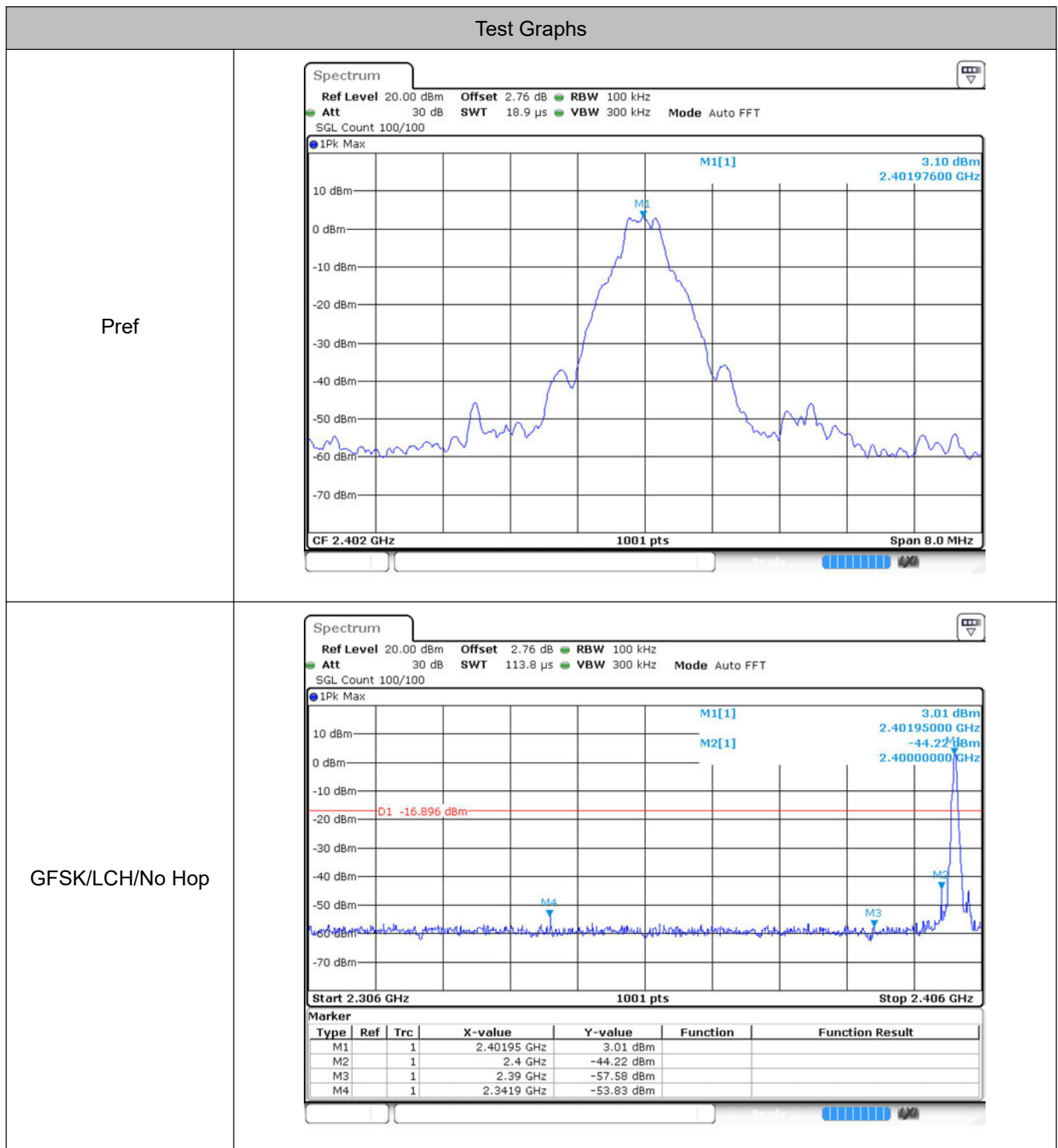


8 Band-edge for RF Conducted Emissions

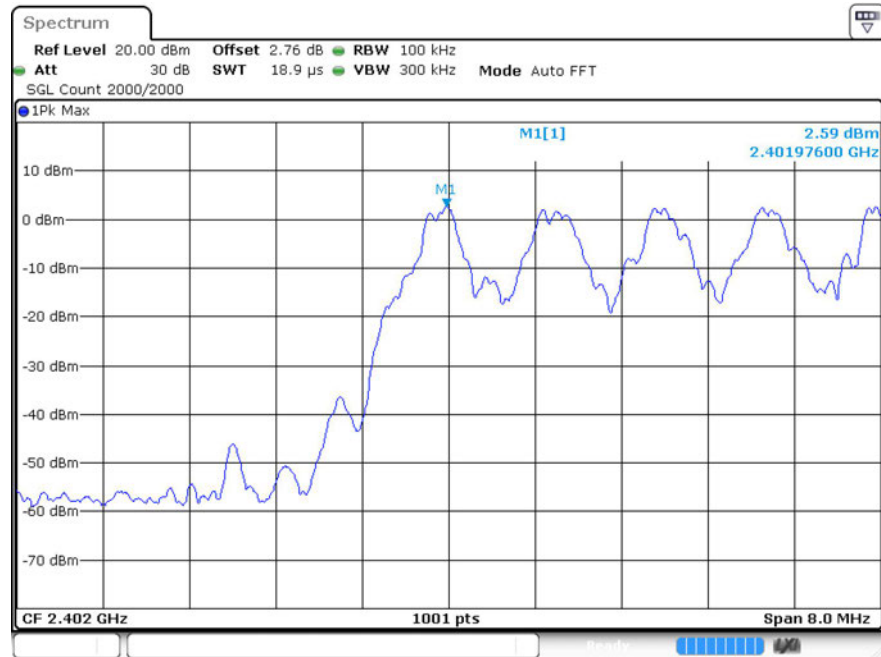
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-56.92	-20	Pass
			On	-55.19	-20	Pass
	HCH	2480	Off	-56.65	-20	Pass
			On	-55.24	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-56.09	-20	Pass
			On	-55.23	-20	Pass
	HCH	2480	Off	-48.75	-20	Pass
			On	-56.02	-20	Pass
8DPSK	LCH	2402	Off	-57.98	-20	Pass
			On	-56.23	-20	Pass
	HCH	2480	Off	-53.21	-20	Pass
			On	-53.29	-20	Pass

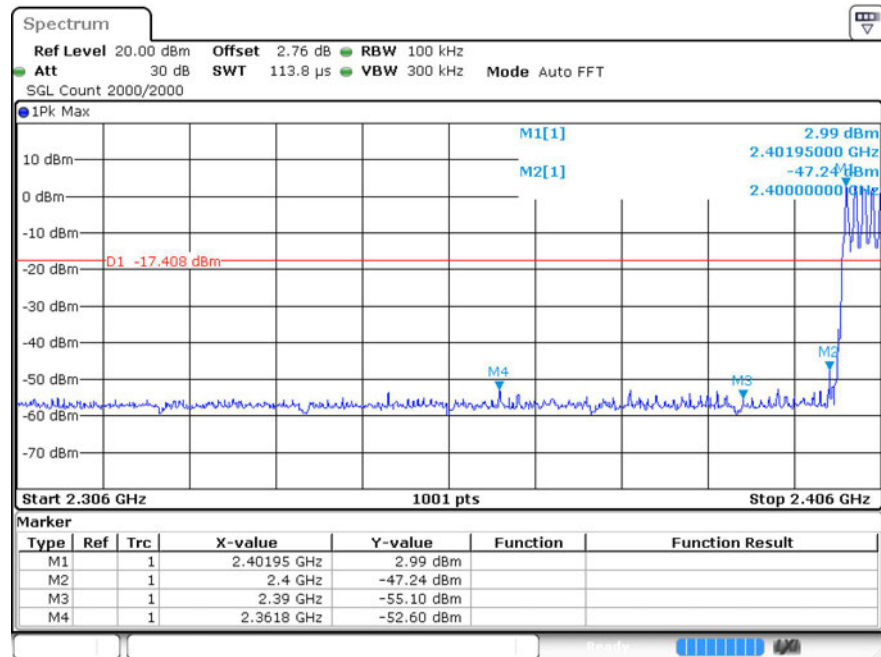
8.2 Test Graphs



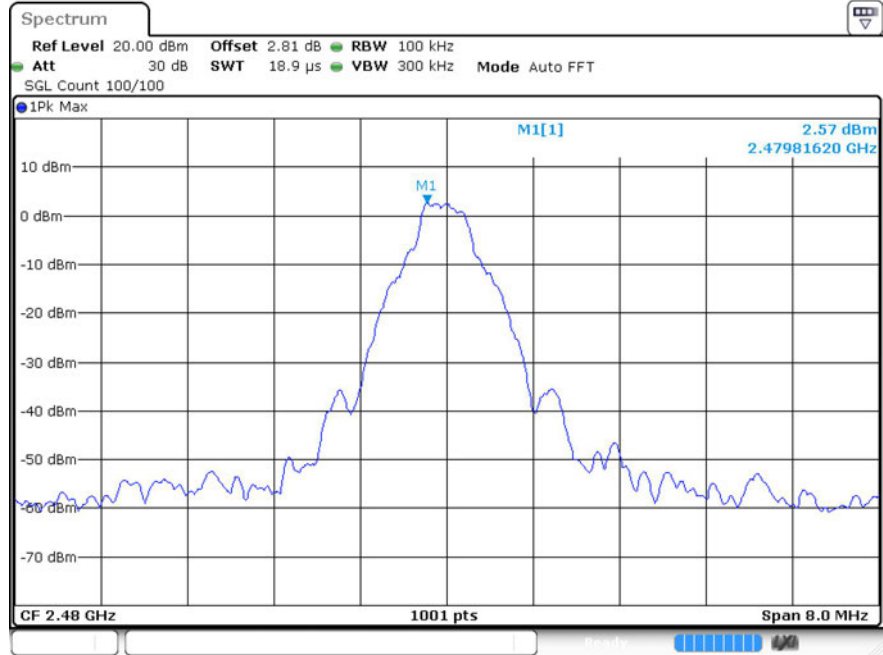
Ref



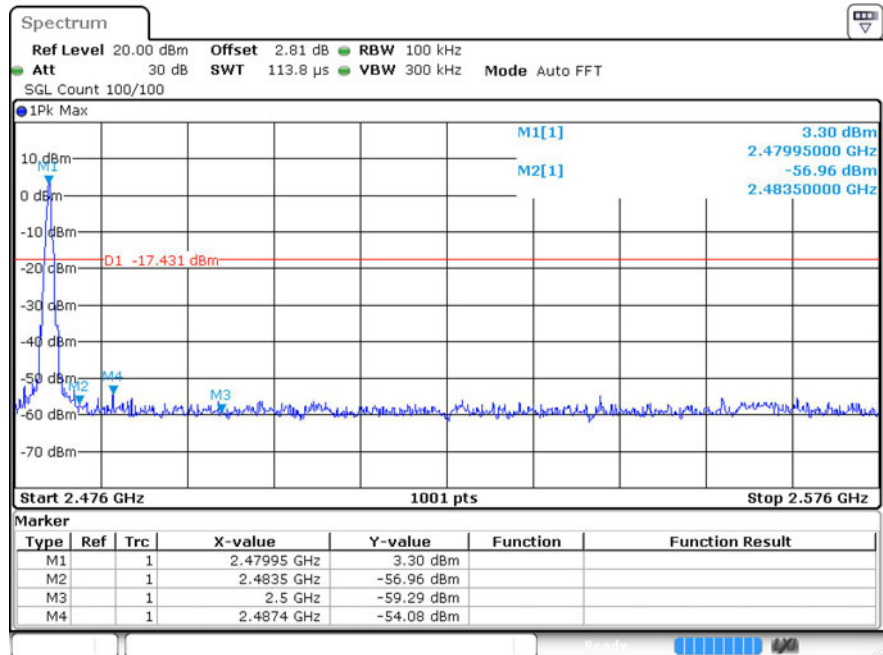
GFSK/LCH/Hop



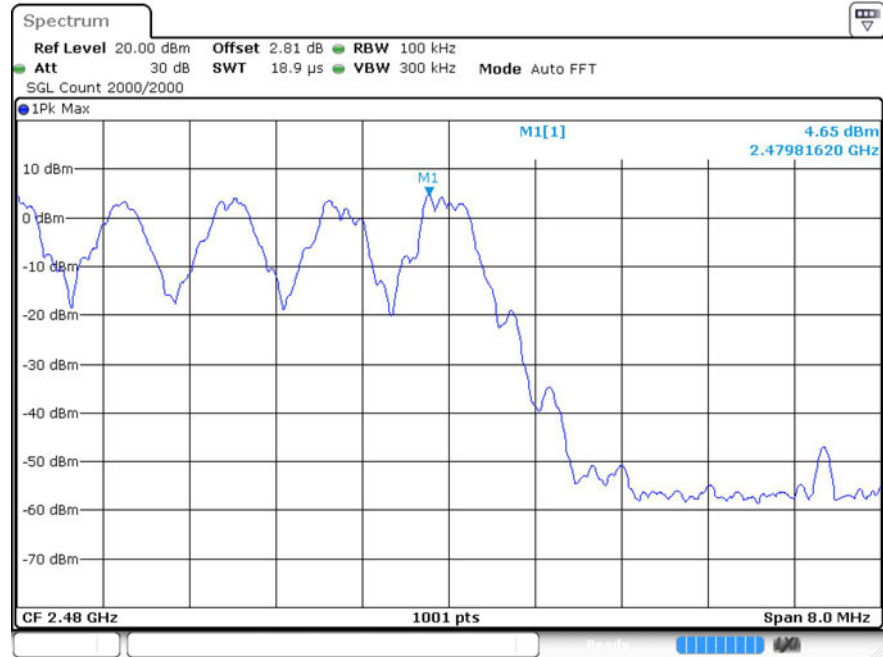
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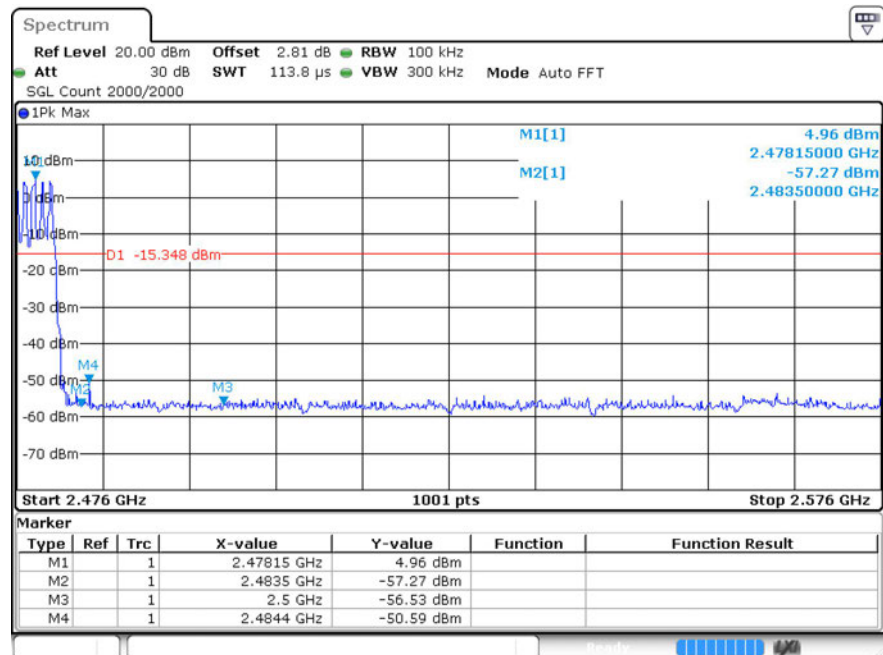
GFSK/HCH/No Hop



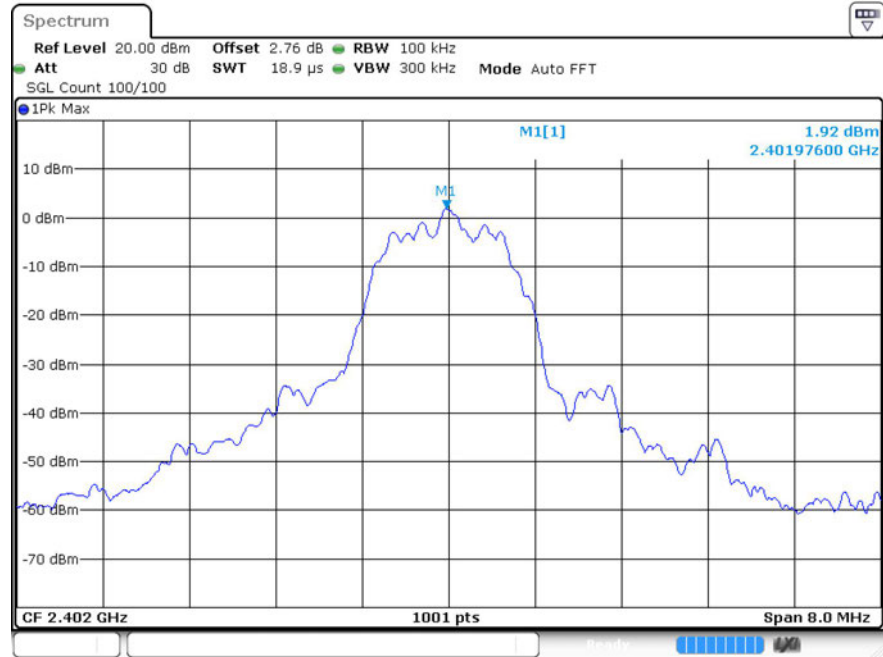
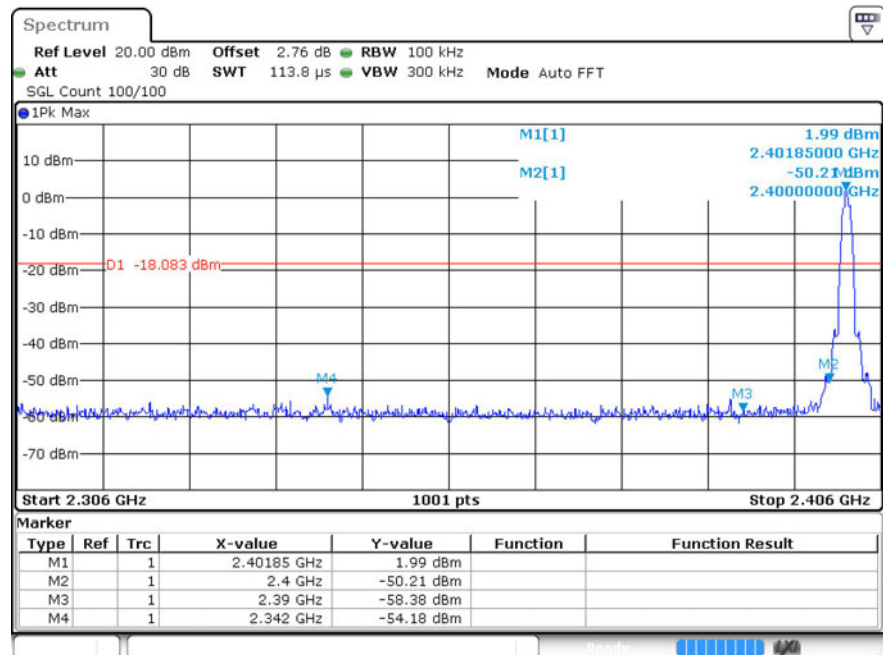
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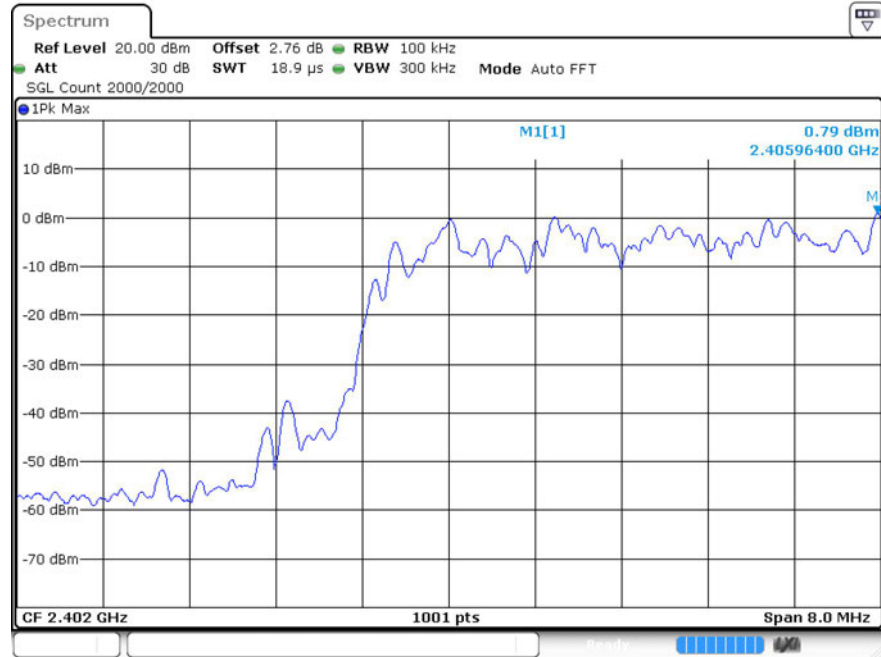
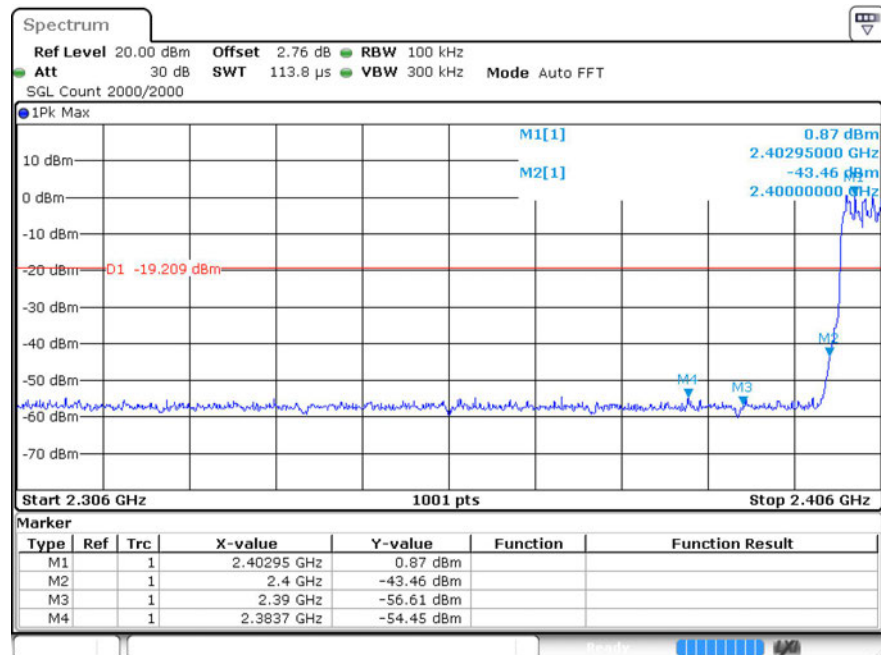
GFSK/HCH/Hop



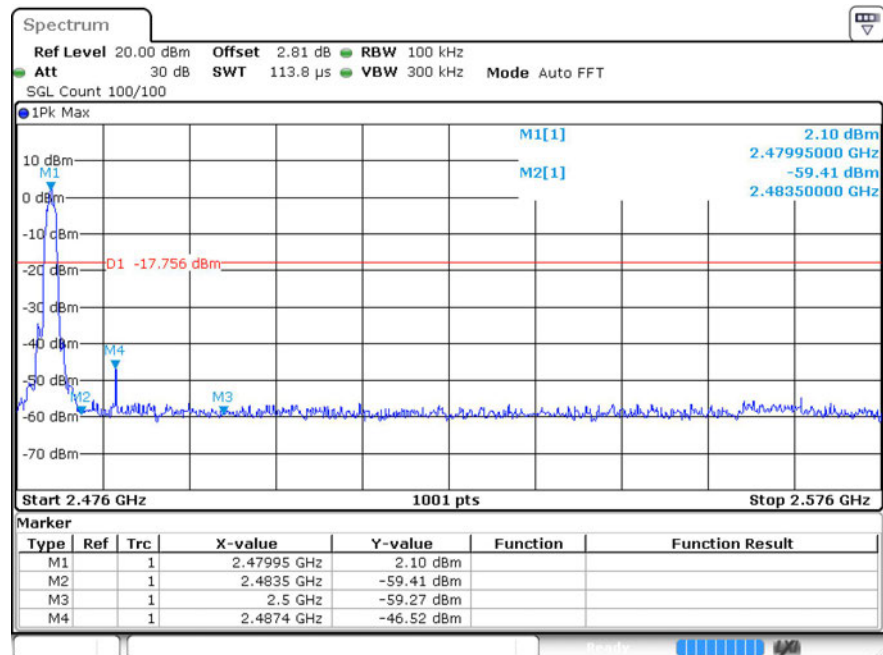
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 $\pi/4$ DQPSK/LCH/No Hop


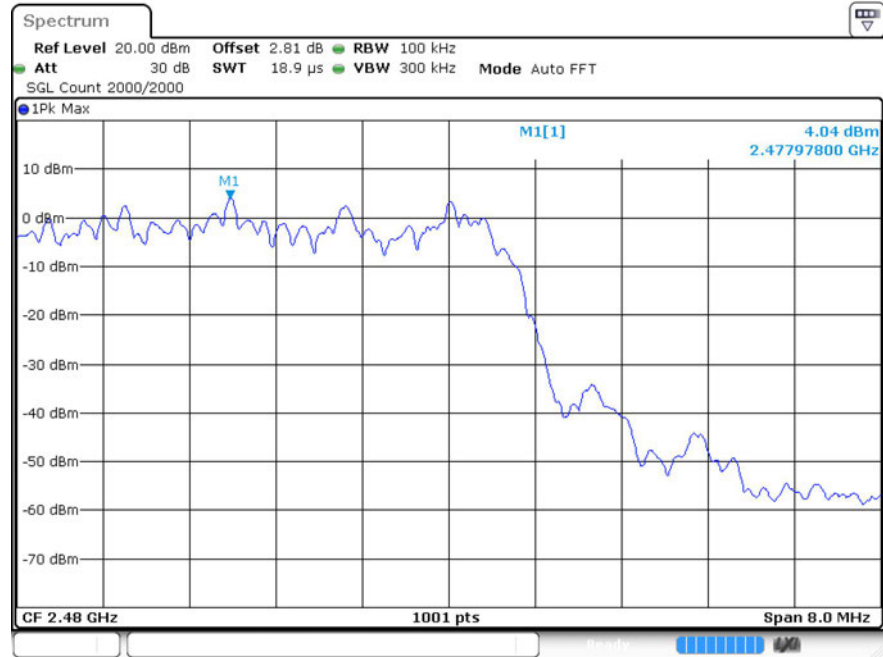
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 $\pi/4$ DQPSK/LCH/Hop


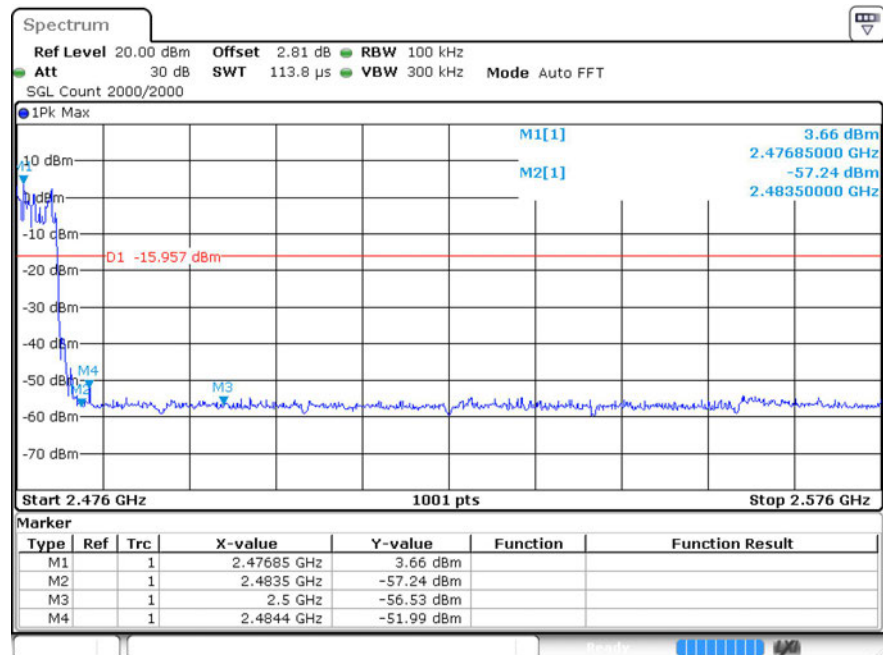
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 $\pi/4$ DQPSK/HCH/No
Hop


Ref



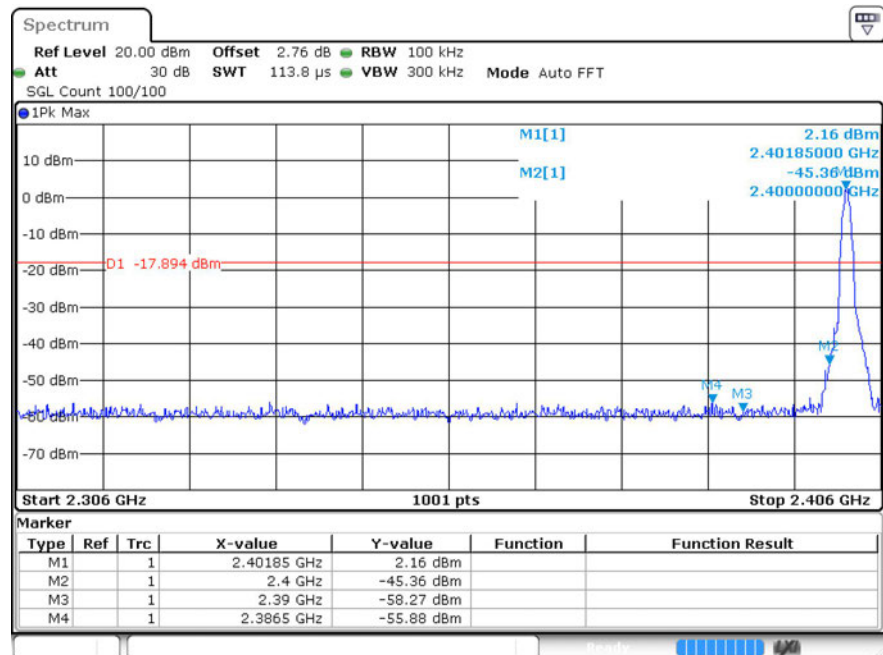
$\pi/4$ DQPSK/HCH/Hop



Ref



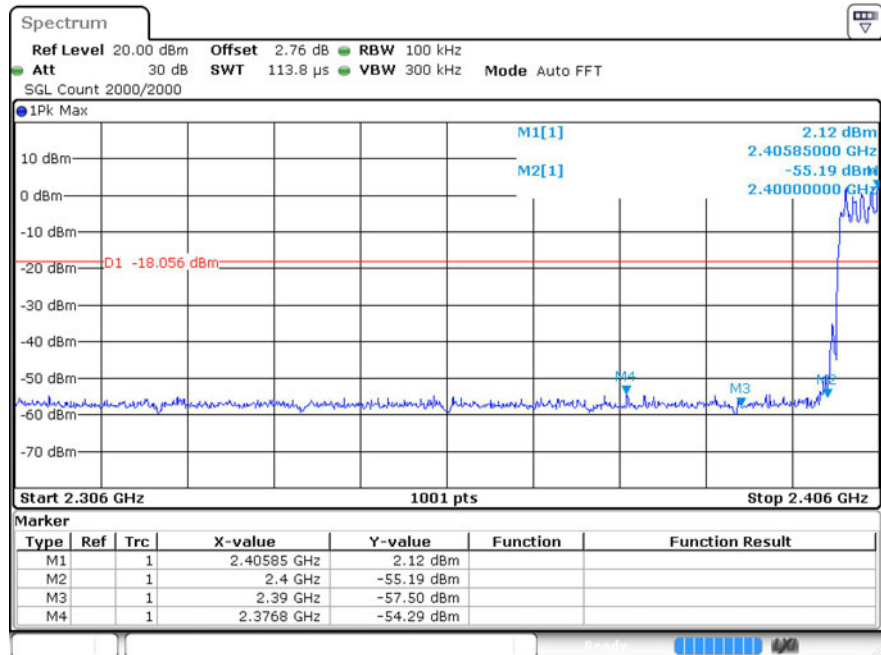
8DPSK/LCH/No Hop



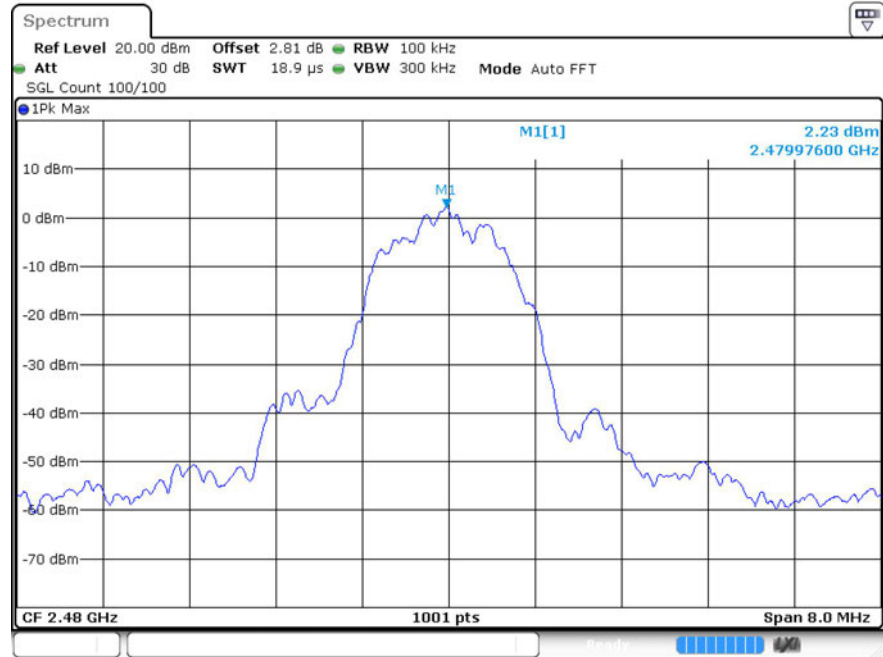
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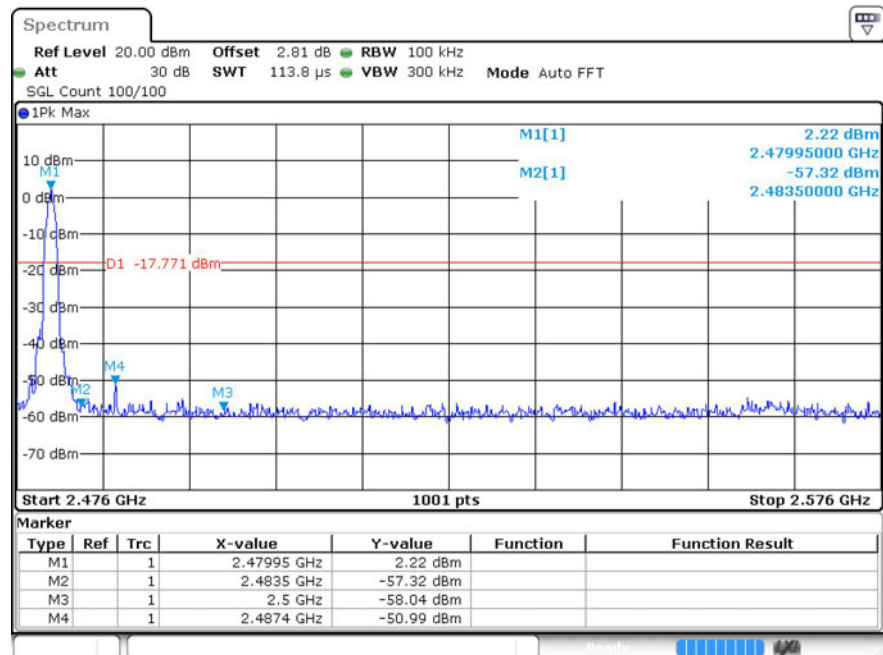
8DPSK/LCH/Hop



Ref



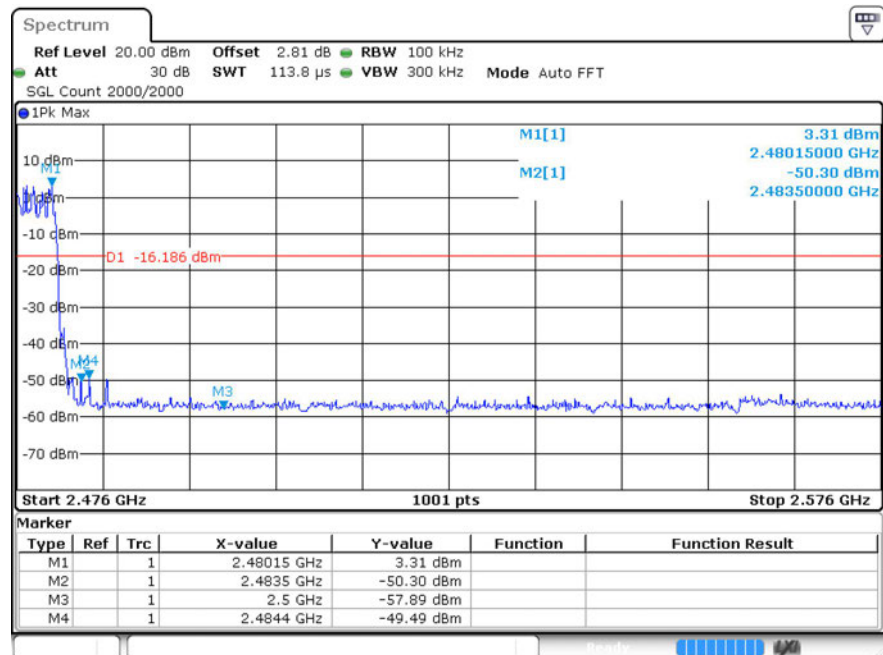
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

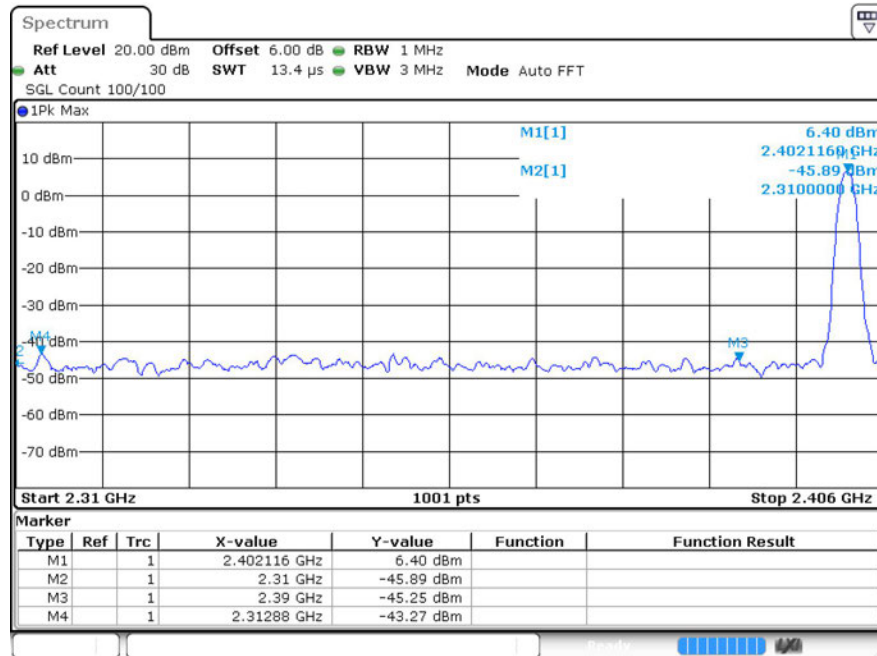
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Cycle Factor (dB)	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-45.89	3.24	--	52.61	PEAK	74	Pass
	Off	2310.0	-54.51	3.24	5.04	49.03	AV	54	Pass
	Off	2312.88	-43.27	3.24	--	55.23	PEAK	74	Pass
	Off	2341.968	-51.77	3.24	5.04	51.77	AV	54	Pass
	Off	2390.0	-45.25	3.24	--	53.25	PEAK	74	Pass
	Off	2390.0	-54.29	3.24	5.04	49.25	AV	54	Pass
	Off	2483.5	-45.61	3.24	--	52.89	PEAK	74	Pass
	Off	2483.5	-52.54	3.24	5.06	51.02	AV	54	Pass
	Off	2485.096	-43.6	3.24	--	54.90	PEAK	74	Pass
	Off	2483.512	-52.54	3.24	5.06	51.02	AV	54	Pass
	Off	2500.0	-46.56	3.24	--	51.94	PEAK	74	Pass
	Off	2500.0	-54.66	3.24	5.06	48.90	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-47.64	3.24	--	50.86	PEAK	74	Pass
	Off	2310.0	-54.54	3.24	4.95	48.91	AV	54	Pass
	Off	2341.872	-42.84	3.24	--	55.66	PEAK	74	Pass
	Off	2342.16	-52.34	3.24	4.95	51.11	AV	54	Pass
	Off	2390.0	-45.98	3.24	--	52.52	PEAK	74	Pass
	Off	2390.0	-54.6	3.24	4.95	48.85	AV	54	Pass
	Off	2483.5	-43.17	3.24	--	55.33	PEAK	74	Pass
	Off	2483.5	-51.91	3.24	4.91	51.50	AV	54	Pass
	Off	2487.424	-41.75	3.24	--	56.75	PEAK	74	Pass
	Off	2483.512	-51.91	3.24	4.91	51.50	AV	54	Pass
	Off	2500.0	-46.2	3.24	--	52.30	PEAK	74	Pass
	Off	2500.0	-54.14	3.24	4.91	49.27	AV	54	Pass
8DPSK	Off	2310.0	-46.51	3.24	--	51.99	PEAK	74	Pass
	Off	2310.0	-54.84	3.24	4.95	48.61	AV	54	Pass
	Off	2343.216	-43.61	3.24	--	54.89	PEAK	74	Pass
	Off	2341.968	-52.16	3.24	4.95	51.29	AV	54	Pass



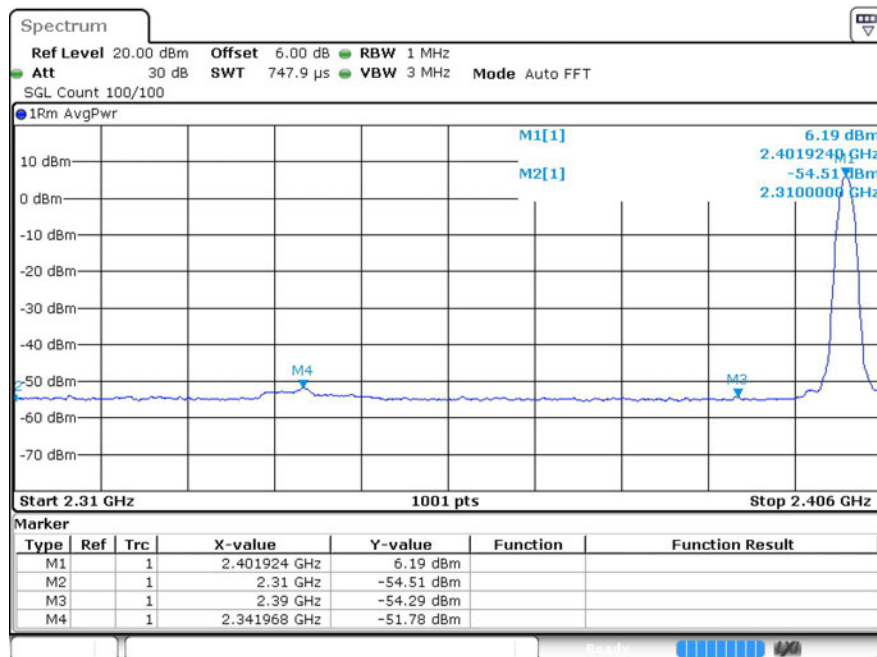
Off	2390.0	-45.84	3.24	--	52.66	PEAK	74	Pass
Off	2390.0	-54.45	3.24	4.95	49.00	AV	54	Pass
Off	2483.5	-45.66	3.24	--	52.84	PEAK	74	Pass
Off	2483.5	-51.61	3.24	4.90	51.79	AV	54	Pass
Off	2486.968	-43.63	3.24	--	54.87	PEAK	74	Pass
Off	2484.208	-51.6	3.24	4.90	51.80	AV	54	Pass
Off	2500.0	-45.41	3.24	--	53.09	PEAK	74	Pass
Off	2500.0	-54.35	3.24	4.90	49.05	AV	54	Pass

9.2 Test Graphs

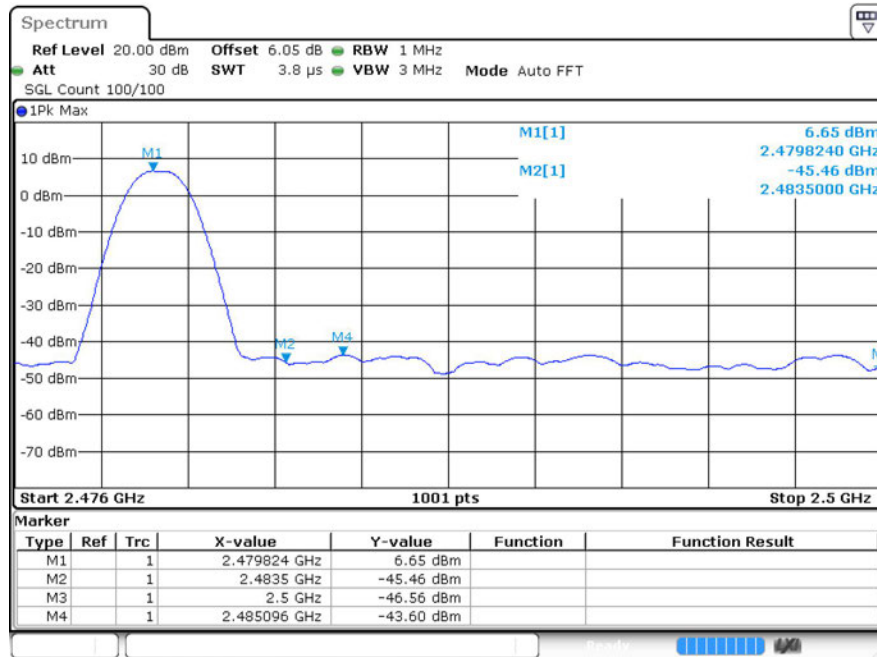
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



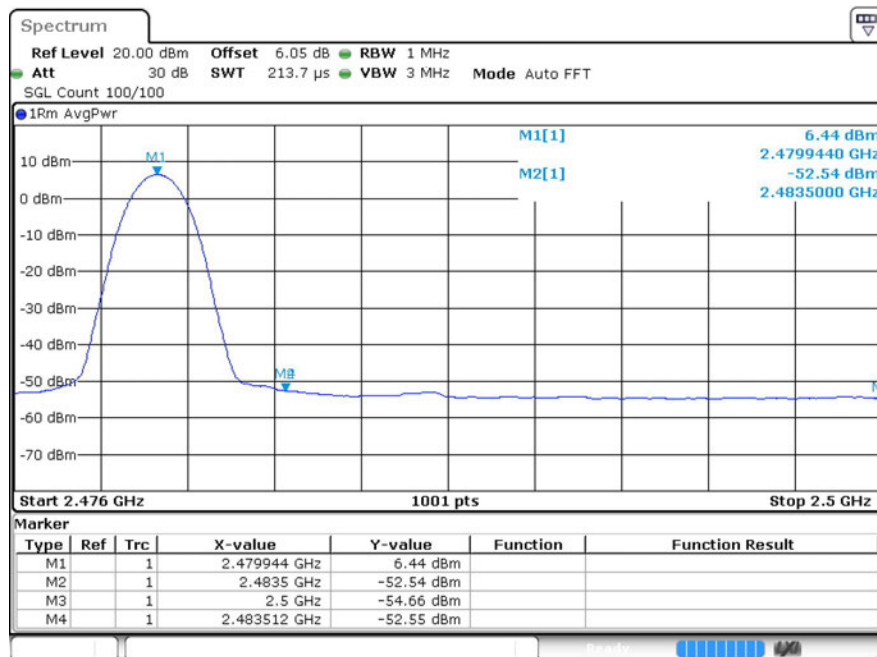
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



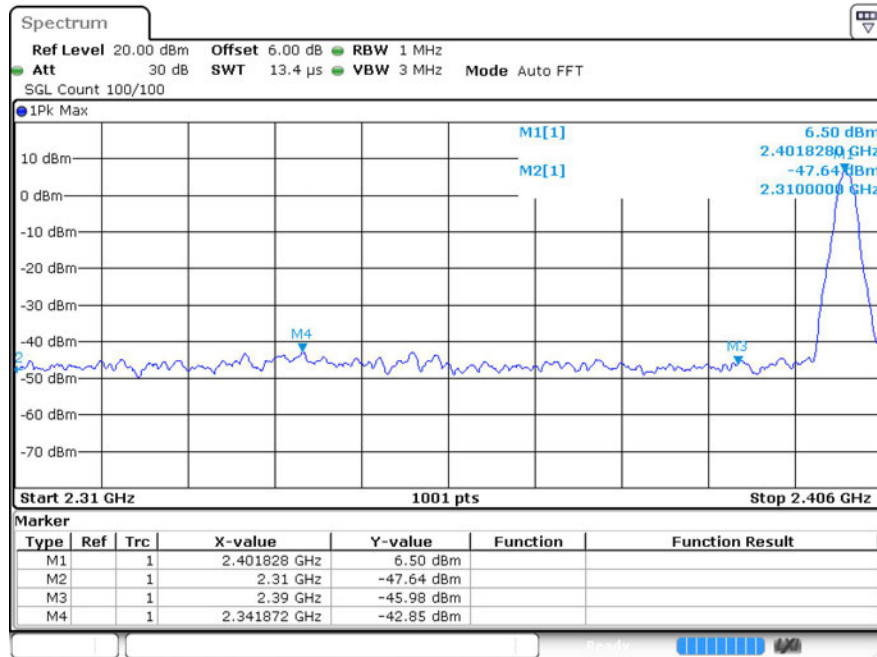
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



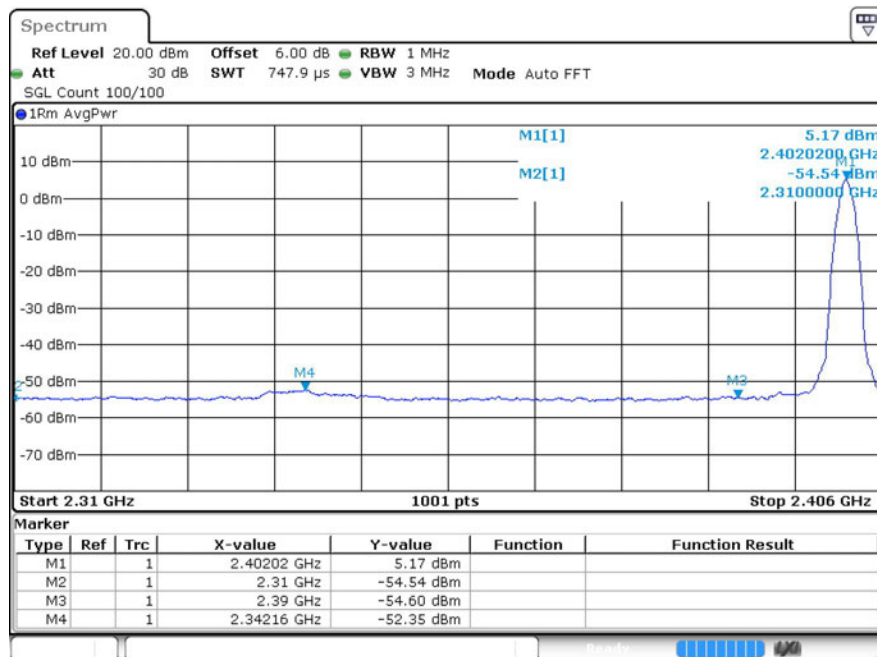
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



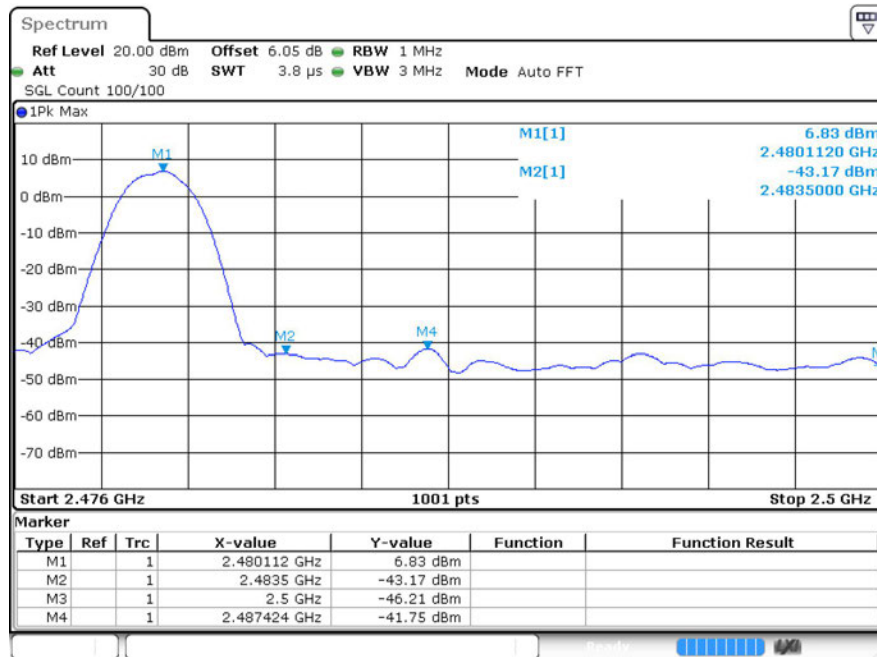
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



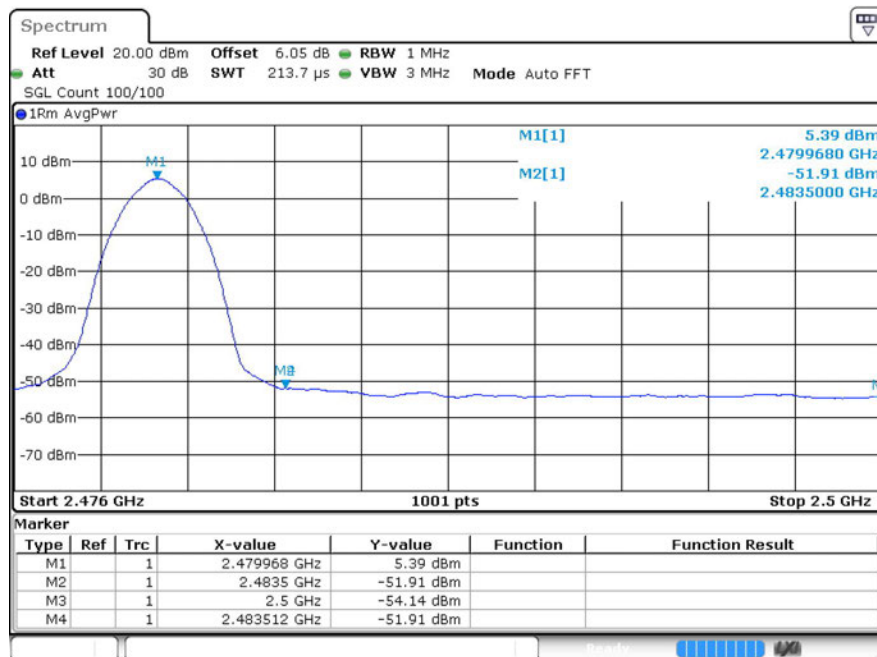
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



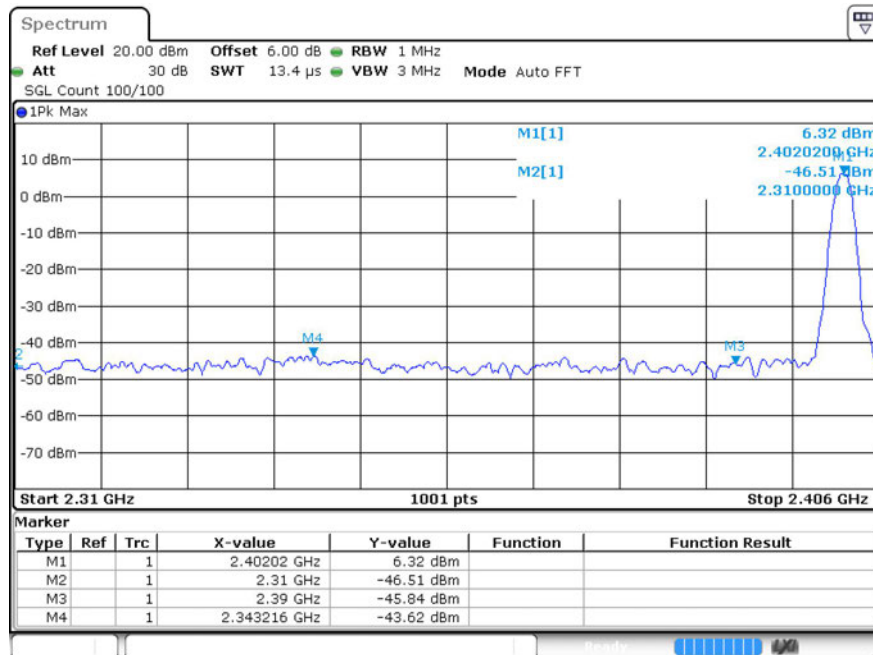
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



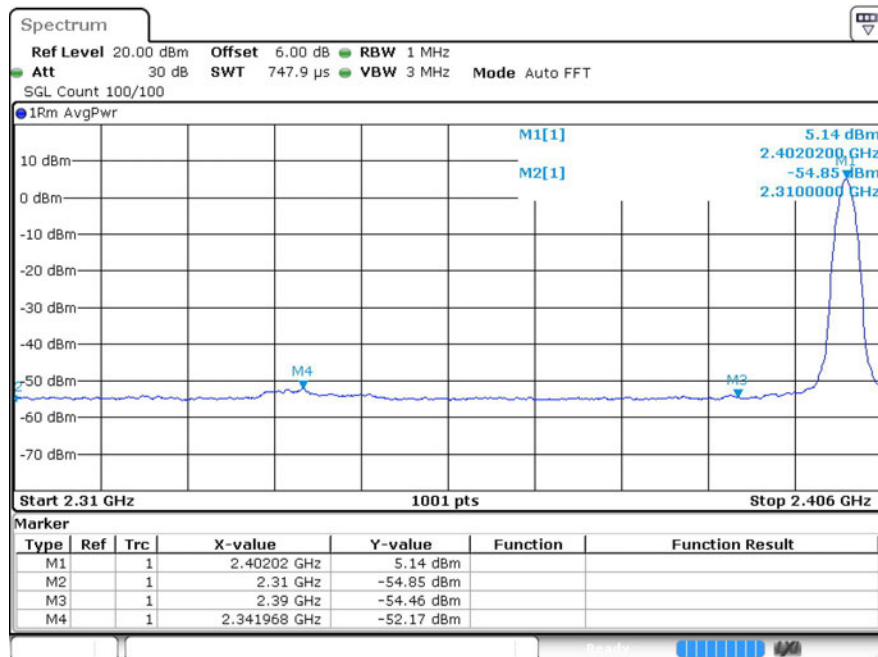
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



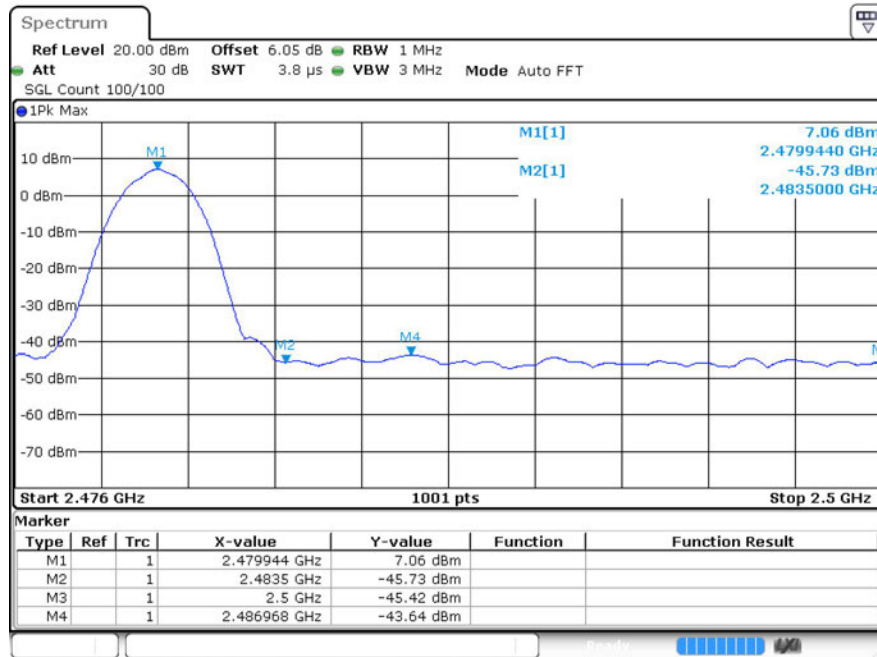
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



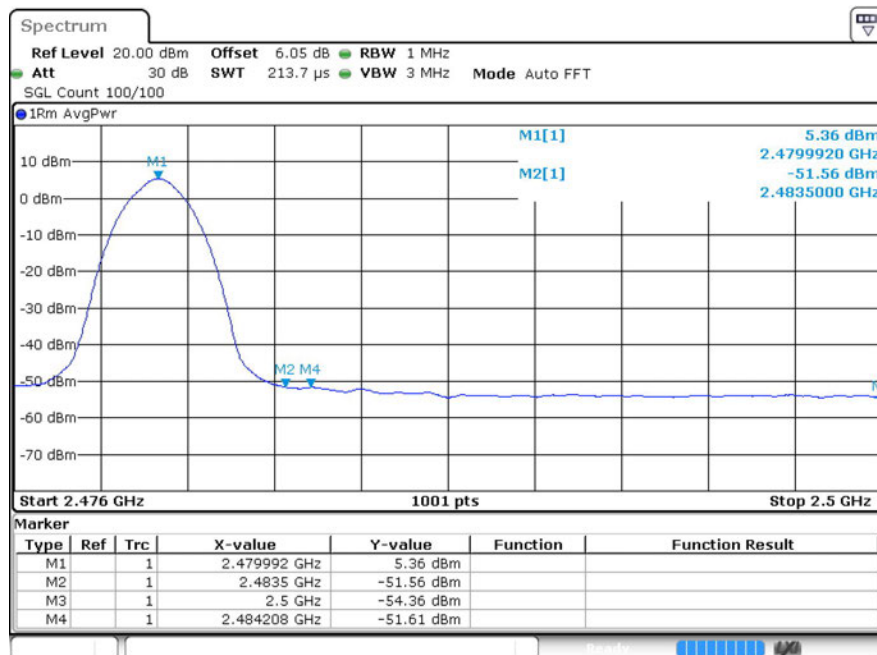
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---