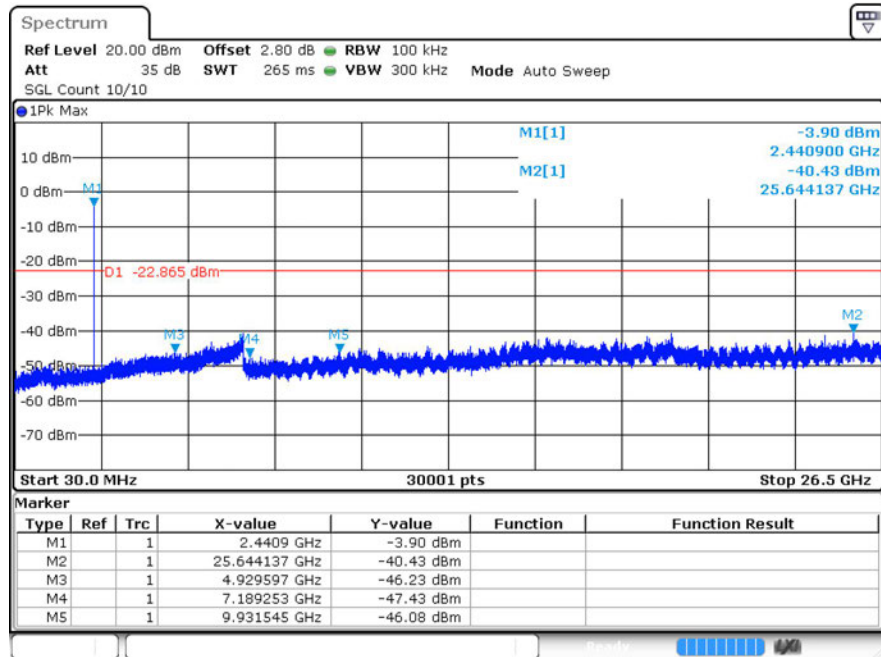


$\pi/4$ DQPSK_MCH_Graphs

Pref



Puw

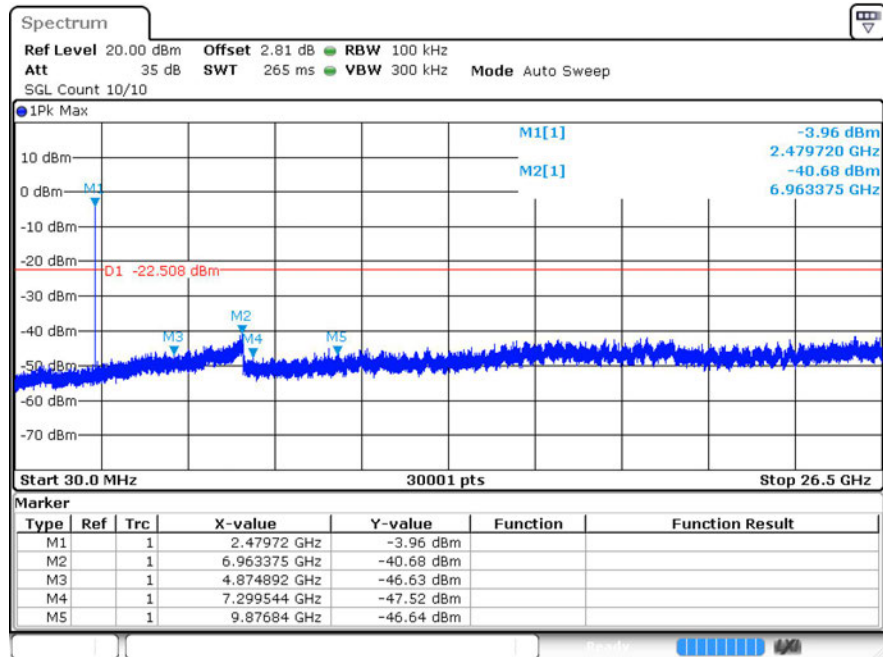


$\pi/4$ DQPSK_HCH_Graphs

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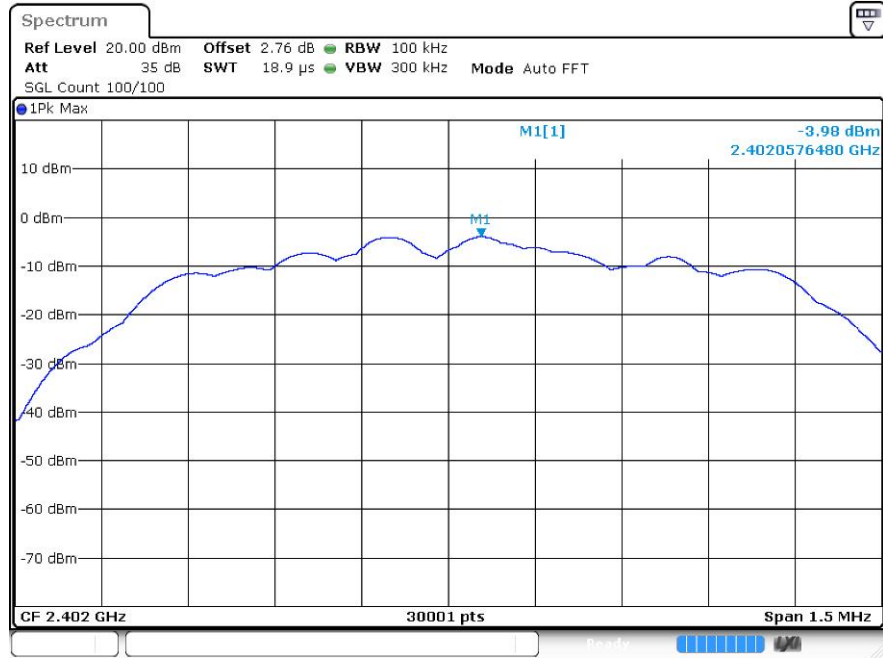


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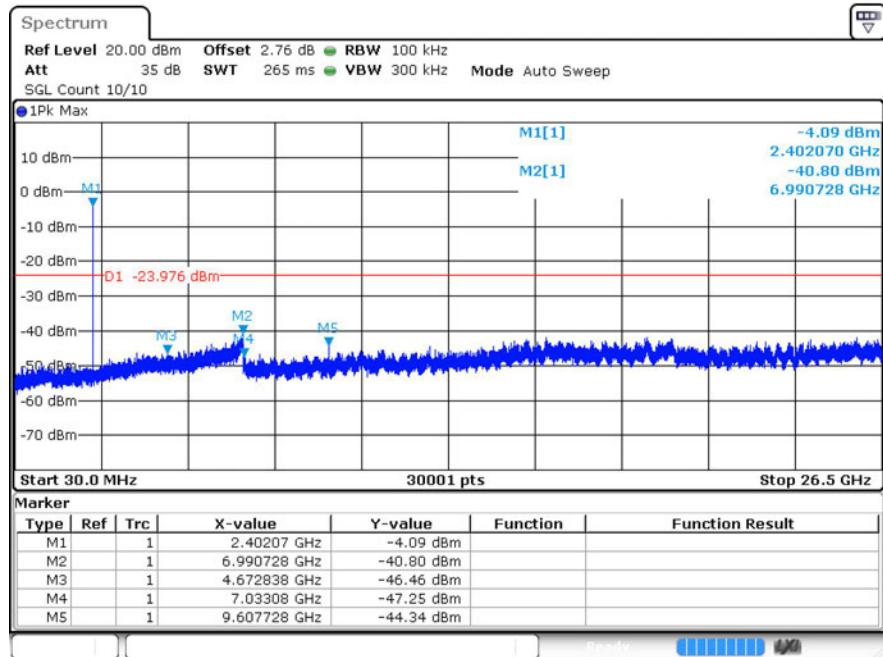


8DPSK_LCH_Graphs

Pref

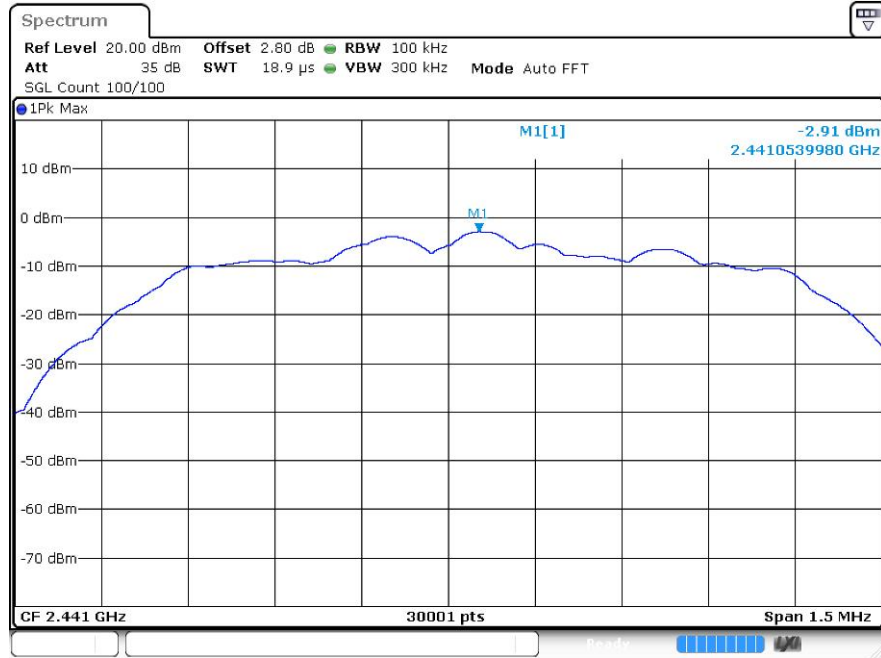


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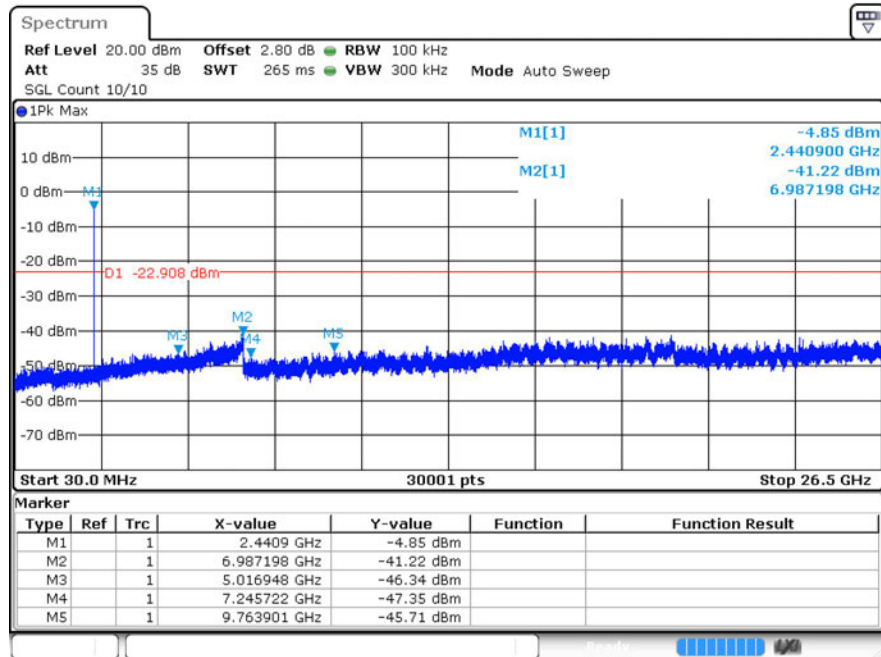


8DPSK_MCH_Graphs

Pref

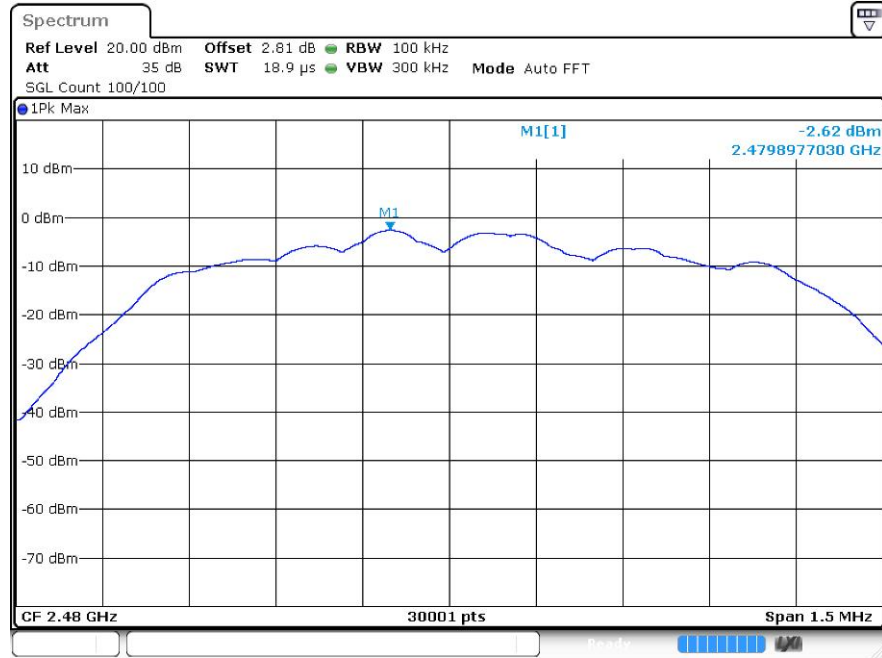


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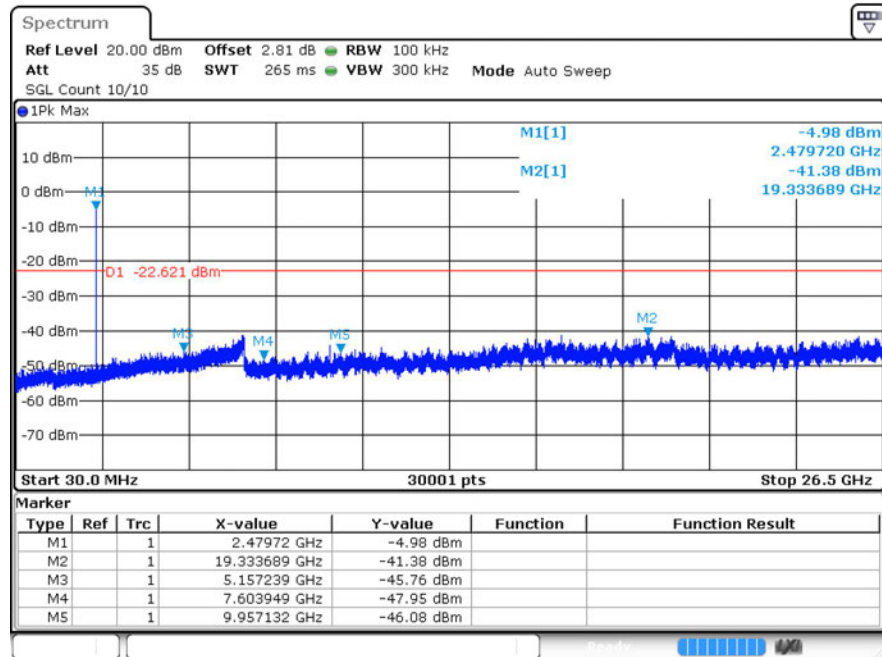


8DPSK_HCH_Graphs

Pref



Puw

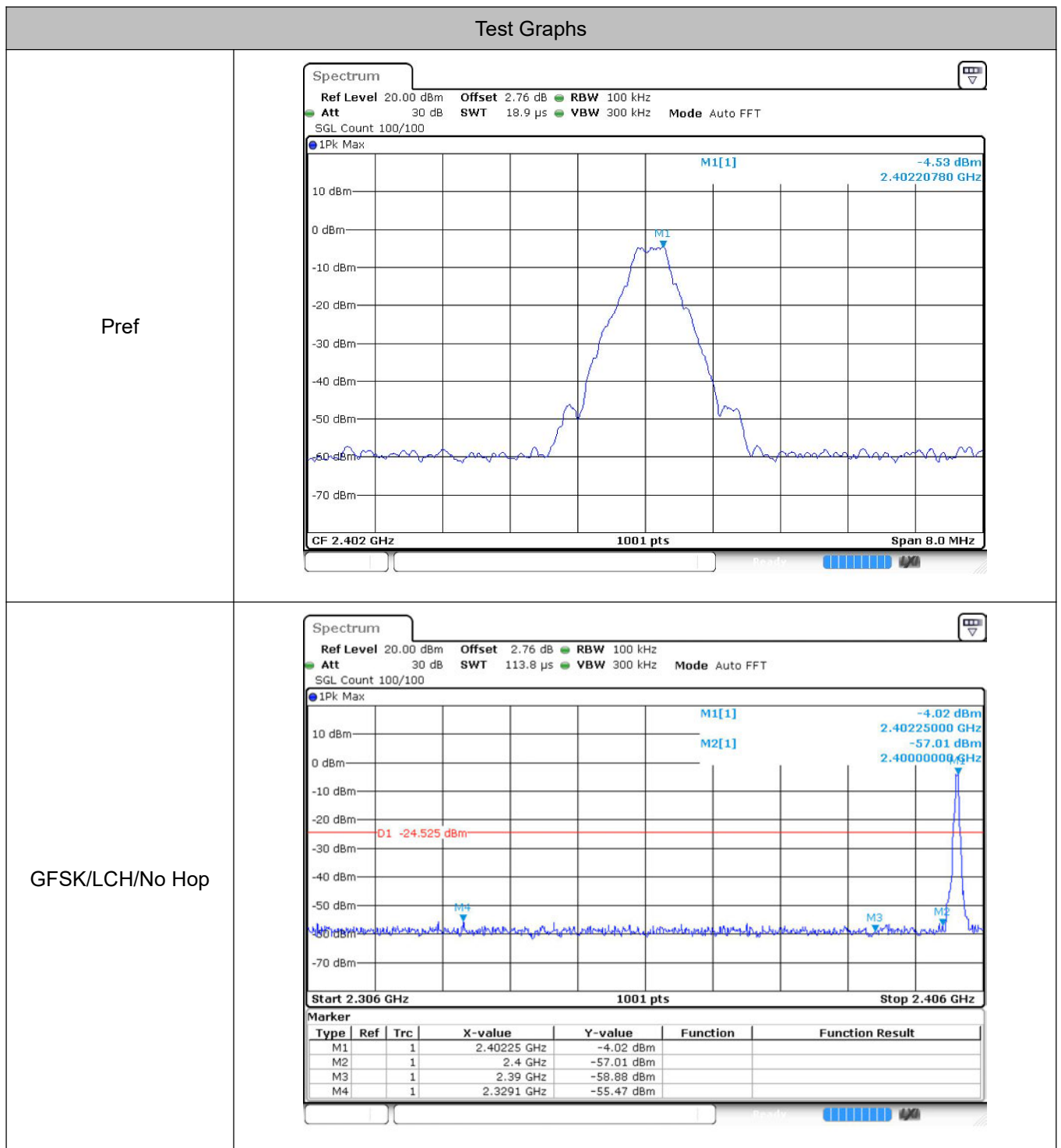


8 Band-edge for RF Conducted Emissions

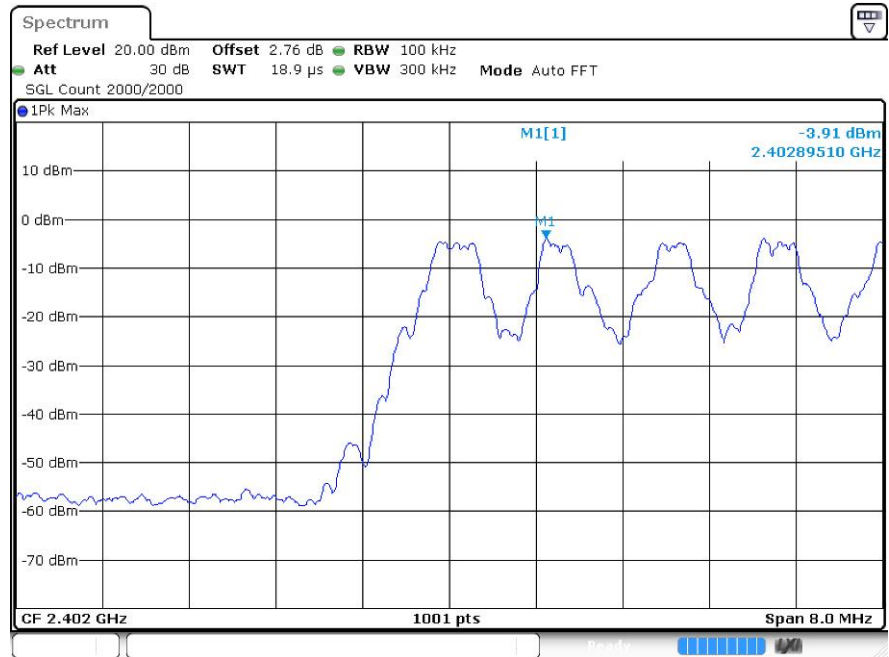
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-50.94	-20	Pass
			On	-50.23	-20	Pass
	HCH	2480	Off	-53.4	-20	Pass
			On	-52.8	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-51.29	-20	Pass
			On	-50.68	-20	Pass
	HCH	2480	Off	-53	-20	Pass
			On	-51.78	-20	Pass
8DPSK	LCH	2402	Off	-51.88	-20	Pass
			On	-50.67	-20	Pass
	HCH	2480	Off	-53.13	-20	Pass
			On	-52.51	-20	Pass

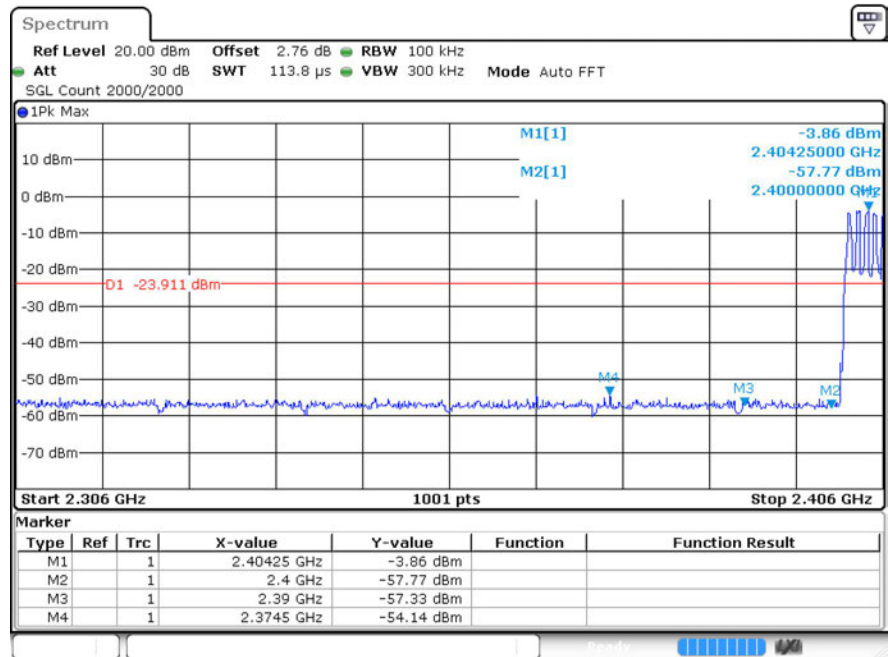
8.2 Test Graphs



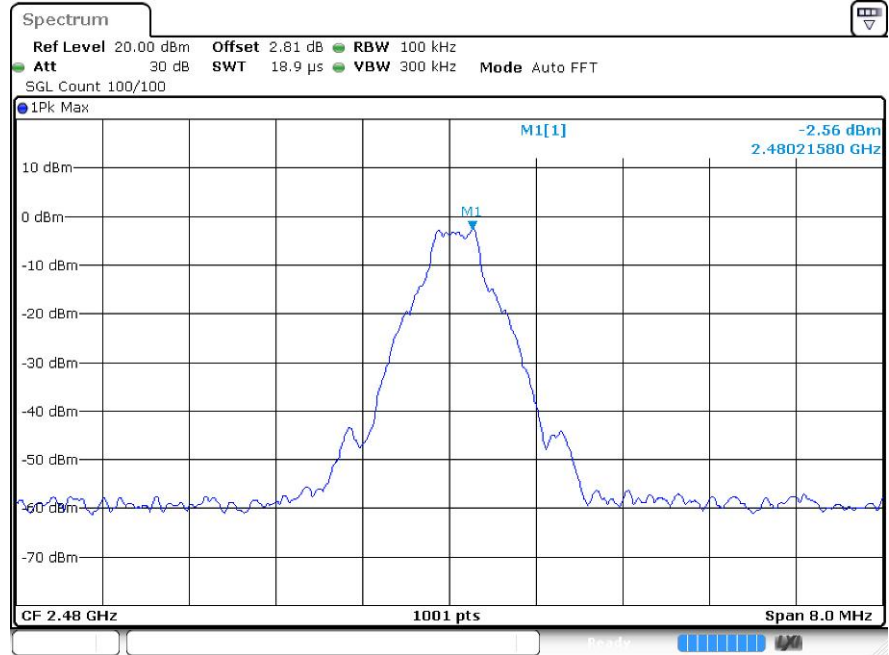
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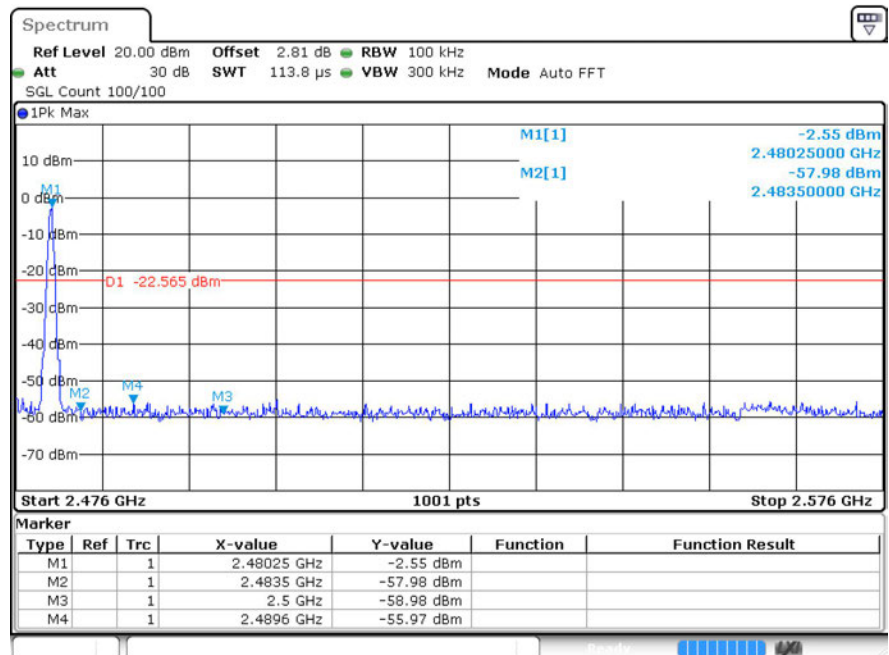
GFSK/LCH/Hop



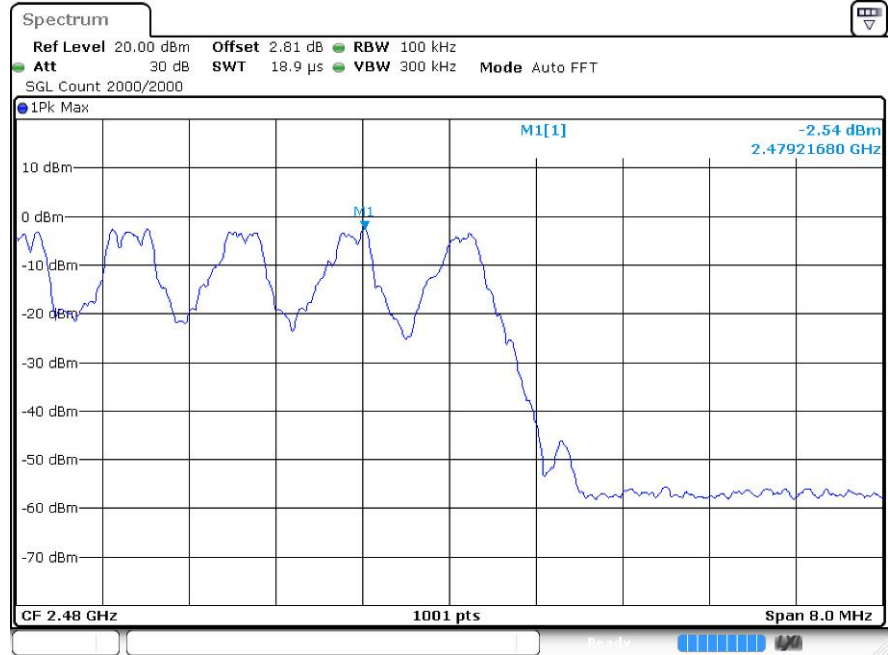
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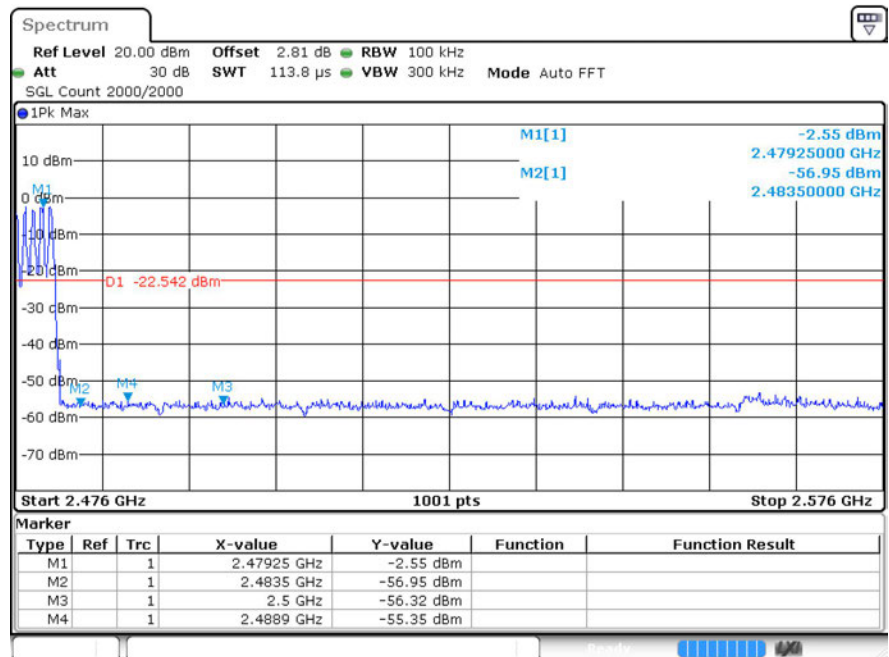
GFSK/HCH/No Hop



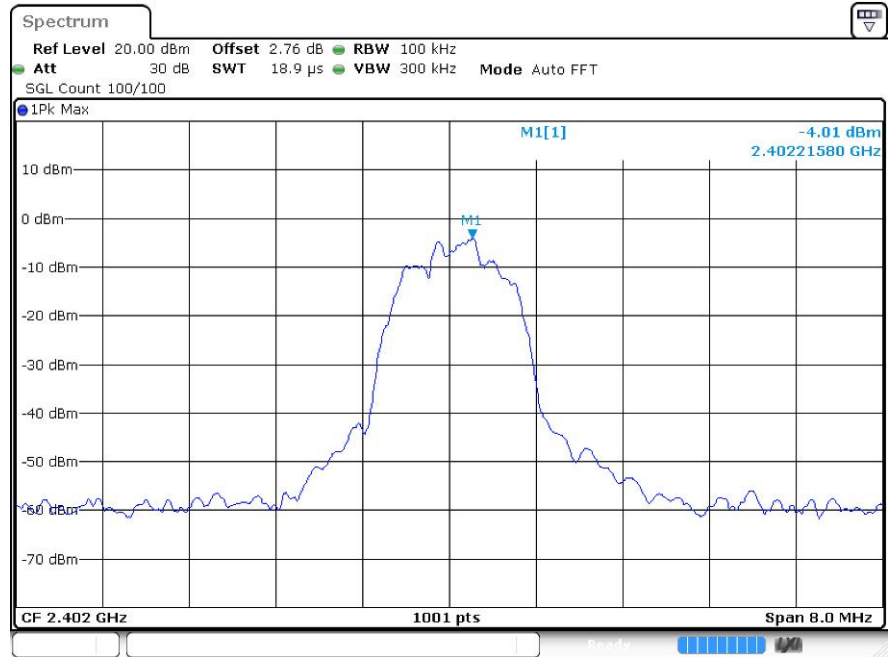
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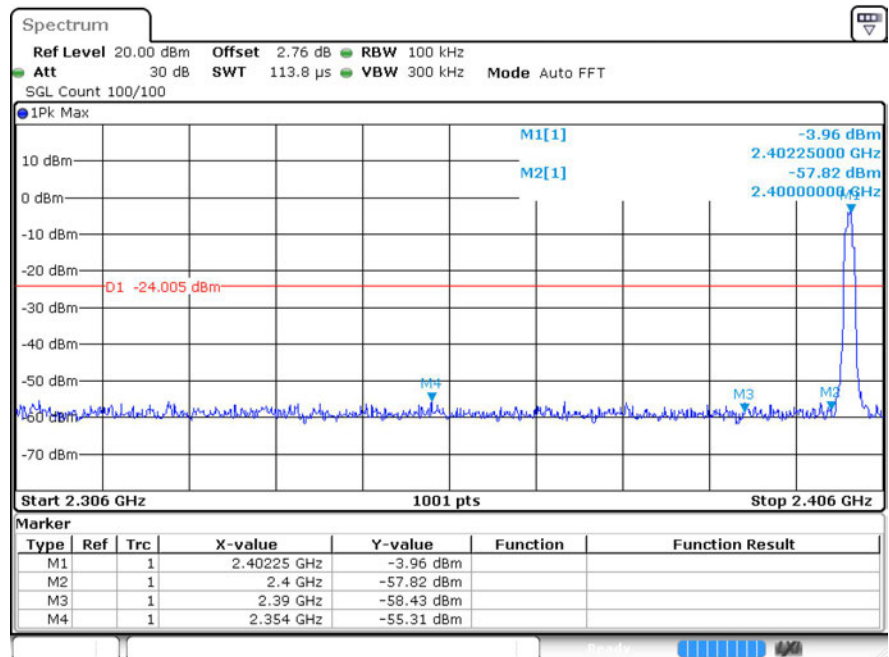
GFSK/HCH/Hop



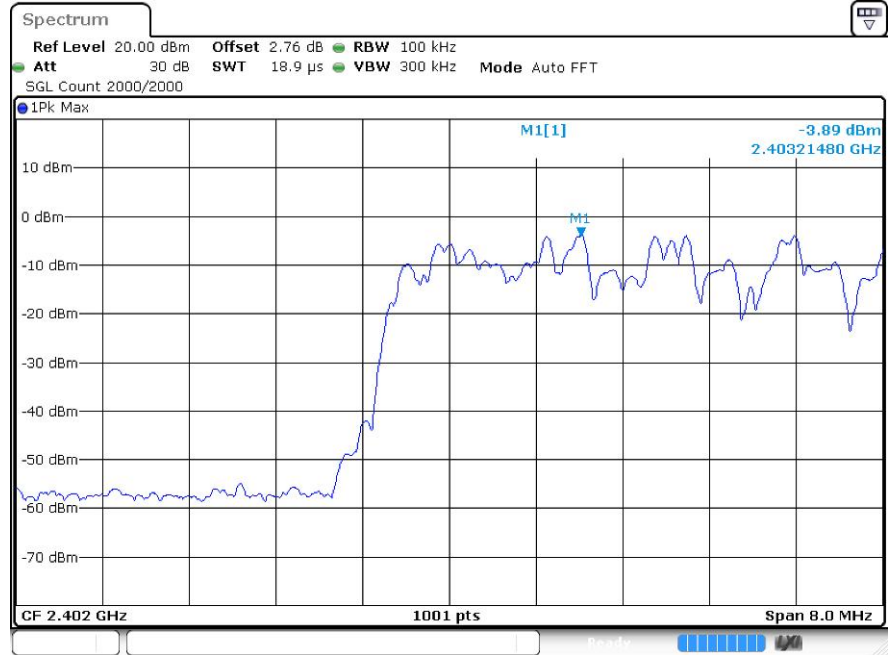
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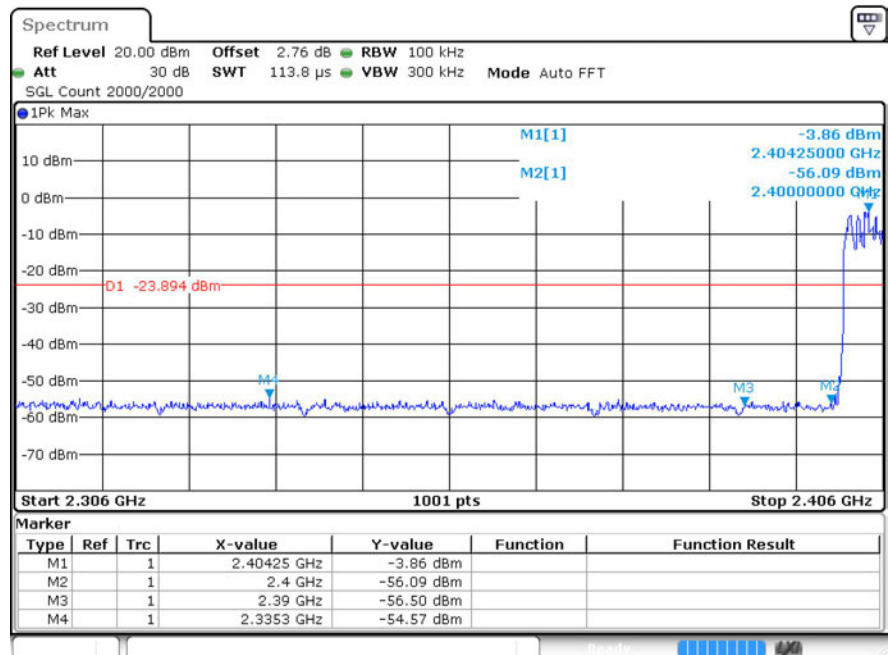
$\pi/4$ DQPSK/LCH/No
Hop



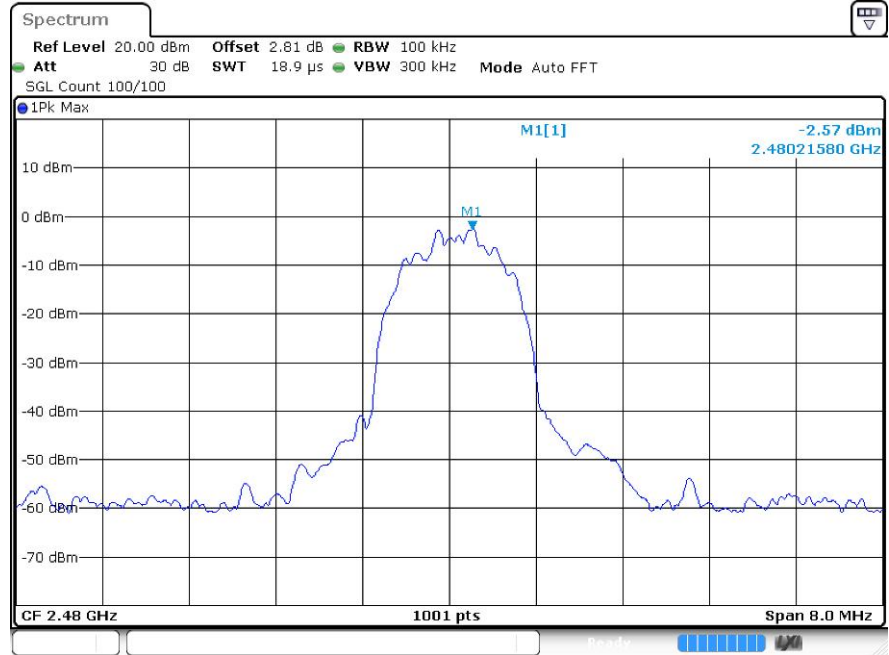
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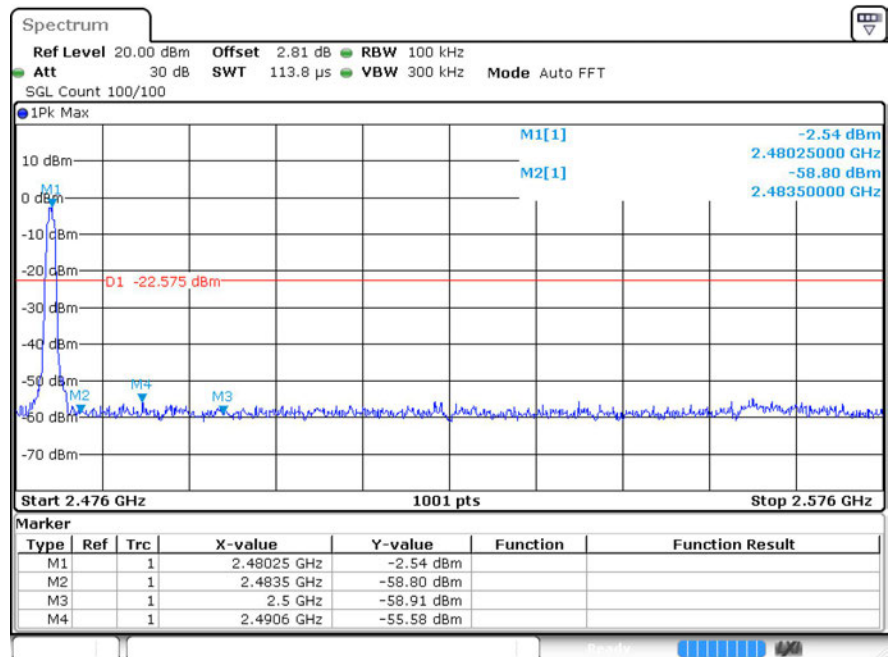
$\pi/4$ DQPSK/LCH/Hop



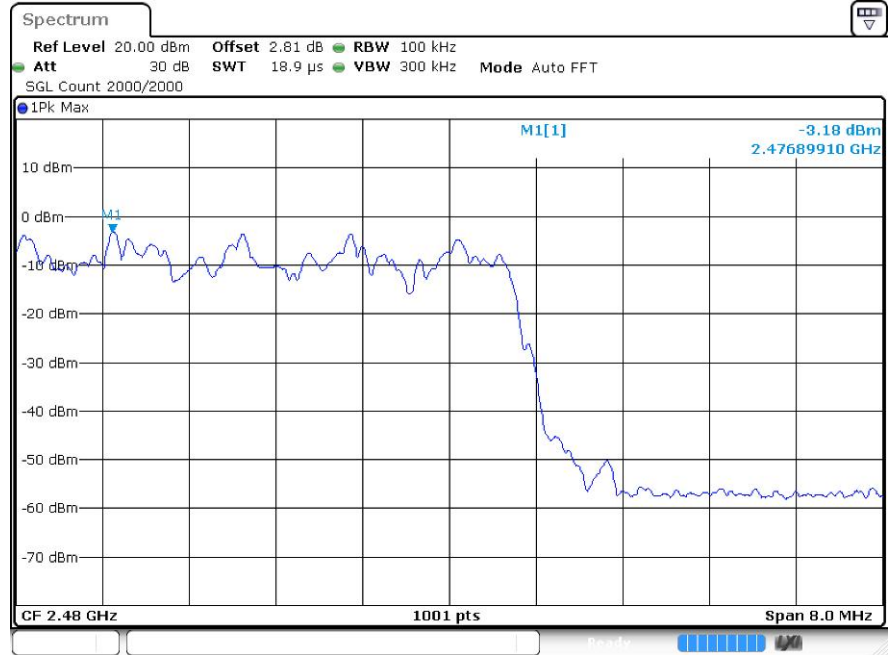
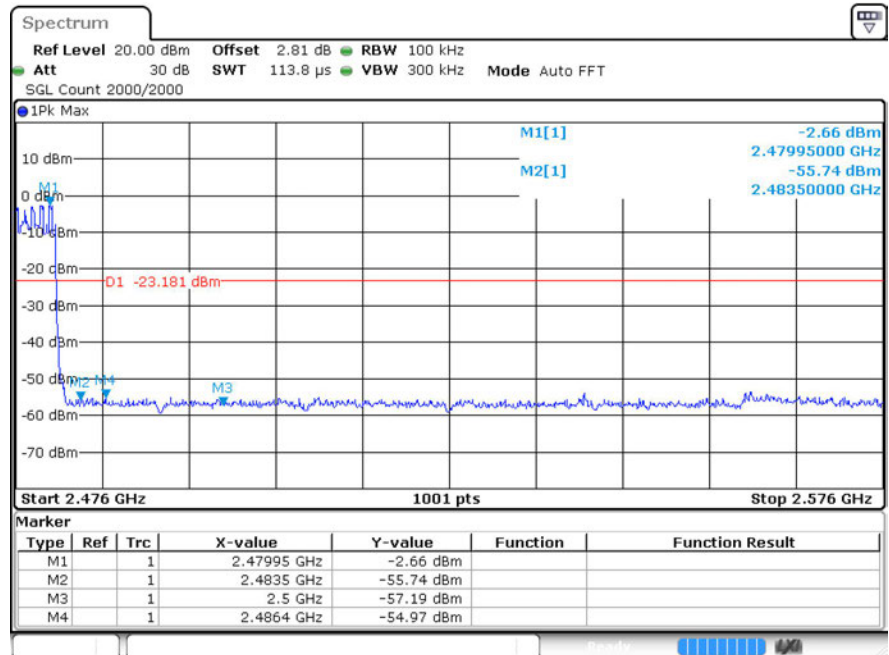
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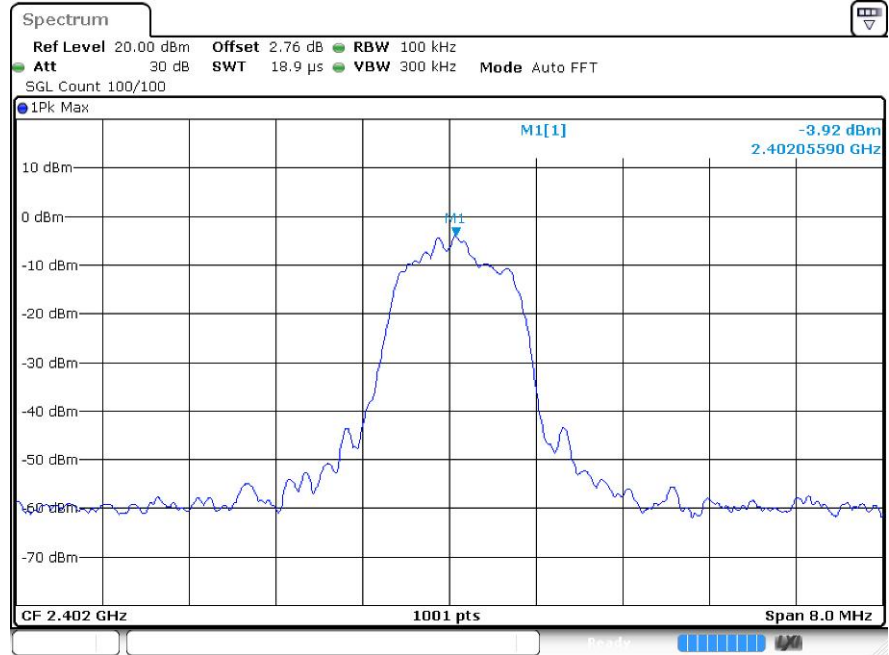
$\pi/4$ DQPSK/HCH/No Hop



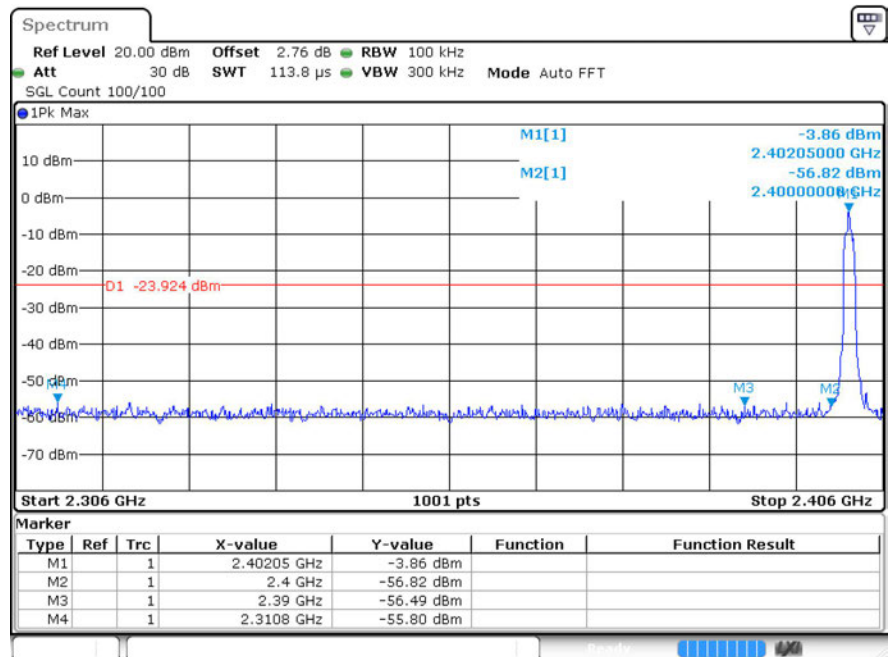
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 $\pi/4$ DQPSK/HCH/Hop


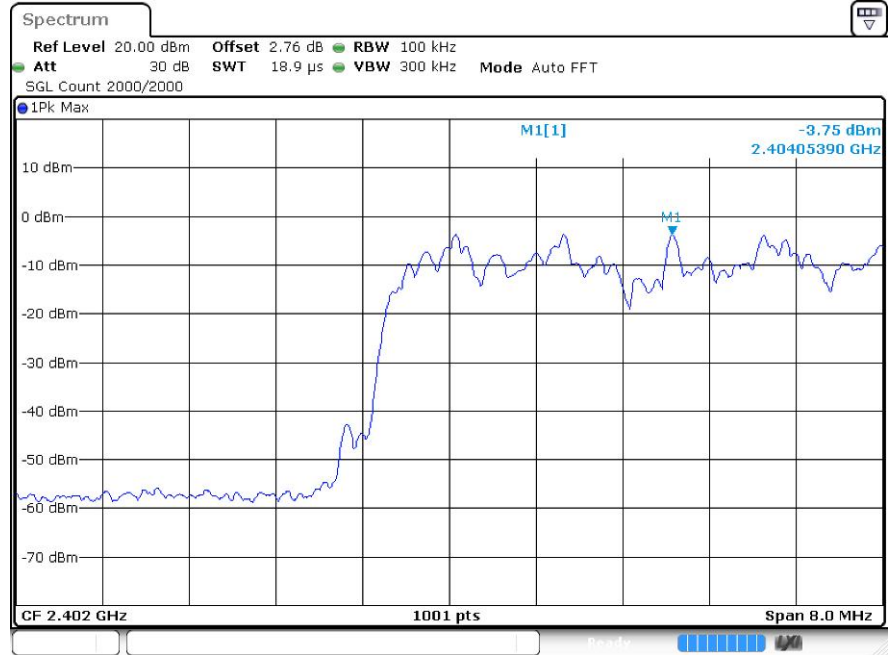
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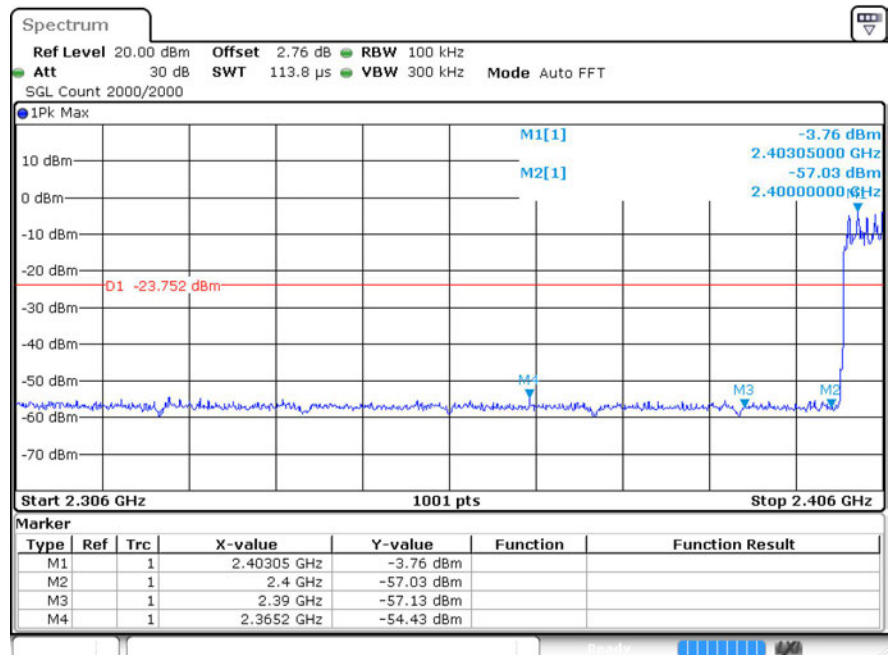
8DPSK/LCH/No Hop



Ref



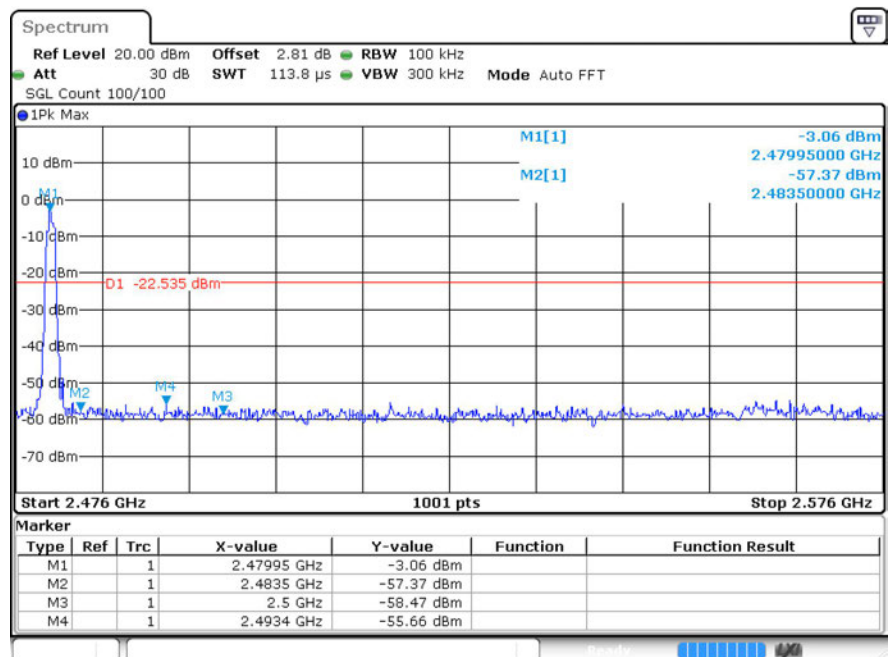
8DPSK/LCH/Hop



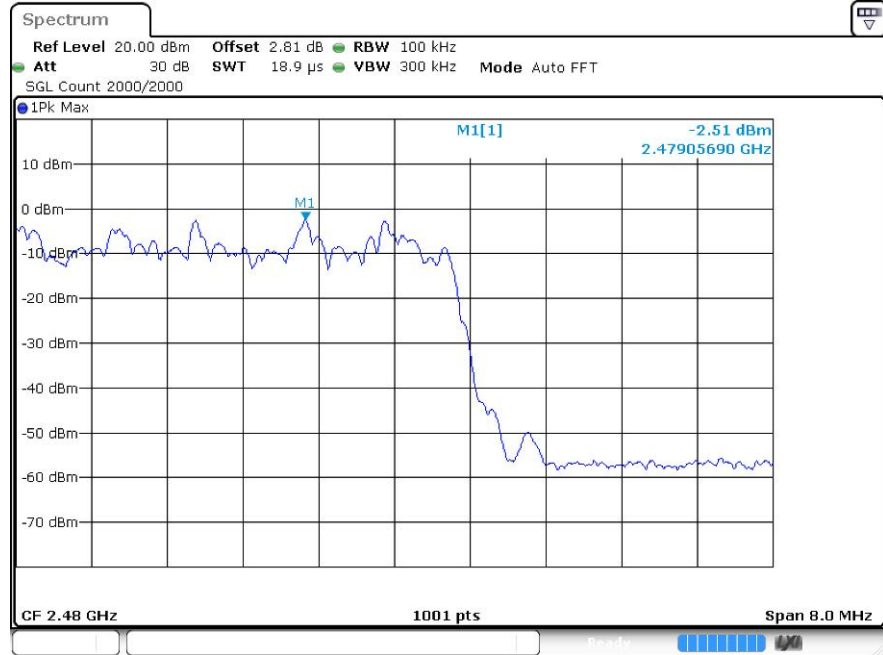
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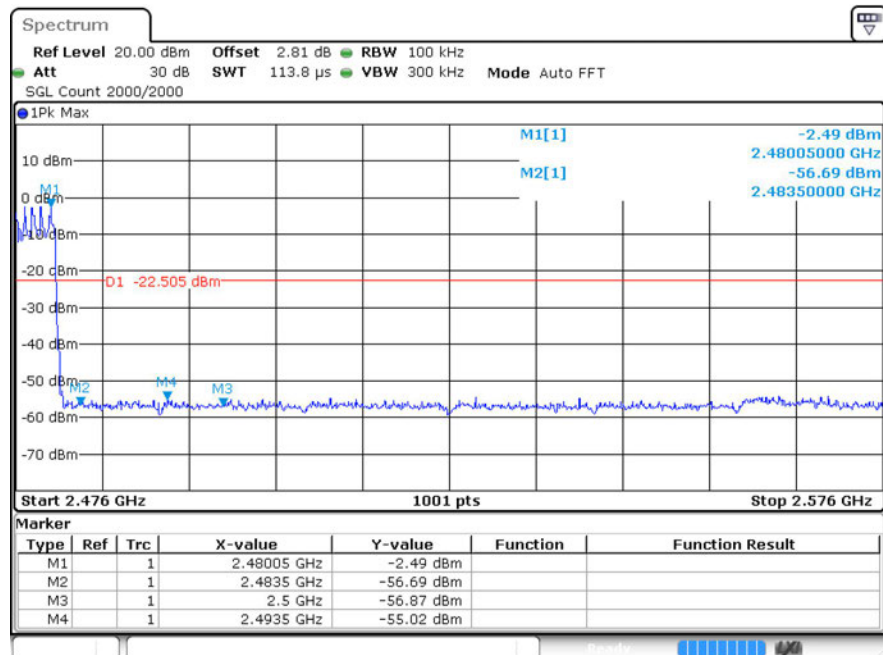
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

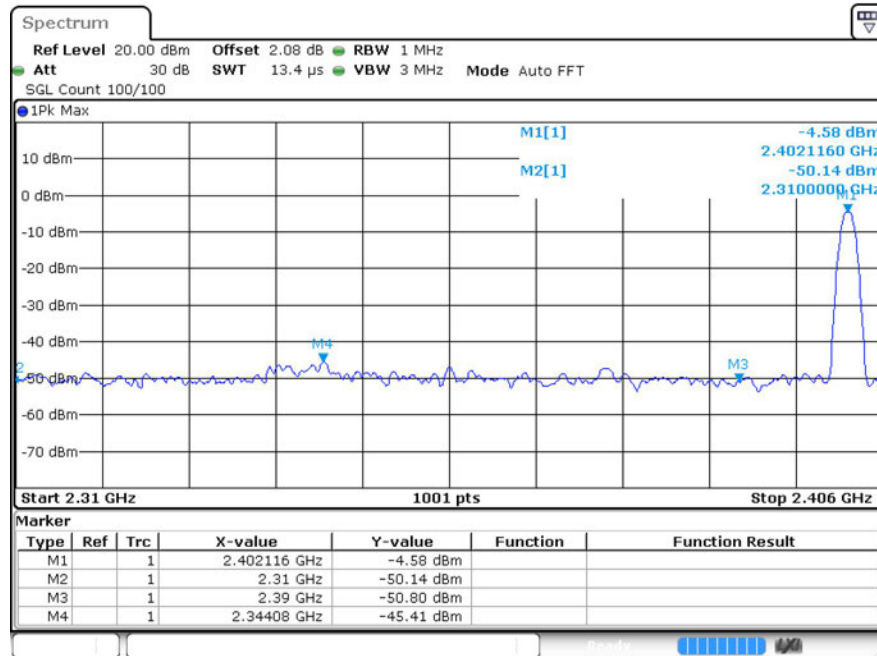
Test Mode	Hopping	Freq.	Power [dBm]	Gain	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-50.14	2	47.12	PEAK	74	Pass
	Off	2310.0	-58.09	2	39.17	AV	54	Pass
	Off	2344.08	-45.41	2	51.85	PEAK	74	Pass
	Off	2338.128	-55.85	2	41.41	AV	54	Pass
	Off	2390.0	-50.79	2	46.47	PEAK	74	Pass
	Off	2390.0	-58.59	2	38.67	AV	54	Pass
	Off	2483.5	-49.67	2	47.59	PEAK	74	Pass
	Off	2483.5	-58.19	2	39.07	AV	54	Pass
	Off	2485.48	-48.41	2	48.85	PEAK	74	Pass
	Off	2484.088	-57.5	2	39.76	AV	54	Pass
	Off	2500.0	-50.38	2	46.88	PEAK	74	Pass
	Off	2500.0	-58.37	2	38.89	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-49.62	2	47.64	PEAK	74	Pass
	Off	2310.0	-58.23	2	39.03	AV	54	Pass
	Off	2343.696	-46.6	2	50.66	PEAK	74	Pass
	Off	2338.896	-56.09	2	41.17	AV	54	Pass
	Off	2390.0	-49.51	2	47.75	PEAK	74	Pass
	Off	2390.0	-58.66	2	38.6	AV	54	Pass
	Off	2483.5	-50.24	2	47.02	PEAK	74	Pass
	Off	2483.5	-58.12	2	39.14	AV	54	Pass
	Off	2484.64	-47.75	2	49.51	PEAK	74	Pass
	Off	2484.232	-57.83	2	39.43	AV	54	Pass
	Off	2500.0	-50.61	2	46.65	PEAK	74	Pass
	Off	2500.0	-57.99	2	39.27	AV	54	Pass
8DPSK	Off	2310.0	-49.15	2	48.11	PEAK	74	Pass
	Off	2310.0	-58.27	2	38.99	AV	54	Pass
	Off	2339.952	-47.09	2	50.17	PEAK	74	Pass
	Off	2338.032	-56.25	2	41.01	AV	54	Pass



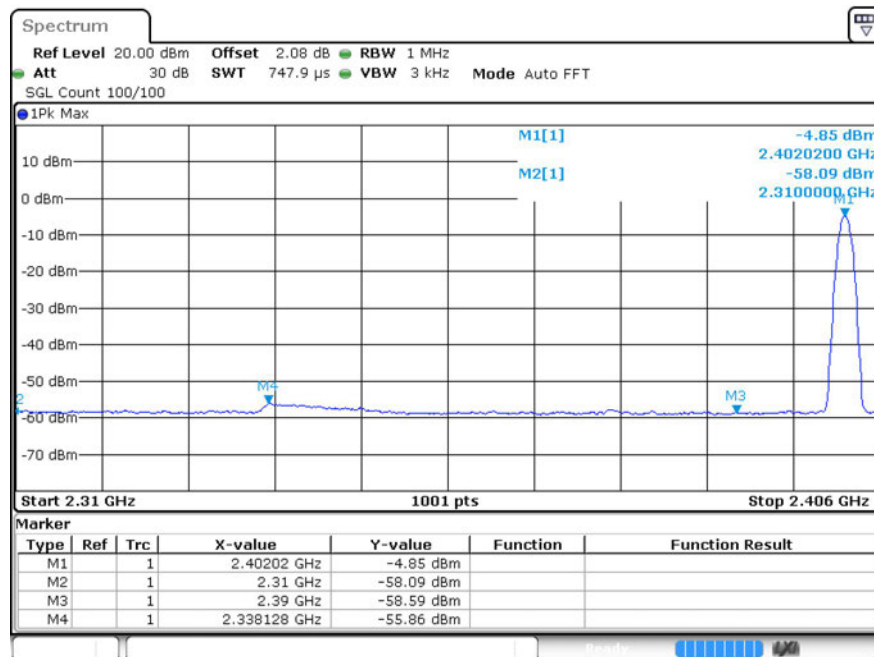
	Off	2390.0	-53.27	2	43.99	PEAK	74	Pass
	Off	2390.0	-58.21	2	39.05	AV	54	Pass
	Off	2483.5	-49.03	2	48.23	PEAK	74	Pass
	Off	2483.5	-57.91	2	39.35	AV	54	Pass
	Off	2488.384	-47.83	2	49.43	PEAK	74	Pass
	Off	2493.04	-57.41	2	39.85	AV	54	Pass
	Off	2500.0	-50.48	2	46.78	PEAK	74	Pass
	Off	2500.0	-58.16	2	39.1	AV	54	Pass

9.2 Test Graphs

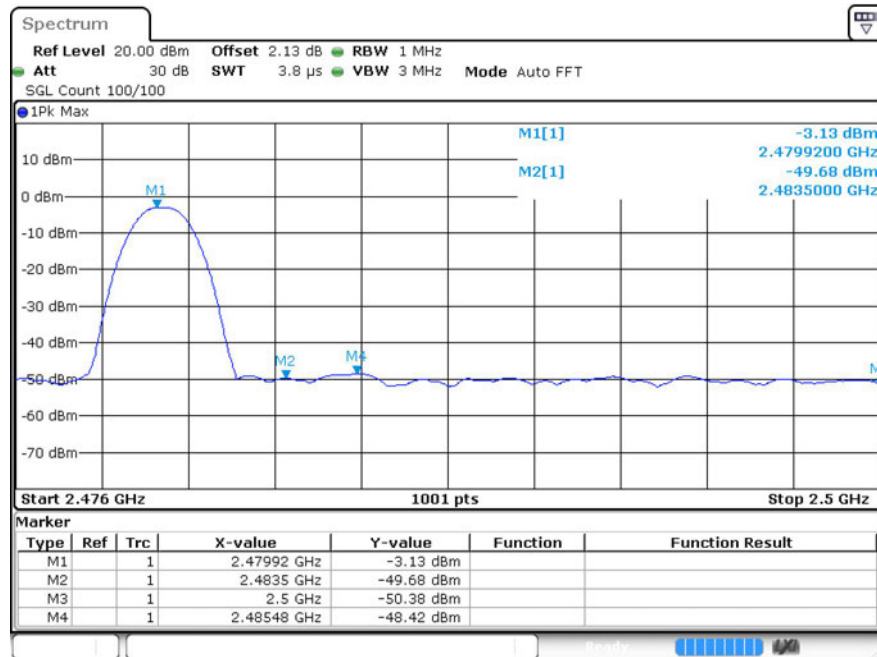
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



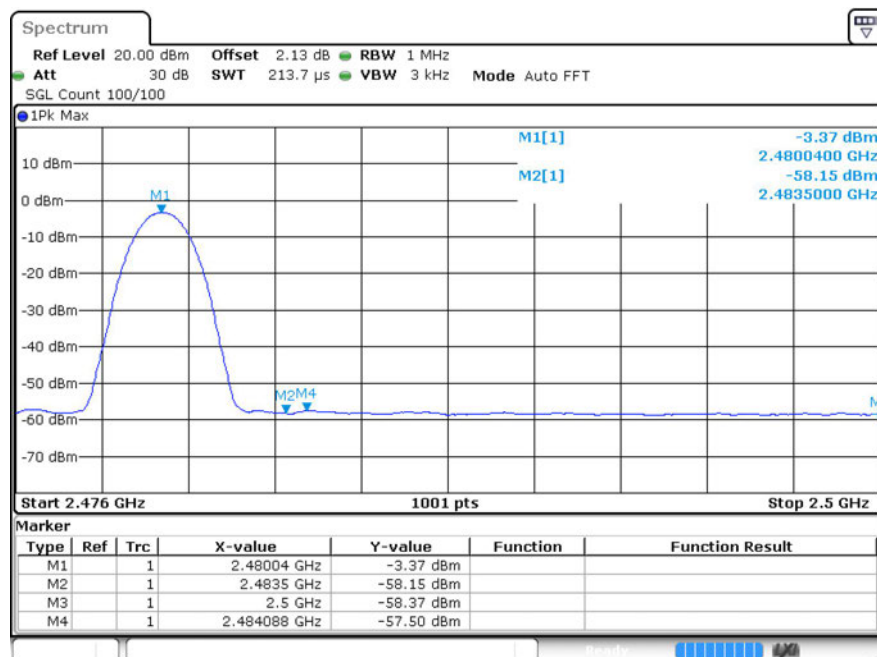
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



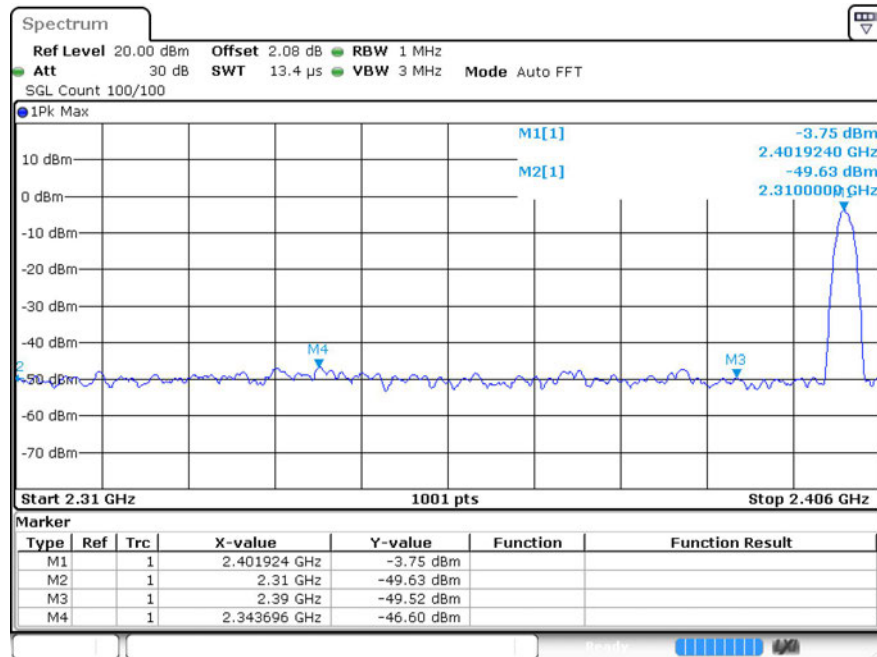
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



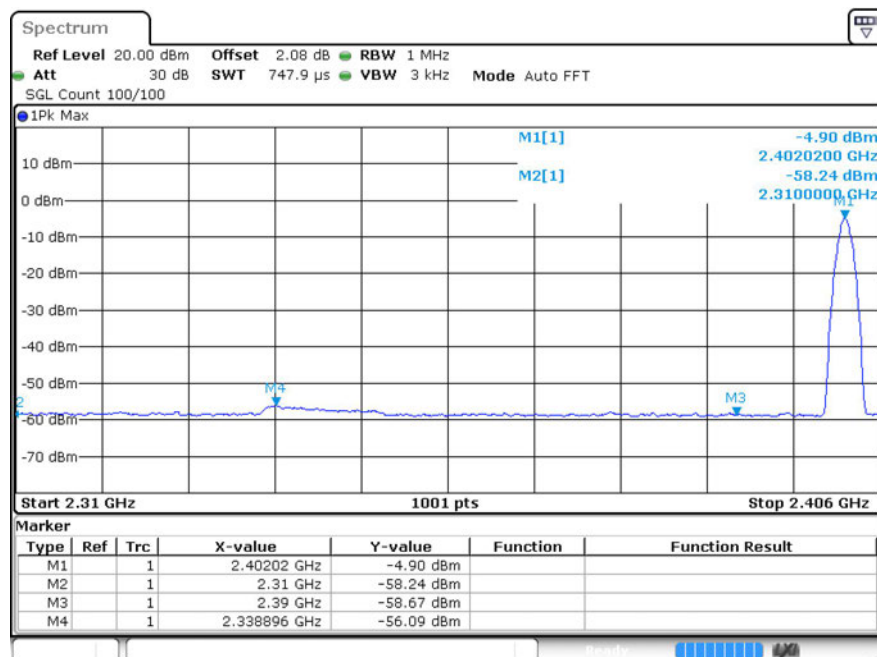
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



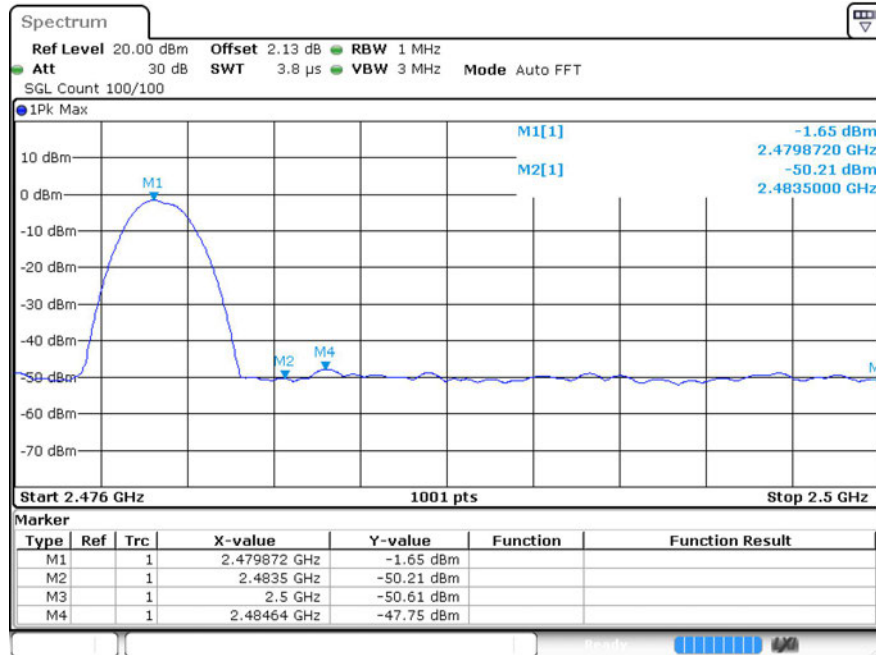
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



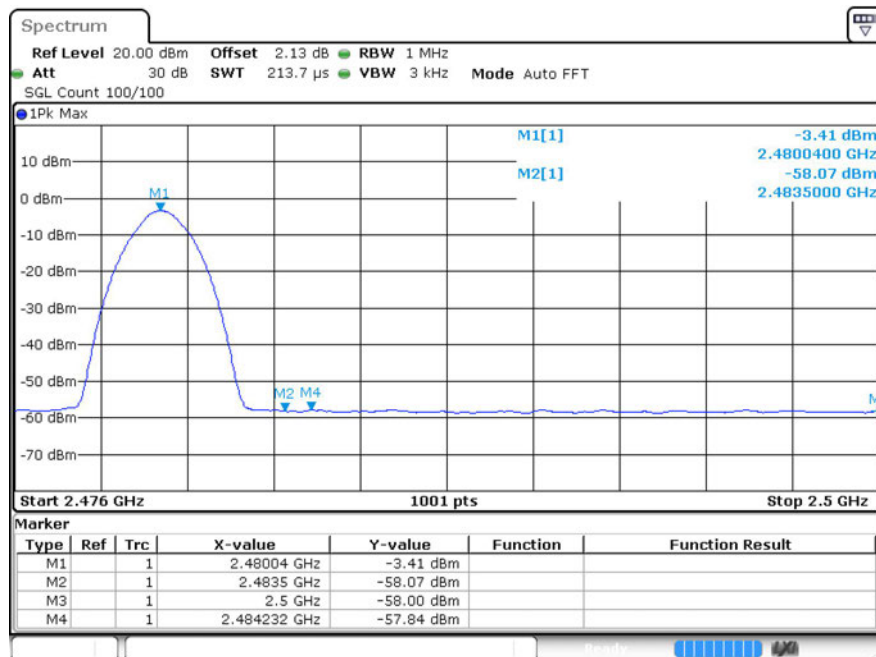
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



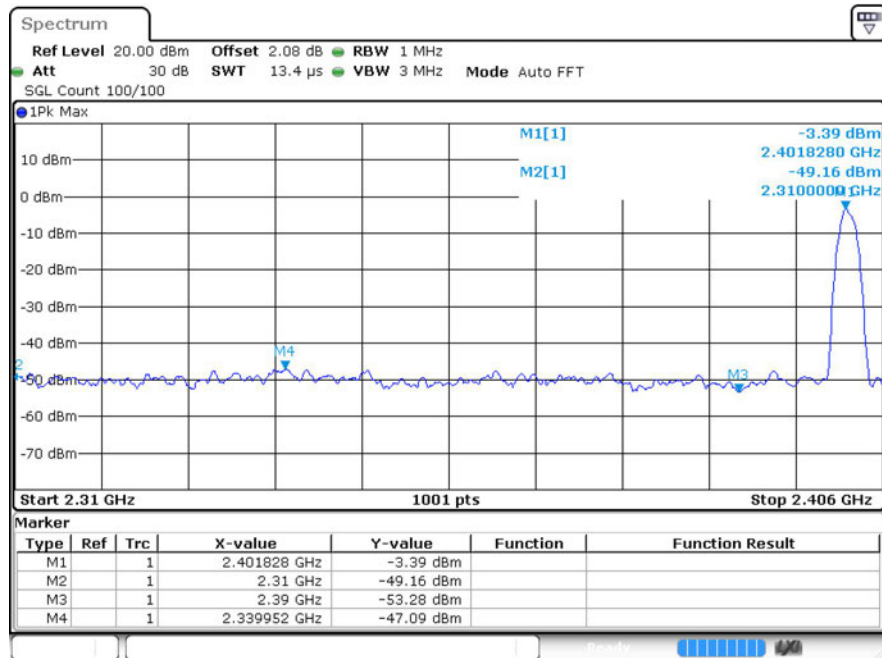
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



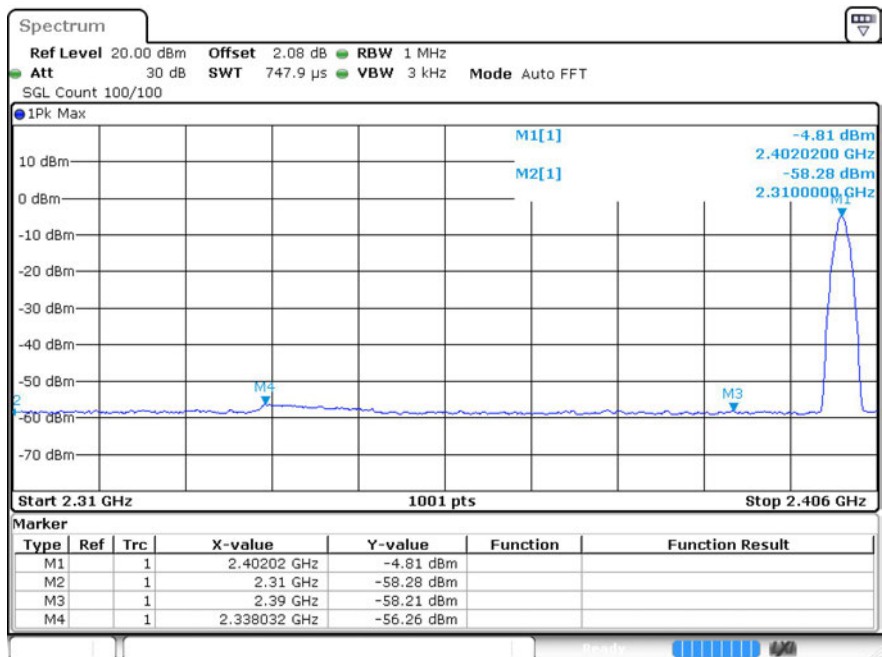
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



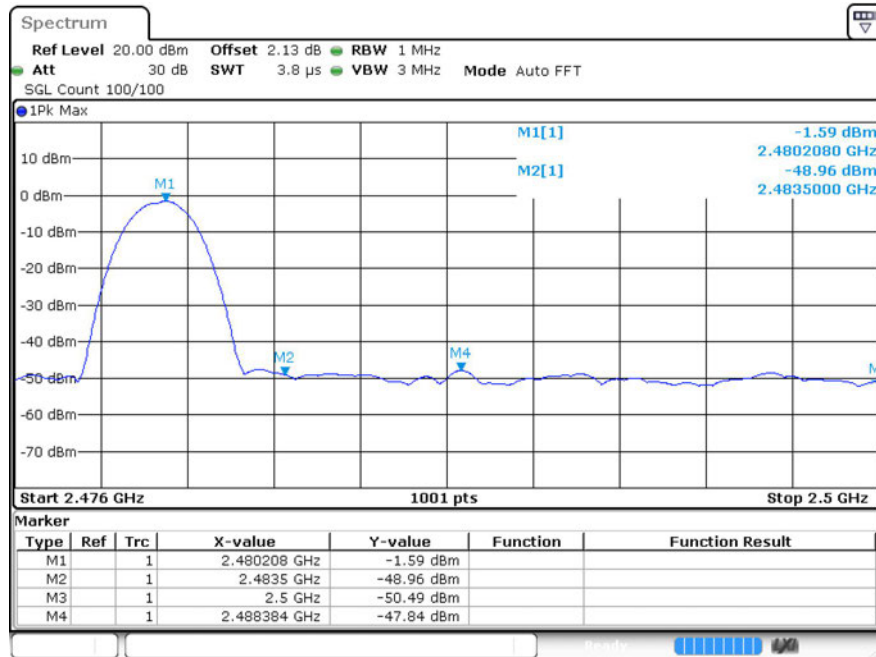
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



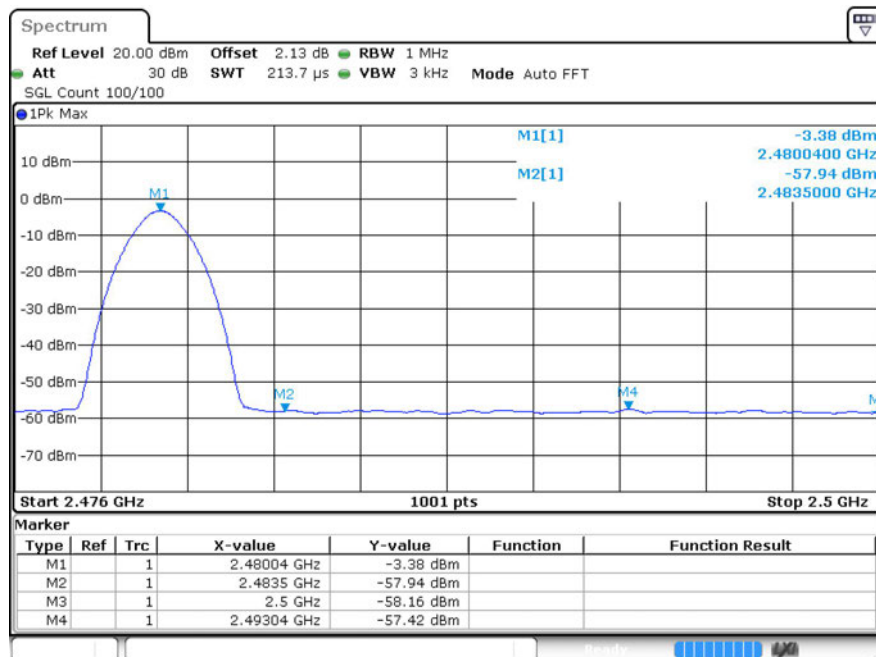
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---