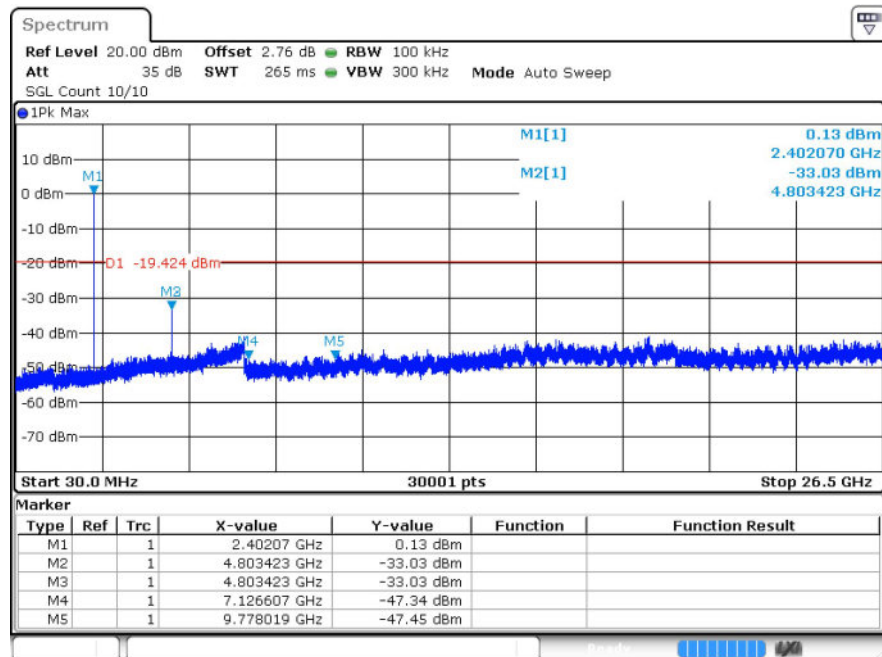


$\pi/4$ DQPSK_LCH_Graphs

Pref

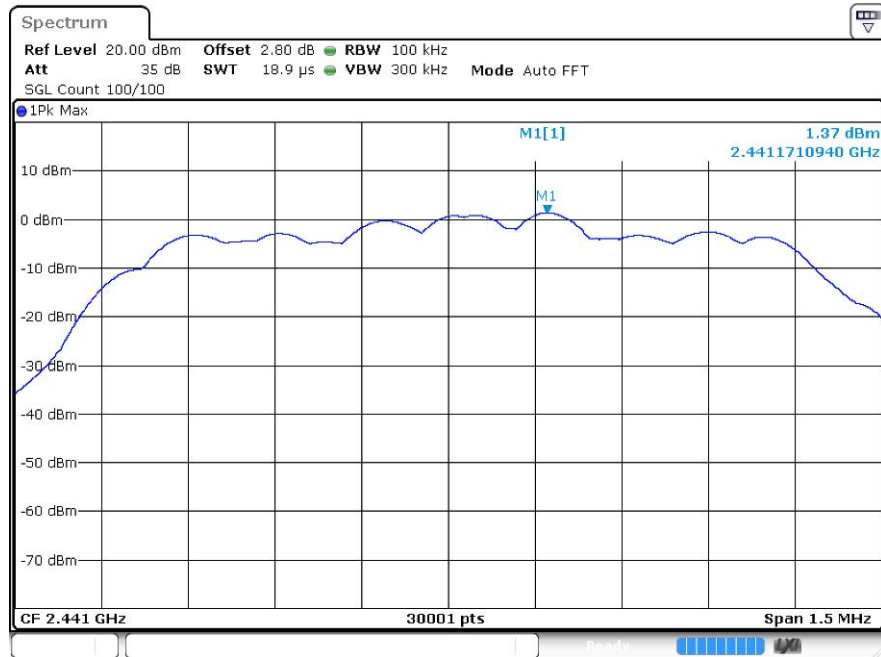


Puw

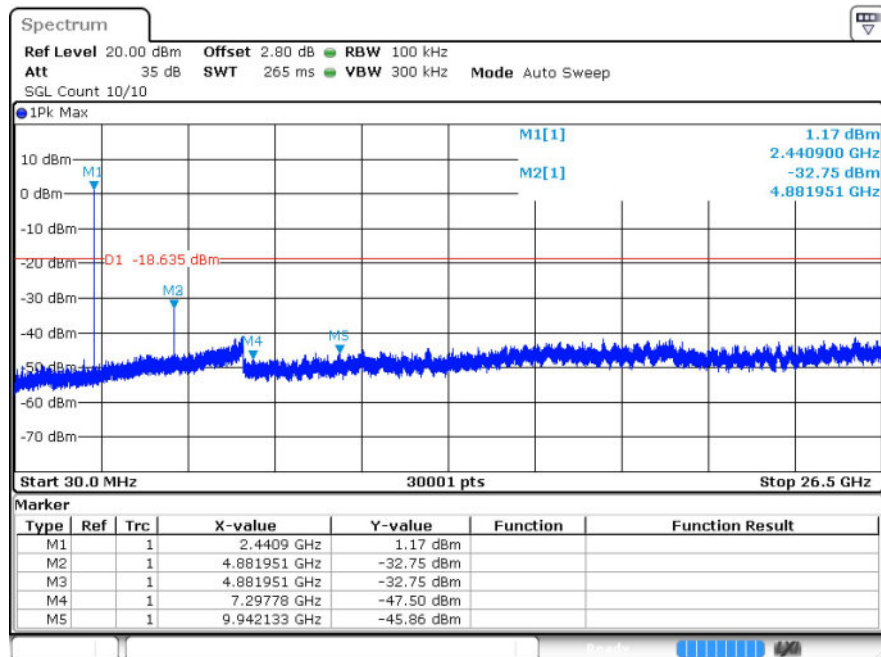


$\pi/4$ DQPSK_MCH_Graphs

Pref

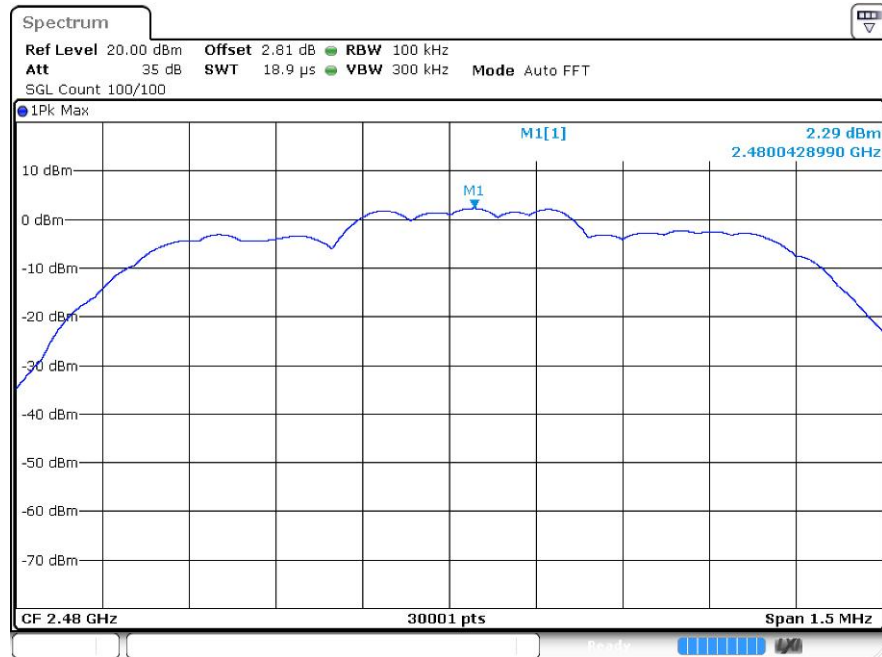


Puw

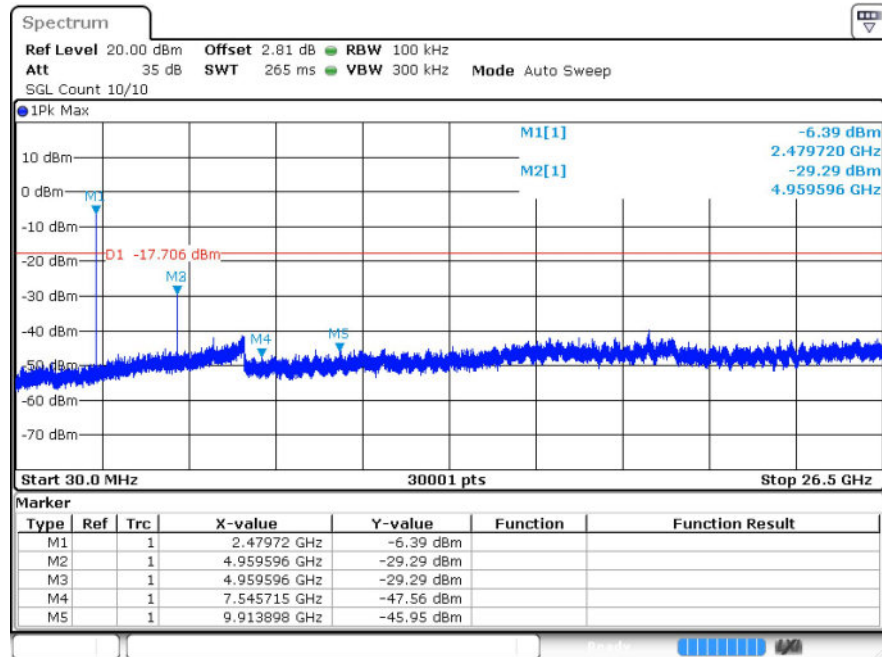


$\pi/4$ DQPSK_HCH_Graphs

Pref

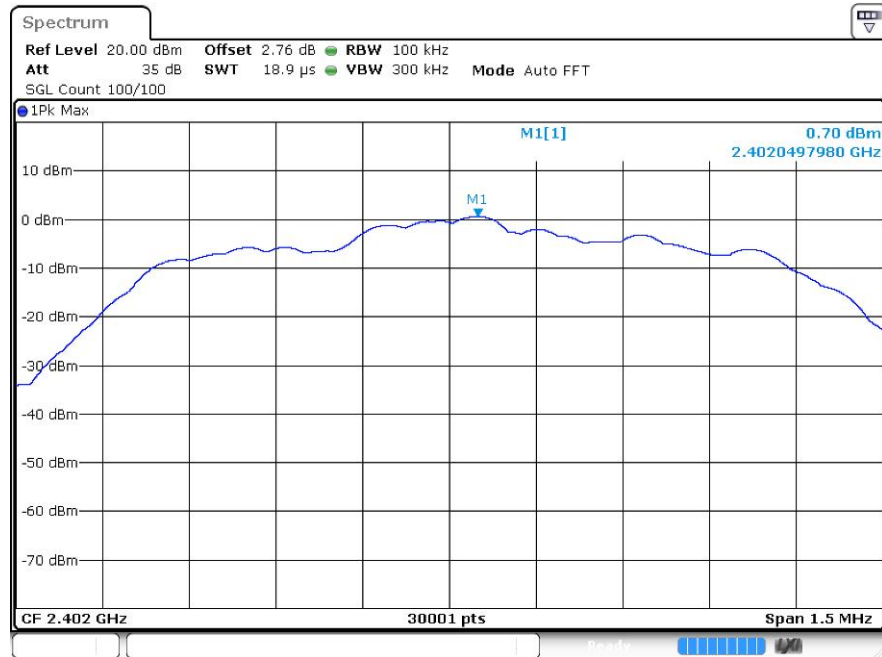


Puw

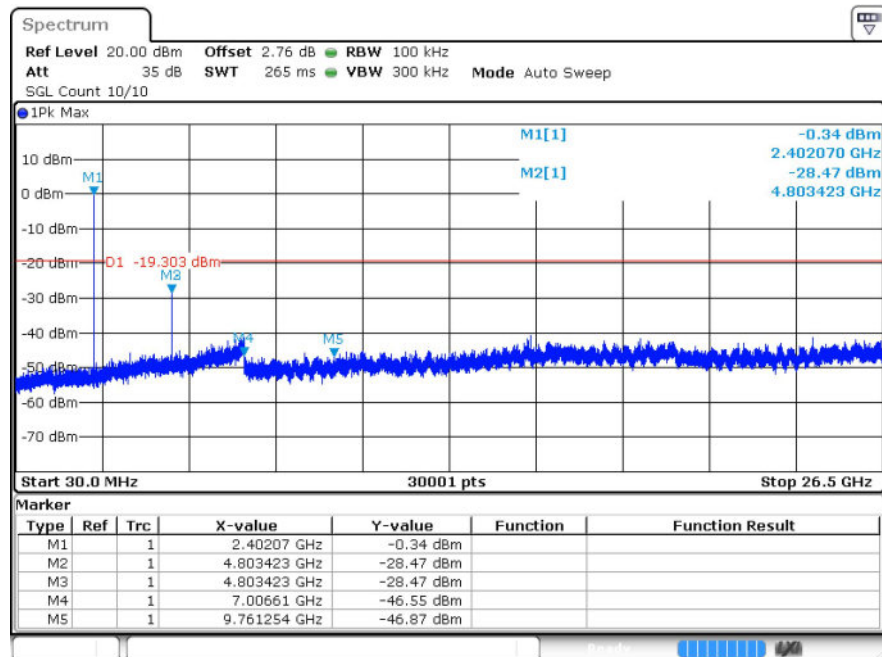


8DPSK_LCH_Graphs

Pref

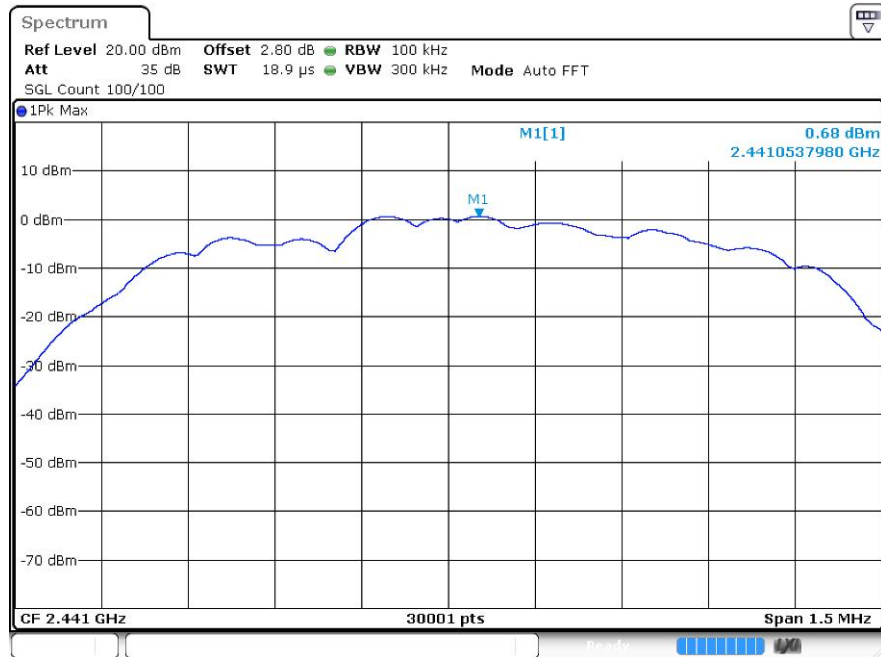


Puw

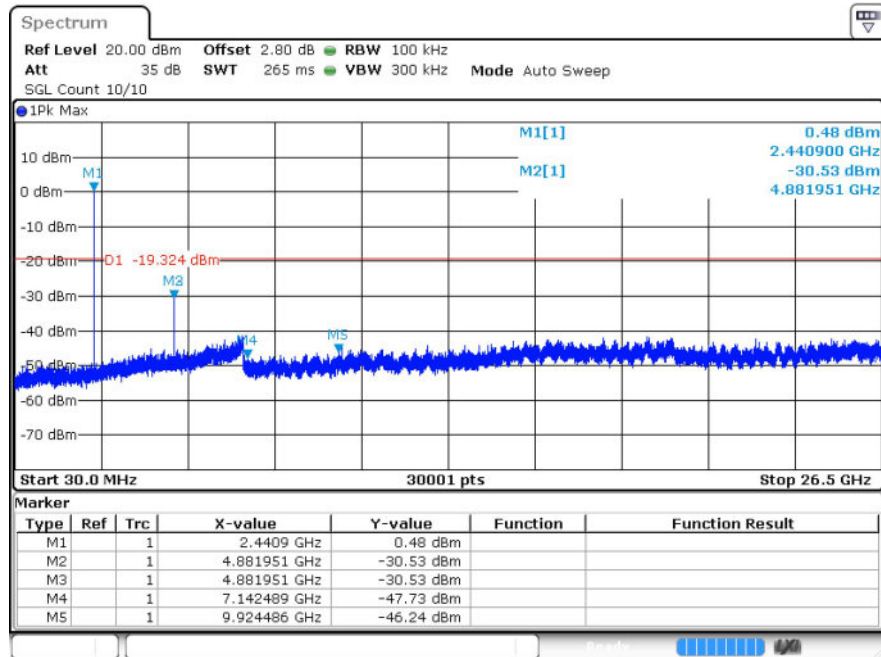


8DPSK_MCH_Graphs

Pref

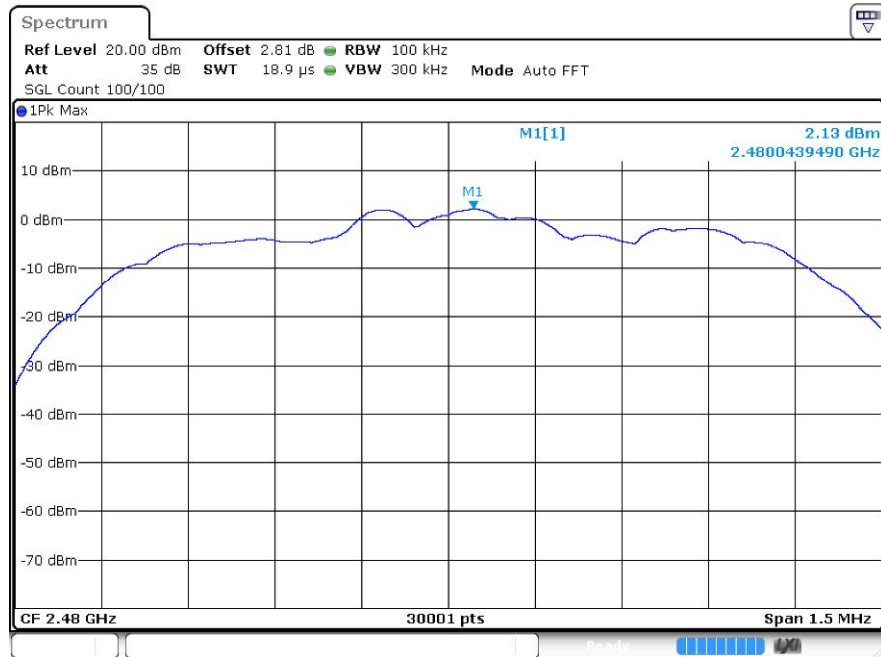


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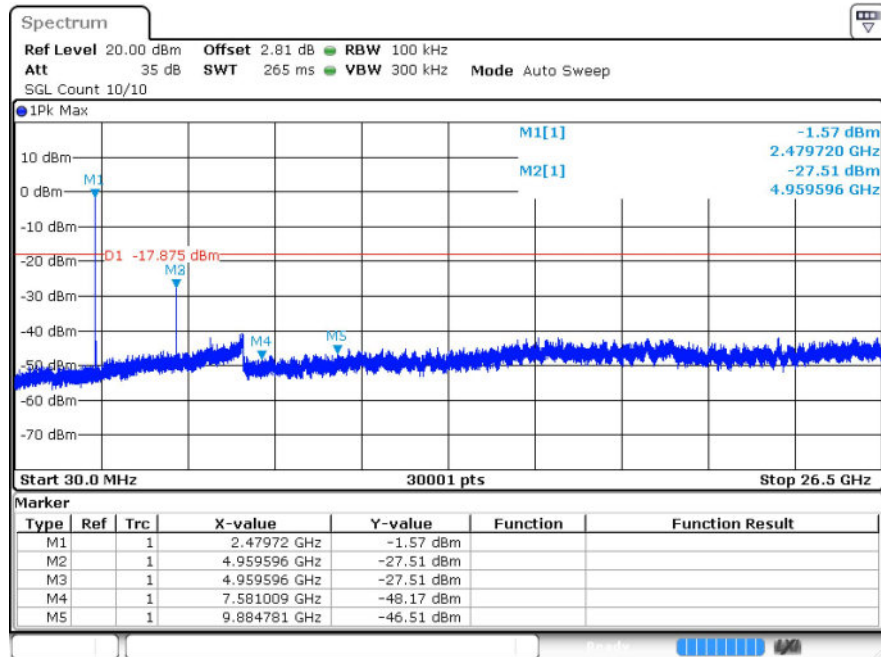


8DPSK_HCH_Graphs

Pref



Puw

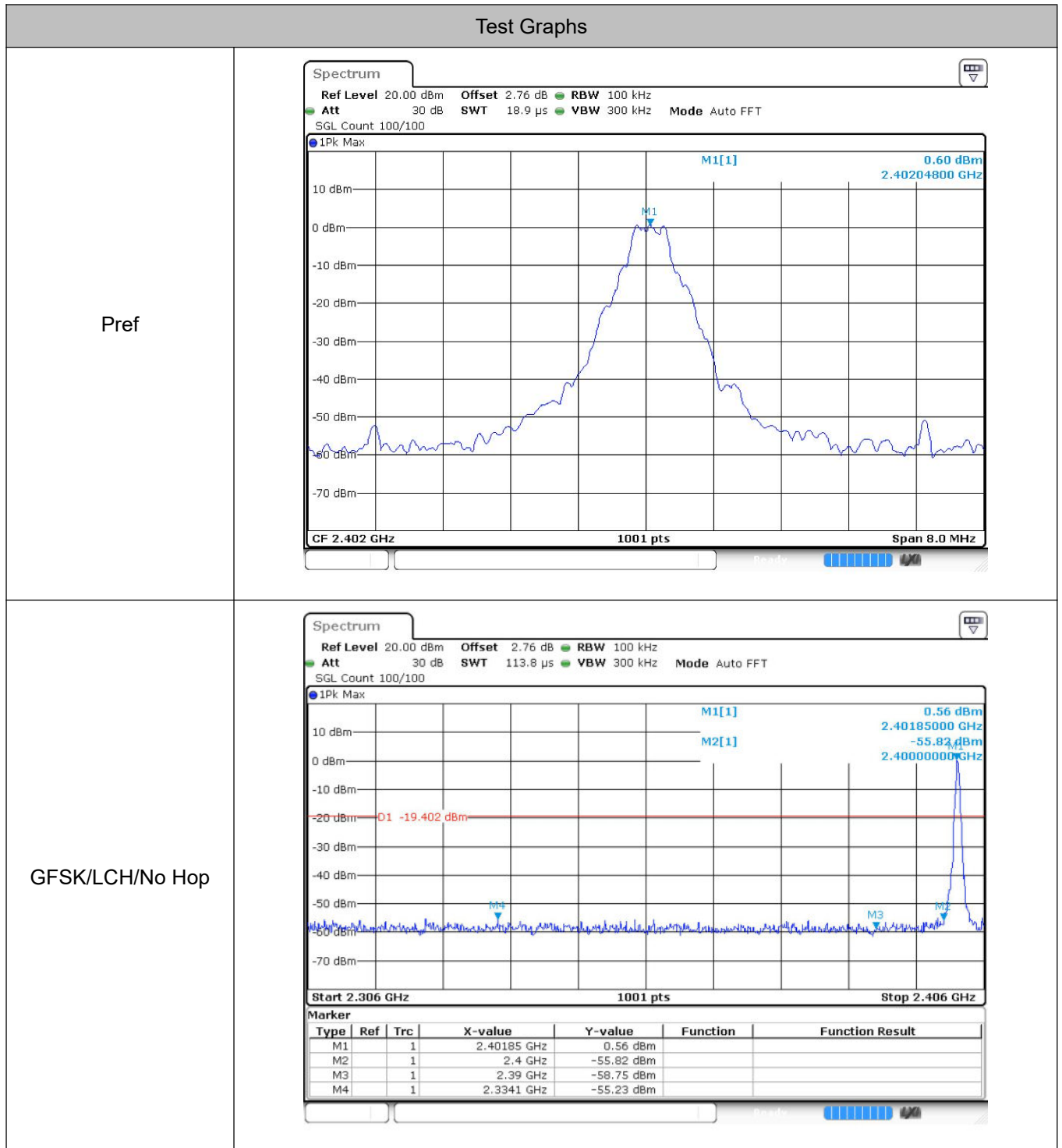


8 Band-edge for RF Conducted Emissions

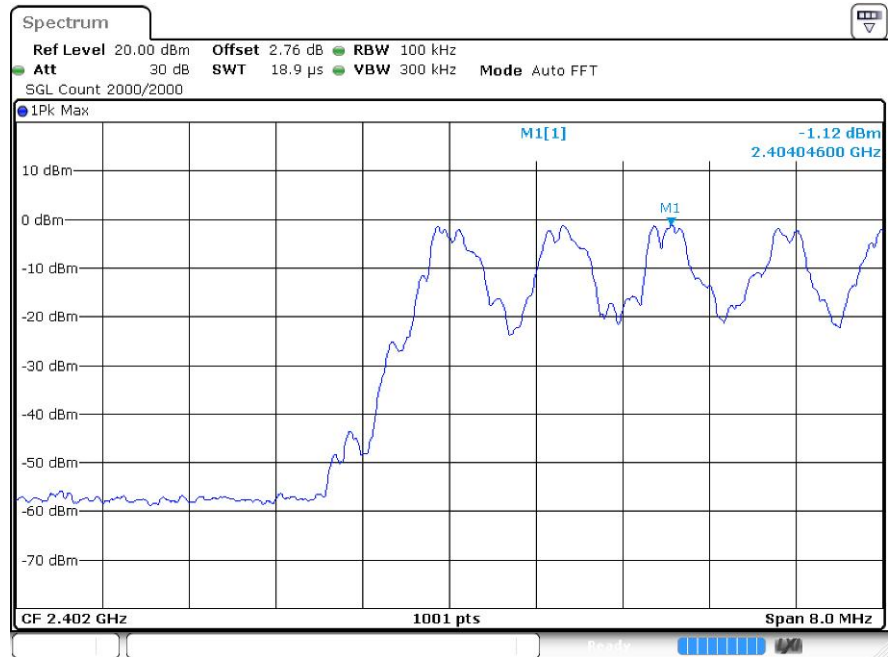
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-55.82	-20	Pass
			On	-53.7	-20	Pass
	HCH	2480	Off	-57.61	-20	Pass
			On	-54.99	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-56.57	-20	Pass
			On	-52.8	-20	Pass
	HCH	2480	Off	-57.81	-20	Pass
			On	-55.14	-20	Pass
8DPSK	LCH	2402	Off	-55.46	-20	Pass
			On	-53.2	-20	Pass
	HCH	2480	Off	-56.76	-20	Pass
			On	-56.22	-20	Pass

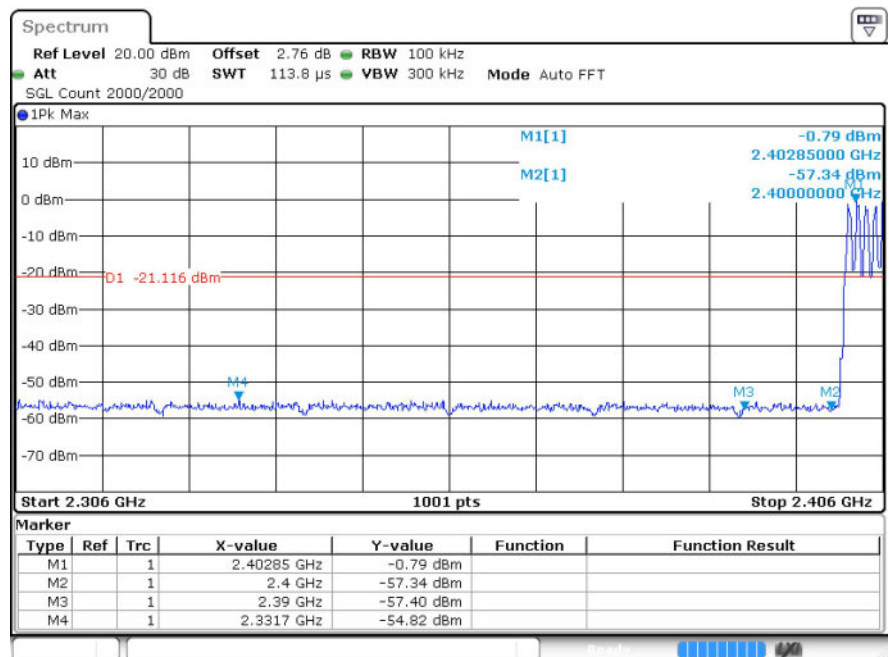
8.2 Test Graphs



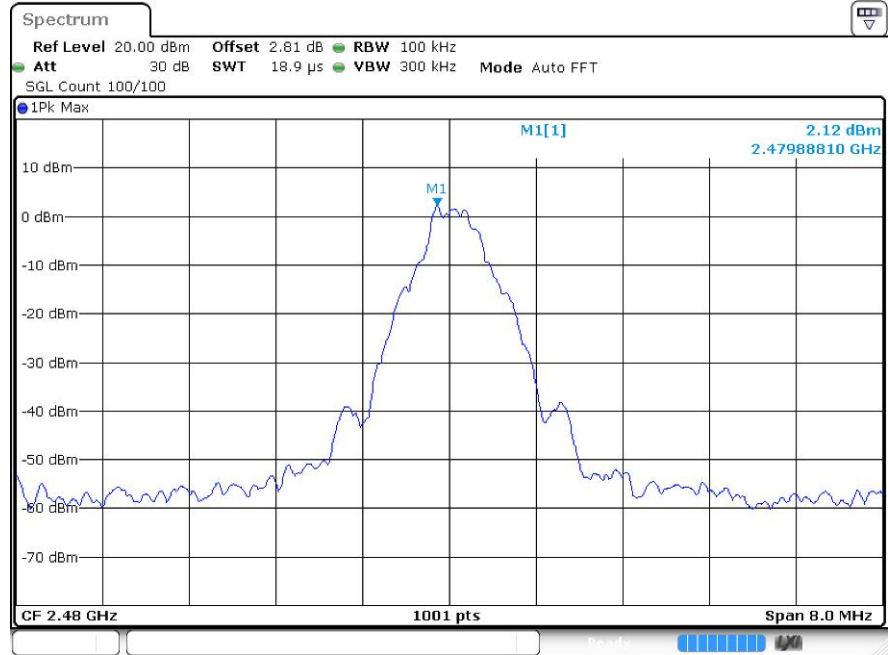
Ref



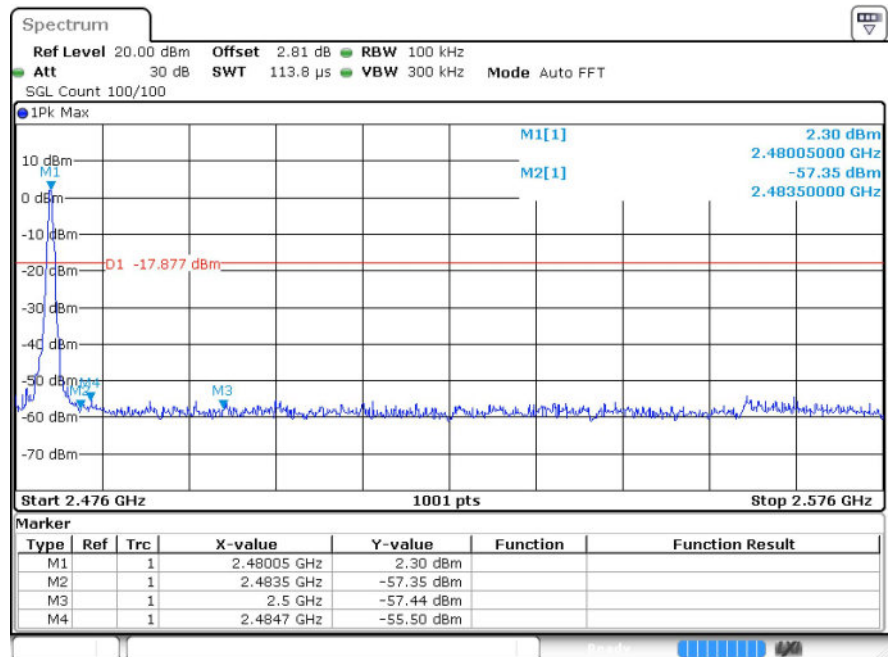
GFSK/LCH/Hop



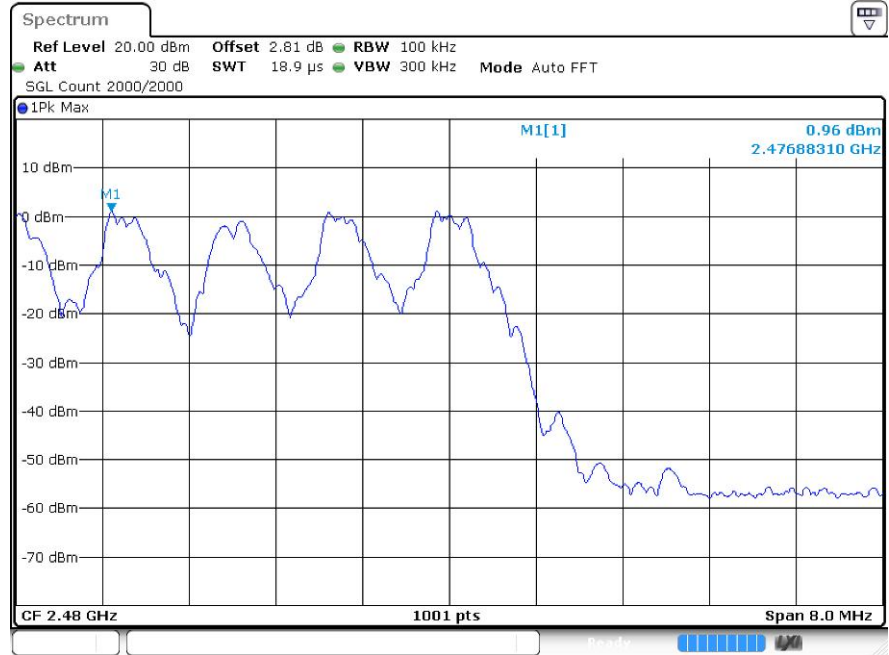
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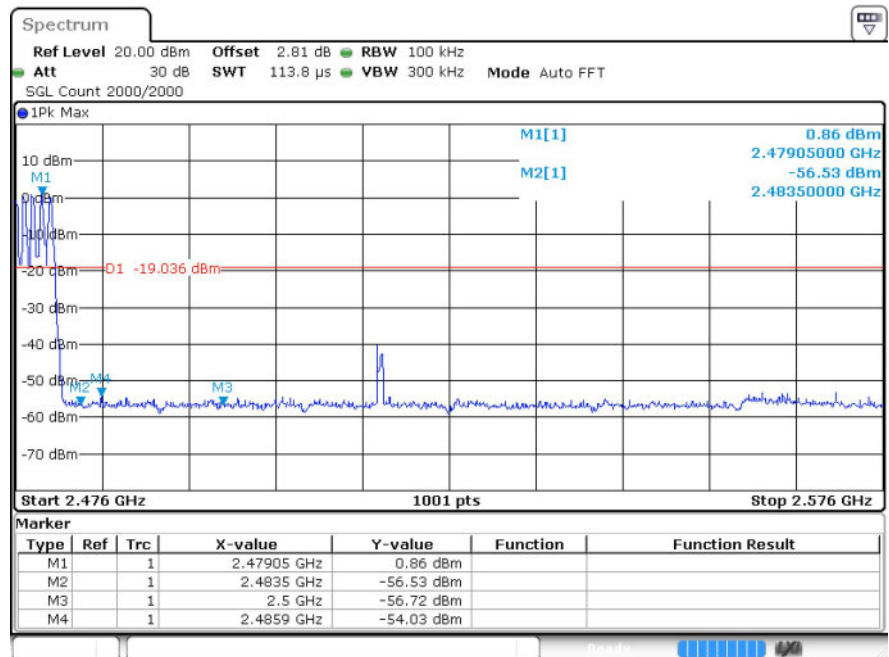
GFSK/HCH/No Hop



Ref.



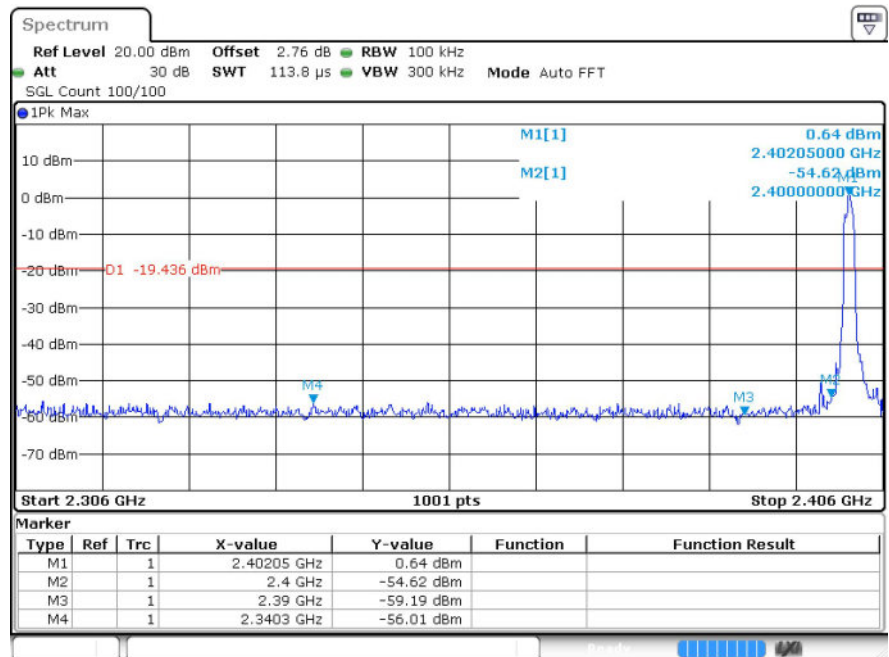
GFSK/HCH/Hop



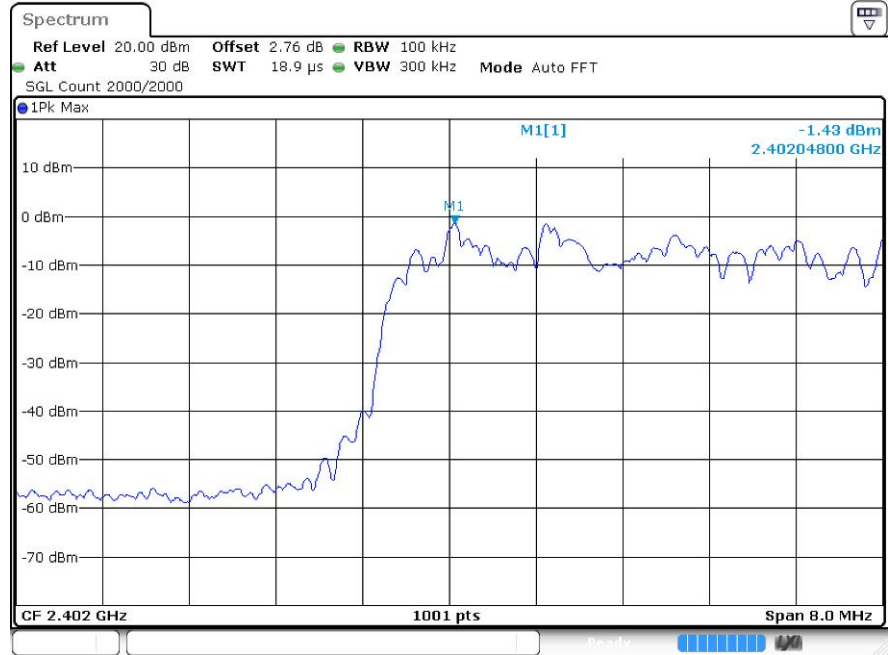
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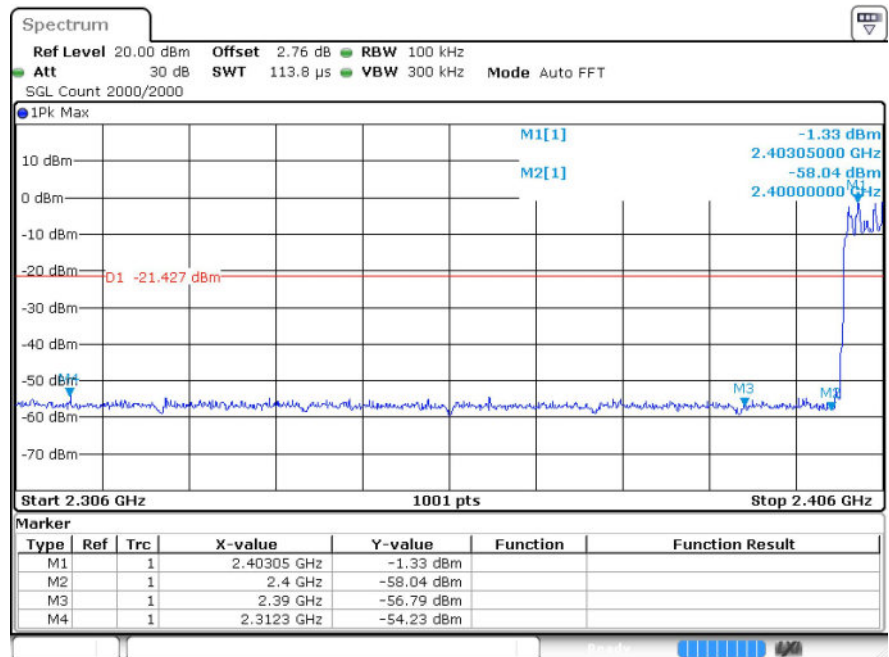
$\pi/4$ DQPSK/LCH/No
Hop



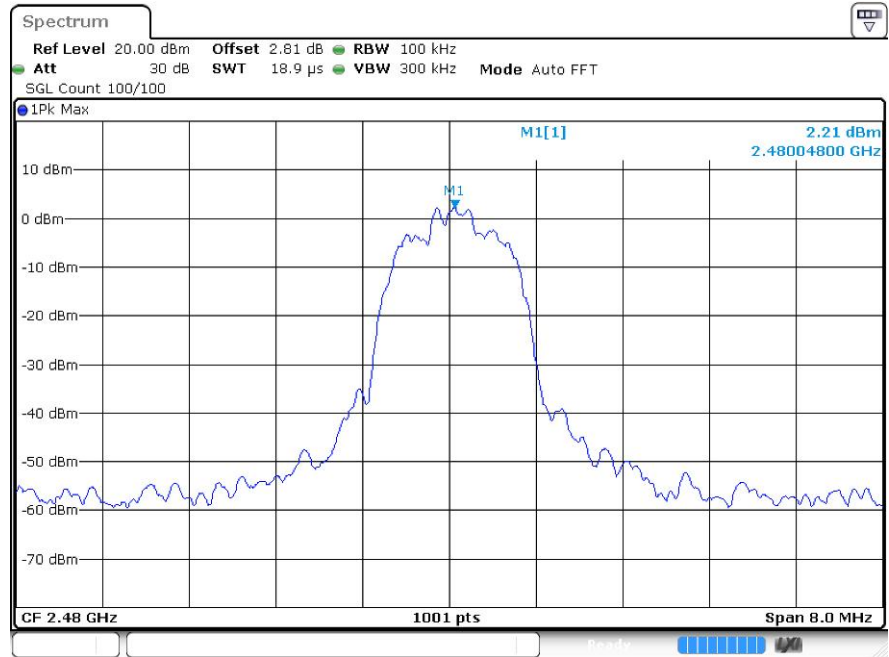
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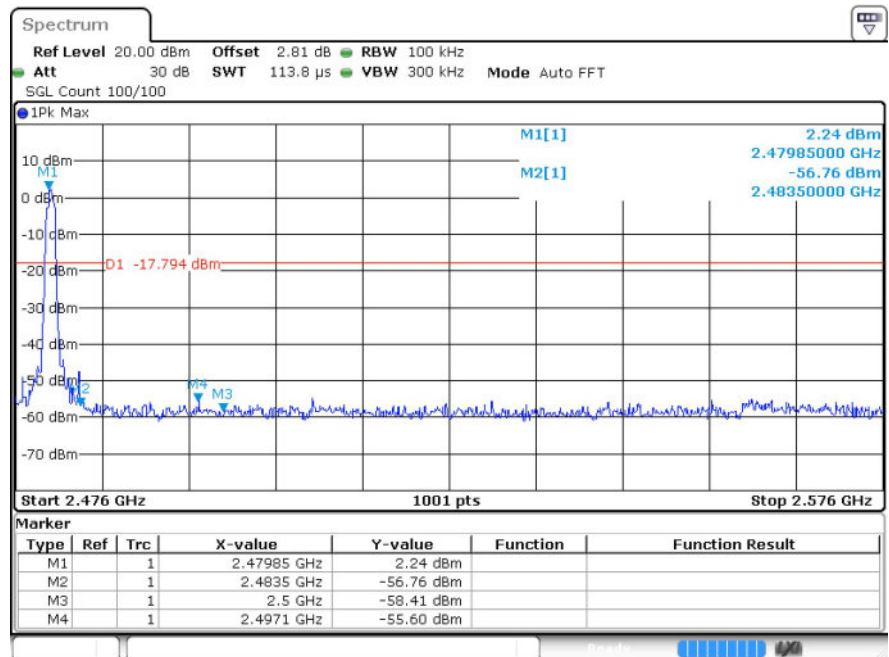
$\pi/4$ DQPSK/LCH/Hop



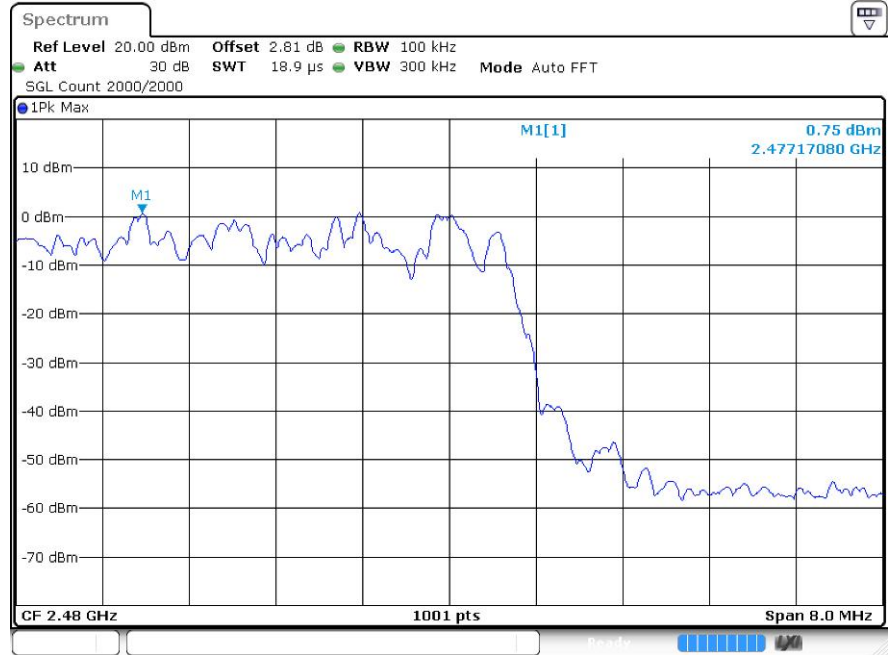
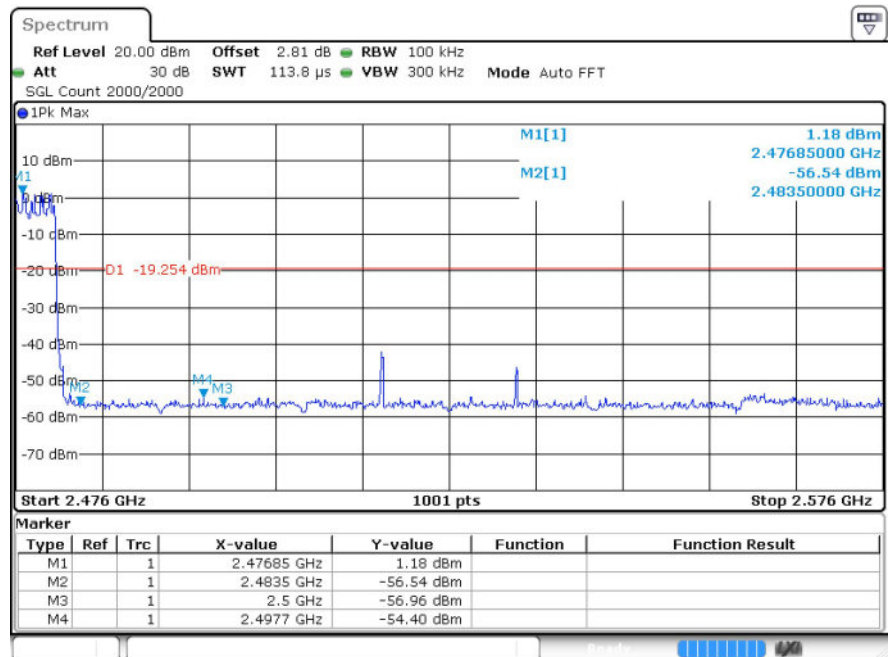
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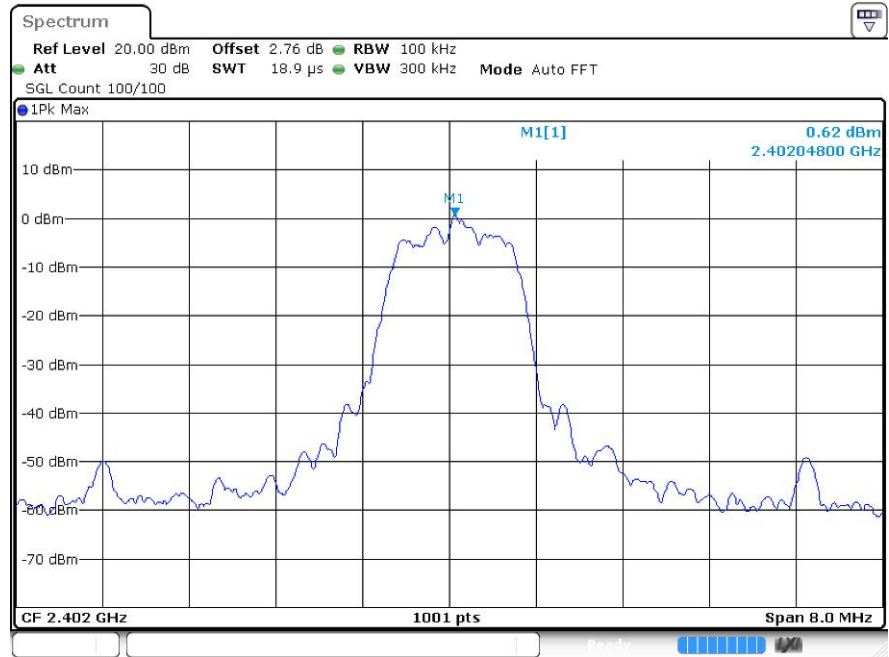
$\pi/4$ DQPSK/HCH/No
Hop



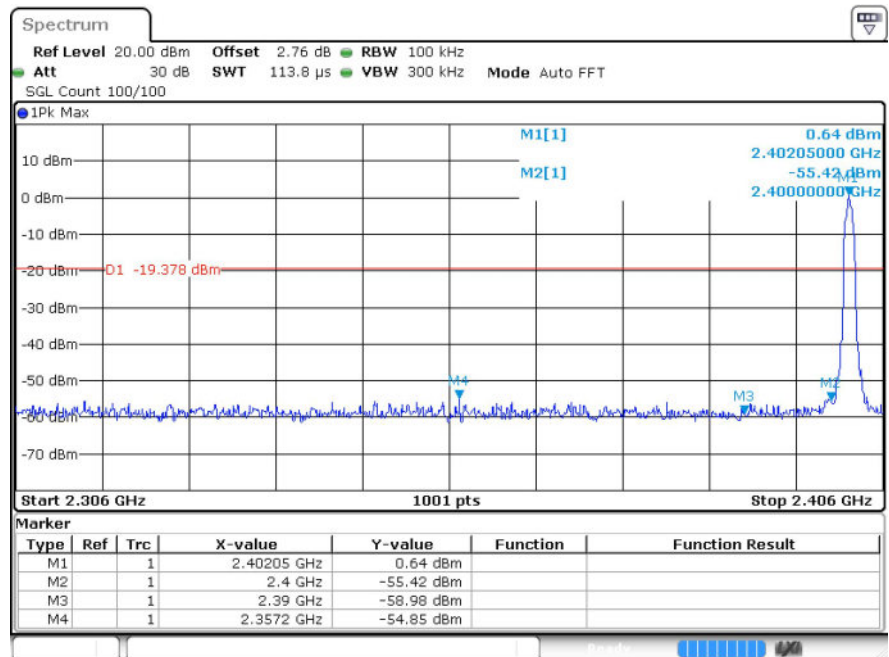
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 $\pi/4$ DQPSK/HCH/Hop


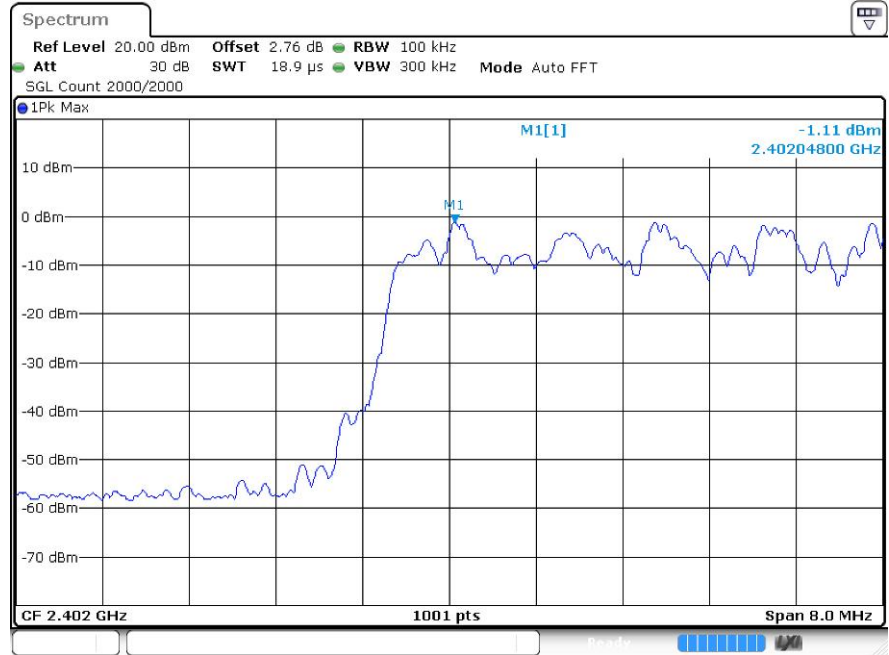
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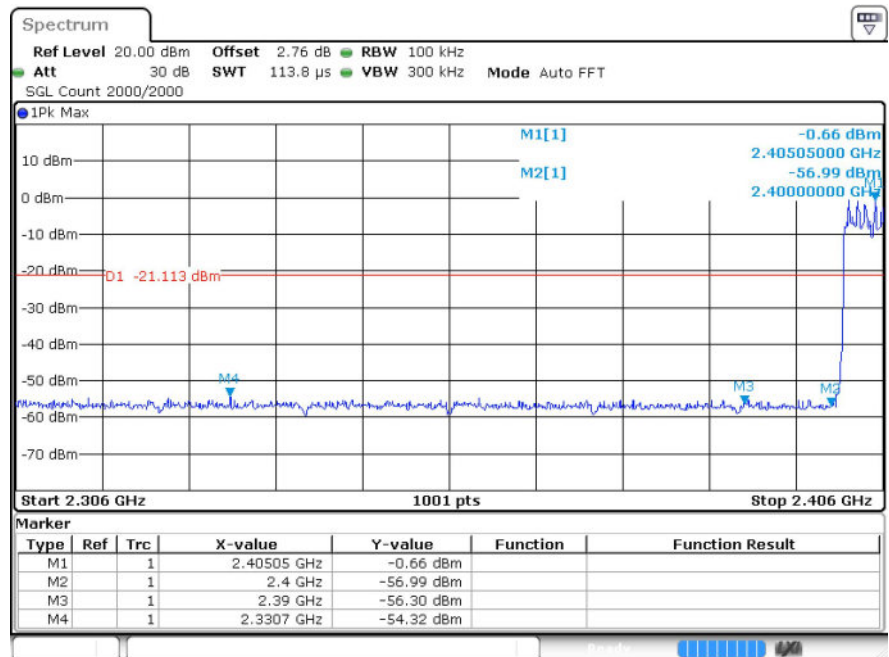
8DPSK/LCH/No Hop



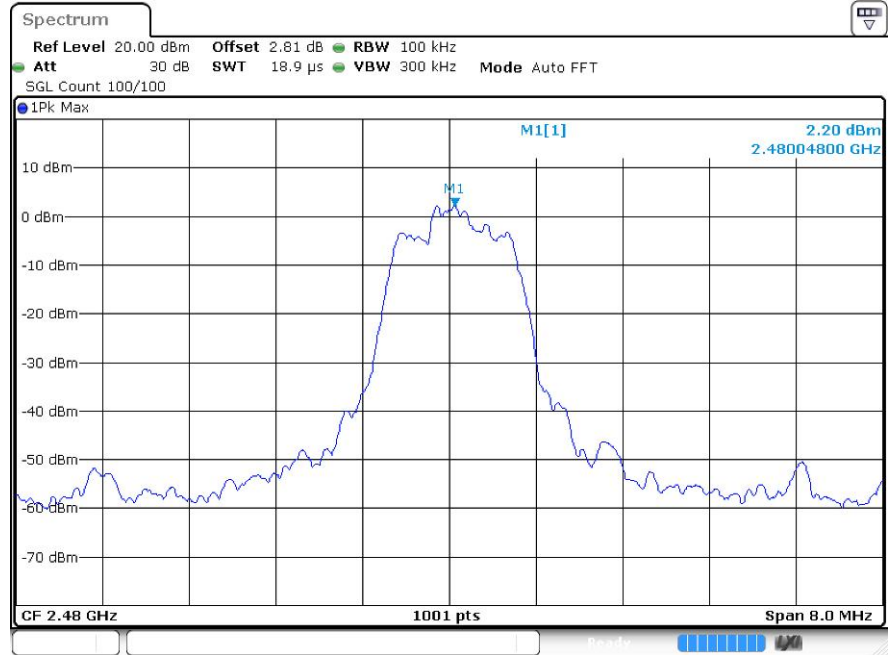
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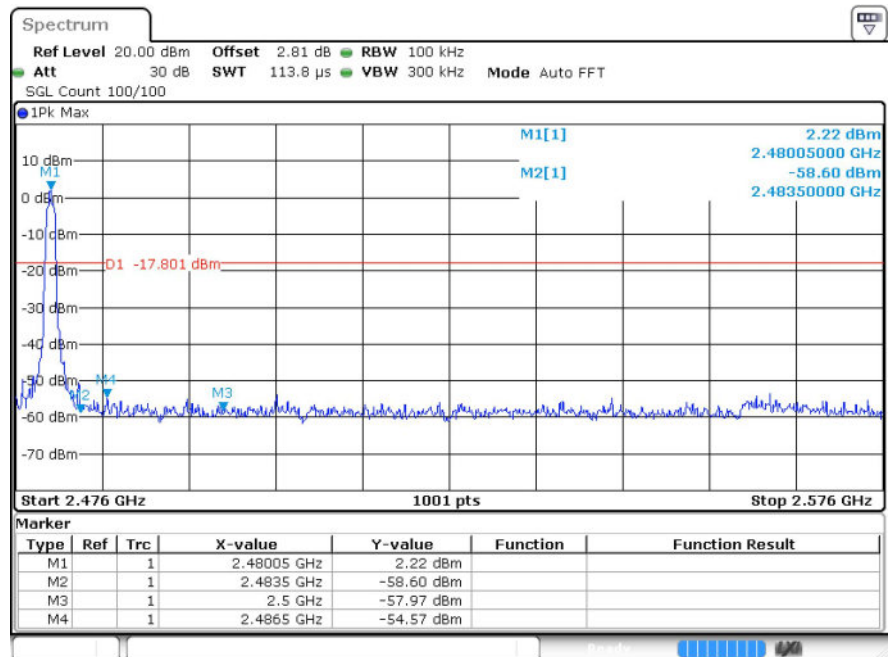
8DPSK/LCH/Hop



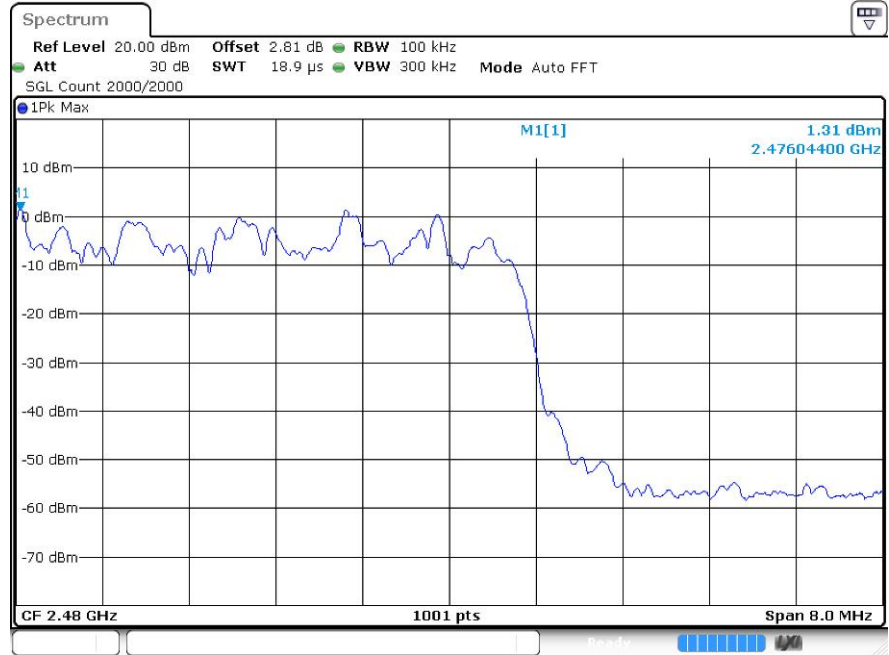
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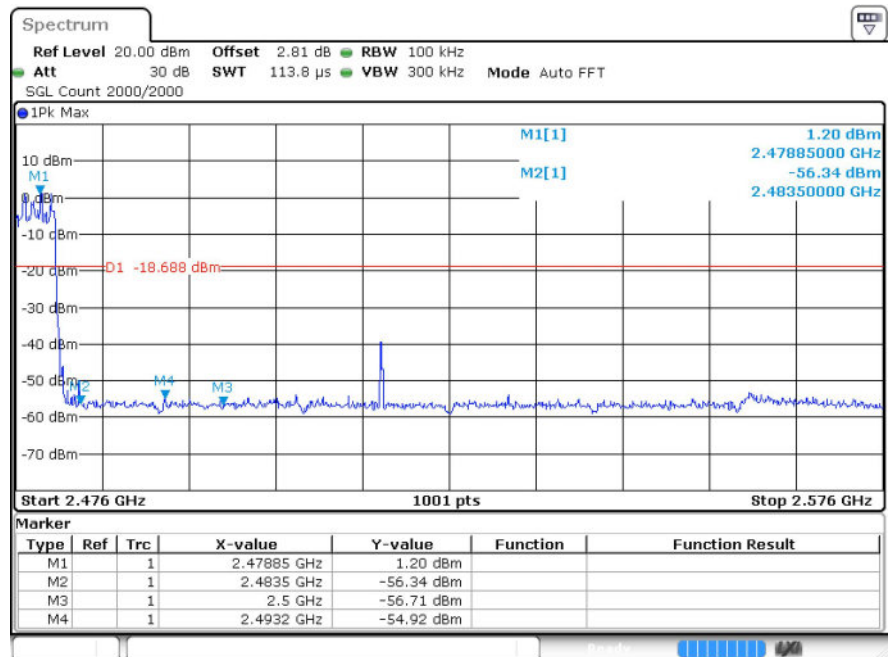
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

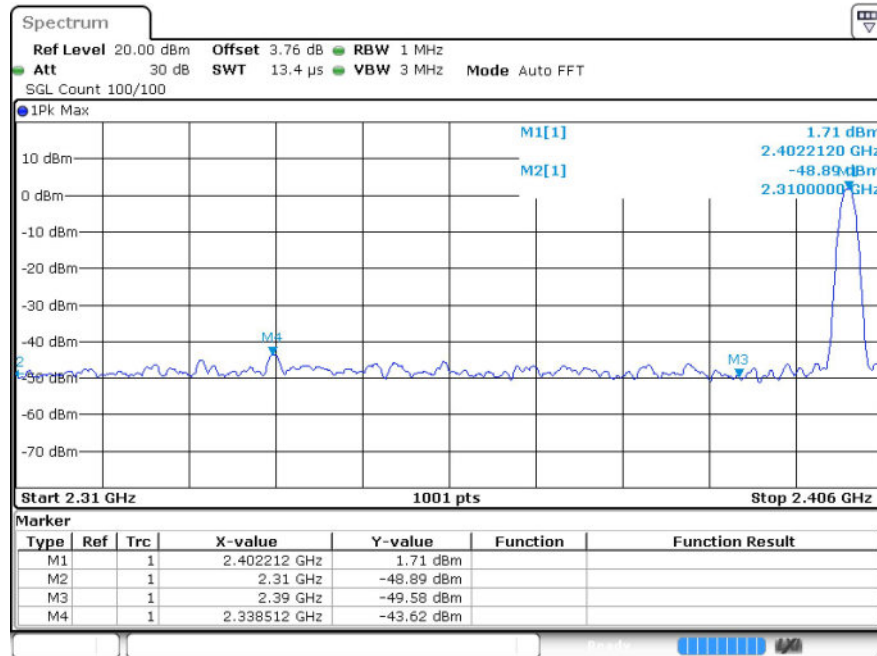
Test Mode	Hopping	Freq.	Power [dBm]	Gain	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-48.88	2	48.38	PEAK	74	Pass
	Off	2310.0	-56.57	2	40.69	AV	54	Pass
	Off	2338.512	-43.62	2	53.64	PEAK	74	Pass
	Off	2339.184	-54.27	2	42.99	AV	54	Pass
	Off	2390.0	-49.57	2	47.69	PEAK	74	Pass
	Off	2390.0	-56.95	2	40.31	AV	54	Pass
	Off	2483.5	-48.05	2	49.21	PEAK	74	Pass
	Off	2483.5	-53.76	2	43.5	AV	54	Pass
	Off	2485.888	-45.24	2	52.02	PEAK	74	Pass
	Off	2483.512	-53.76	2	43.5	AV	54	Pass
	Off	2500.0	-48.34	2	48.92	PEAK	74	Pass
	Off	2500.0	-56.51	2	40.75	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-48	2	49.26	PEAK	74	Pass
	Off	2310.0	-56.21	2	41.05	AV	54	Pass
	Off	2339.856	-44.44	2	52.82	PEAK	74	Pass
	Off	2340.336	-54.26	2	43	AV	54	Pass
	Off	2390.0	-47.65	2	49.61	PEAK	74	Pass
	Off	2390.0	-56.58	2	40.68	AV	54	Pass
	Off	2483.5	-40.33	2	56.93	PEAK	74	Pass
	Off	2483.5	-54.19	2	43.07	AV	54	Pass
	Off	2483.512	-40.33	2	56.93	PEAK	74	Pass
	Off	2483.512	-54.19	2	43.07	AV	54	Pass
	Off	2500.0	-48.83	2	48.43	PEAK	74	Pass
	Off	2500.0	-56.59	2	40.67	AV	54	Pass
8DPSK	Off	2310.0	-47.35	2	49.91	PEAK	74	Pass
	Off	2310.0	-56.66	2	40.6	AV	54	Pass
	Off	2339.184	-44.19	2	53.07	PEAK	74	Pass
	Off	2338.128	-54.23	2	43.03	AV	54	Pass



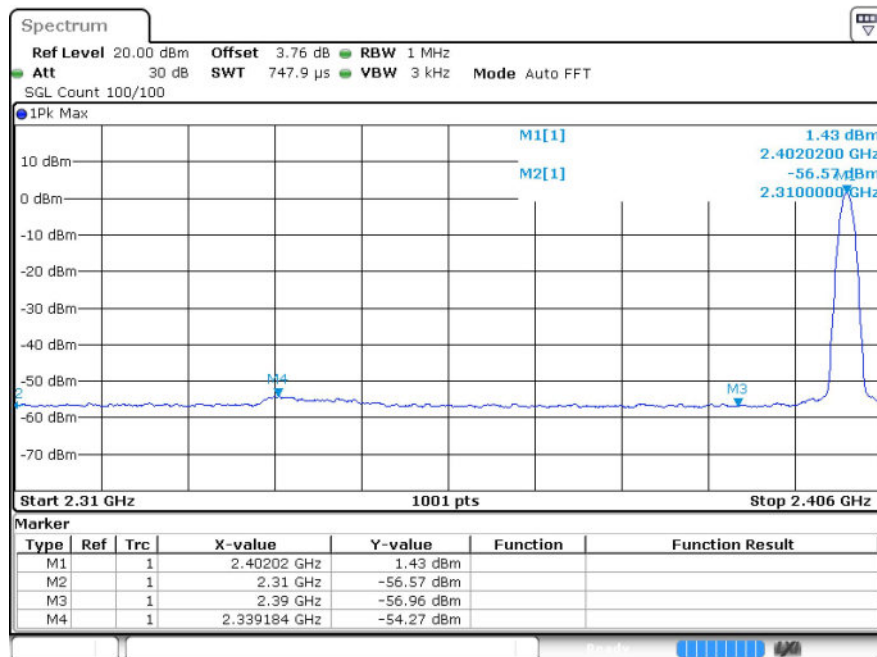
	Off	2390.0	-47.81	2	49.45	PEAK	74	Pass
	Off	2390.0	-56.62	2	40.64	AV	54	Pass
	Off	2483.5	-44.45	2	52.81	PEAK	74	Pass
	Off	2483.5	-54.61	2	42.65	AV	54	Pass
	Off	2483.512	-44.45	2	52.81	PEAK	74	Pass
	Off	2483.584	-54.57	2	42.69	AV	54	Pass
	Off	2500.0	-48.81	2	48.45	PEAK	74	Pass
	Off	2500.0	-56.28	2	40.98	AV	54	Pass

9.2 Test Graphs

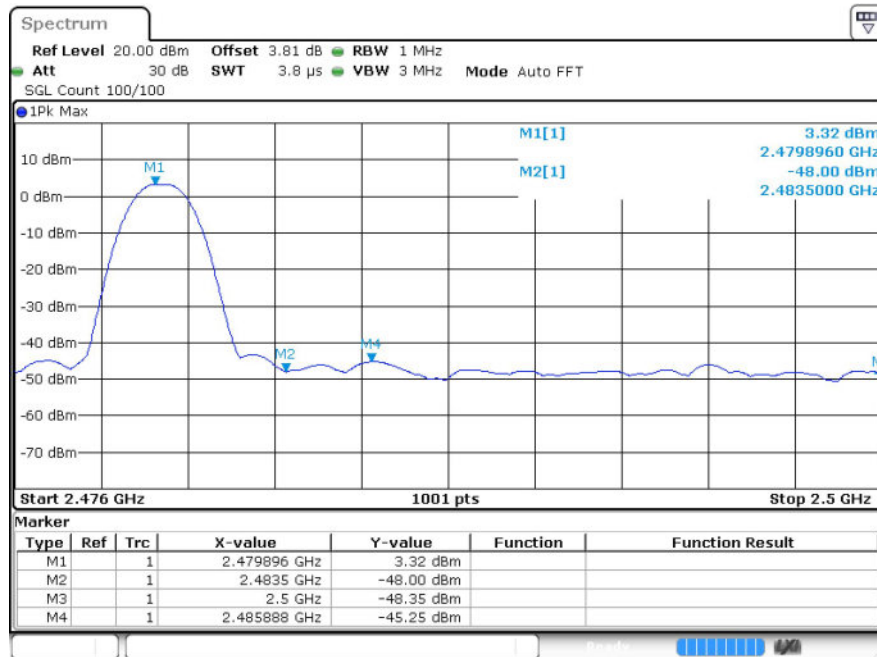
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



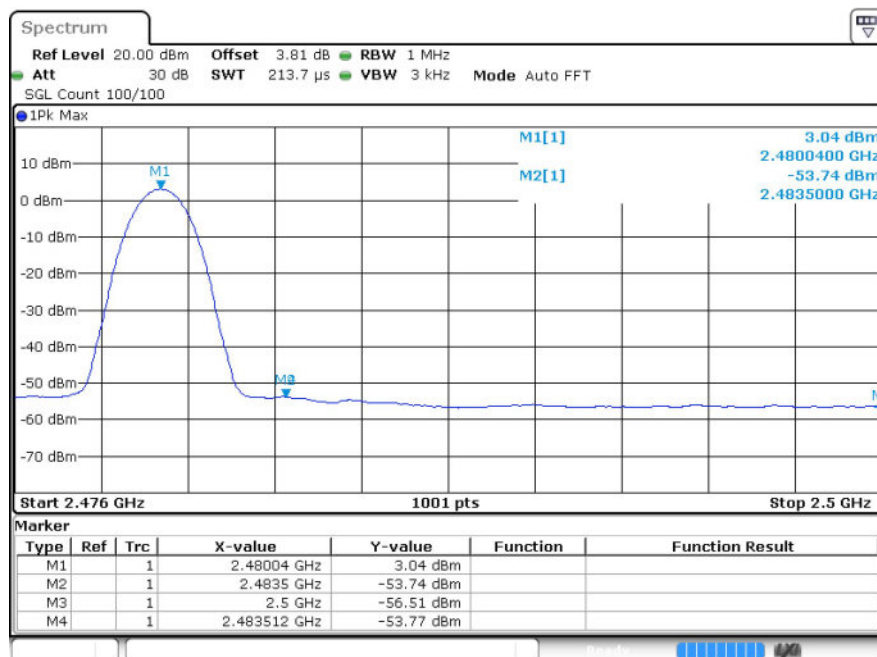
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



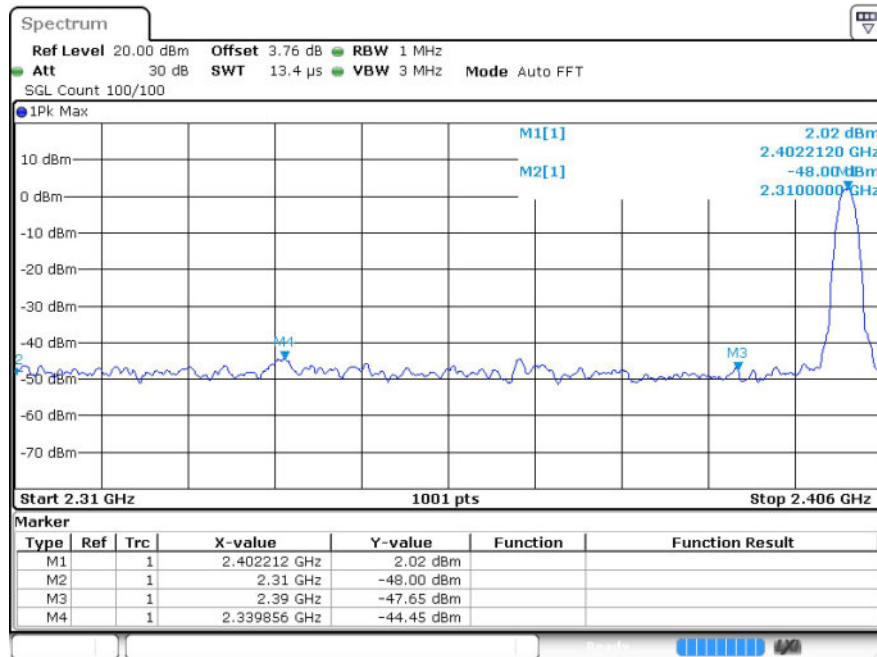
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



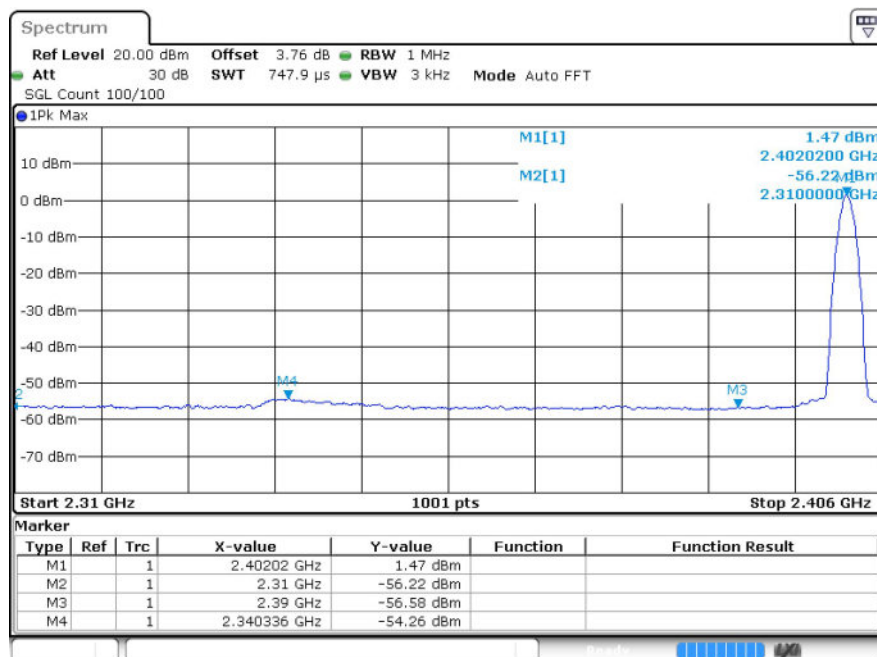
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



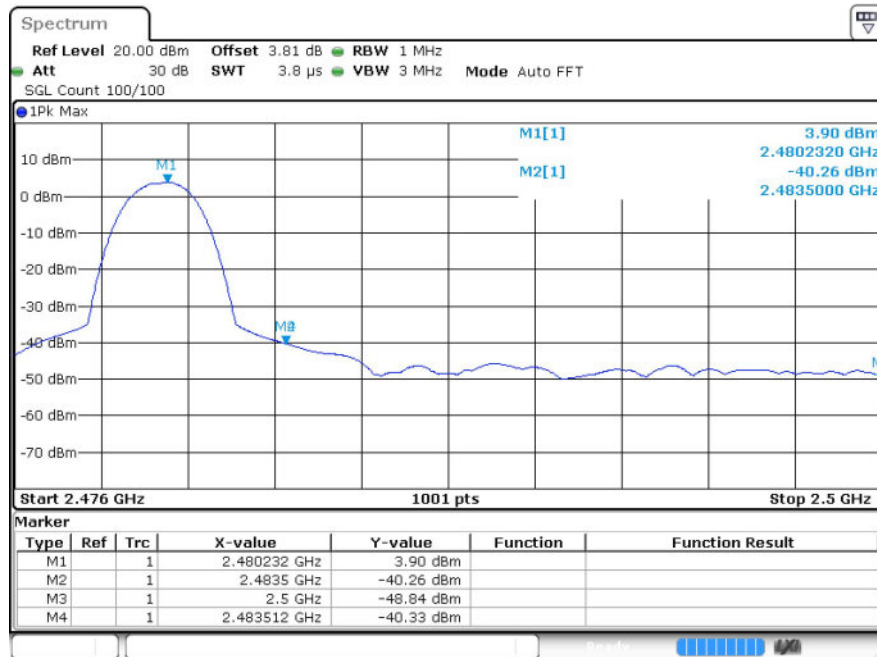
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



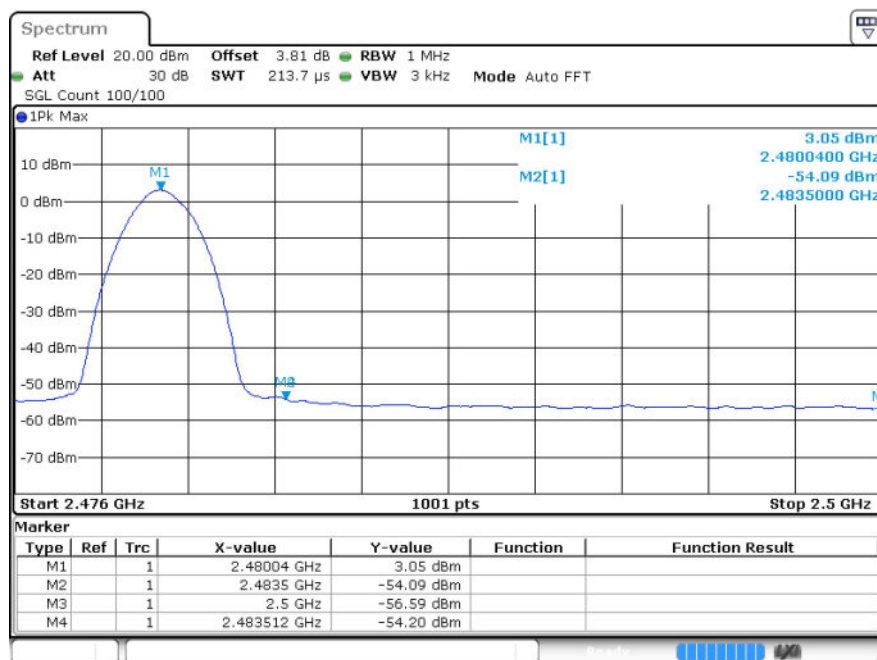
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



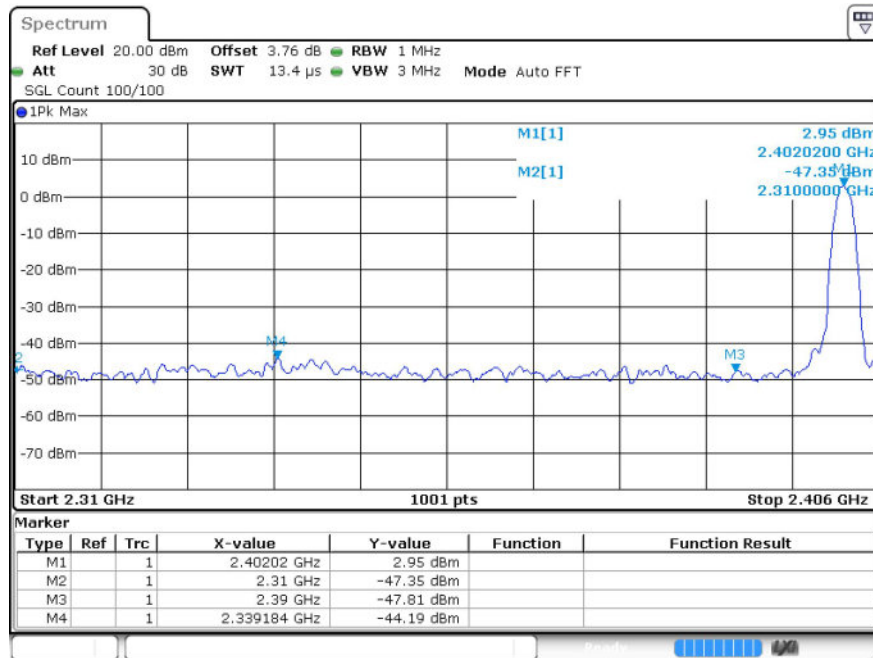
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



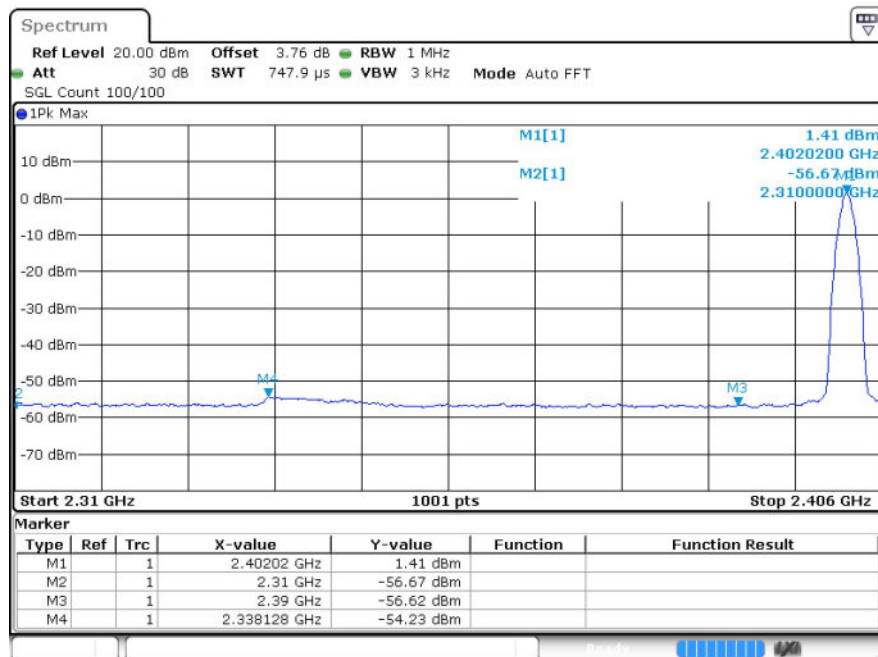
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



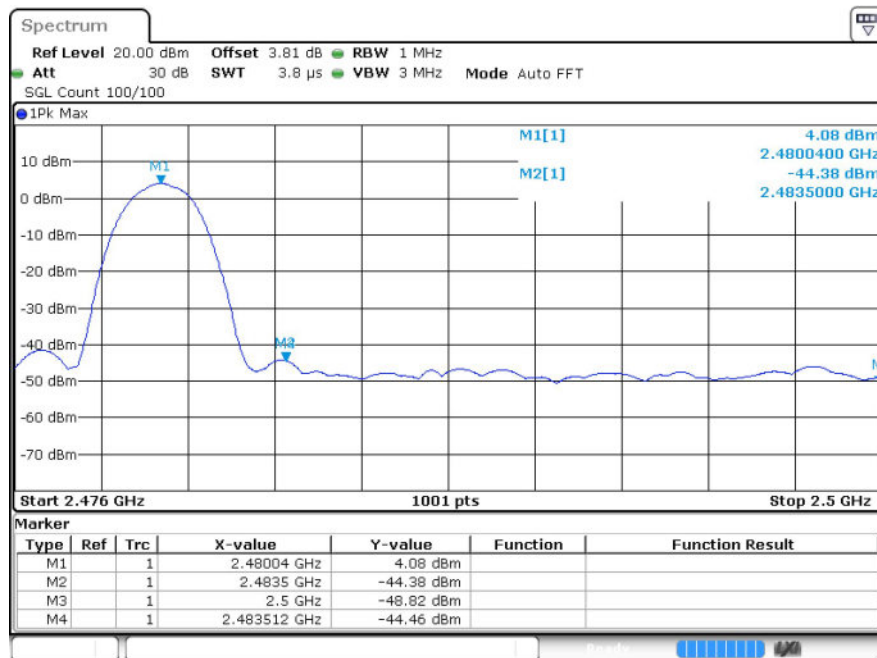
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



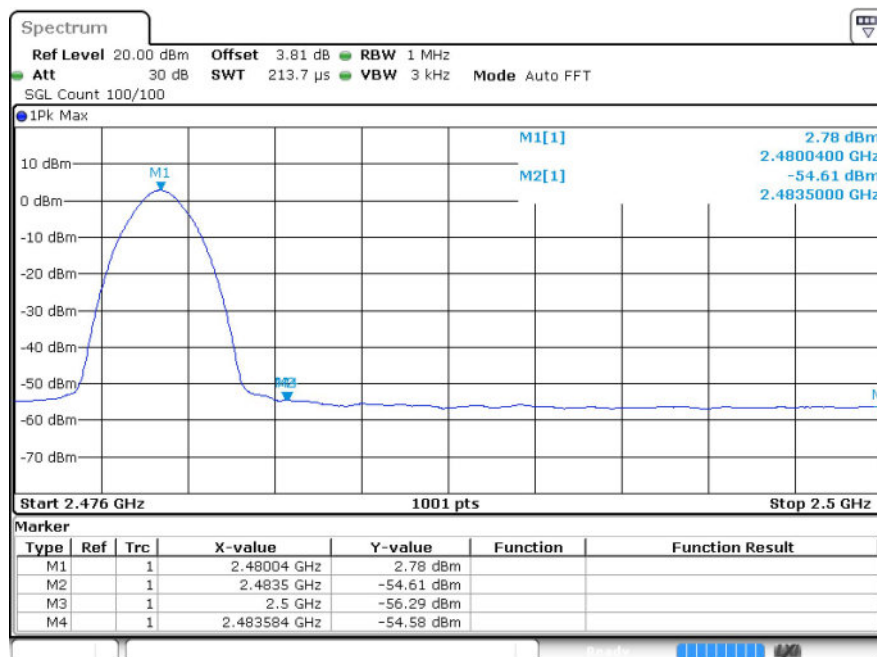
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---