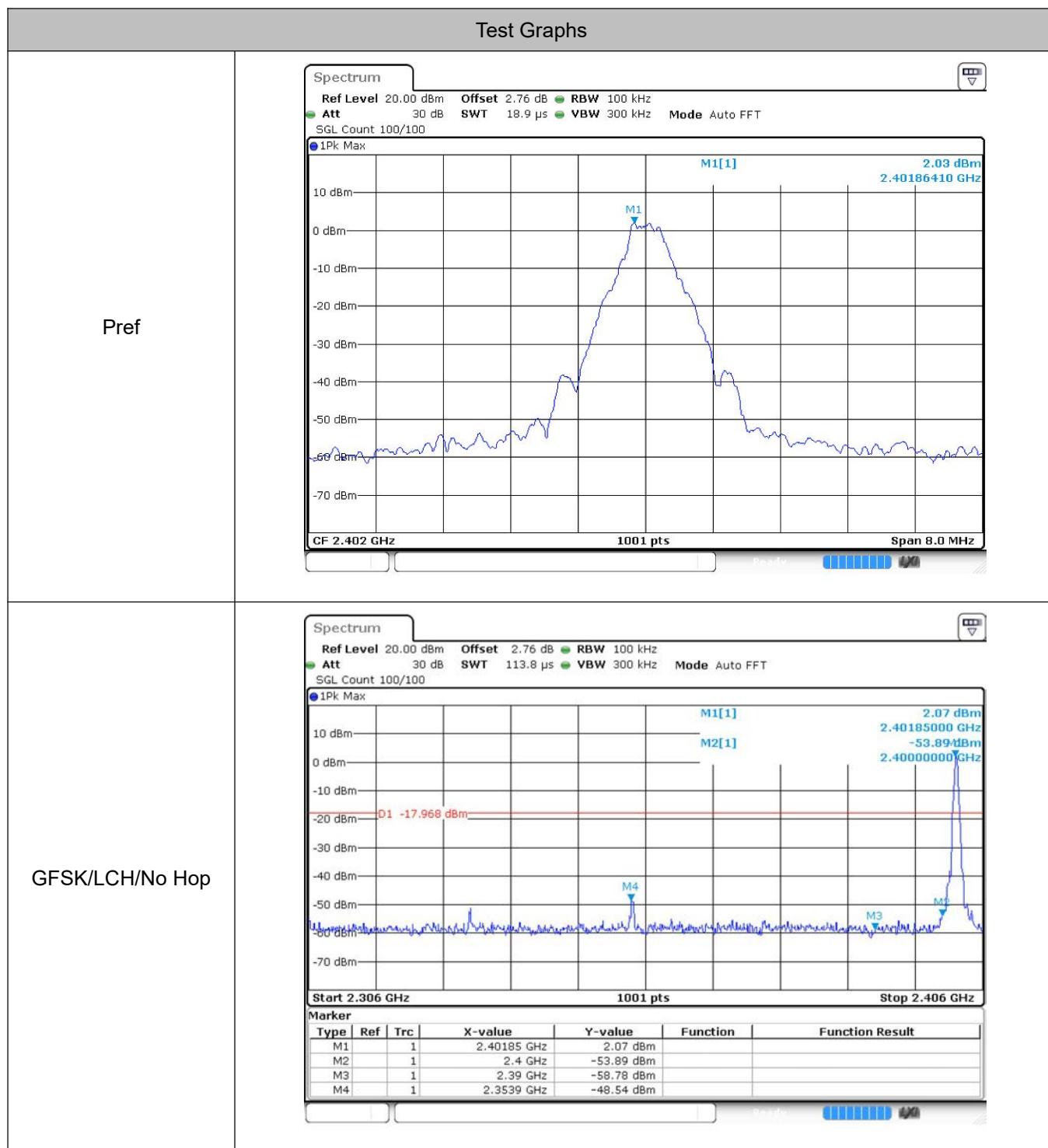


8 Band-edge for RF Conducted Emissions

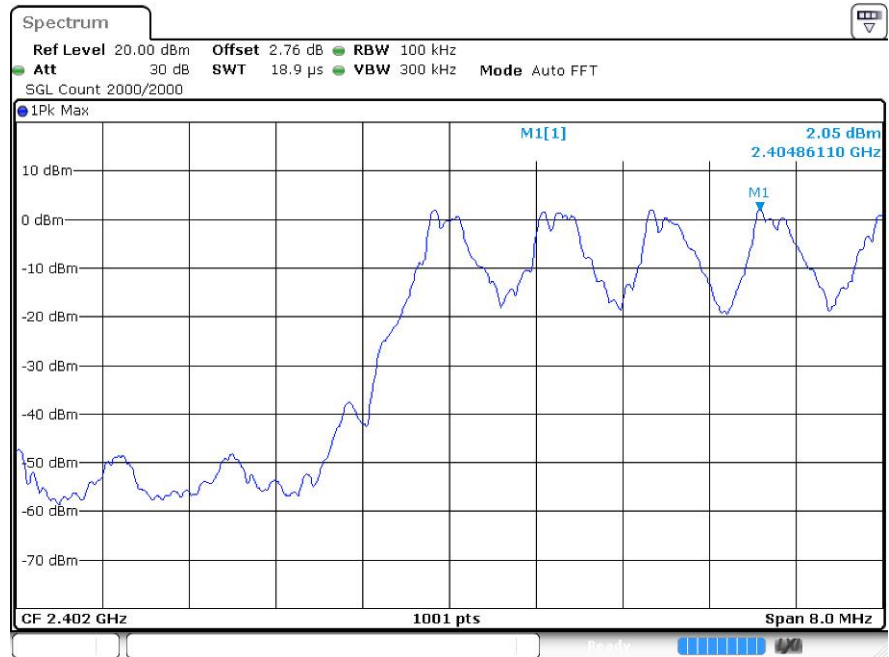
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-50.56	-20	Pass
			On	-48.26	-20	Pass
	HCH	2480	Off	-57.21	-20	Pass
			On	-48.37	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-50	-20	Pass
			On	-48.62	-20	Pass
	HCH	2480	Off	-57.78	-20	Pass
			On	-47.52	-20	Pass
8DPSK	LCH	2402	Off	-50.46	-20	Pass
			On	-48.31	-20	Pass
	HCH	2480	Off	-58	-20	Pass
			On	-48.4	-20	Pass

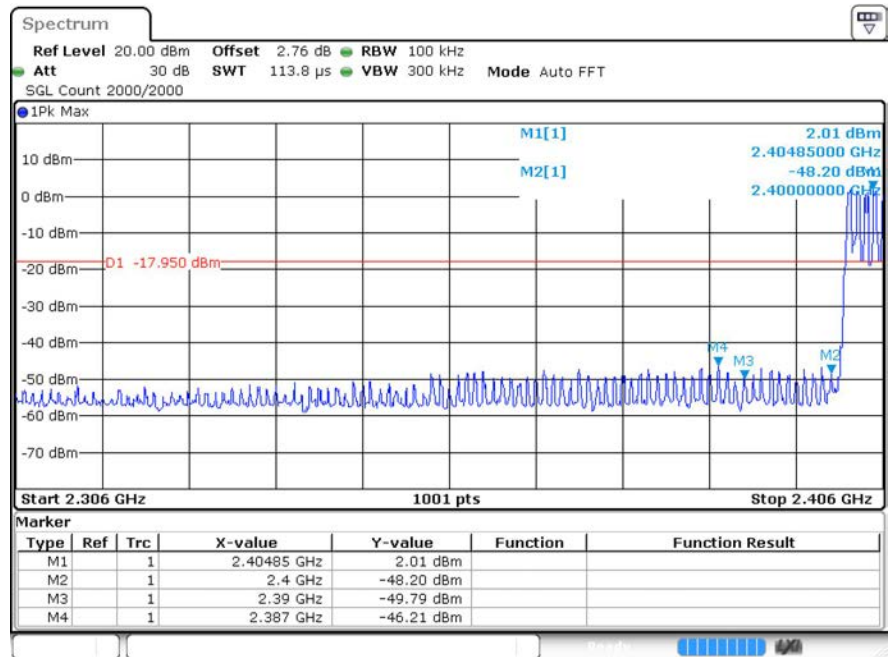
8.2 Test Graphs



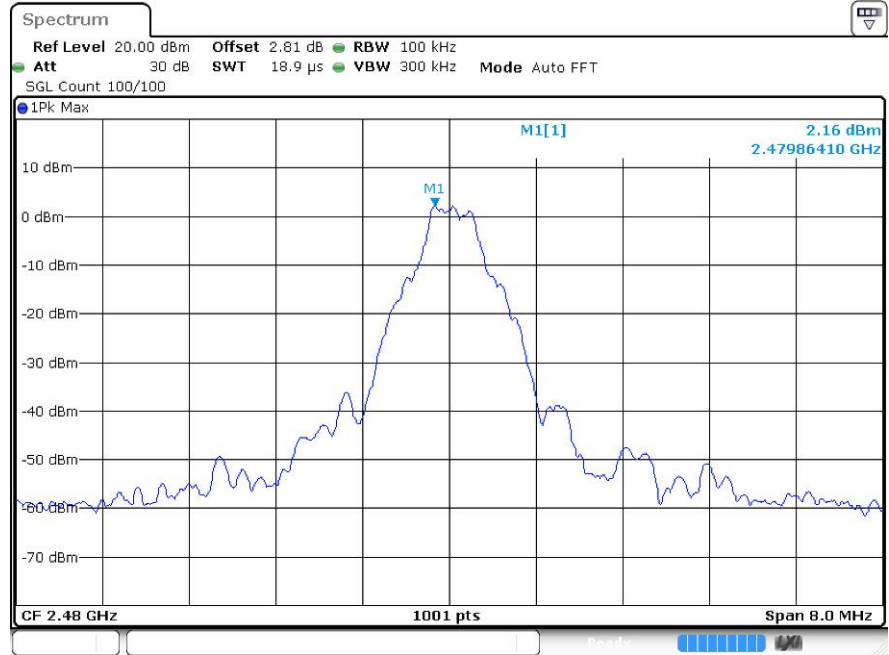
Ref



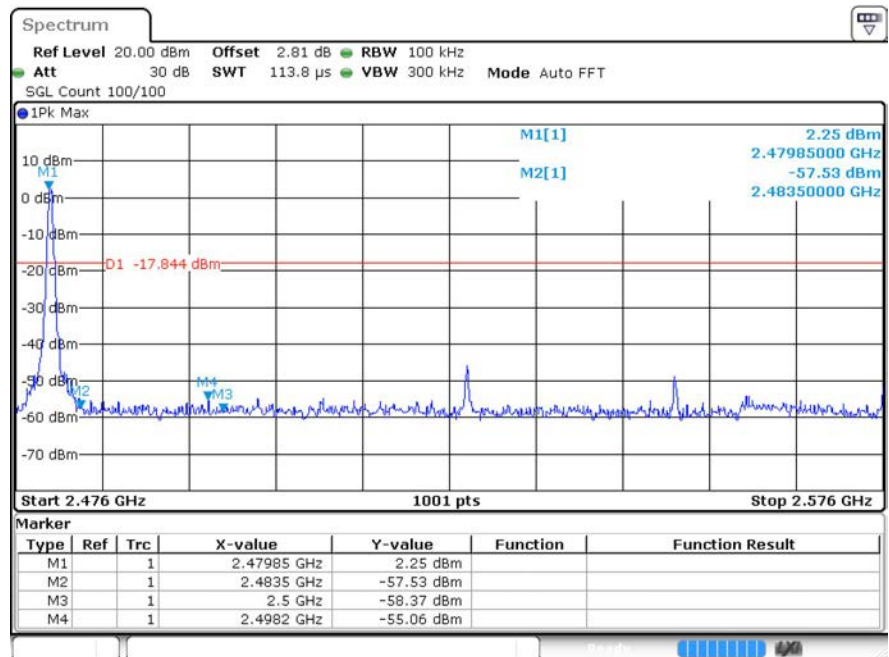
GFSK/LCH/Hop



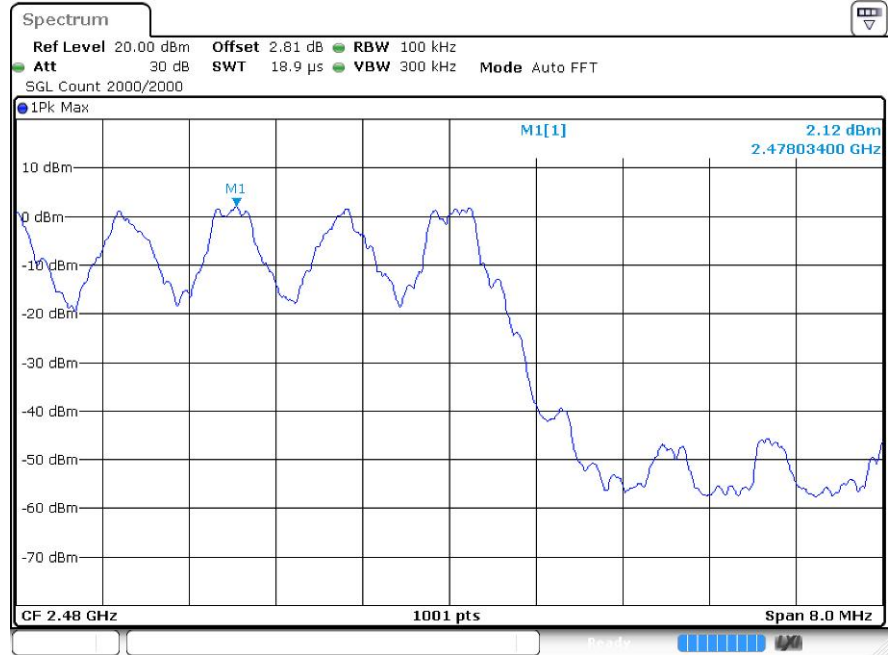
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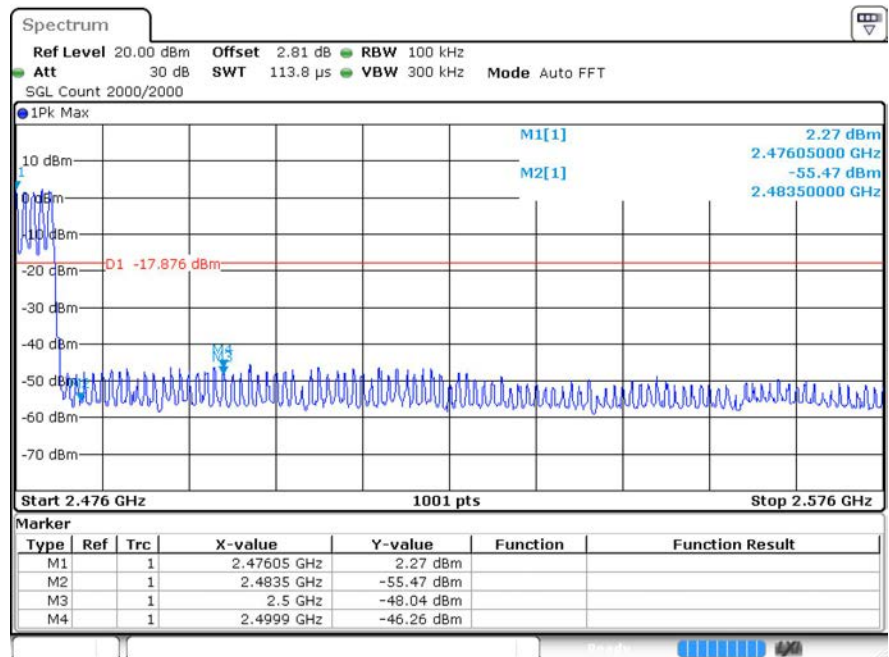
GFSK/HCH/No Hop



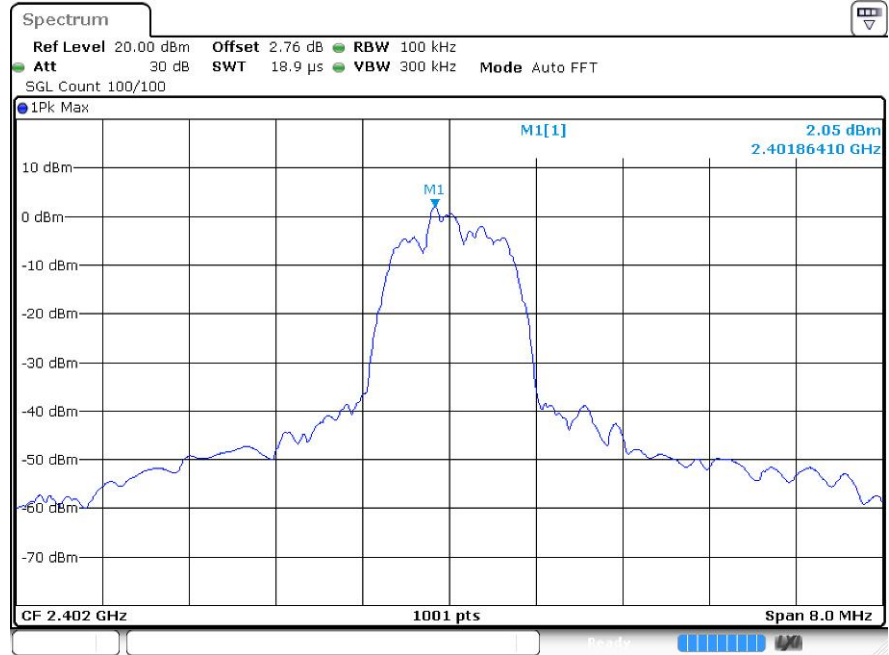
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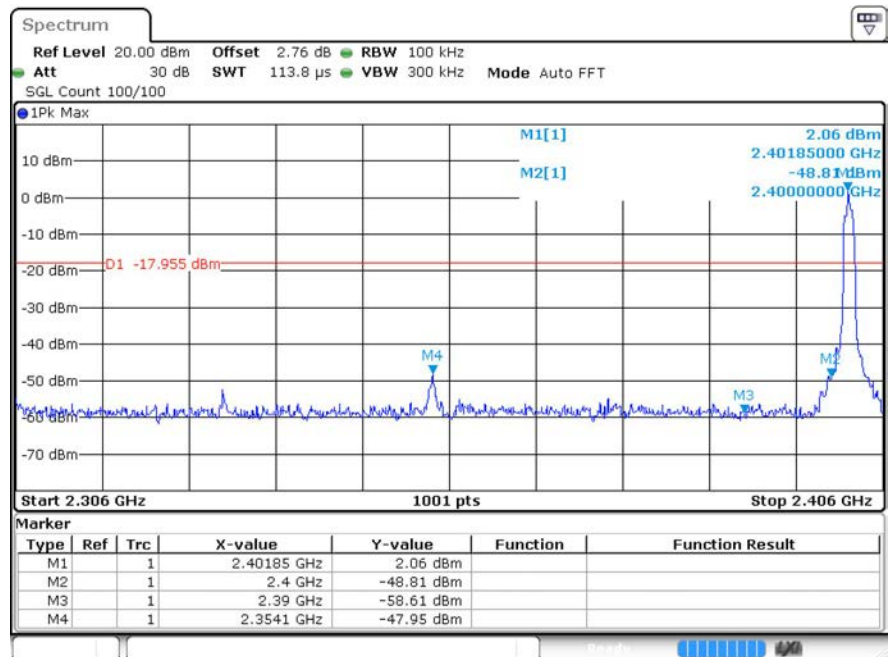
GFSK/HCH/Hop



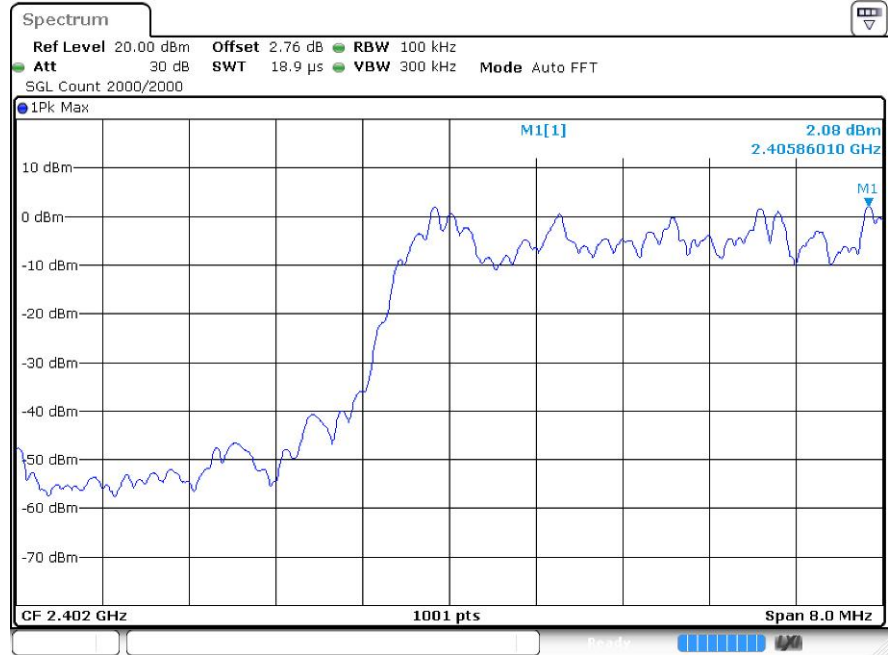
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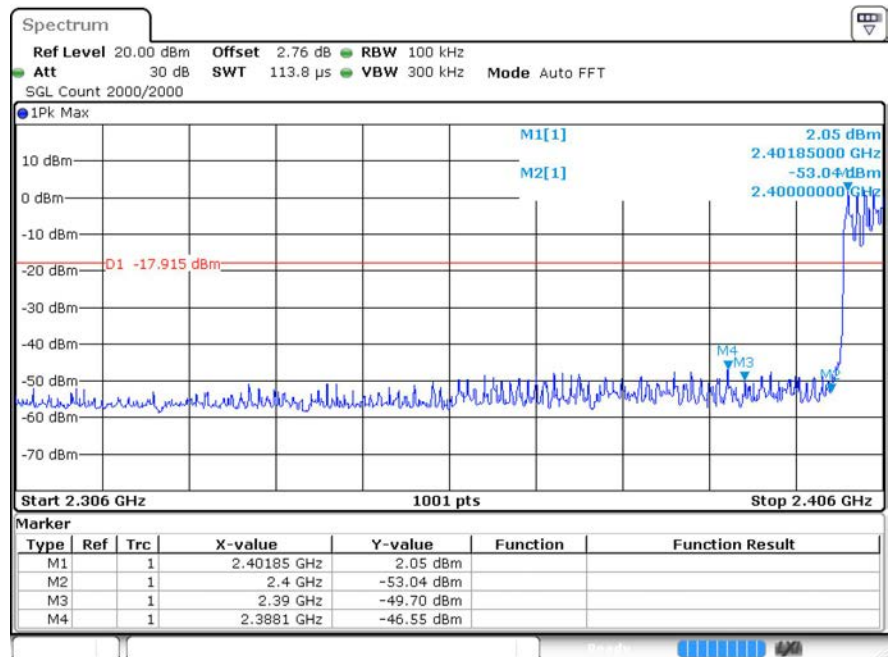
$\pi/4$ DQPSK/LCH/No
Hop



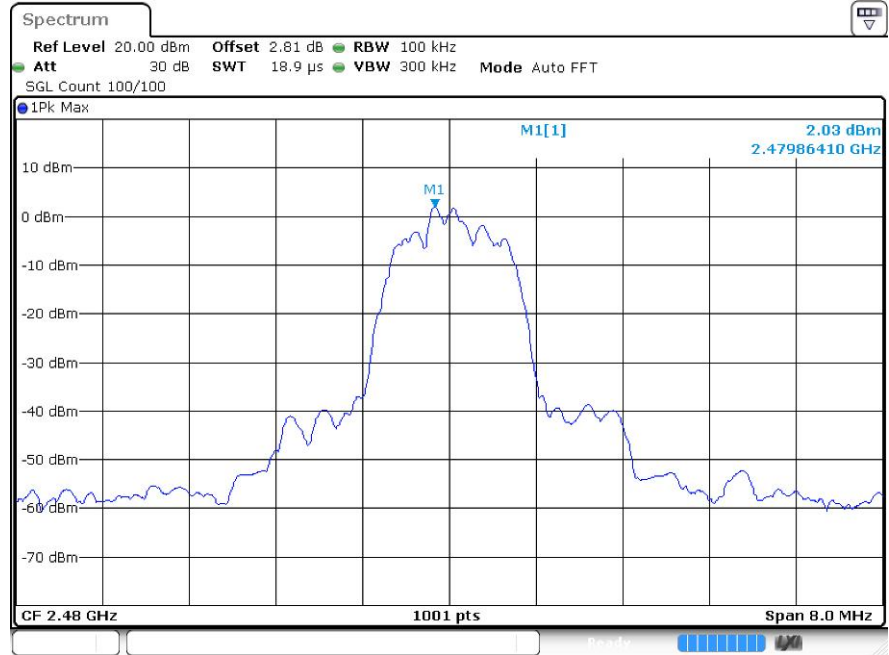
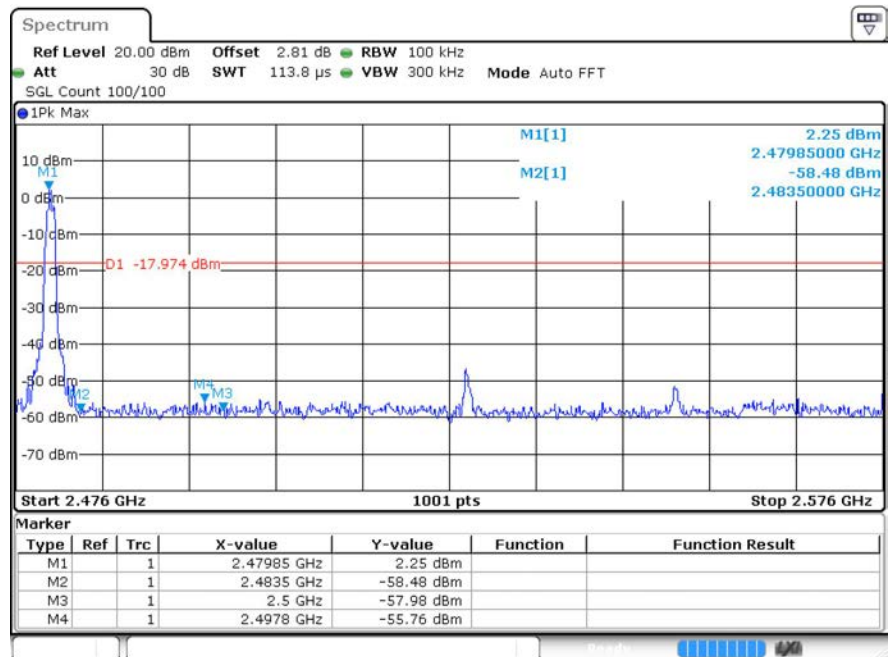
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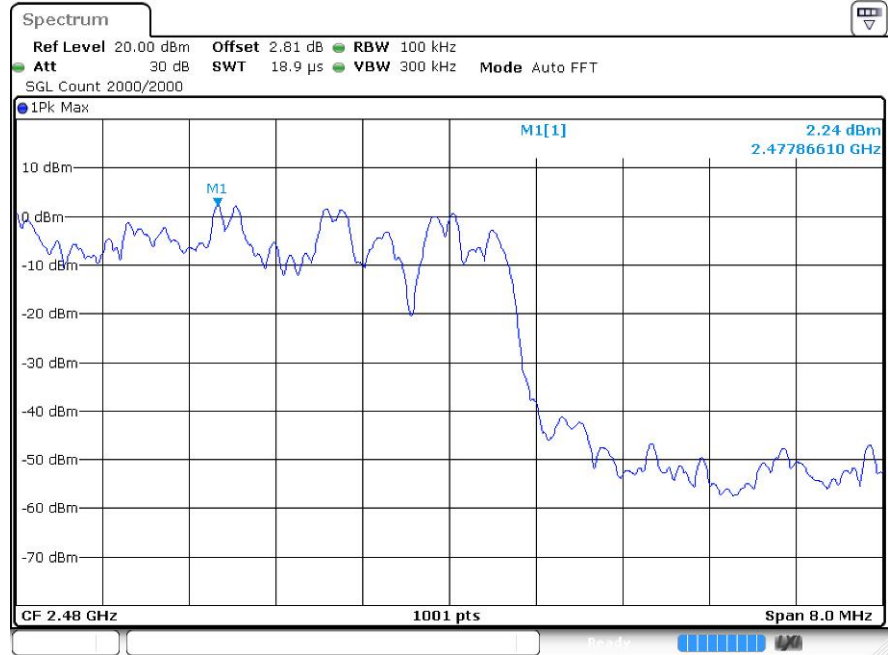
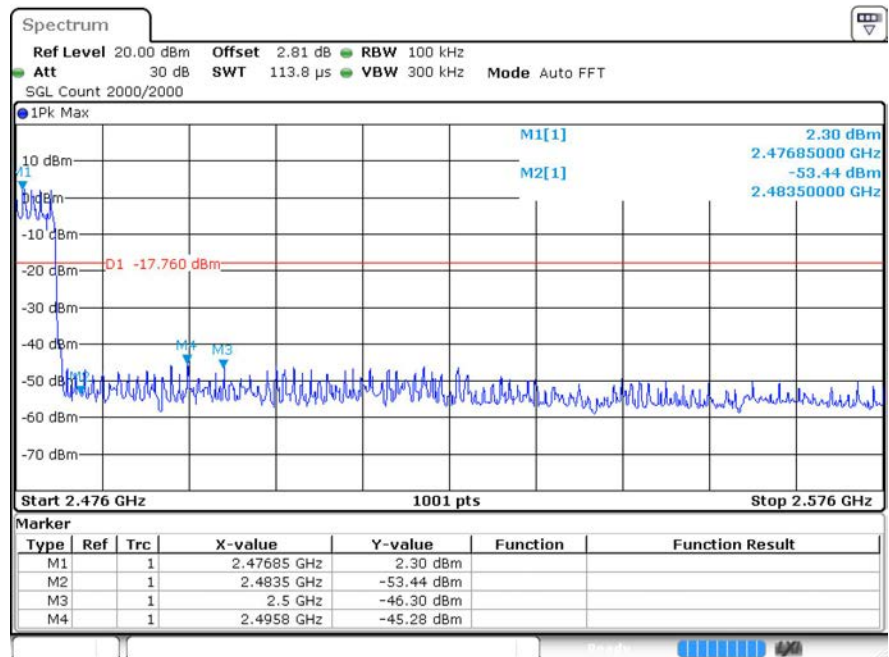
$\pi/4$ DQPSK/LCH/Hop



Ref


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


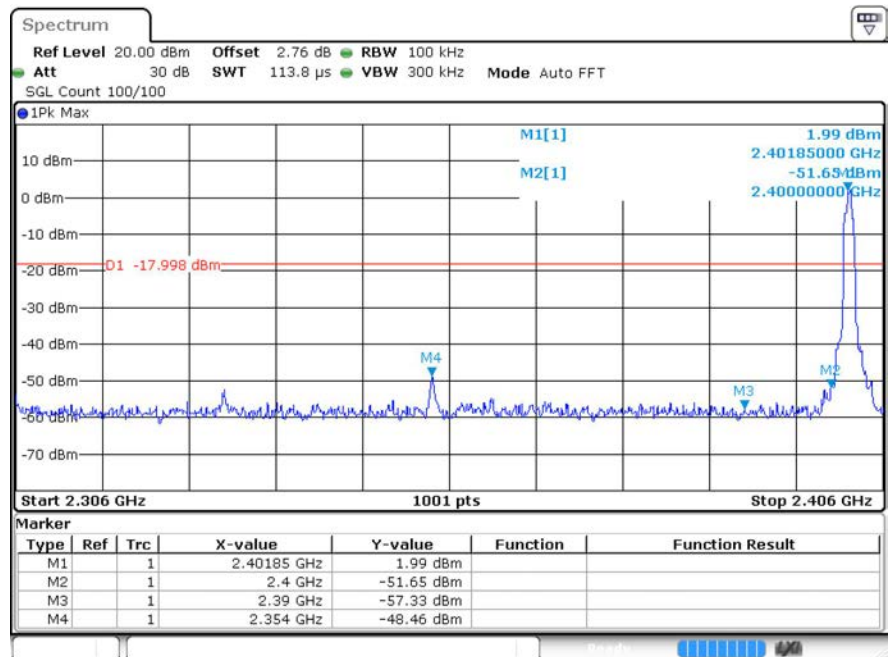
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 $\pi/4$ DQPSK/HCH/Hop


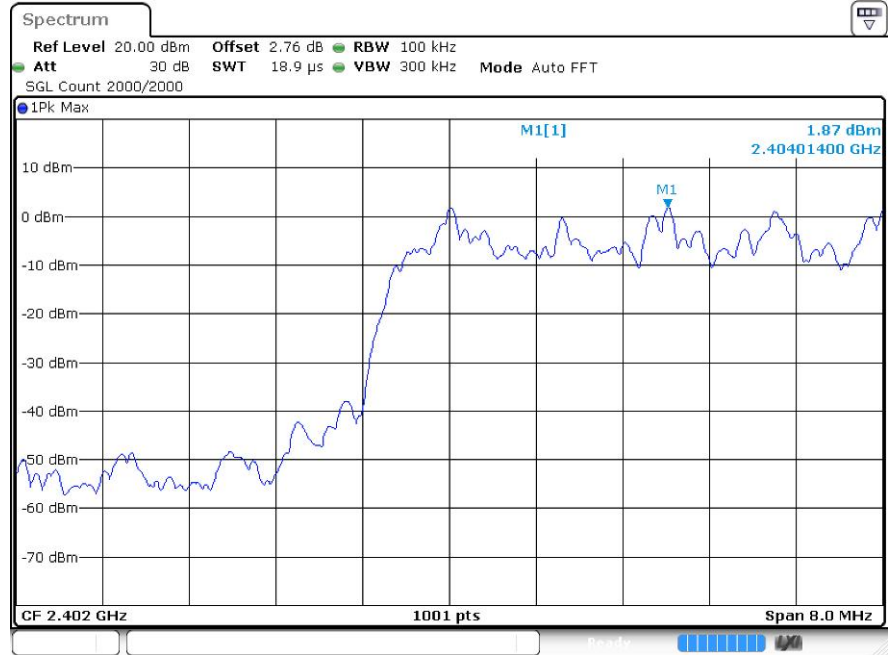
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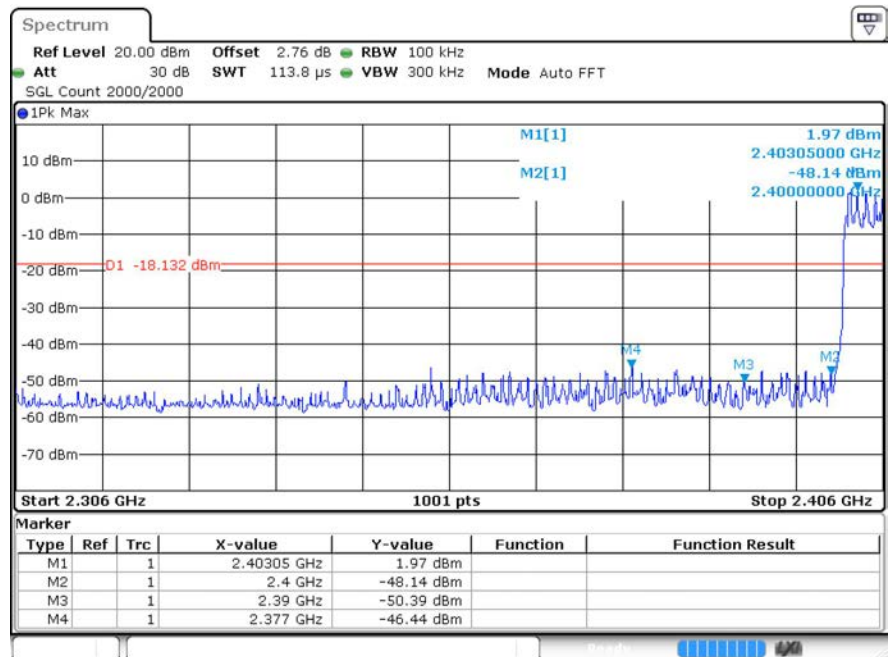
8DPSK/LCH/No Hop



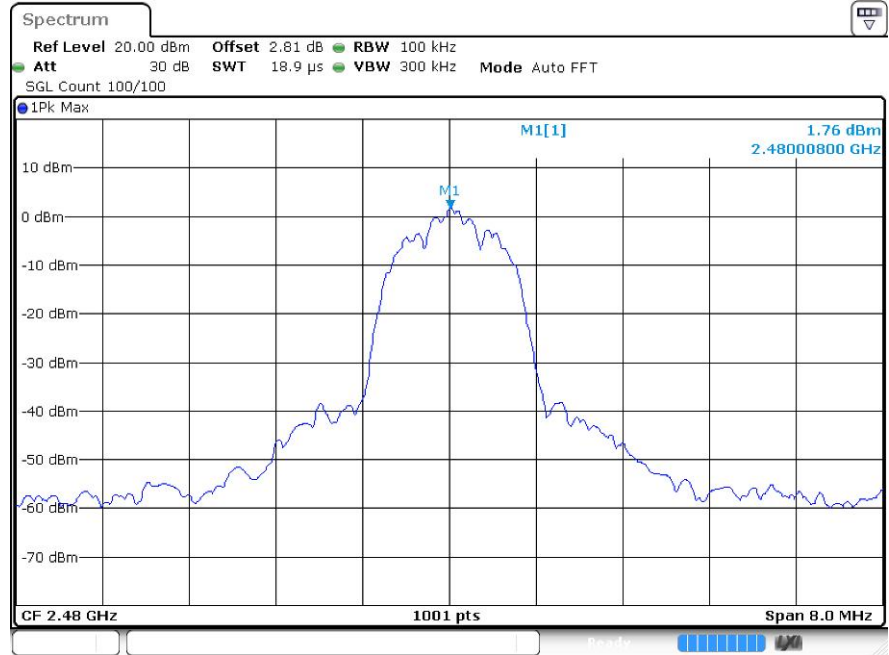
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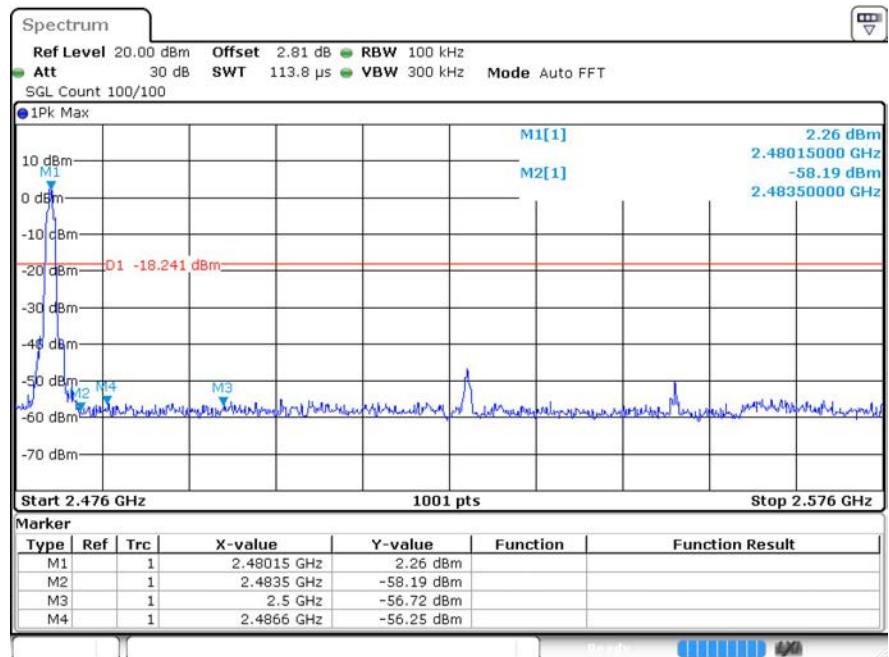
8DPSK/LCH/Hop



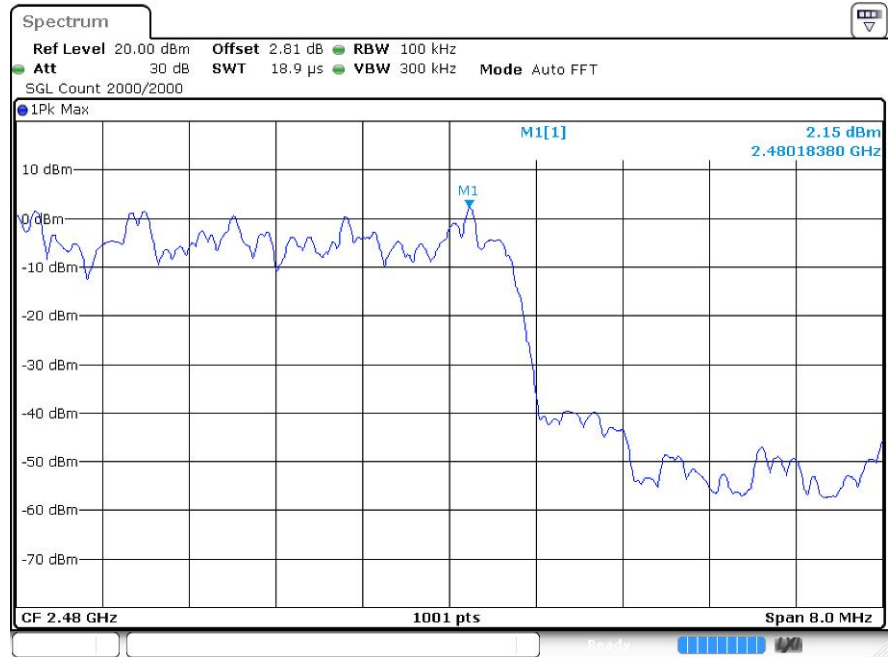
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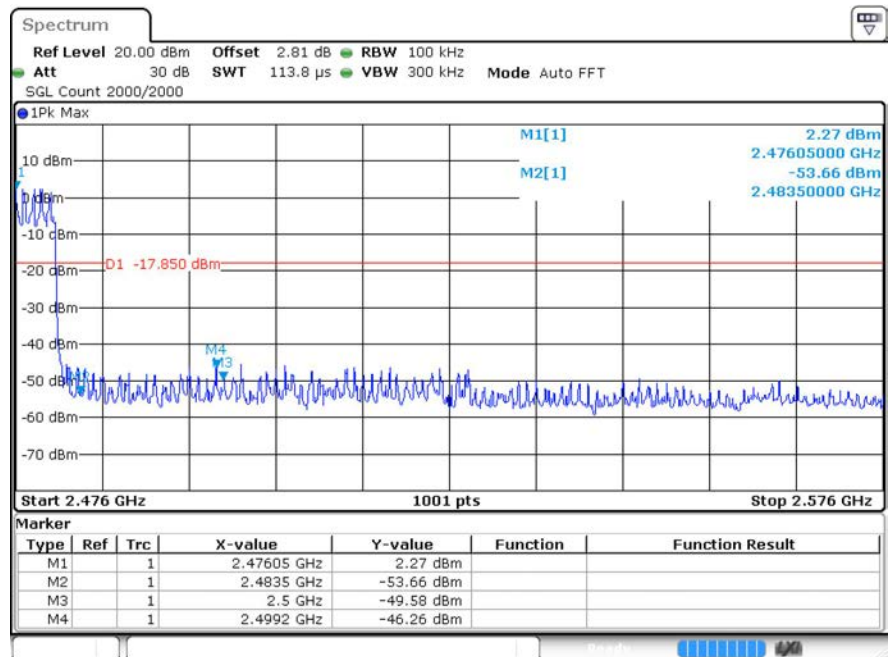
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

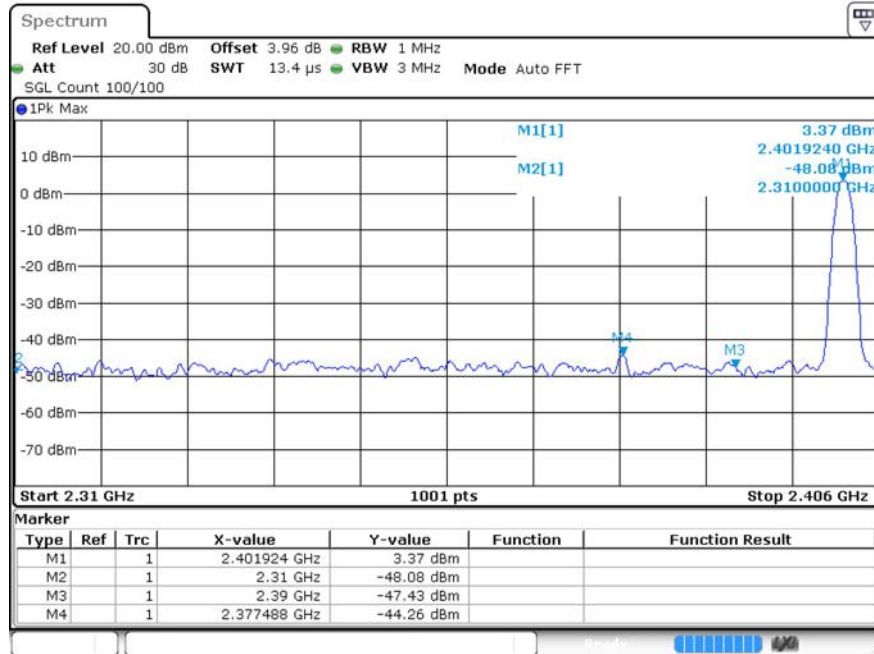
Test Mode	Hopping	Freq.	Power [dBm]	Gain	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-48.07	2	49.19	PEAK	74	Pass
	Off	2310.0	-56.15	2	41.11	AV	54	Pass
	Off	2377.488	-44.26	2	53	PEAK	74	Pass
	Off	2354.064	-47.27	2	49.99	AV	54	Pass
	Off	2390.0	-47.42	2	49.84	PEAK	74	Pass
	Off	2390.0	-55.88	2	41.38	AV	54	Pass
	Off	2483.5	-47.28	2	49.98	PEAK	74	Pass
	Off	2483.5	-55.45	2	41.81	AV	54	Pass
	Off	2489.056	-45.01	2	52.25	PEAK	74	Pass
	Off	2497.864	-55.16	2	42.1	AV	54	Pass
	Off	2500.0	-49.43	2	47.83	PEAK	74	Pass
	Off	2500.0	-55.26	2	42	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-48.69	2	48.57	PEAK	74	Pass
	Off	2310.0	-56.17	2	41.09	AV	54	Pass
	Off	2354.064	-44	2	53.26	PEAK	74	Pass
	Off	2353.968	-46.74	2	50.52	AV	54	Pass
	Off	2390.0	-49.02	2	48.24	PEAK	74	Pass
	Off	2390.0	-55.87	2	41.39	AV	54	Pass
	Off	2483.5	-45.95	2	51.31	PEAK	74	Pass
	Off	2483.5	-55.25	2	42.01	AV	54	Pass
	Off	2485.024	-45.79	2	51.47	PEAK	74	Pass
	Off	2498.776	-54.97	2	42.29	AV	54	Pass
	Off	2500.0	-47.57	2	49.69	PEAK	74	Pass
	Off	2500.0	-55.32	2	41.94	AV	54	Pass
8DPSK	Off	2310.0	-44.6	2	52.66	PEAK	74	Pass
	Off	2310.0	-56.04	2	41.22	AV	54	Pass
	Off	2354.16	-42.8	2	54.46	PEAK	74	Pass
	Off	2354.064	-48.15	2	49.11	AV	54	Pass



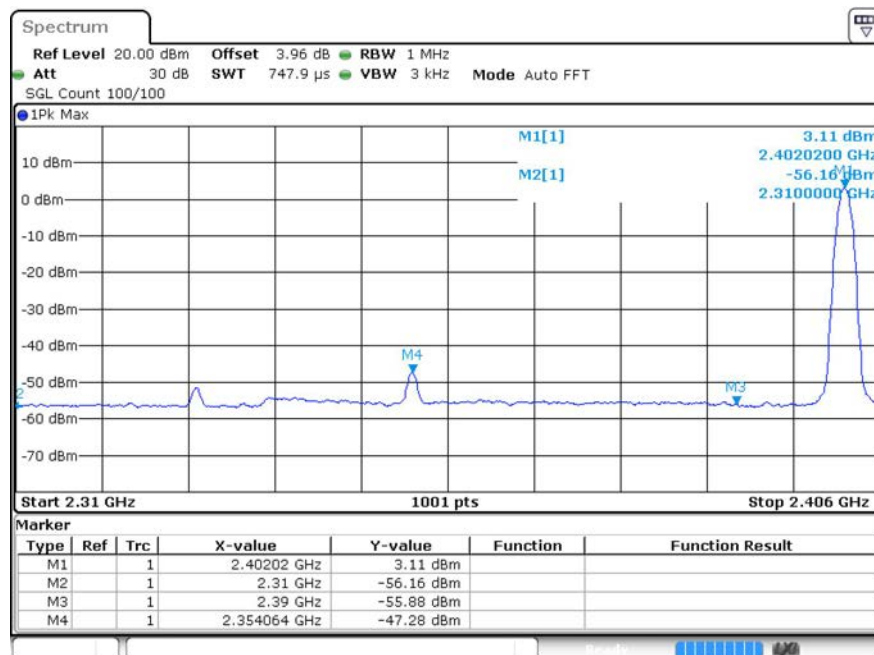
	Off	2390.0	-47.38	2	49.88	PEAK	74	Pass
	Off	2390.0	-56.01	2	41.25	AV	54	Pass
	Off	2483.5	-49.24	2	48.02	PEAK	74	Pass
	Off	2483.5	-54.99	2	42.27	AV	54	Pass
	Off	2496.016	-43.71	2	53.55	PEAK	74	Pass
	Off	2494.792	-54.95	2	42.31	AV	54	Pass
	Off	2500.0	-49.05	2	48.21	PEAK	74	Pass
	Off	2500.0	-55.35	2	41.91	AV	54	Pass

9.2 Test Graphs

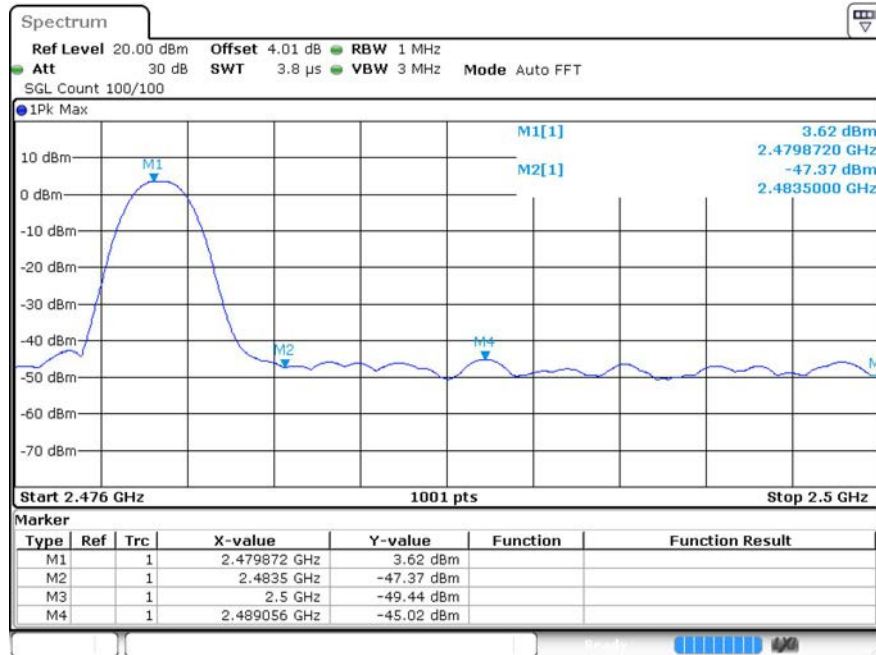
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



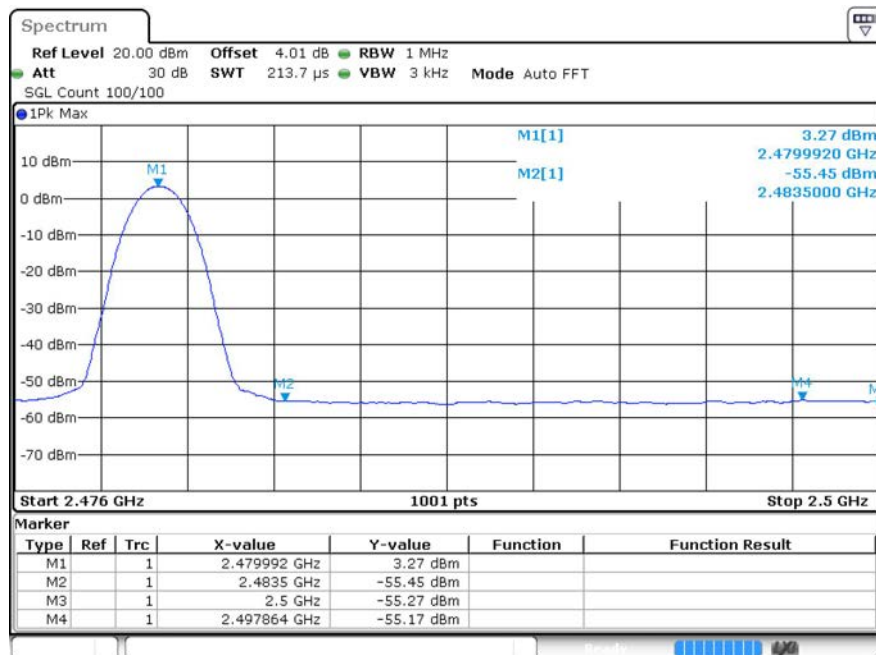
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



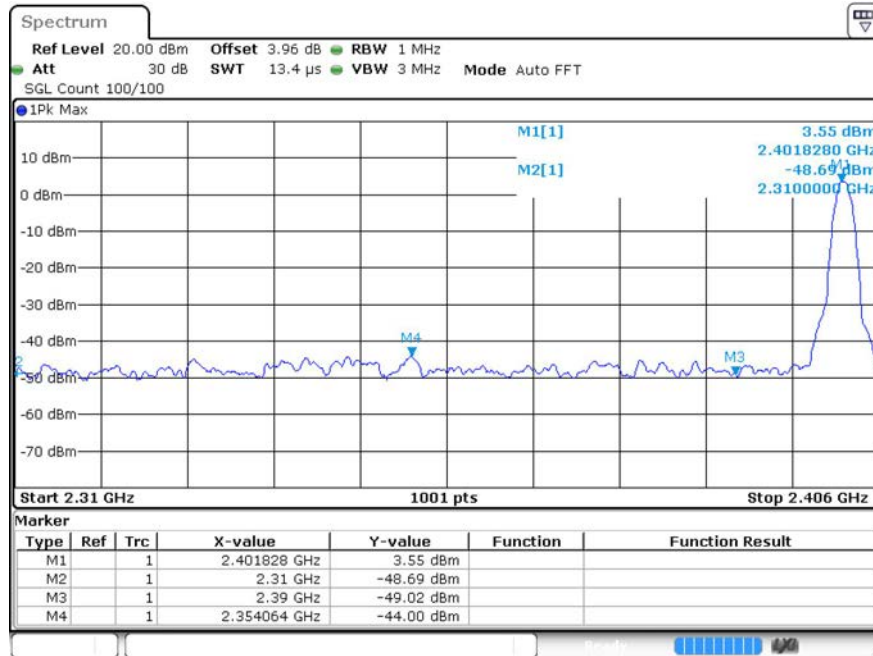
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



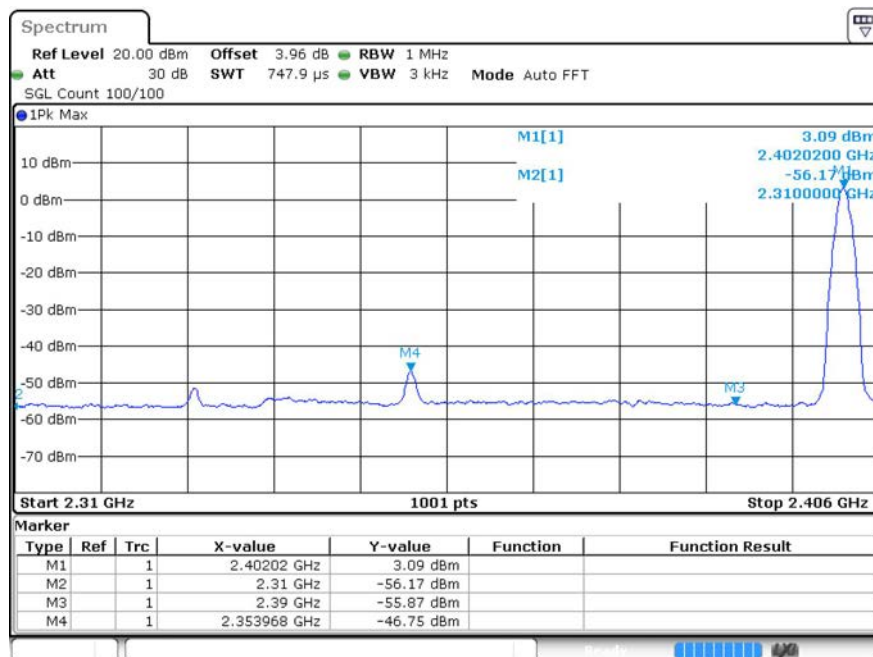
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



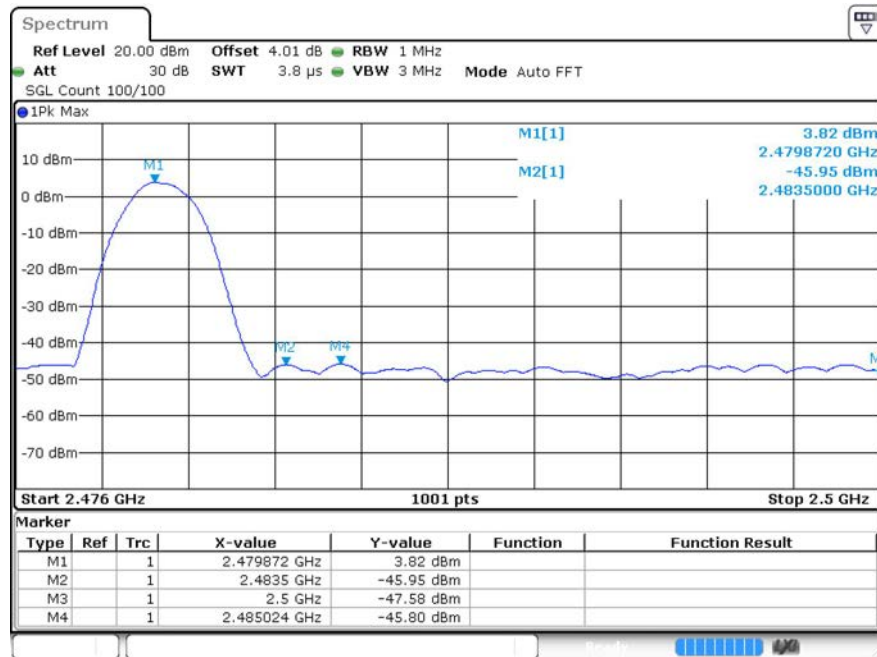
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



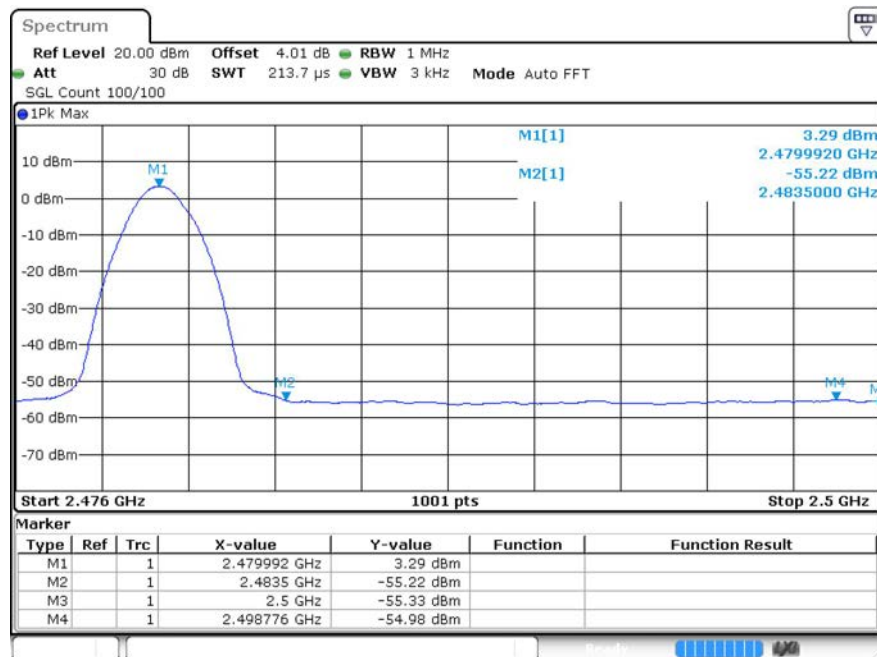
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



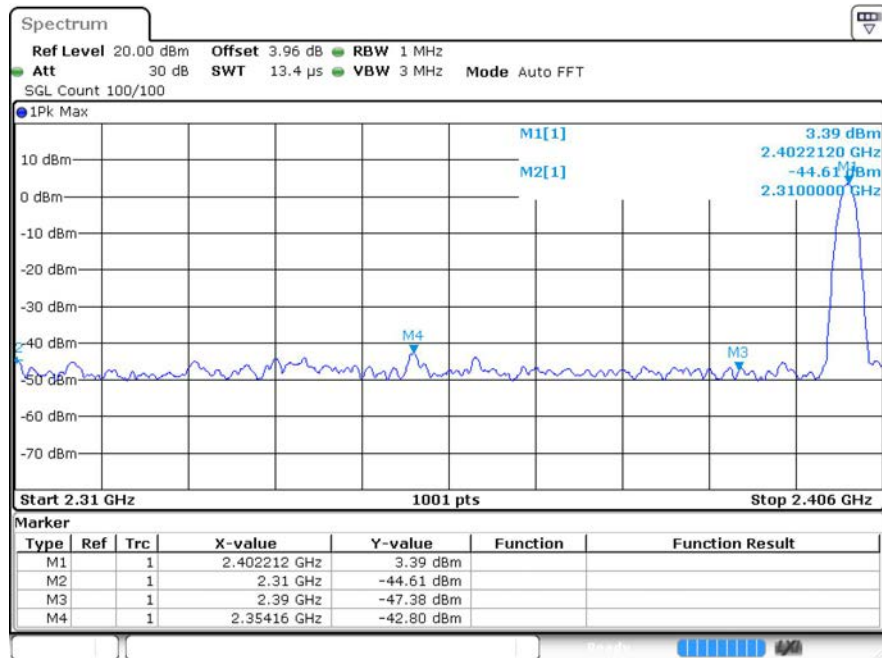
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



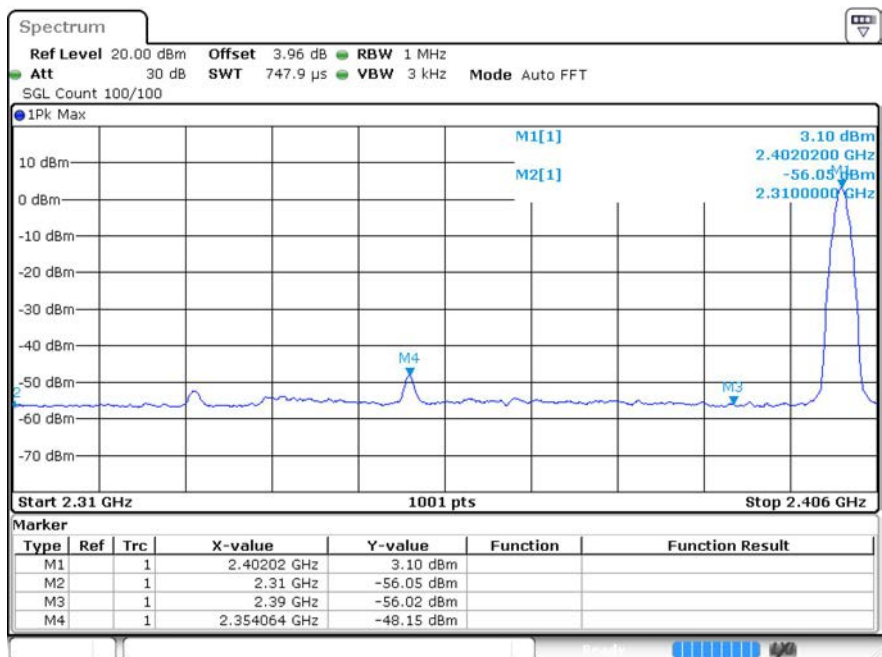
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



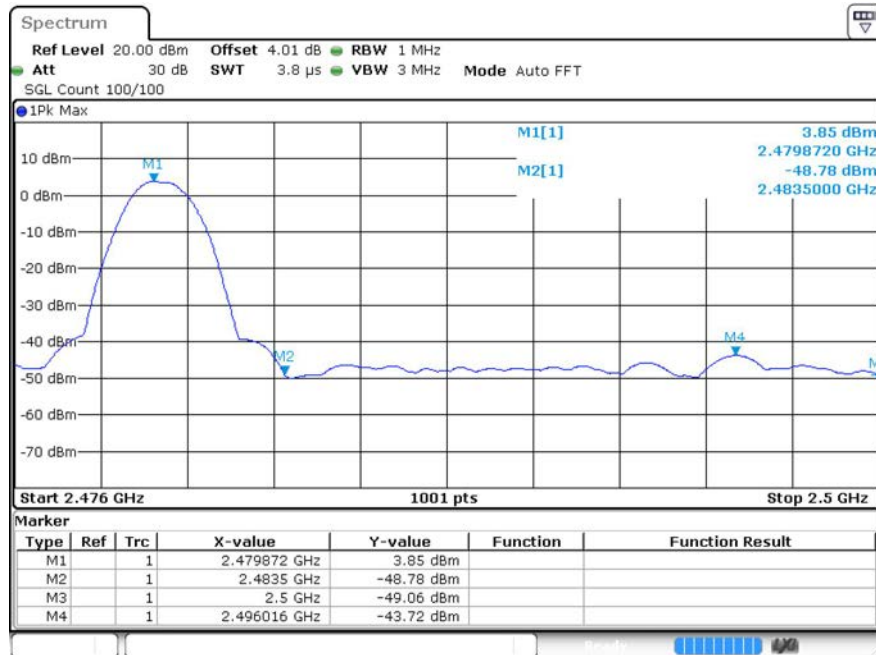
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



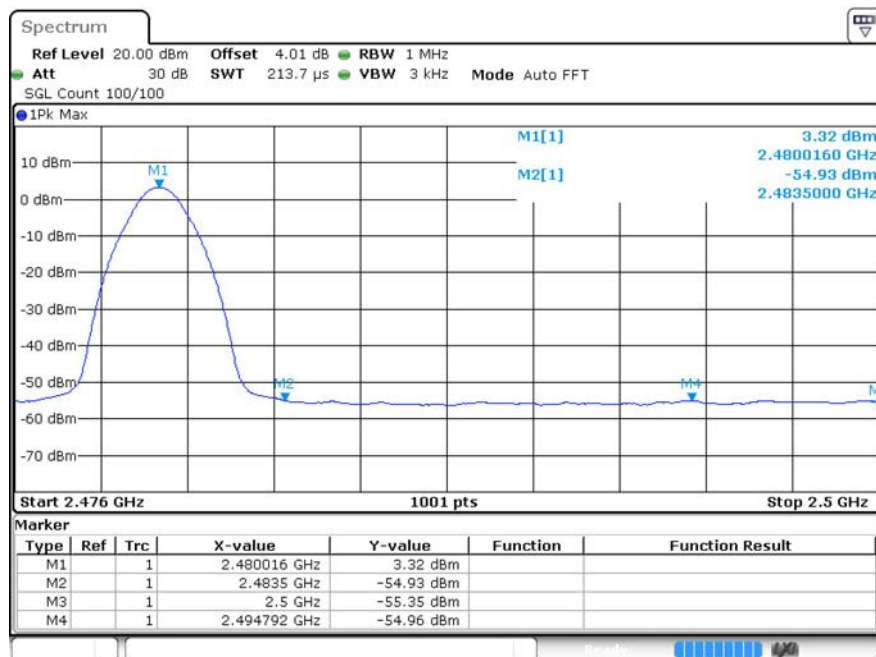
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---