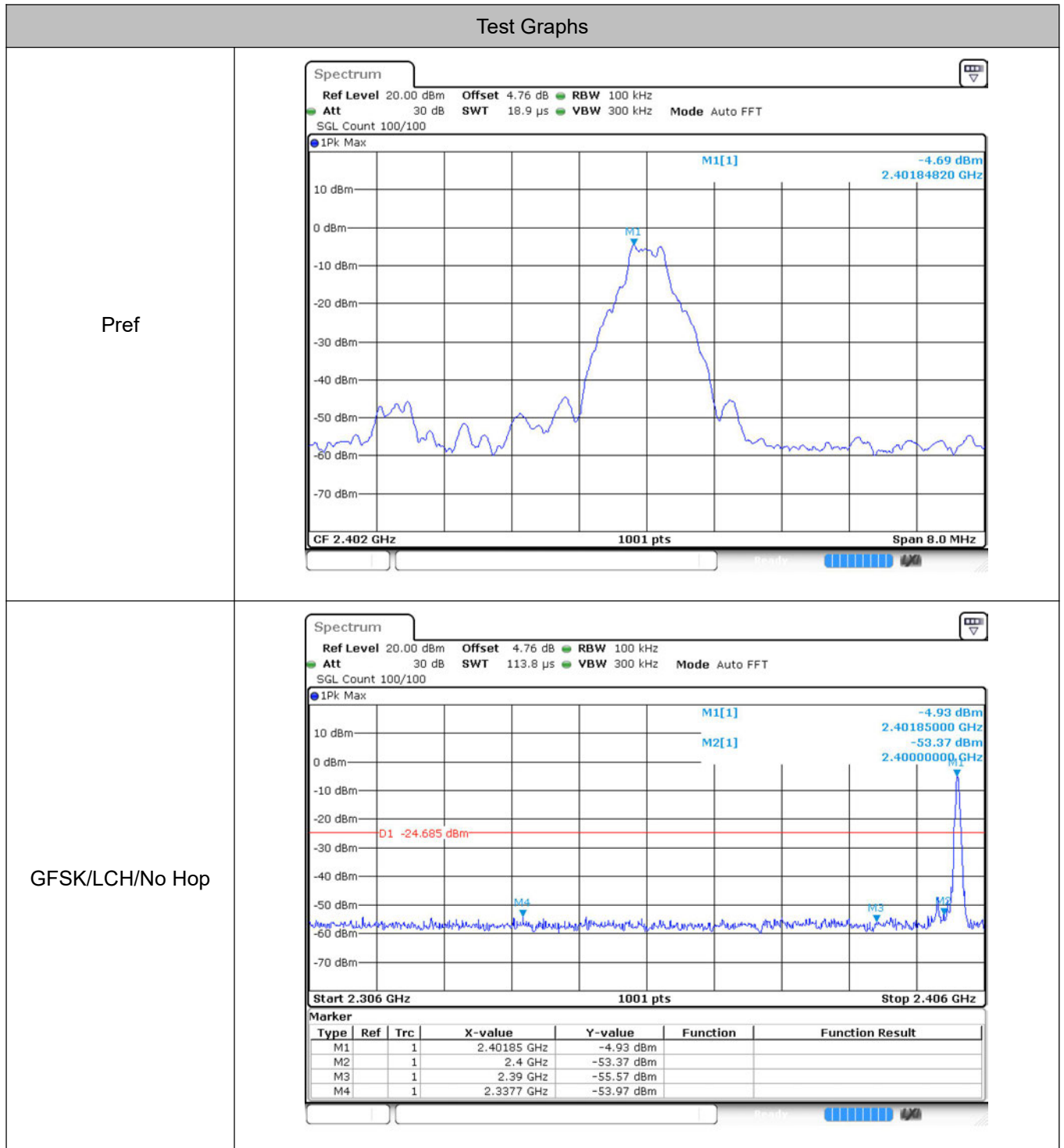


8 Band-edge for RF Conducted Emissions

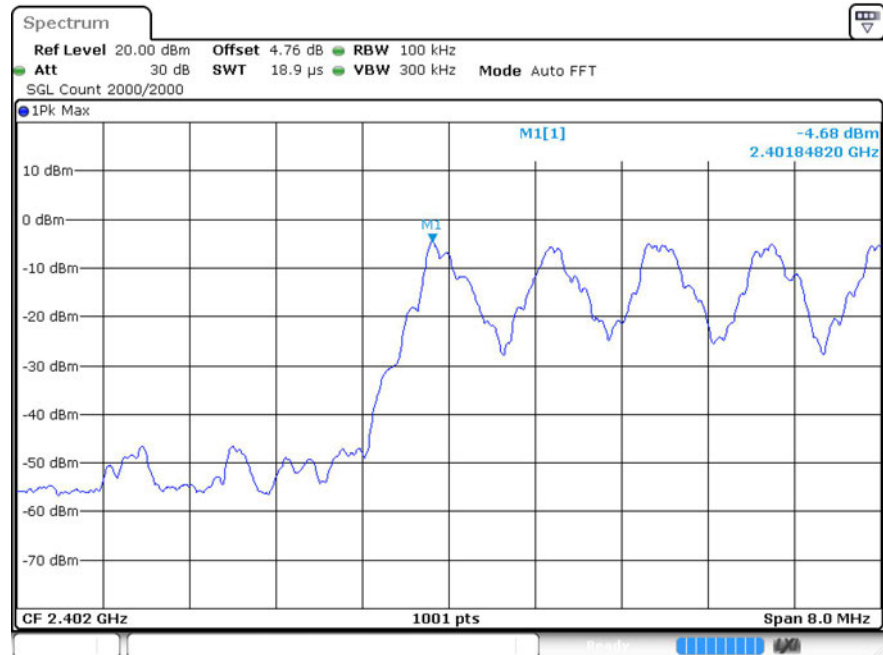
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-49.27	-20	Pass
			On	-48.19	-20	Pass
	HCH	2480	Off	-49.34	-20	Pass
			On	-47.52	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-48.81	-20	Pass
			On	-47.89	-20	Pass
	HCH	2480	Off	-48.73	-20	Pass
			On	-47.97	-20	Pass
8DPSK	LCH	2402	Off	-49.45	-20	Pass
			On	-47.42	-20	Pass
	HCH	2480	Off	-48.44	-20	Pass
			On	-47.18	-20	Pass

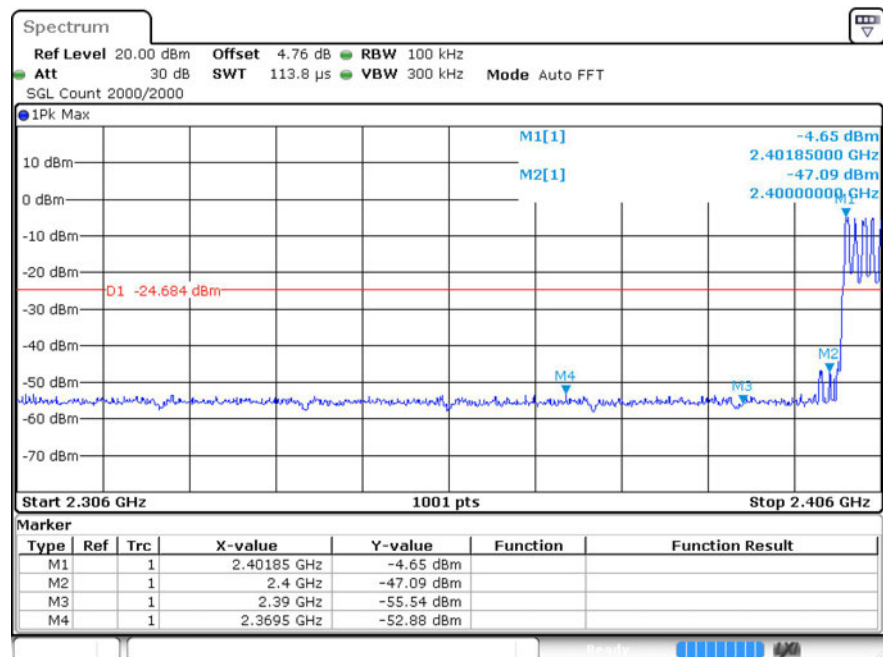
8.2 Test Graphs



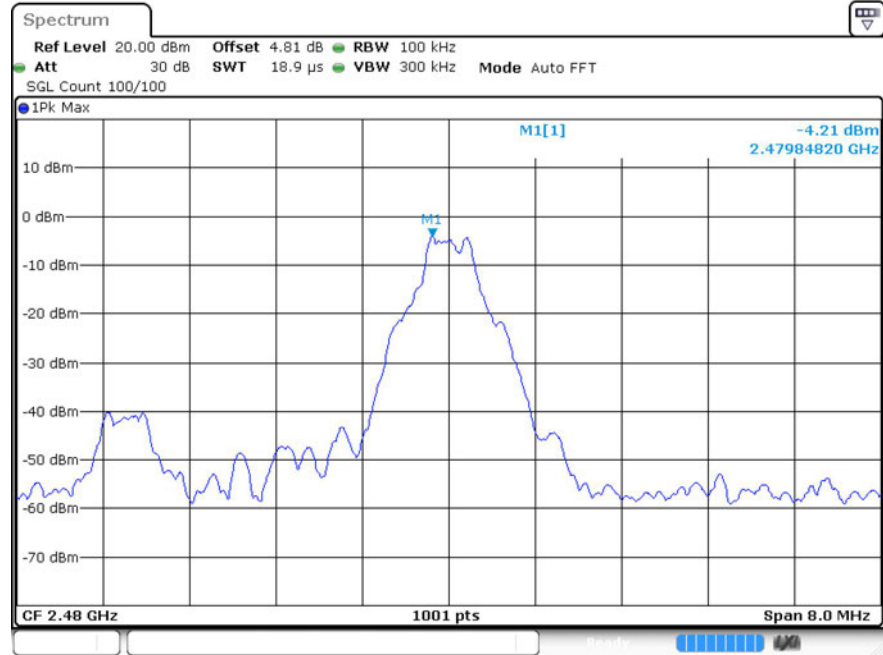
Ref



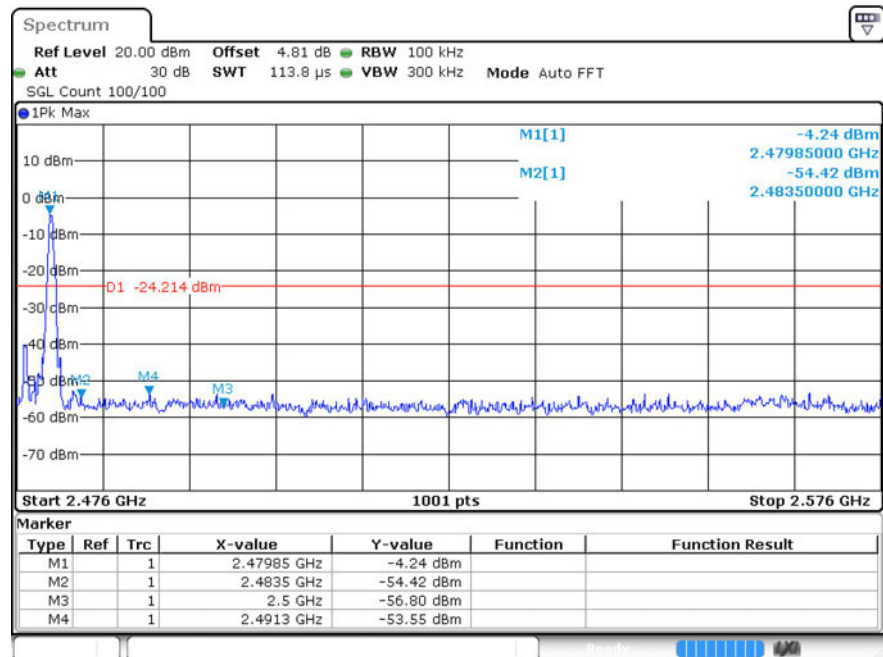
GFSK/LCH/Hop



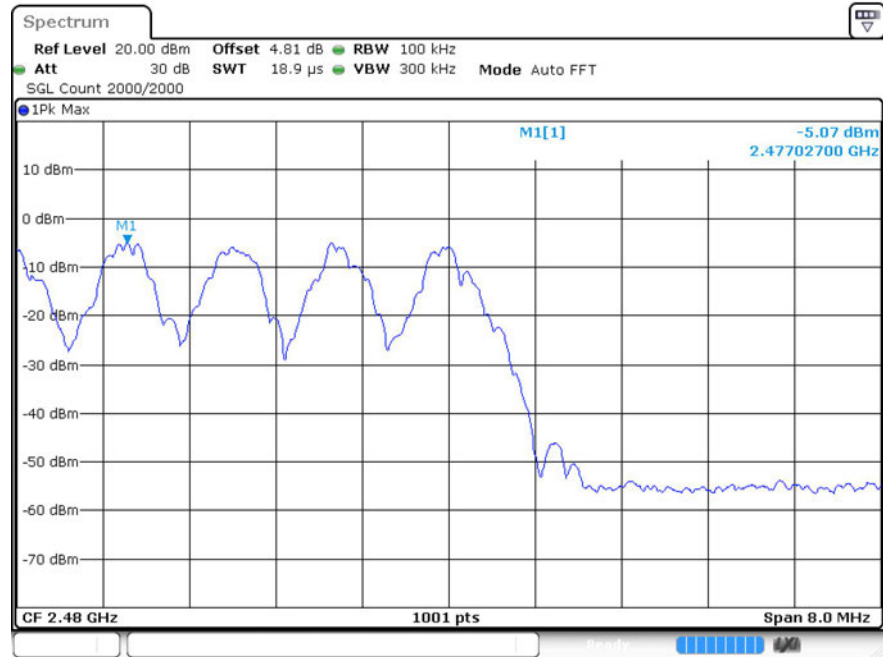
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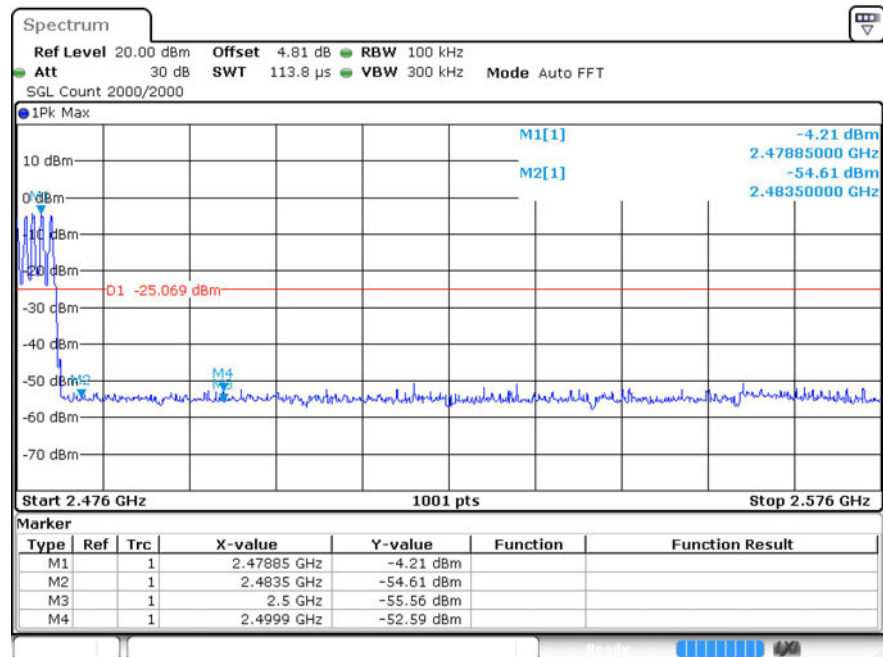
GFSK/HCH/No Hop



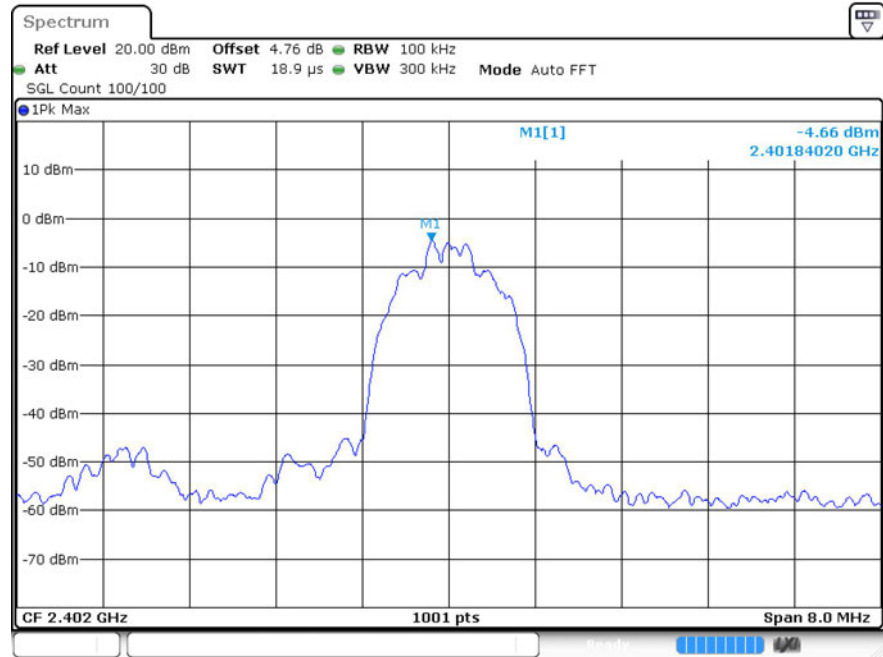
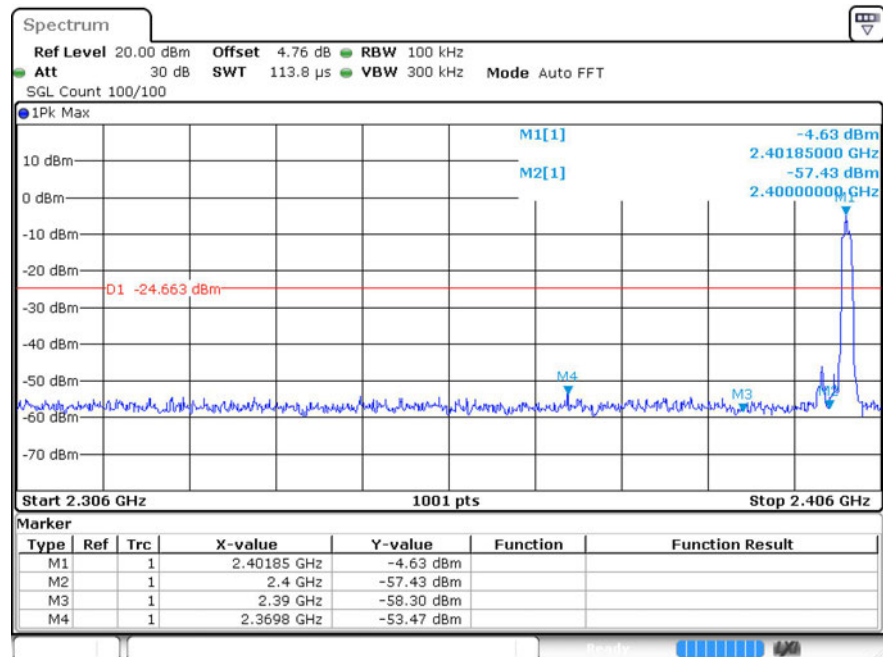
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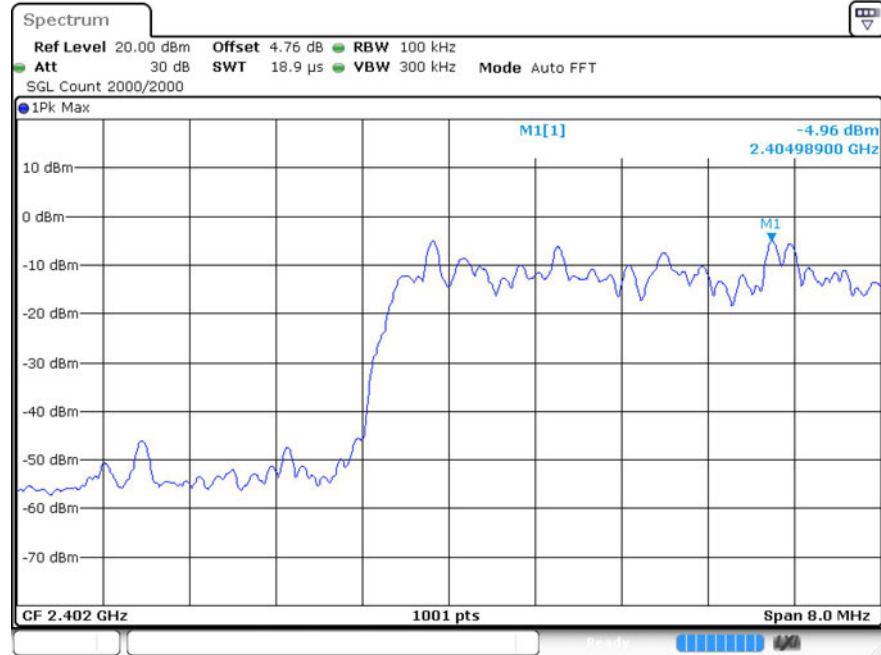
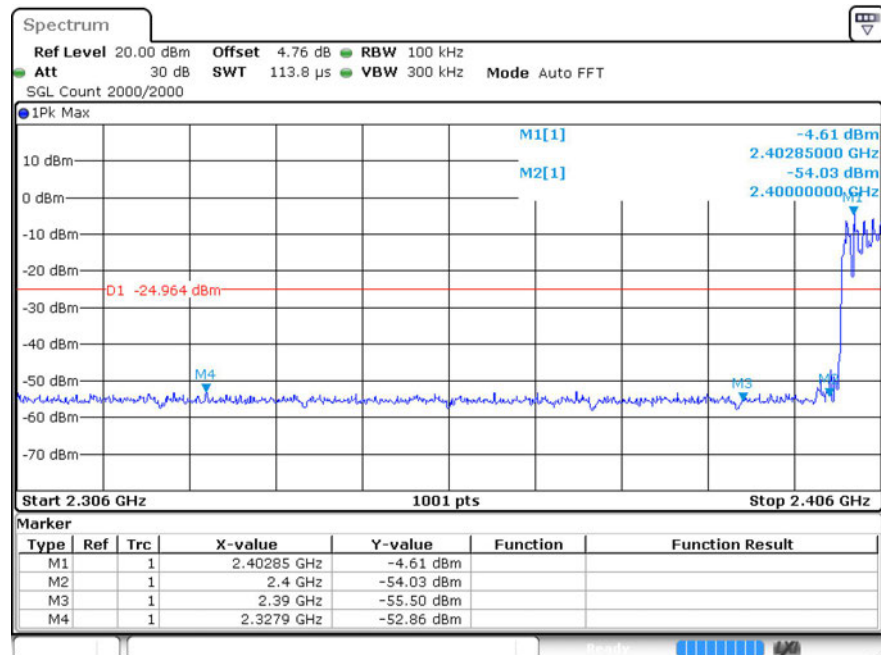
GFSK/HCH/Hop



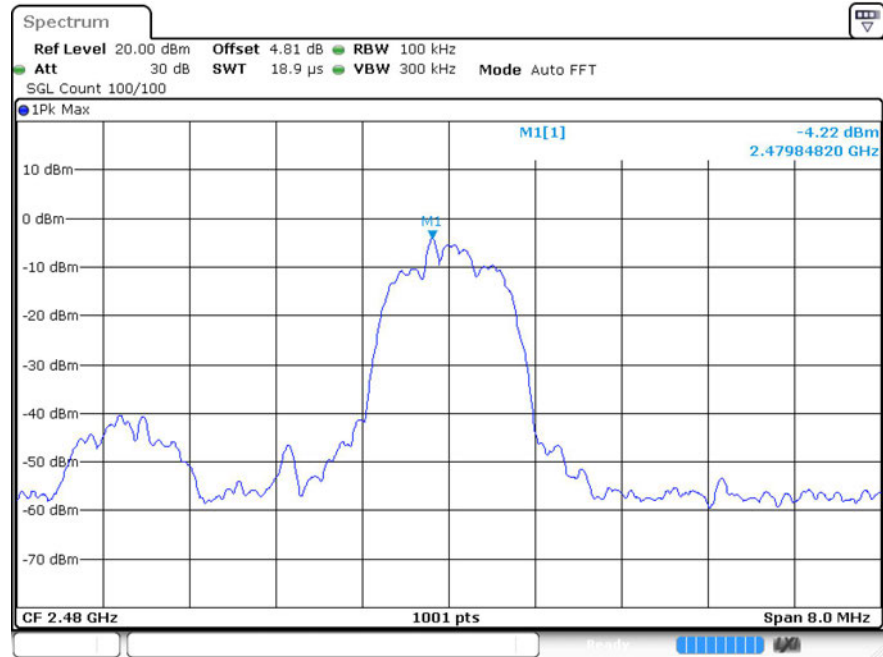
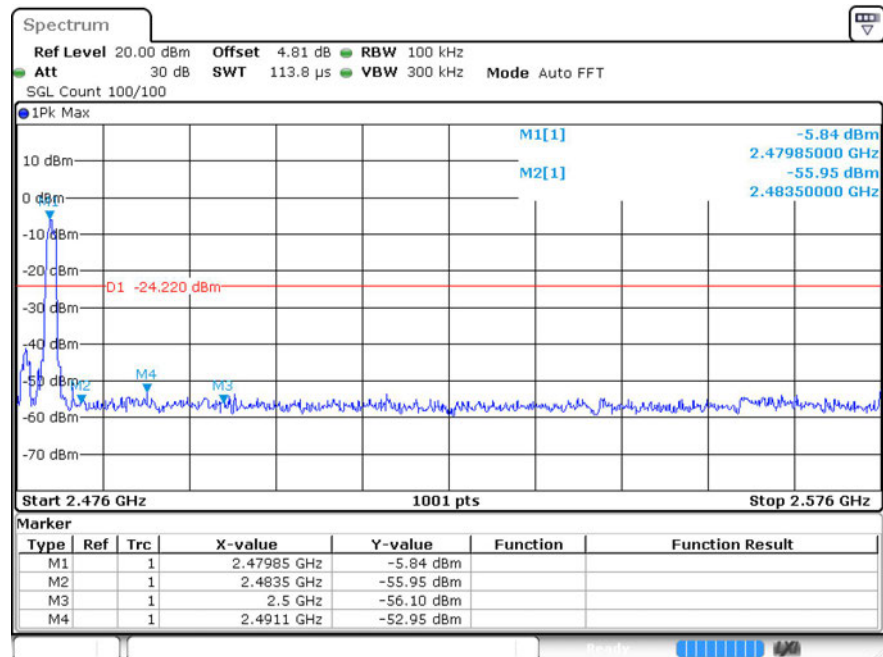
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 $\pi/4$ DQPSK/LCH/No Hop


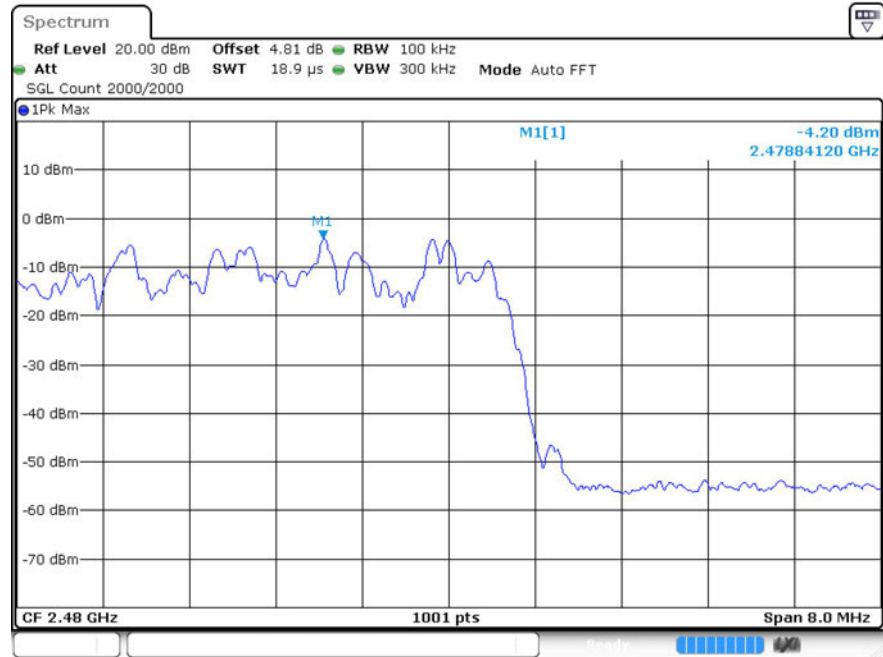
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 $\pi/4$ DQPSK/LCH/Hop


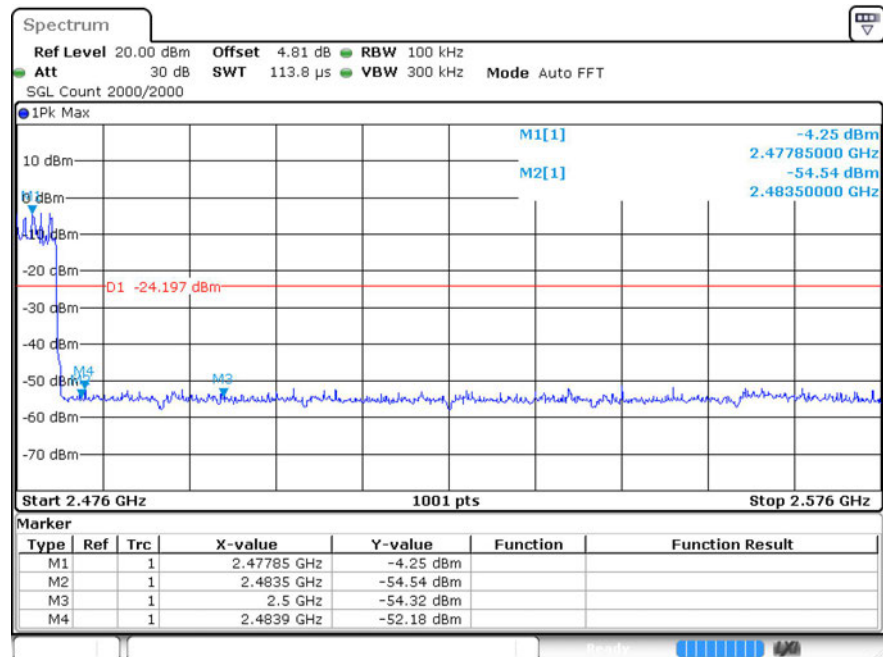
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 $\pi/4$ DQPSK/HCH/No Hop


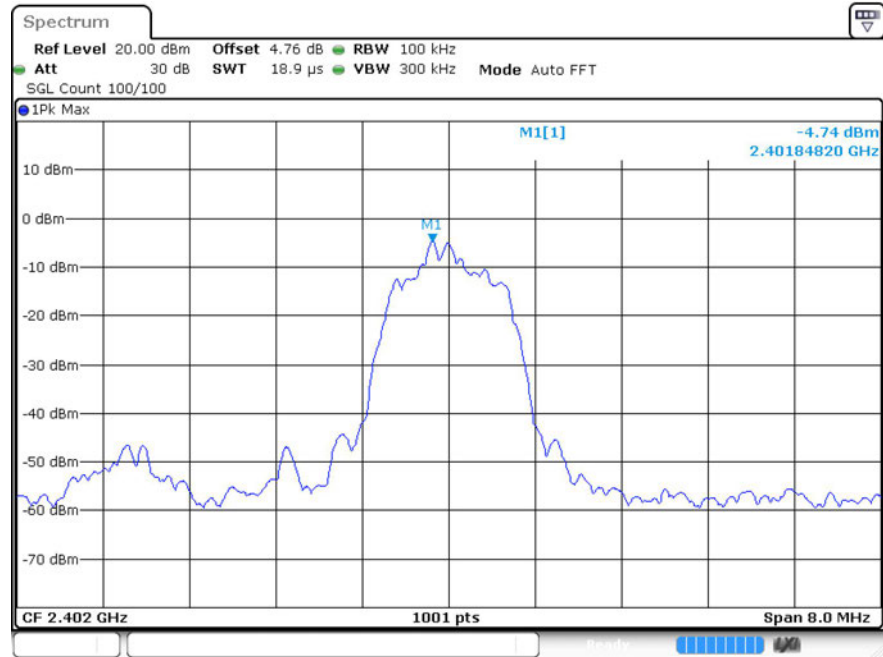
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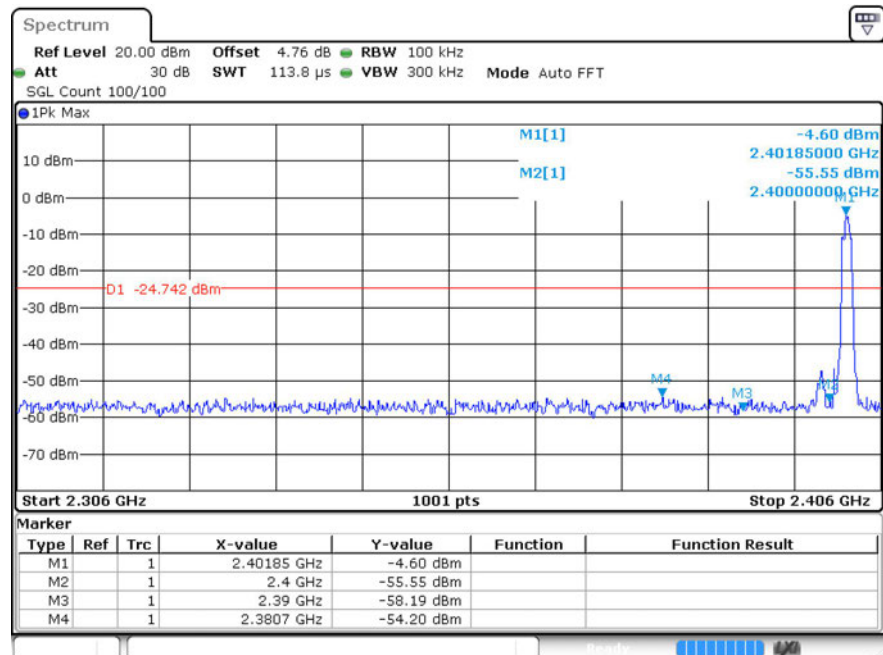
$\pi/4$ DQPSK/HCH/Hop



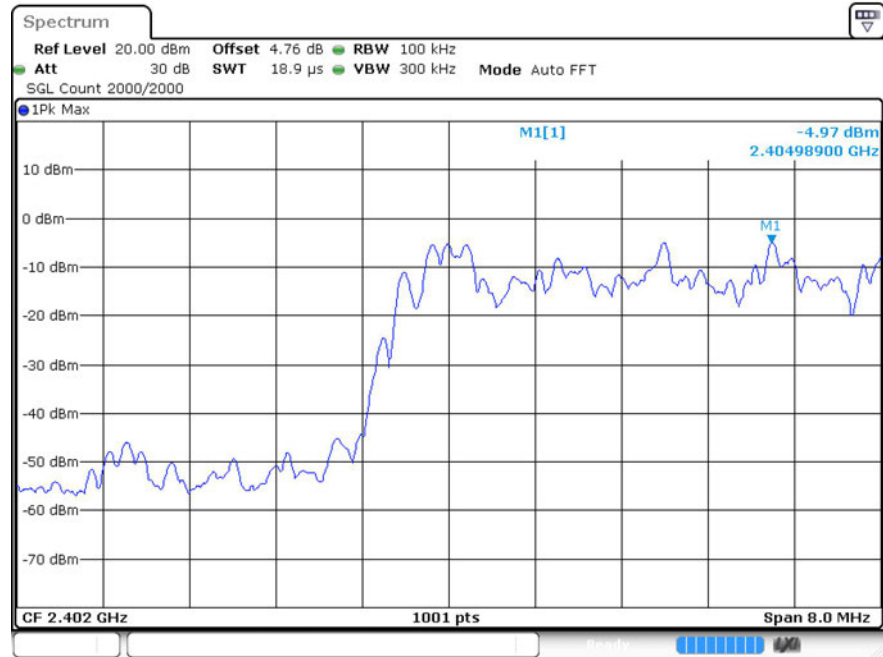
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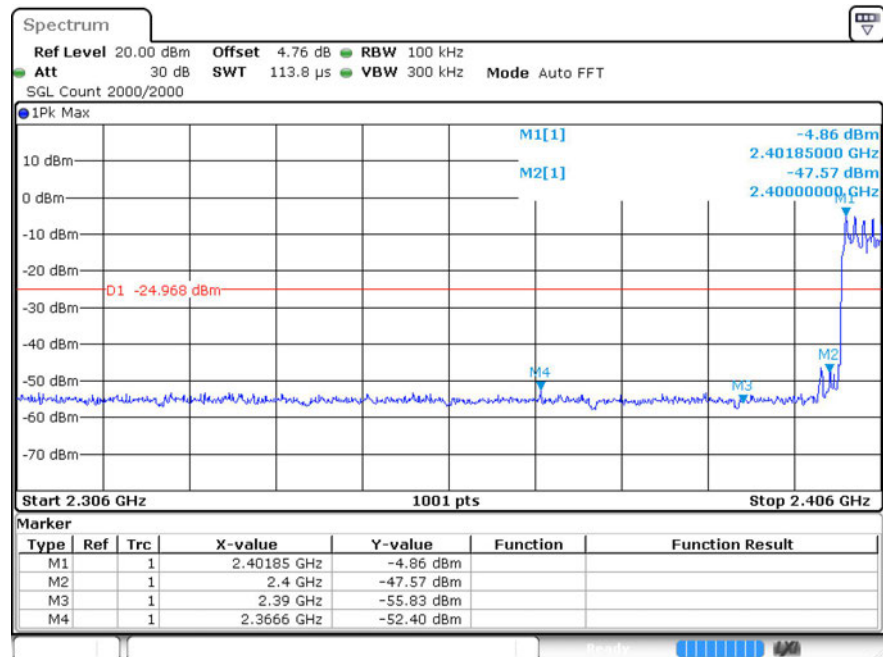
8DPSK/LCH/No Hop



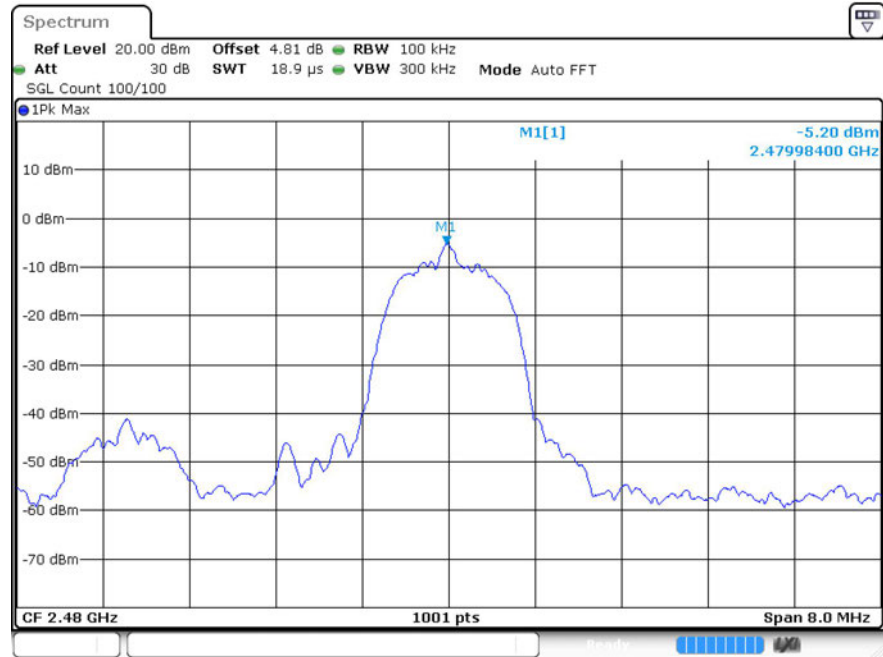
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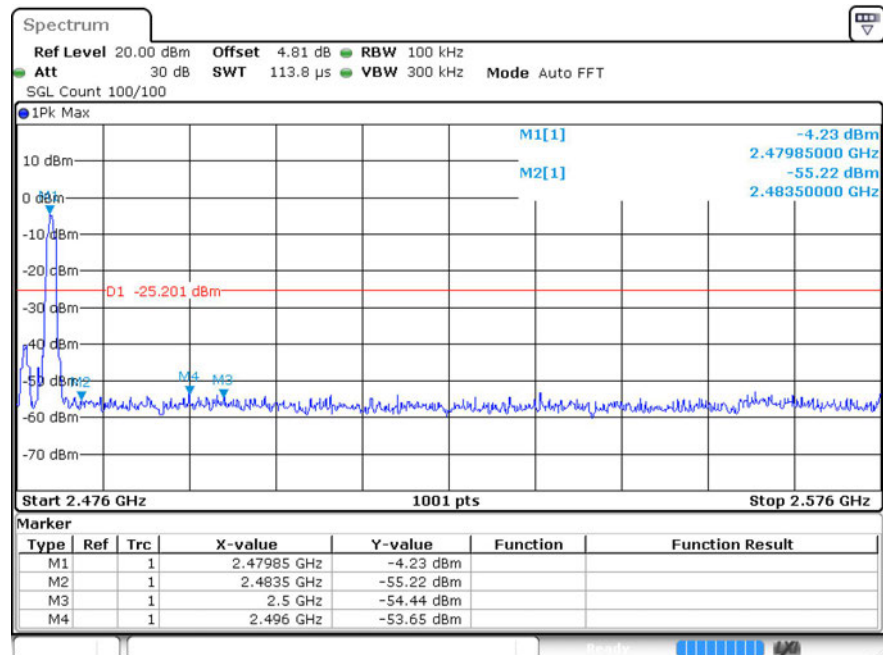
8DPSK/LCH/Hop



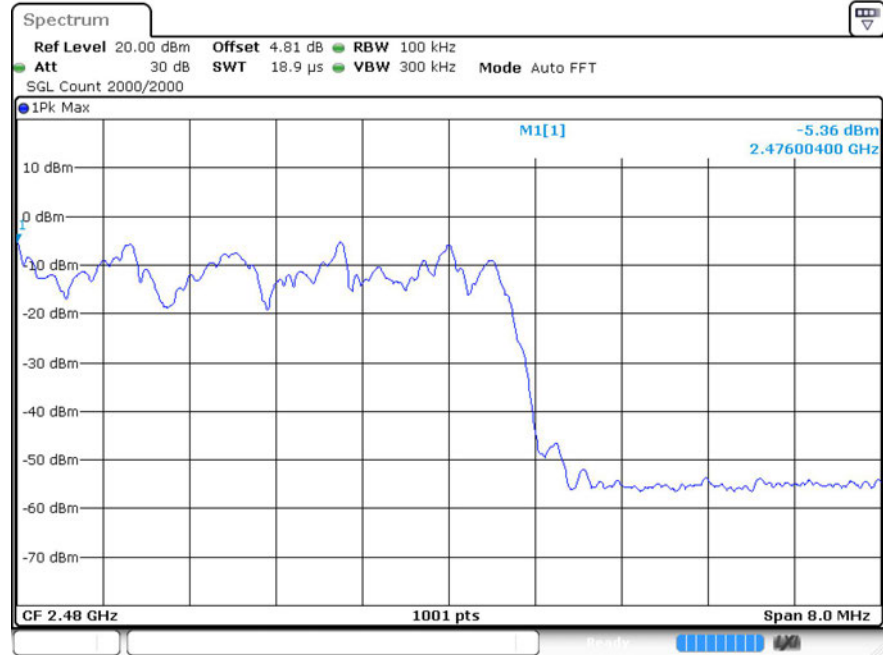
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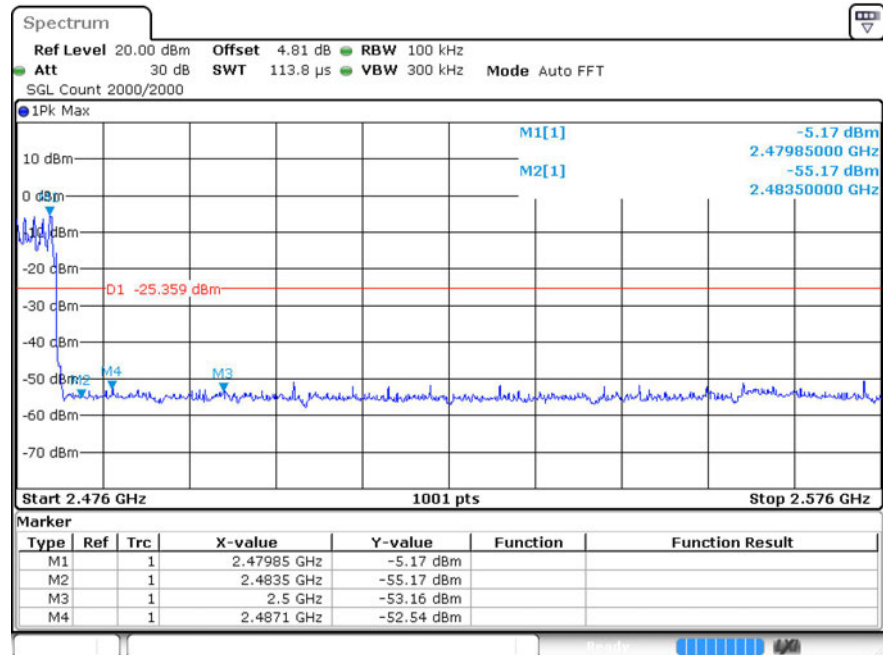
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

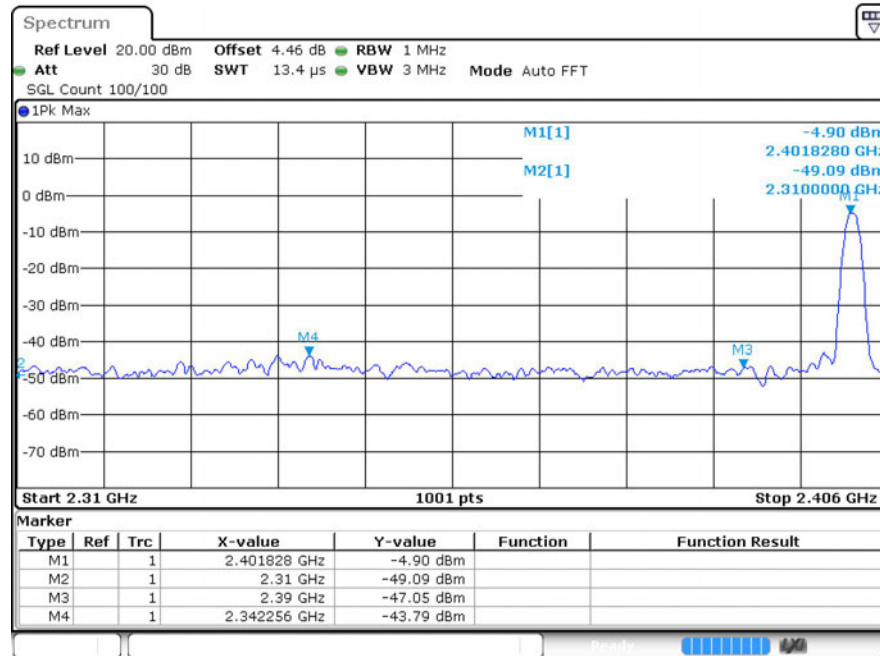
Test Mode	Hopping	Freq.	Power [dBm]	Gain	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-49.09	2	48.17	PEAK	74	Pass
	Off	2310.0	-56.06	2	41.2	AV	54	Pass
	Off	2342.256	-43.78	2	53.48	PEAK	74	Pass
	Off	2339.28	-53.89	2	43.37	AV	54	Pass
	Off	2390.0	-47.05	2	50.21	PEAK	74	Pass
	Off	2390.0	-55.69	2	41.57	AV	54	Pass
	Off	2483.5	-46.18	2	51.08	PEAK	74	Pass
	Off	2483.5	-55.25	2	42.01	AV	54	Pass
	Off	2486.56	-44.52	2	52.74	PEAK	74	Pass
	Off	2499.952	-54.57	2	42.69	AV	54	Pass
	Off	2500.0	-46.45	2	50.81	PEAK	74	Pass
	Off	2500.0	-54.59	2	42.67	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-46.93	2	50.33	PEAK	74	Pass
	Off	2310.0	-56.09	2	41.17	AV	54	Pass
	Off	2339.952	-43.48	2	53.78	PEAK	74	Pass
	Off	2339.952	-54.2	2	43.06	AV	54	Pass
	Off	2390.0	-47.96	2	49.3	PEAK	74	Pass
	Off	2390.0	-55.86	2	41.4	AV	54	Pass
	Off	2483.5	-47.47	2	49.79	PEAK	74	Pass
	Off	2483.5	-55.33	2	41.93	AV	54	Pass
	Off	2484.28	-44.51	2	52.75	PEAK	74	Pass
	Off	2496.544	-54.39	2	42.87	AV	54	Pass
	Off	2500.0	-44.74	2	52.52	PEAK	74	Pass
	Off	2500.0	-55.39	2	41.87	AV	54	Pass
8DPSK	Off	2310.0	-47.75	2	49.51	PEAK	74	Pass
	Off	2310.0	-55.89	2	41.37	AV	54	Pass
	Off	2339.856	-44.41	2	52.85	PEAK	74	Pass
	Off	2338.608	-54.23	2	43.03	AV	54	Pass



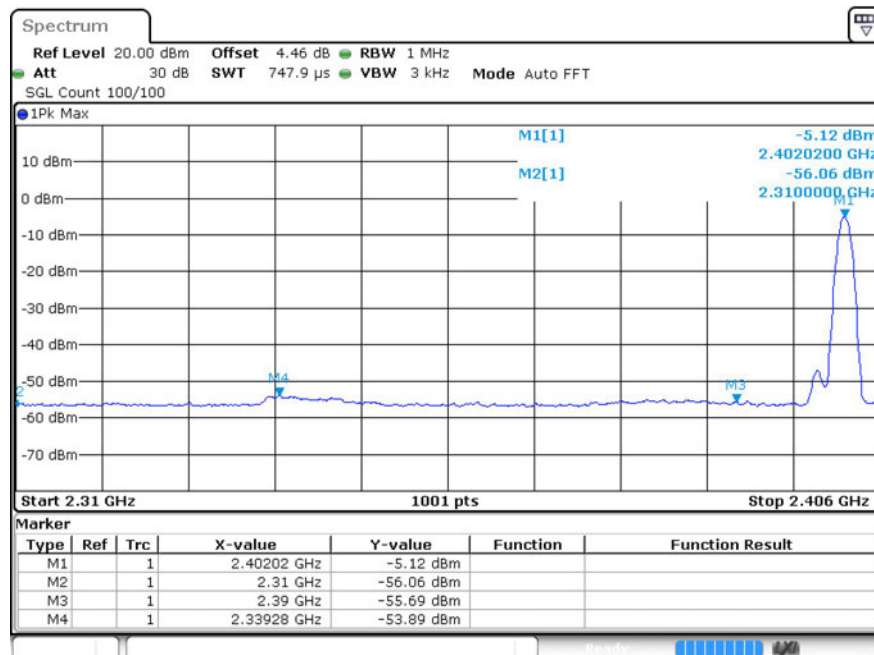
	Off	2390.0	-48.01	2	49.25	PEAK	74	Pass
	Off	2390.0	-56.08	2	41.18	AV	54	Pass
	Off	2483.5	-46.87	2	50.39	PEAK	74	Pass
	Off	2483.5	-55.1	2	42.16	AV	54	Pass
	Off	2497.24	-45.22	2	52.04	PEAK	74	Pass
	Off	2498.776	-54.22	2	43.04	AV	54	Pass
	Off	2500.0	-48.51	2	48.75	PEAK	74	Pass
	Off	2500.0	-54.79	2	42.47	AV	54	Pass

9.2 Test Graphs

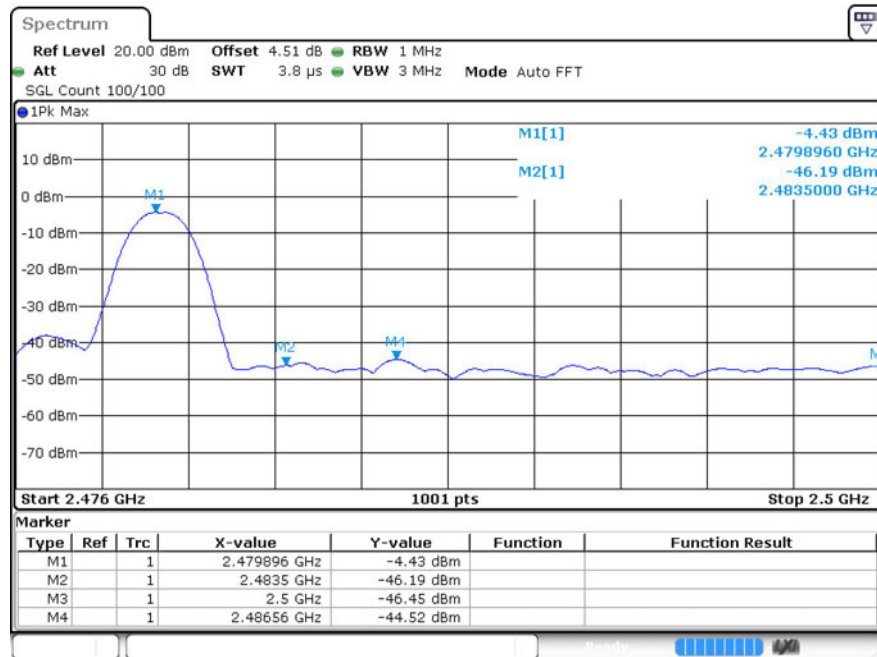
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



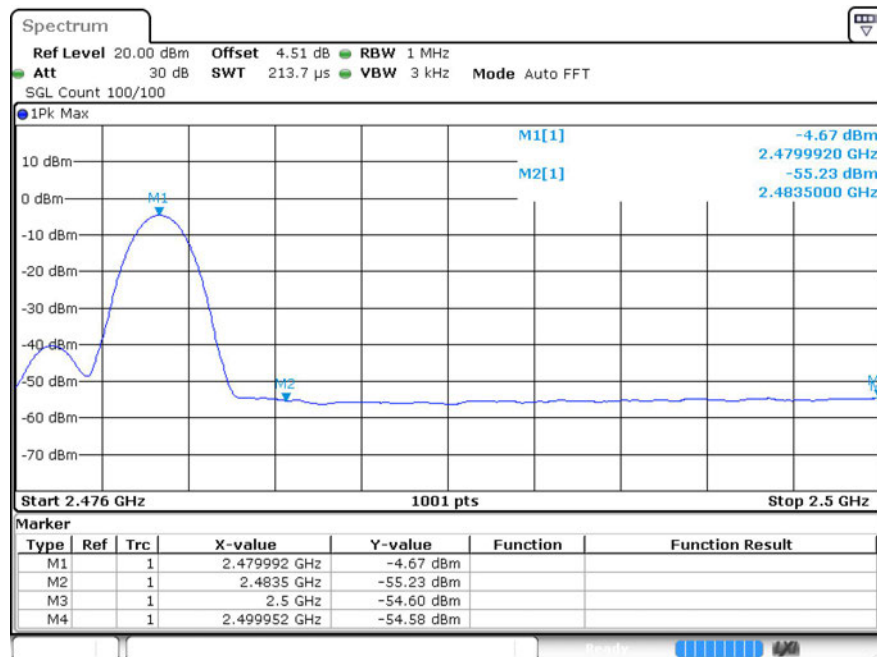
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



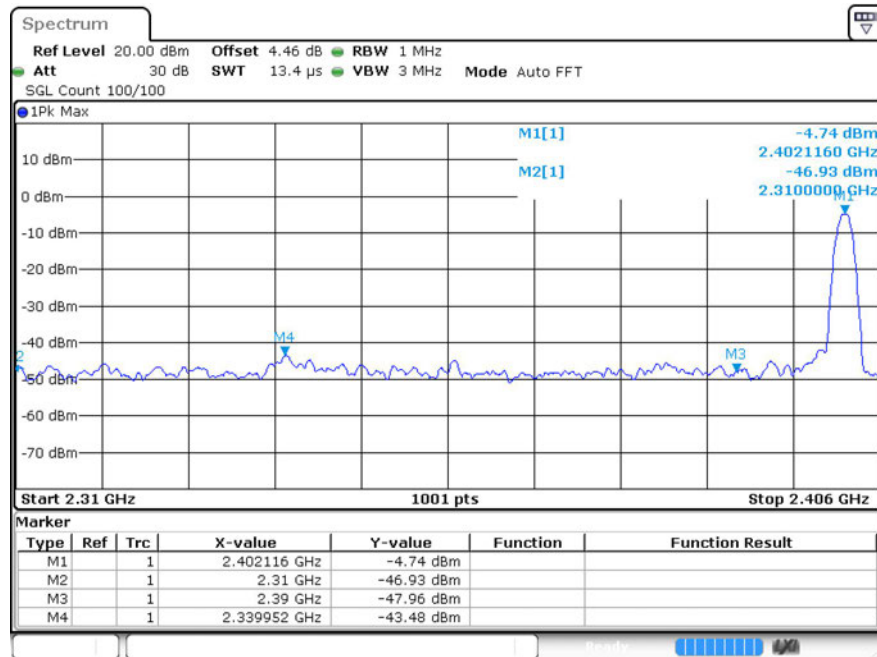
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



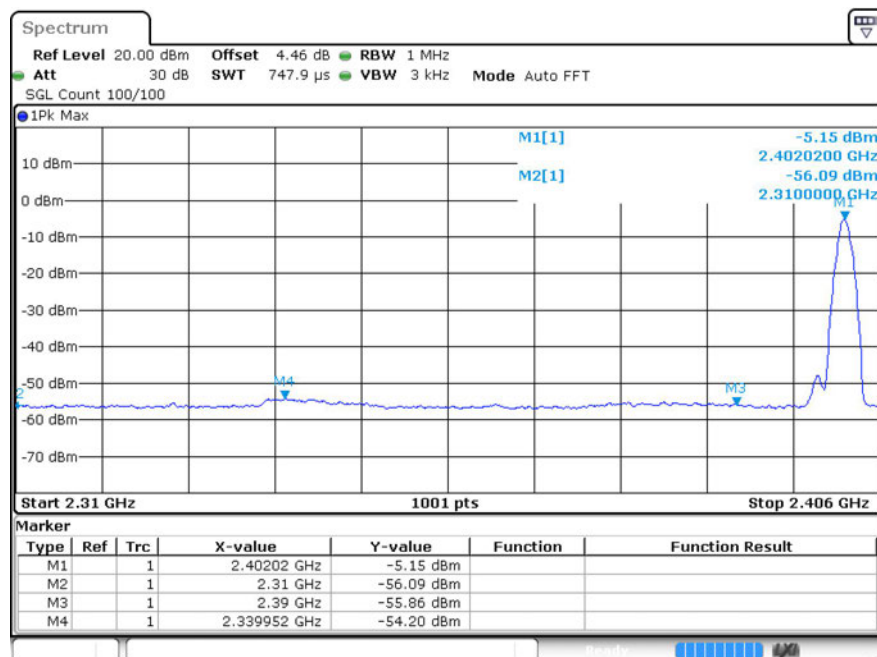
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



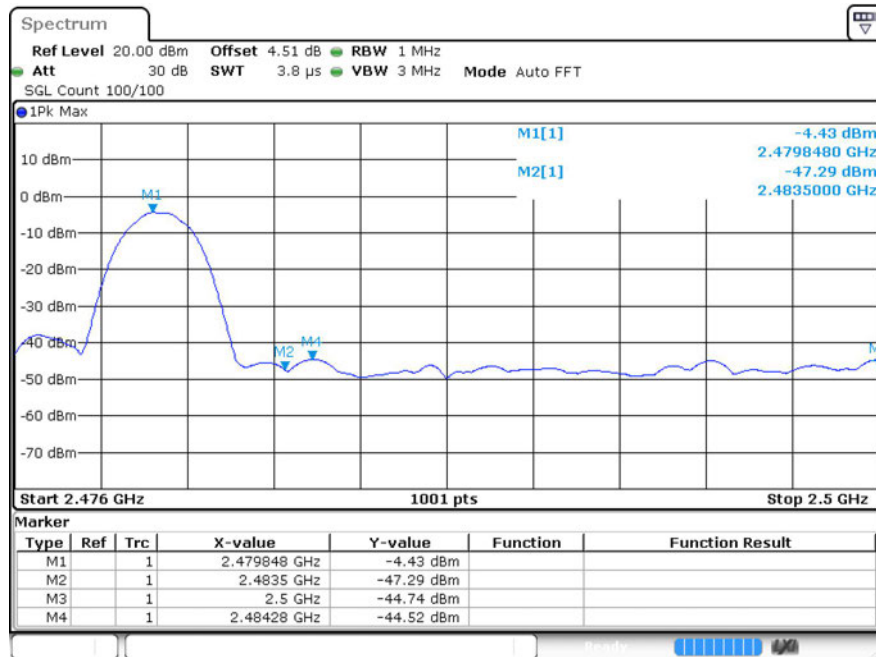
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



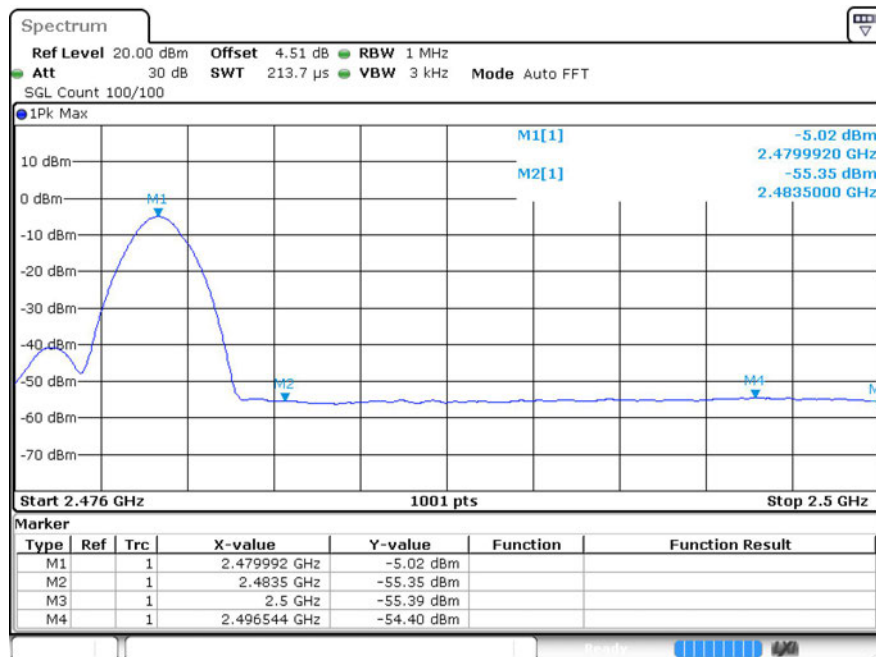
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



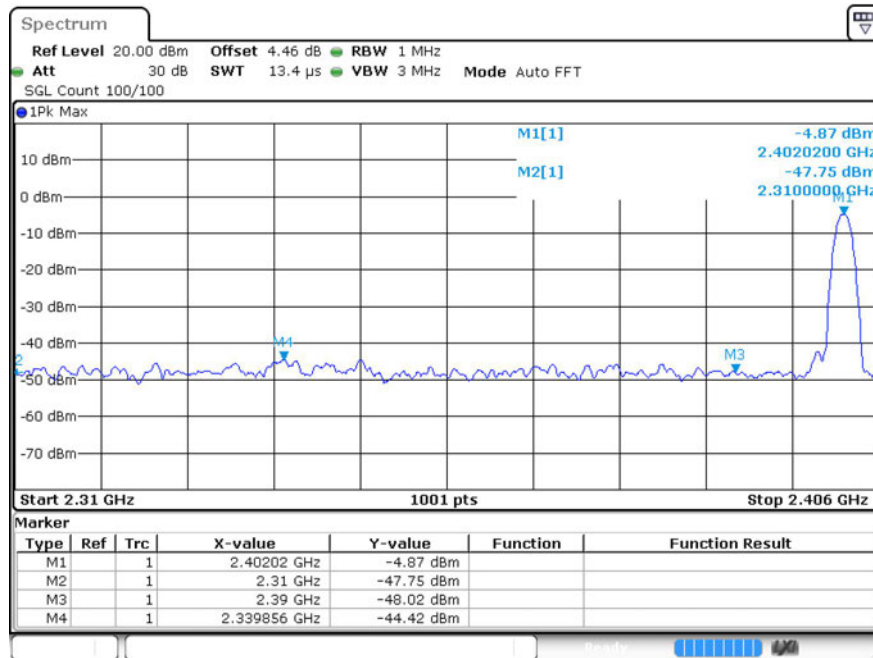
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



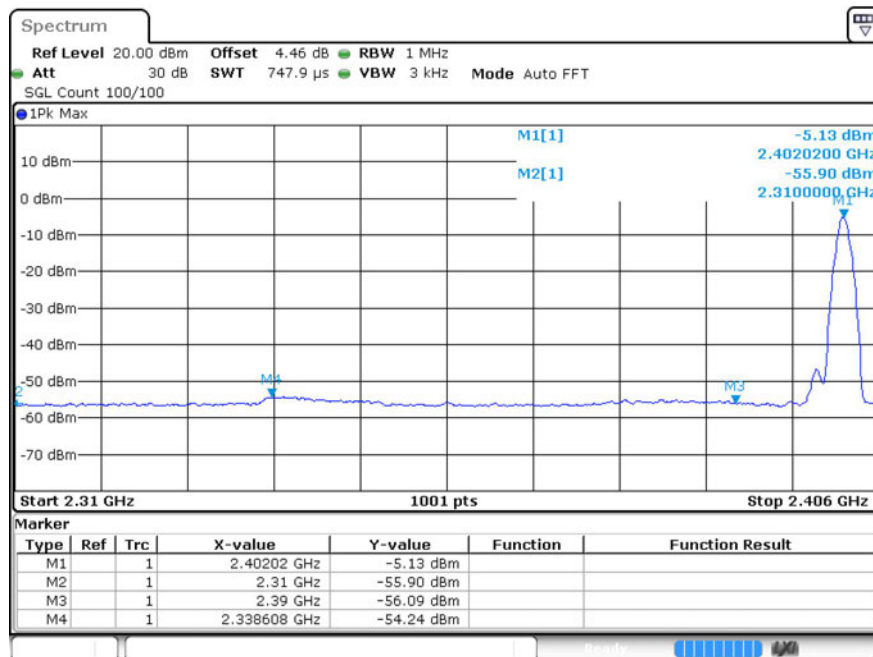
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



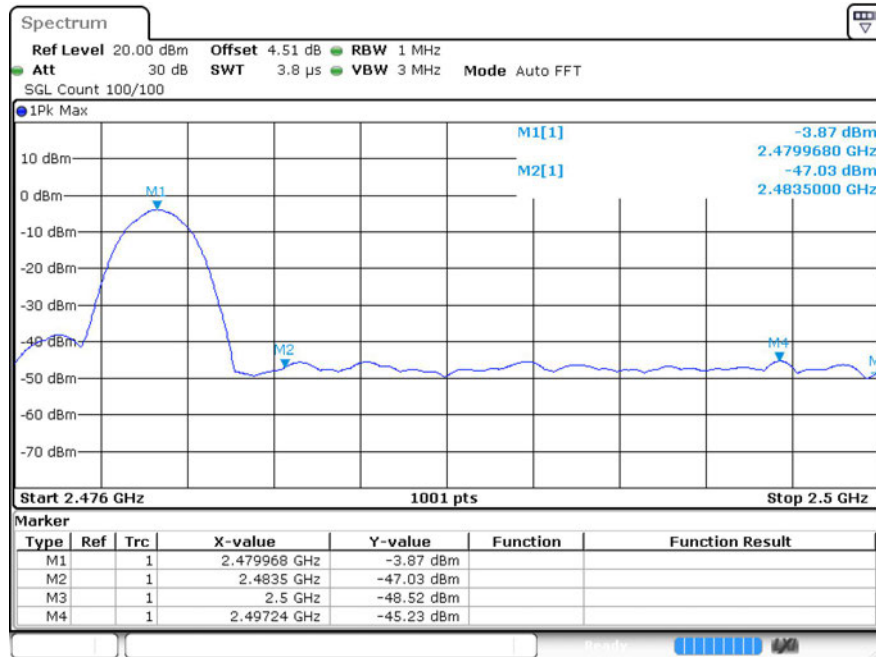
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



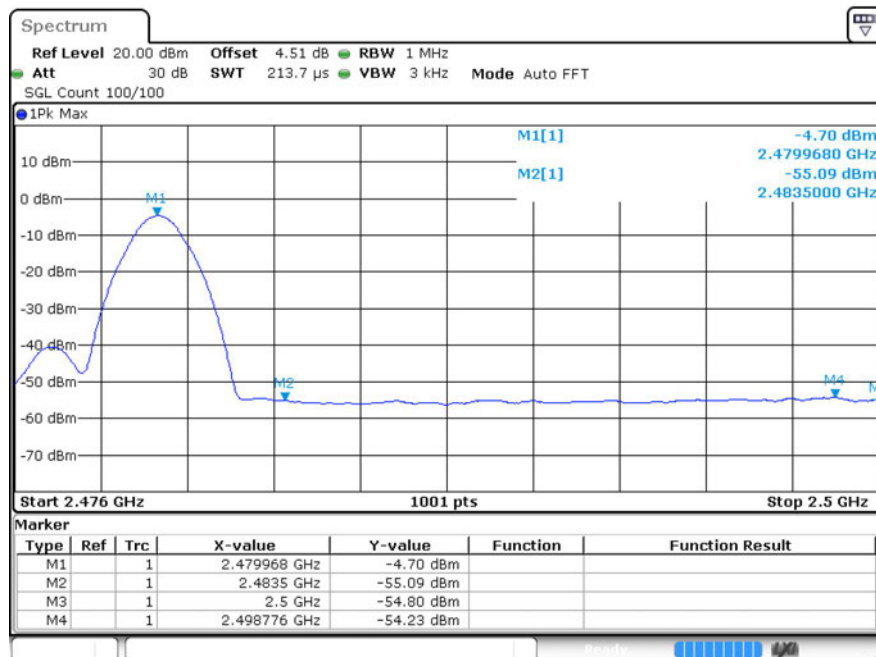
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---