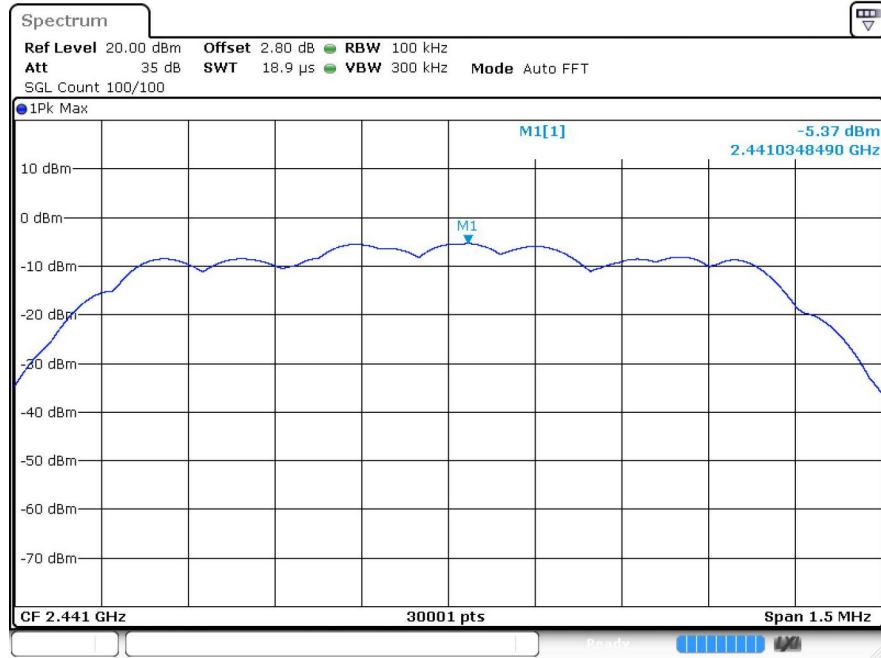
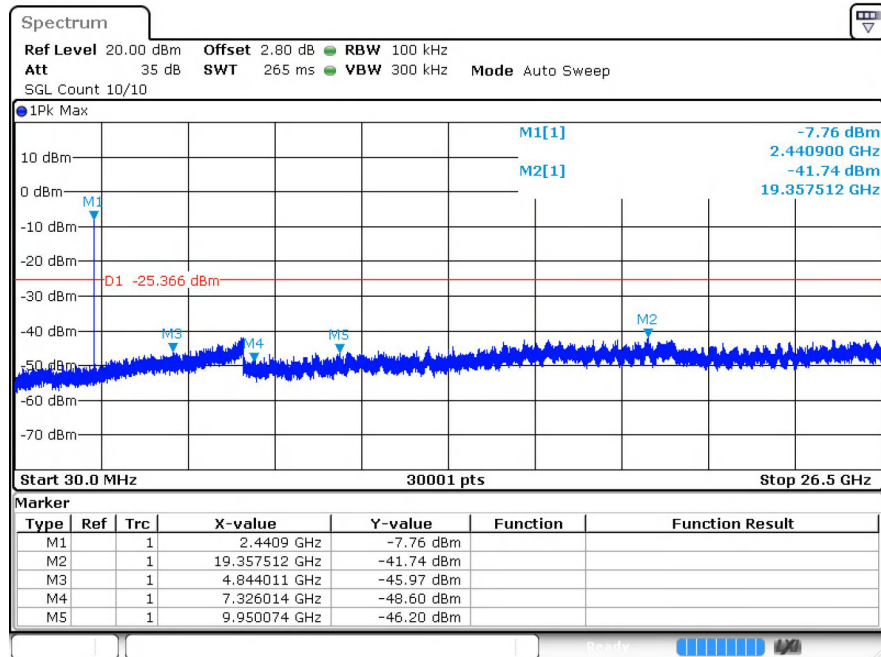


π /4DQPSK_MCH_Graphs

Pref

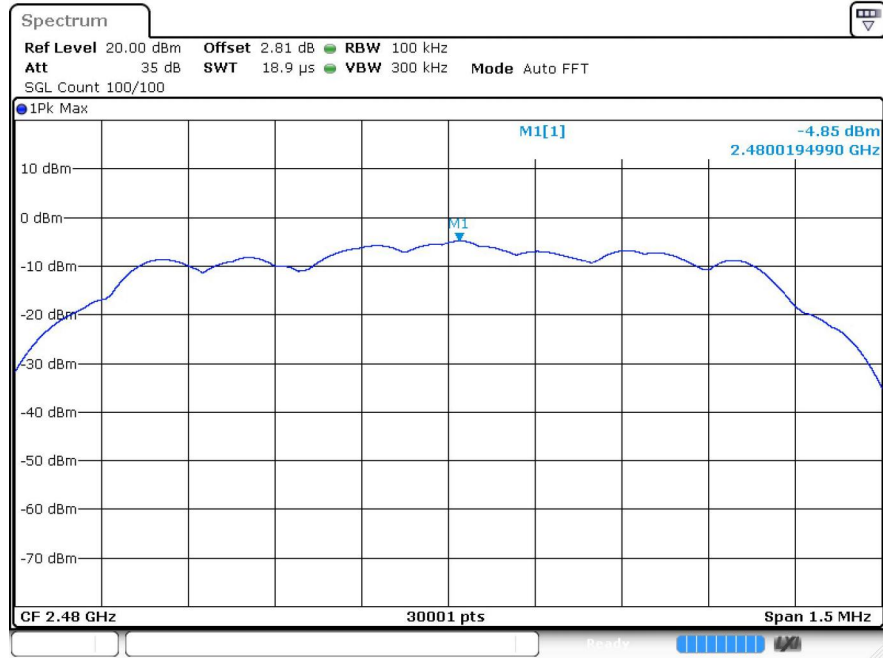


Puw

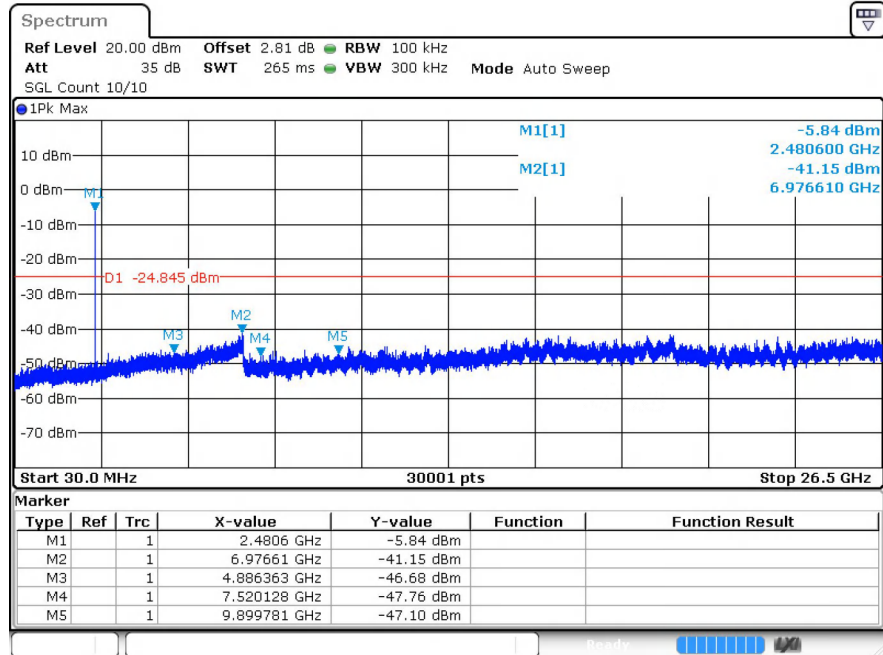


$\pi/4$ DQPSK_HCH_Graphs

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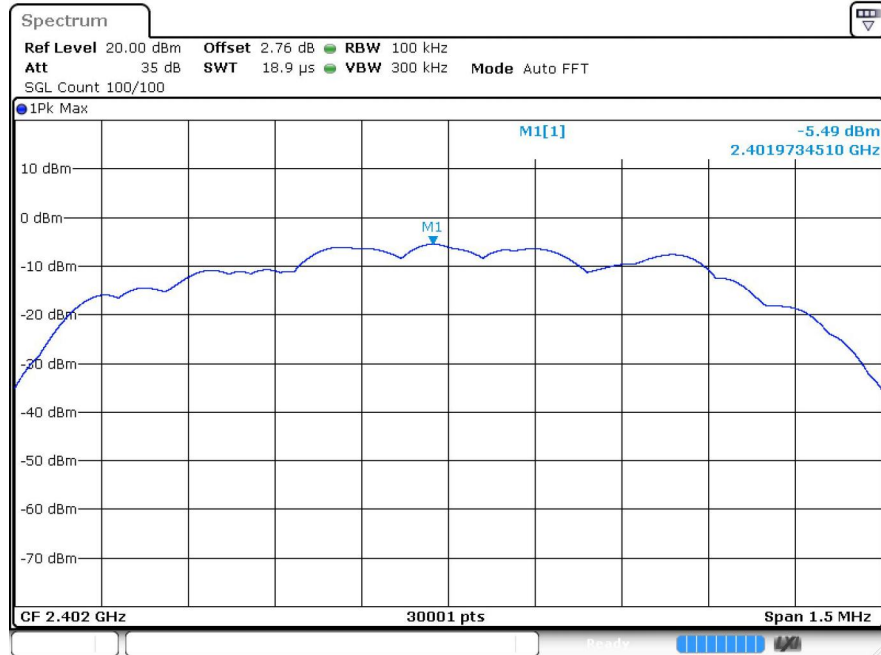


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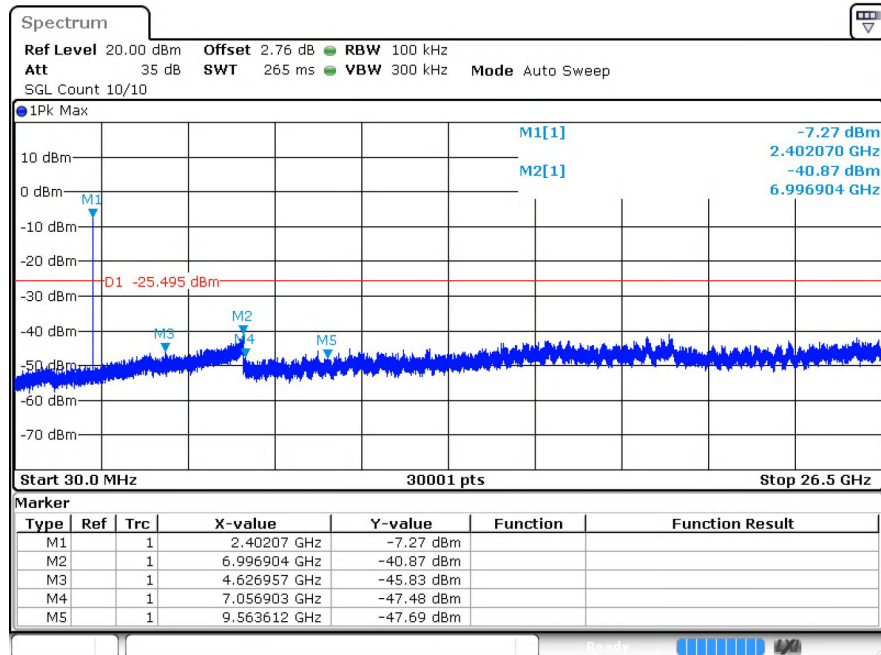


8DPSK_LCH_Graphs

Pref

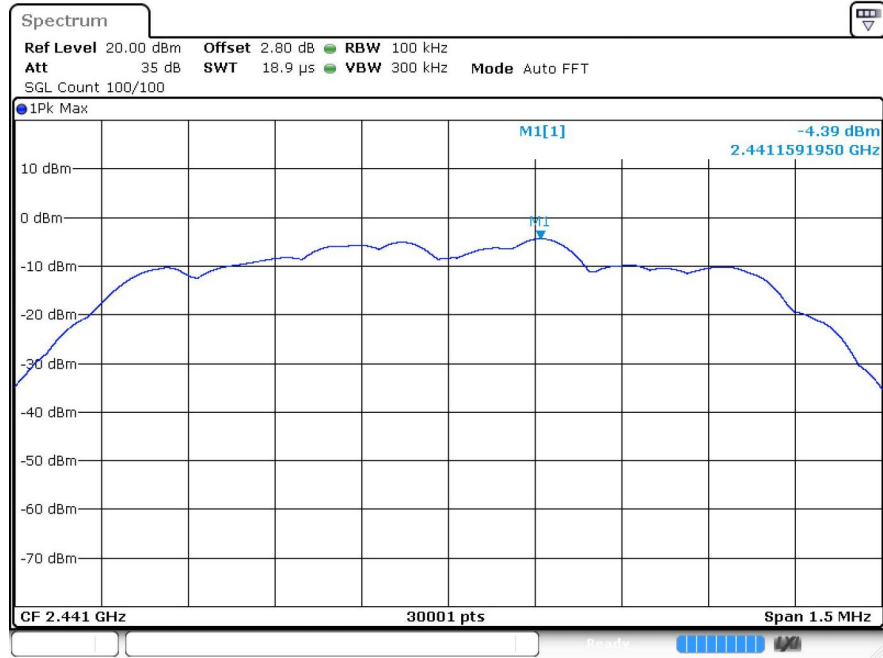


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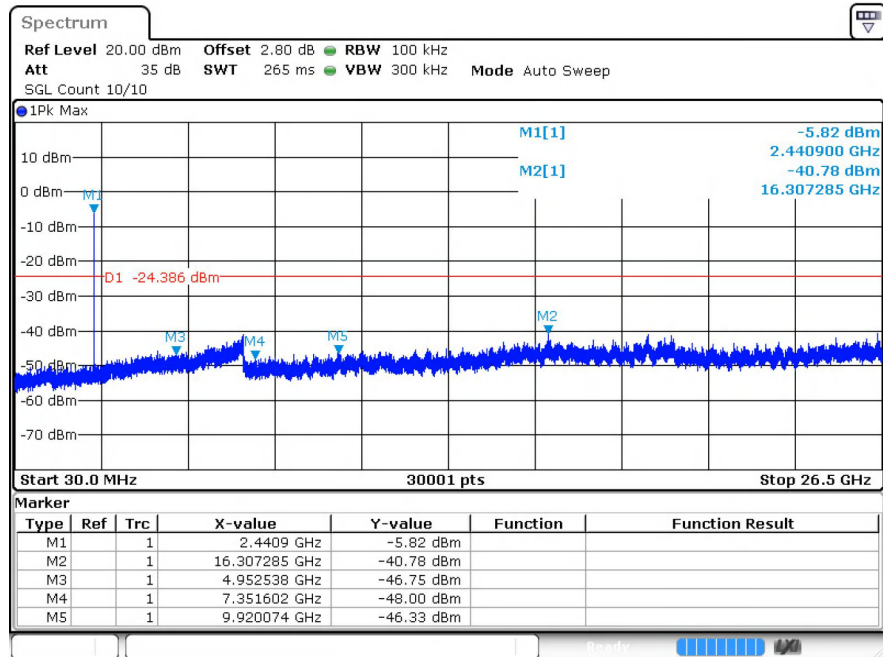


8DPSK_MCH_Graphs

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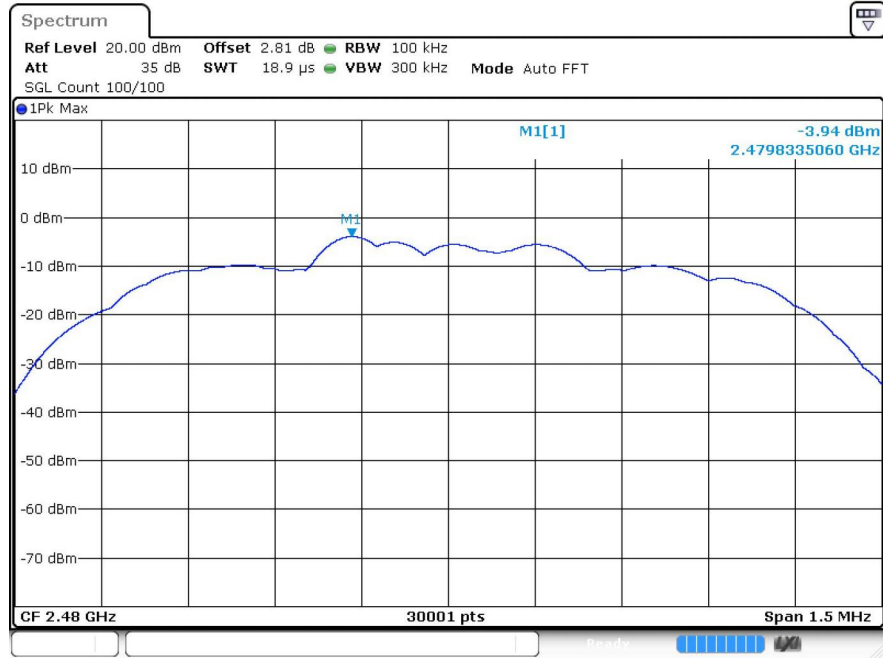


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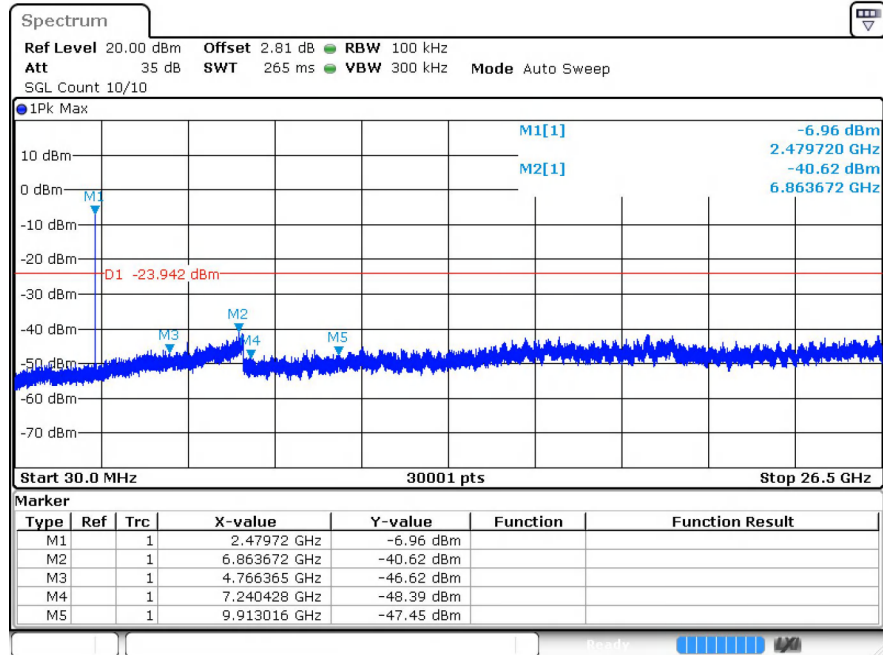


8DPSK_HCH_Graphs

Pref



Puw

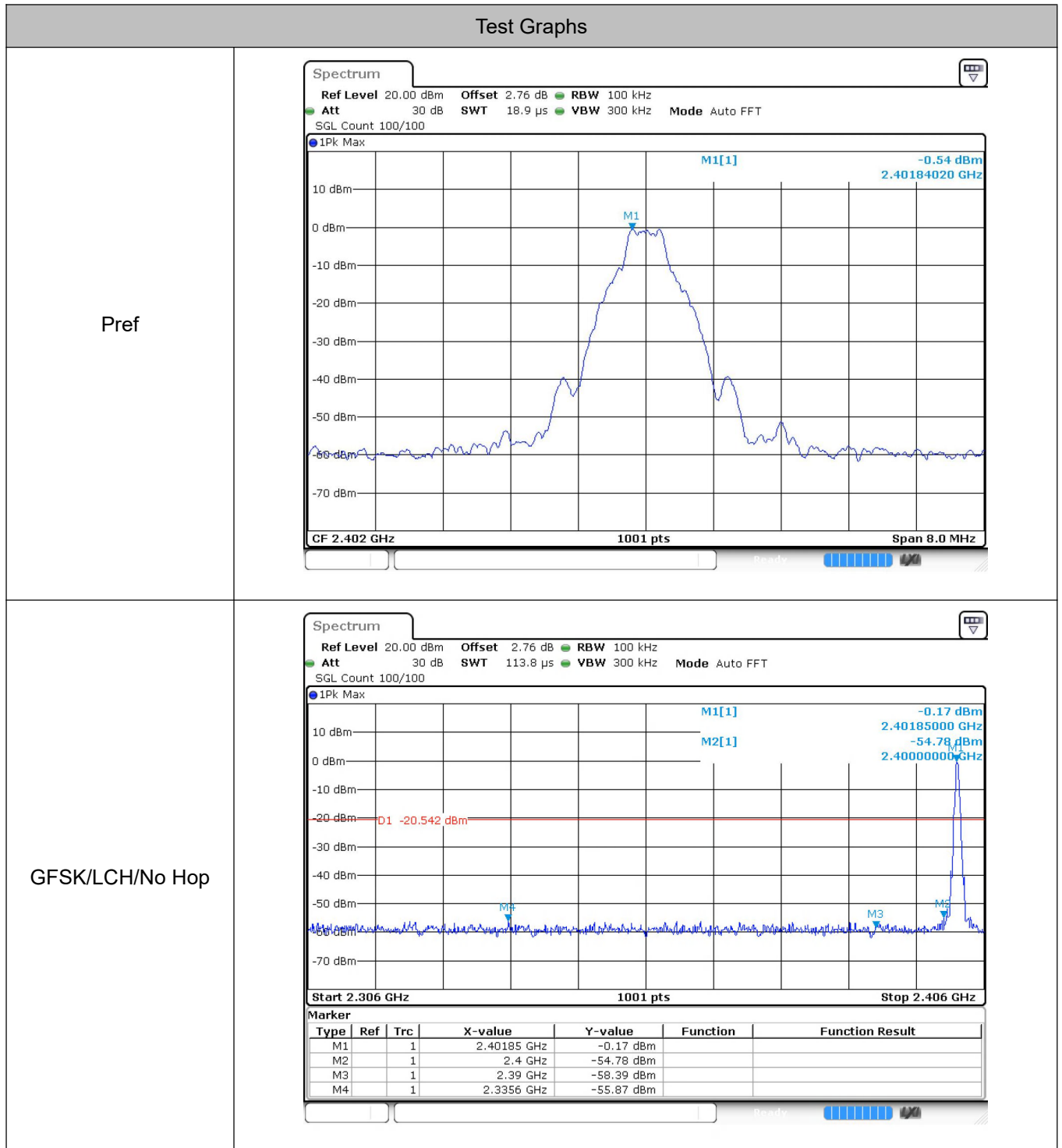


8 Band-edge for RF Conducted Emissions

8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-55.33	-20	Pass
			On	-53.83	-20	Pass
	HCH	2480	Off	-55.98	-20	Pass
			On	-55.02	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-51.49	-20	Pass
			On	-50.58	-20	Pass
	HCH	2480	Off	-51.13	-20	Pass
			On	-51.05	-20	Pass
8DPSK	LCH	2402	Off	-51.62	-20	Pass
			On	-50.41	-20	Pass
	HCH	2480	Off	-52.1	-20	Pass
			On	-50.57	-20	Pass

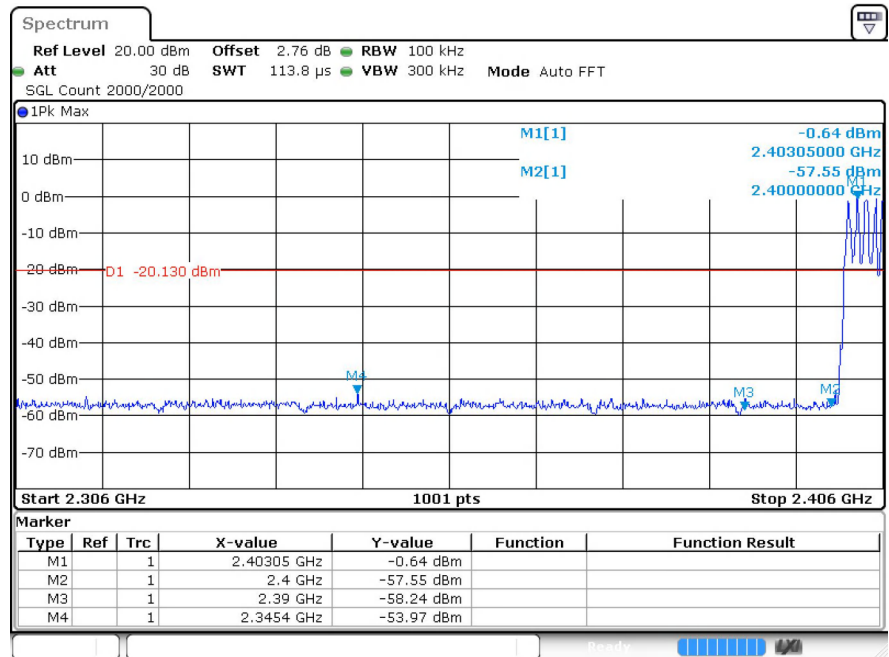
8.2 Test Graphs



Ref



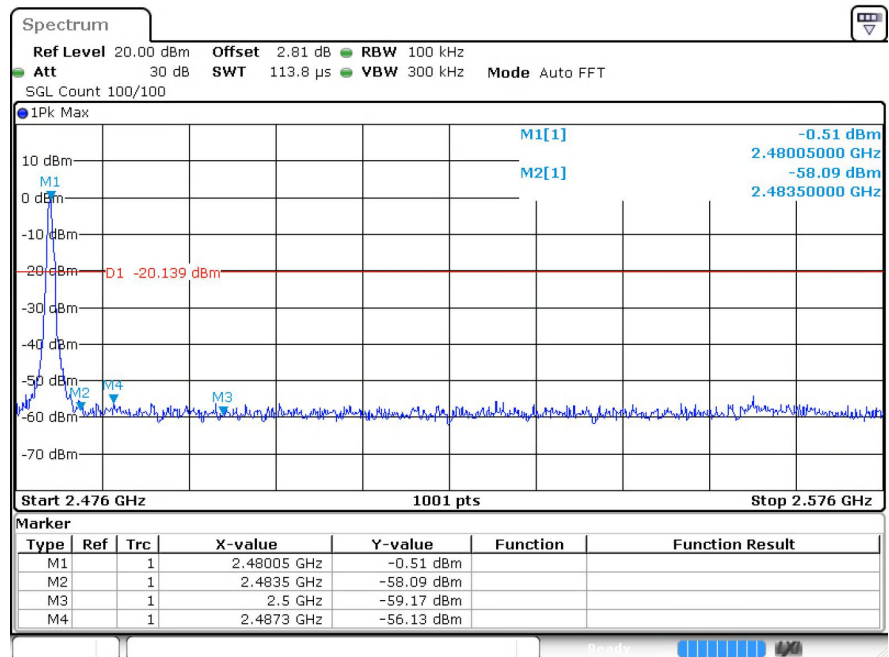
GFSK/LCH/Hop



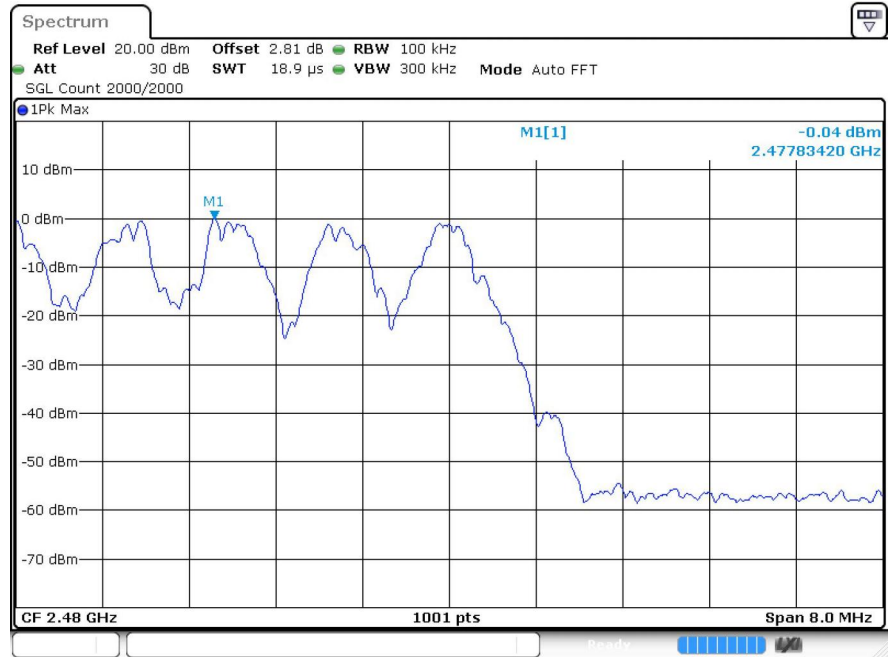
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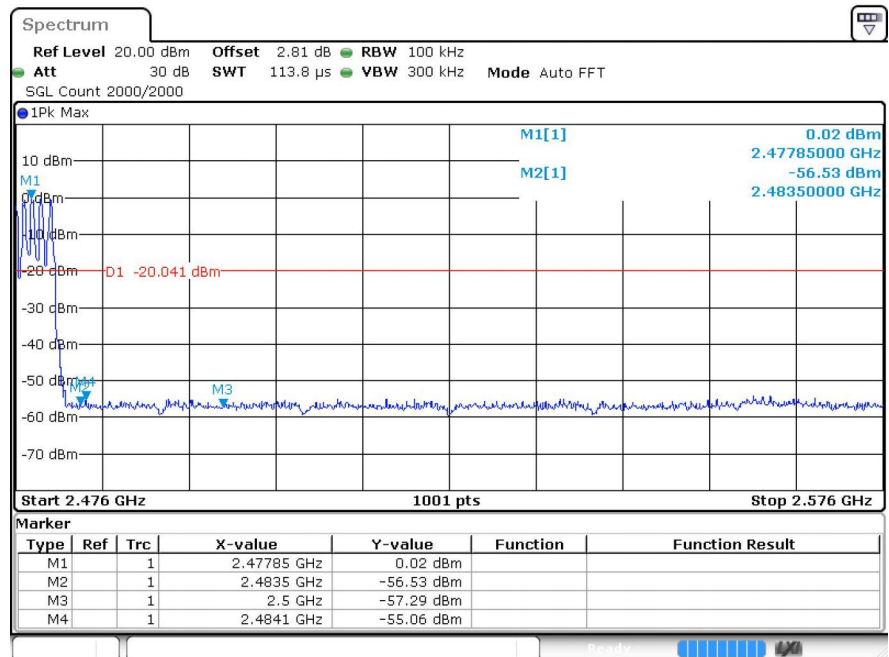
GFSK/HCH/No Hop



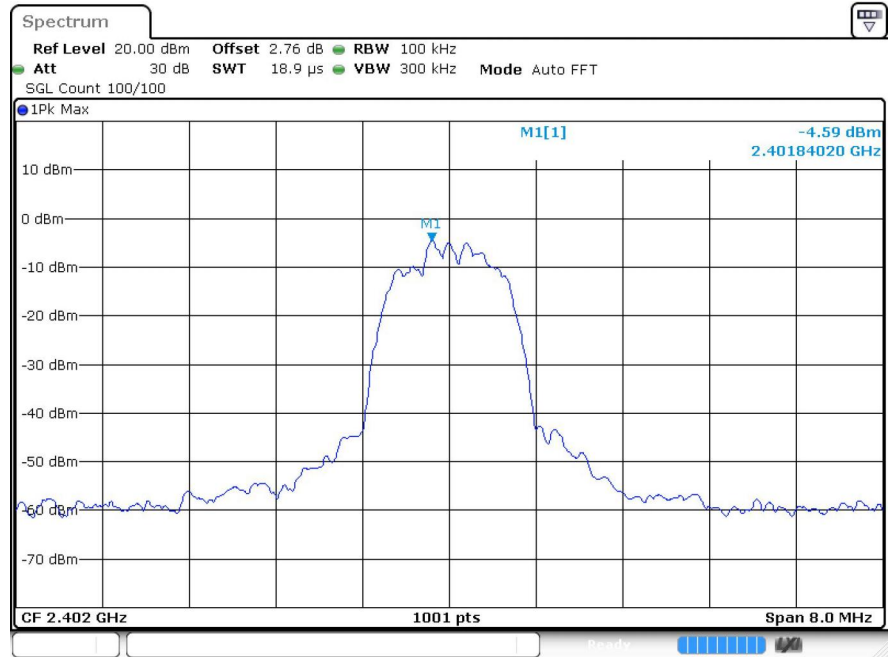
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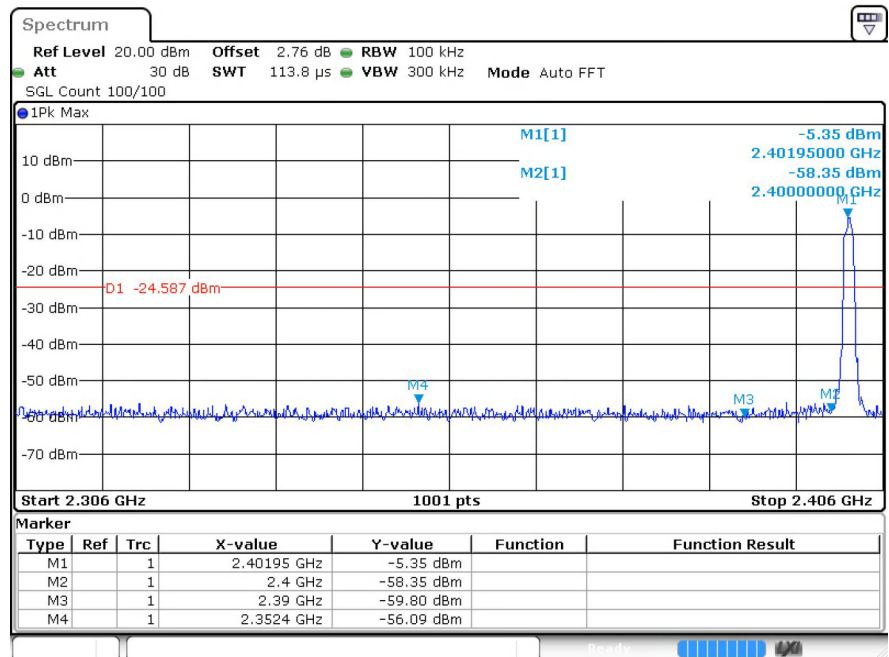
GFSK/HCH/Hop



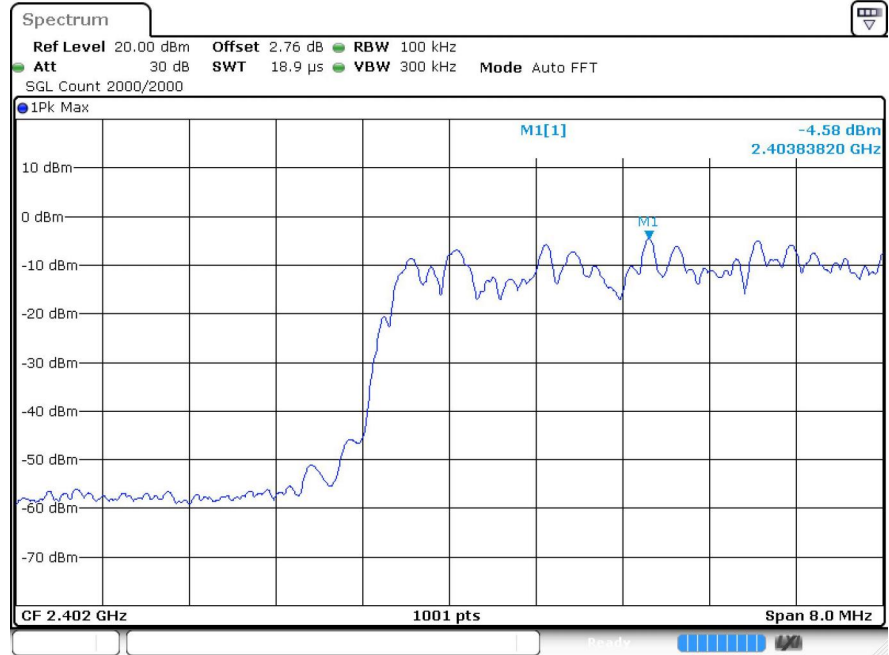
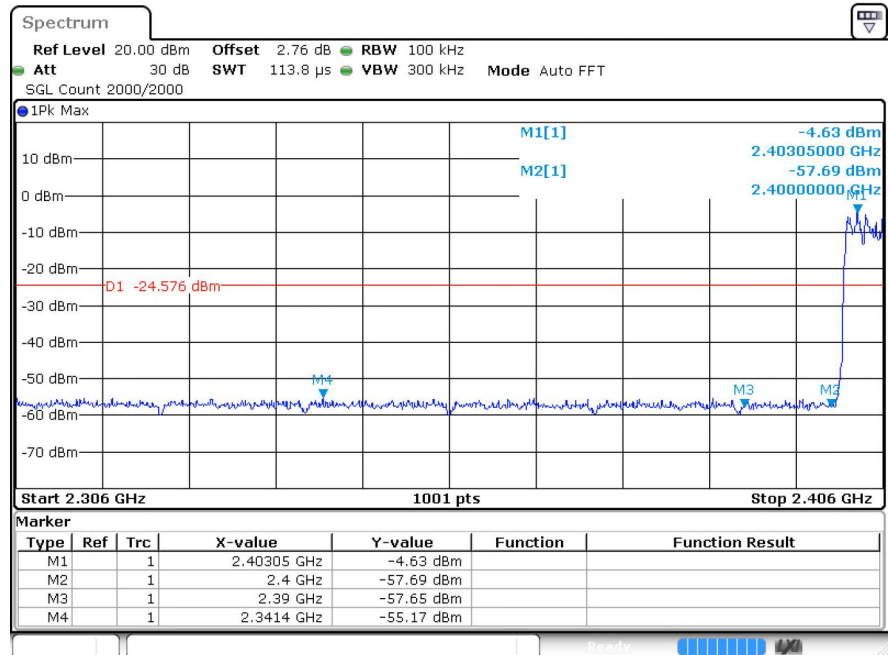
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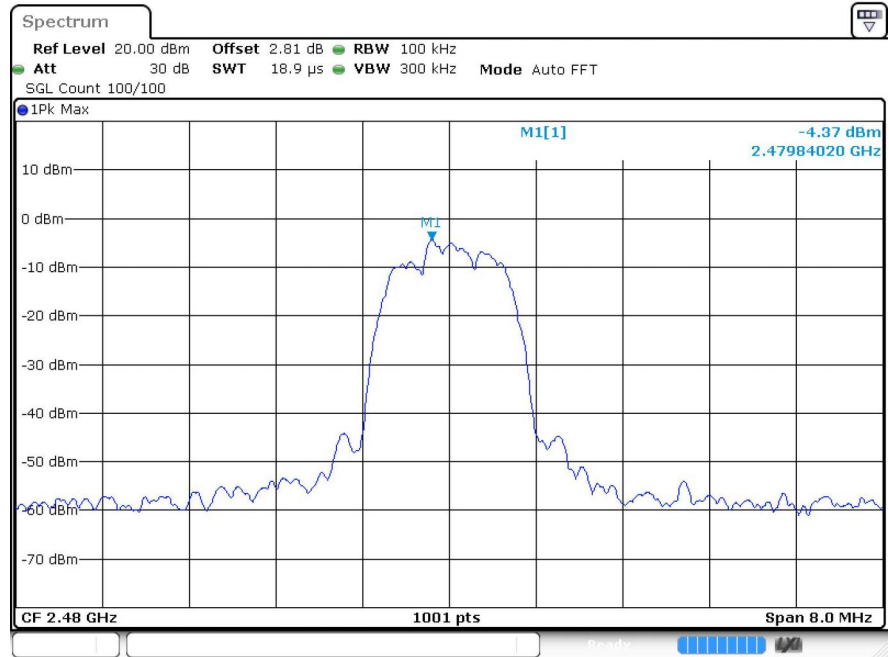
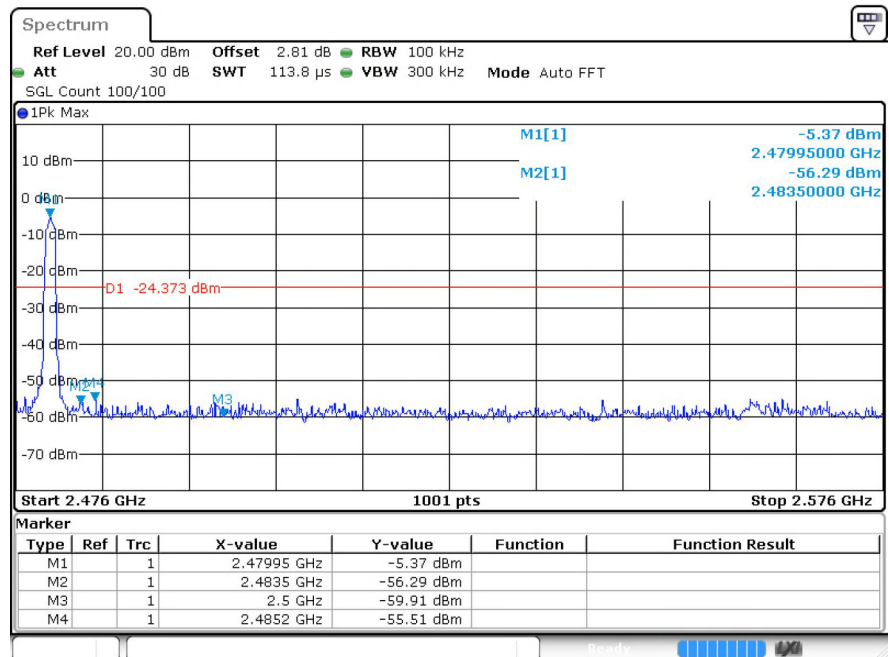
$\pi/4$ DQPSK/LCH/No
Hop



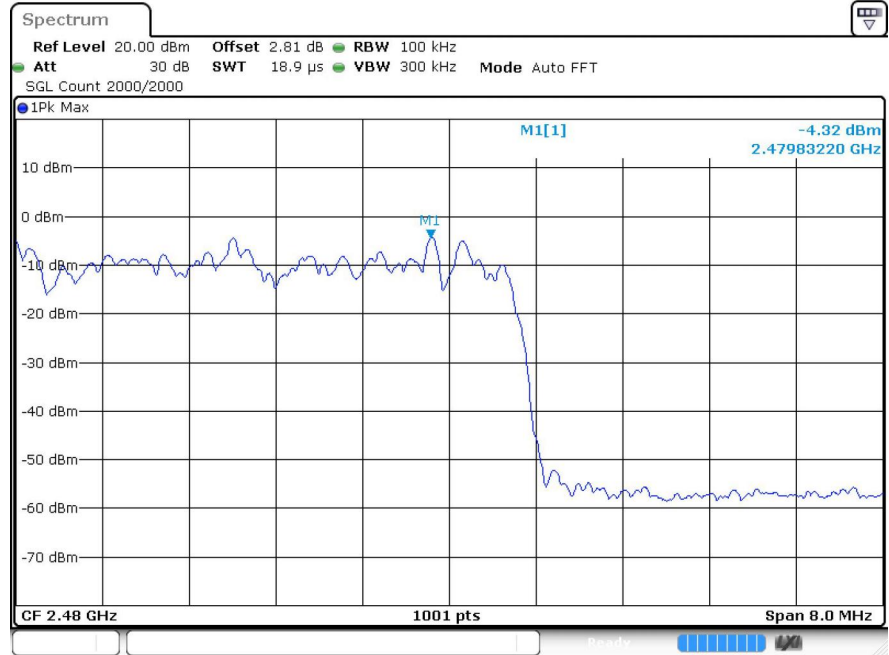
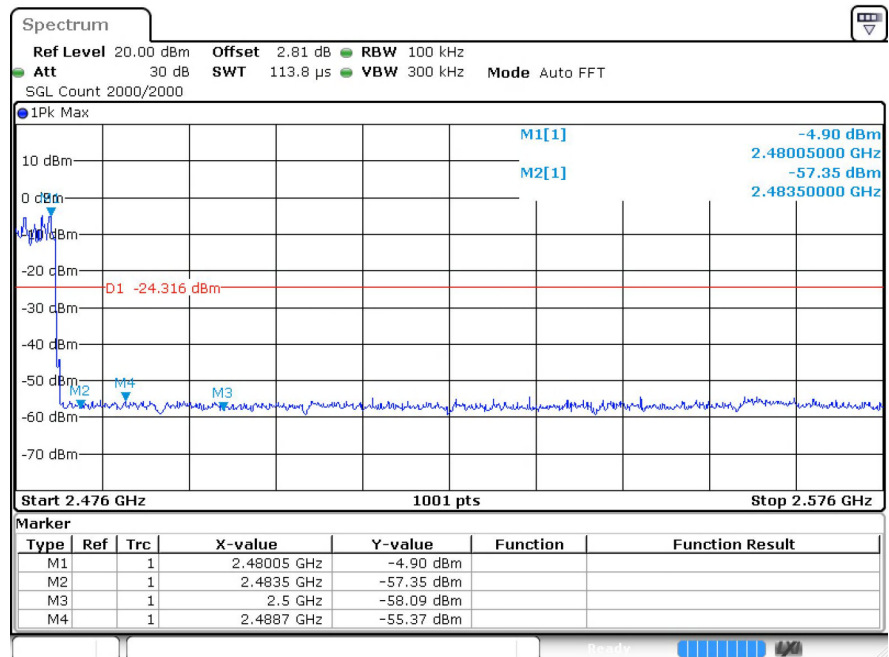
Ref


 $\pi/4$ DQPSK/LCH/Hop


Ref


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


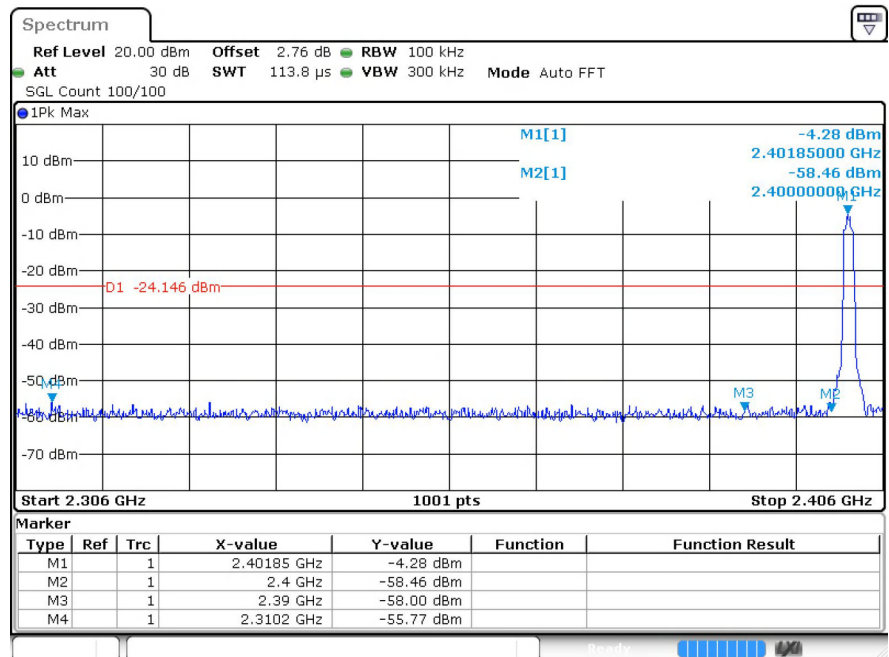
Ref


 $\pi/4$ DQPSK/HCH/Hop


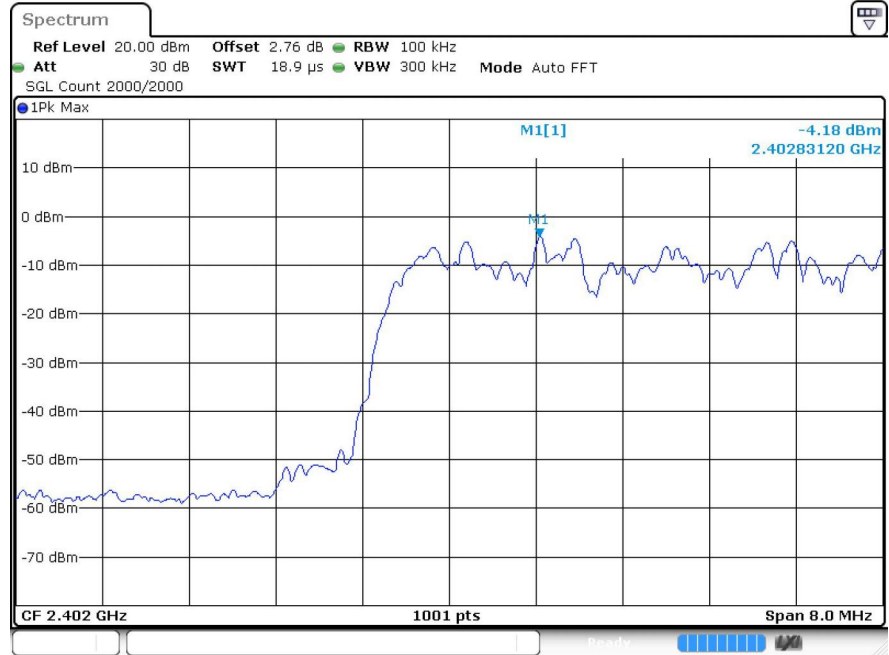
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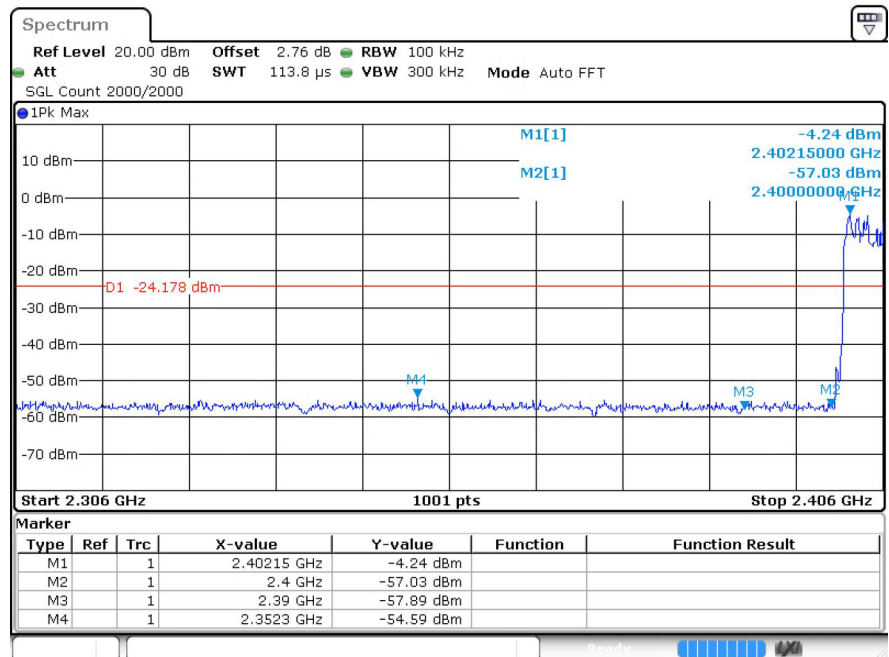
8DPSK/LCH/No Hop



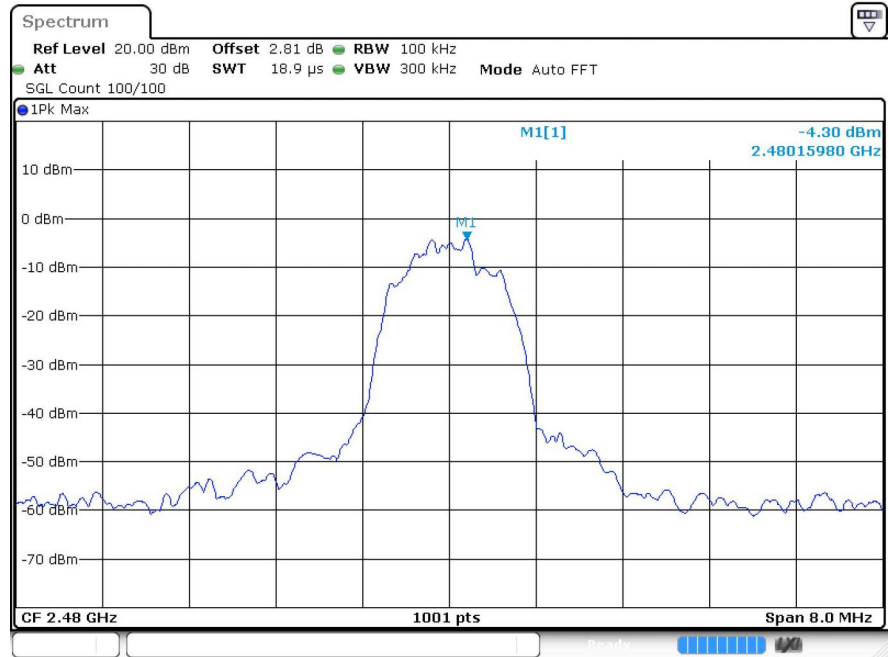
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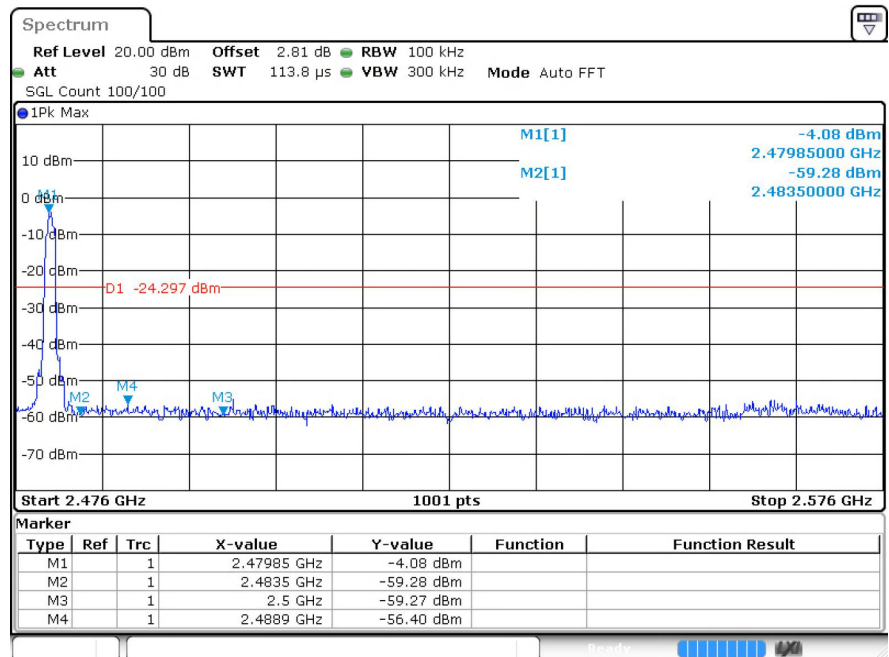
8DPSK/LCH/Hop



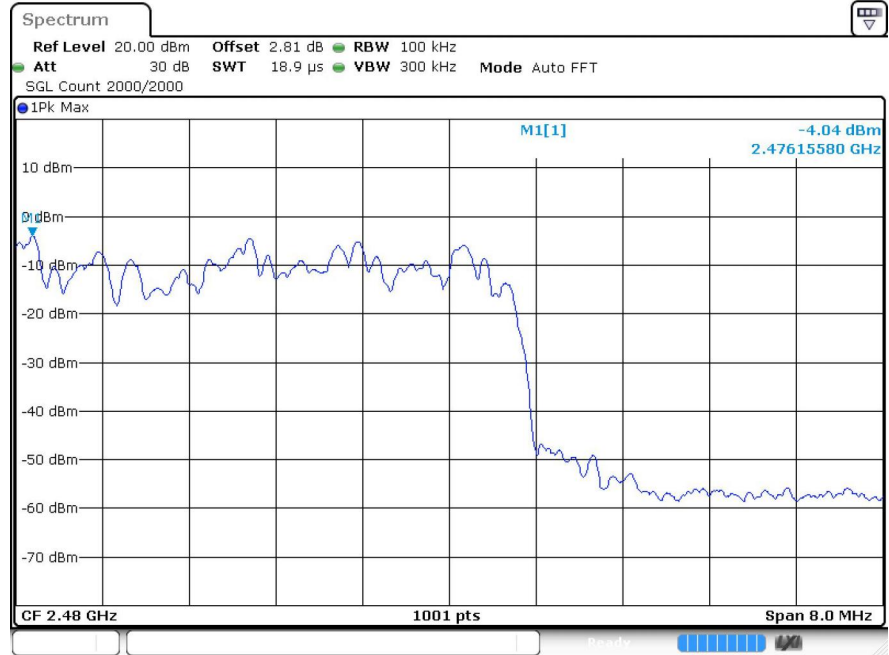
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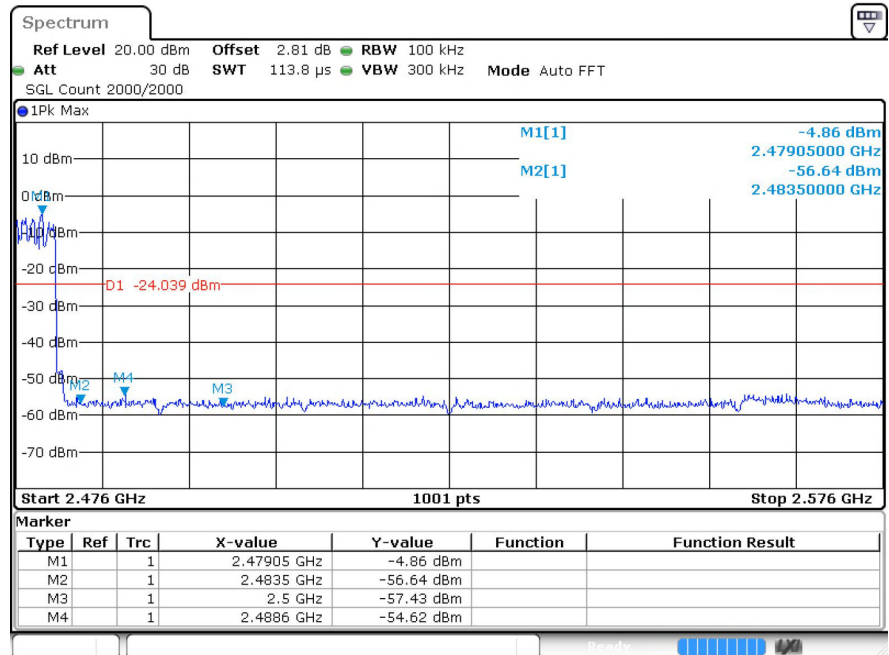
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

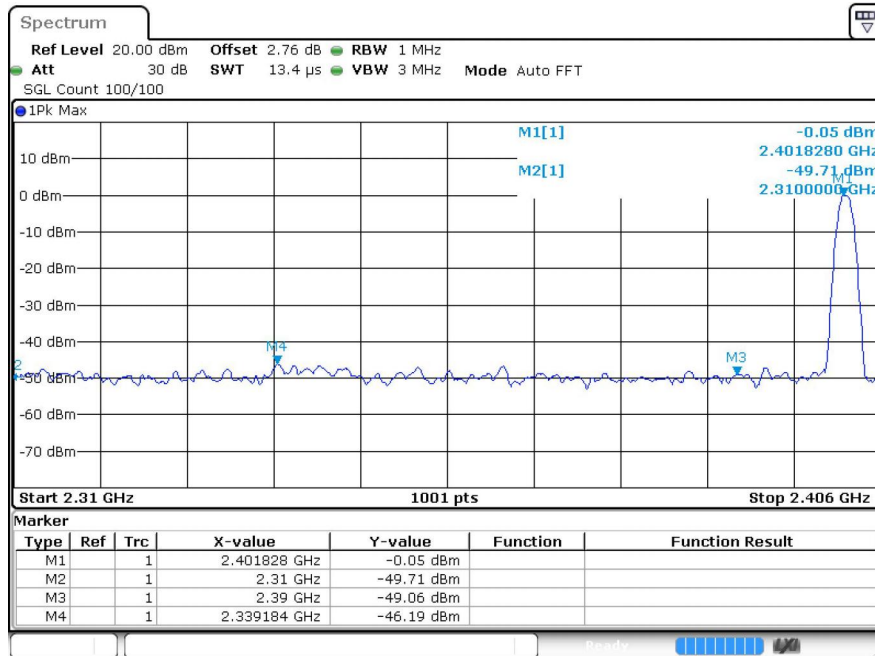
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-49.71	2	-	47.55	PEAK	74	Pass
	Off	2310.0	-56.55	2	4.95	45.66	AV	54	Pass
	Off	2339.184	-46.18	2	-	51.08	PEAK	74	Pass
	Off	2338.32	-54.75	2	4.95	47.46	AV	54	Pass
	Off	2390.0	-49.06	2	-	48.2	PEAK	74	Pass
	Off	2390.0	-56.44	2	4.95	45.77	AV	54	Pass
	Off	2483.5	-48.72	2	-	48.54	PEAK	74	Pass
	Off	2483.5	-55.56	2	4.95	46.65	AV	54	Pass
	Off	2483.92	-46.68	2	-	50.58	PEAK	74	Pass
	Off	2484.04	-55.1	2	4.95	47.11	AV	54	Pass
	Off	2500.0	-50.31	2	-	46.95	PEAK	74	Pass
	Off	2500.0	-57.21	2	4.95	45	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-46.27	2	-	50.99	PEAK	74	Pass
	Off	2310.0	-56.79	2	4.95	45.42	AV	54	Pass
	Off	2347.632	-45.52	2	-	51.74	PEAK	74	Pass
	Off	2339.472	-54.52	2	4.95	47.69	AV	54	Pass
	Off	2390.0	-48.96	2	-	48.3	PEAK	74	Pass
	Off	2390.0	-57.07	2	4.95	45.14	AV	54	Pass
	Off	2483.5	-47.96	2	-	49.3	PEAK	74	Pass
	Off	2483.5	-55.93	2	4.95	46.28	AV	54	Pass
	Off	2497.576	-46.67	2	-	50.59	PEAK	74	Pass
	Off	2492.656	-54.54	2	4.95	47.67	AV	54	Pass
	Off	2500.0	-49.16	2	-	48.1	PEAK	74	Pass
	Off	2500.0	-56.84	2	4.95	45.37	AV	54	Pass
8DPSK	Off	2310.0	-46.64	2	-	50.62	PEAK	74	Pass
	Off	2310.0	-55.45	2	4.95	46.76	AV	54	Pass
	Off	2339.184	-44.98	2	-	52.28	PEAK	74	Pass
	Off	2337.84	-54.51	2	4.95	47.7	AV	54	Pass



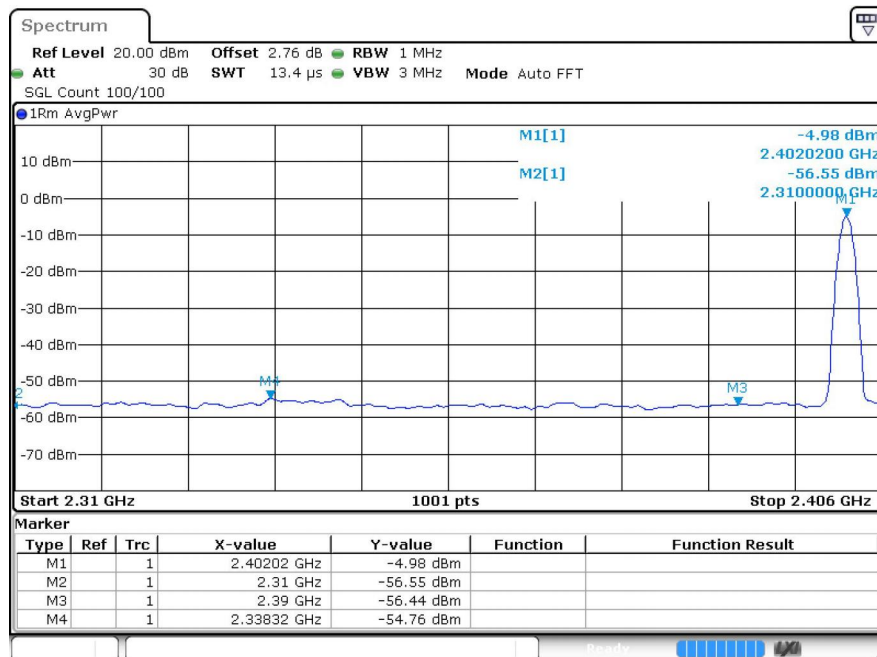
Off	2390.0	-51.59	2	-	45.67	PEAK	74	Pass
Off	2390.0	-57.3	2	4.95	44.91	AV	54	Pass
Off	2483.5	-47.49	2	-	49.77	PEAK	74	Pass
Off	2483.5	-56.35	2	4.95	45.86	AV	54	Pass
Off	2483.512	-47.52	2	-	49.74	PEAK	74	Pass
Off	2496.136	-55.5	2	4.95	46.71	AV	54	Pass
Off	2500.0	-50.02	2	-	47.24	PEAK	74	Pass
Off	2500.0	-55.93	2	4.95	46.28	AV	54	Pass

9.2 Test Graphs

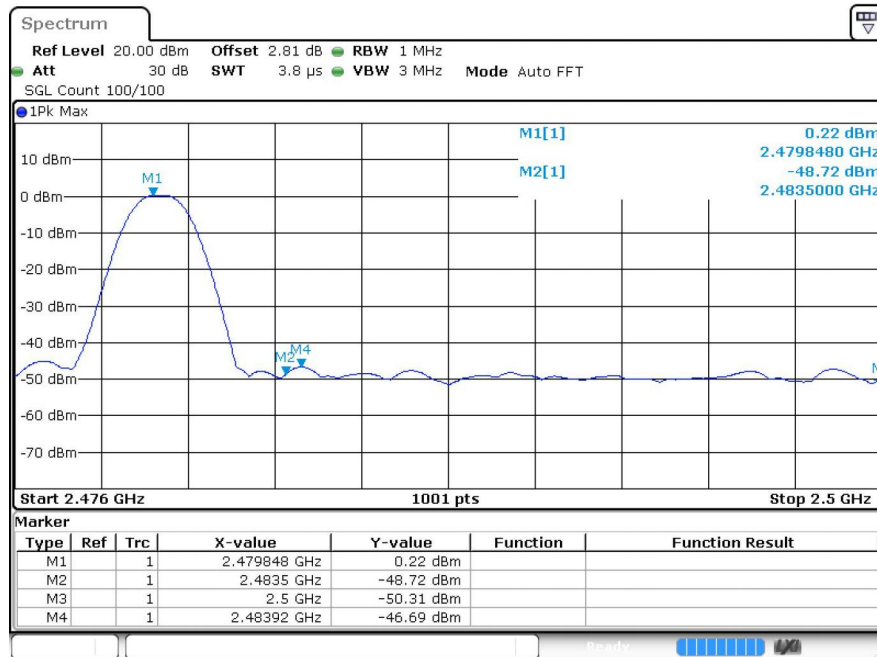
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



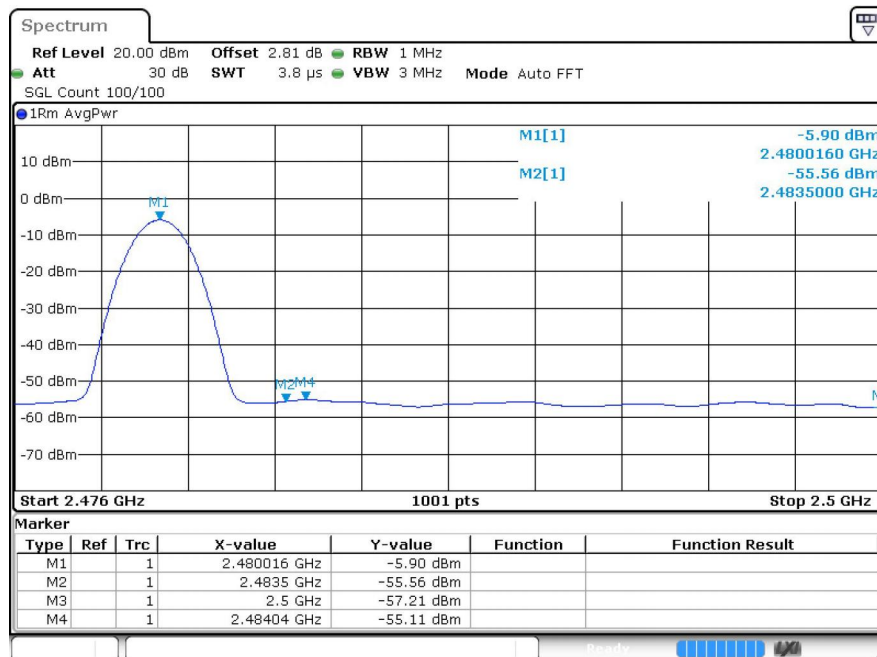
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



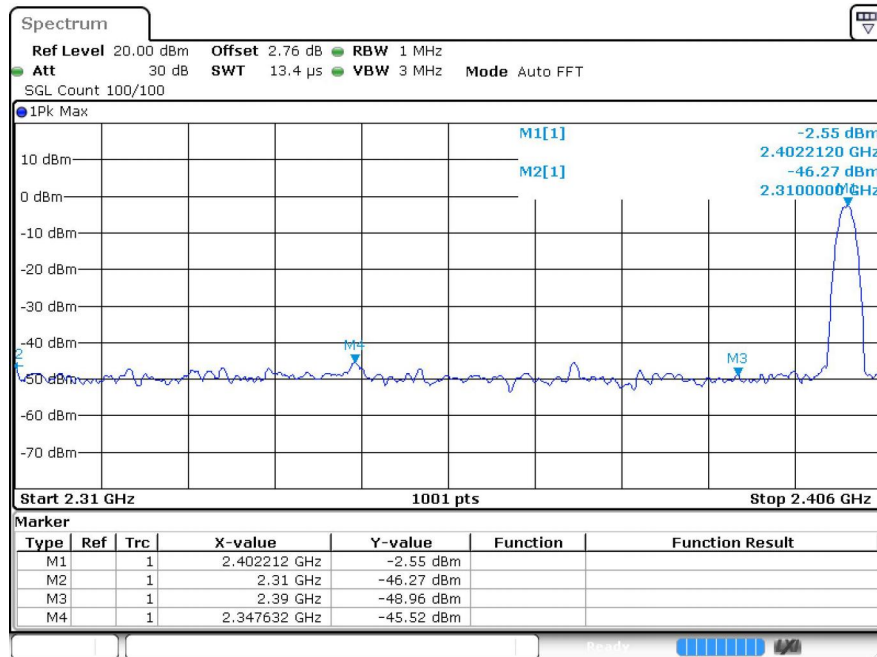
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



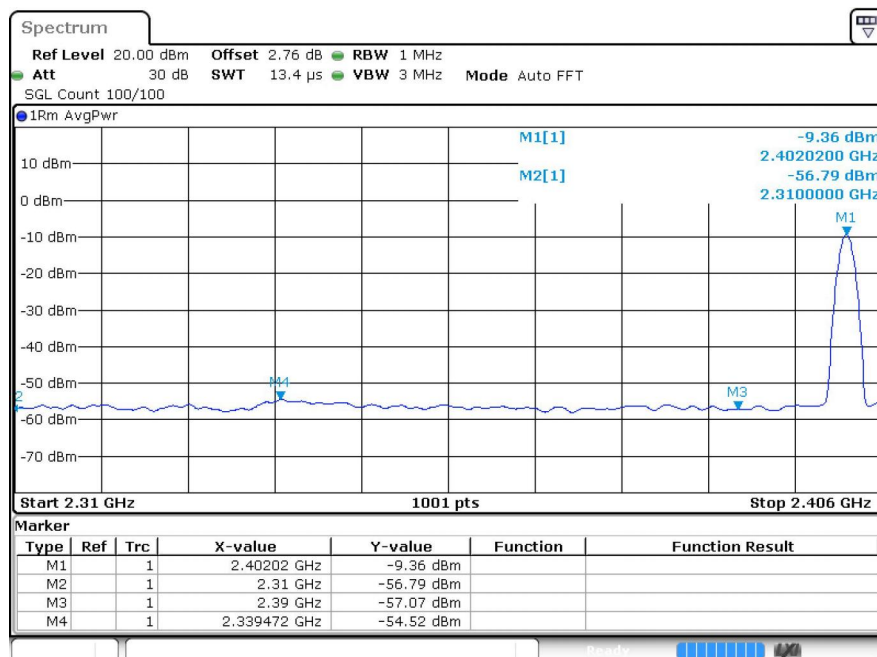
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



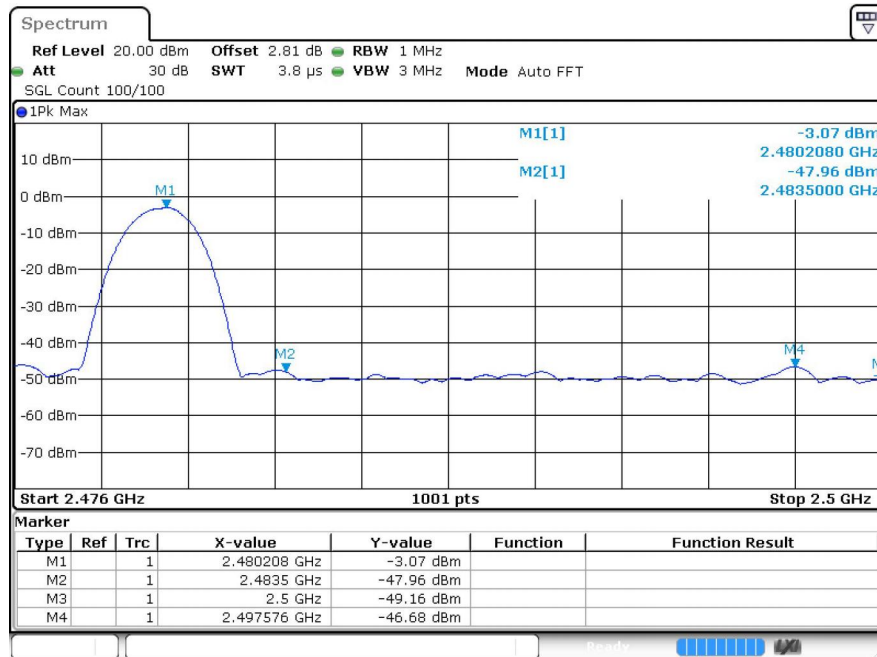
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



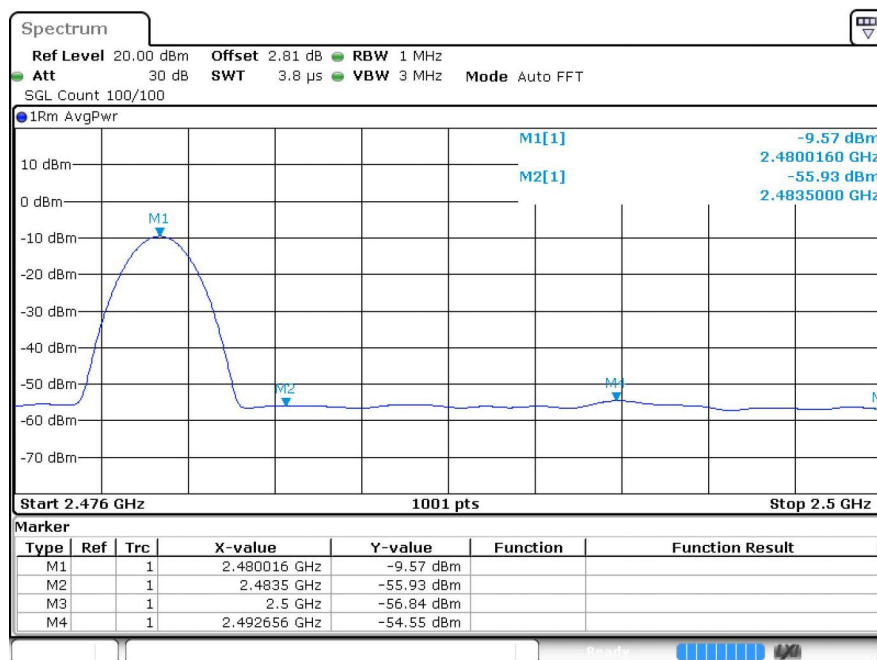
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



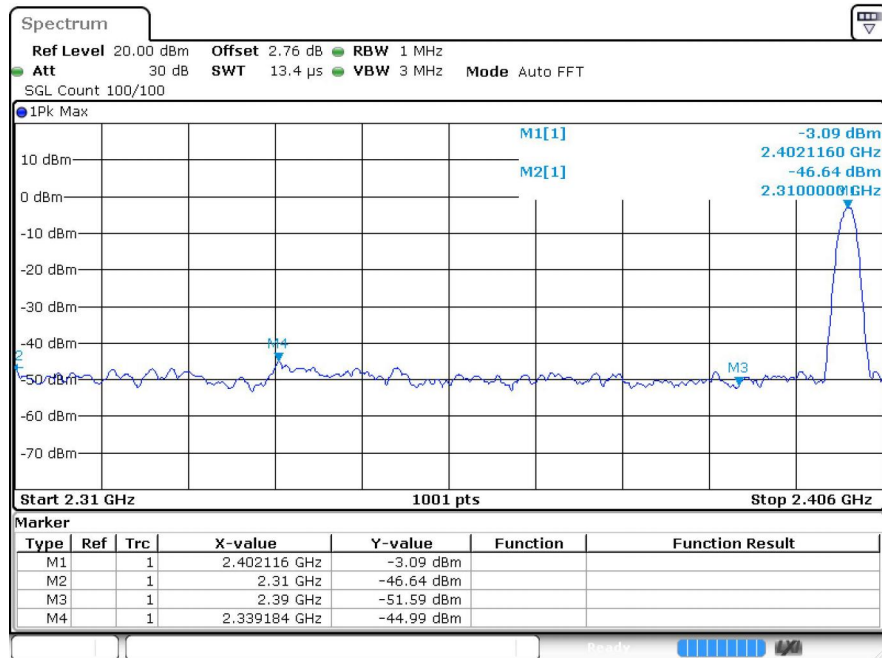
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



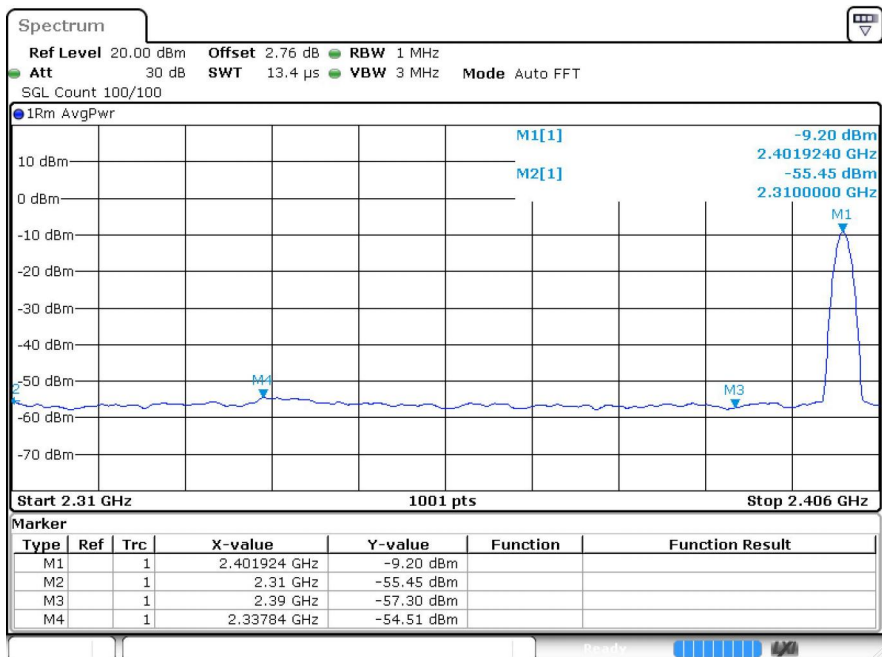
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



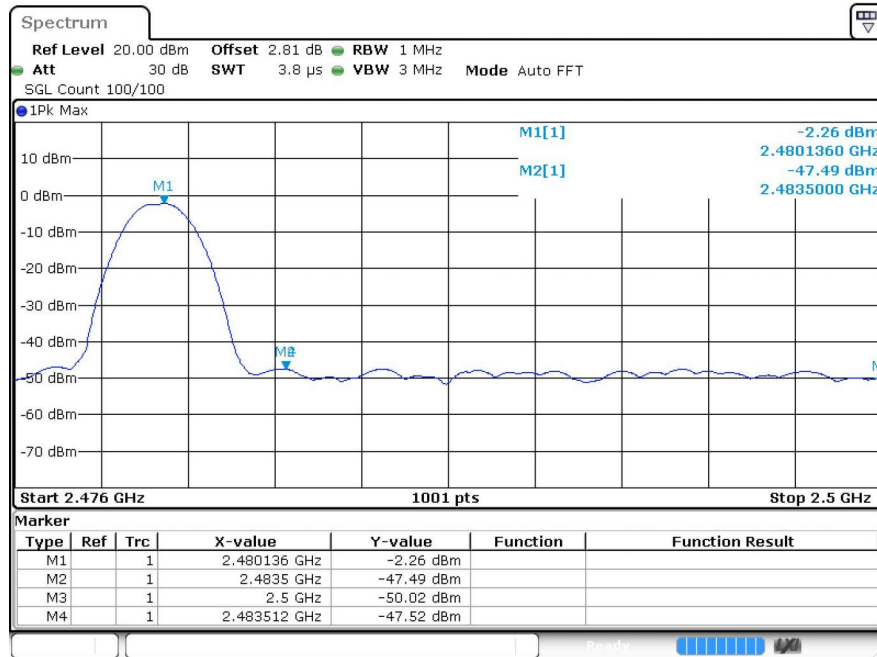
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



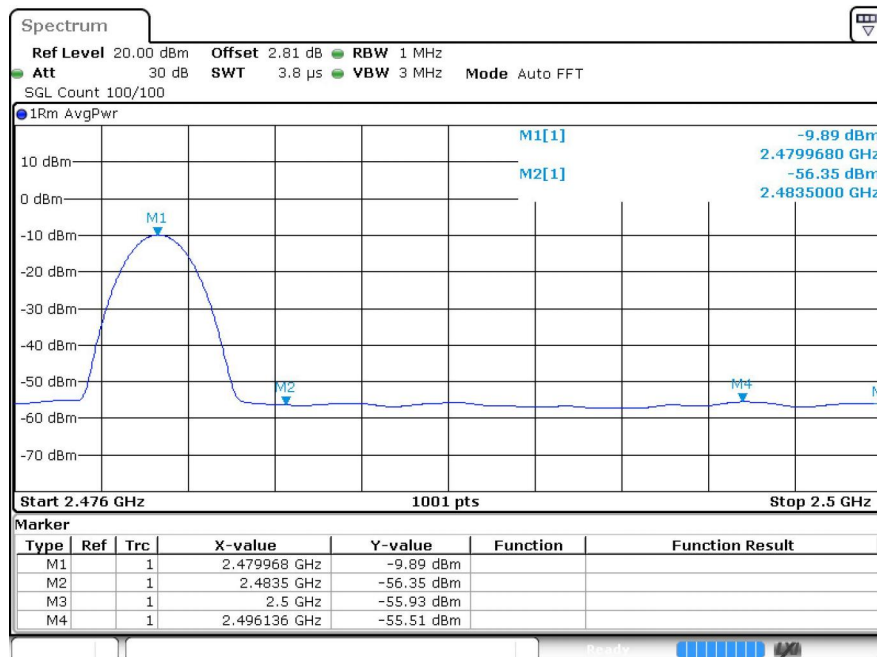
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---