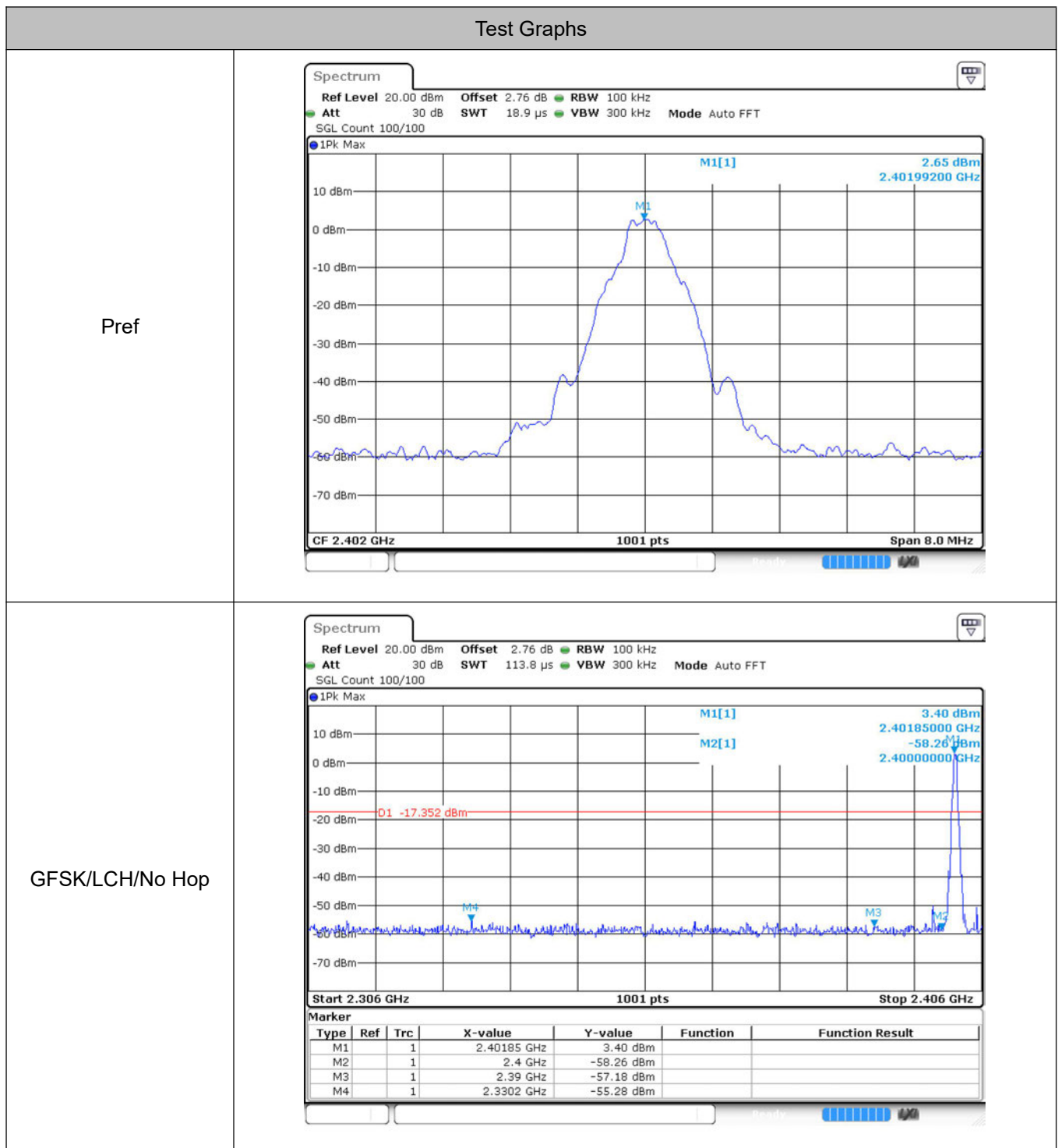


8 Band-edge for RF Conducted Emissions

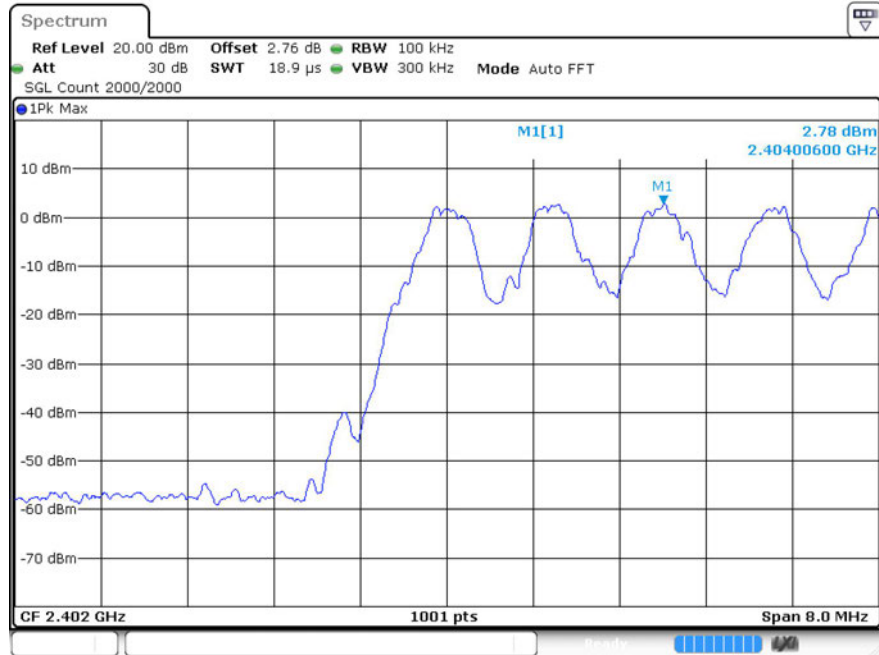
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-57.92	-20	Pass
			On	-57.02	-20	Pass
	HCH	2480	Off	-56.27	-20	Pass
			On	-54.45	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-57.76	-20	Pass
			On	-56.84	-20	Pass
	HCH	2480	Off	-55.1	-20	Pass
			On	-54.65	-20	Pass
8DPSK	LCH	2402	Off	-58.41	-20	Pass
			On	-56.9	-20	Pass
	HCH	2480	Off	-55.47	-20	Pass
			On	-54.99	-20	Pass

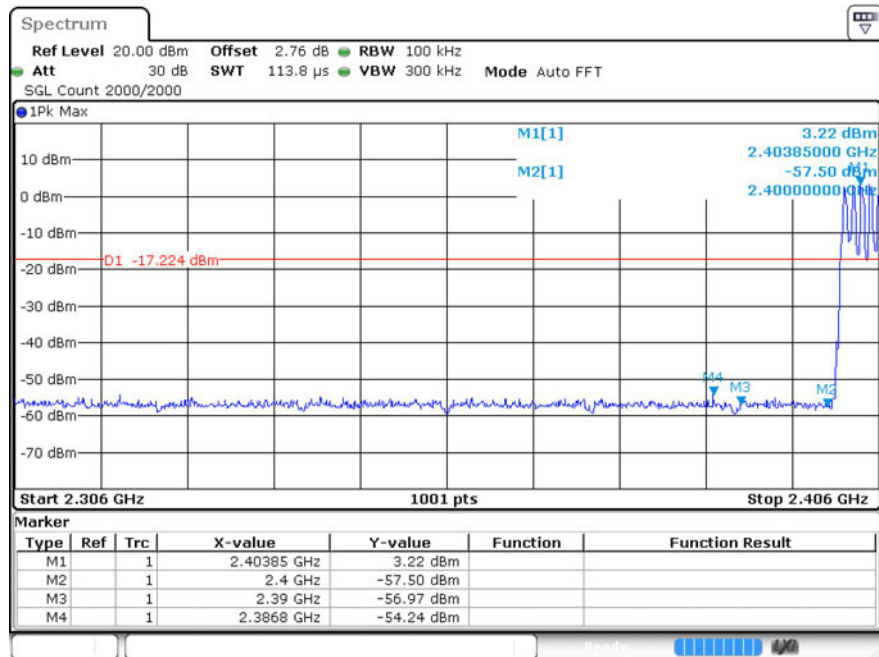
8.2 Test Graphs



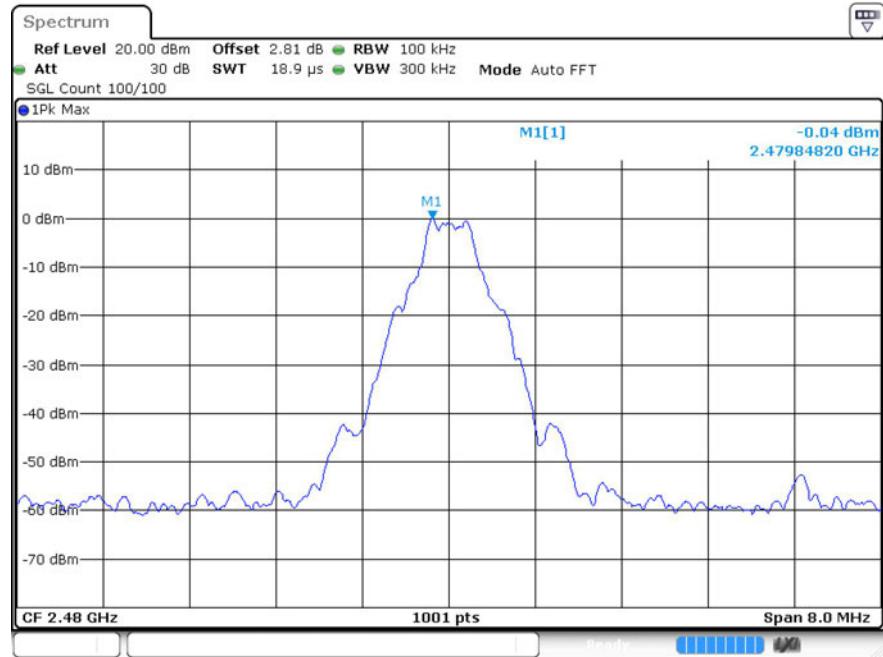
Ref



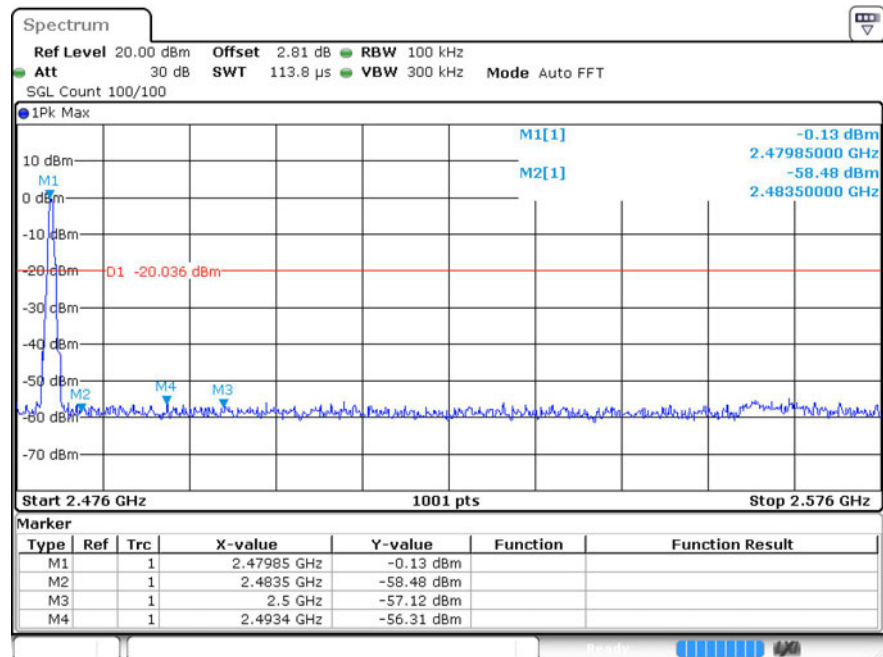
GFSK/LCH/Hop



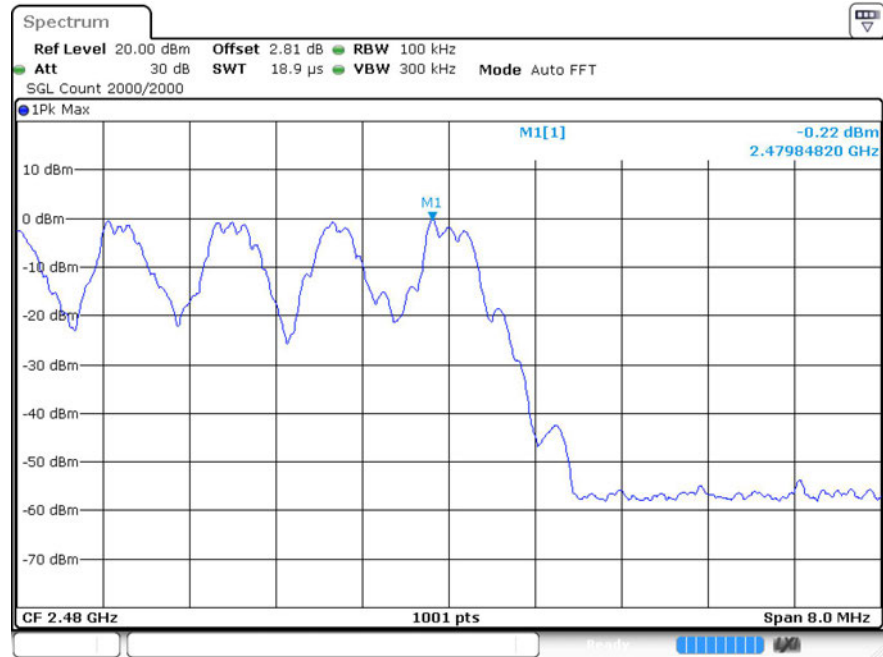
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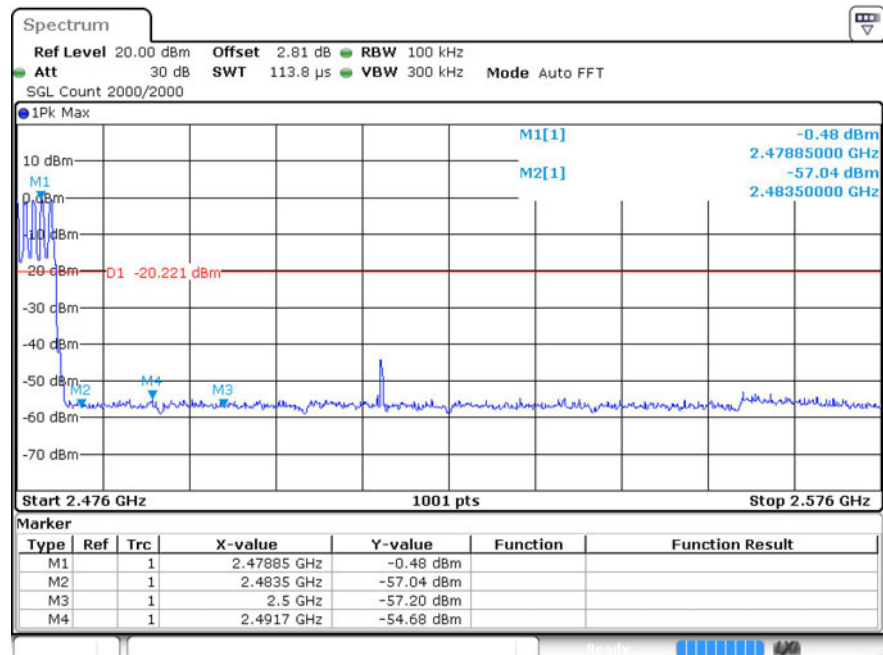
GFSK/HCH/No Hop



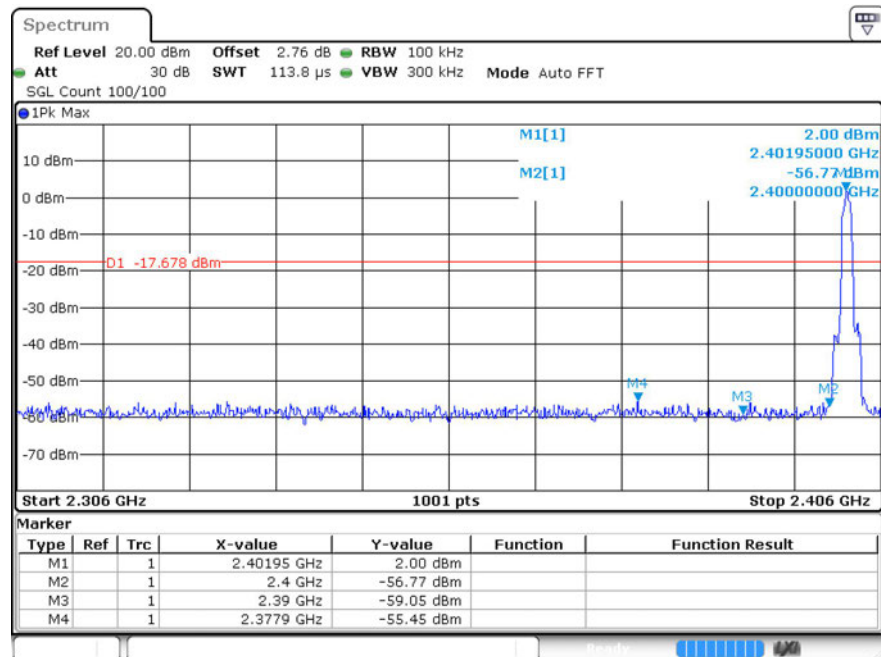
Ref.



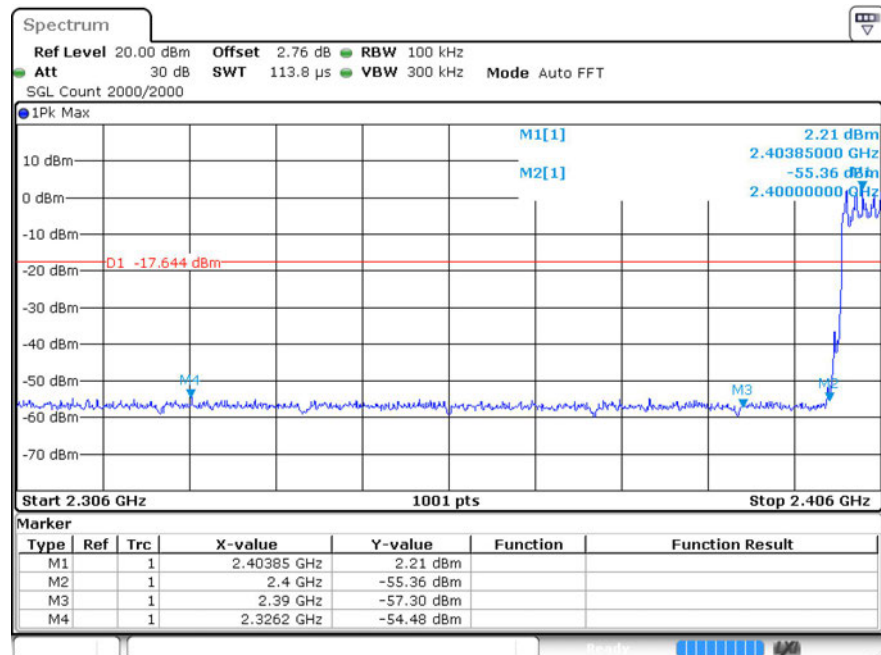
GFSK/HCH/Hop



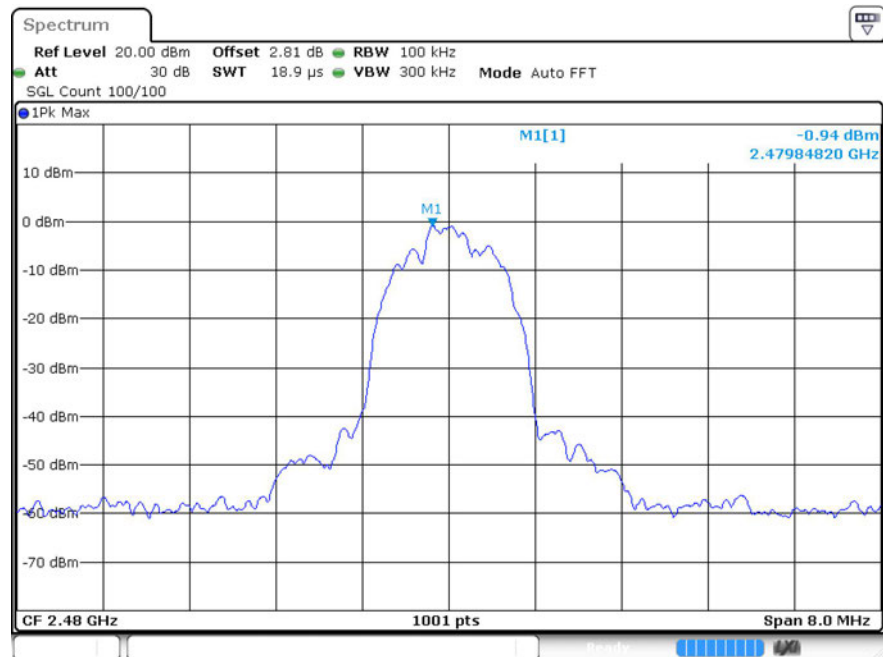
Ref


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


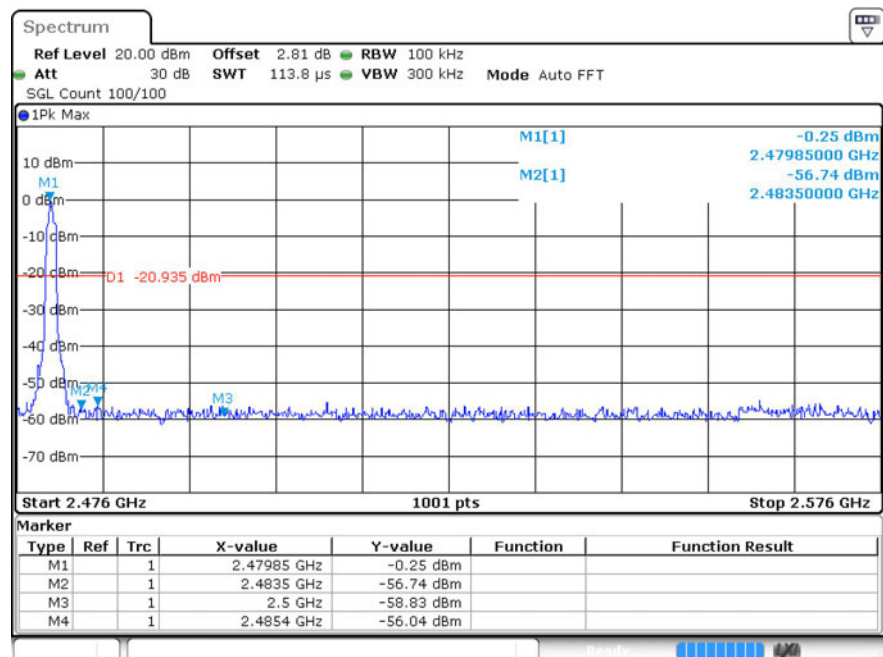
Ref


 $\pi/4$ DQPSK/LCH/Hop


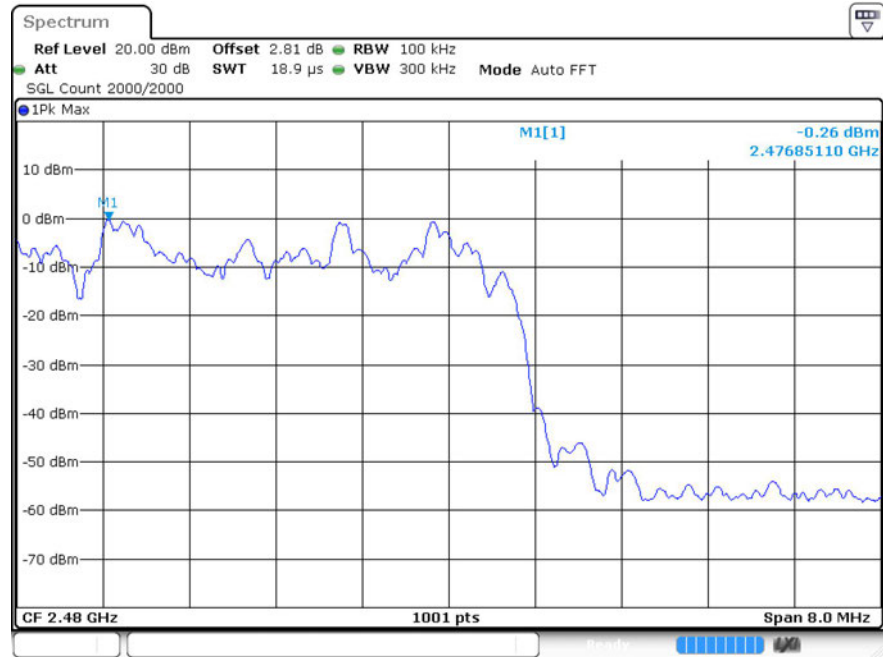
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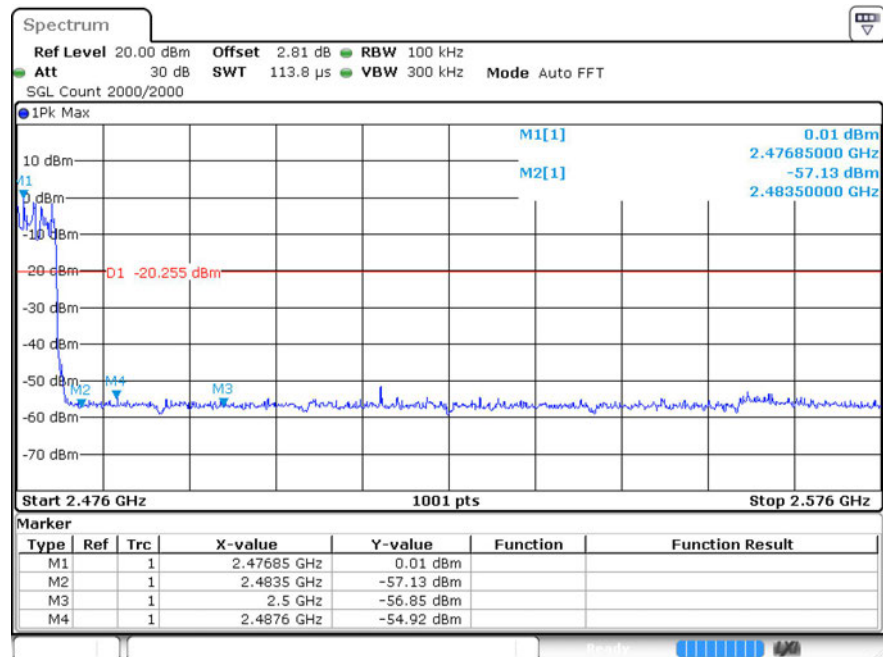
$\pi/4$ DQPSK/HCH/No
Hop



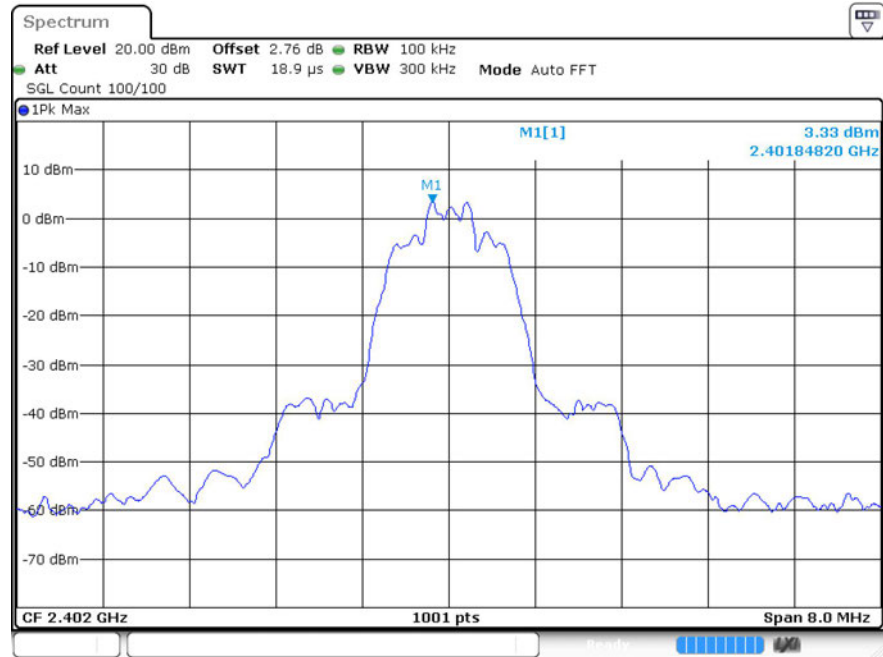
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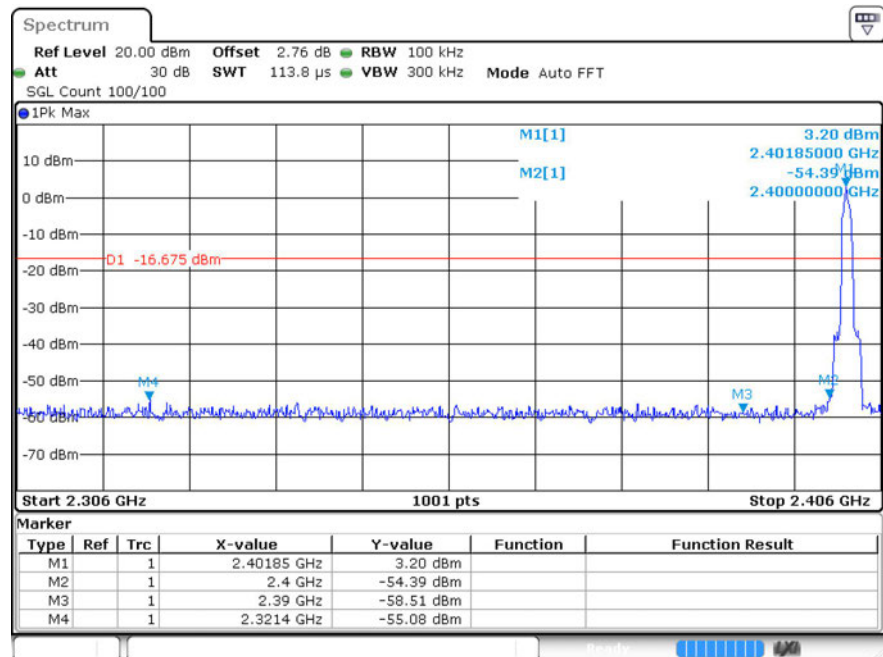
$\pi/4$ DQPSK/HCH/Hop



Ref



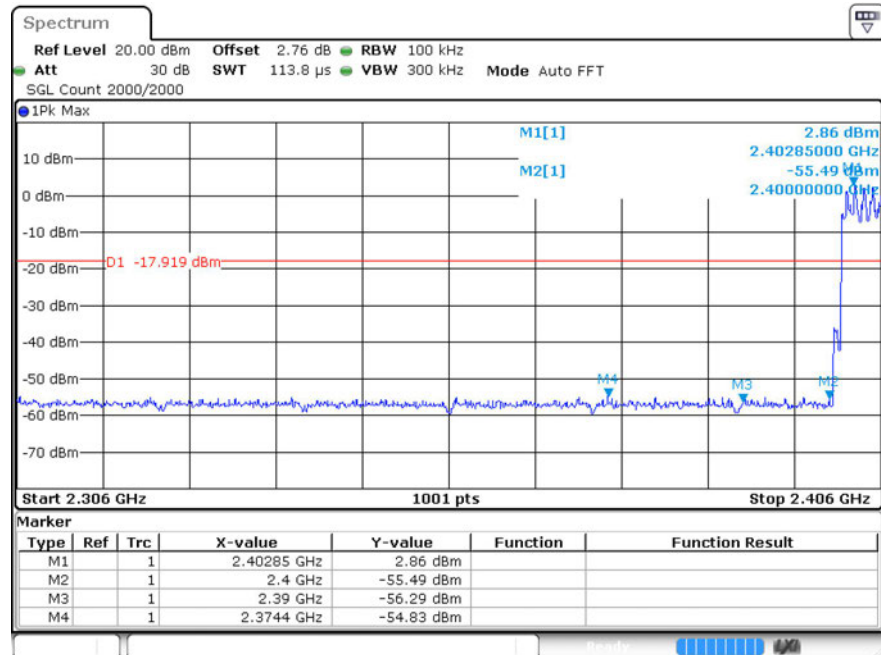
8DPSK/LCH/No Hop



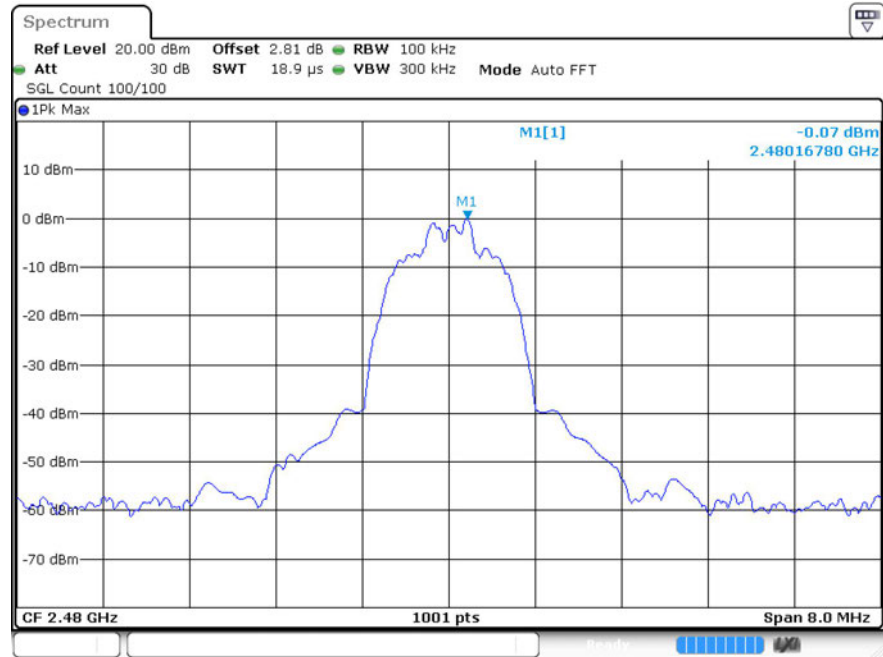
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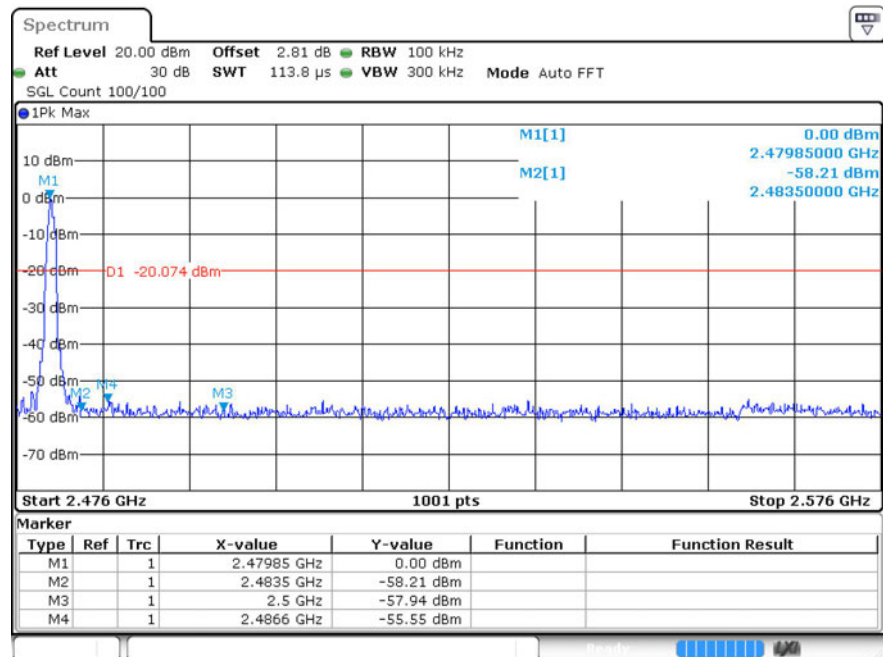
8DPSK/LCH/Hop



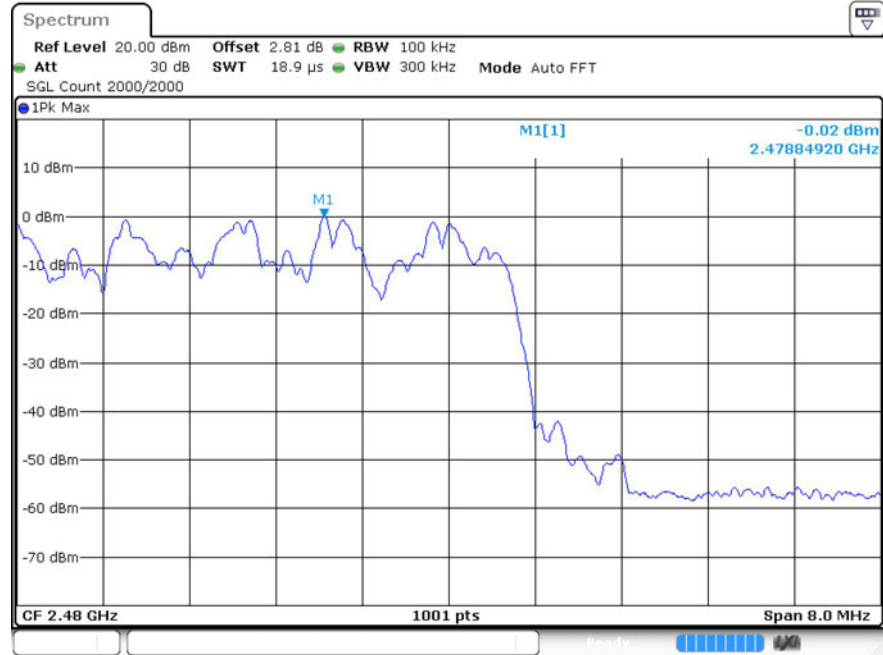
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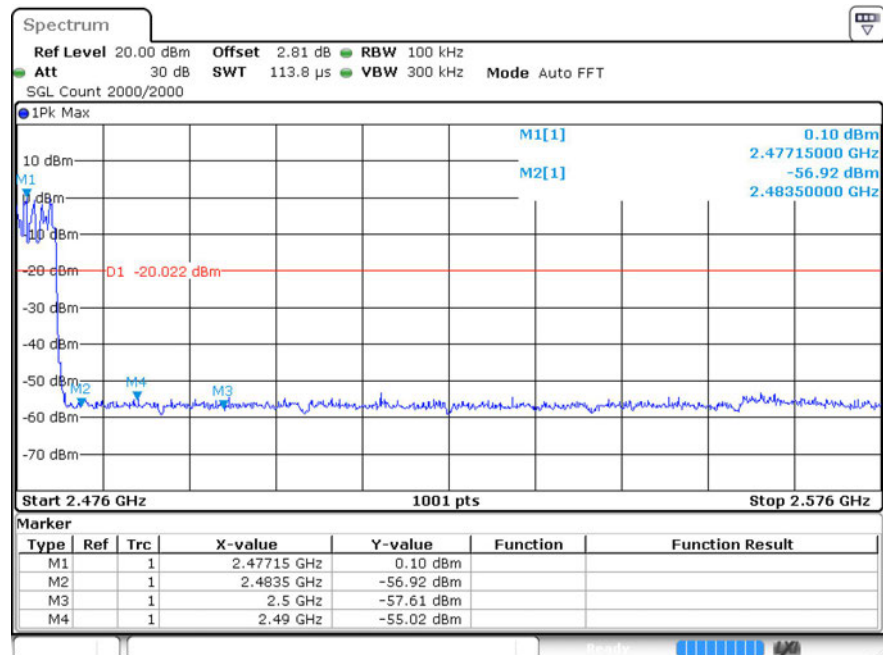
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

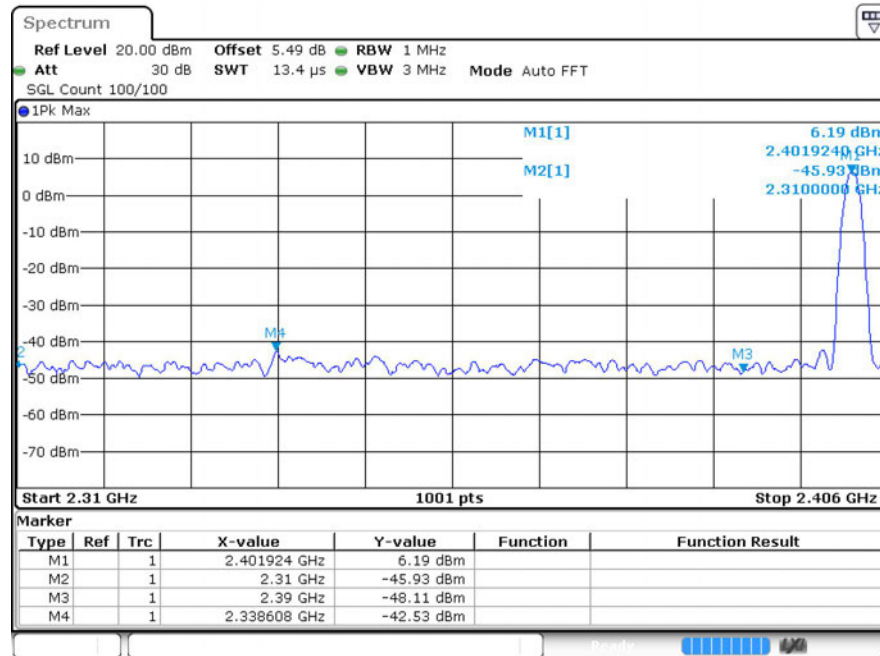
Test Mode	Hopping	Freq.	Power [dBm]	Gain	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-45.92	2.70	52.07	PEAK	74	Pass
	Off	2310.0	-54.28	2.70	43.71	AV	54	Pass
	Off	2338.608	-42.53	2.70	55.46	PEAK	74	Pass
	Off	2338.128	-52.7	2.70	45.29	AV	54	Pass
	Off	2390.0	-48.11	2.70	49.88	PEAK	74	Pass
	Off	2390.0	-55.44	2.70	42.55	AV	54	Pass
	Off	2483.5	-44.8	2.70	53.19	PEAK	74	Pass
	Off	2483.5	-54.46	2.70	43.53	AV	54	Pass
	Off	2483.512	-44.8	2.70	53.19	PEAK	74	Pass
	Off	2492.896	-54.04	2.70	43.95	AV	54	Pass
	Off	2500.0	-46.68	2.70	51.31	PEAK	74	Pass
	Off	2500.0	-54.95	2.70	43.04	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-46.56	2.70	51.43	PEAK	74	Pass
	Off	2310.0	-54.66	2.70	43.33	AV	54	Pass
	Off	2321.616	-42.9	2.70	55.09	PEAK	74	Pass
	Off	2338.032	-52.49	2.70	45.5	AV	54	Pass
	Off	2390.0	-45.62	2.70	52.37	PEAK	74	Pass
	Off	2390.0	-55.26	2.70	42.70	AV	54	Pass
	Off	2483.5	-44.54	2.70	53.45	PEAK	74	Pass
	Off	2483.5	-54.72	2.70	43.27	AV	54	Pass
	Off	2485.912	-43.99	2.70	54	PEAK	74	Pass
	Off	2492.416	-53.84	2.70	44.15	AV	54	Pass
	Off	2500.0	-47.25	2.70	50.74	PEAK	74	Pass
	Off	2500.0	-54.75	2.70	43.24	AV	54	Pass
8DPSK	Off	2310.0	-47.8	2.70	50.19	PEAK	74	Pass
	Off	2310.0	-54.6	2.70	43.39	AV	54	Pass
	Off	2338.896	-43.03	2.70	54.96	PEAK	74	Pass
	Off	2341.2	-52.63	2.70	45.36	AV	54	Pass



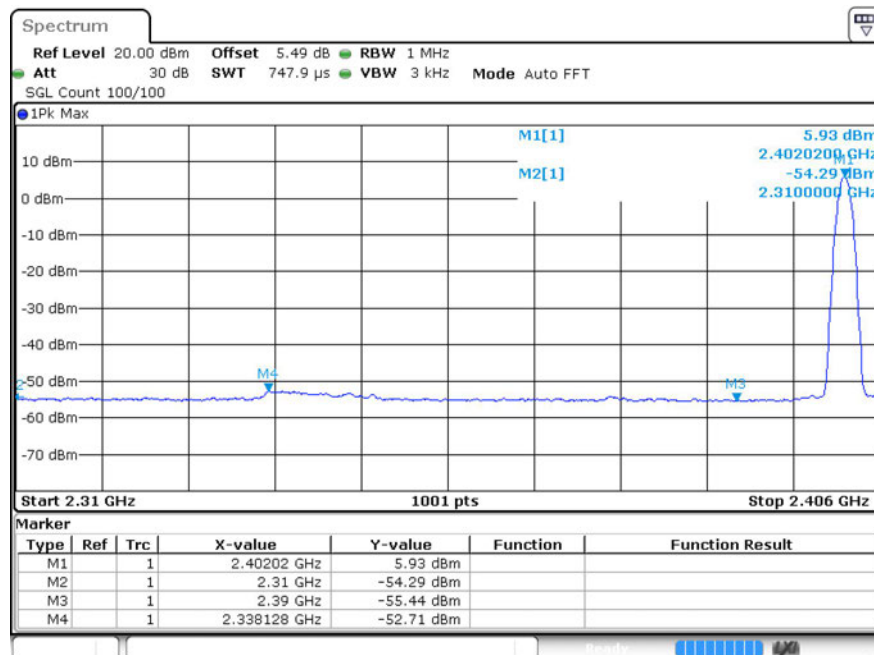
	Off	2390.0	-45.87	2.70	52.12	PEAK	74	Pass
	Off	2390.0	-55.2	2.70	42.79	AV	54	Pass
	Off	2483.5	-44.92	2.70	53.07	PEAK	74	Pass
	Off	2483.5	-54.5	2.70	43.49	AV	54	Pass
	Off	2484.52	-42.16	2.70	55.83	PEAK	74	Pass
	Off	2484.592	-54.15	2.70	43.84	AV	54	Pass
	Off	2500.0	-44.98	2.70	53.01	PEAK	74	Pass
	Off	2500.0	-54.69	2.70	43.3	AV	54	Pass

9.2 Test Graphs

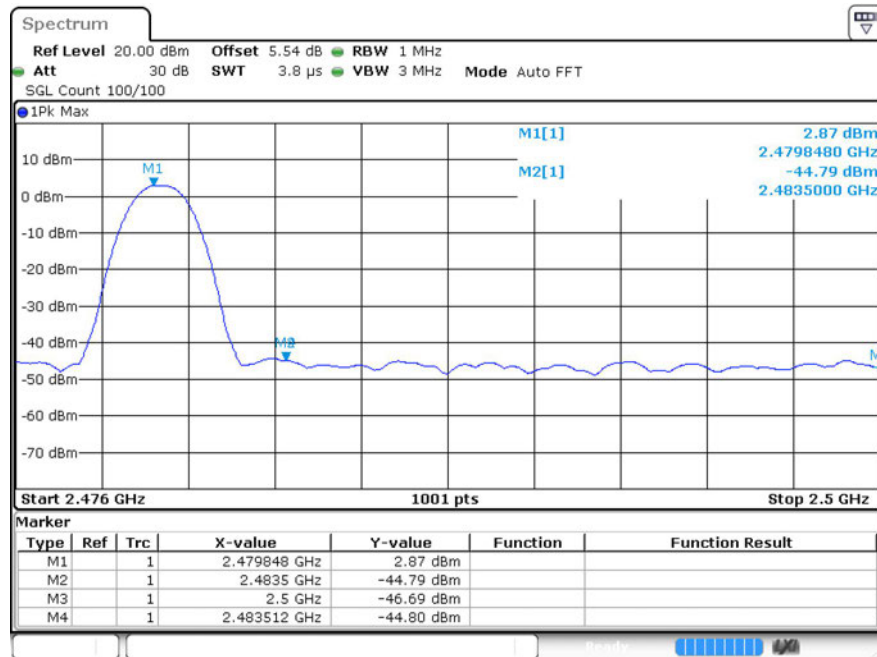
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



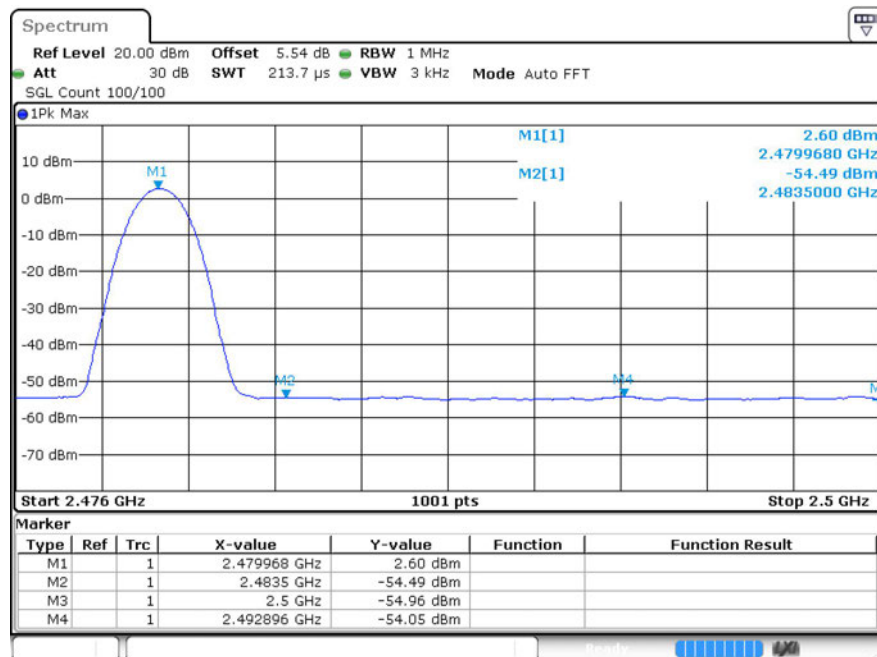
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



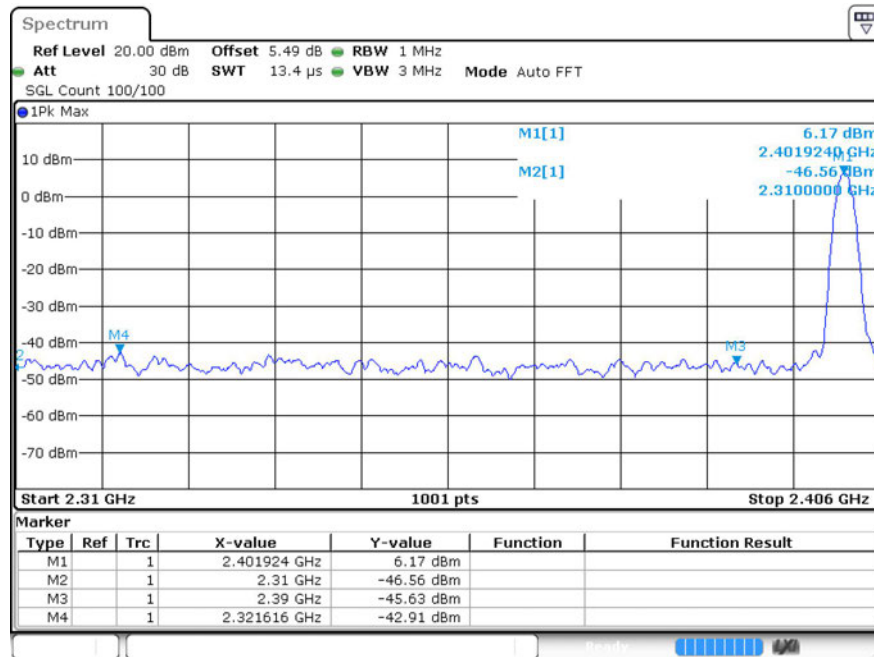
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



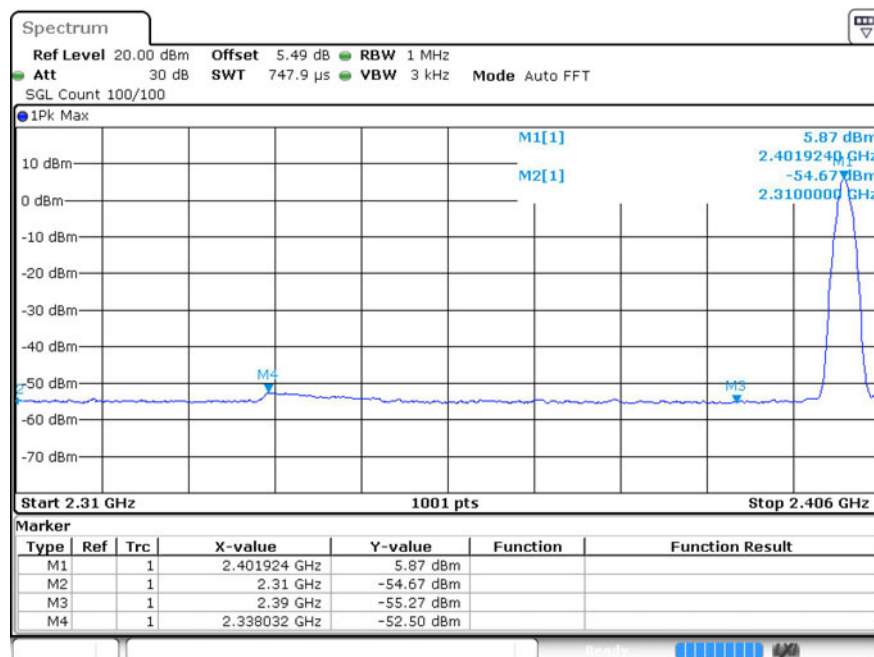
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



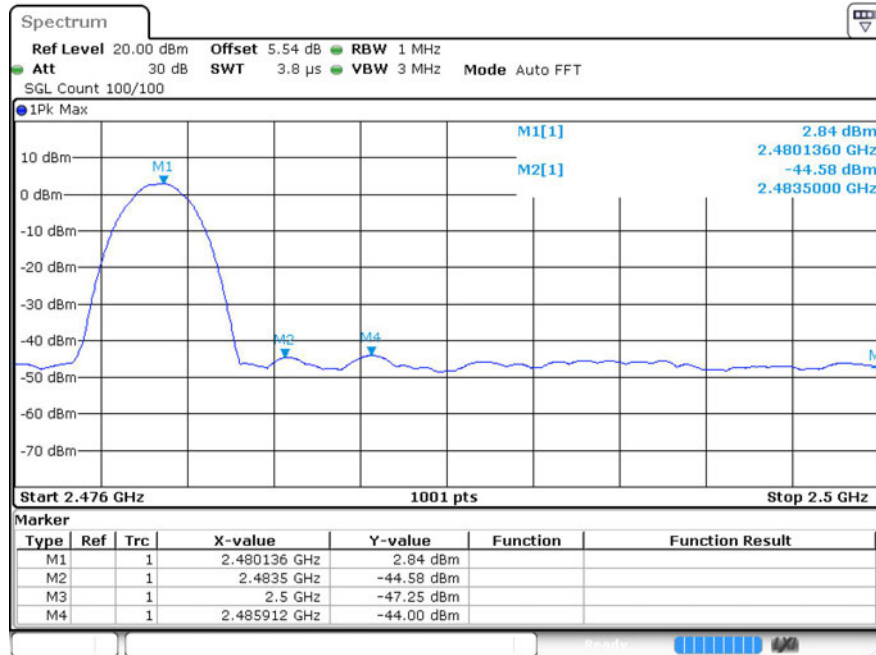
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



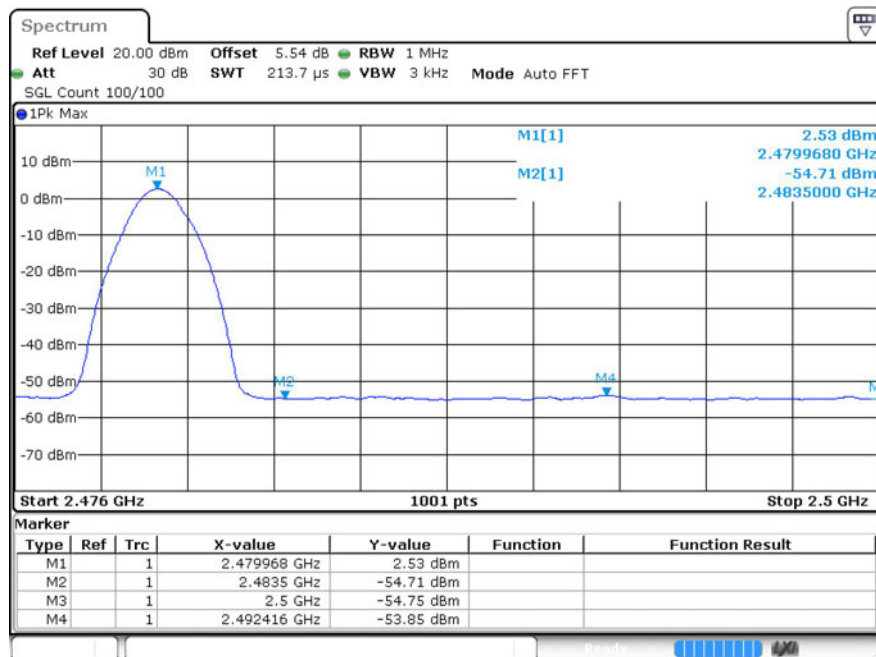
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



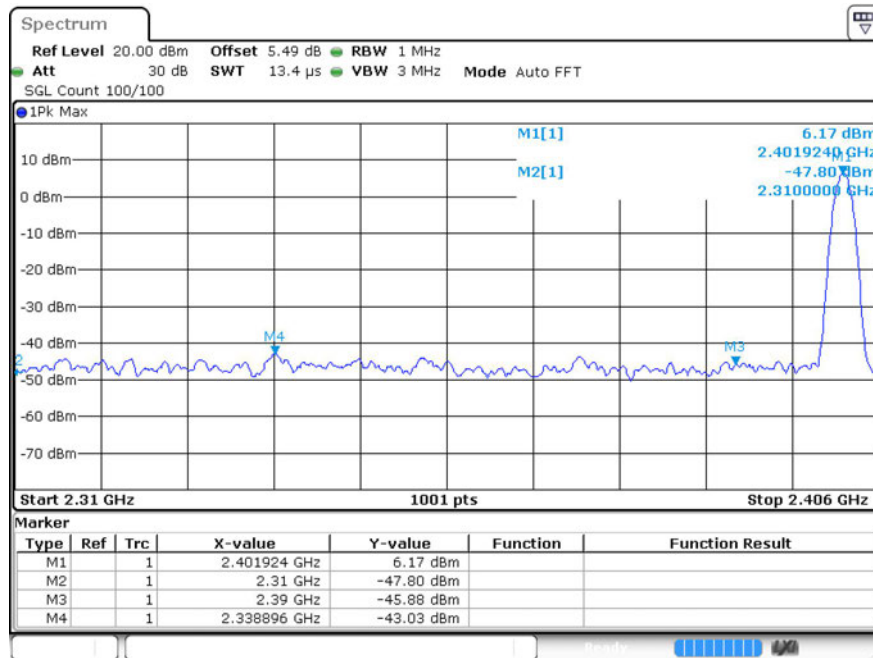
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



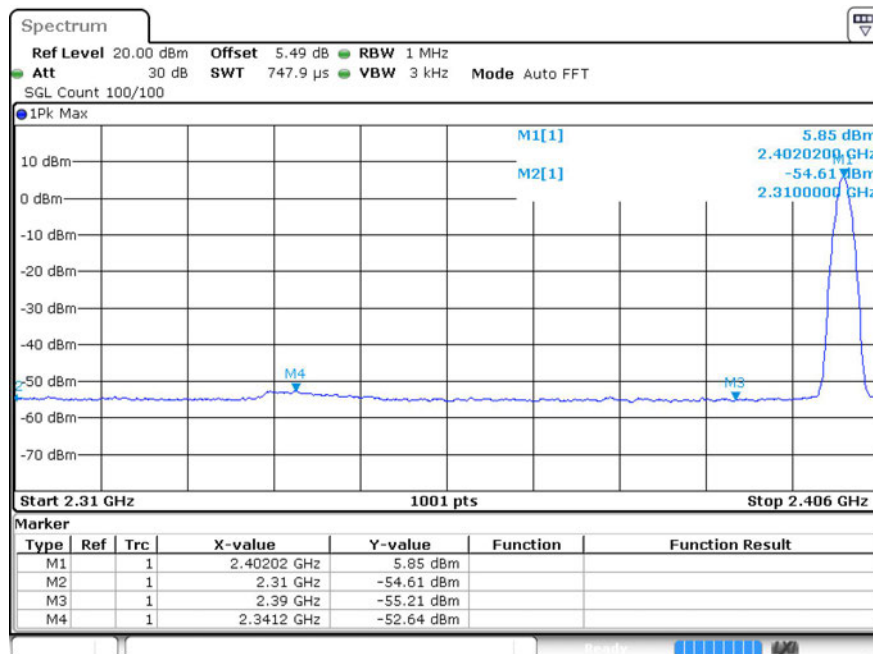
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



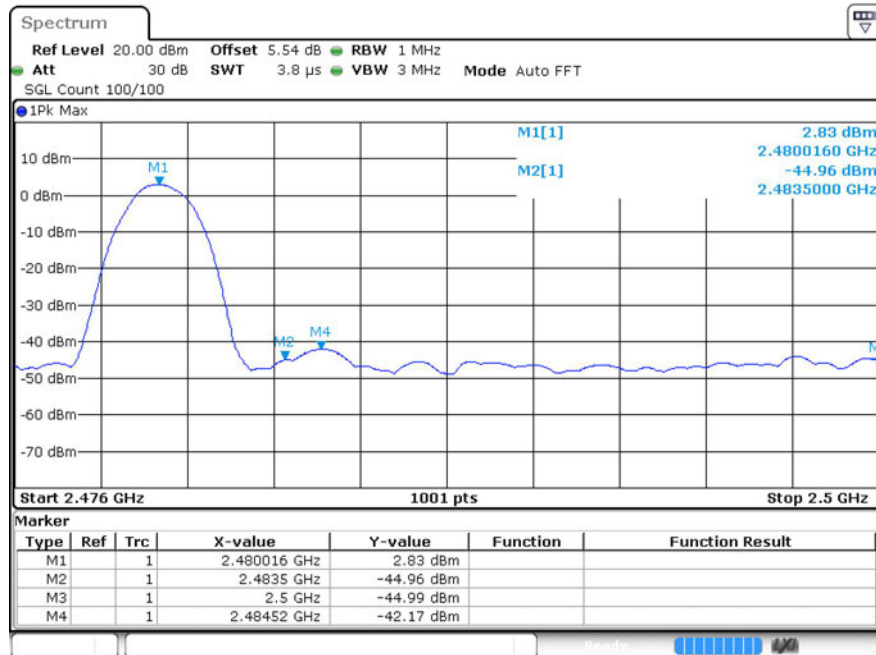
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



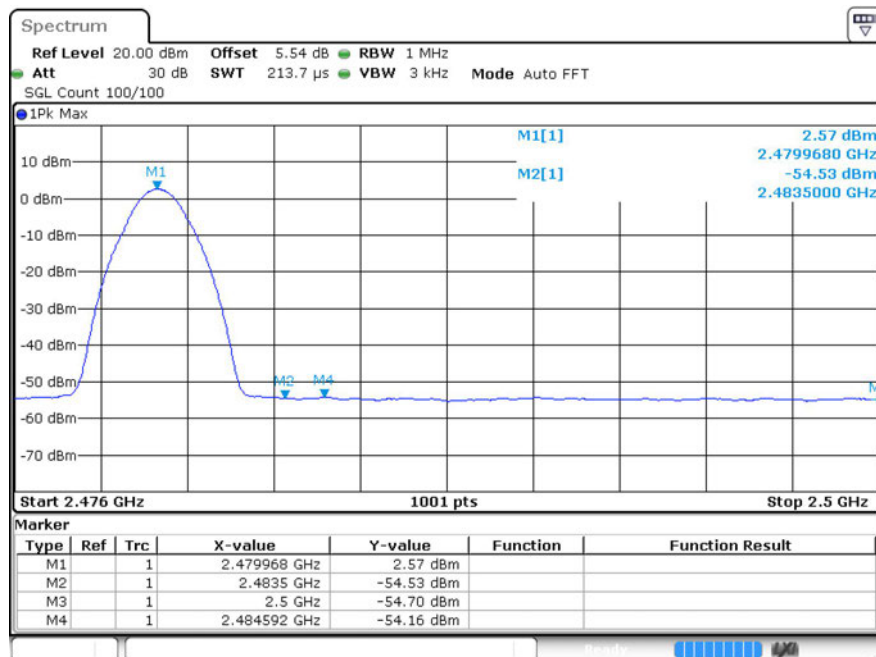
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---