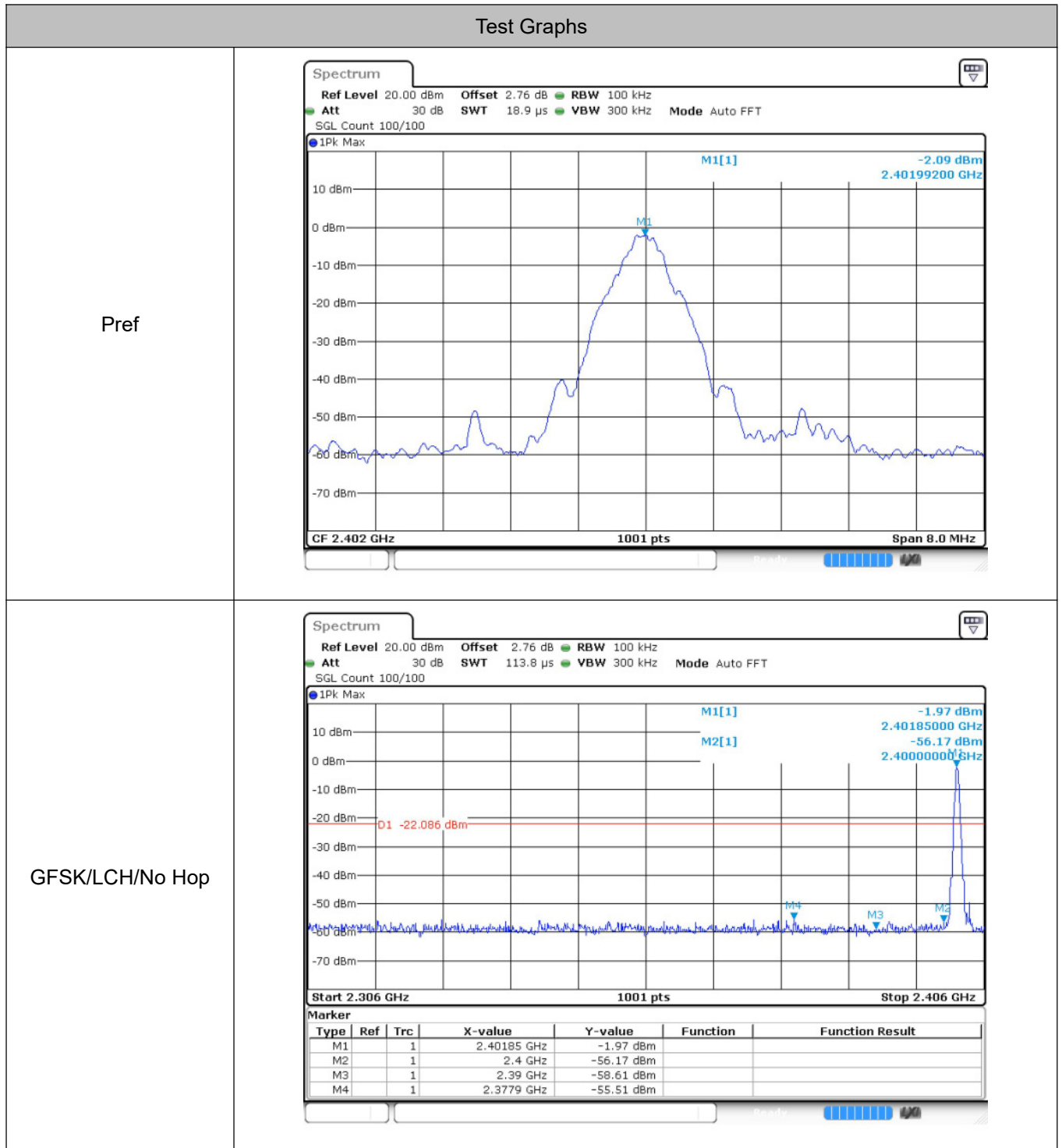


8 Band-edge for RF Conducted Emissions

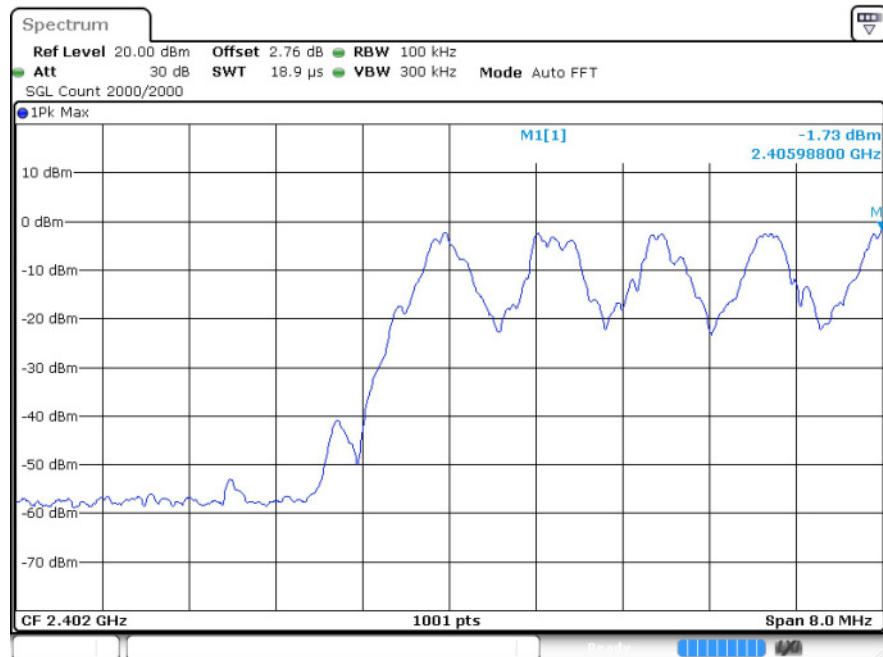
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-53.41	-20	Pass
			On	-52.65	-20	Pass
	HCH	2480	Off	-54.5	-20	Pass
			On	-47.71	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-53.11	-20	Pass
			On	-51.58	-20	Pass
	HCH	2480	Off	-44.07	-20	Pass
			On	-47.51	-20	Pass
8DPSK	LCH	2402	Off	-52.88	-20	Pass
			On	-51.87	-20	Pass
	HCH	2480	Off	-53.94	-20	Pass
			On	-55.08	-20	Pass

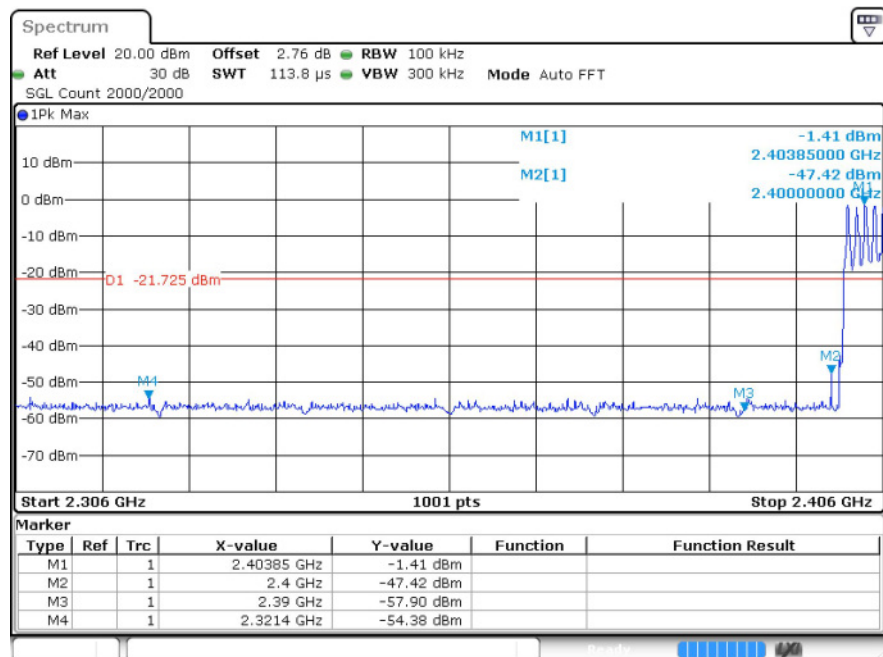
8.2 Test Graphs

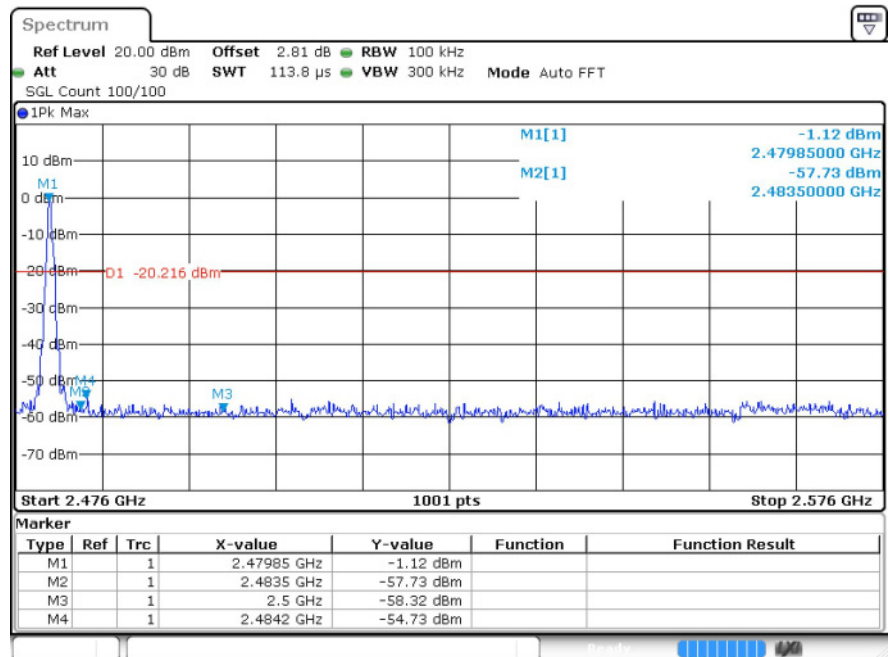
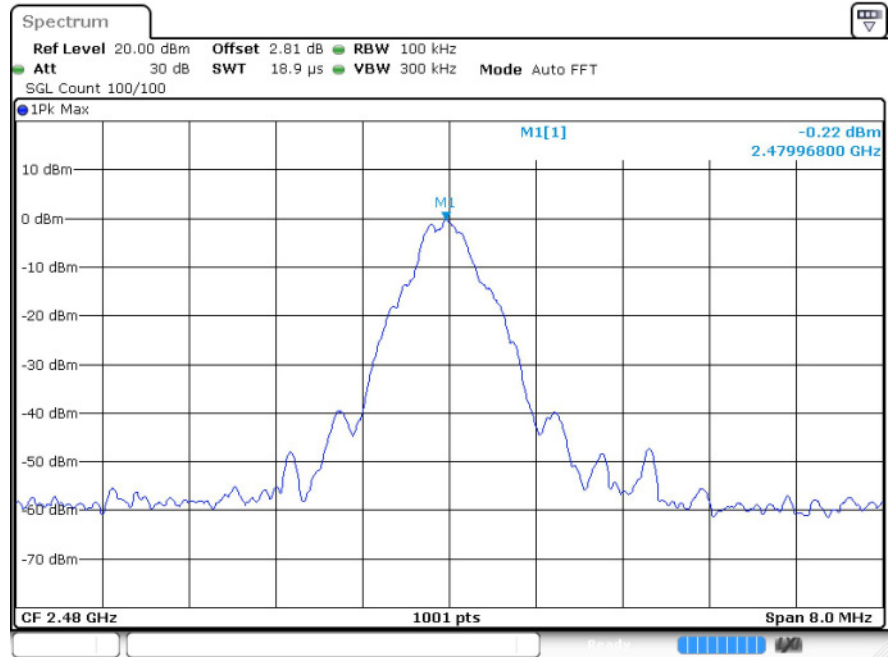


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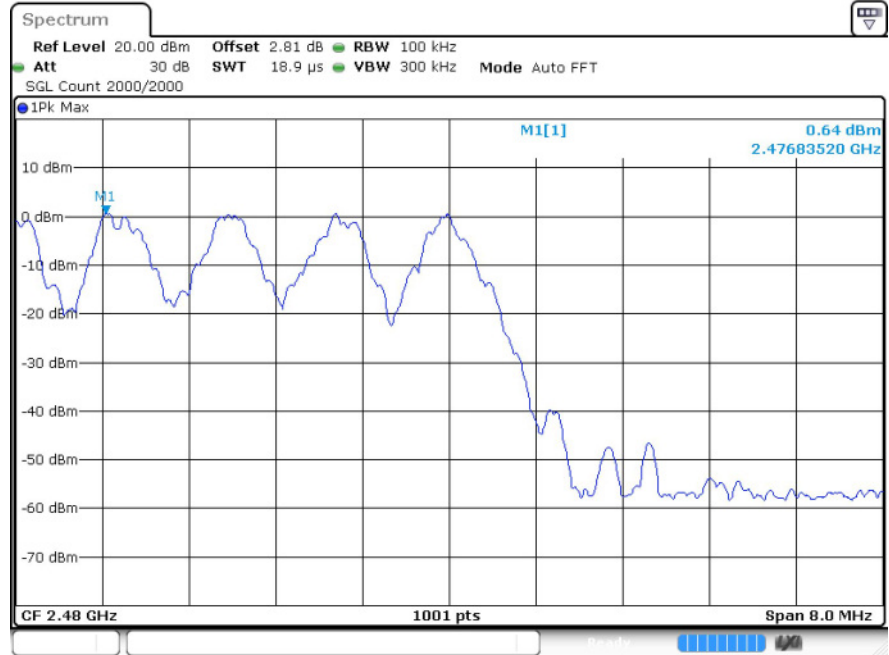


GFSK/LCH/Hop

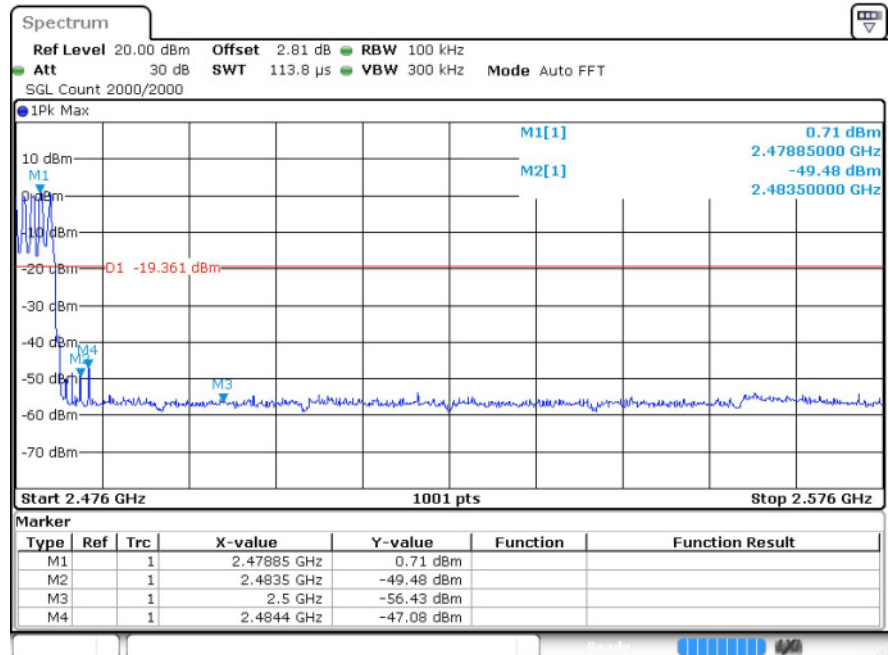




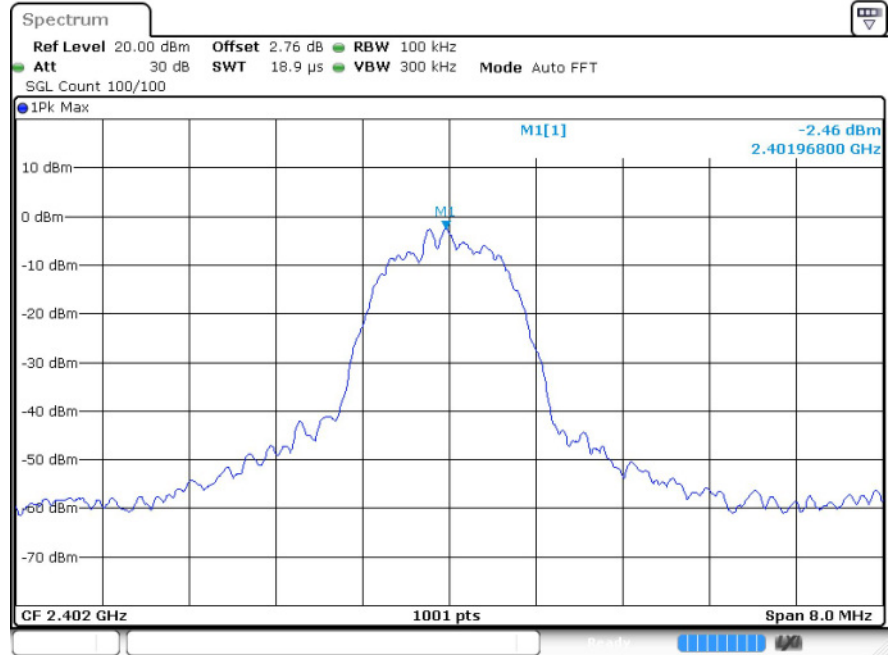
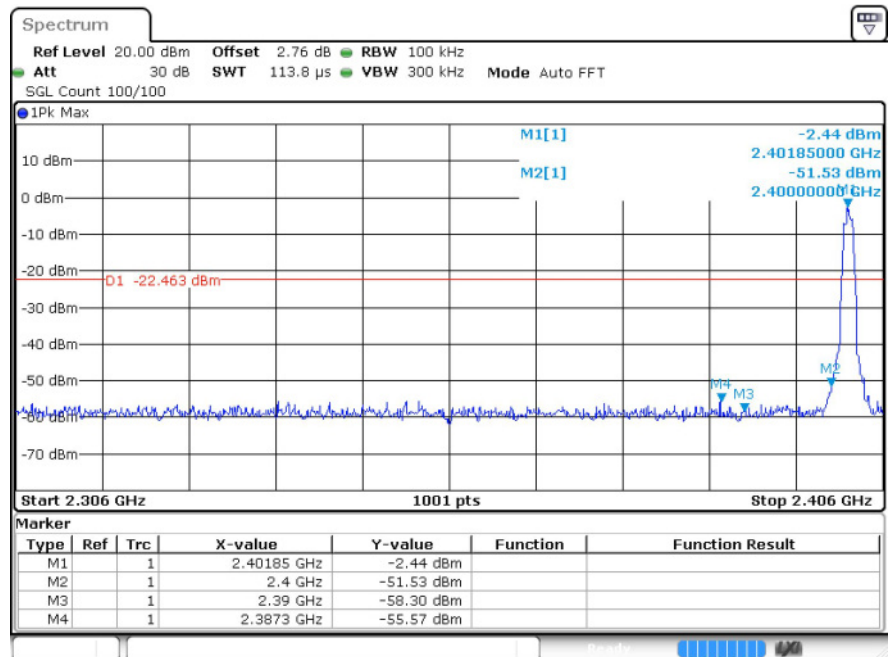
Ref.



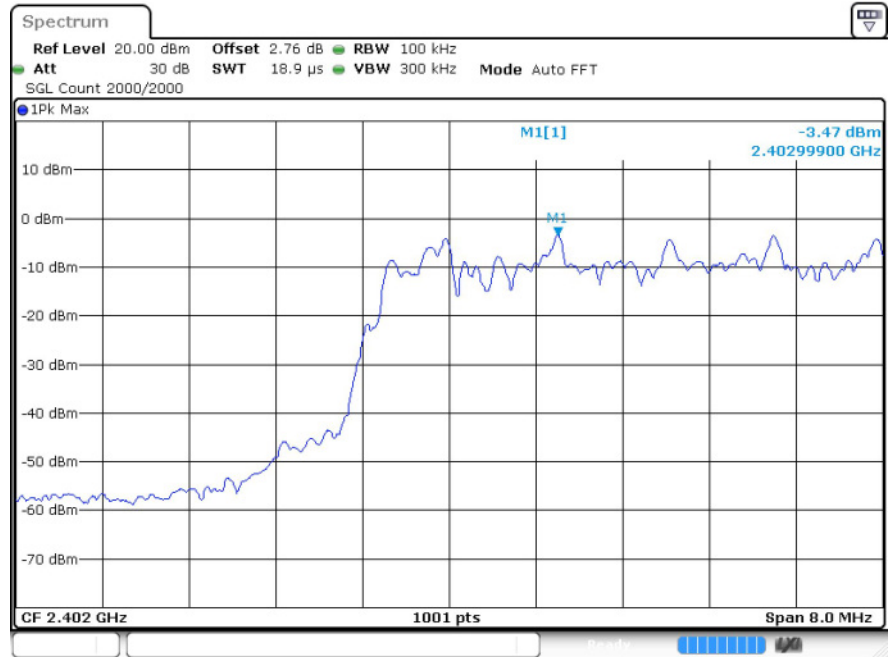
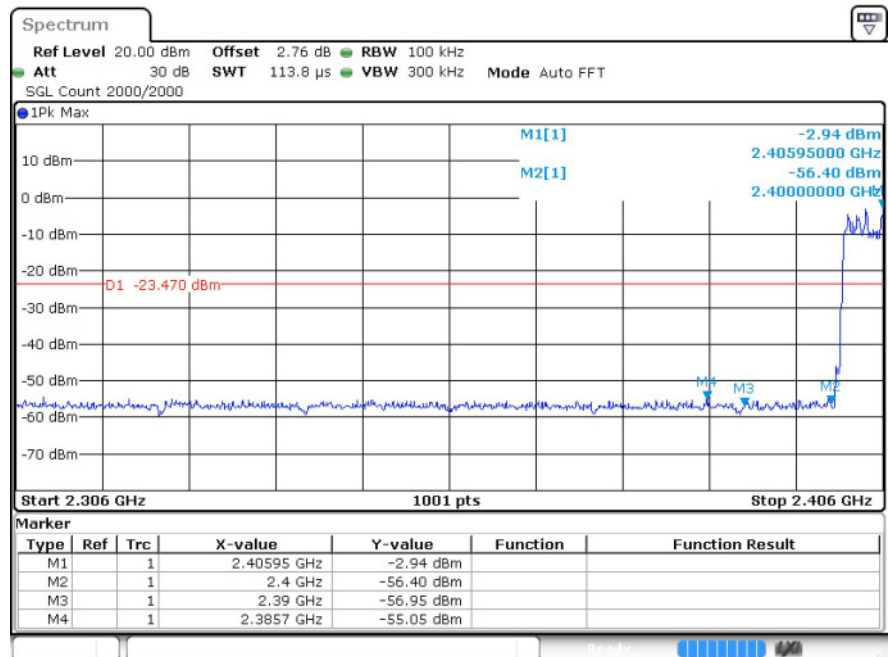
GFSK/HCH/Hop



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 18.9 μ s VBW 300 kHz Mode Auto FFT
 SGL Count 100/100

1Pk Max

M1[1] -1.32 dBm
 2.47996800 GHz

CF 2.48 GHz 1001 pts Span 8.0 MHz

Spectrum

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

● IPk Max

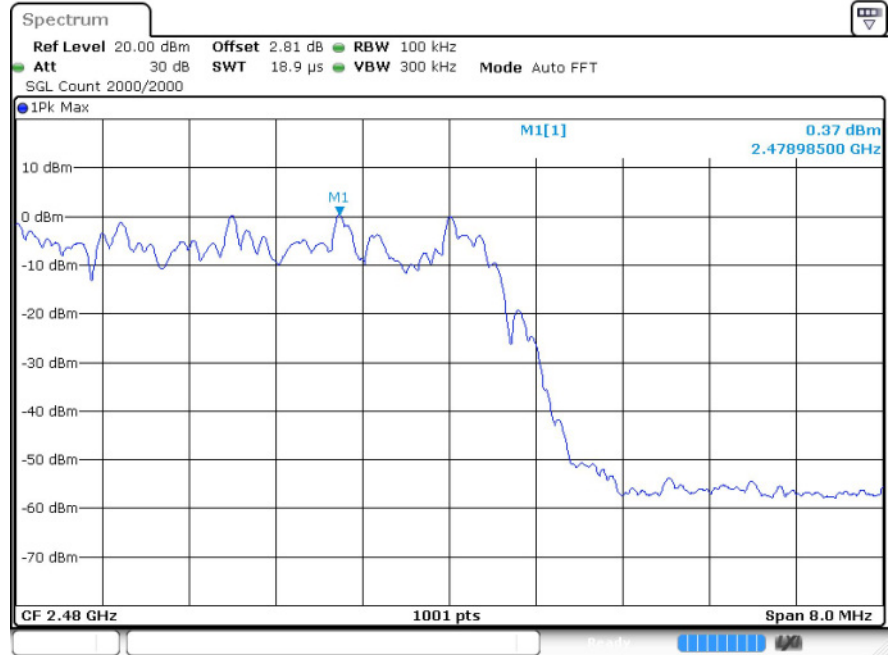
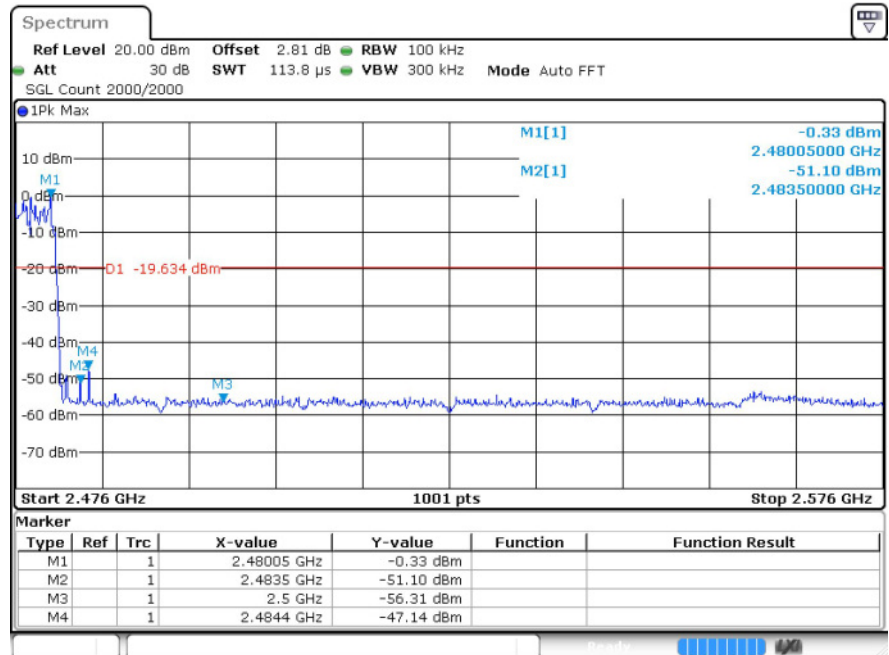
M1[1] -1.33 dBm
 2.4795000 GHz
 M2[1] -58.05 dBm
 2.4835000 GHz

D1 -21.321 dBm

Start 2.476 GHz 1001 pts Stop 2.576 GHz

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47995 GHz	-1.33 dBm		
M2		1	2.4835 GHz	-58.05 dBm		
M3		1	2.5 GHz	-56.83 dBm		
M4		1	2.4874 GHz	-45.39 dBm		

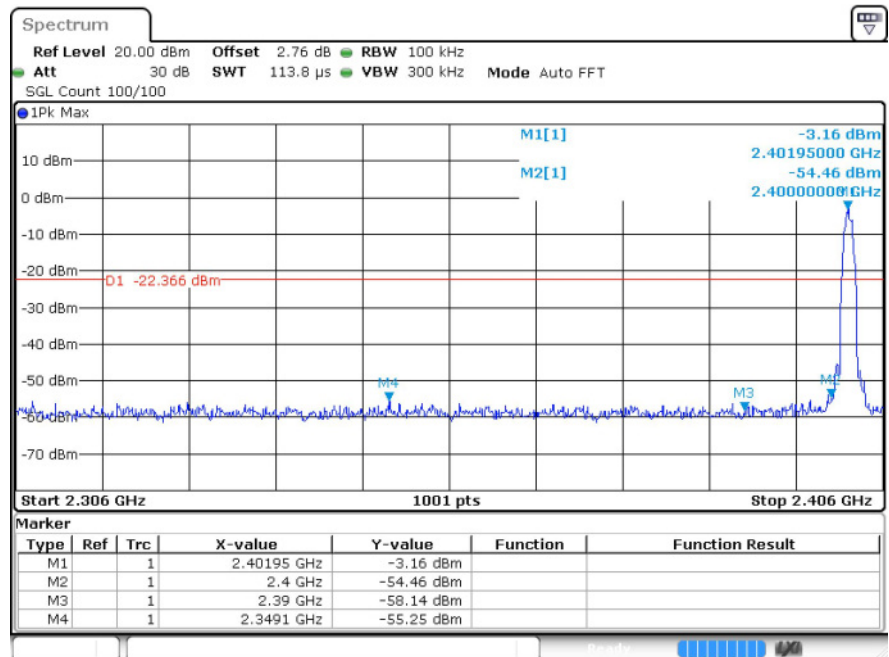
Ref


 $\pi/4$ DQPSK/HCH/Hop


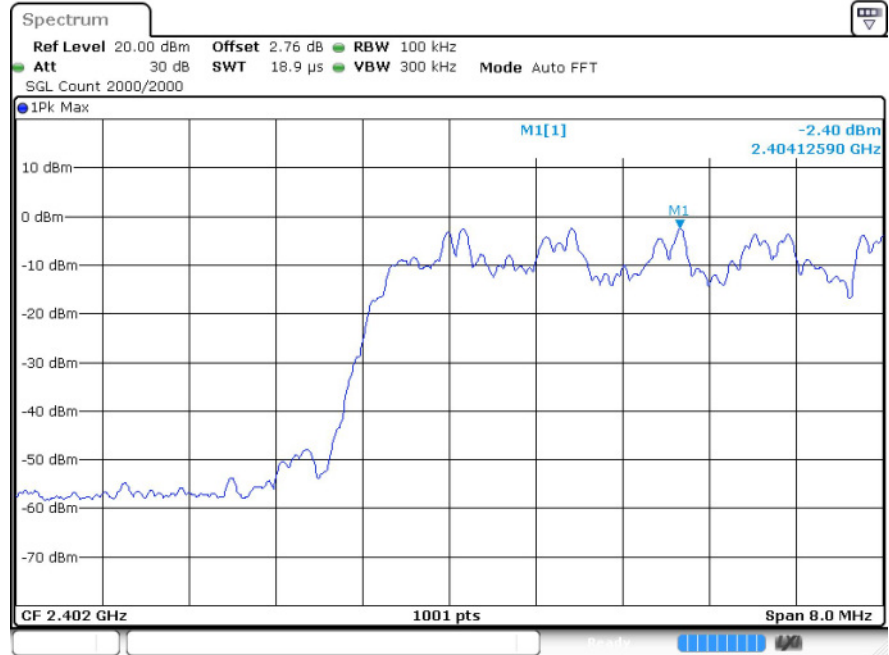
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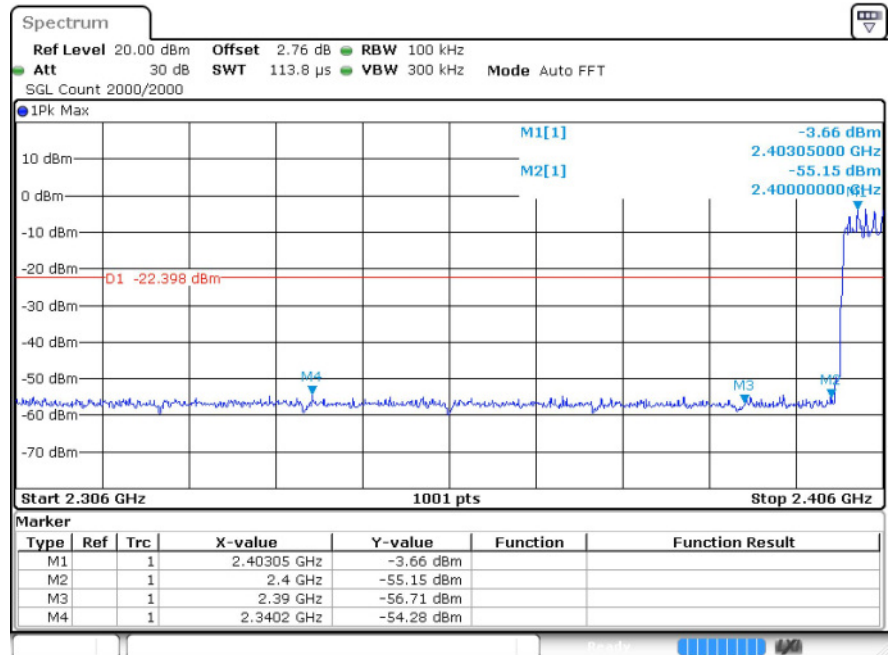
8DPSK/LCH/No Hop



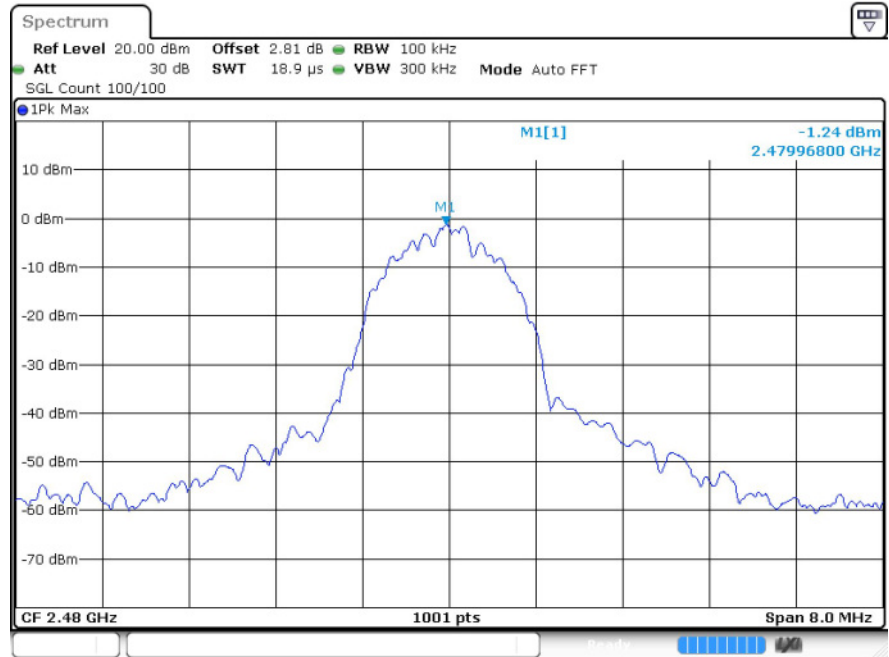
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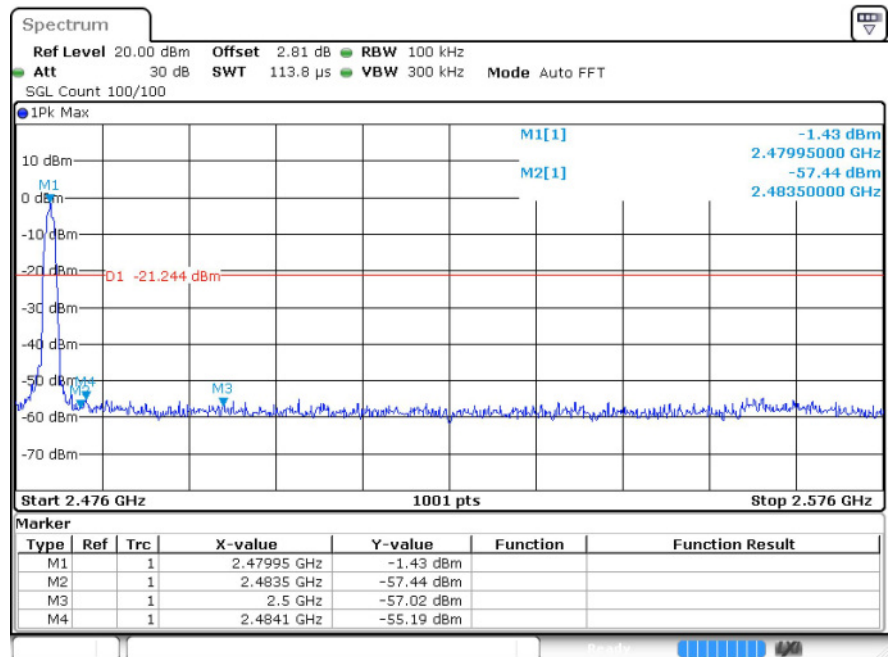
8DPSK/LCH/Hop



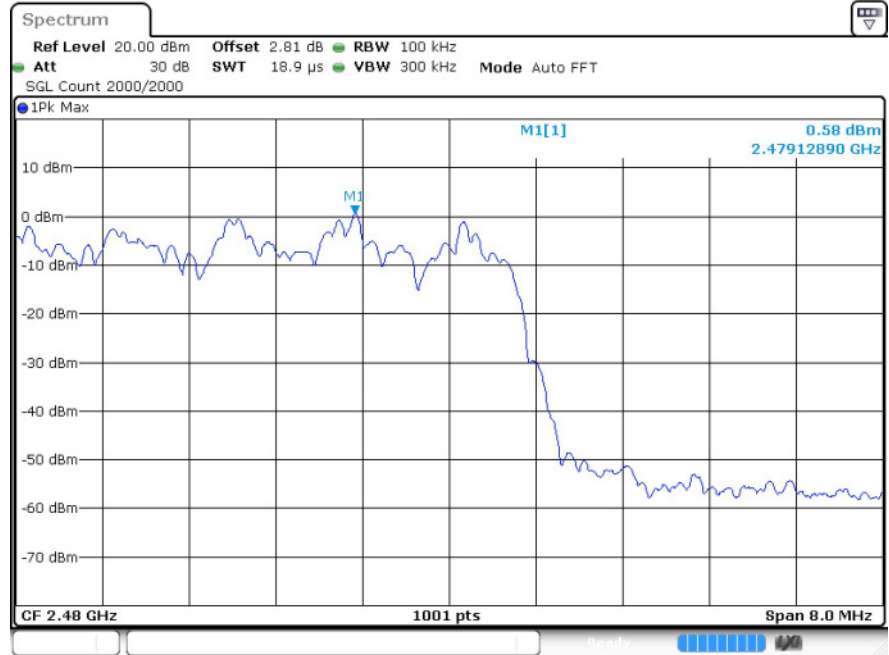
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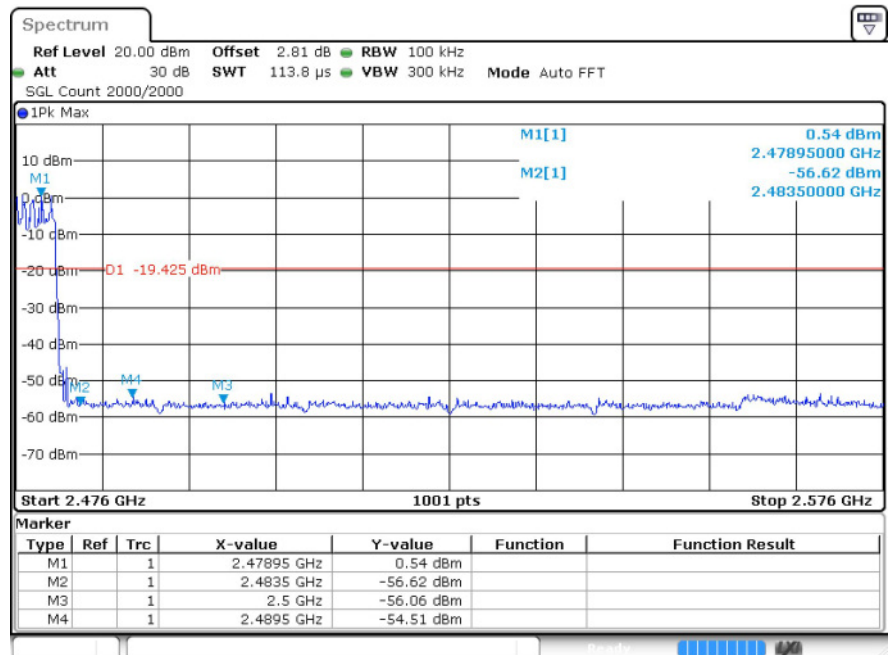
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

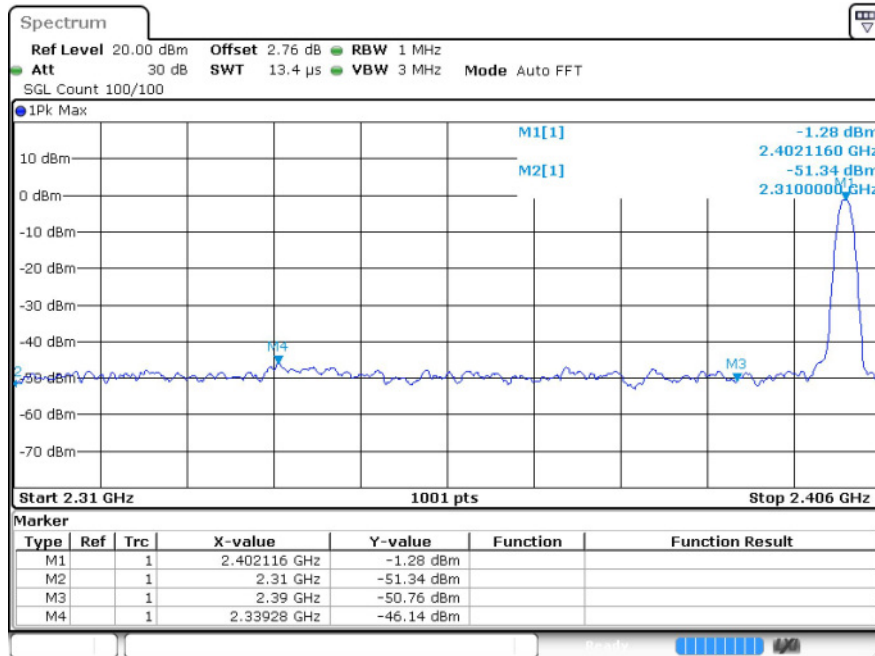
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-51.34	2.27	-	46.16	PEAK	74	Pass
	Off	2310.0	-55.9	2.27	5.29	46.89	AV	54	Pass
	Off	2339.28	-46.13	2.27	-	51.37	PEAK	74	Pass
	Off	2340.528	-53.82	2.27	5.29	48.97	AV	54	Pass
	Off	2390.0	-50.76	2.27	-	46.74	PEAK	74	Pass
	Off	2390.0	-56.57	2.27	5.29	46.22	AV	54	Pass
	Off	2483.5	-48.63	2.27	-	48.87	PEAK	74	Pass
	Off	2483.5	-55.76	2.27	5.4	47.14	AV	54	Pass
	Off	2487.424	-44.07	2.27	-	53.43	PEAK	74	Pass
	Off	2487.304	-55.21	2.27	5.4	47.69	AV	54	Pass
	Off	2500.0	-49.77	2.27	-	47.73	PEAK	74	Pass
	Off	2500.0	-56.71	2.27	5.4	46.19	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-48.68	2.27	-	48.82	PEAK	74	Pass
	Off	2310.0	-56.36	2.27	4.95	46.09	AV	54	Pass
	Off	2338.128	-45.18	2.27	-	52.32	PEAK	74	Pass
	Off	2339.856	-53.52	2.27	4.95	48.93	AV	54	Pass
	Off	2390.0	-49.7	2.27	-	47.8	PEAK	74	Pass
	Off	2390.0	-56.19	2.27	4.95	46.26	AV	54	Pass
	Off	2483.5	-48.08	2.27	-	49.42	PEAK	74	Pass
	Off	2483.5	-56.21	2.27	4.95	46.24	AV	54	Pass
	Off	2487.4	-45.1	2.27	-	52.4	PEAK	74	Pass
	Off	2498.584	-54.98	2.27	4.95	47.47	AV	54	Pass
	Off	2500.0	-49.54	2.27	-	47.96	PEAK	74	Pass
	Off	2500.0	-56.31	2.27	4.95	46.14	AV	54	Pass
8DPSK	Off	2310.0	-48.96	2.27	-	48.54	PEAK	74	Pass
	Off	2310.0	-55.91	2.27	4.93	46.52	AV	54	Pass
	Off	2341.872	-44.84	2.27	-	52.66	PEAK	74	Pass
	Off	2338.416	-54	2.27	4.93	48.43	AV	54	Pass



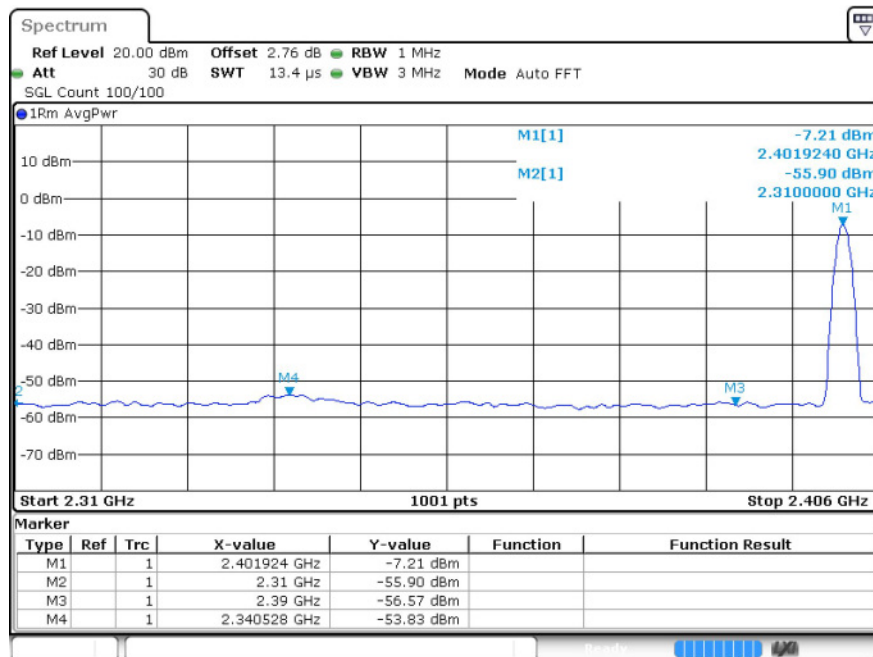
	Off	2390.0	-47.48	2.27	-	50.02	PEAK	74	Pass
	Off	2390.0	-56.14	2.27	4.93	46.29	AV	54	Pass
	Off	2483.5	-48.06	2.27	-	49.44	PEAK	74	Pass
	Off	2483.5	-55.49	2.27	4.95	46.96	AV	54	Pass
	Off	2487.376	-45.44	2.27	-	52.06	PEAK	74	Pass
	Off	2489.104	-55.07	2.27	4.95	47.38	AV	54	Pass
	Off	2500.0	-48.19	2.27	-	49.31	PEAK	74	Pass
	Off	2500.0	-56.99	2.27	4.95	45.46	AV	54	Pass

9.2 Test Graphs

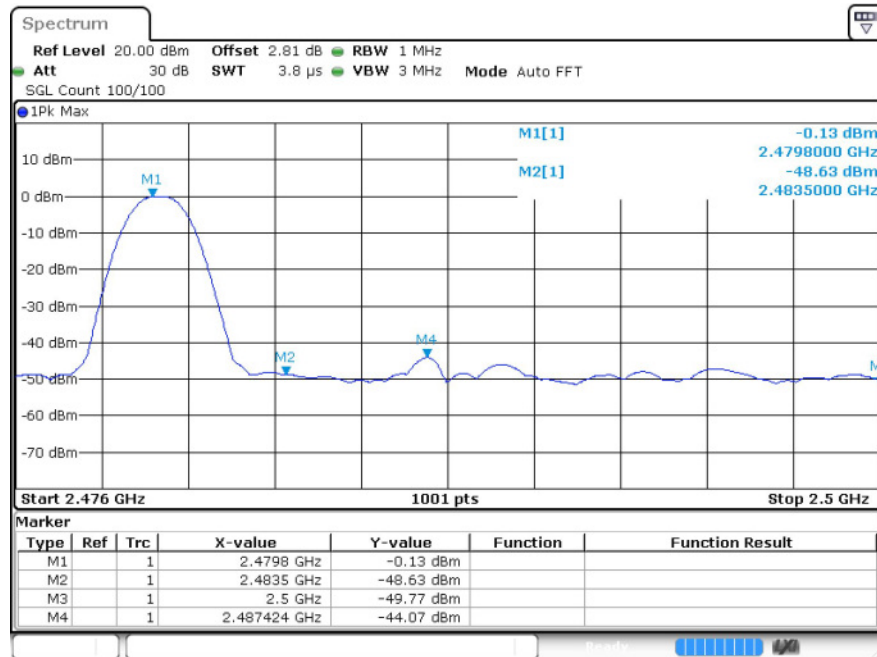
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



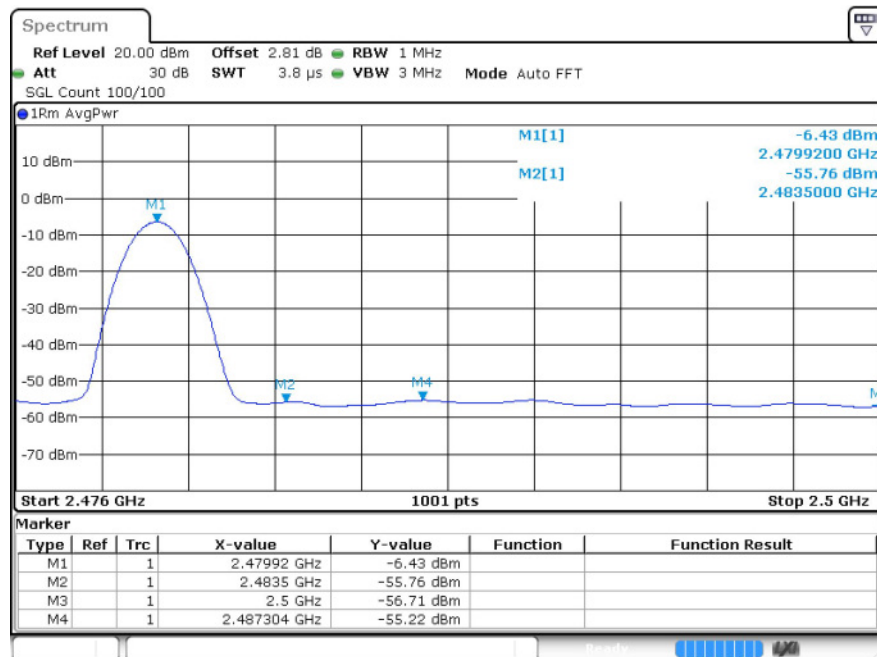
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



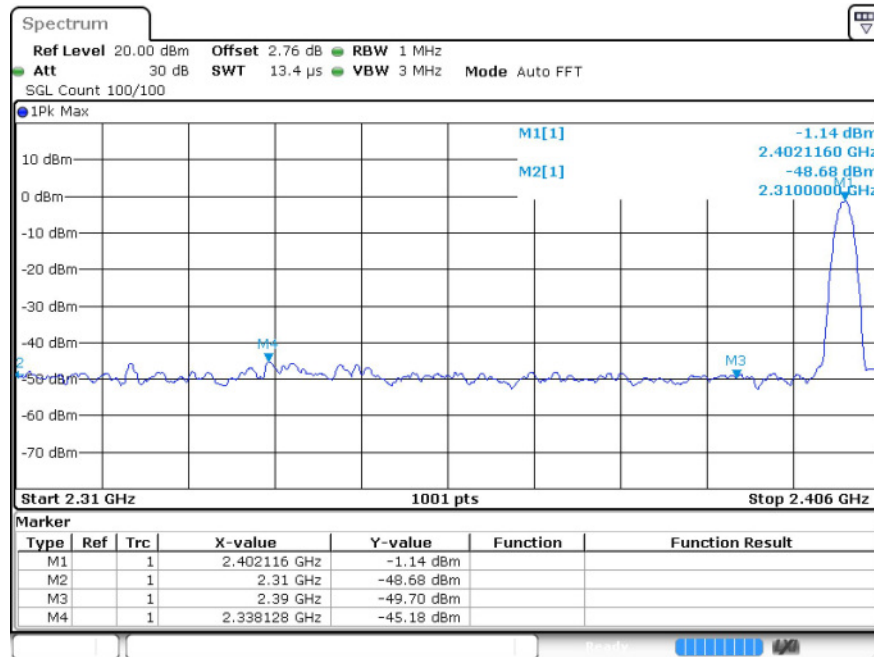
Restrict-band band-edge measurements_Hopping Off_GFSK_PEAK (High Channel)



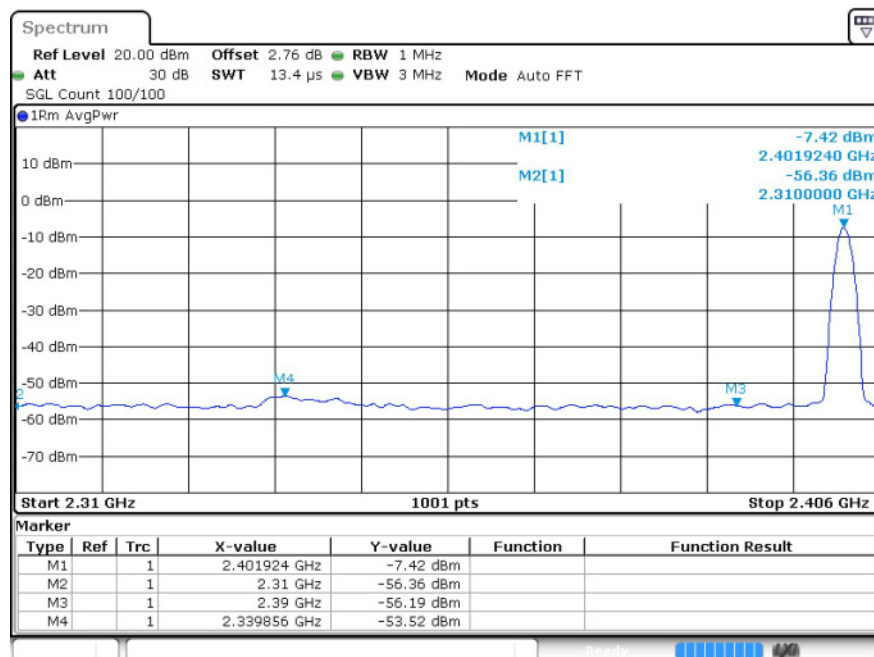
Restrict-band band-edge measurements_Hopping Off_GFSK_Average (High Channel)



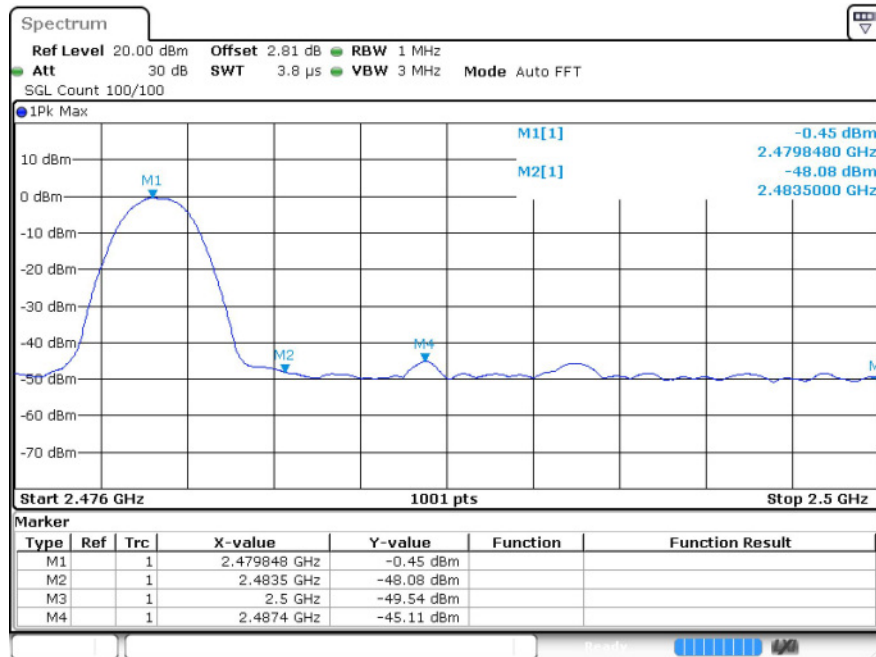
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



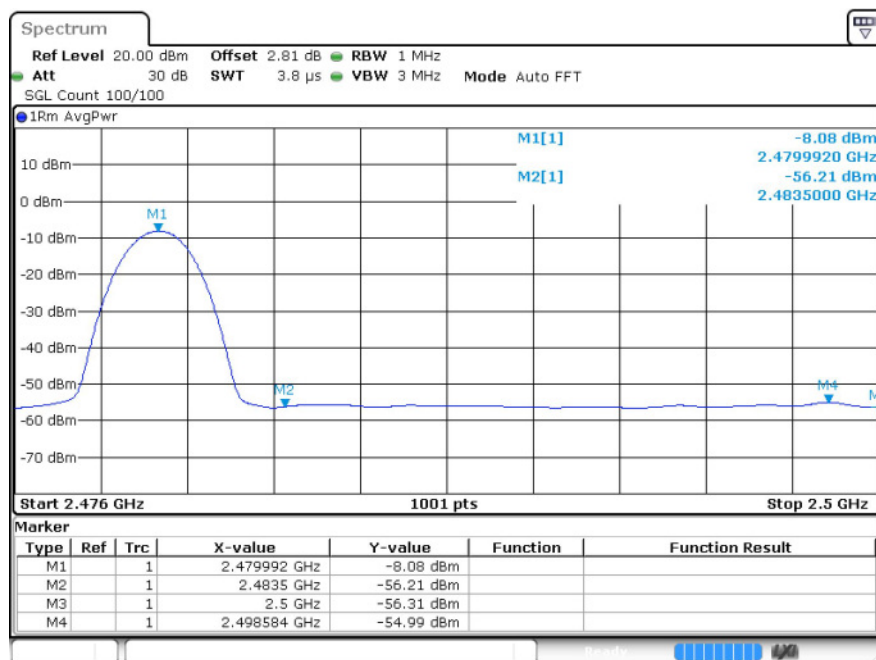
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



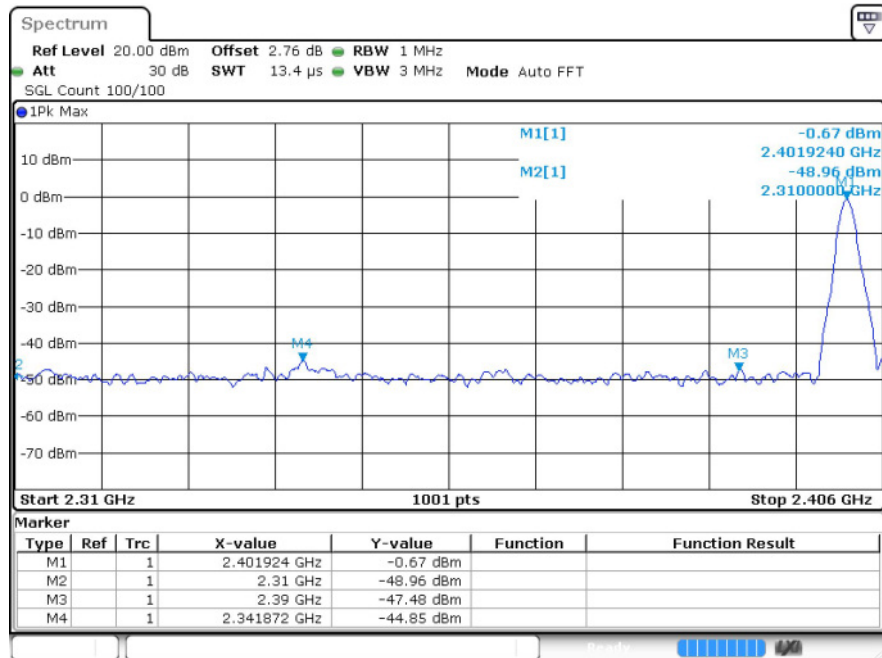
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



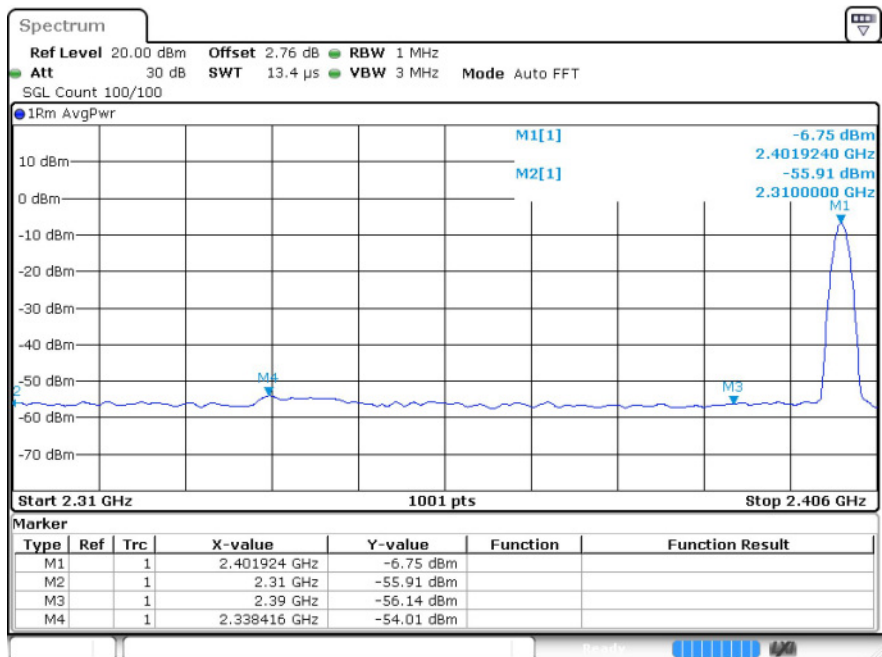
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



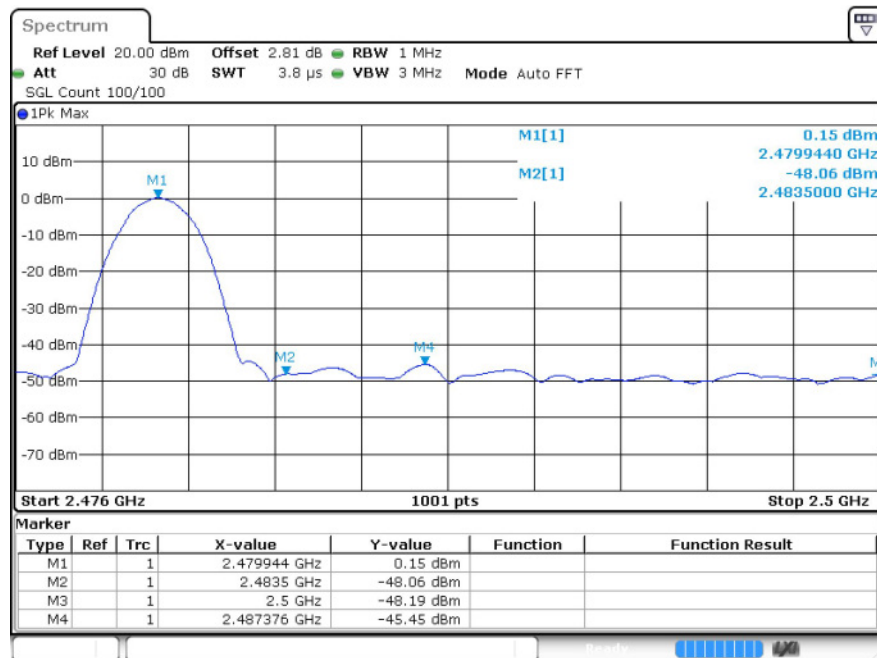
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



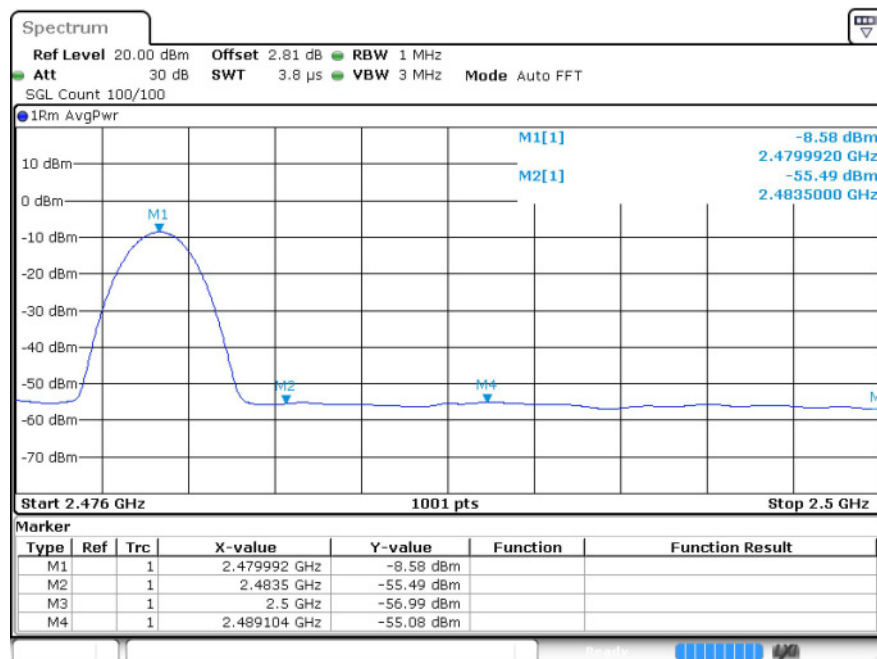
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---