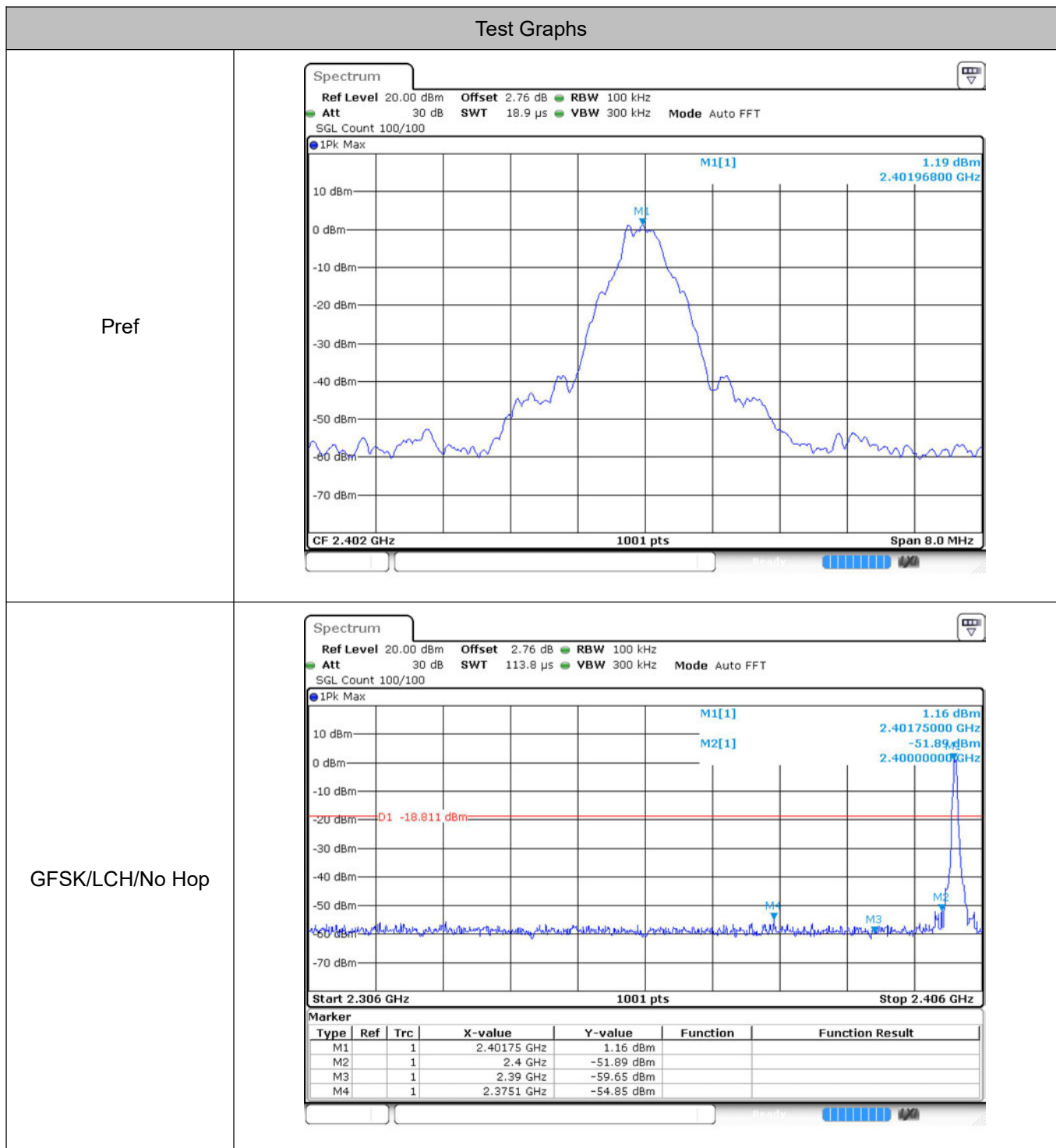


8 Band-edge for RF Conducted Emissions

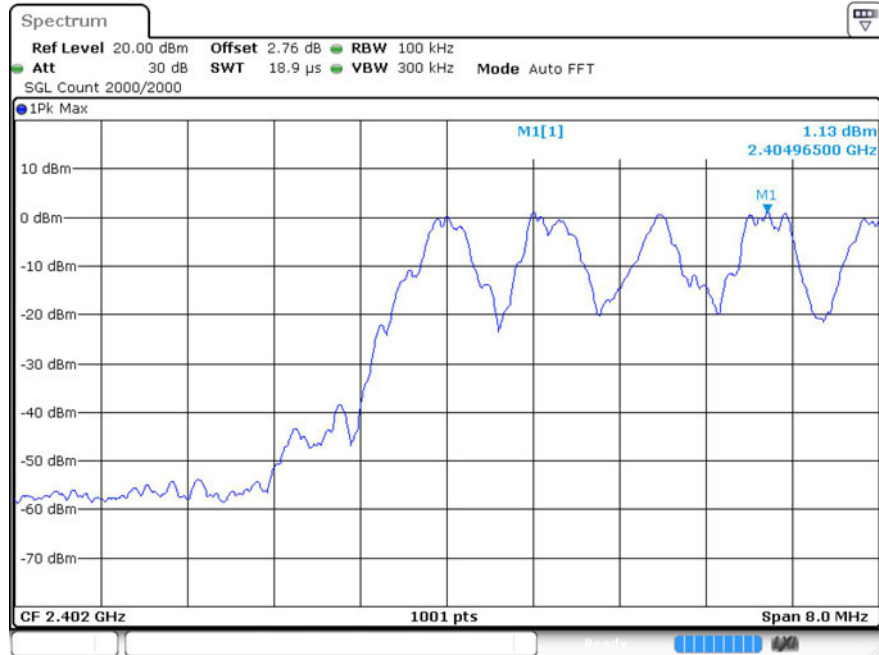
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-56.04	-20	Pass
			On	-55.92	-20	Pass
	HCH	2480	Off	-55.06	-20	Pass
			On	-54.21	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-56.18	-20	Pass
			On	-55.3	-20	Pass
	HCH	2480	Off	-55.43	-20	Pass
			On	-54.27	-20	Pass
8DPSK	LCH	2402	Off	-56.29	-20	Pass
			On	-55.45	-20	Pass
	HCH	2480	Off	-55.27	-20	Pass
			On	-54.47	-20	Pass

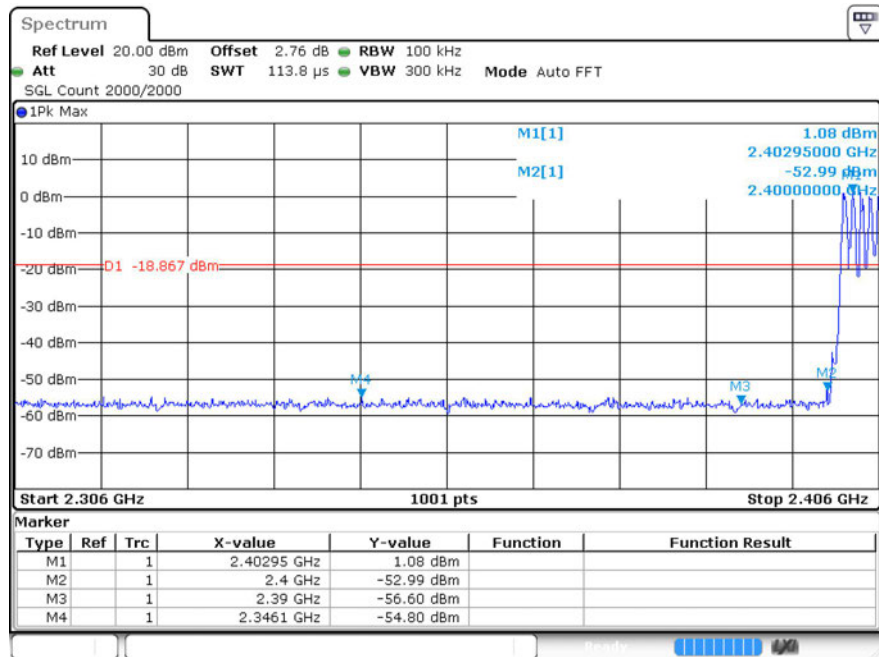
8.2 Test Graphs



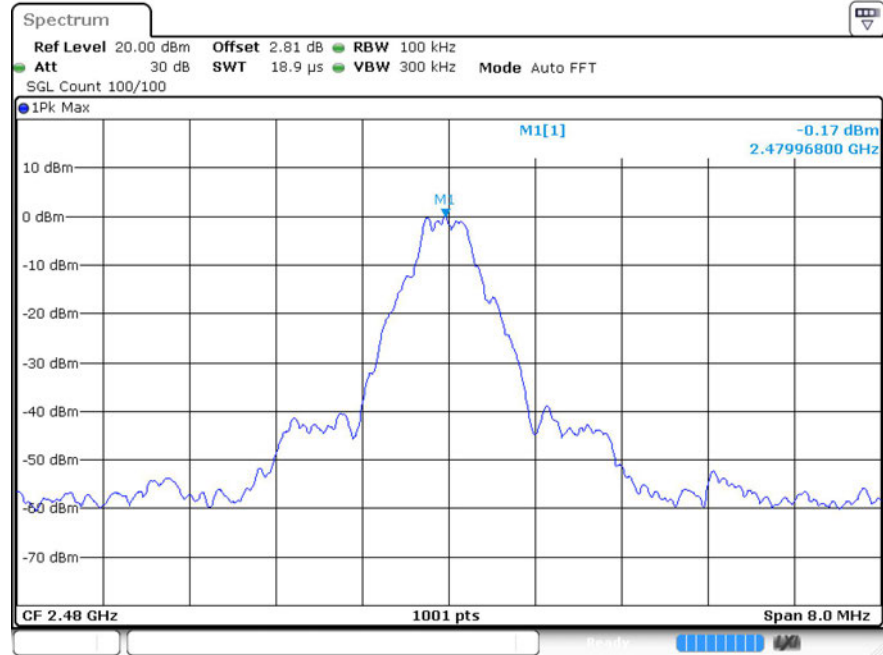
Ref



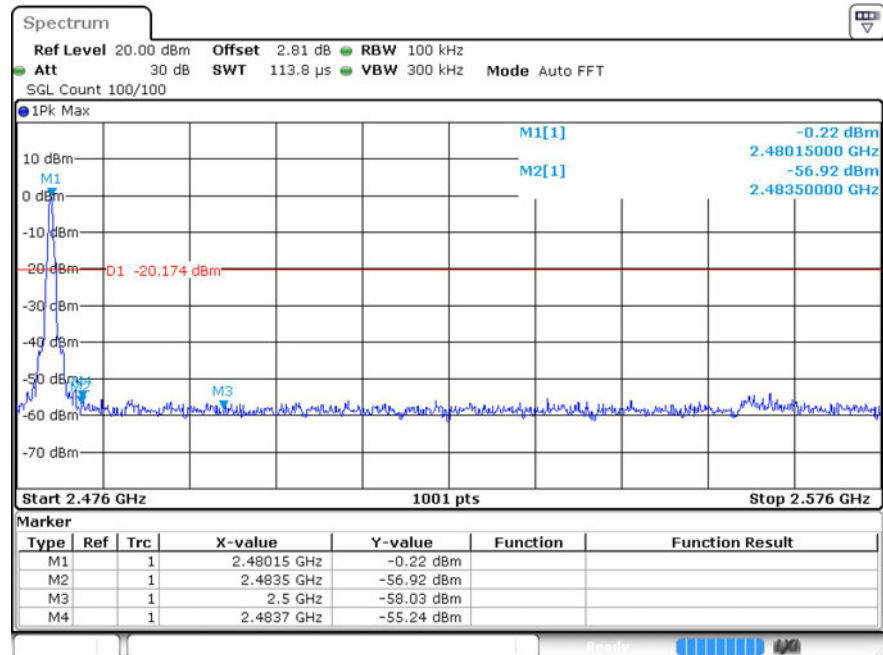
GFSK/LCH/Hop



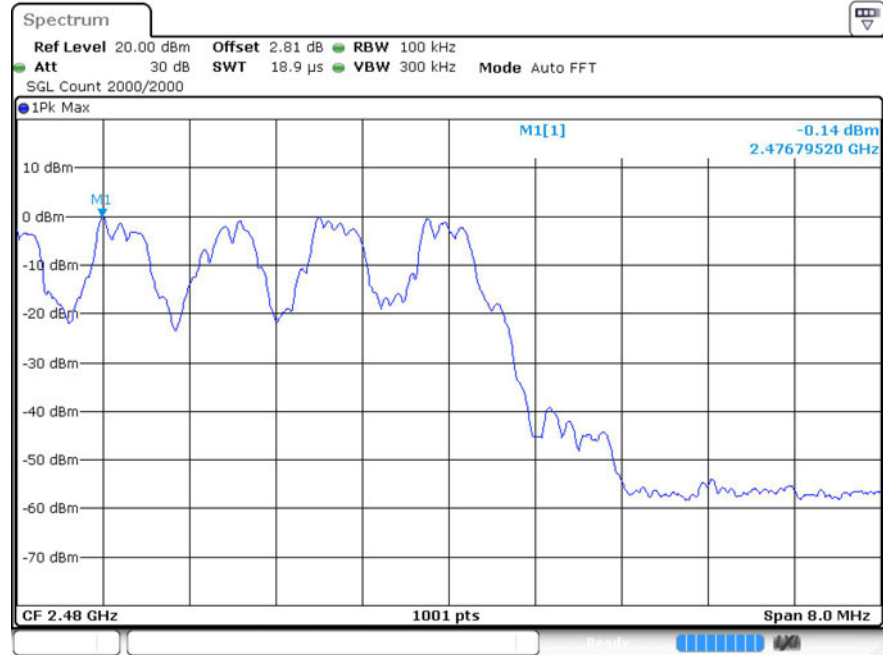
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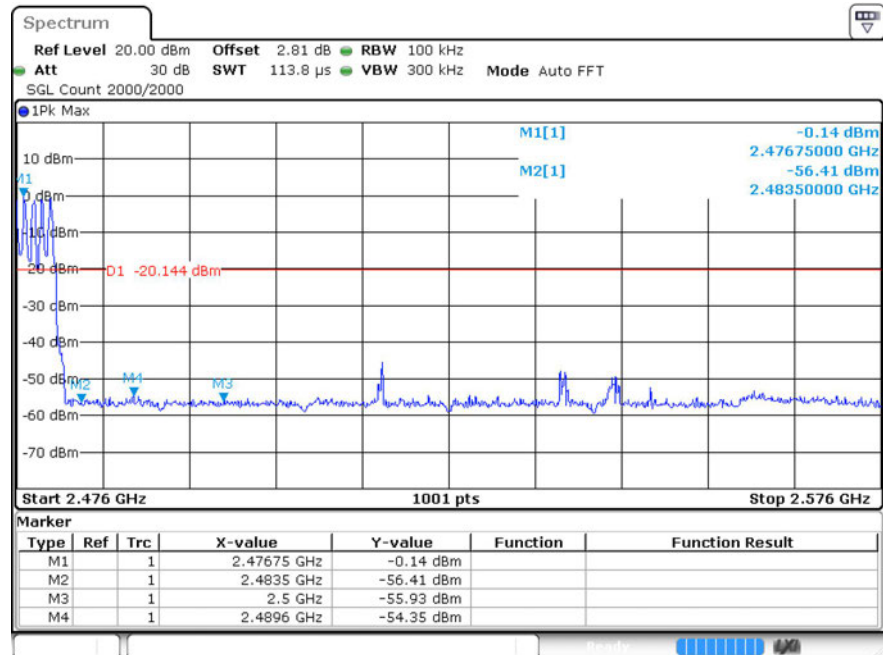
GFSK/HCH/No Hop



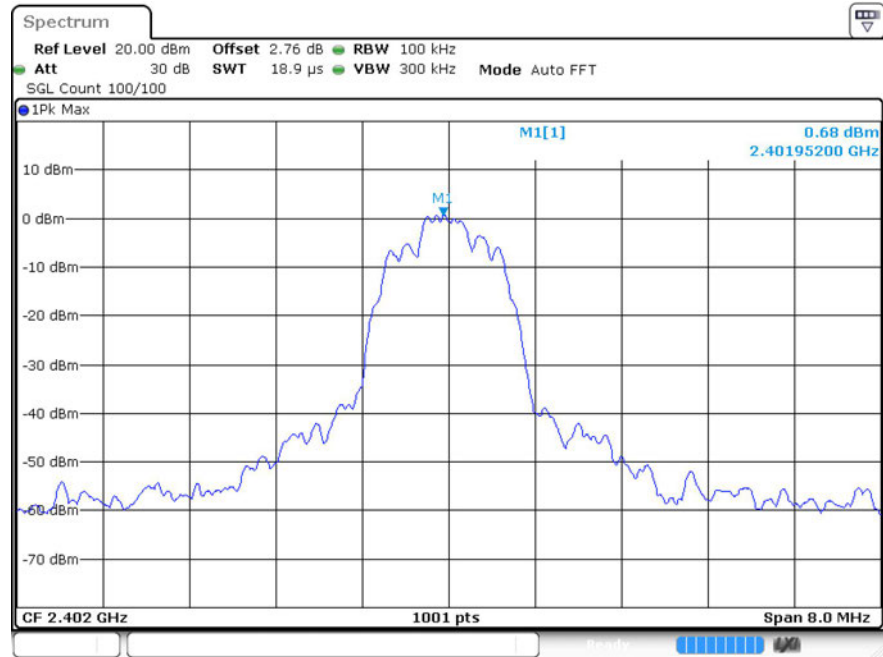
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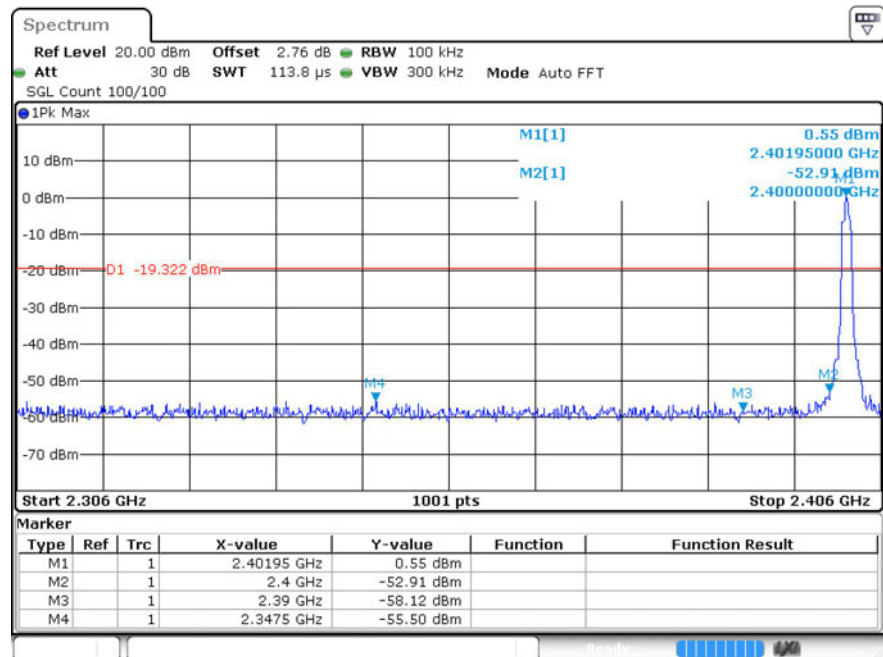
GFSK/HCH/Hop



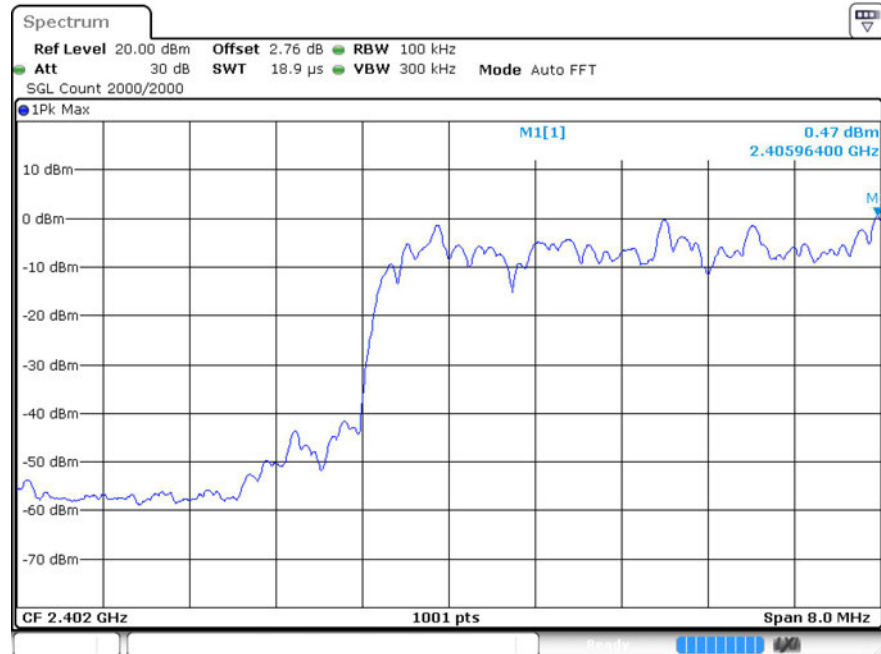
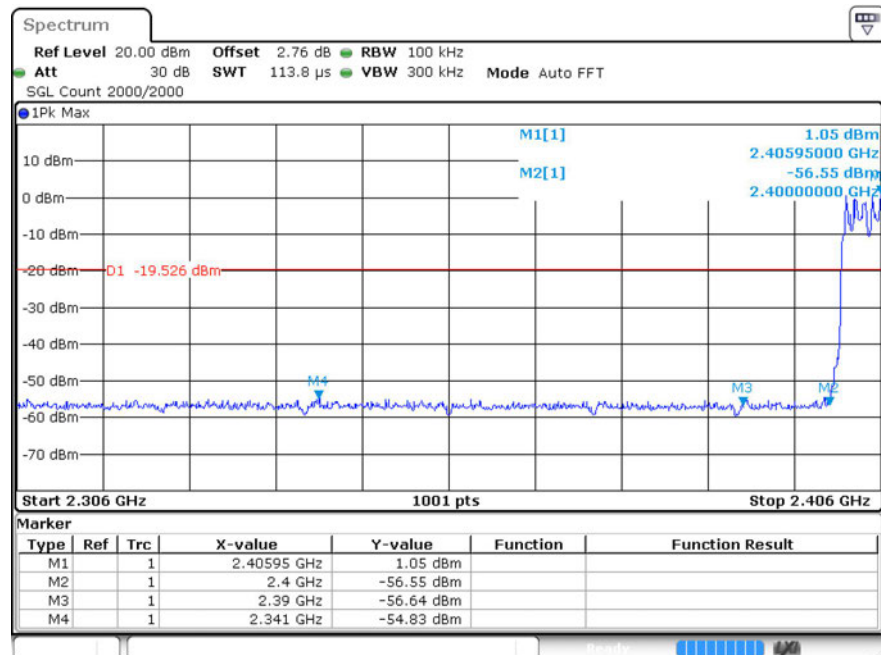
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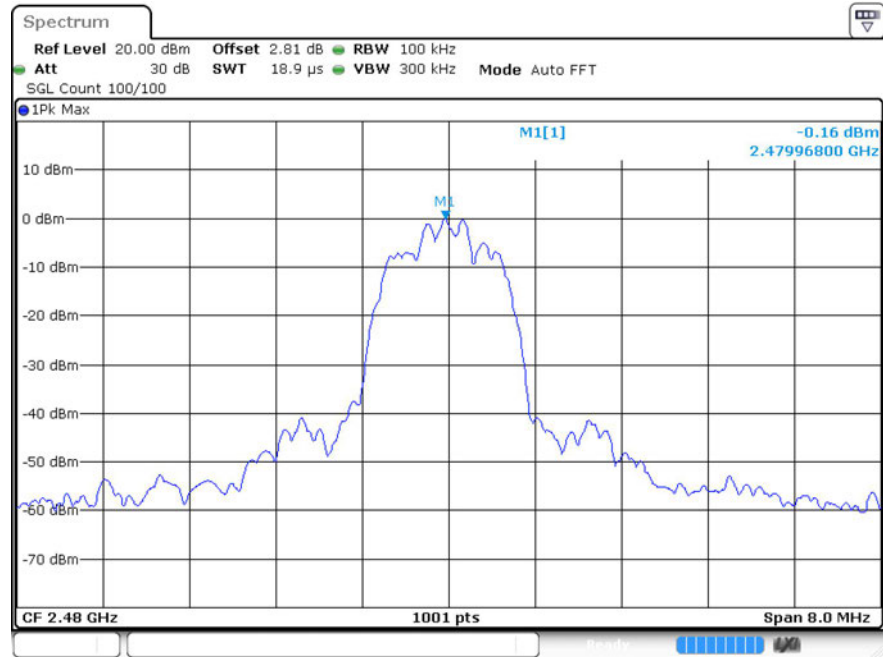
$\pi/4$ DQPSK/LCH/No Hop



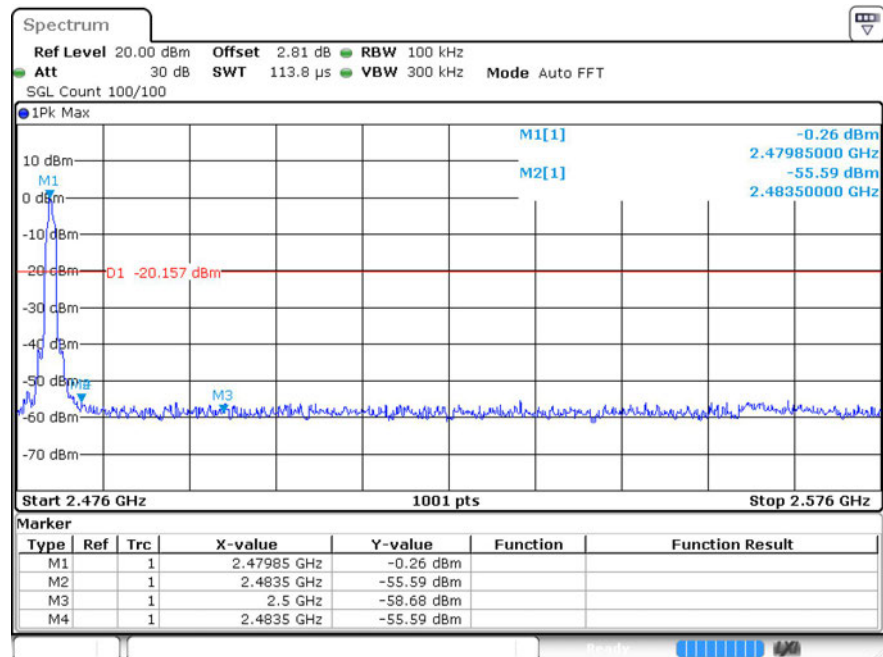
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 $\pi/4$ DQPSK/LCH/Hop


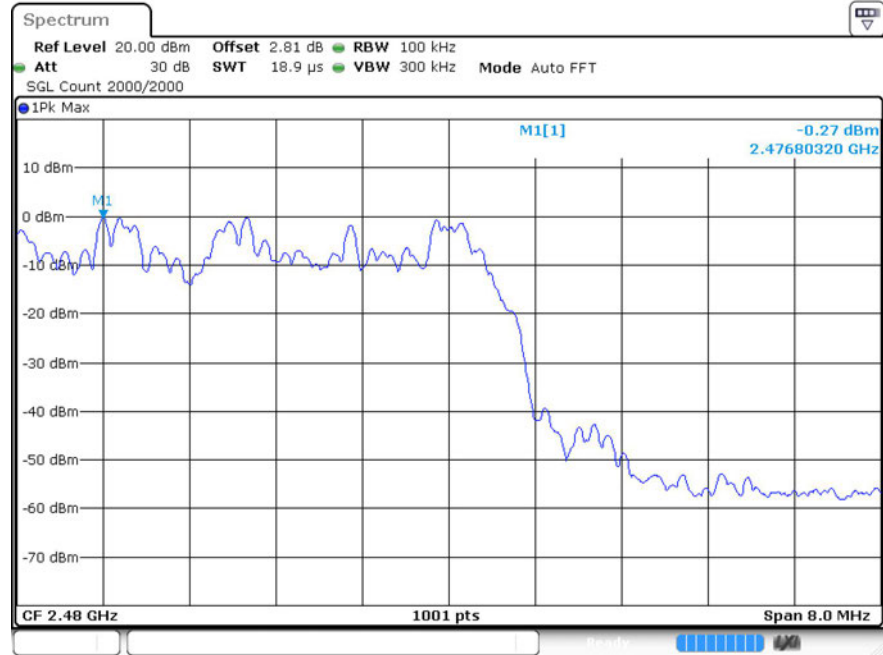
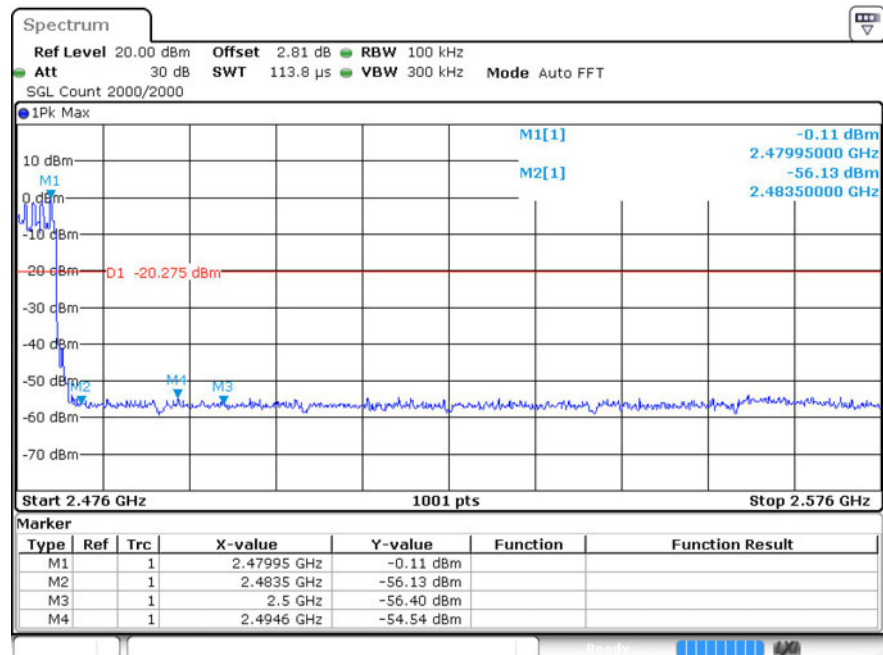
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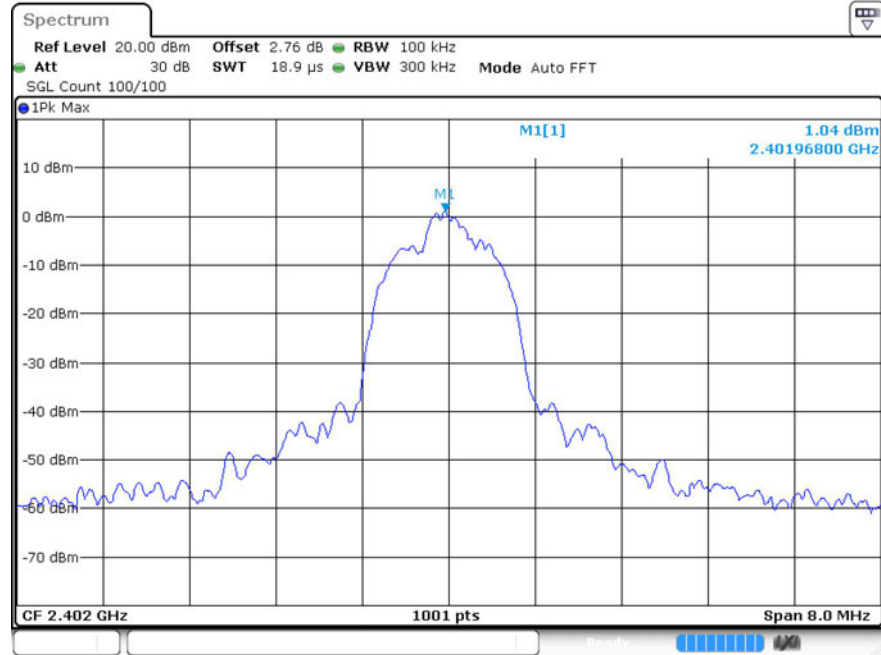
$\pi/4$ DQPSK/HCH/No
Hop



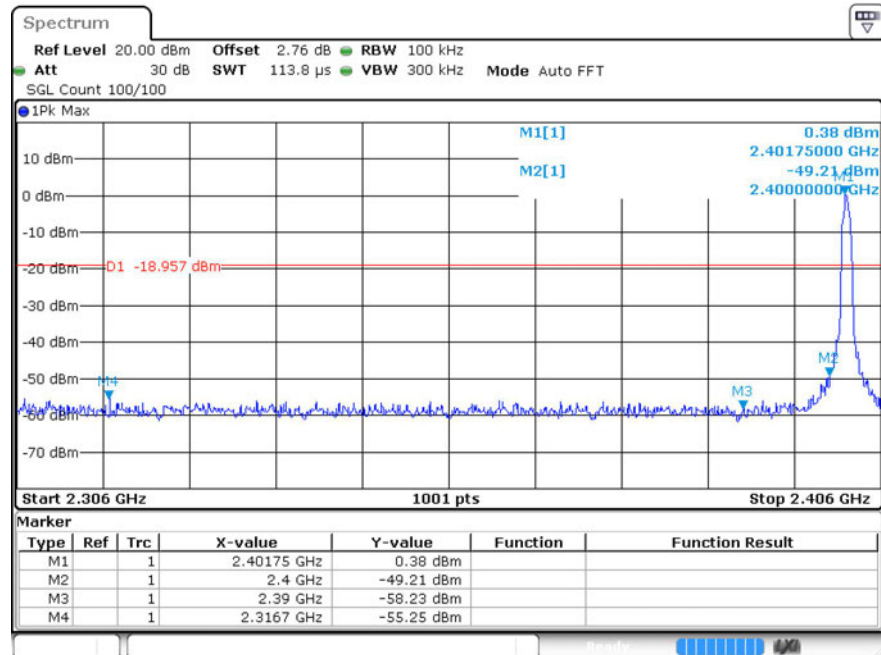
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 $\pi/4$ DQPSK/HCH/Hop


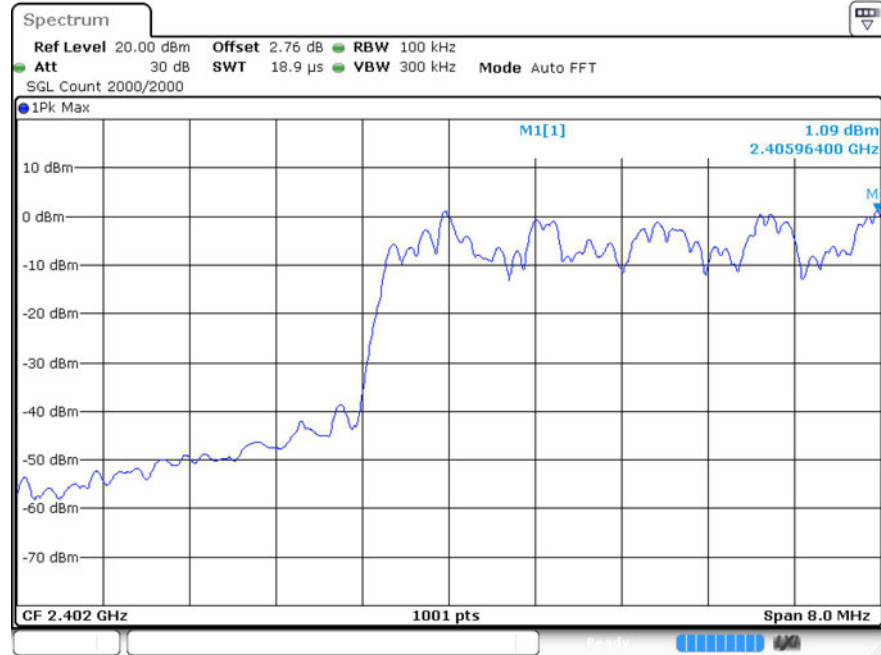
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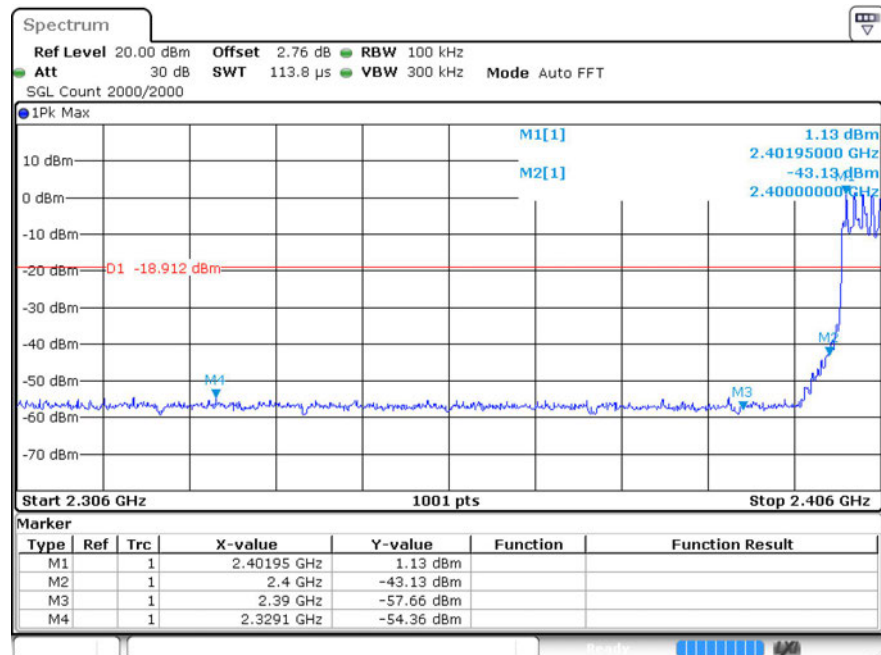
8DPSK/LCH/No Hop



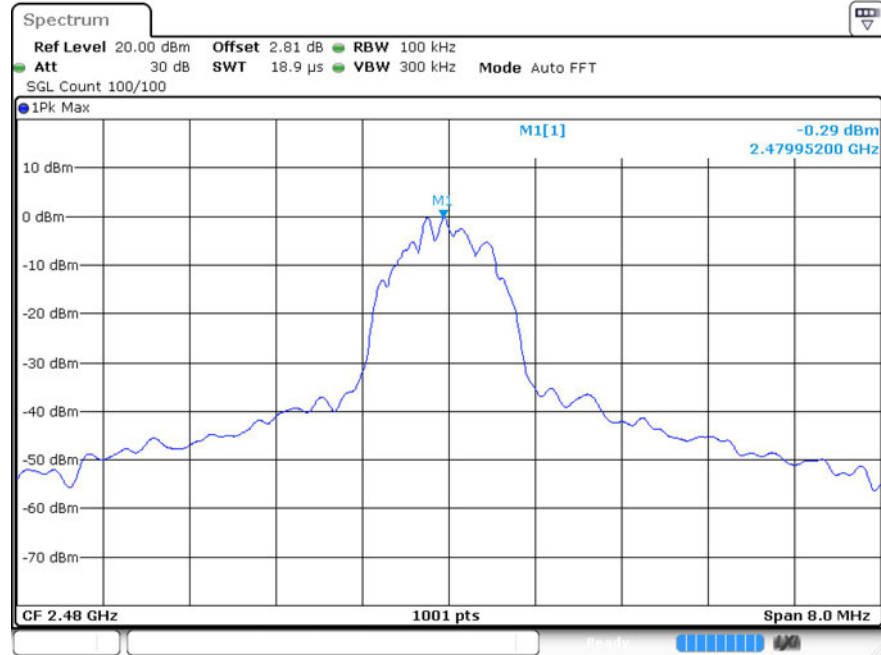
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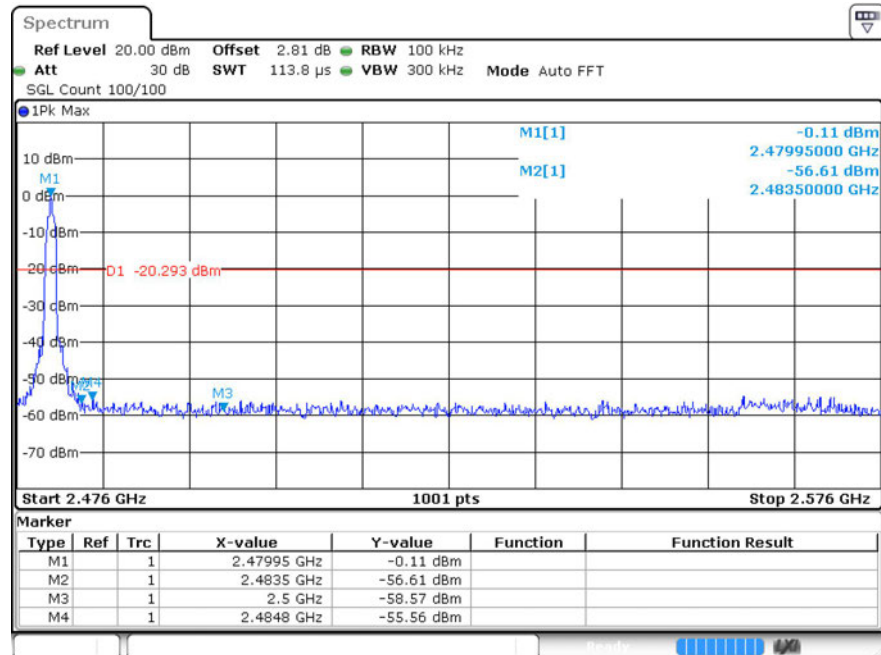
8DPSK/LCH/Hop



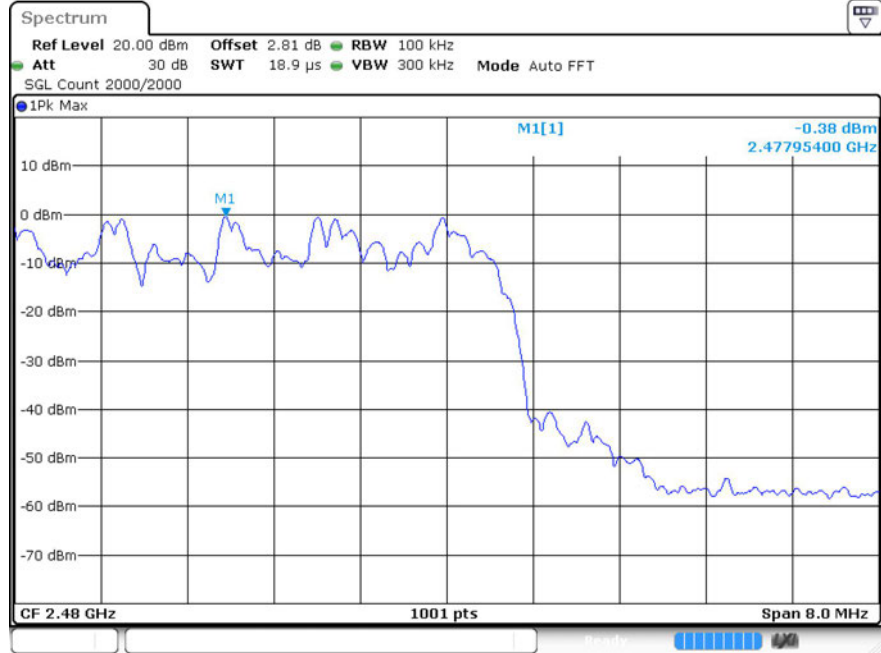
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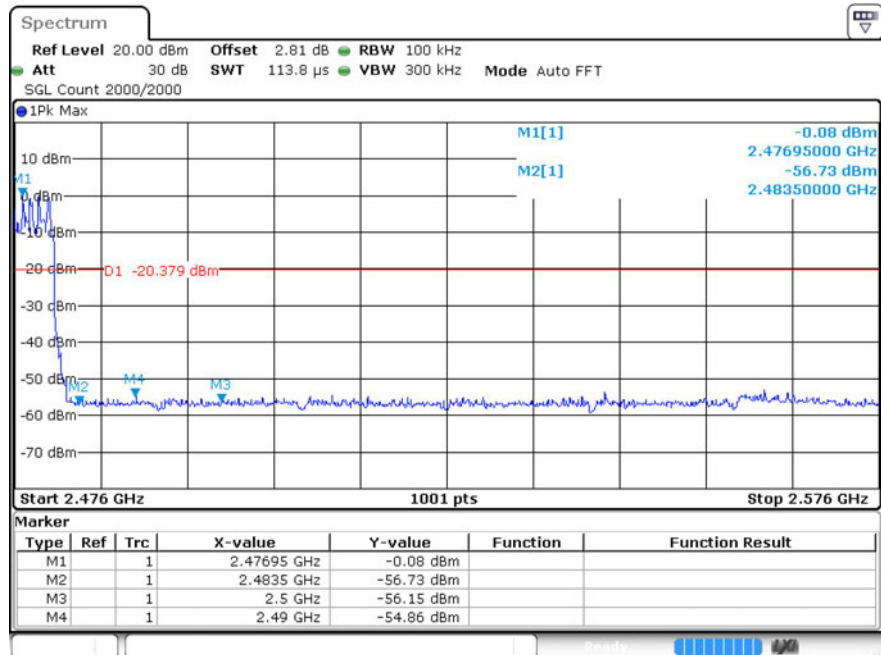
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

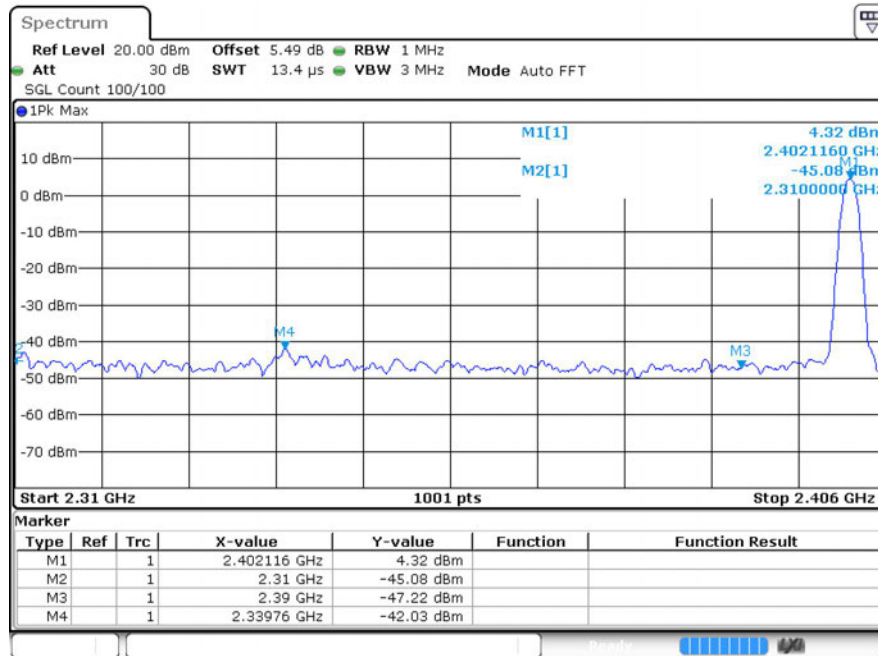
Test Mode	Hopping	Freq.	Power [dBm]	Gain	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-45.07	2.70	52.92	PEAK	74	Pass
	Off	2310.0	-54.78	2.70	43.21	AV	54	Pass
	Off	2339.76	-42.03	2.70	55.96	PEAK	74	Pass
	Off	2338.224	-52.45	2.70	45.54	AV	54	Pass
	Off	2390.0	-47.22	2.70	50.77	PEAK	74	Pass
	Off	2390.0	-55.19	2.70	42.8	AV	54	Pass
	Off	2483.5	-47.49	2.70	50.5	PEAK	74	Pass
	Off	2483.5	-53.33	2.70	44.66	AV	54	Pass
	Off	2492.488	-44.9	2.70	53.09	PEAK	74	Pass
	Off	2483.512	-53.33	2.70	44.66	AV	54	Pass
	Off	2500.0	-46.99	2.70	51	PEAK	74	Pass
	Off	2500.0	-54.51	2.70	43.48	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-46.91	2.70	51.08	PEAK	74	Pass
	Off	2310.0	-54.66	2.70	43.33	AV	54	Pass
	Off	2338.8	-42.51	2.70	55.48	PEAK	74	Pass
	Off	2338.32	-52.5	2.70	45.49	AV	54	Pass
	Off	2390.0	-46.51	2.70	51.48	PEAK	74	Pass
	Off	2390.0	-54.89	2.70	43.1	AV	54	Pass
	Off	2483.5	-41.7	2.70	56.29	PEAK	74	Pass
	Off	2483.5	-53.2	2.70	44.79	AV	54	Pass
	Off	2483.728	-41.36	2.70	56.63	PEAK	74	Pass
	Off	2483.896	-53.13	2.70	44.86	AV	54	Pass
	Off	2500.0	-46.98	2.70	51.01	PEAK	74	Pass
	Off	2500.0	-54.62	2.70	43.37	AV	54	Pass
8DPSK	Off	2310.0	-45.99	2.70	52	PEAK	74	Pass
	Off	2310.0	-54.62	2.70	43.37	AV	54	Pass
	Off	2340.24	-43.33	2.70	54.66	PEAK	74	Pass
	Off	2340.528	-52.67	2.70	45.32	AV	54	Pass



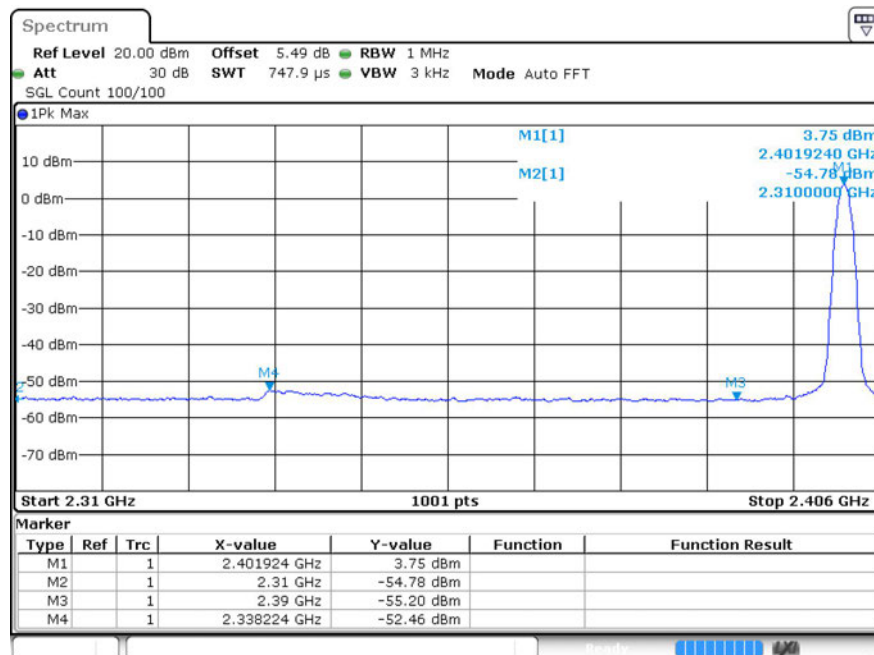
	Off	2390.0	-46.23	2.70	51.76	PEAK	74	Pass
	Off	2390.0	-54.91	2.70	43.08	AV	54	Pass
	Off	2483.5	-29.48	2.70	68.51	PEAK	74	Pass
	Off	2483.5	-52.94	2.70	45.05	AV	54	Pass
	Off	2483.512	-29.48	2.70	68.51	PEAK	74	Pass
	Off	2483.512	-52.94	2.70	45.05	AV	54	Pass
	Off	2500.0	-47.34	2.70	50.65	PEAK	74	Pass
	Off	2500.0	-54.45	2.70	43.54	AV	54	Pass

9.2 Test Graphs

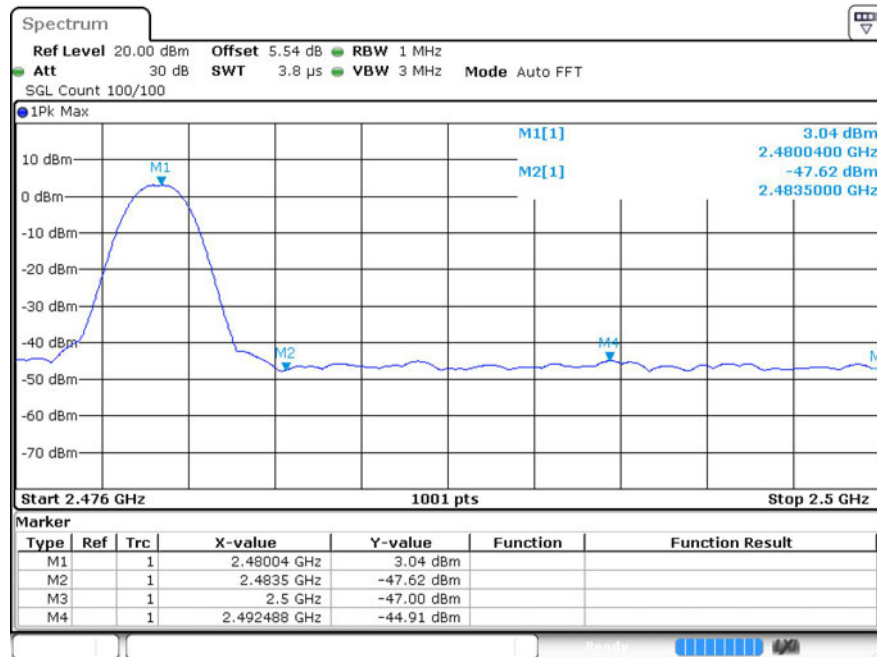
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



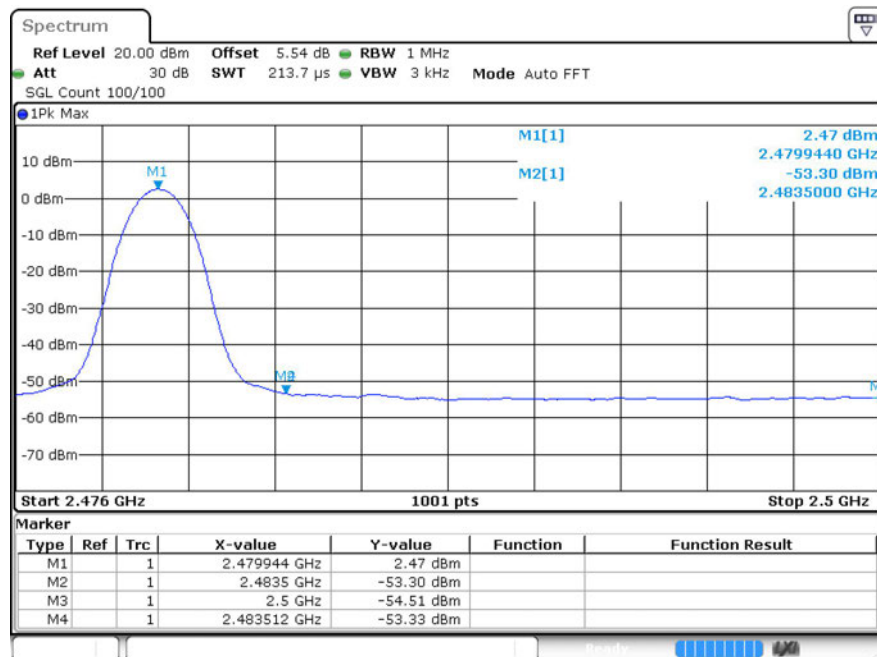
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



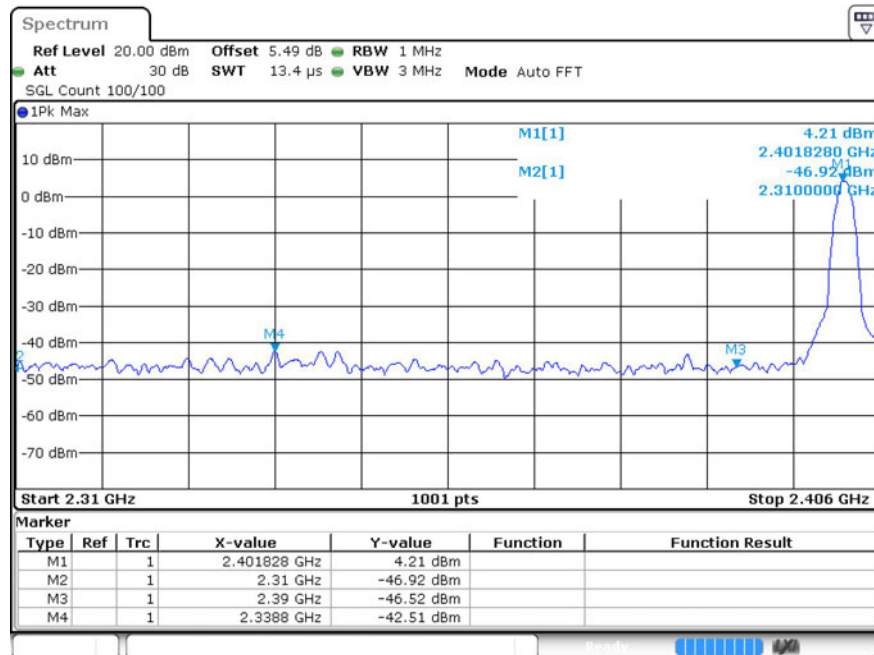
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



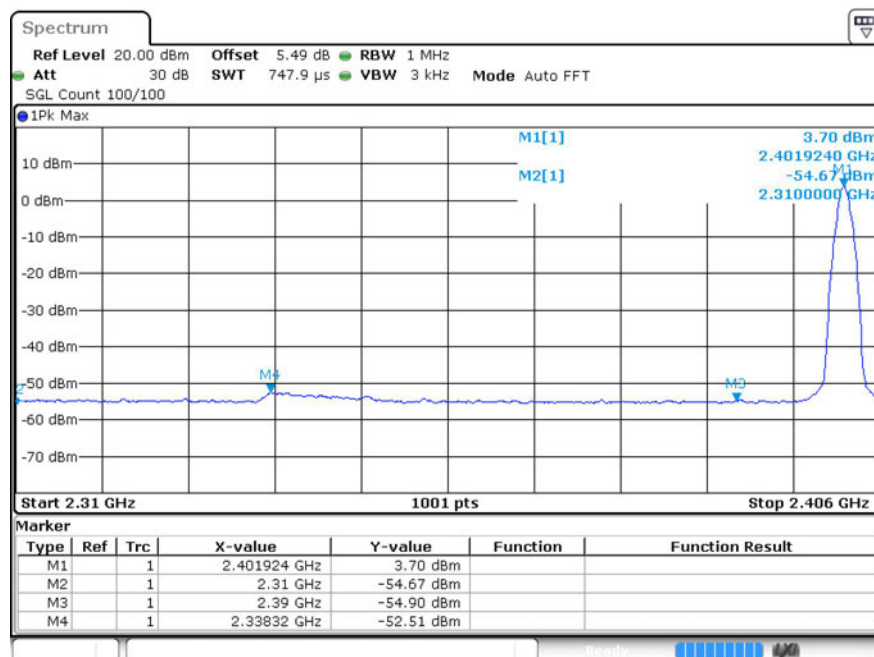
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



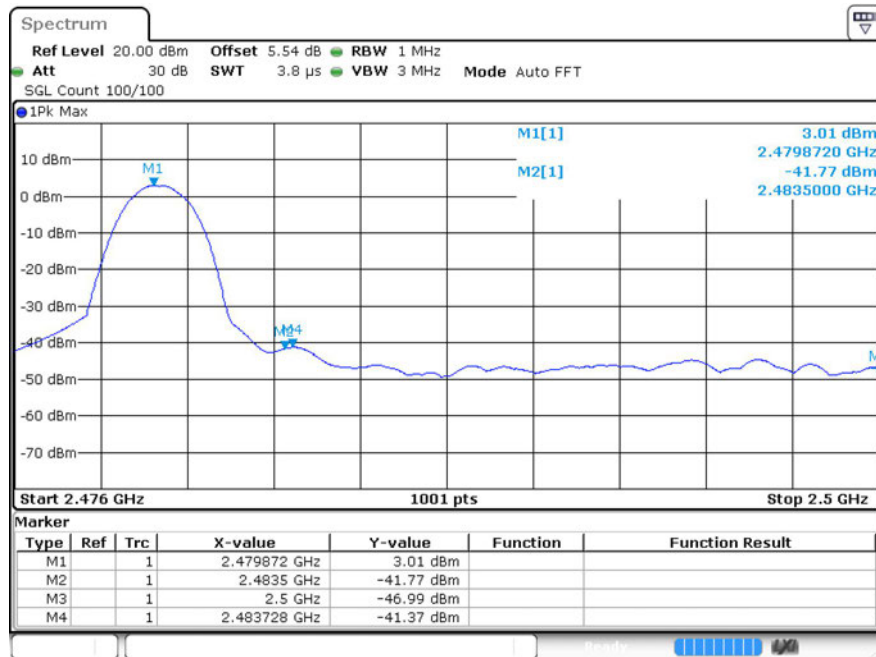
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



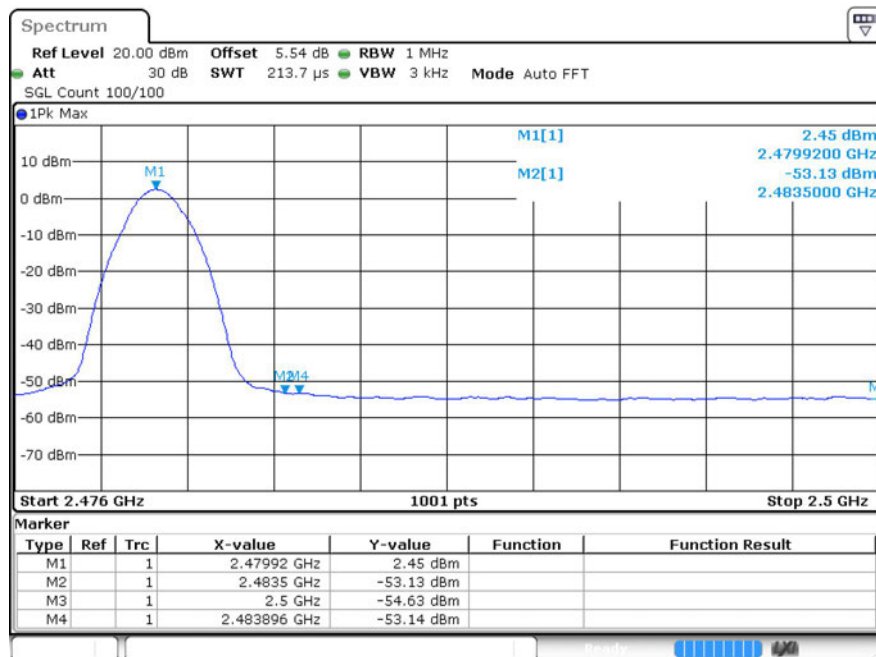
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



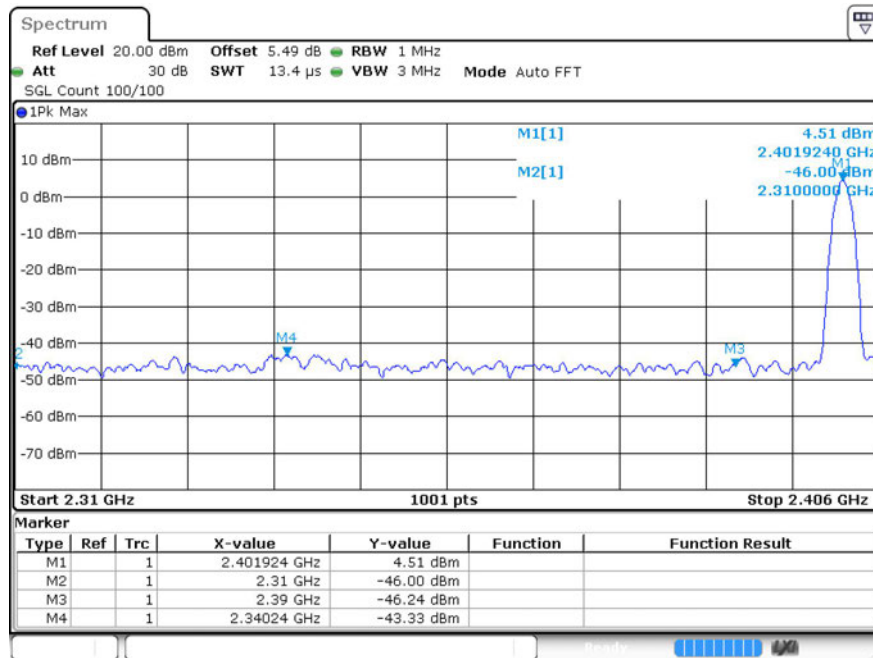
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



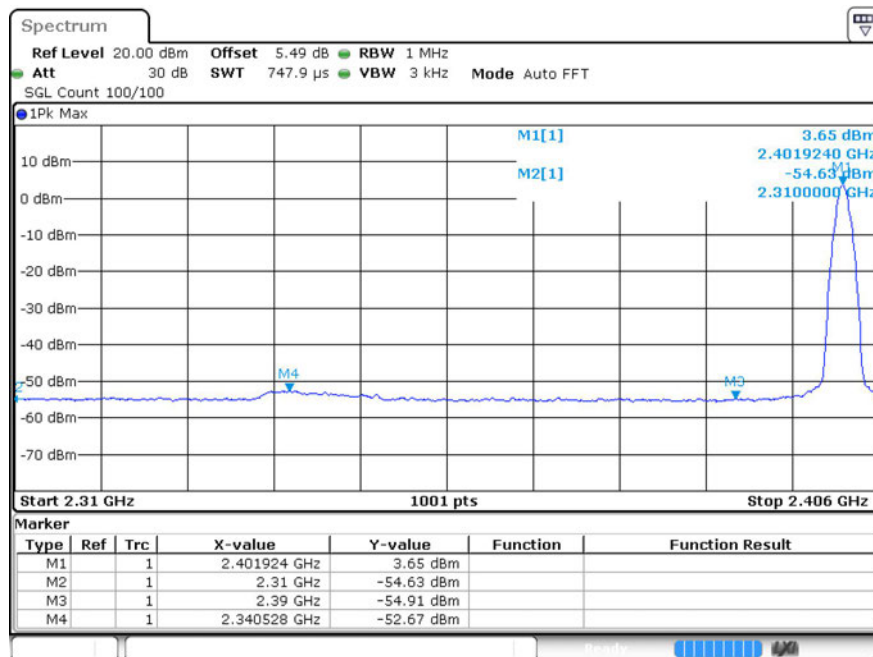
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



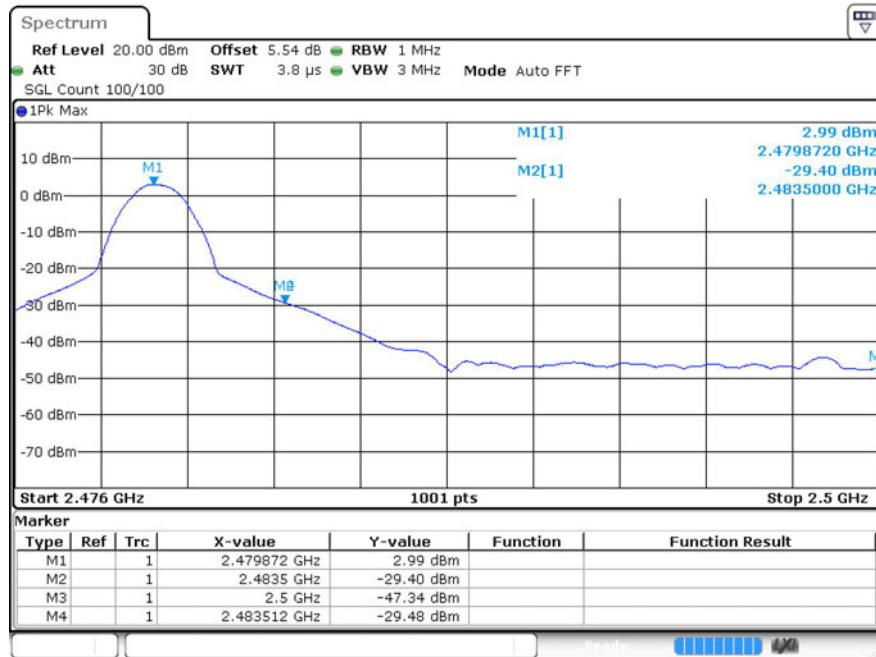
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



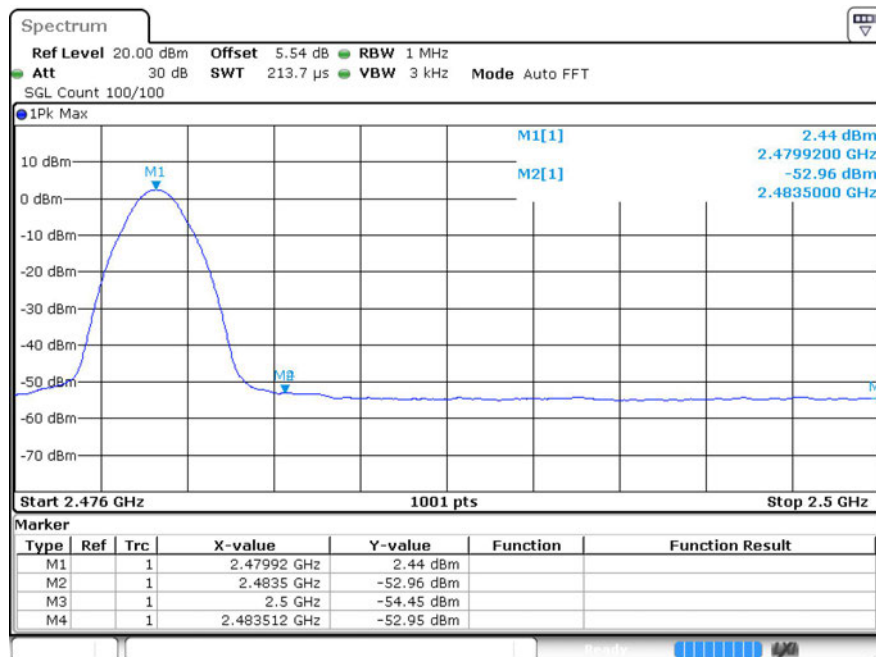
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---