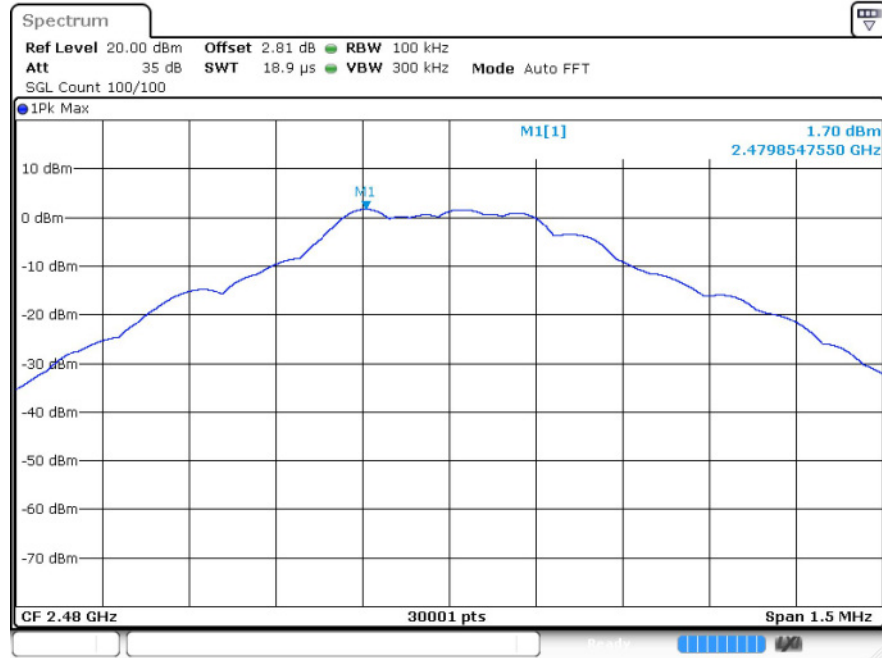
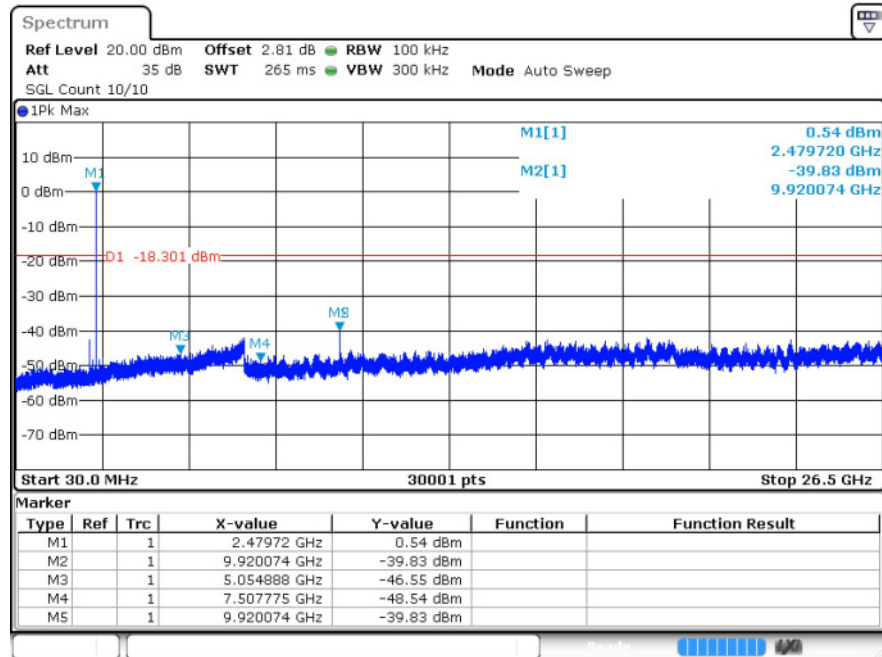


GFSK_HCH_Graphs

Pref

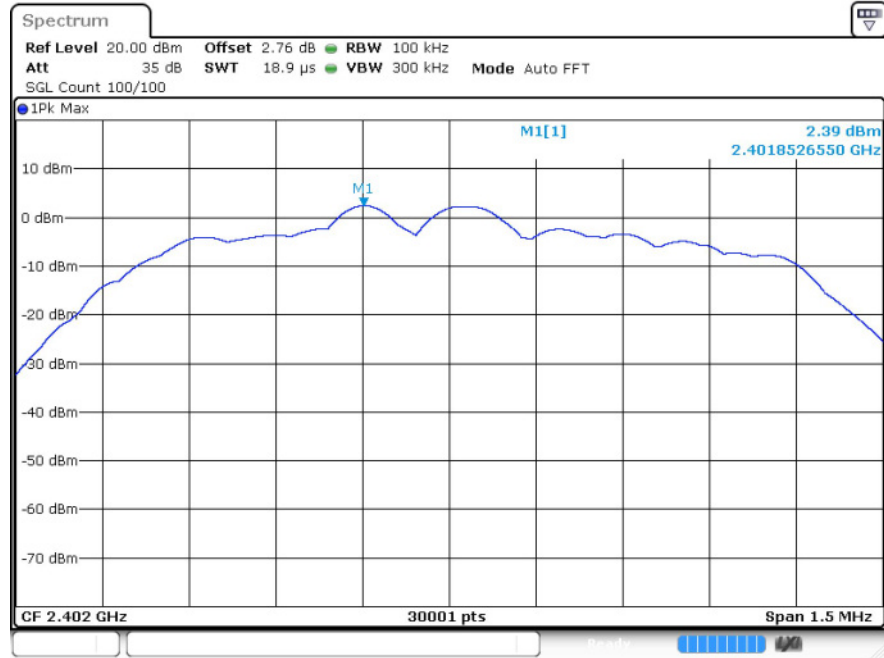


Puw

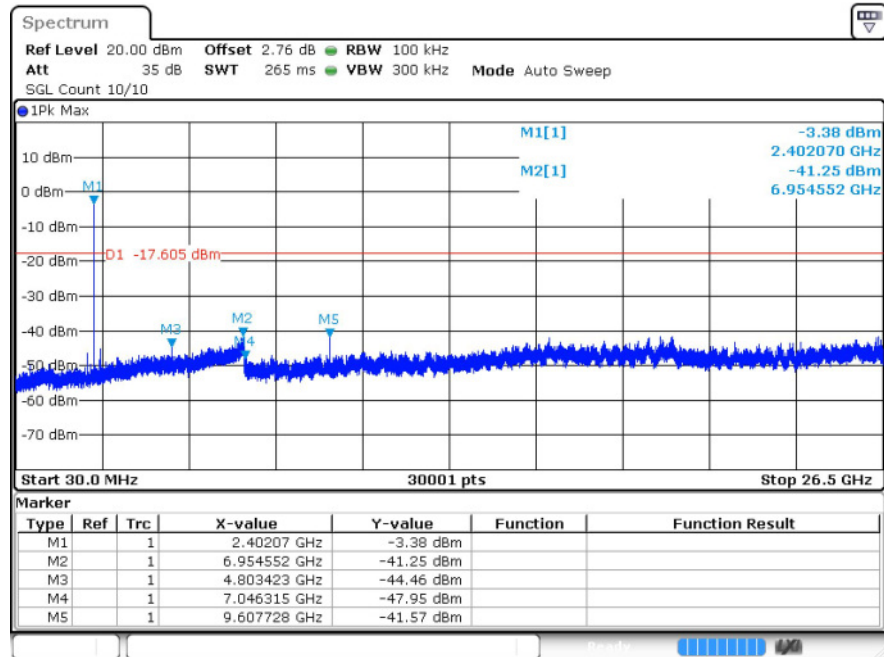


$\pi/4$ DQPSK_LCH_Graphs

Pref

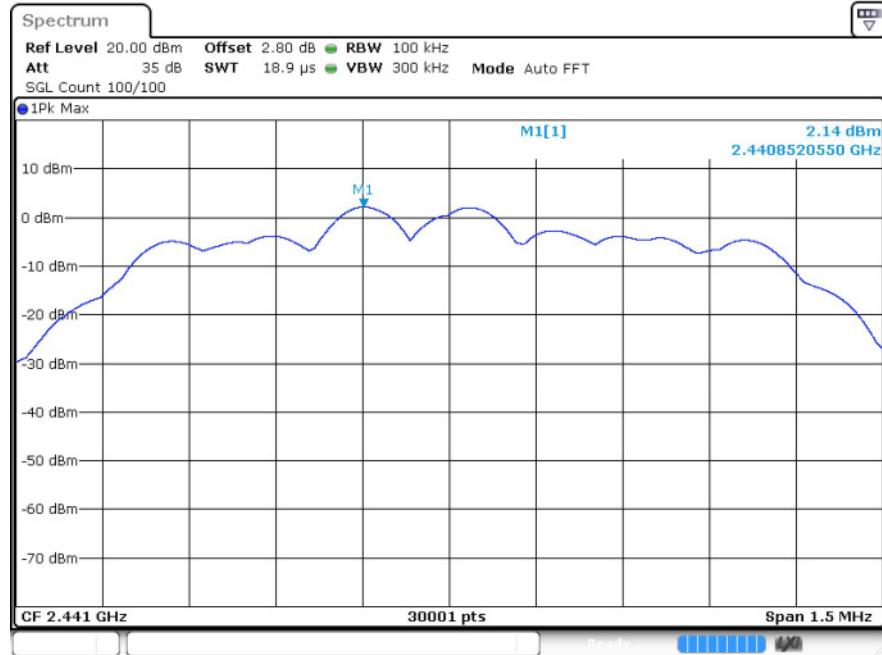


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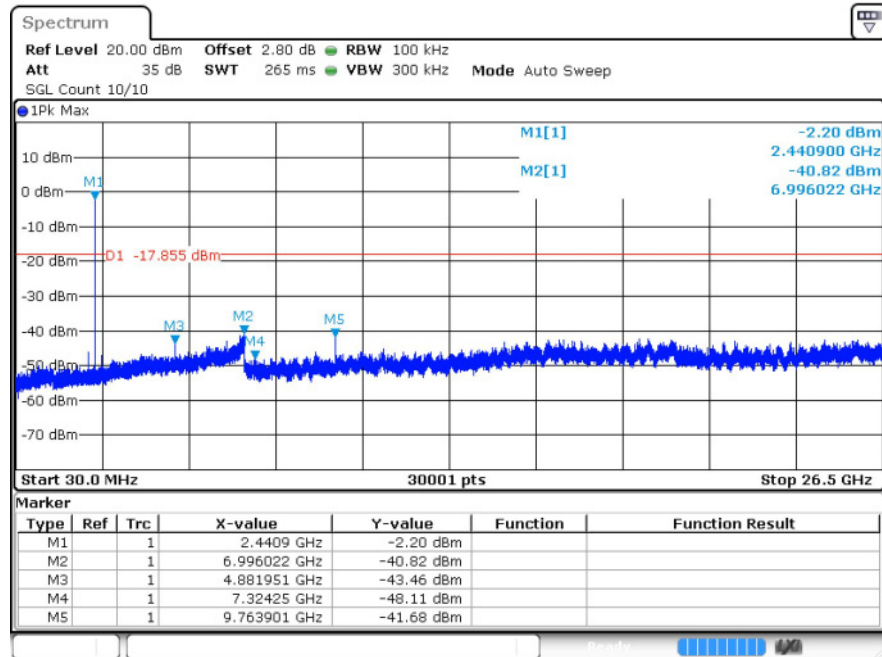


$\pi/4$ DQPSK_MCH_Graphs

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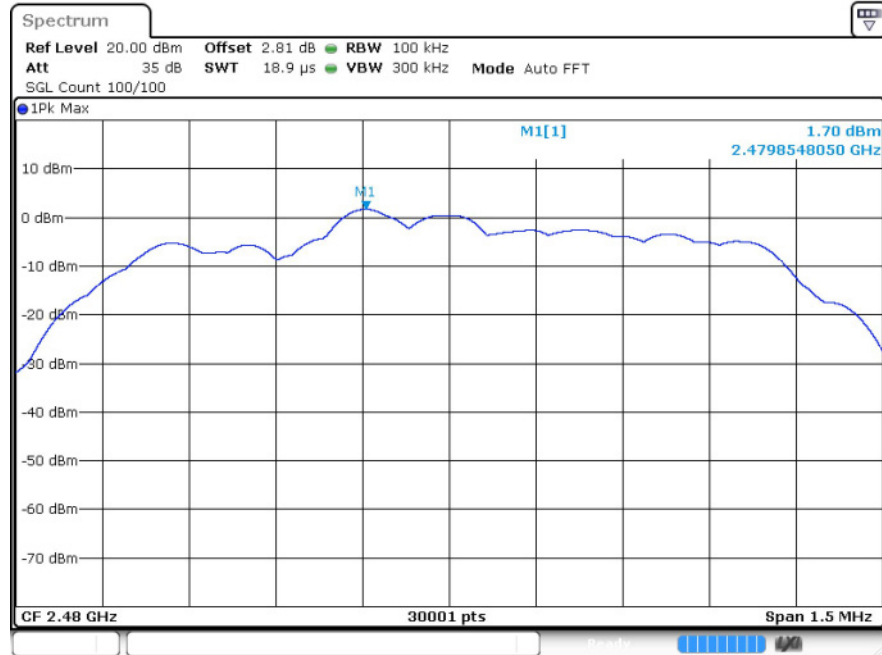


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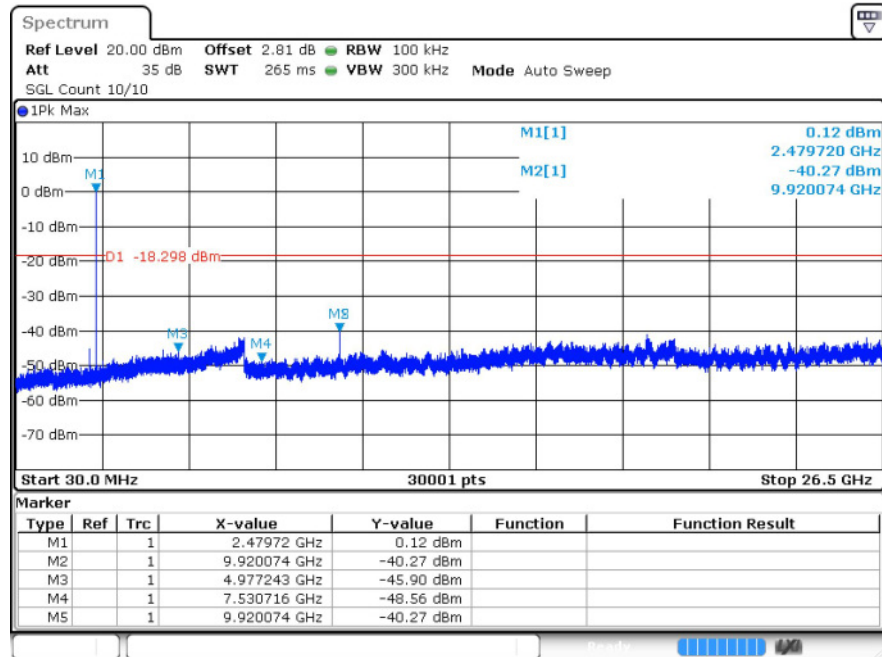


$\pi/4$ DQPSK_HCH_Graphs

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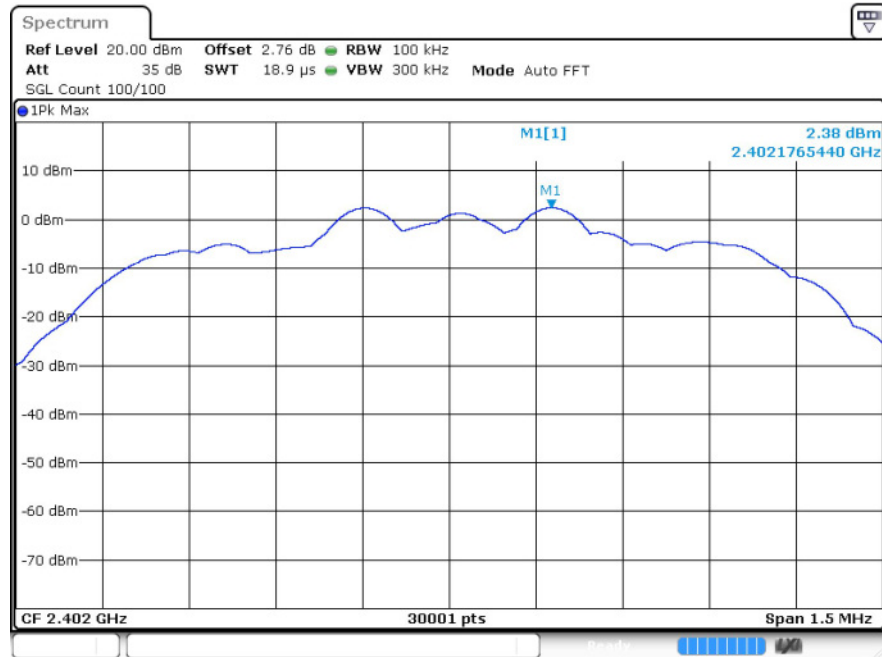


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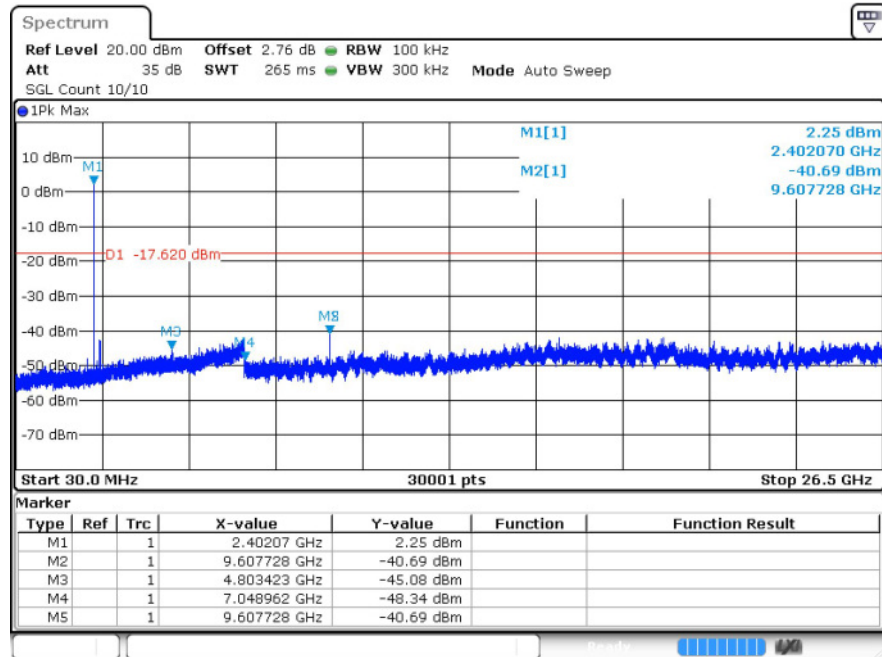


8DPSK_LCH_Graphs

Pref

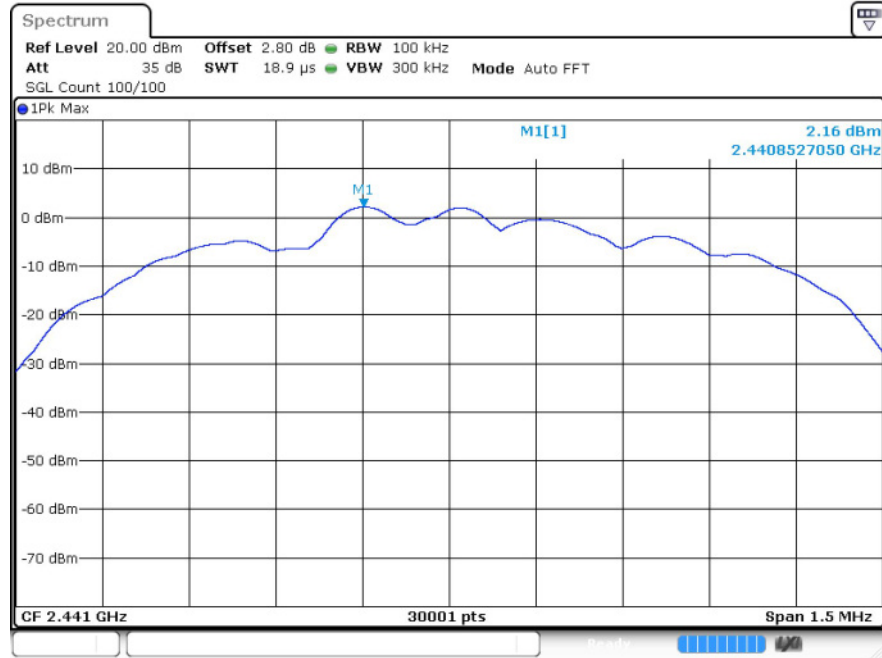


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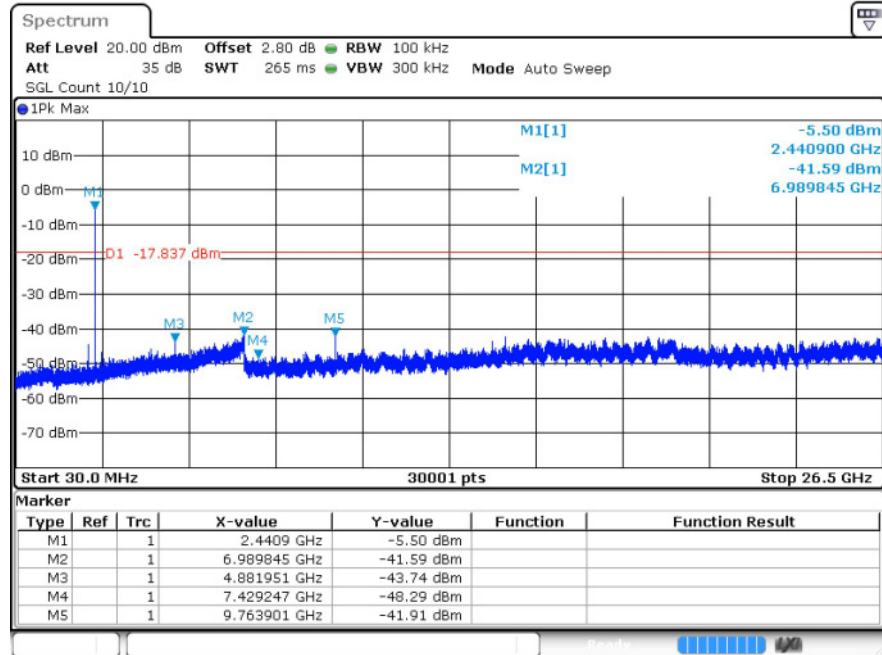


8DPSK_MCH_Graphs

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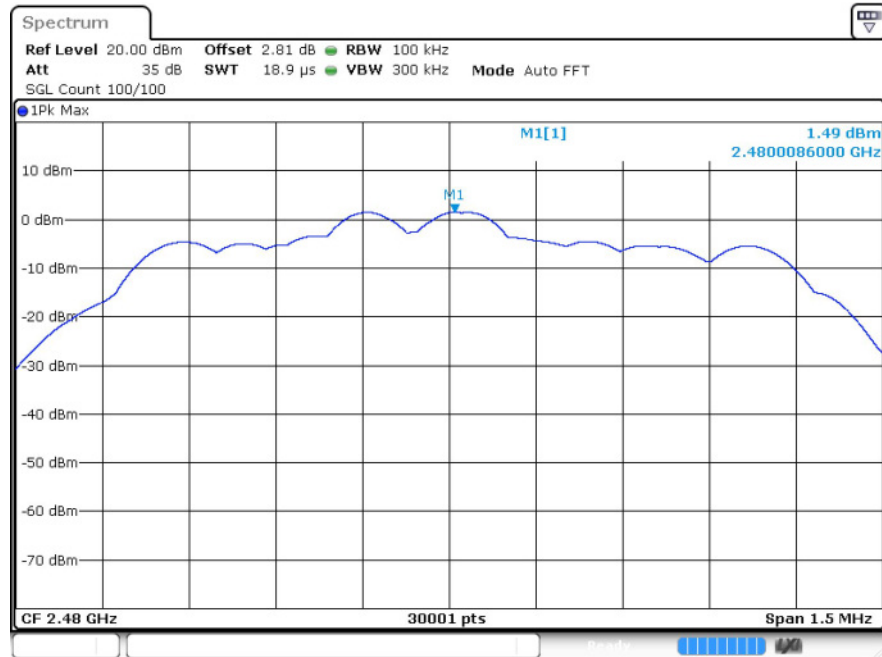


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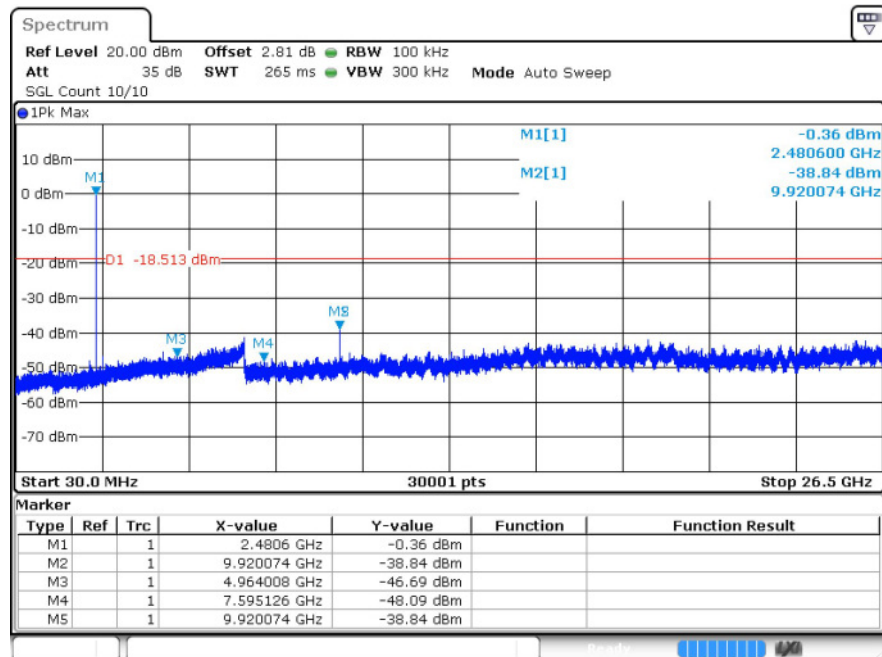


8DPSK_HCH_Graphs

Pref



Puw



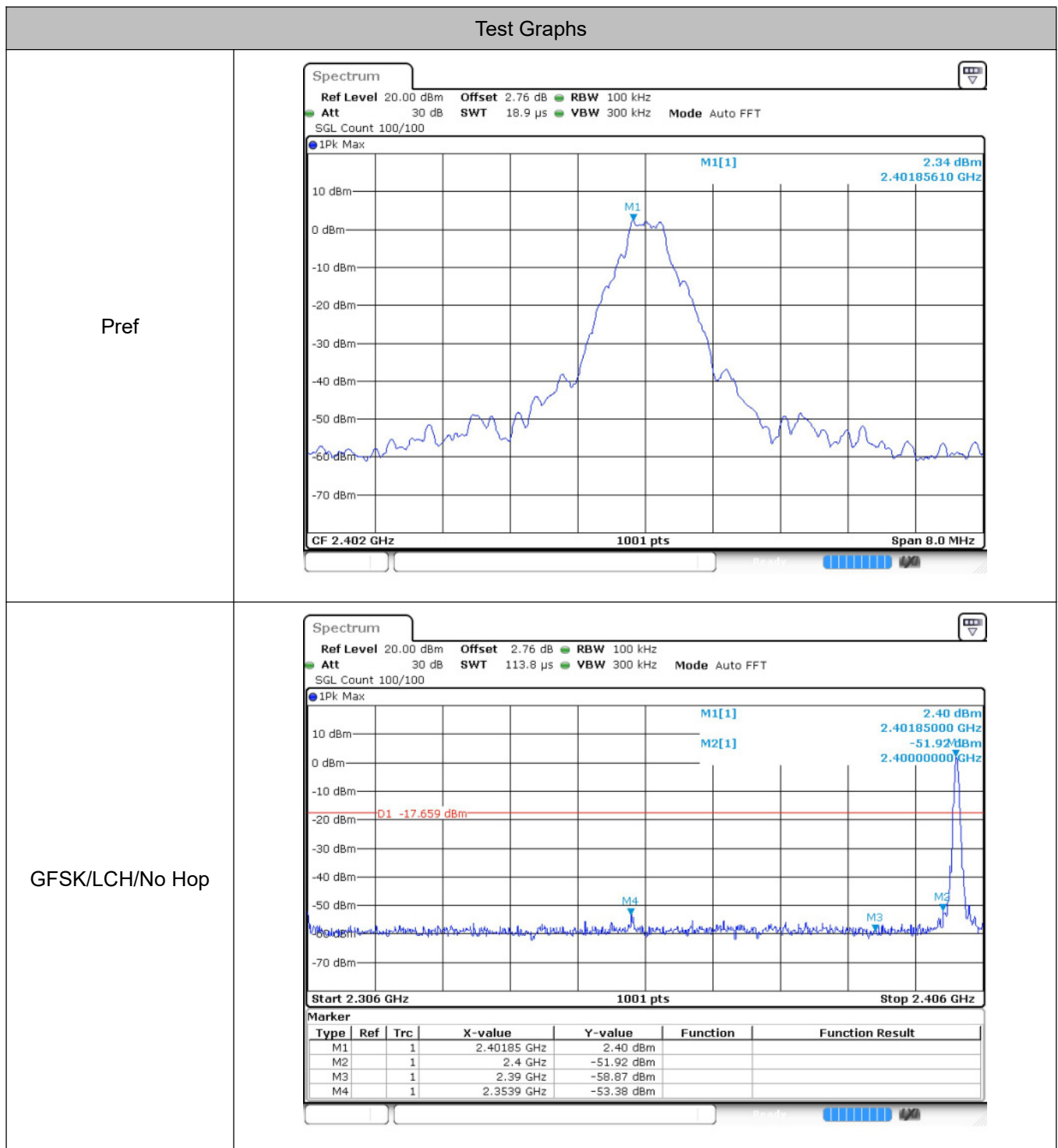
8 Band-edge for RF Conducted Emissions

8.1 Test Result

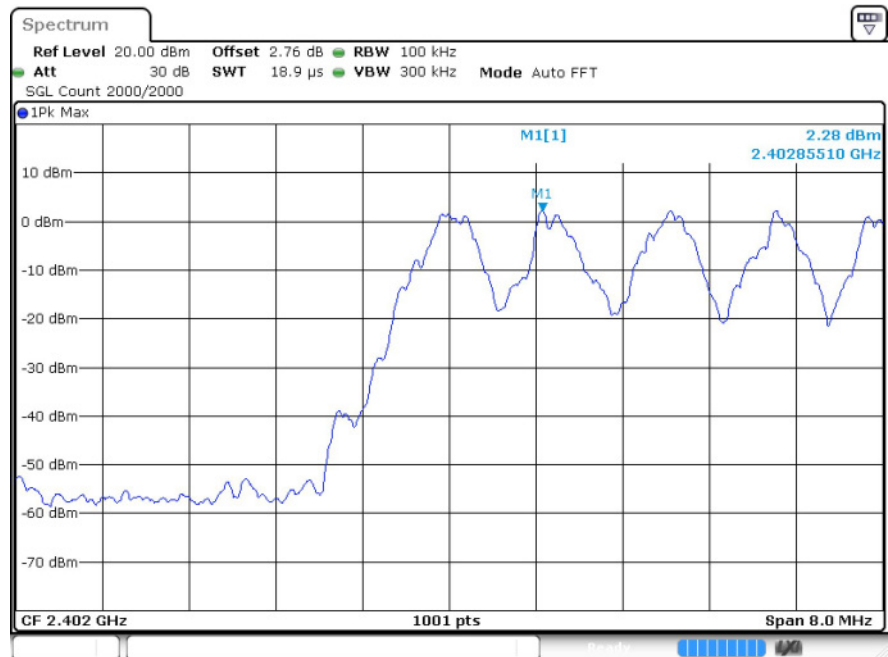
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-55.72	-20	Pass
			On	-50.76	-20	Pass
	HCH	2480	Off	-57.17	-20	Pass
			On	-51.33	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-57.34	-20	Pass
			On	-50.94	-20	Pass
	HCH	2480	Off	-56.69	-20	Pass
			On	-52.73	-20	Pass
8DPSK	LCH	2402	Off	-55.4	-20	Pass
			On	-51.11	-20	Pass
	HCH	2480	Off	-57.72	-20	Pass
			On	-51.05	-20	Pass

Note: Left and right ear have been tested and the only shows the worst case mode.

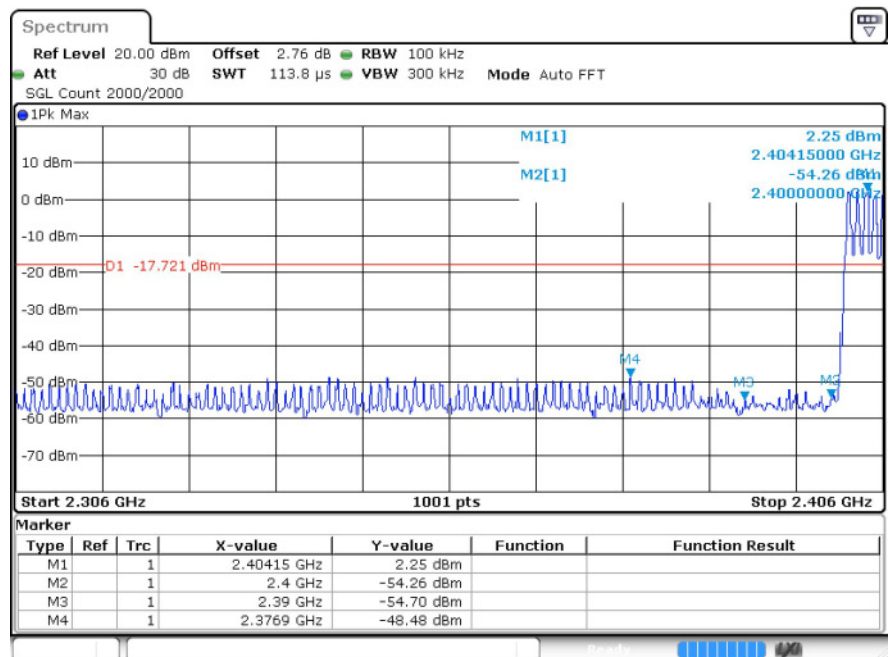
8.2 Test Graphs



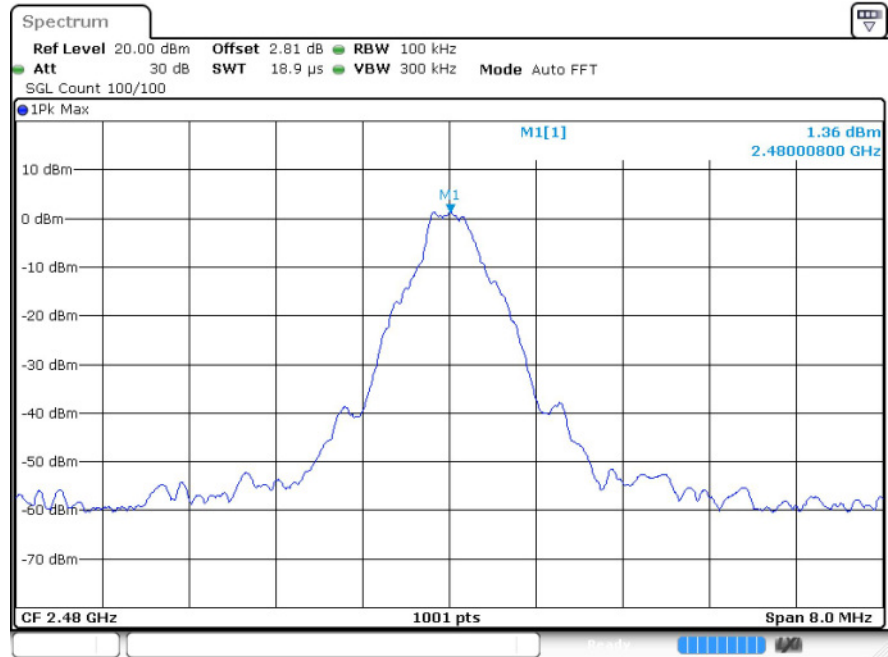
Ref



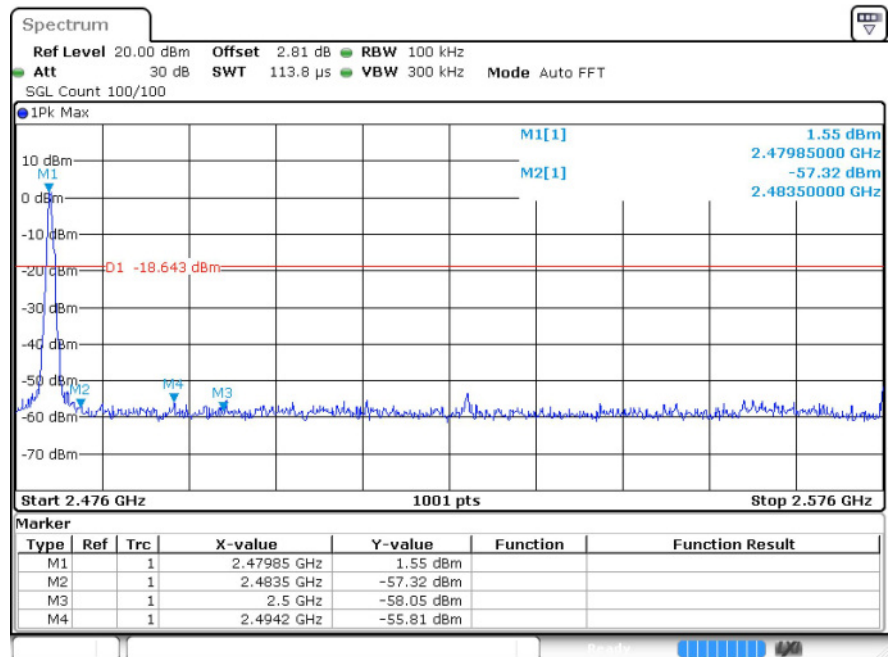
GFSK/LCH/Hop



Ref



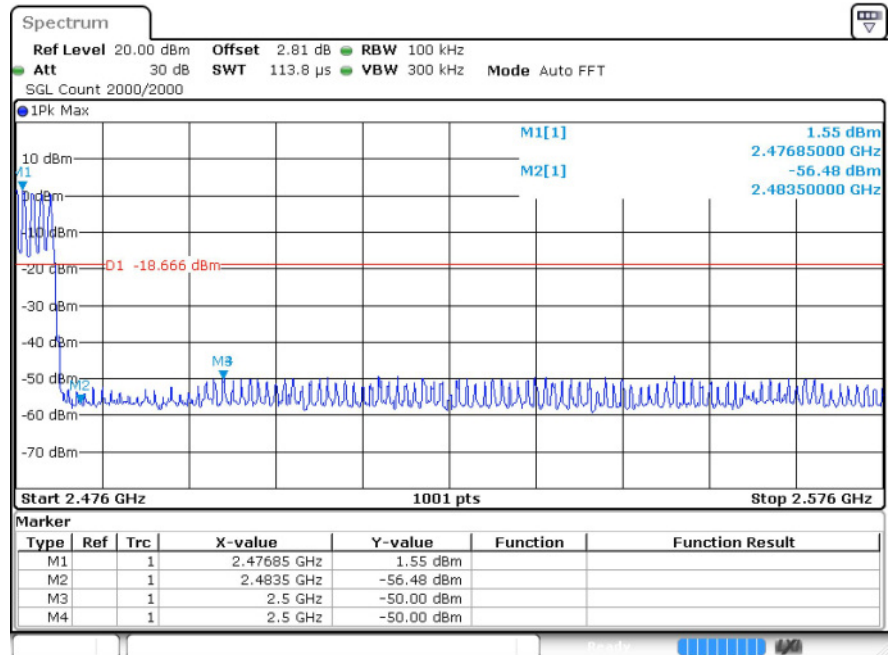
GFSK/HCH/No Hop



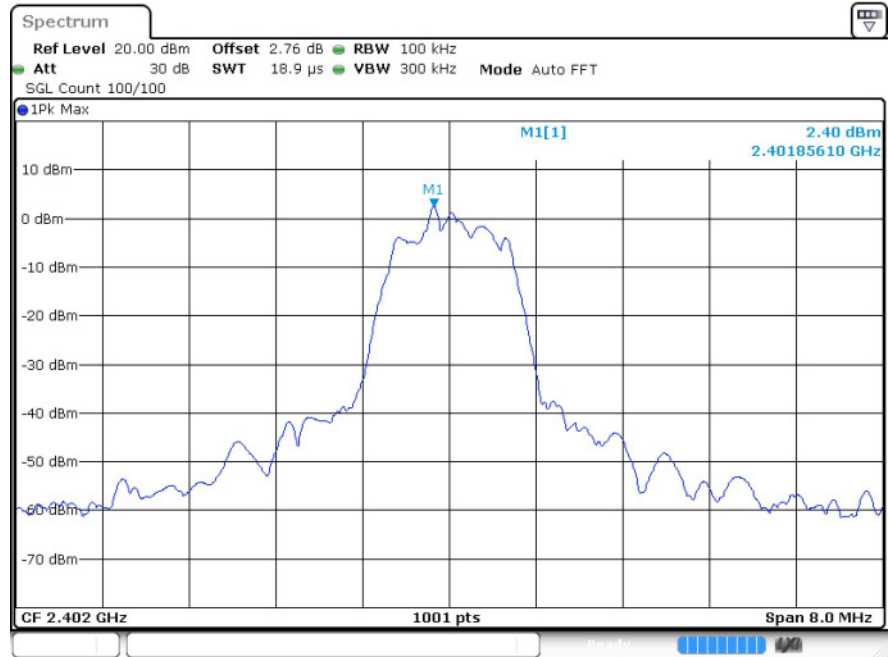
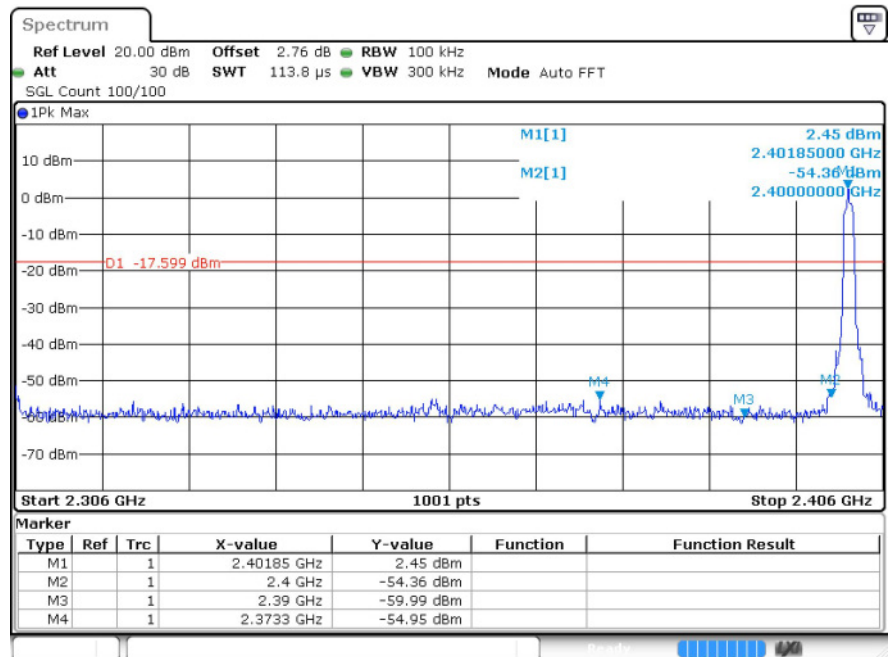
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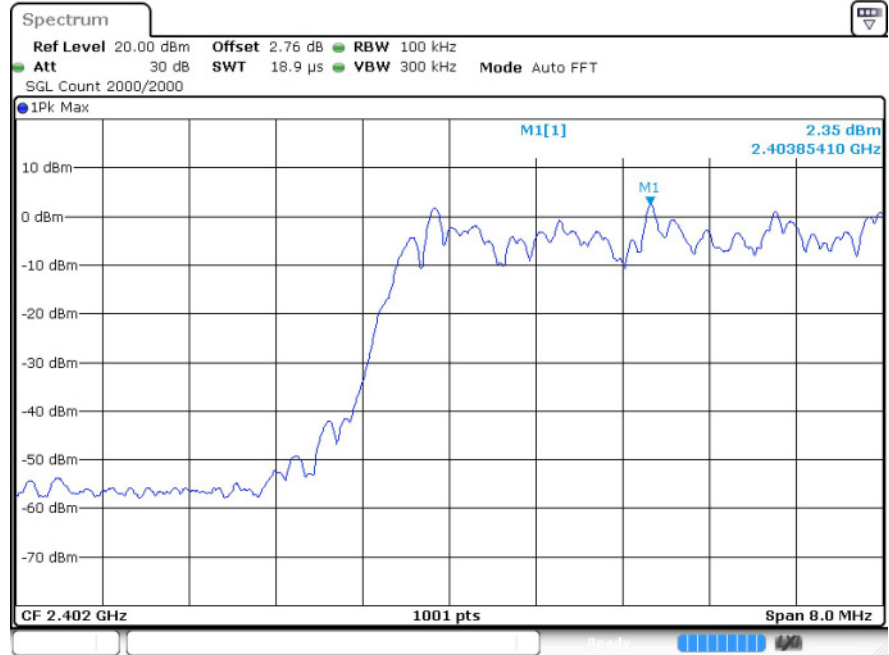
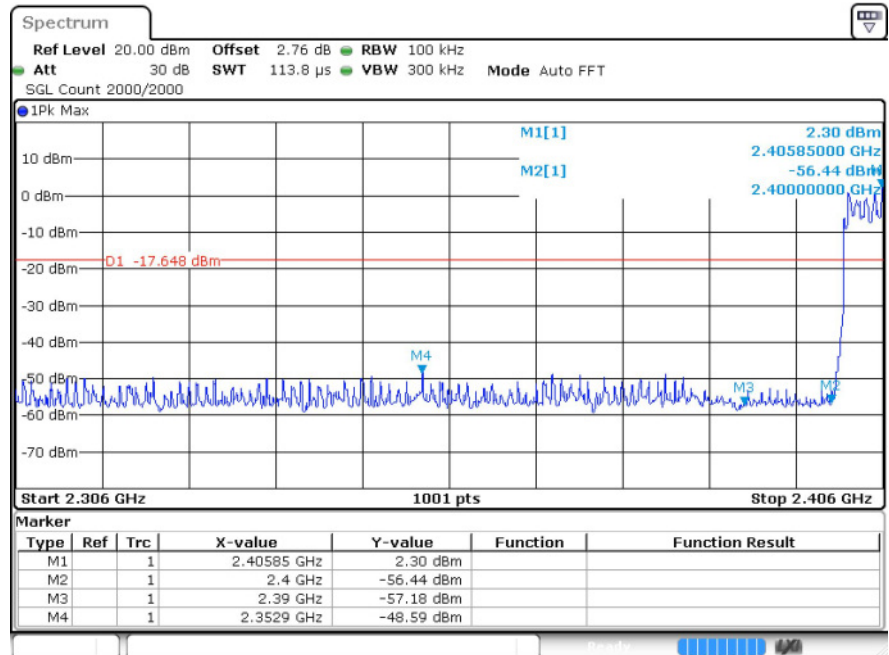
GFSK/HCH/Hop



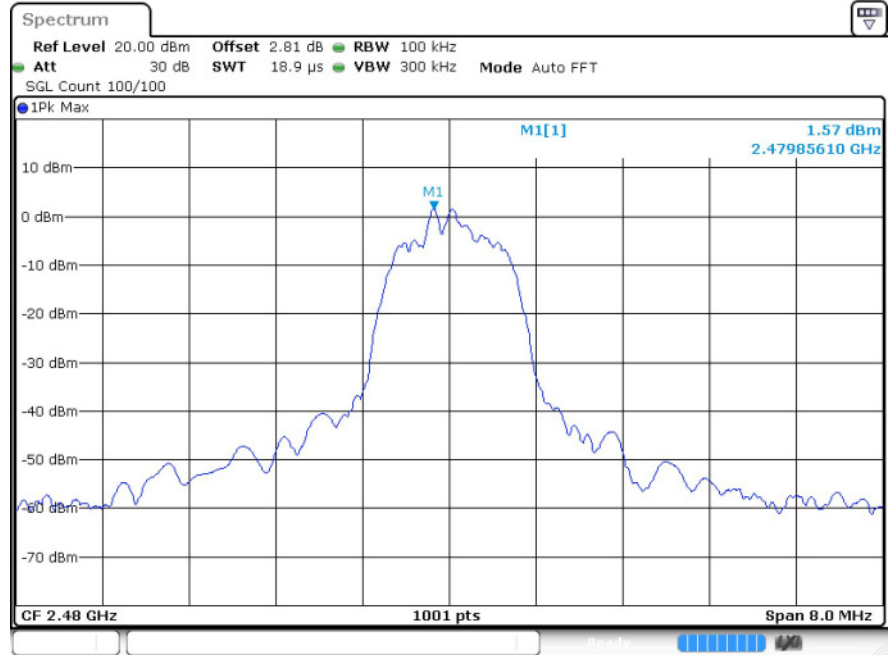
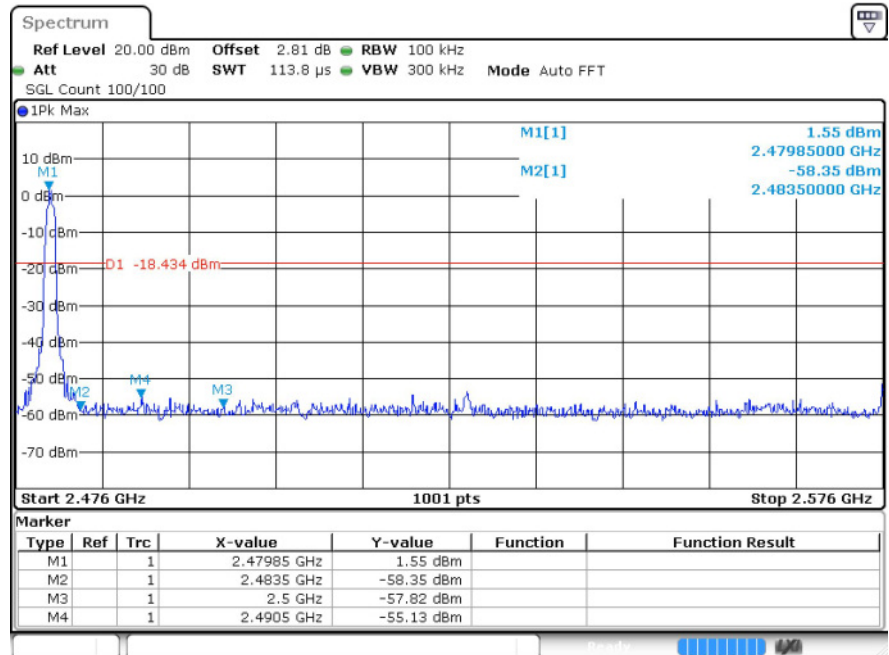
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 $\pi/4$ DQPSK/LCH/No Hop


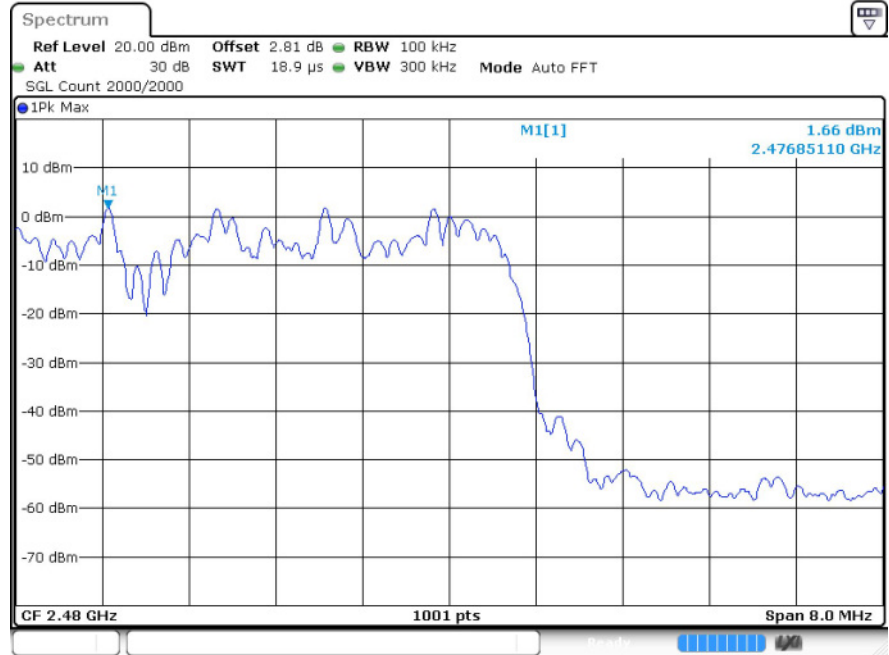
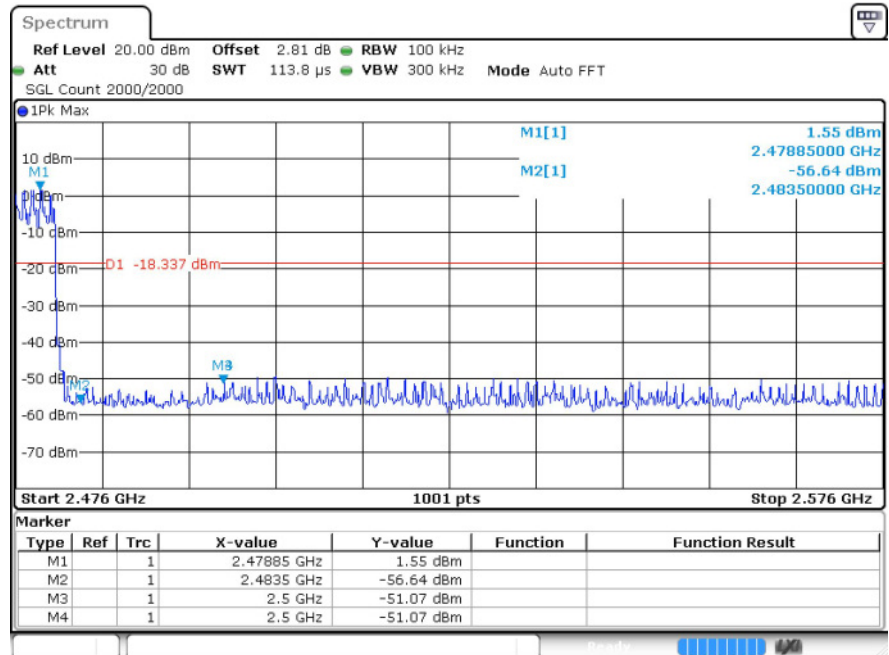
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 $\pi/4$ DQPSK/LCH/Hop


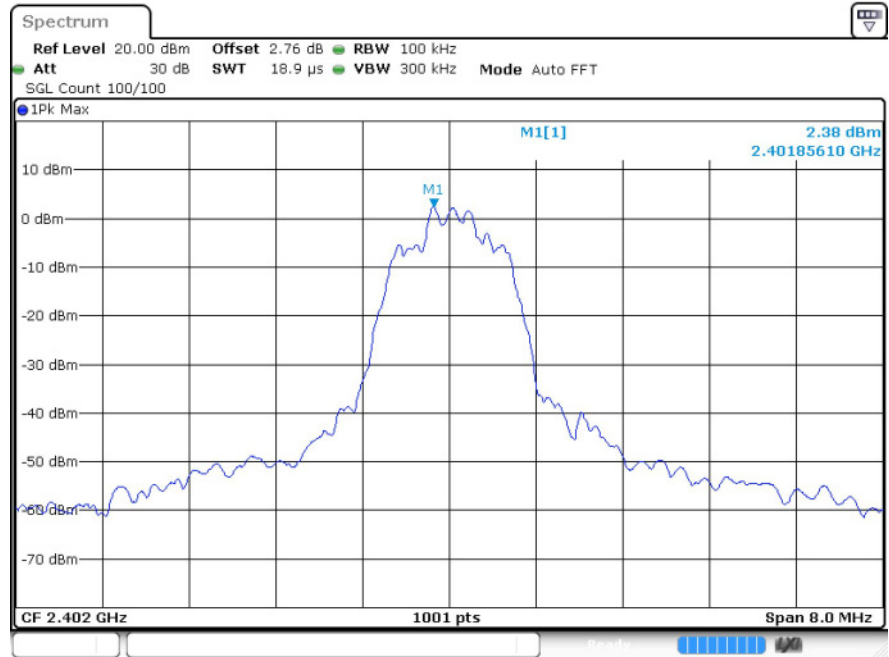
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 $\pi/4$ DQPSK/HCH/No Hop


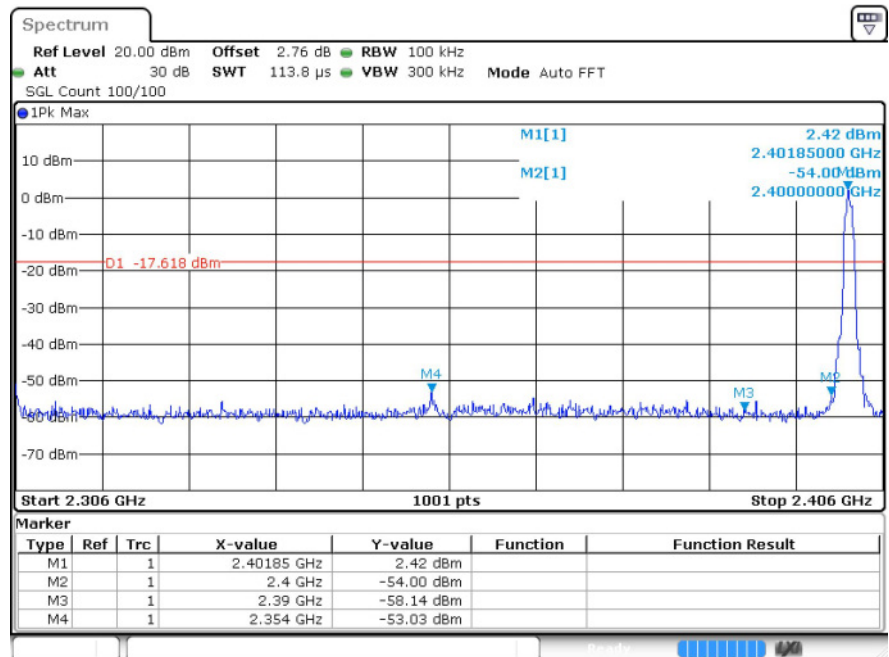
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 $\pi/4$ DQPSK/HCH/Hop


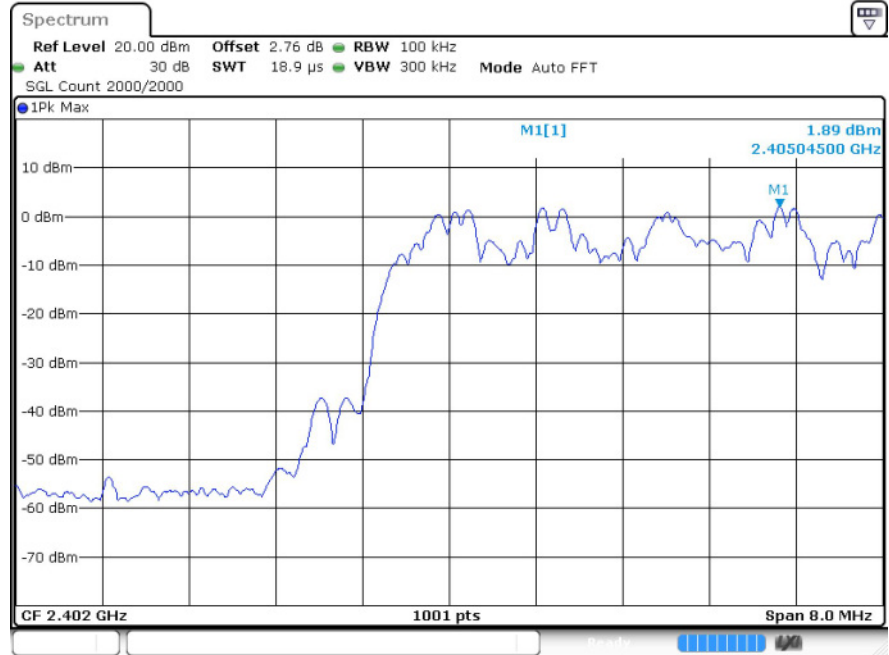
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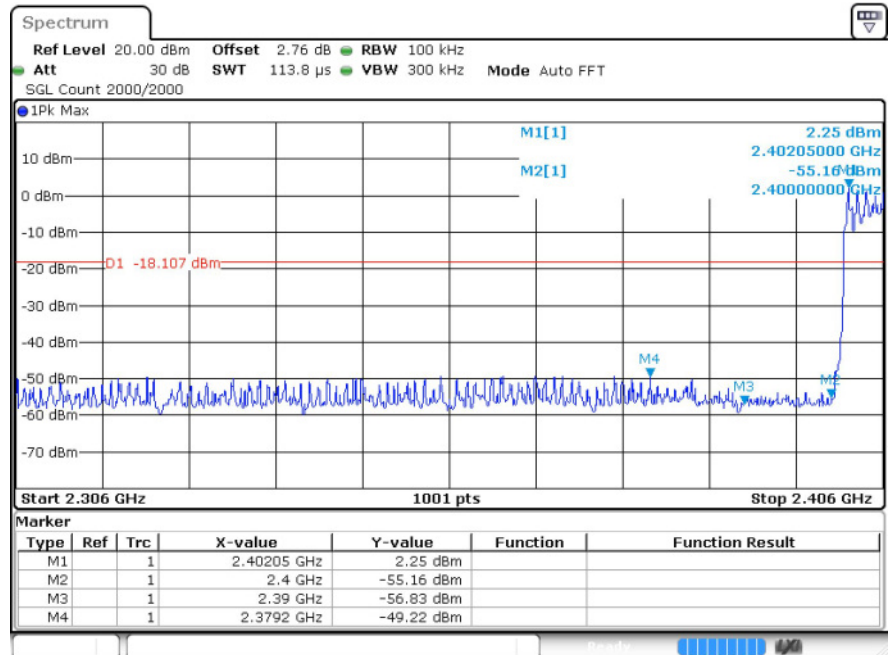
8DPSK/LCH/No Hop



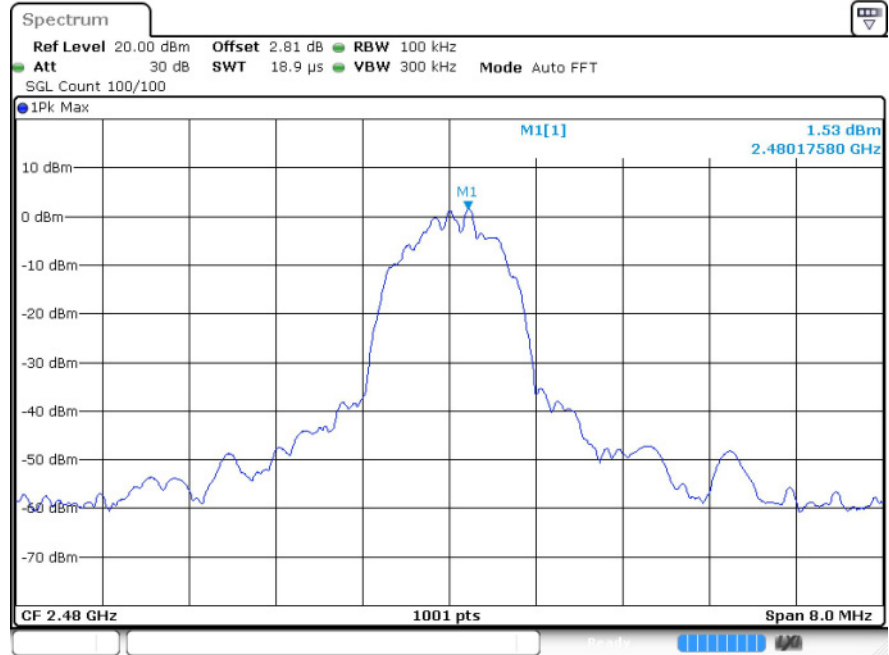
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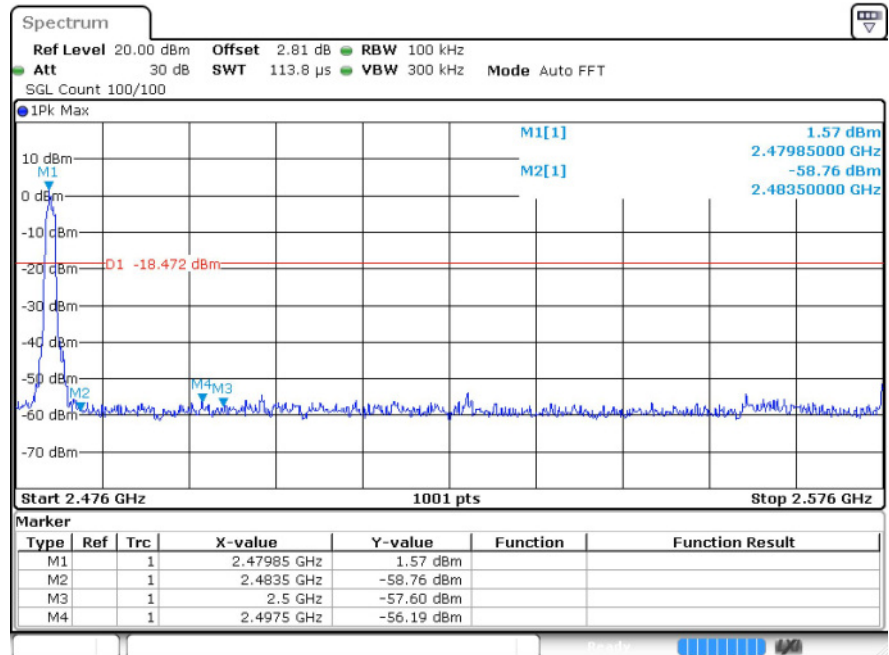
8DPSK/LCH/Hop



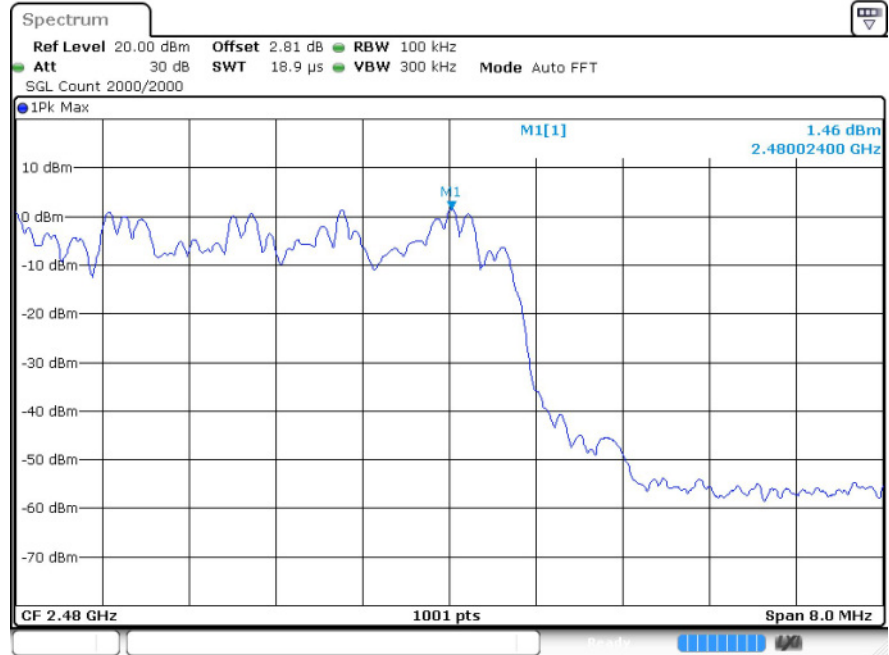
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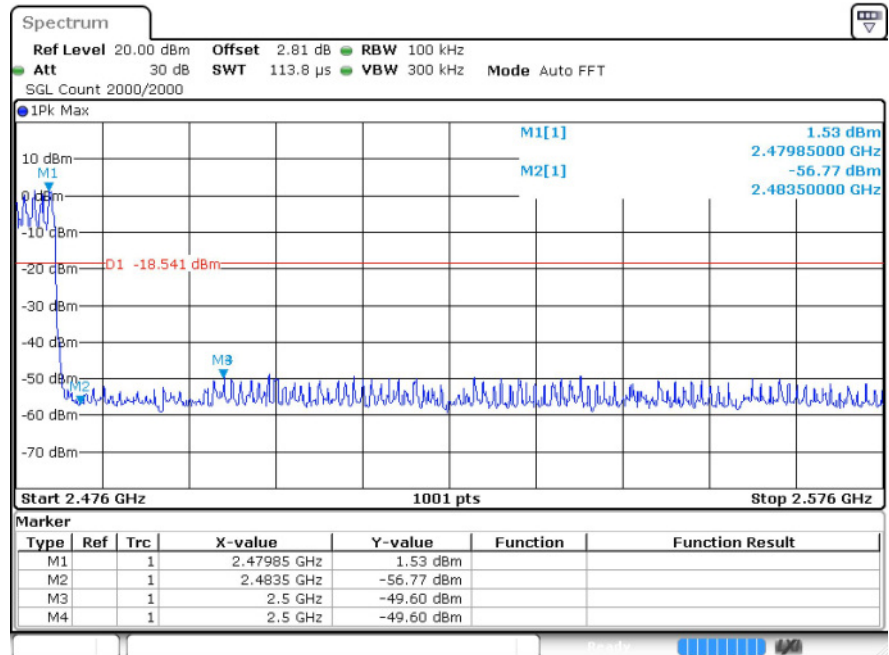
8DPSK/HCH/No Hop



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	-49.14	4.48	-	50.6	PEAK	74	Pass
	Off	2310.0	-56.58	4.48	4.95	48.11	AV	54	Pass
	Off	2346	-46.05	4.48	-	53.69	PEAK	74	Pass
	Off	2342.352	-54.61	4.48	4.95	50.08	AV	54	Pass
	Off	2390.0	-49.58	4.48	-	50.16	PEAK	74	Pass
	Off	2390.0	-55.99	4.48	4.95	48.7	AV	54	Pass
	Off	2483.5	-49.31	4.48	-	50.43	PEAK	74	Pass
	Off	2483.5	-56.06	4.48	4.95	48.63	AV	54	Pass
	Off	2484.088	-46.98	4.48	-	52.76	PEAK	74	Pass
	Off	2487.016	-55.4	4.48	4.95	49.29	AV	54	Pass
	Off	2500.0	-48.87	4.48	-	50.87	PEAK	74	Pass
	Off	2500.0	-56.26	4.48	4.95	48.43	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-47.2	4.48	-	52.54	PEAK	74	Pass
	Off	2310.0	-56.48	4.48	4.84	48.1	AV	54	Pass
	Off	2326.32	-45.1	4.48	-	54.64	PEAK	74	Pass
	Off	2338.512	-54.35	4.48	4.84	50.23	AV	54	Pass
	Off	2390.0	-50.19	4.48	-	49.55	PEAK	74	Pass
	Off	2390.0	-56.06	4.48	4.84	48.52	AV	54	Pass
	Off	2483.5	-49.24	4.48	-	50.5	PEAK	74	Pass
	Off	2483.5	-55.64	4.48	4.84	48.94	AV	54	Pass
	Off	2499.64	-46.98	4.48	-	52.76	PEAK	74	Pass
	Off	2499.592	-55.62	4.48	4.84	48.96	AV	54	Pass
	Off	2500.0	-47.99	4.48	-	51.75	PEAK	74	Pass
	Off	2500.0	-55.84	4.48	4.84	48.74	AV	54	Pass
8DPSK	Off	2310.0	-47.35	4.48	-	52.39	PEAK	74	Pass
	Off	2310.0	-56.97	4.48	4.95	47.72	AV	54	Pass
	Off	2338.416	-46.92	4.48	-	52.82	PEAK	74	Pass
	Off	2339.664	-55.15	4.48	4.95	49.54	AV	54	Pass

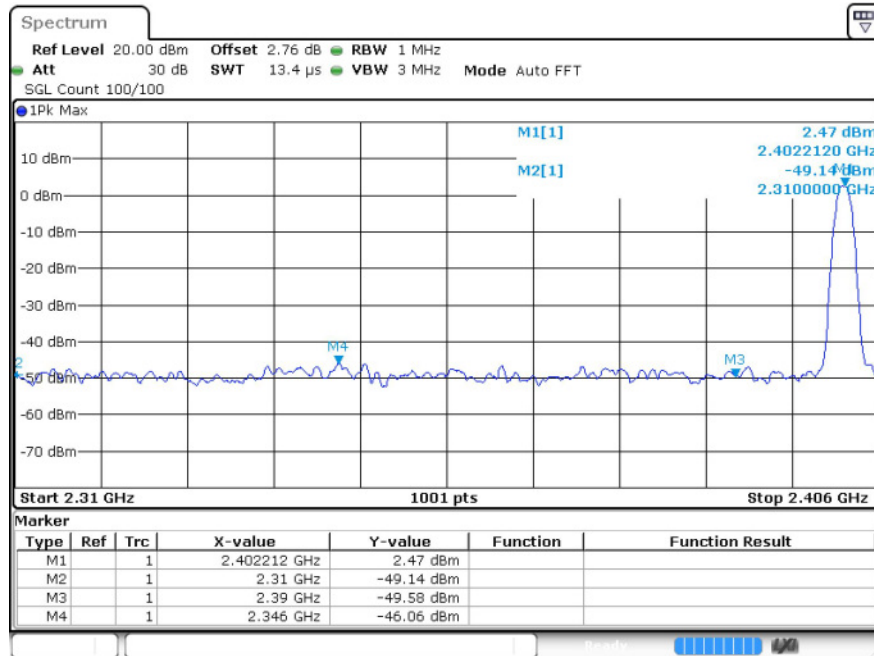


Off	2390.0	-50.4	4.48	-	49.34	PEAK	74	Pass
Off	2390.0	-57.48	4.48	4.95	47.21	AV	54	Pass
Off	2483.5	-48.12	4.48	-	51.62	PEAK	74	Pass
Off	2483.5	-53.85	4.48	4.95	50.84	AV	54	Pass
Off	2487.016	-47.16	4.48	-	52.58	PEAK	74	Pass
Off	2483.512	-53.91	4.48	4.95	50.78	AV	54	Pass
Off	2500.0	-50.26	4.48	-	49.48	PEAK	74	Pass
Off	2500.0	-55.41	4.48	4.95	49.28	AV	54	Pass

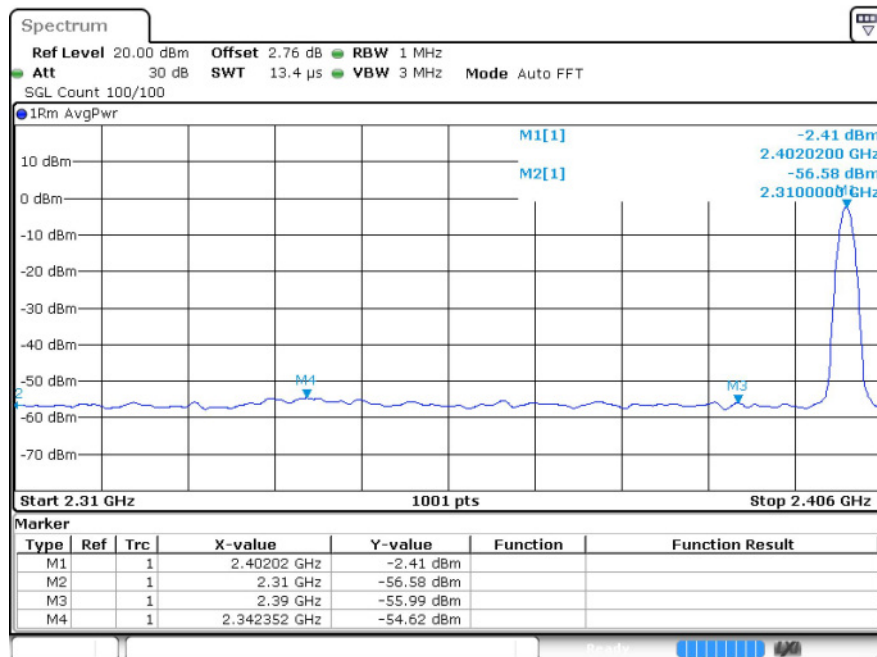
Note: Left and right ear have been tested and the only shows the worst case mode.

9.2 Test Graphs

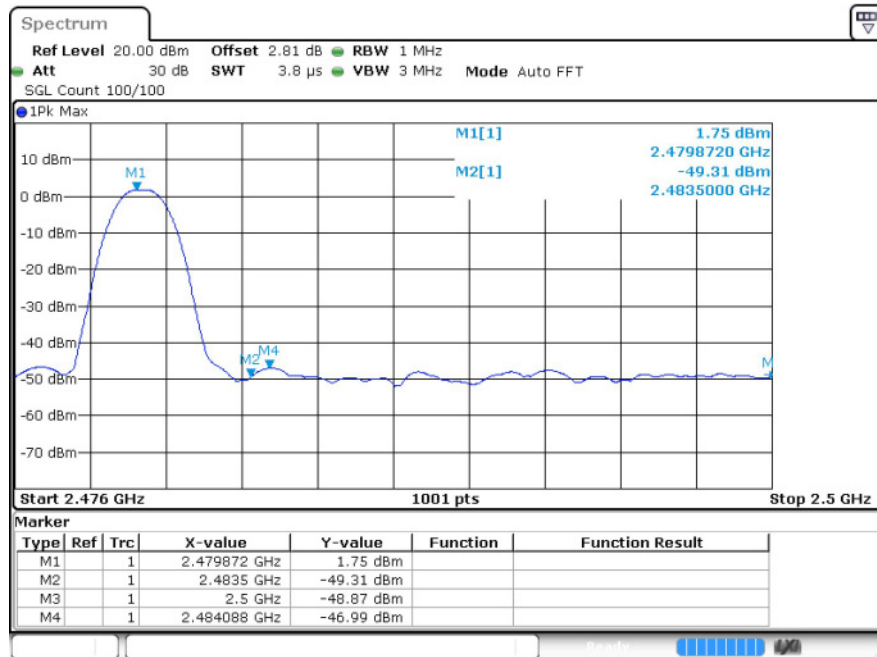
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



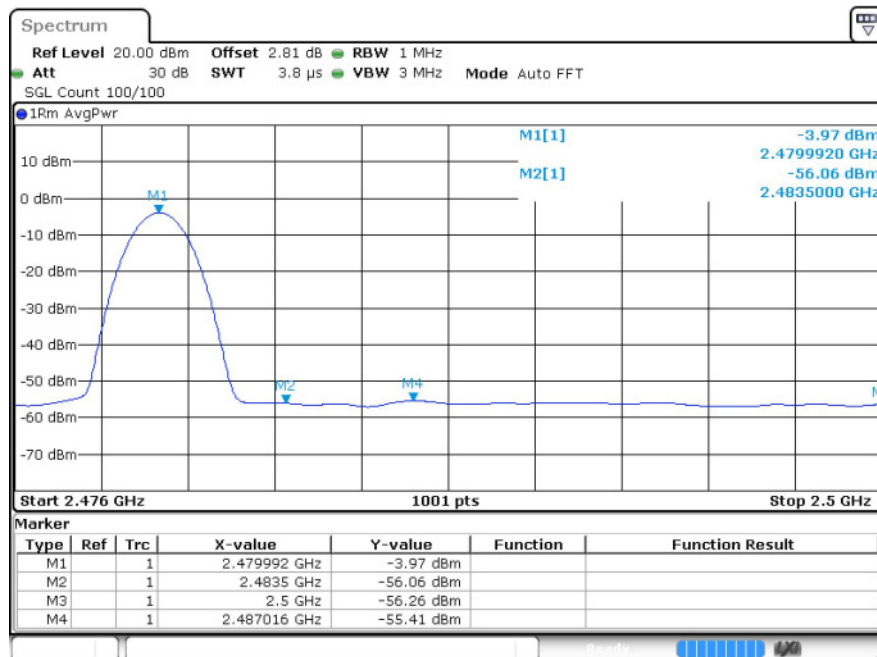
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



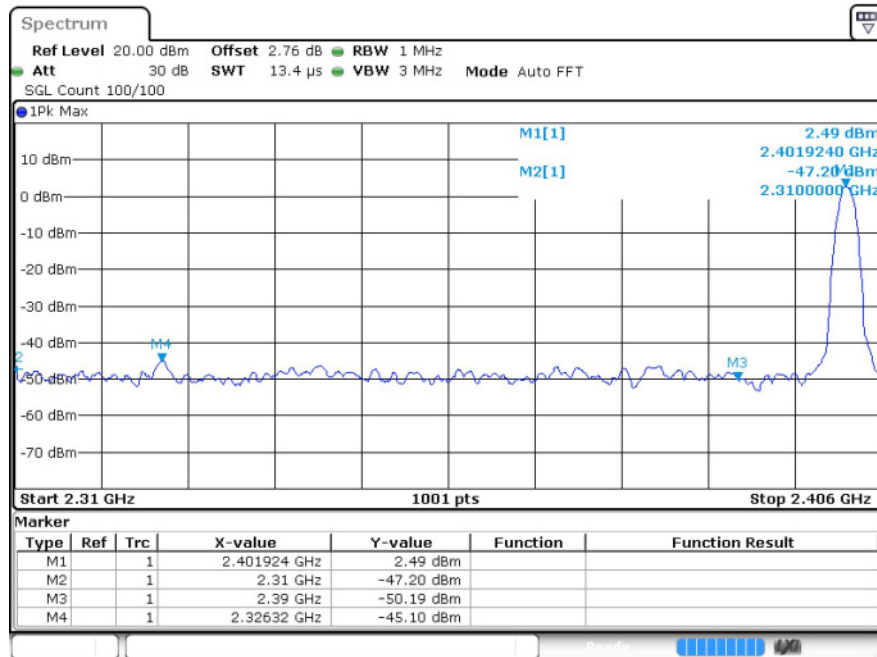
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



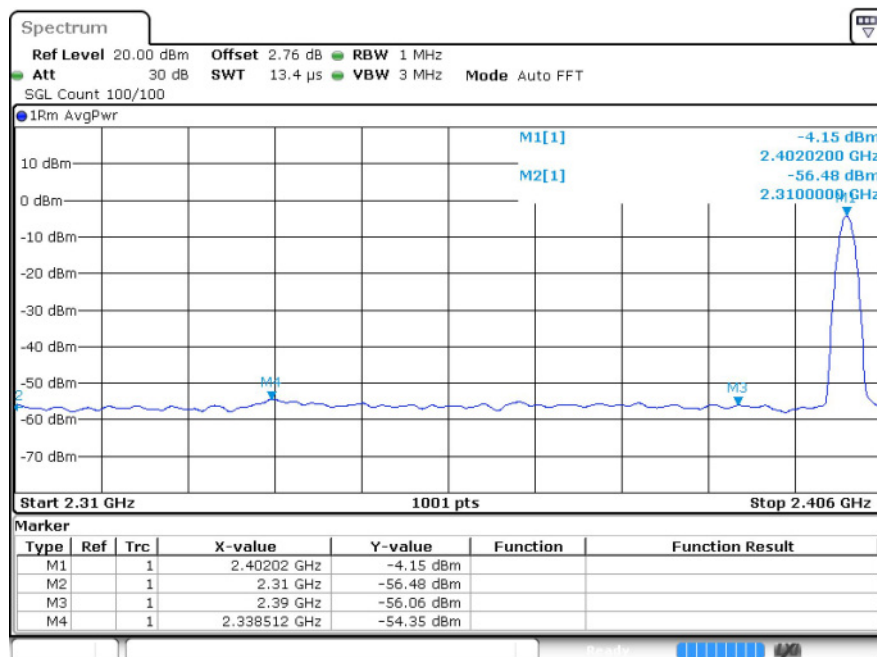
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



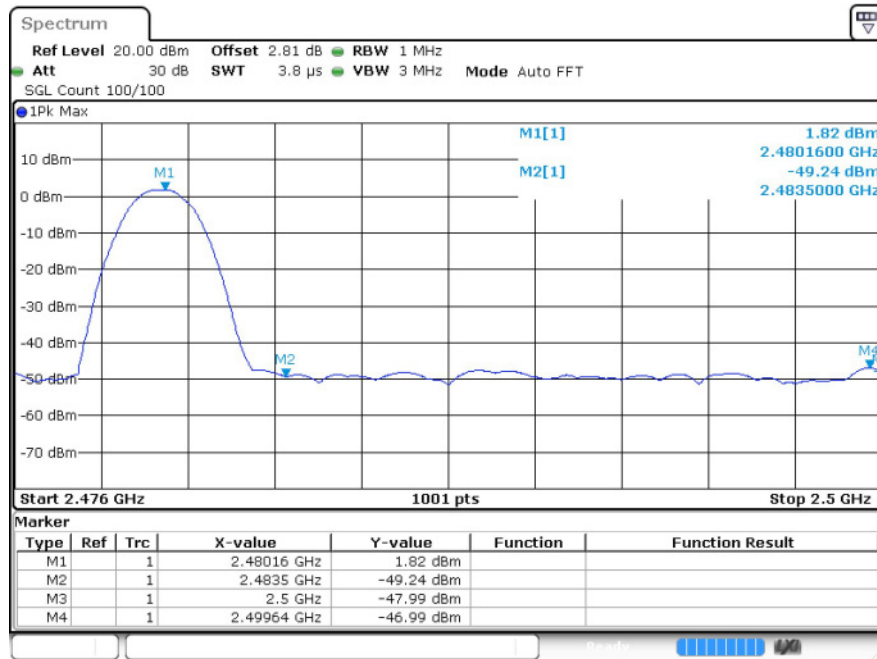
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



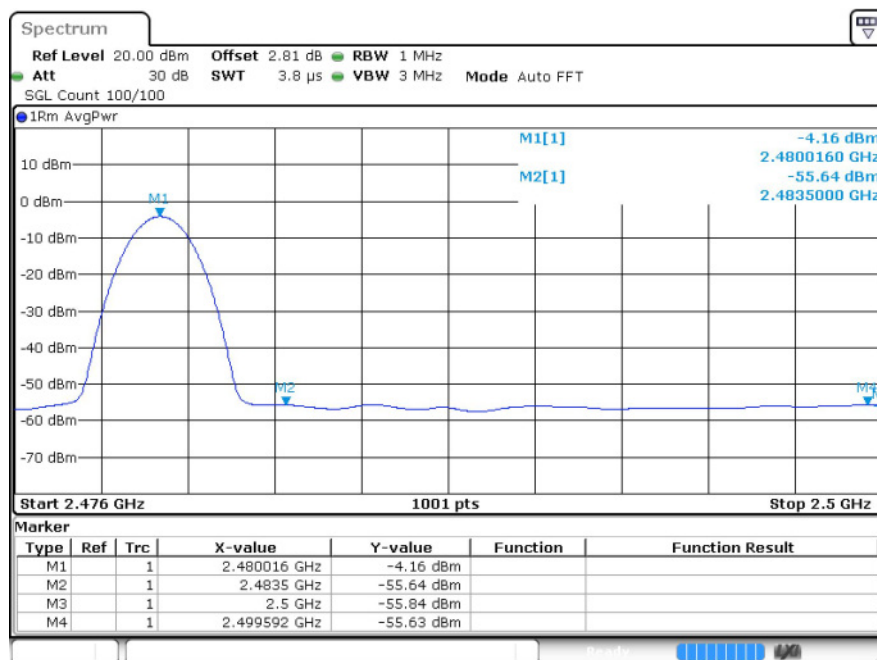
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



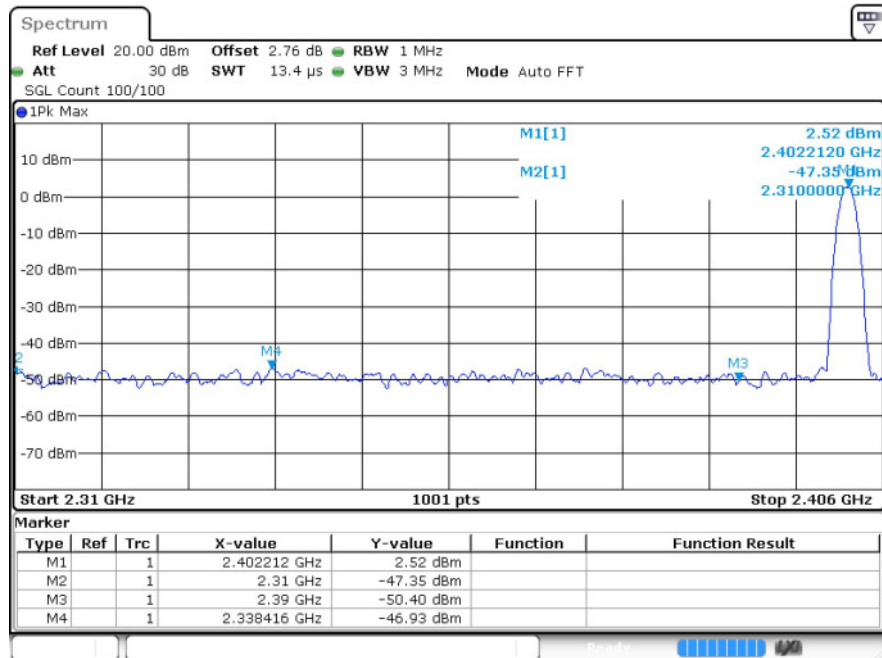
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



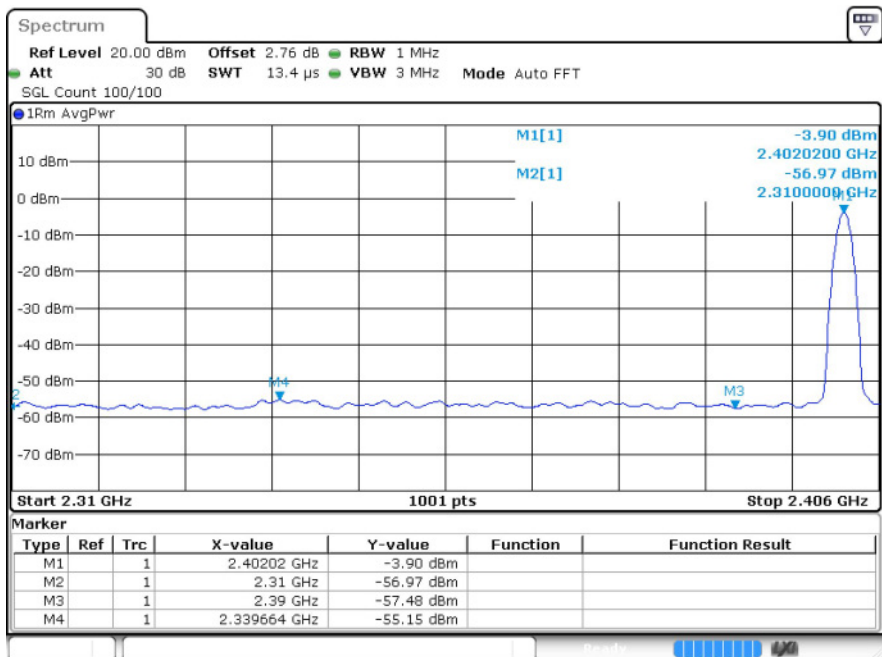
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



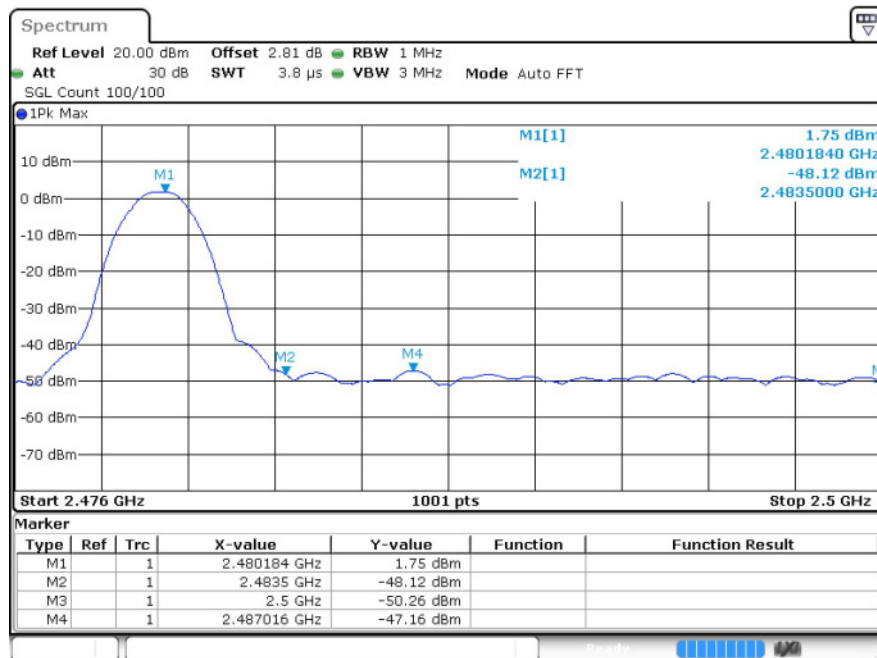
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



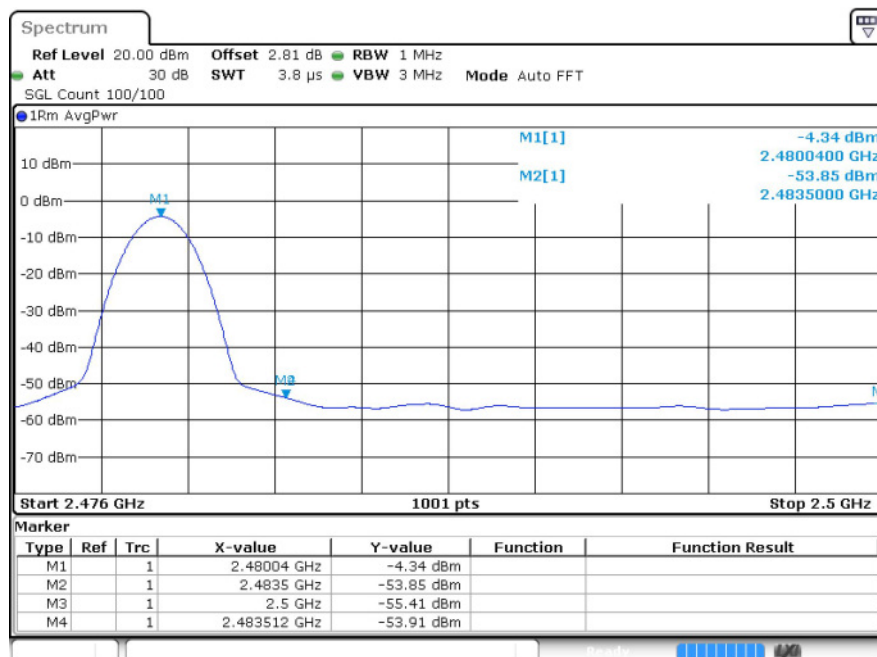
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---