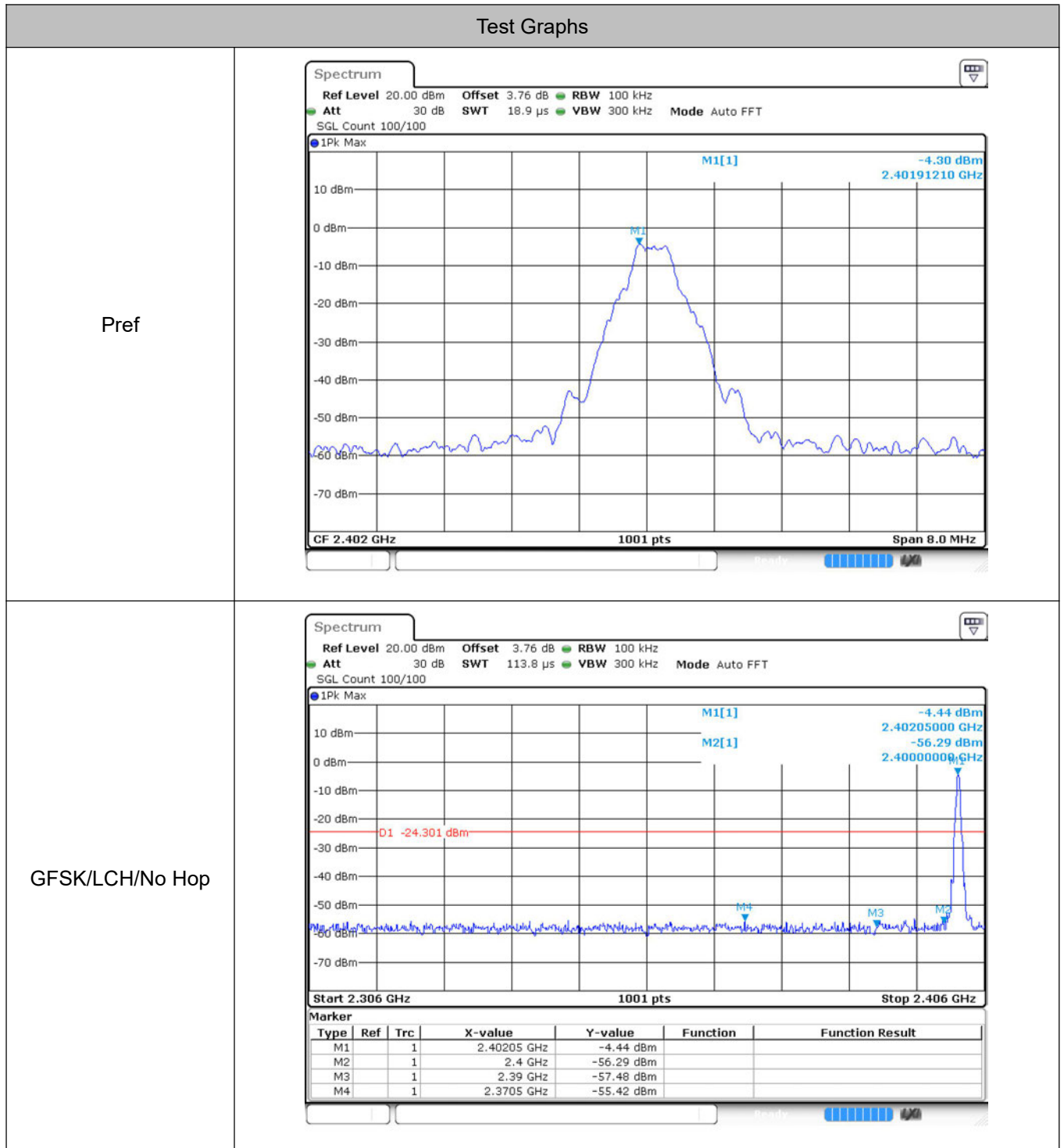


8 Band-edge for RF Conducted Emissions

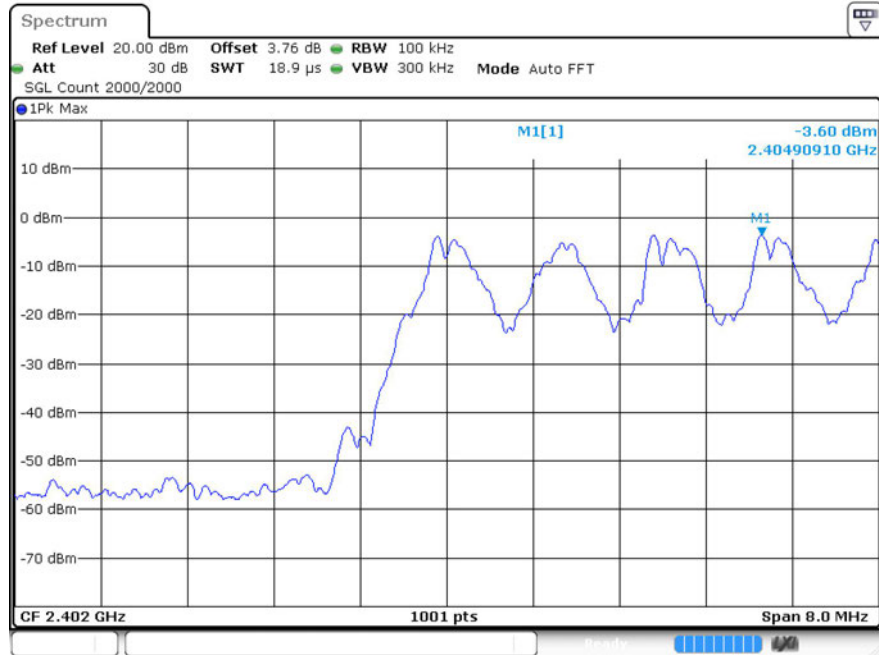
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-51.12	-20	Pass
			On	-49.96	-20	Pass
	HCH	2480	Off	-46.41	-20	Pass
			On	-47.3	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-50.77	-20	Pass
			On	-50.11	-20	Pass
	HCH	2480	Off	-49.62	-20	Pass
			On	-46.99	-20	Pass
8DPSK	LCH	2402	Off	-51.56	-20	Pass
			On	-50.6	-20	Pass
	HCH	2480	Off	-48.55	-20	Pass
			On	-47.89	-20	Pass

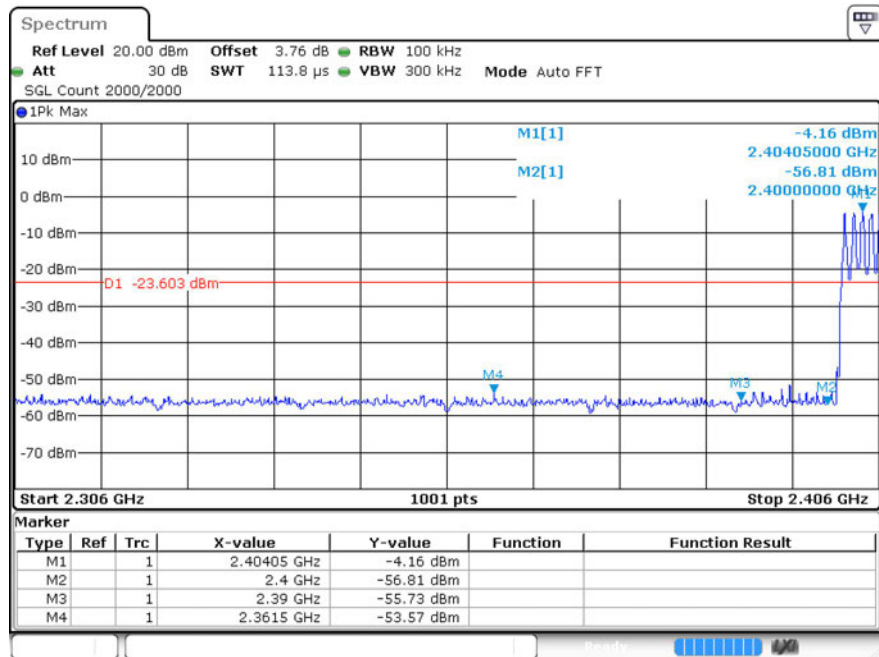
8.2 Test Graphs



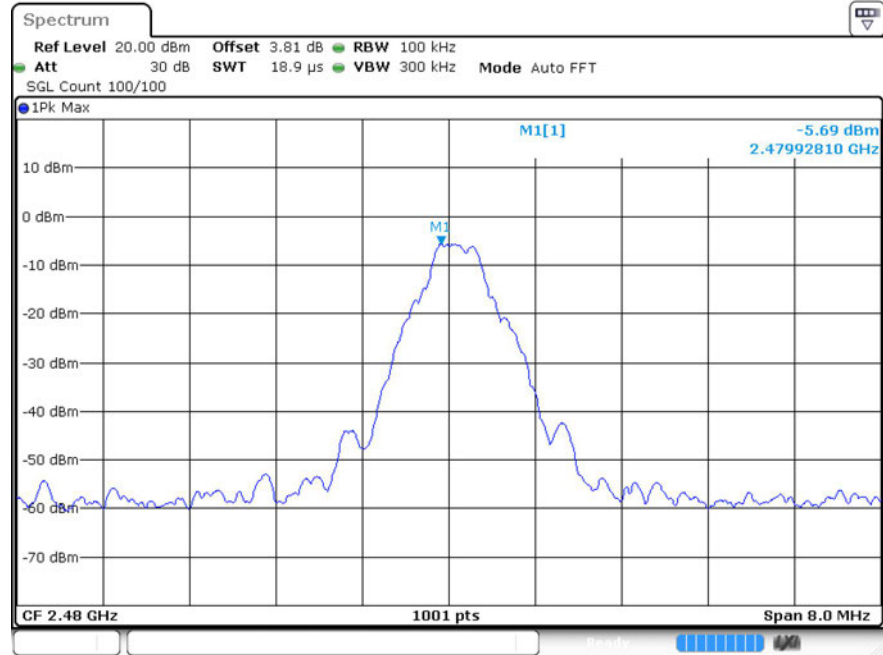
Ref



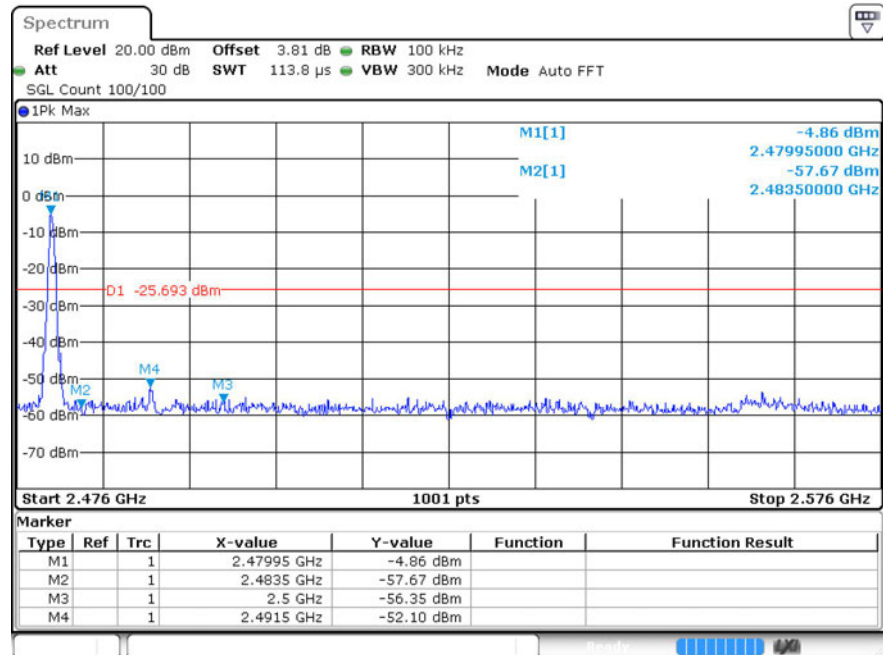
GFSK/LCH/Hop



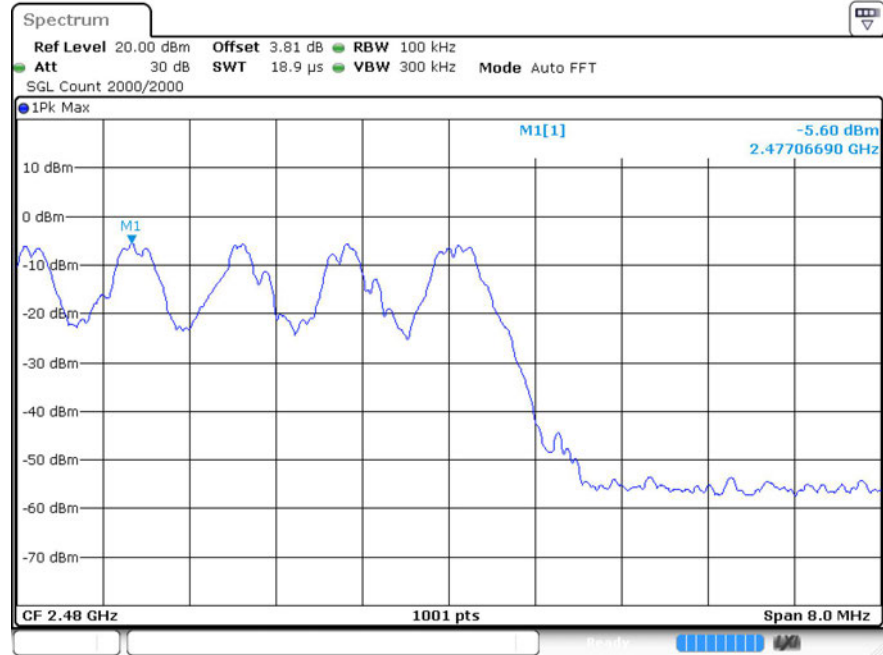
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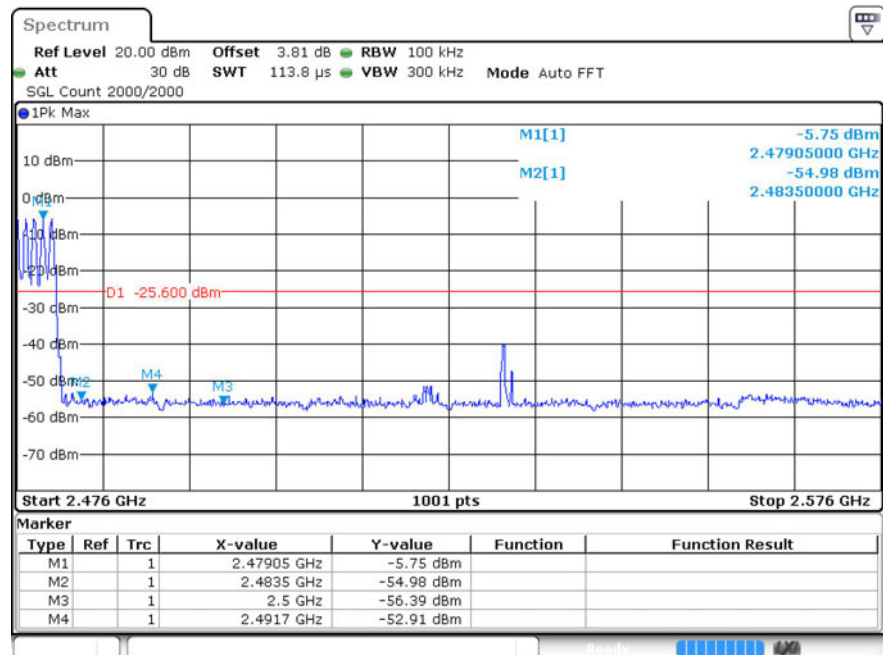
GFSK/HCH/No Hop



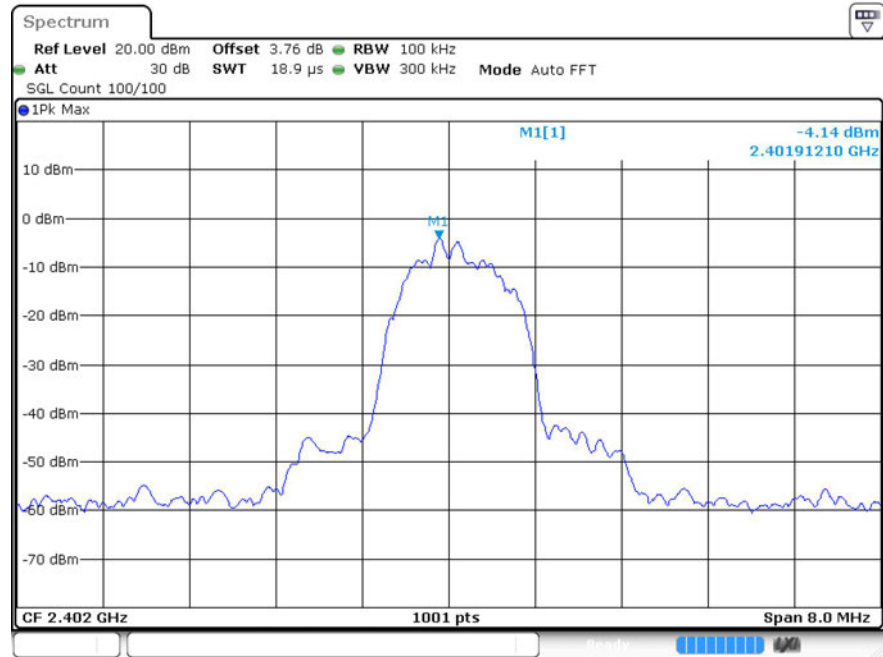
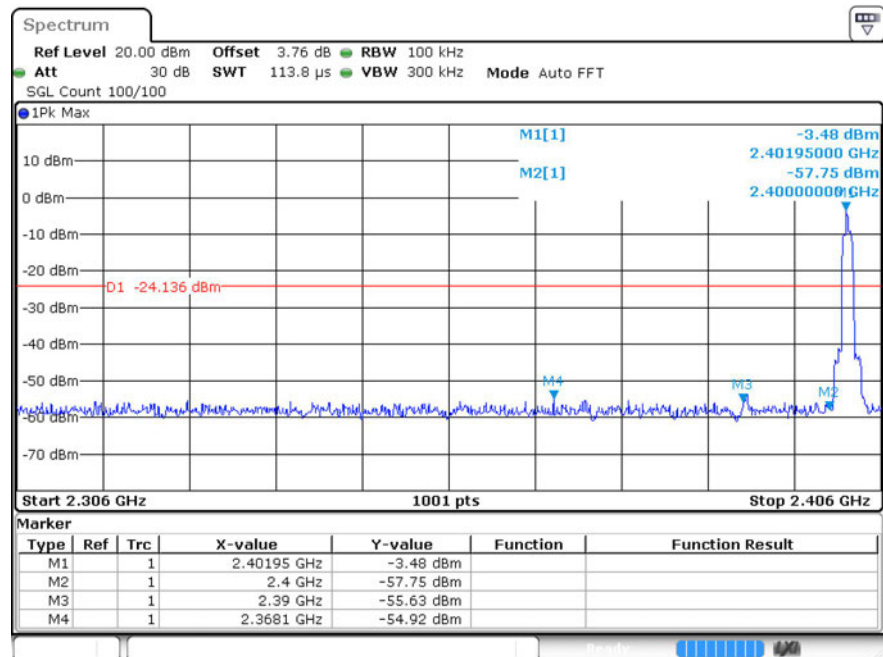
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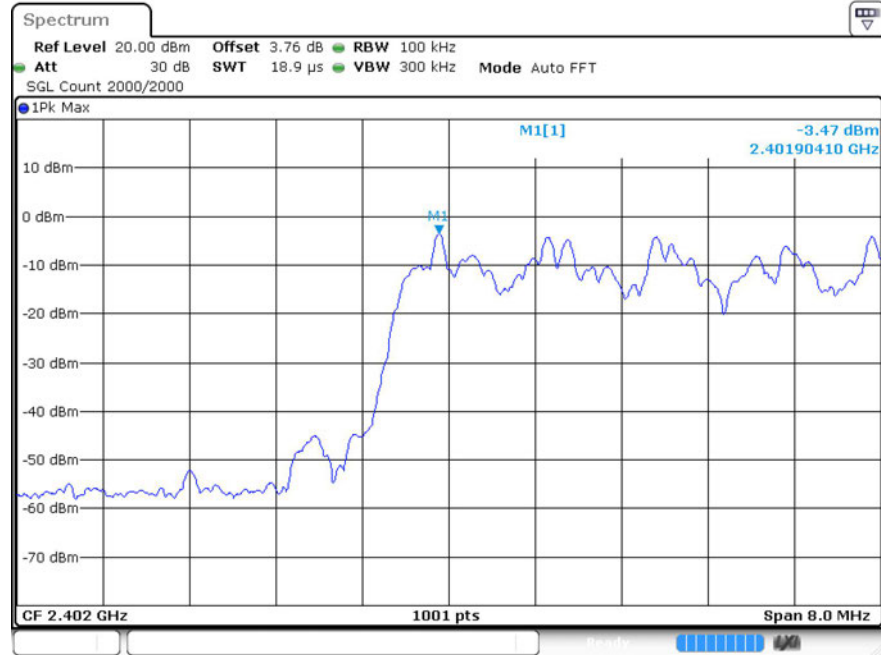
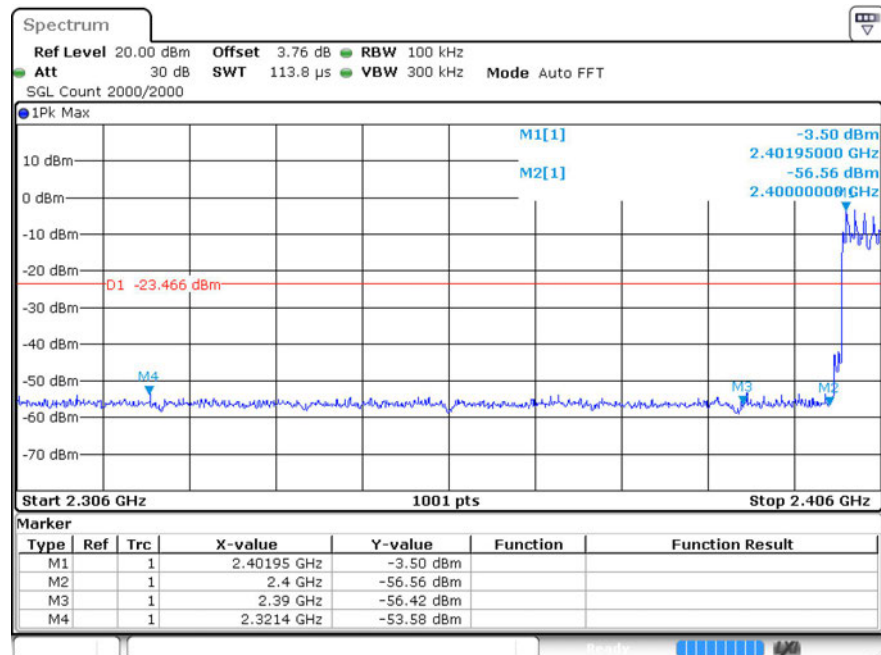
GFSK/HCH/Hop



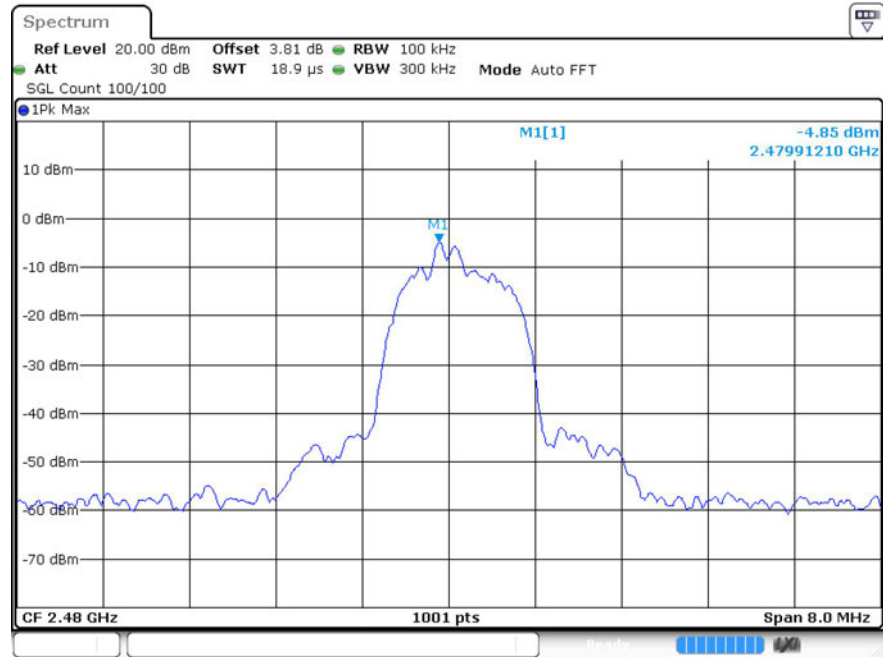
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 $\pi/4$ DQPSK/LCH/No Hop


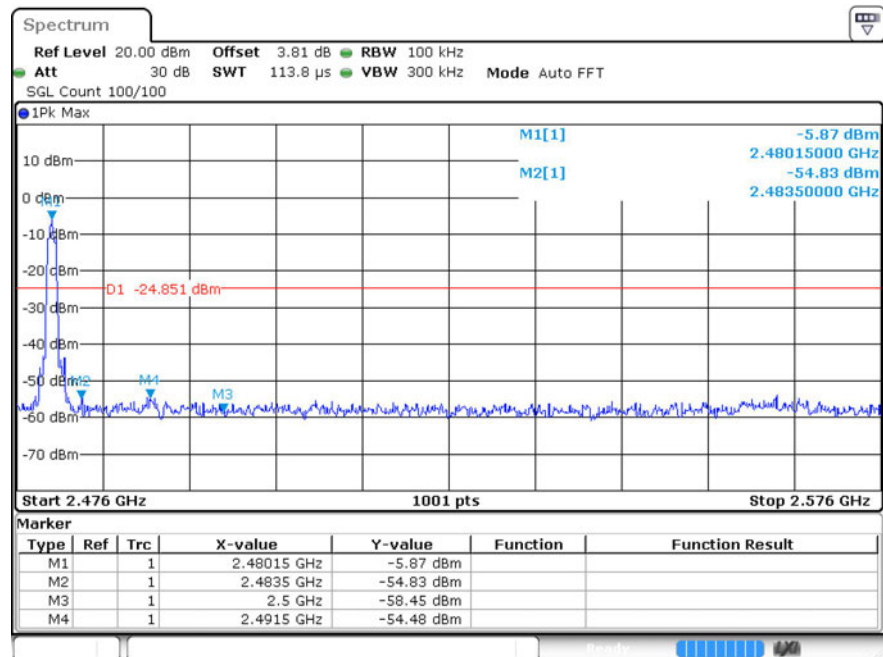
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 $\pi/4$ DQPSK/LCH/Hop


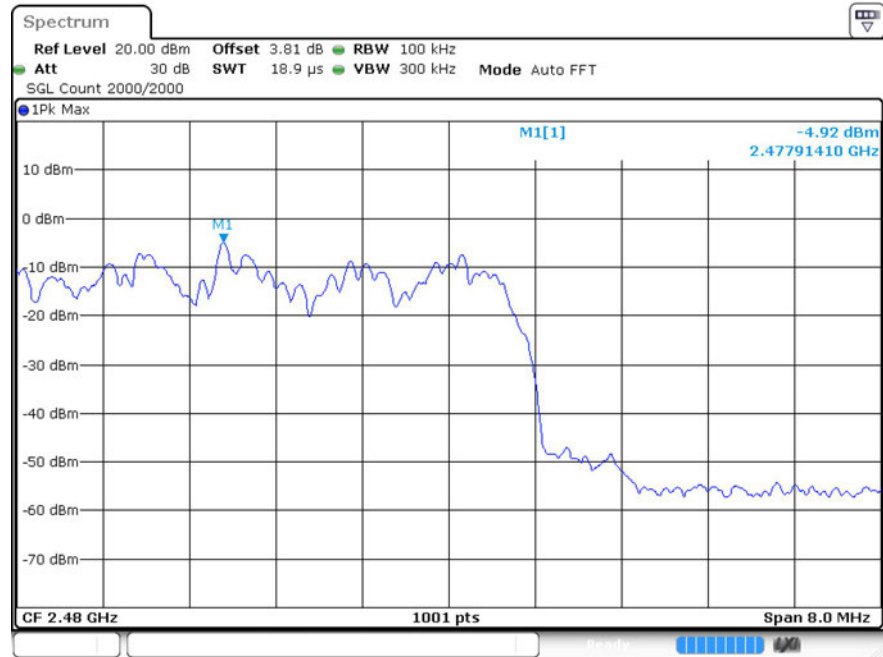
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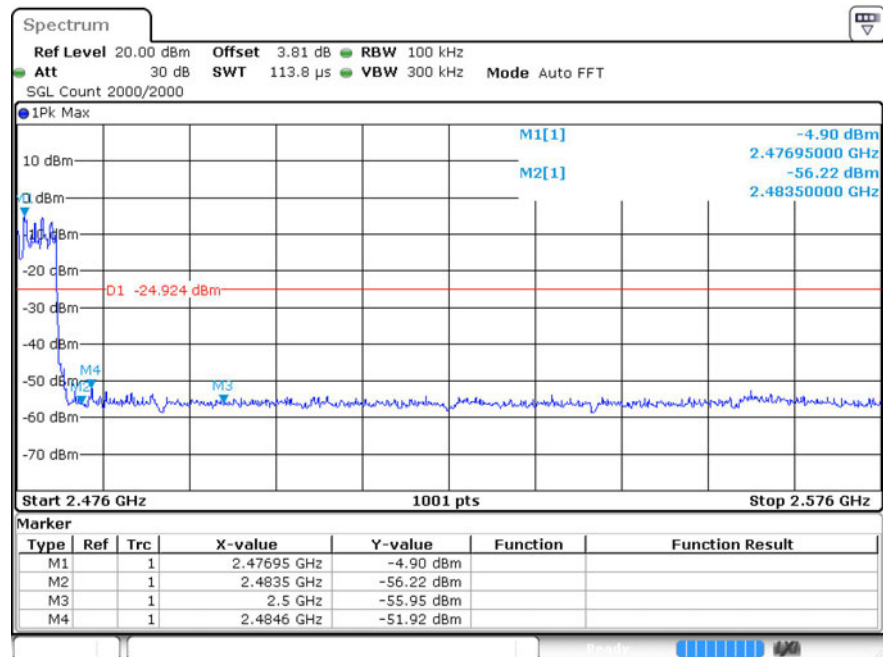
$\pi/4$ DQPSK/HCH/No
Hop



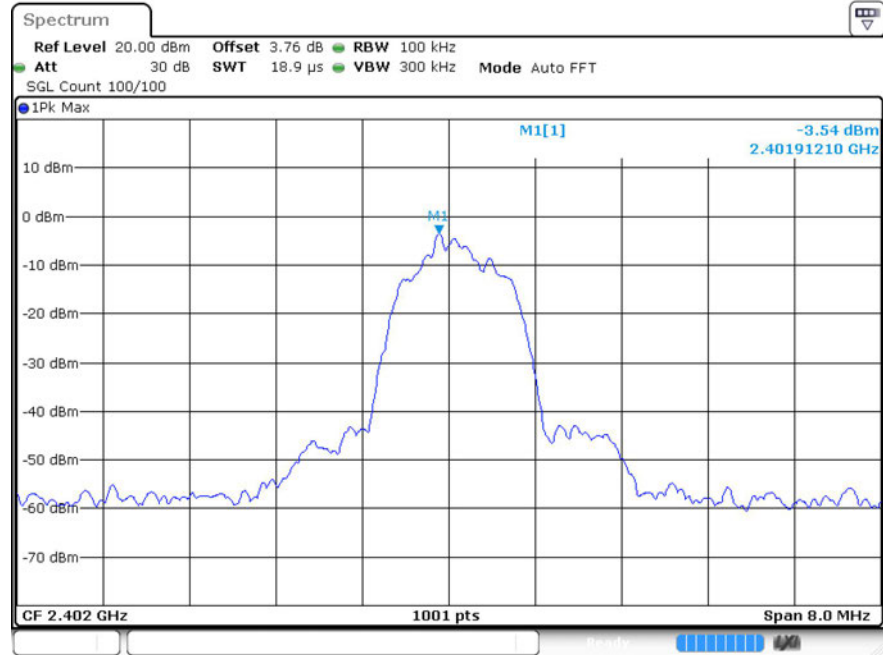
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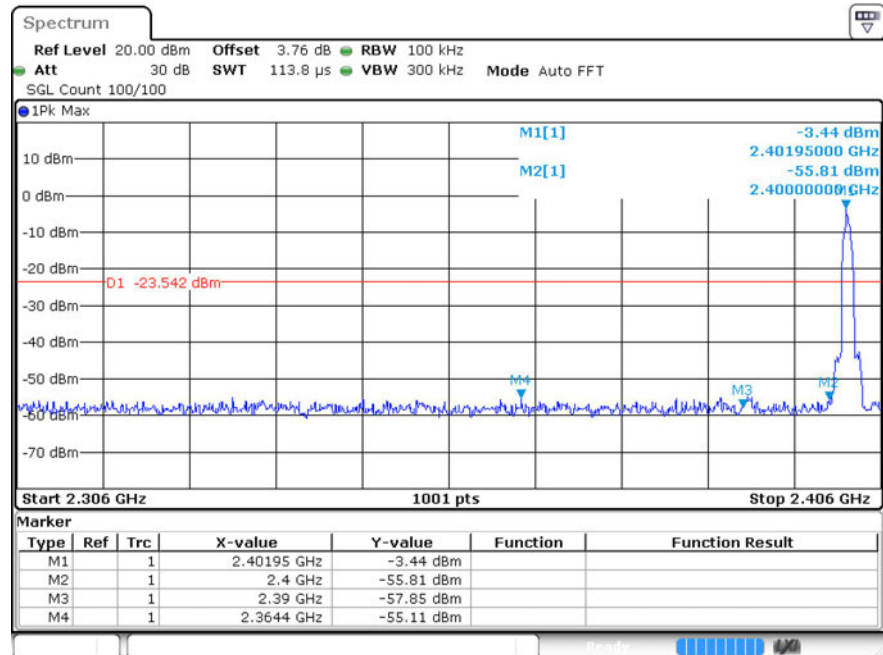
$\pi/4$ DQPSK/HCH/Hop



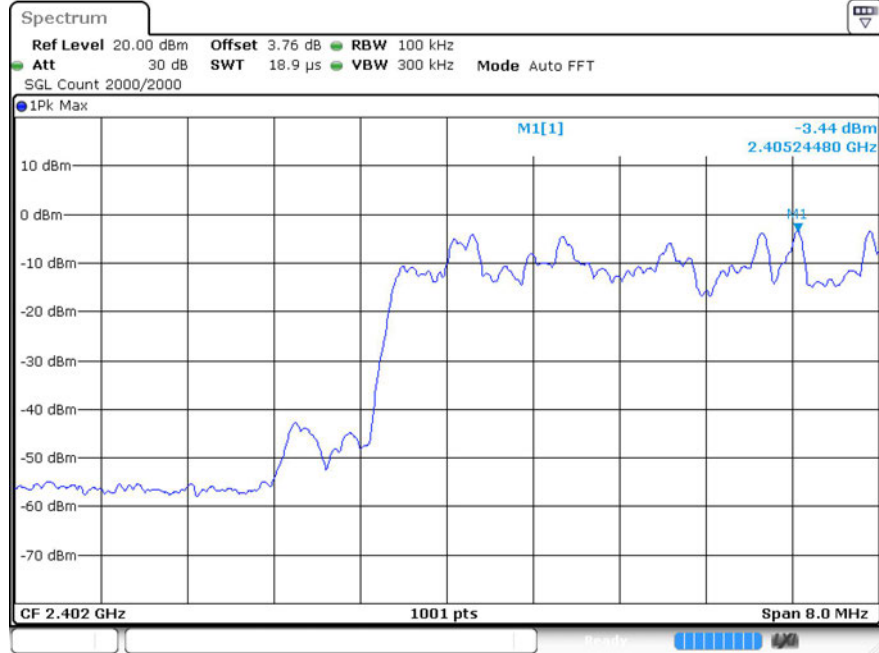
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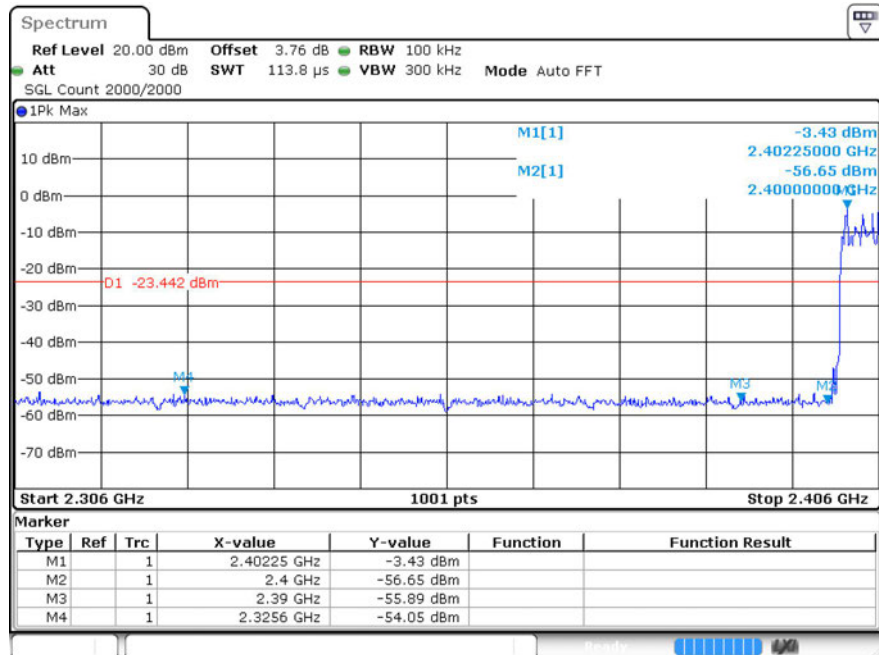
8DPSK/LCH/No Hop



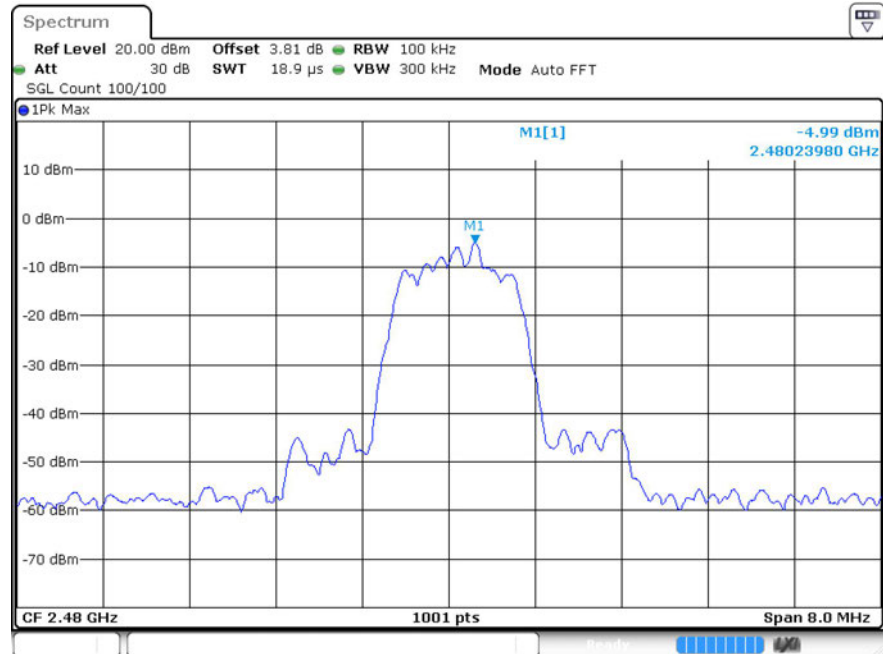
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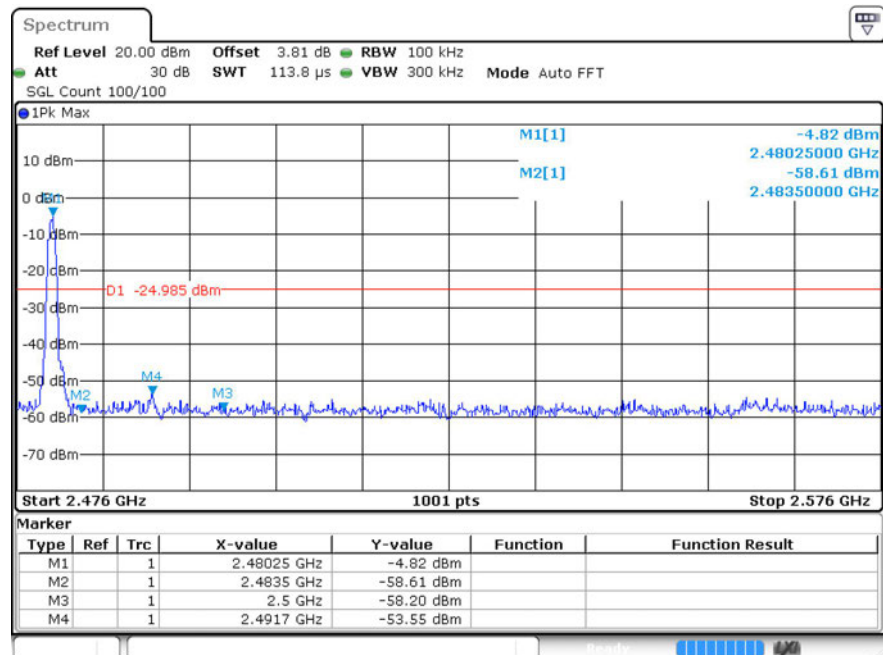
8DPSK/LCH/Hop



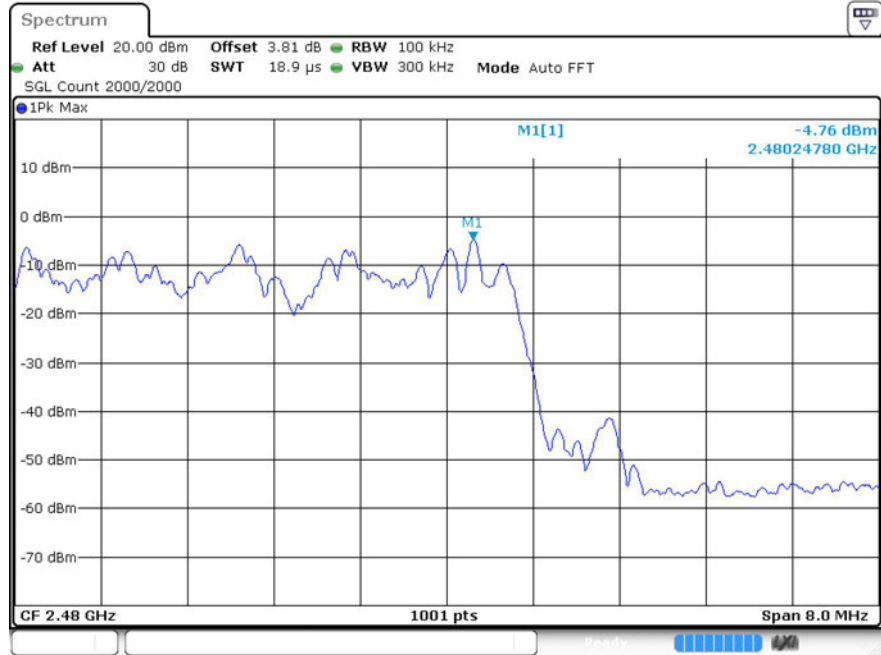
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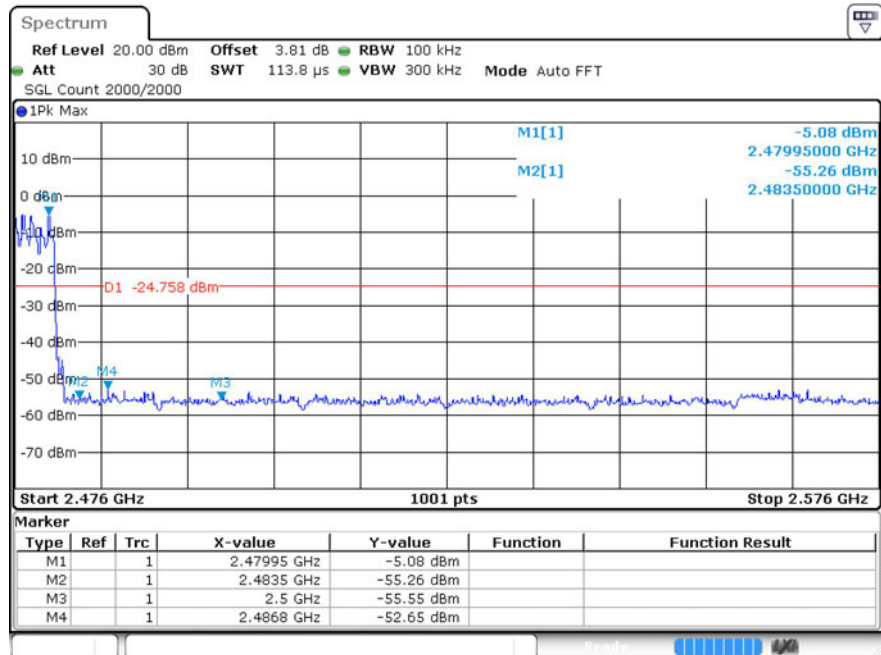
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

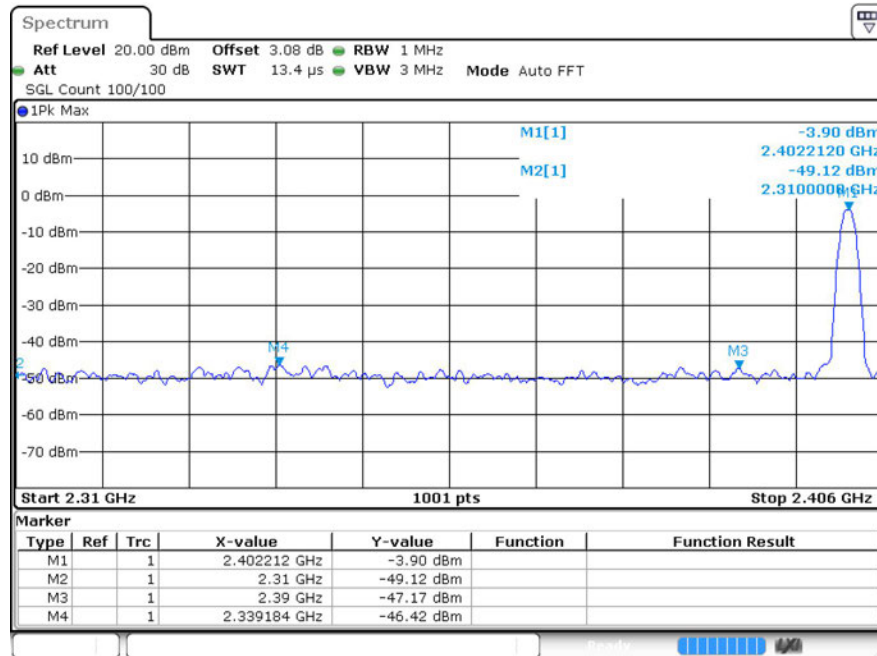
Test Mode	Hopping	Freq.	Power [dBm]	Gain	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-49.12	2	48.14	PEAK	74	Pass
	Off	2310.0	-57.65	2	39.61	AV	54	Pass
	Off	2339.184	-46.41	2	50.85	PEAK	74	Pass
	Off	2339.184	-55.68	2	41.58	AV	54	Pass
	Off	2390.0	-47.16	2	50.1	PEAK	74	Pass
	Off	2390.0	-55.33	2	41.93	AV	54	Pass
	Off	2483.5	-48.83	2	48.43	PEAK	74	Pass
	Off	2483.5	-56.75	2	40.51	AV	54	Pass
	Off	2495.152	-45.62	2	51.64	PEAK	74	Pass
	Off	2491.504	-54.32	2	42.94	AV	54	Pass
	Off	2500.0	-50.2	2	47.06	PEAK	74	Pass
	Off	2500.0	-57.91	2	39.35	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-49.39	2	47.87	PEAK	74	Pass
	Off	2310.0	-57.64	2	39.62	AV	54	Pass
	Off	2338.128	-44.77	2	52.49	PEAK	74	Pass
	Off	2341.008	-55.54	2	41.72	AV	54	Pass
	Off	2390.0	-48.94	2	48.32	PEAK	74	Pass
	Off	2390.0	-55.94	2	41.32	AV	54	Pass
	Off	2483.5	-47.94	2	49.32	PEAK	74	Pass
	Off	2483.5	-57.21	2	40.05	AV	54	Pass
	Off	2498.56	-44.78	2	52.48	PEAK	74	Pass
	Off	2491.48	-55.03	2	42.23	AV	54	Pass
	Off	2500.0	-49.45	2	47.81	PEAK	74	Pass
	Off	2500.0	-57.69	2	39.57	AV	54	Pass
8DPSK	Off	2310.0	-49.77	2	47.49	PEAK	74	Pass
	Off	2310.0	-57.53	2	39.73	AV	54	Pass
	Off	2346.192	-45.95	2	51.31	PEAK	74	Pass
	Off	2340.432	-55.28	2	41.98	AV	54	Pass



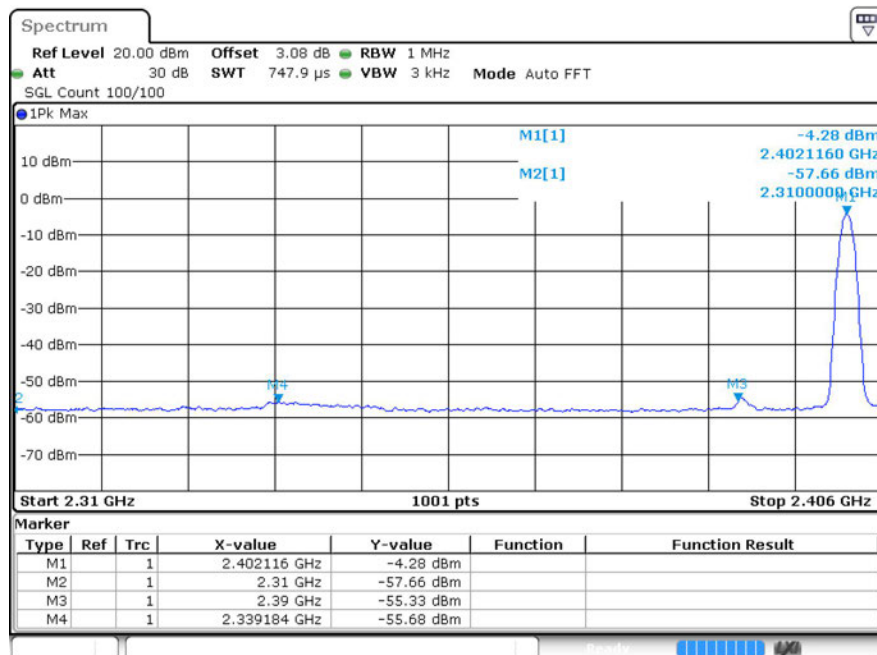
	Off	2390.0	-47.71	2	49.55	PEAK	74	Pass
	Off	2390.0	-56.06	2	41.2	AV	54	Pass
	Off	2483.5	-50.49	2	46.77	PEAK	74	Pass
	Off	2483.5	-57.21	2	40.05	AV	54	Pass
	Off	2484.712	-46.02	2	51.24	PEAK	74	Pass
	Off	2491.624	-54.92	2	42.34	AV	54	Pass
	Off	2500.0	-48.63	2	48.63	PEAK	74	Pass
	Off	2500.0	-57.53	2	39.73	AV	54	Pass

9.2 Test Graphs

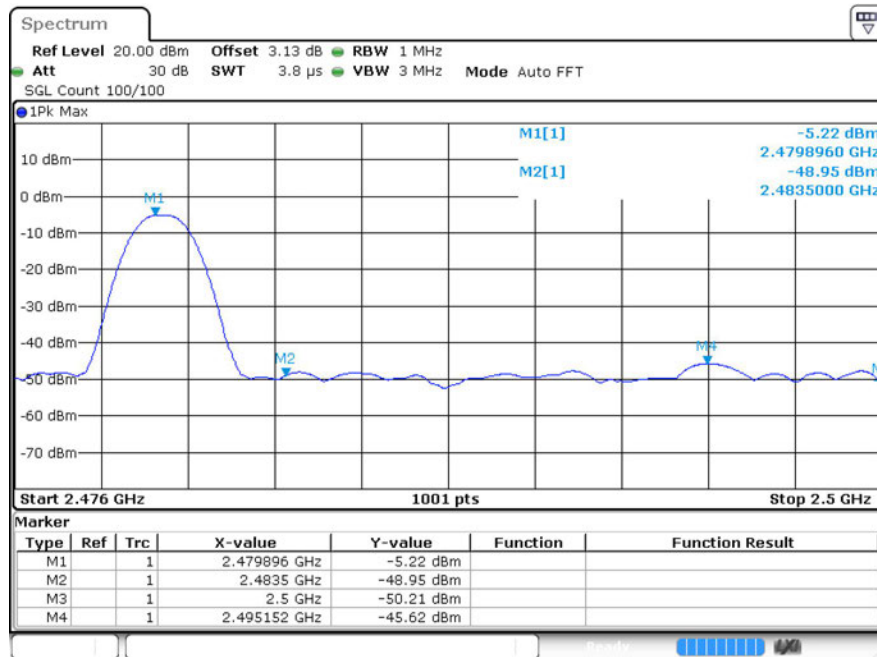
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



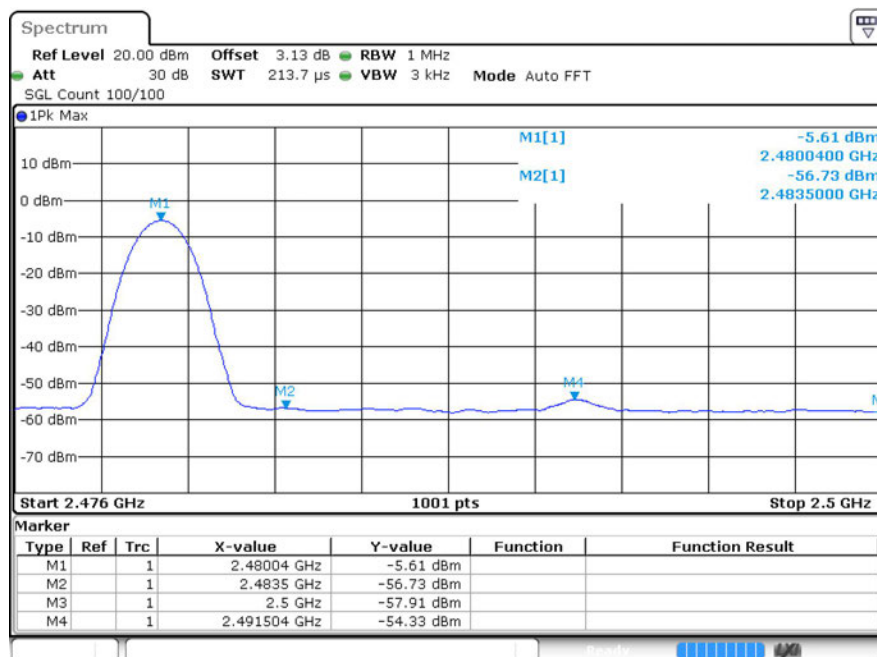
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



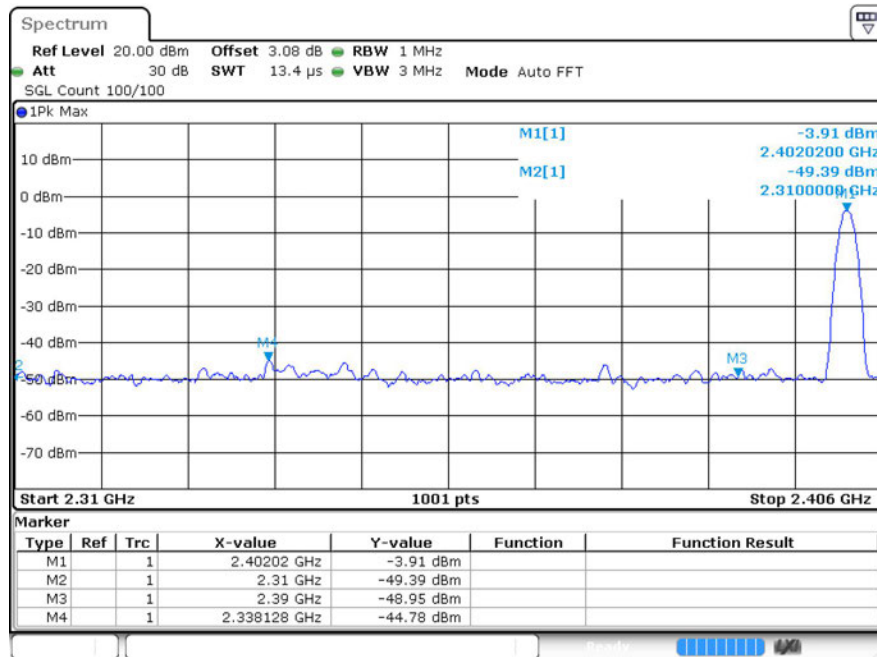
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



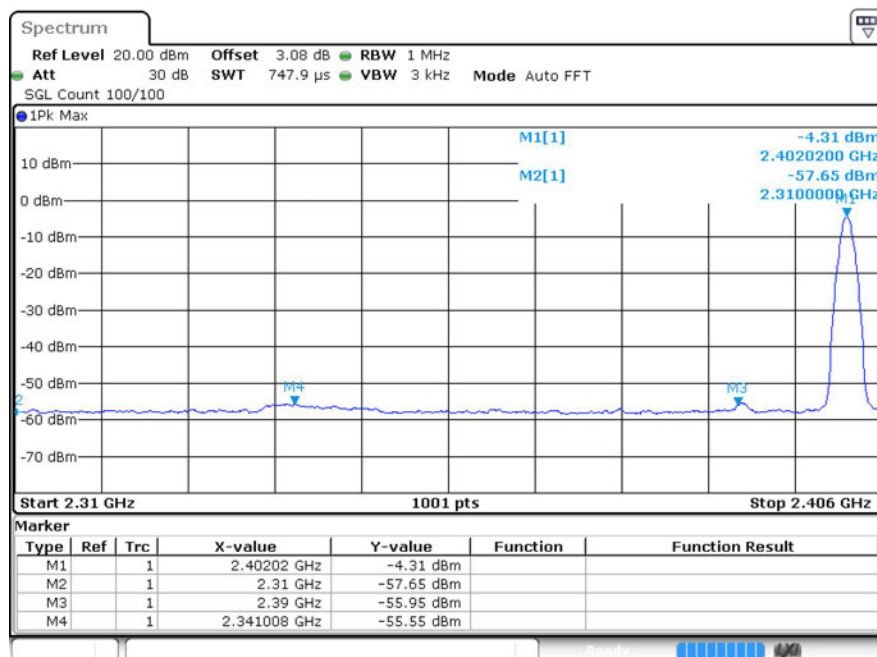
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



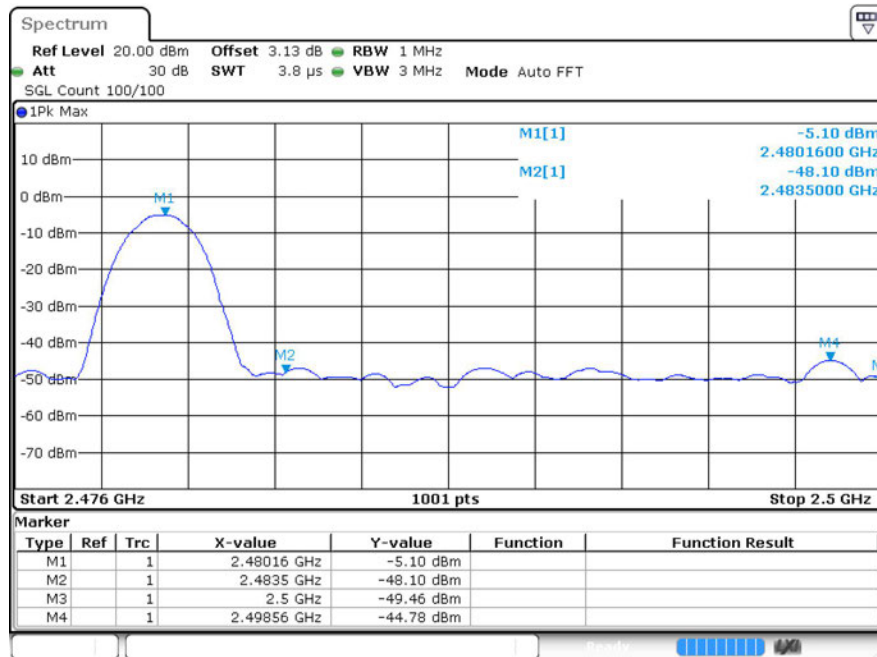
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



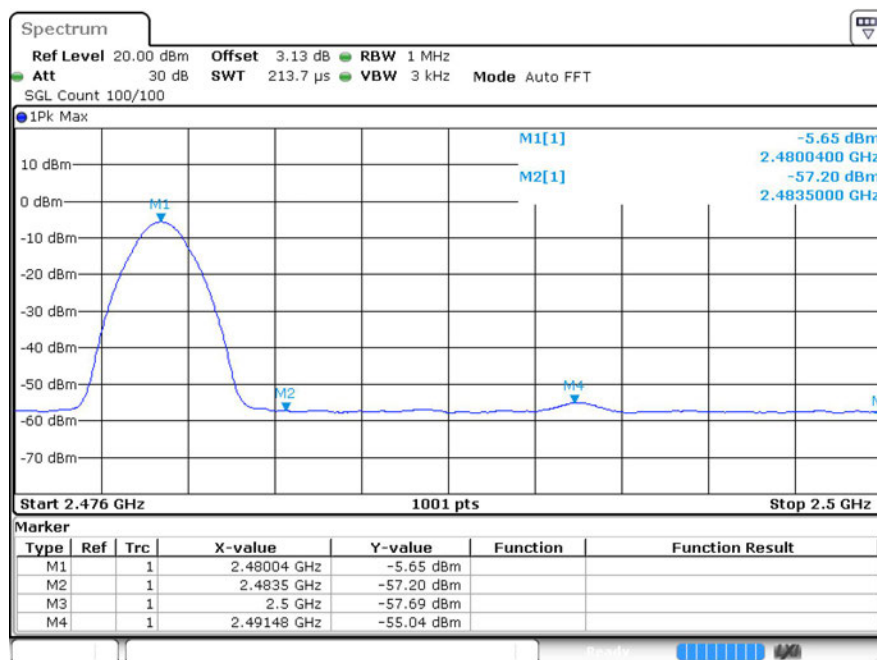
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



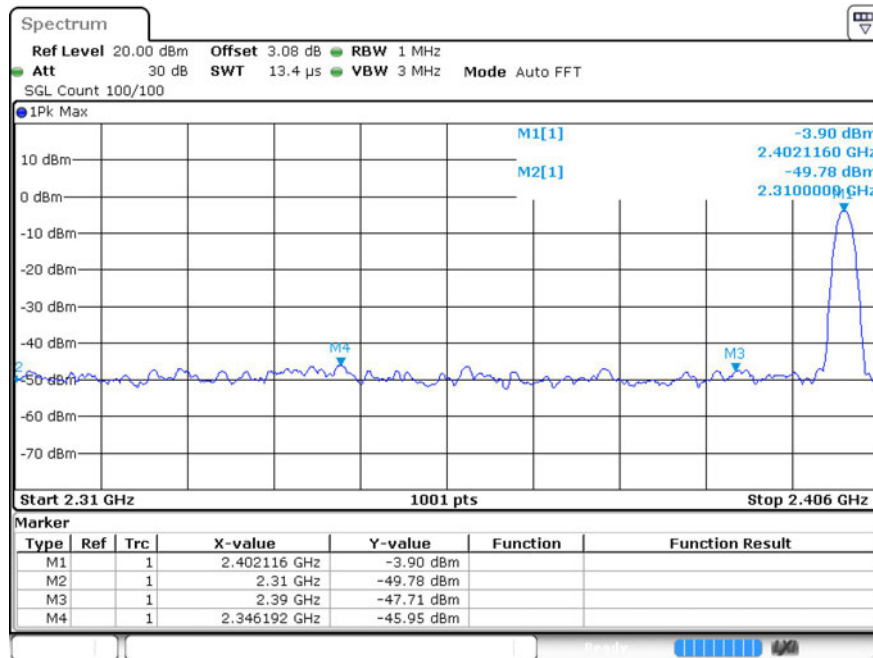
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



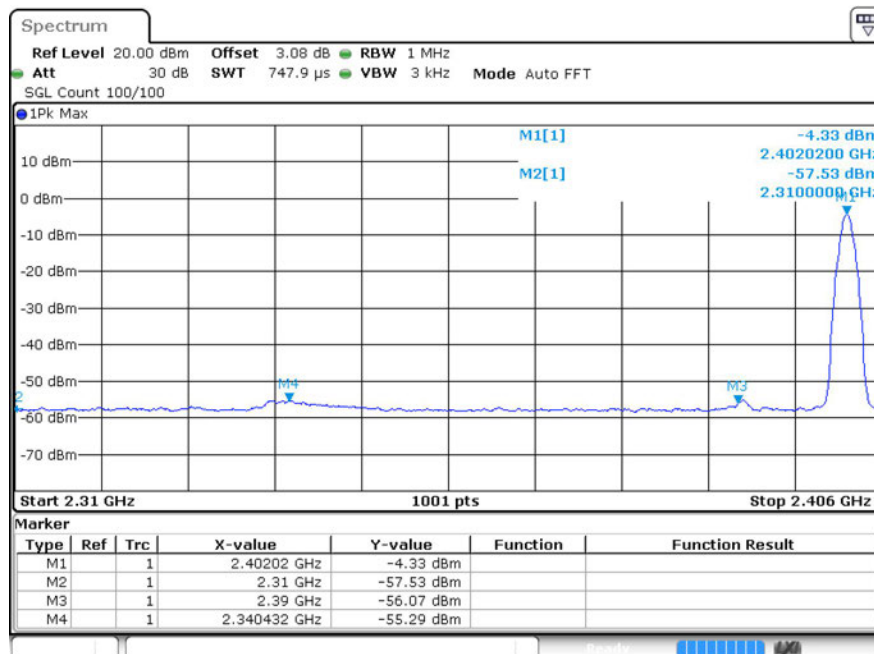
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



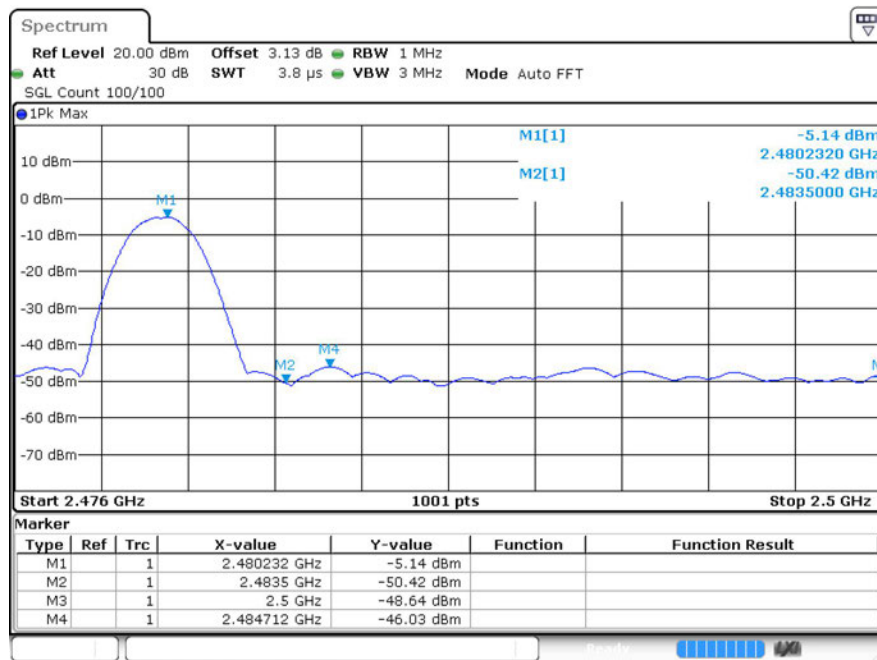
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



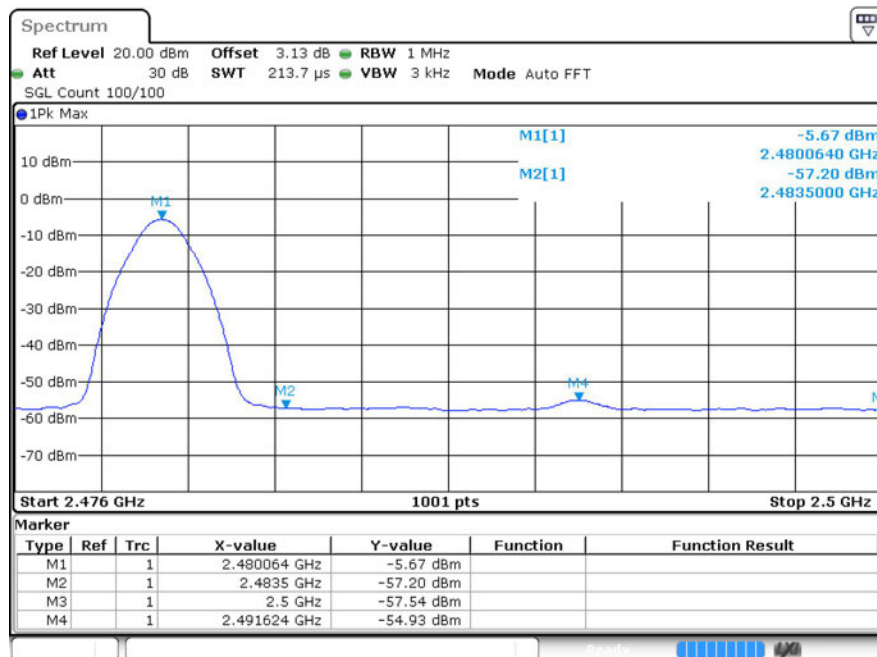
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---