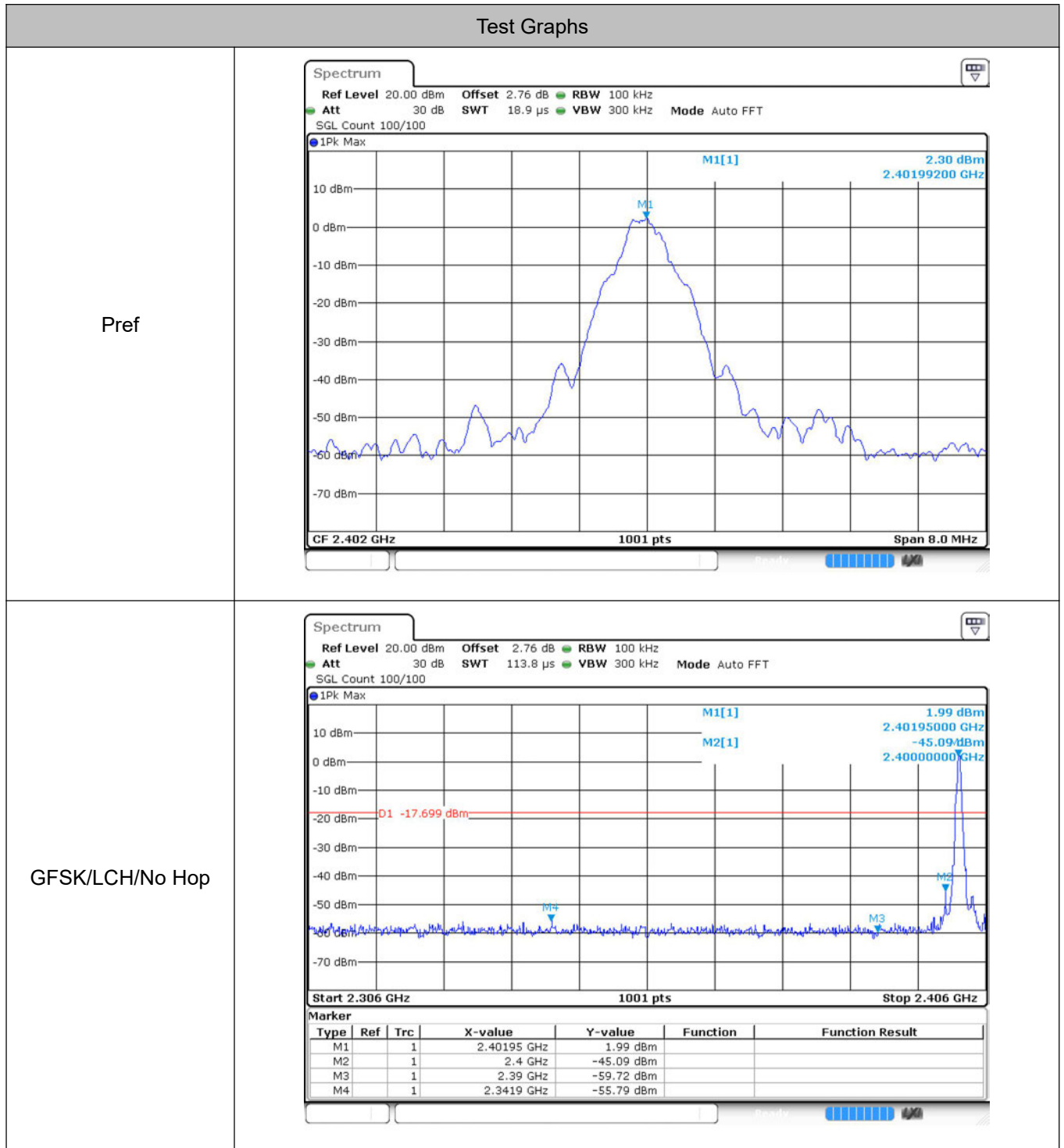


8 Band-edge for RF Conducted Emissions

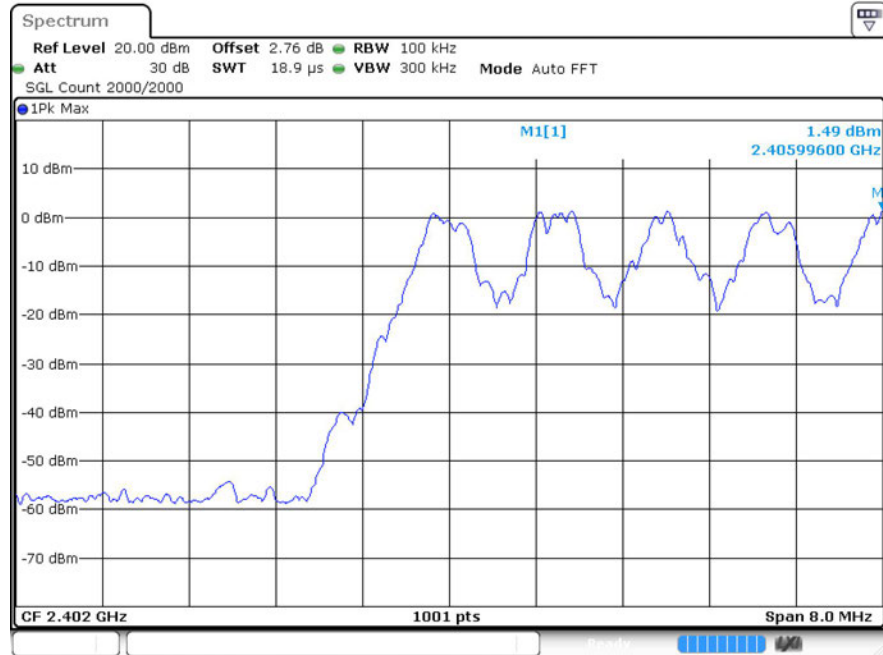
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-58.08	-20	Pass
			On	-55.96	-20	Pass
	HCH	2480	Off	-52.7	-20	Pass
			On	-54.43	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-57.15	-20	Pass
			On	-54.29	-20	Pass
	HCH	2480	Off	-49.58	-20	Pass
			On	-51.31	-20	Pass
8DPSK	LCH	2402	Off	-56.48	-20	Pass
			On	-54.64	-20	Pass
	HCH	2480	Off	-56.3	-20	Pass
			On	-50.92	-20	Pass

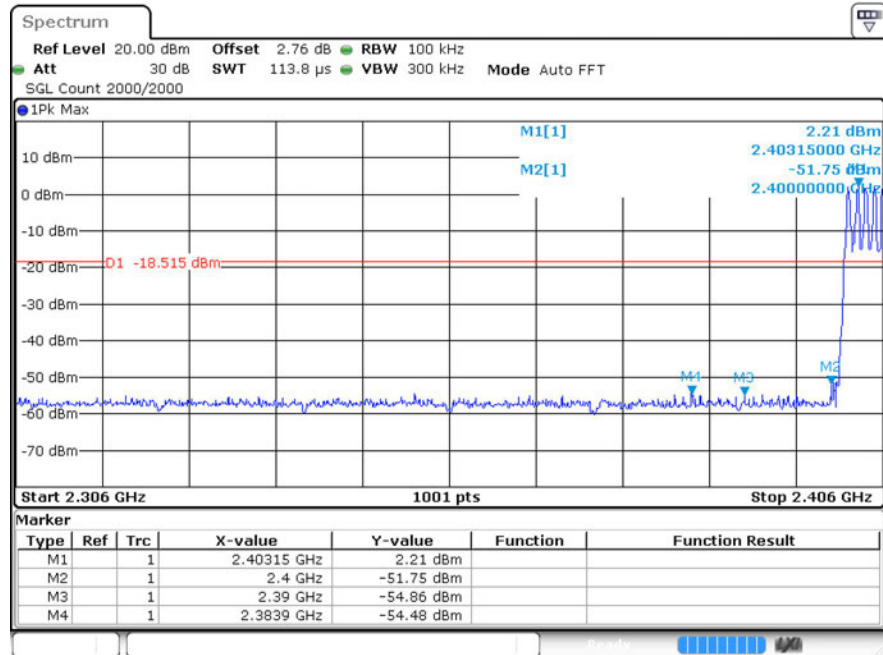
8.2 Test Graphs



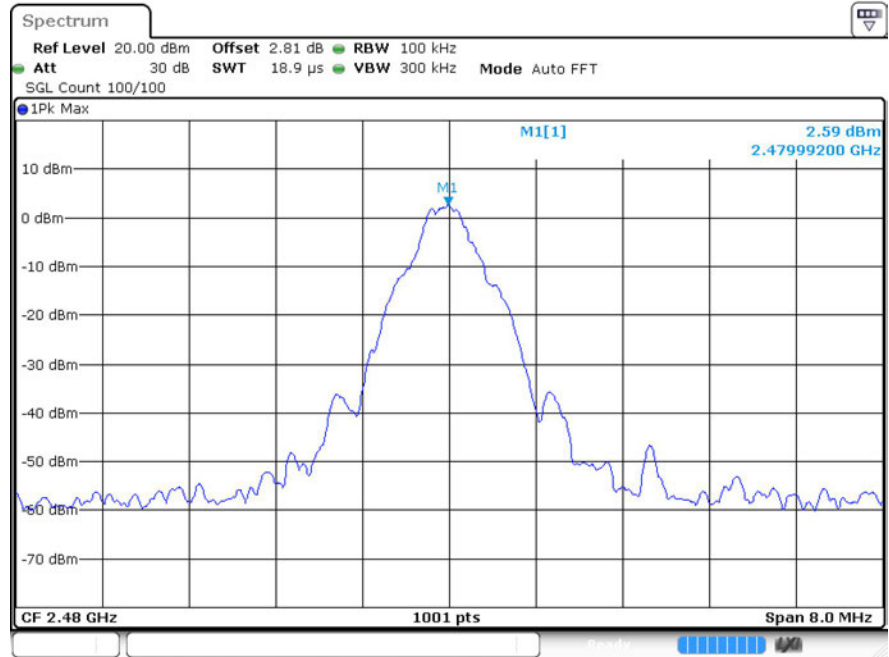
Ref



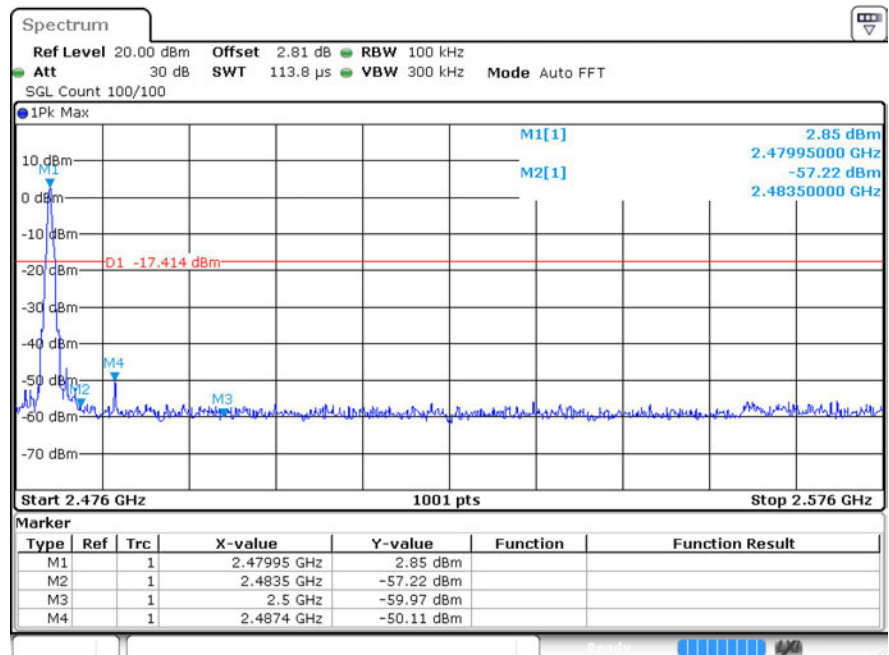
GFSK/LCH/Hop



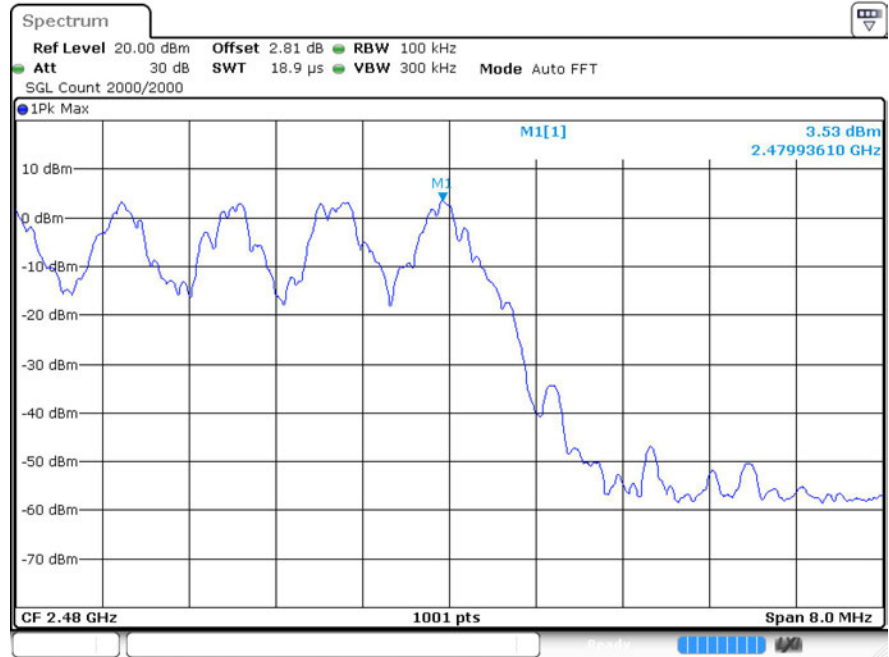
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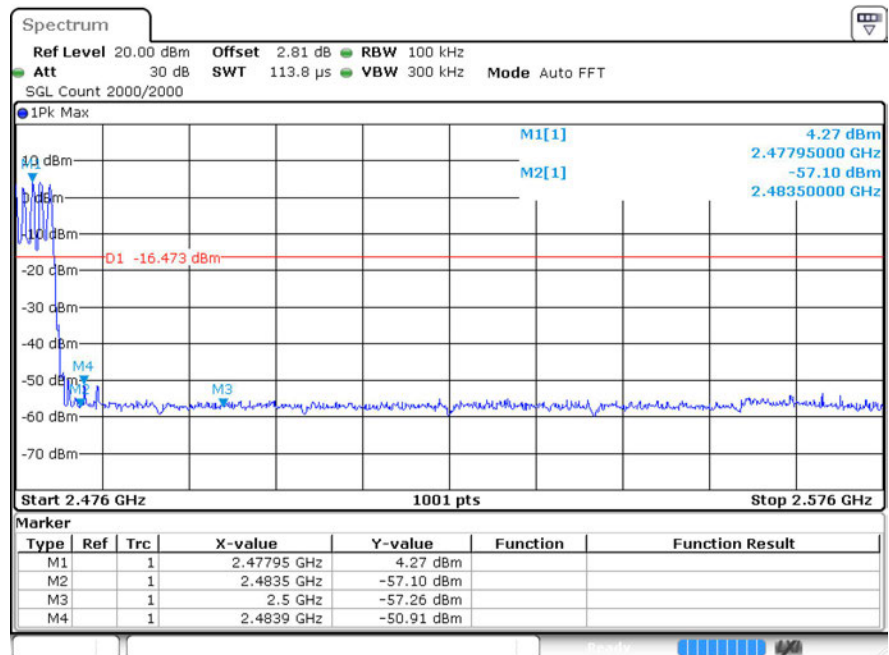
GFSK/HCH/No Hop



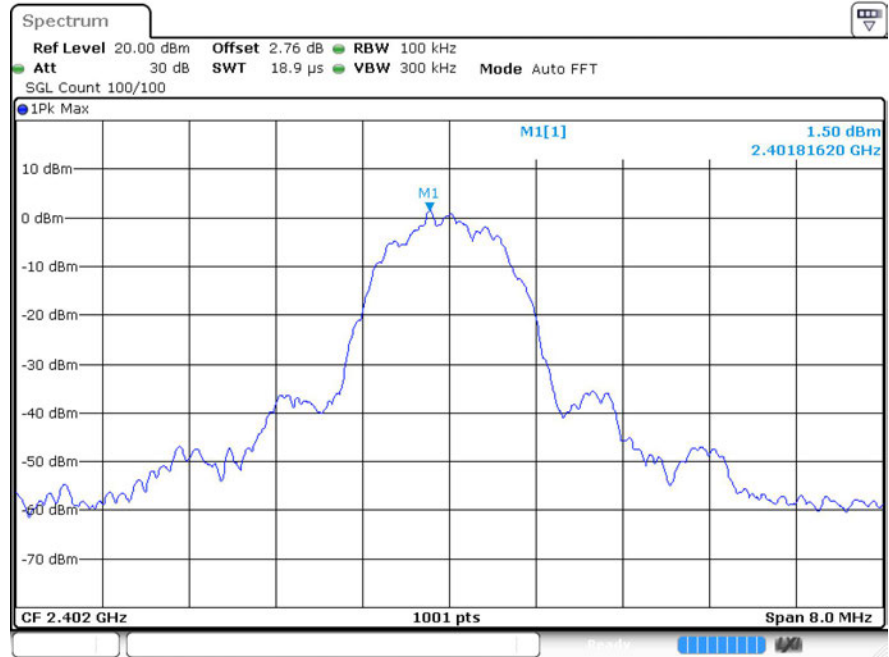
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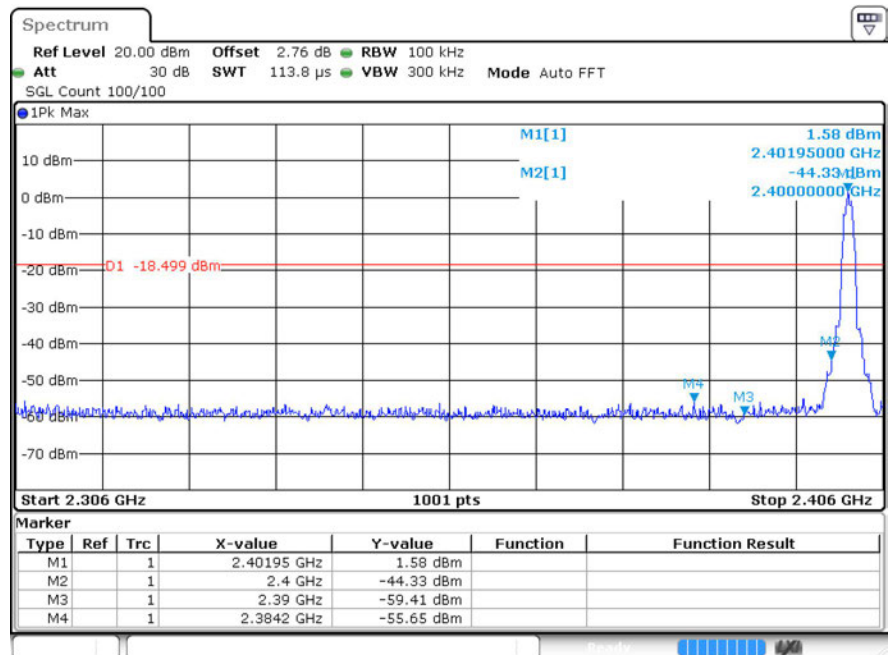
GFSK/HCH/Hop



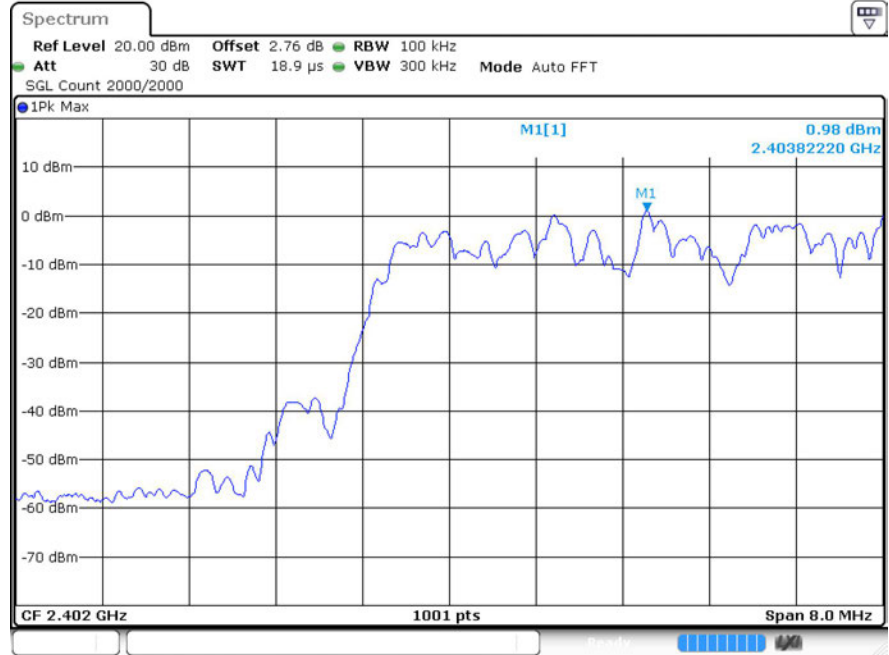
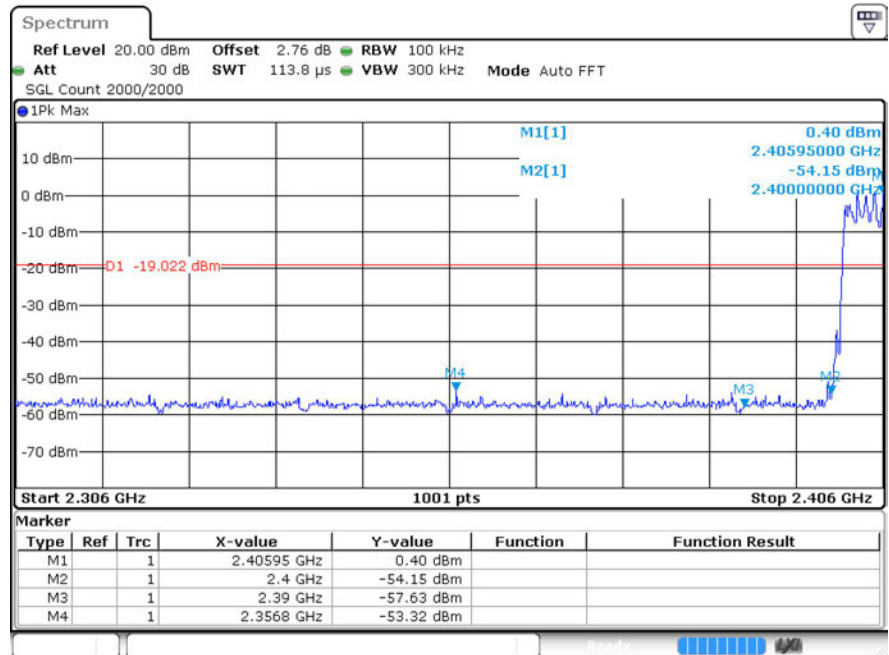
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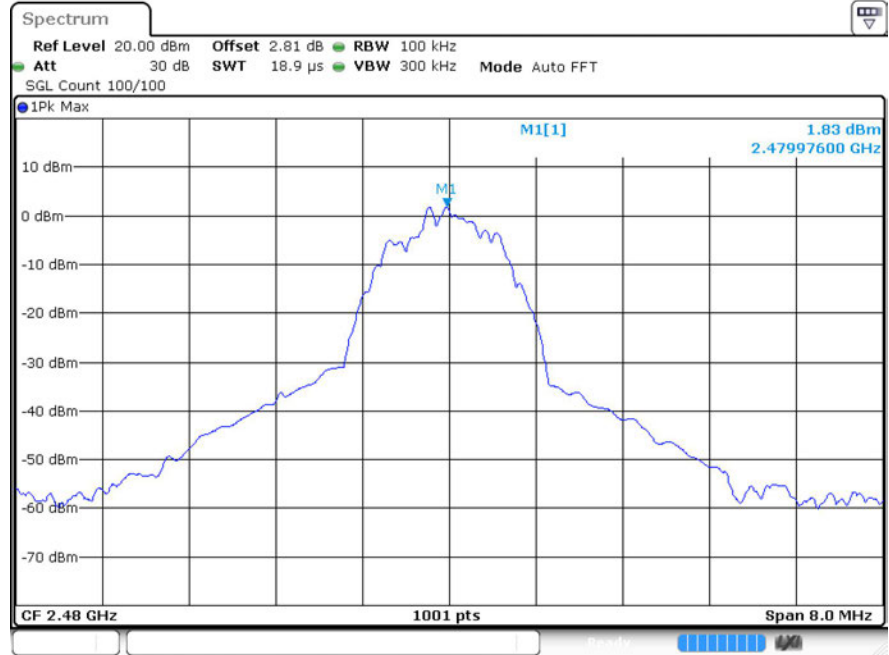
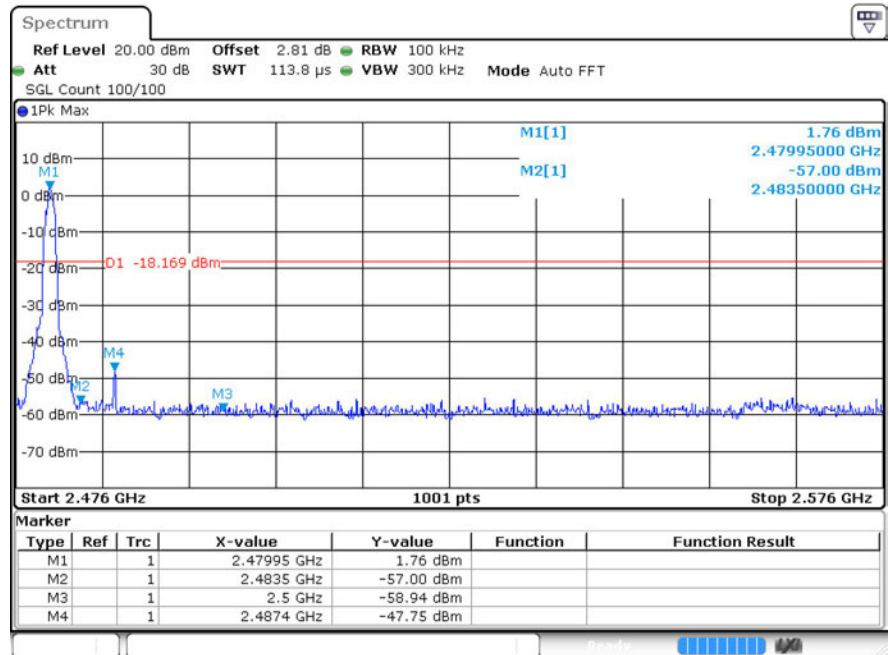
$\pi/4$ DQPSK/LCH/No
Hop



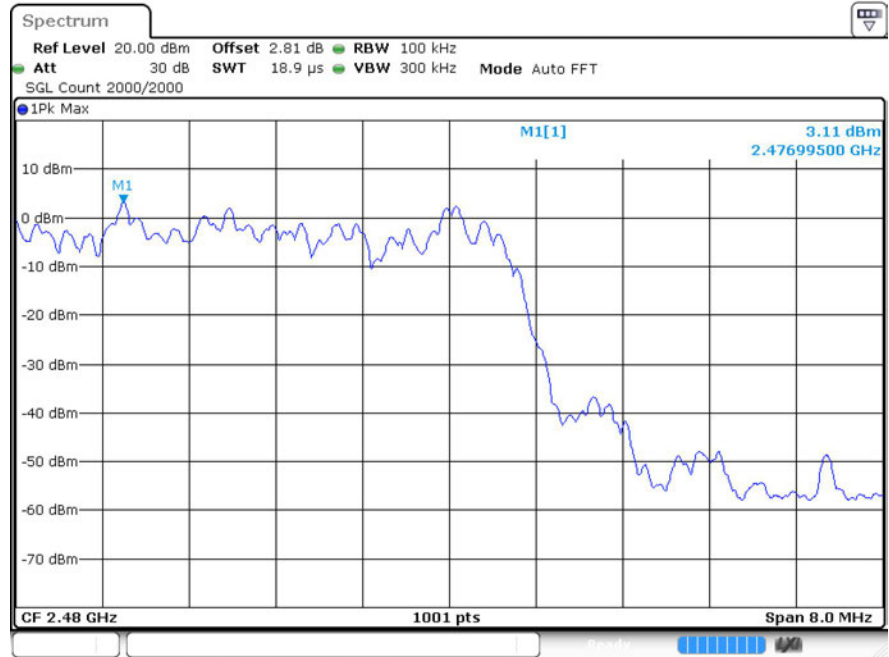
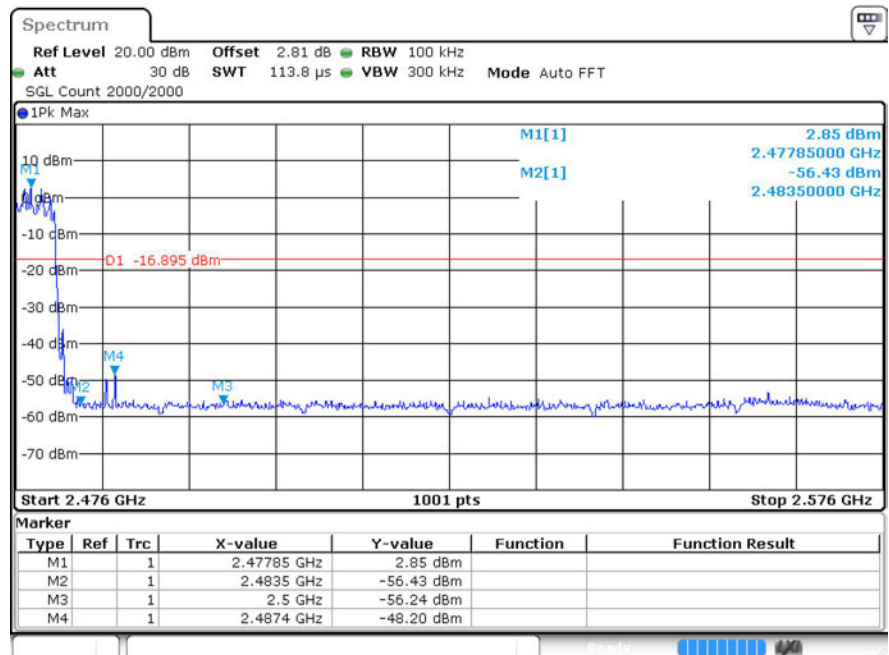
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 $\pi/4$ DQPSK/LCH/Hop


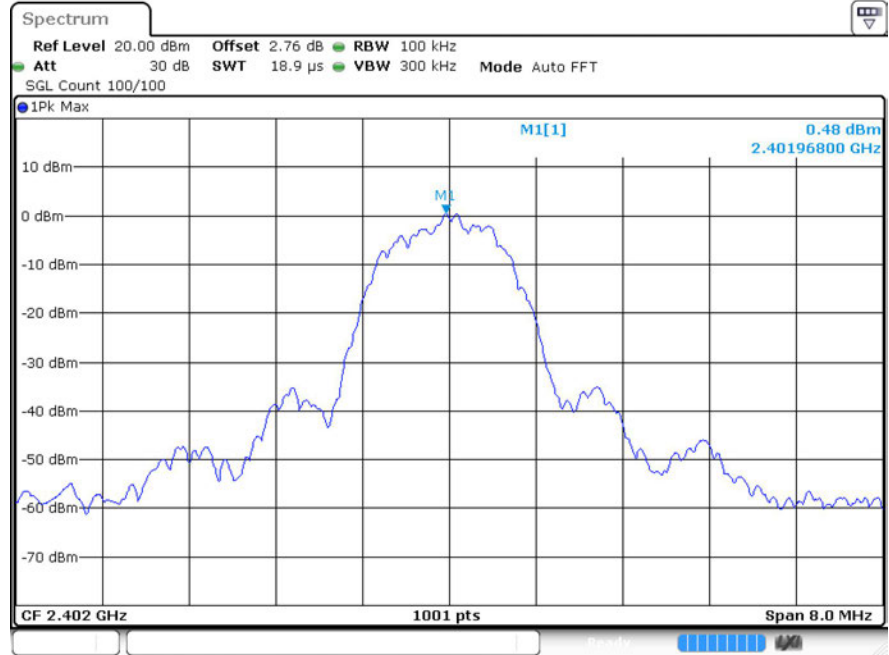
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 $\pi/4$ DQPSK/HCH/No
Hop


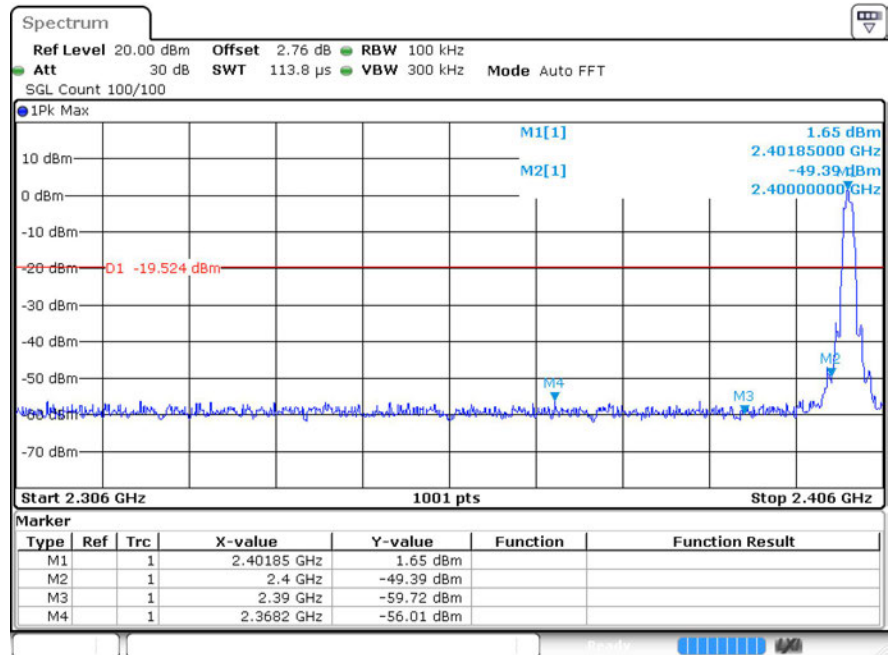
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 $\pi/4$ DQPSK/HCH/Hop


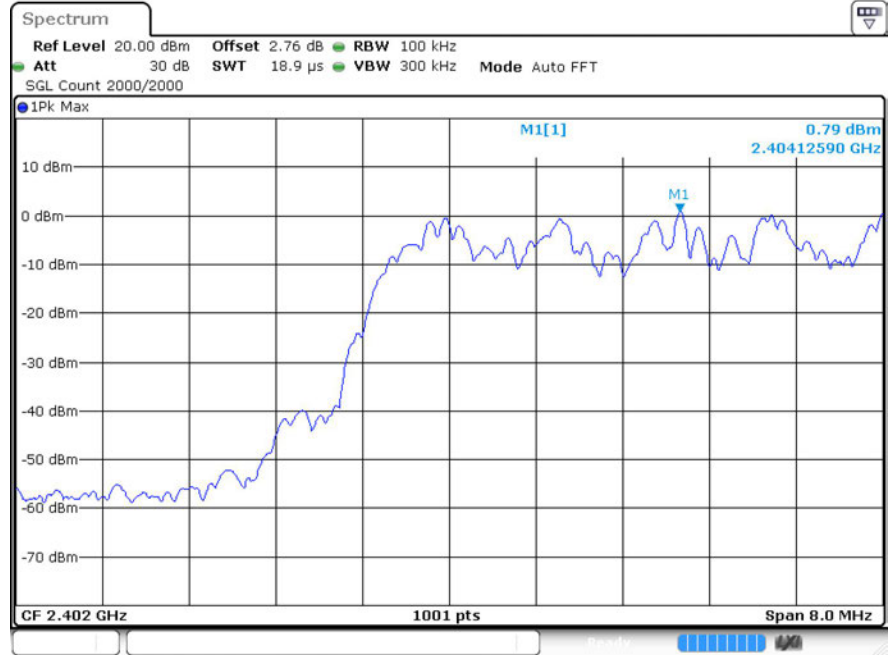
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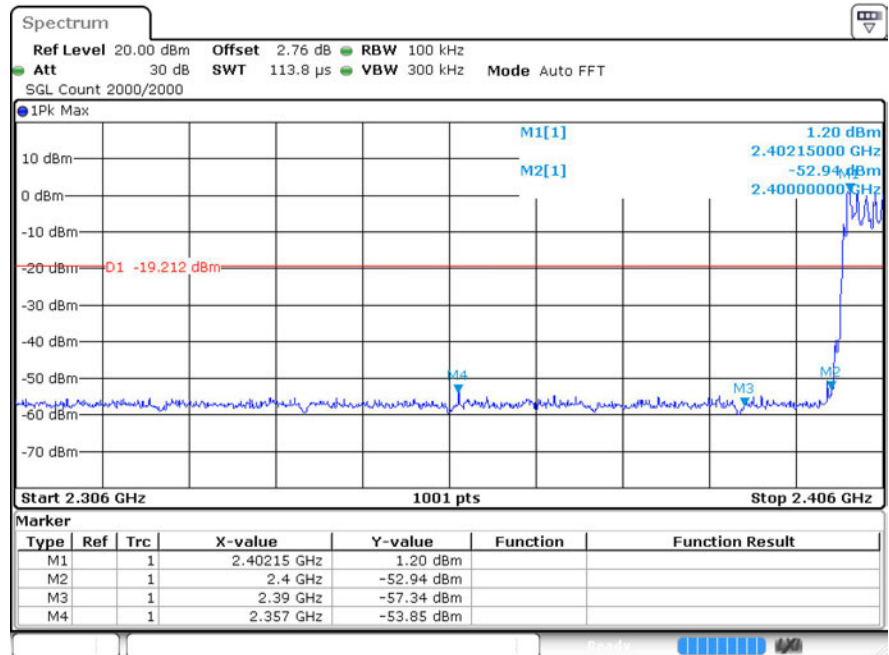
8DPSK/LCH/No Hop



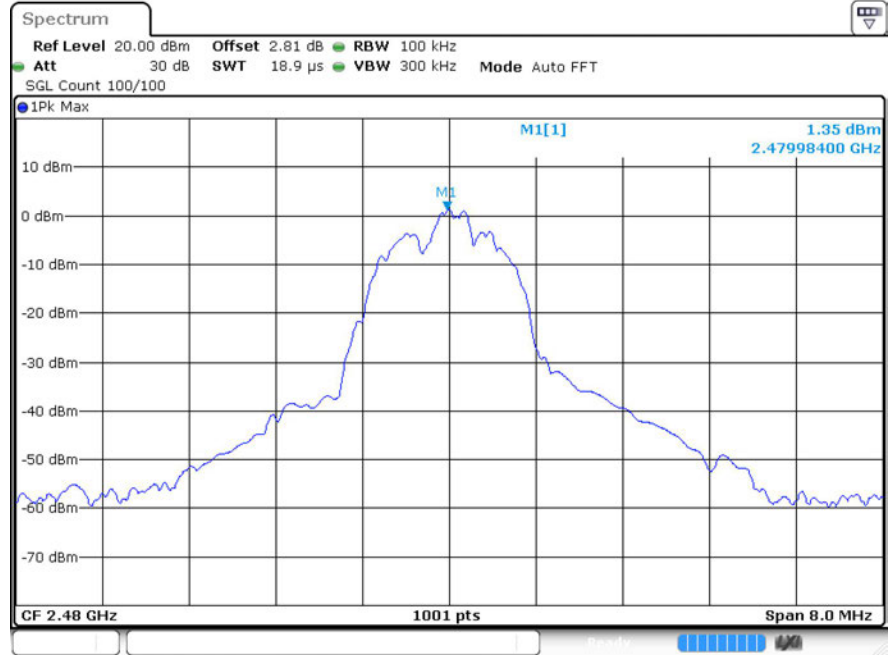
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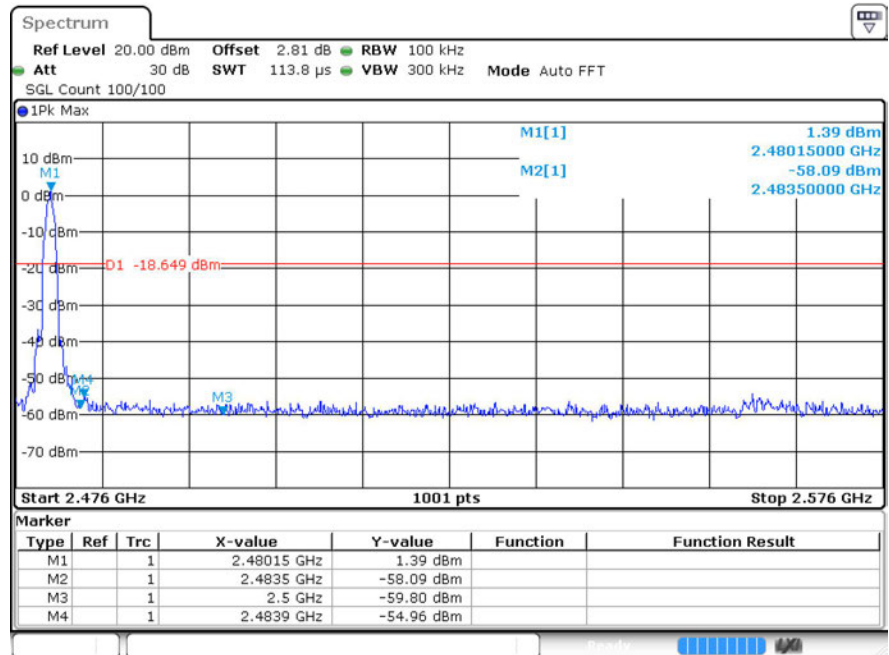
8DPSK/LCH/Hop



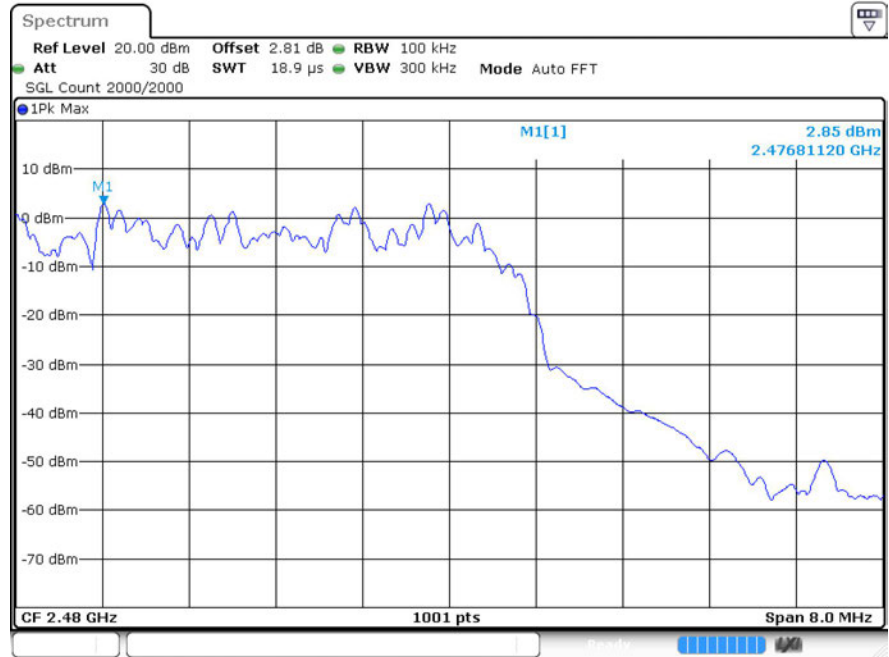
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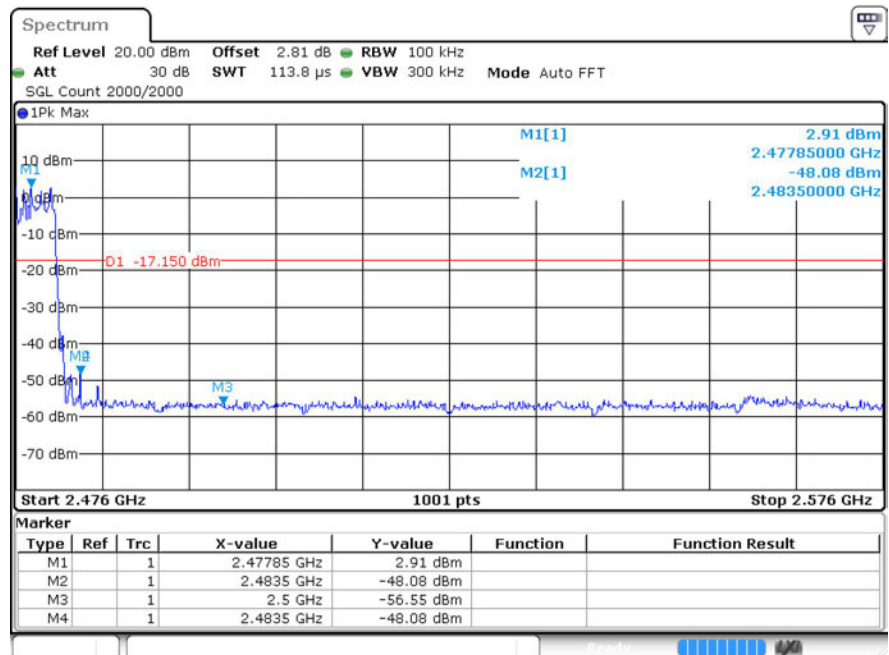
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

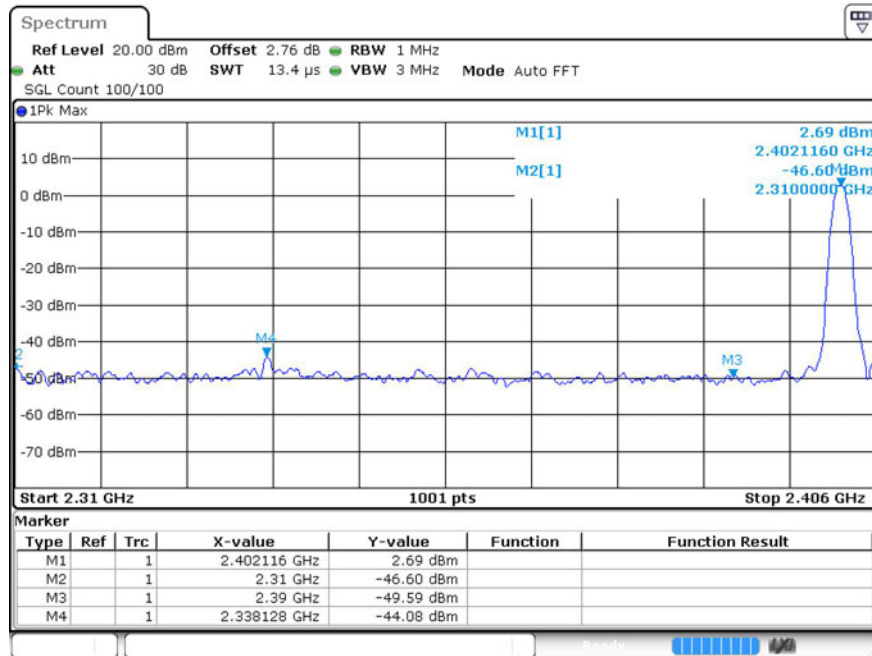
Test Mode	Hopping	Freq.	Power [dBm]	Gain	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-46.6	2	50.66	PEAK	74	Pass
	Off	2310.0	-57.47	2	39.79	AV	54	Pass
	Off	2338.128	-44.08	2	53.18	PEAK	74	Pass
	Off	2342.064	-55.44	2	41.82	AV	54	Pass
	Off	2390.0	-49.58	2	47.68	PEAK	74	Pass
	Off	2390.0	-58.18	2	39.08	AV	54	Pass
	Off	2483.5	-49.9	2	47.36	PEAK	74	Pass
	Off	2483.5	-56.05	2	41.21	AV	54	Pass
	Off	2487.4	-46.51	2	50.75	PEAK	74	Pass
	Off	2483.512	-56.05	2	41.21	AV	54	Pass
	Off	2500.0	-49.82	2	47.44	PEAK	74	Pass
	Off	2500.0	-57.51	2	39.75	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-49.47	2	47.79	PEAK	74	Pass
	Off	2310.0	-57.93	2	39.33	AV	54	Pass
	Off	2338.032	-45.57	2	51.69	PEAK	74	Pass
	Off	2341.968	-55.26	2	42	AV	54	Pass
	Off	2390.0	-48.57	2	48.69	PEAK	74	Pass
	Off	2390.0	-58.25	2	39.01	AV	54	Pass
	Off	2483.5	-49.56	2	47.7	PEAK	74	Pass
	Off	2483.5	-54.71	2	42.55	AV	54	Pass
	Off	2485.696	-47.21	2	50.05	PEAK	74	Pass
	Off	2483.512	-54.71	2	42.55	AV	54	Pass
	Off	2500.0	-48.54	2	48.72	PEAK	74	Pass
	Off	2500.0	-57.43	2	39.83	AV	54	Pass
8DPSK	Off	2310.0	-48.72	2	48.54	PEAK	74	Pass
	Off	2310.0	-57.74	2	39.52	AV	54	Pass
	Off	2339.376	-46.21	2	51.05	PEAK	74	Pass
	Off	2341.872	-55.16	2	42.1	AV	54	Pass



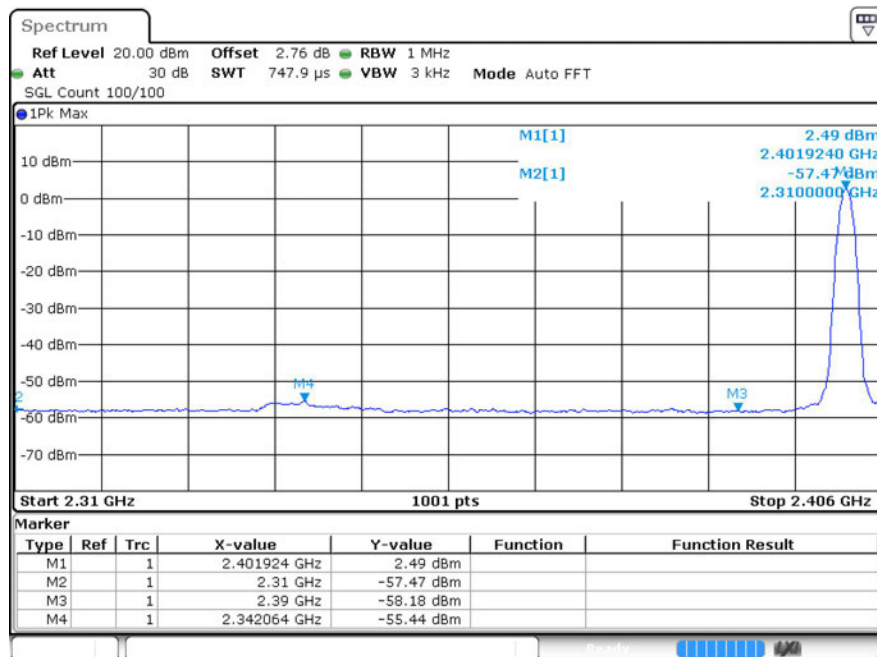
	Off	2390.0	-50.02	2	47.24	PEAK	74	Pass
	Off	2390.0	-57.26	2	40	AV	54	Pass
	Off	2483.5	-48.35	2	48.91	PEAK	74	Pass
	Off	2483.5	-54.78	2	42.48	AV	54	Pass
	Off	2486.056	-46.44	2	50.82	PEAK	74	Pass
	Off	2483.512	-54.78	2	42.48	AV	54	Pass
	Off	2500.0	-47.39	2	49.87	PEAK	74	Pass
	Off	2500.0	-57.28	2	39.98	AV	54	Pass

9.2 Test Graphs

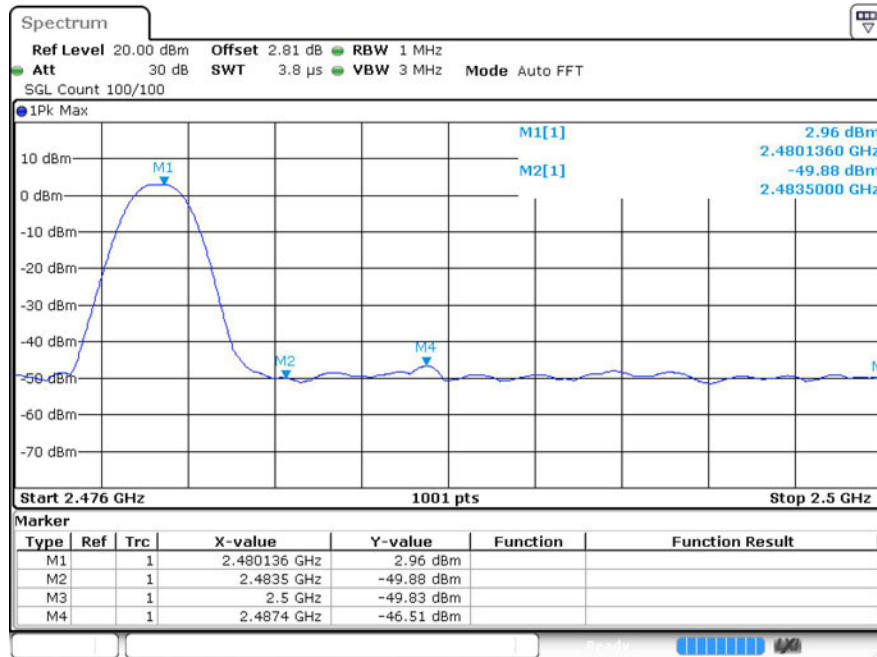
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



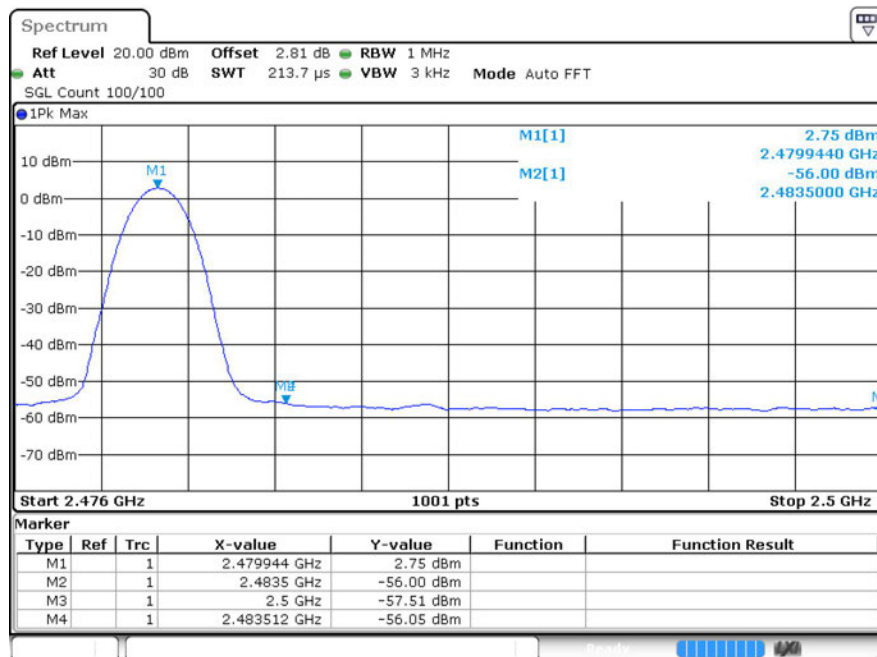
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



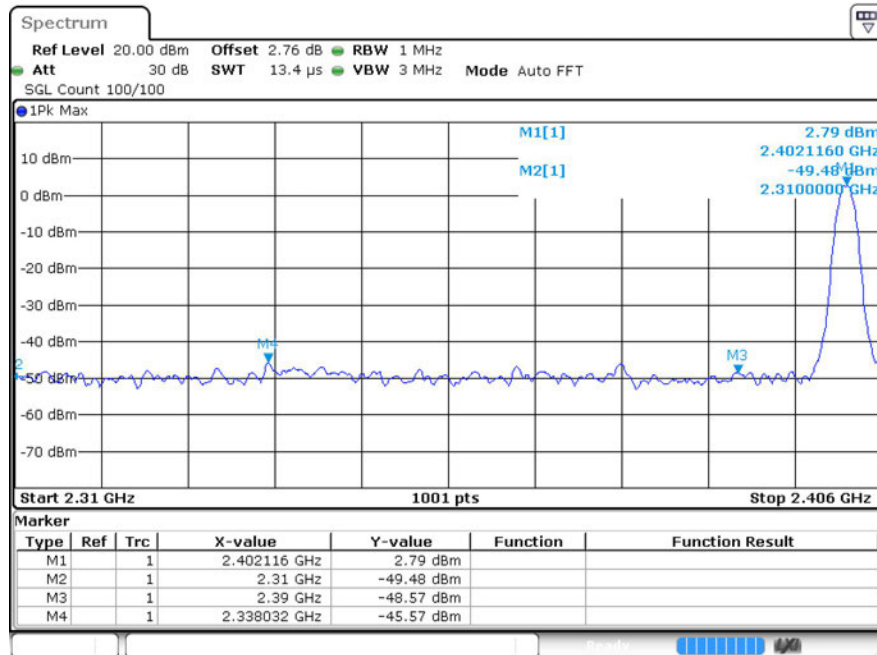
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



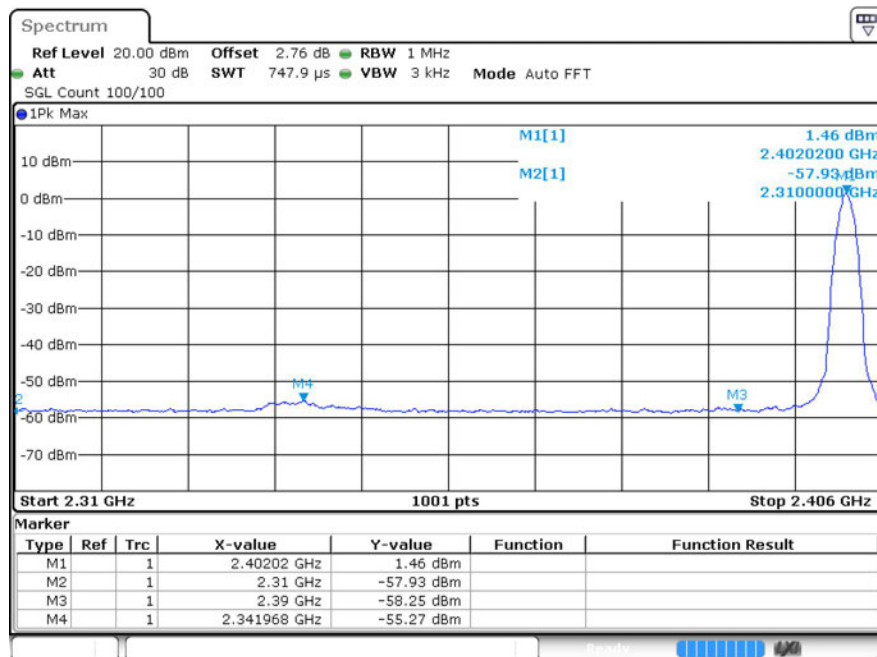
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



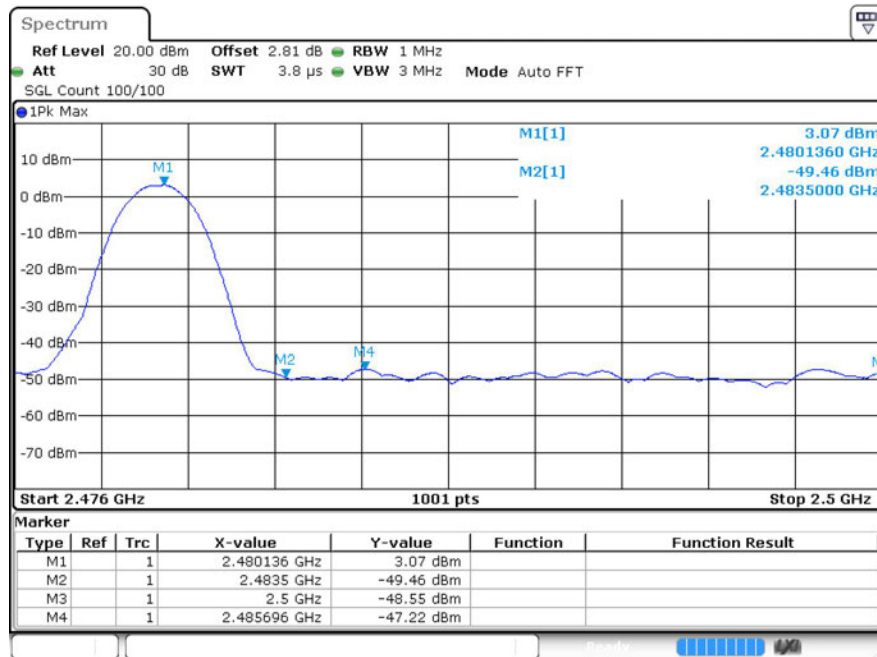
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



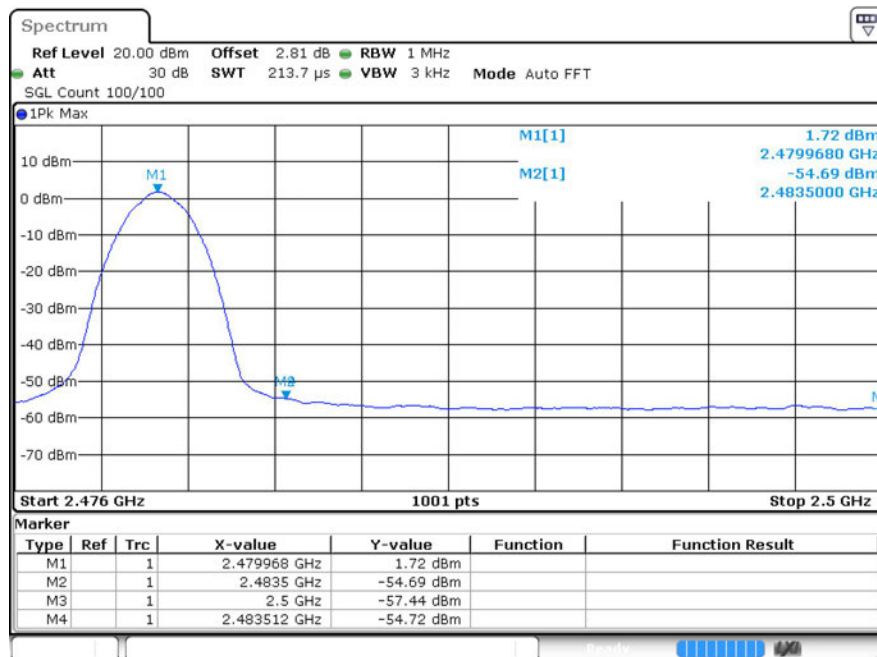
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



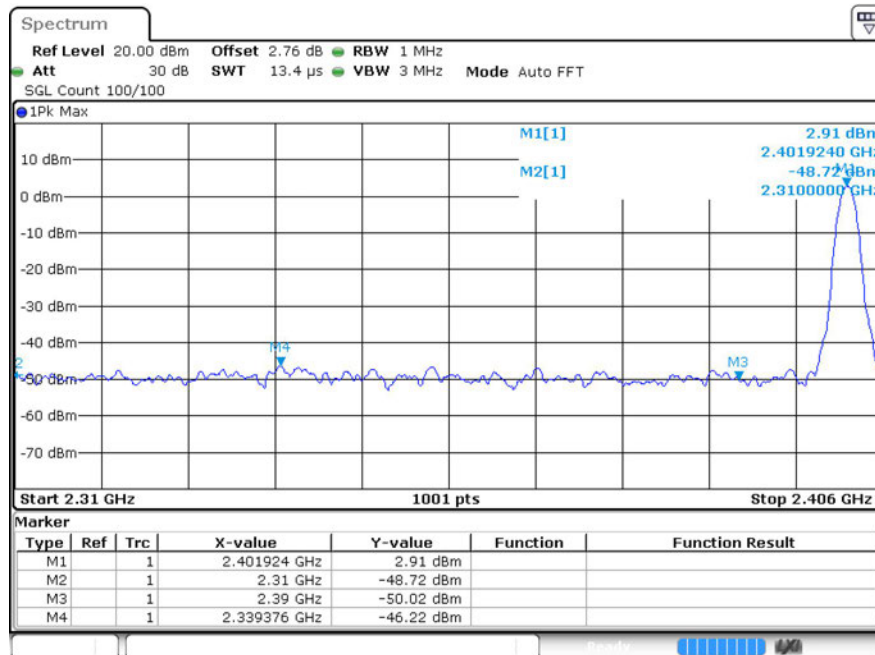
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



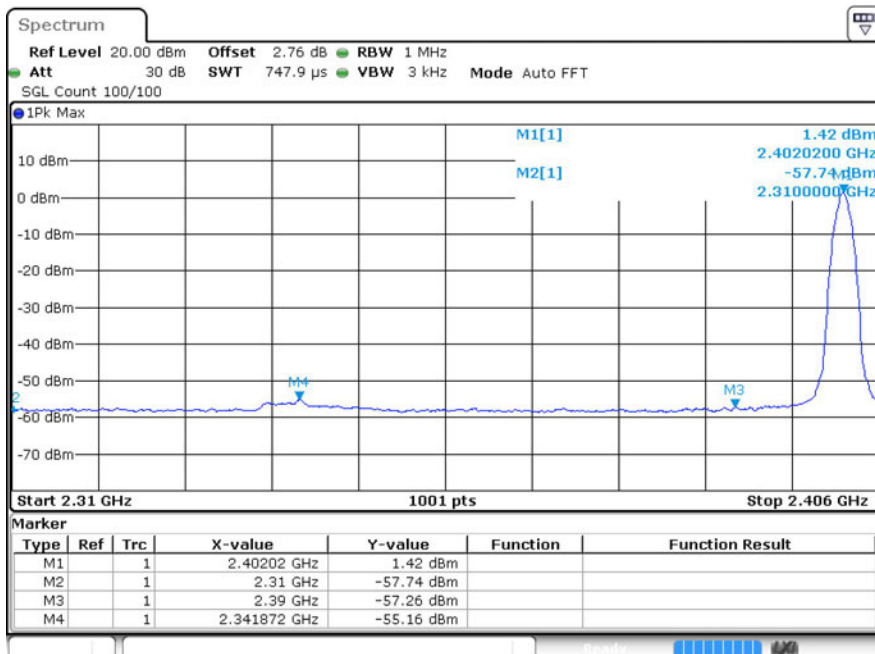
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



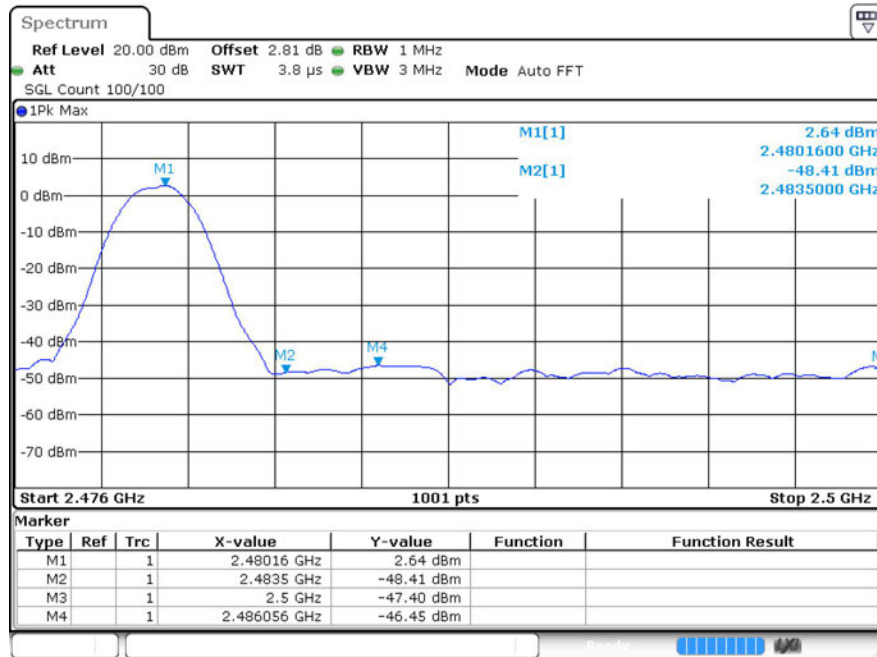
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



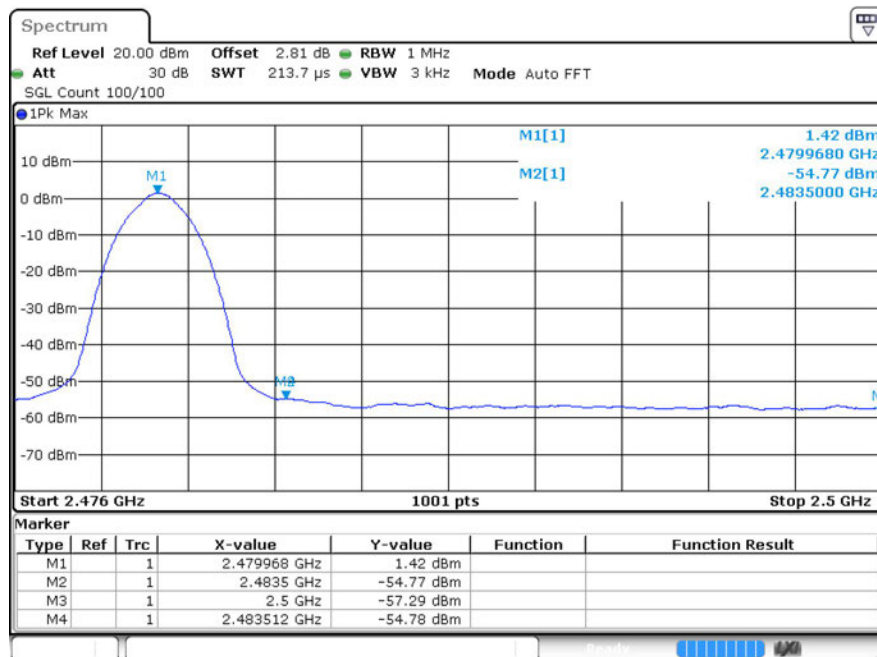
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---