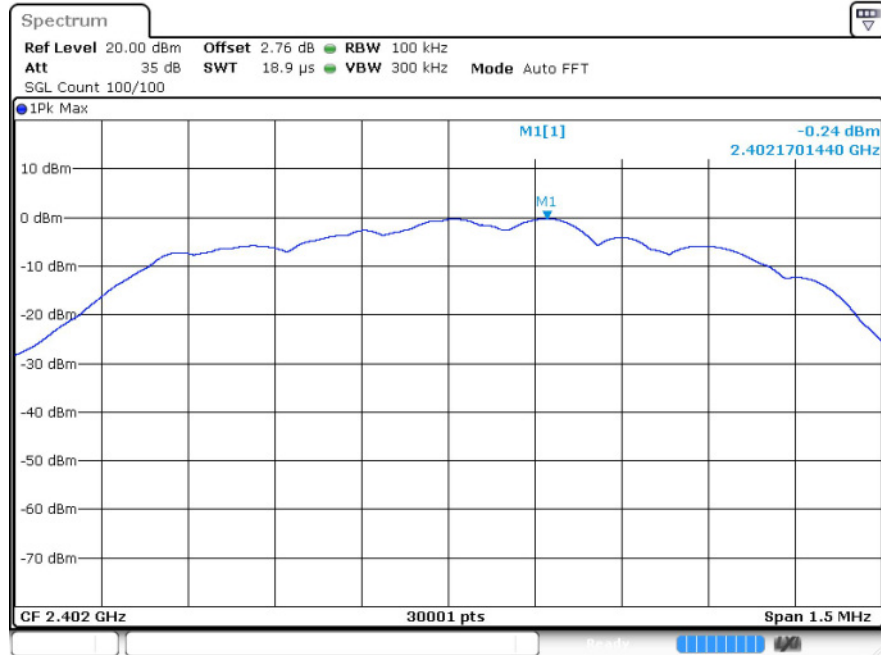
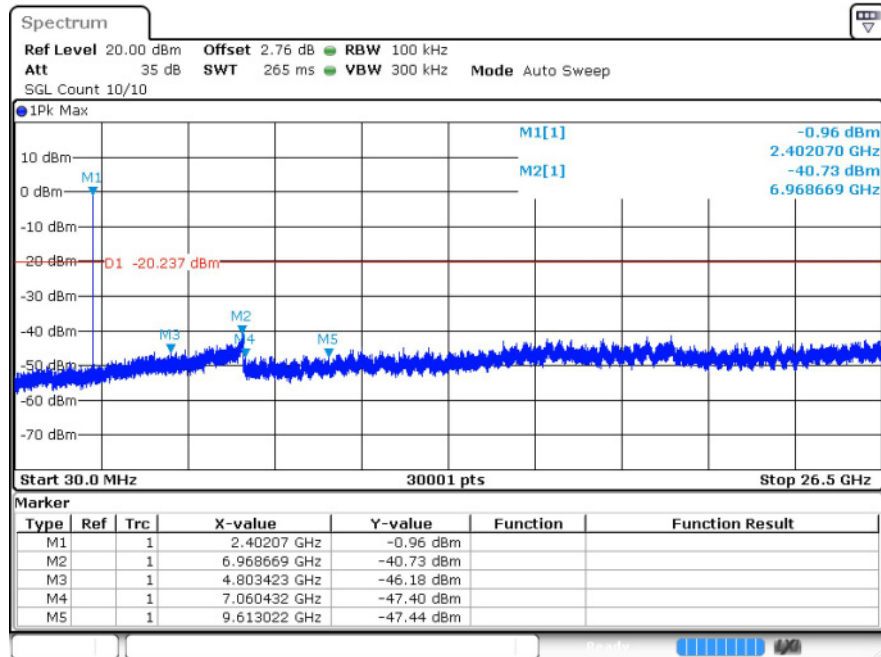


8DPSK_LCH_Graphs

Pref

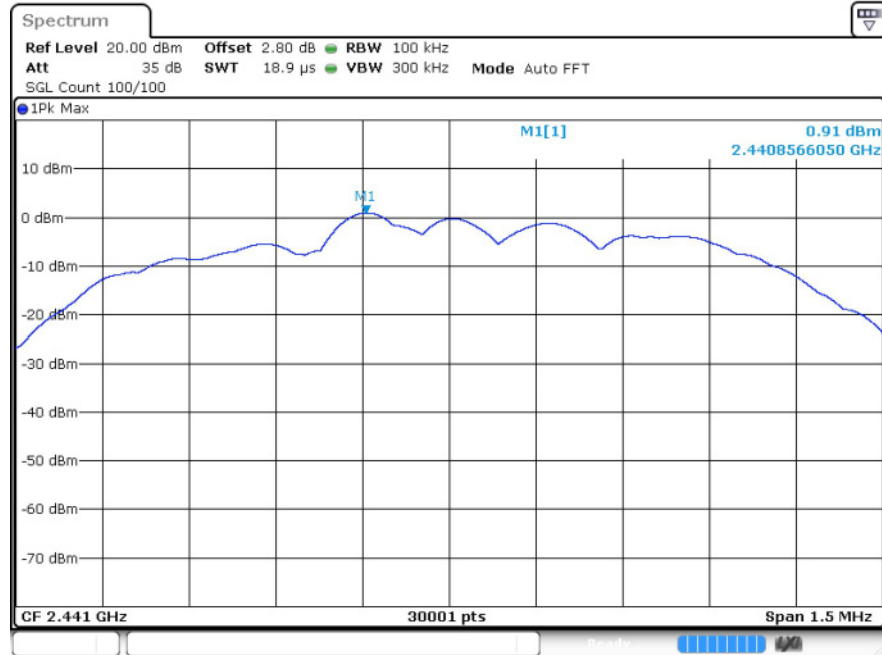


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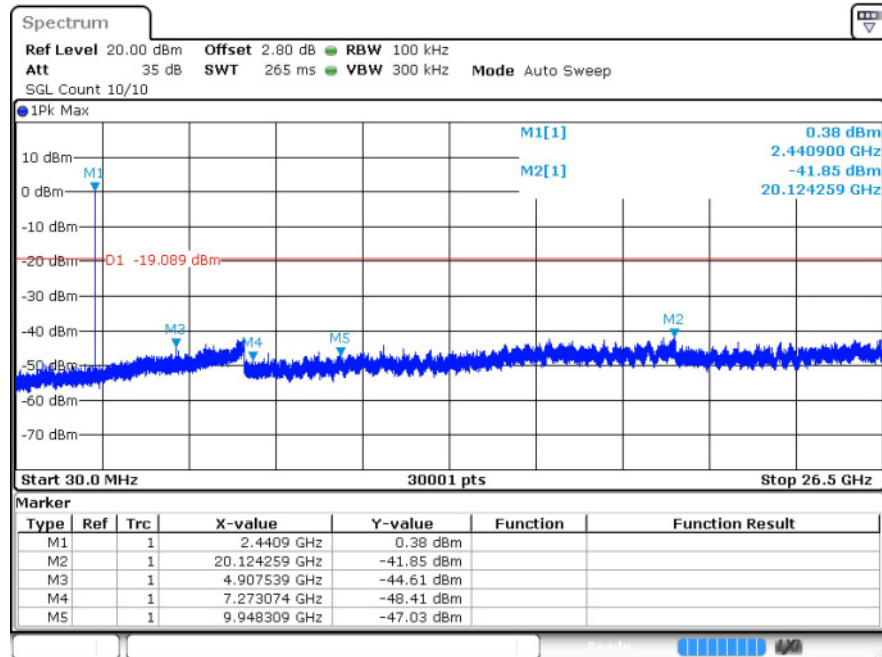


8DPSK_MCH_Graphs

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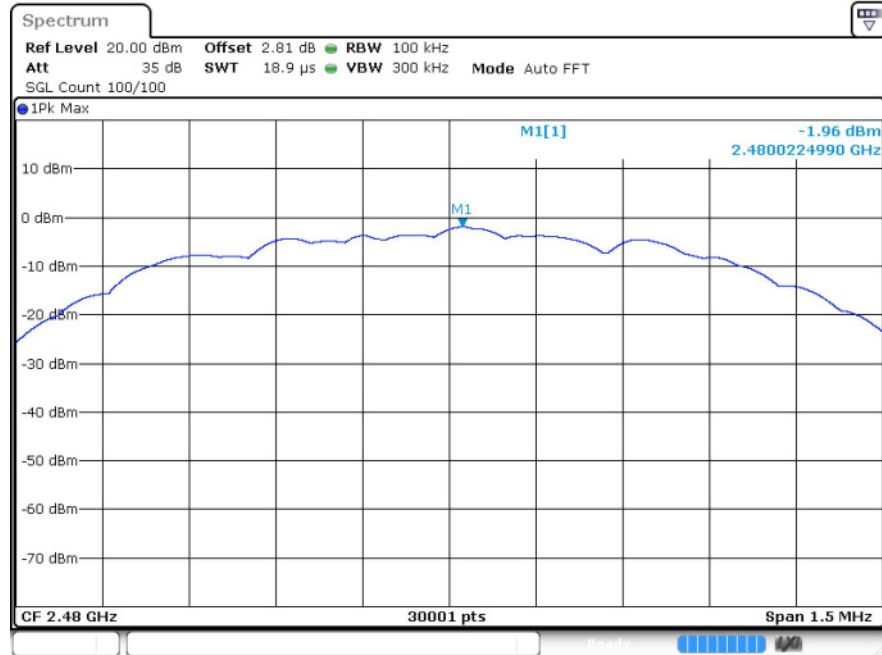


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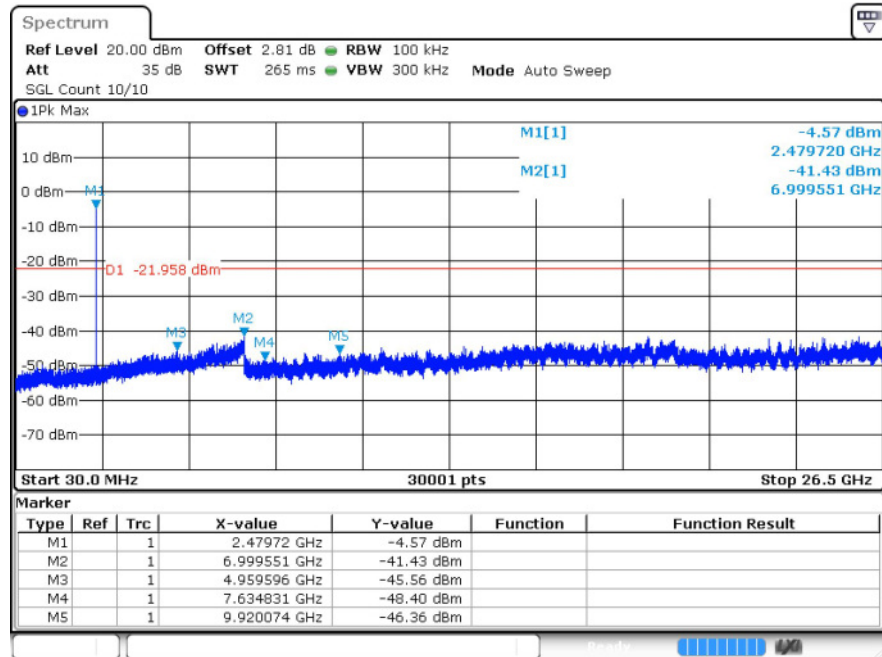


8DPSK_HCH_Graphs

Pref



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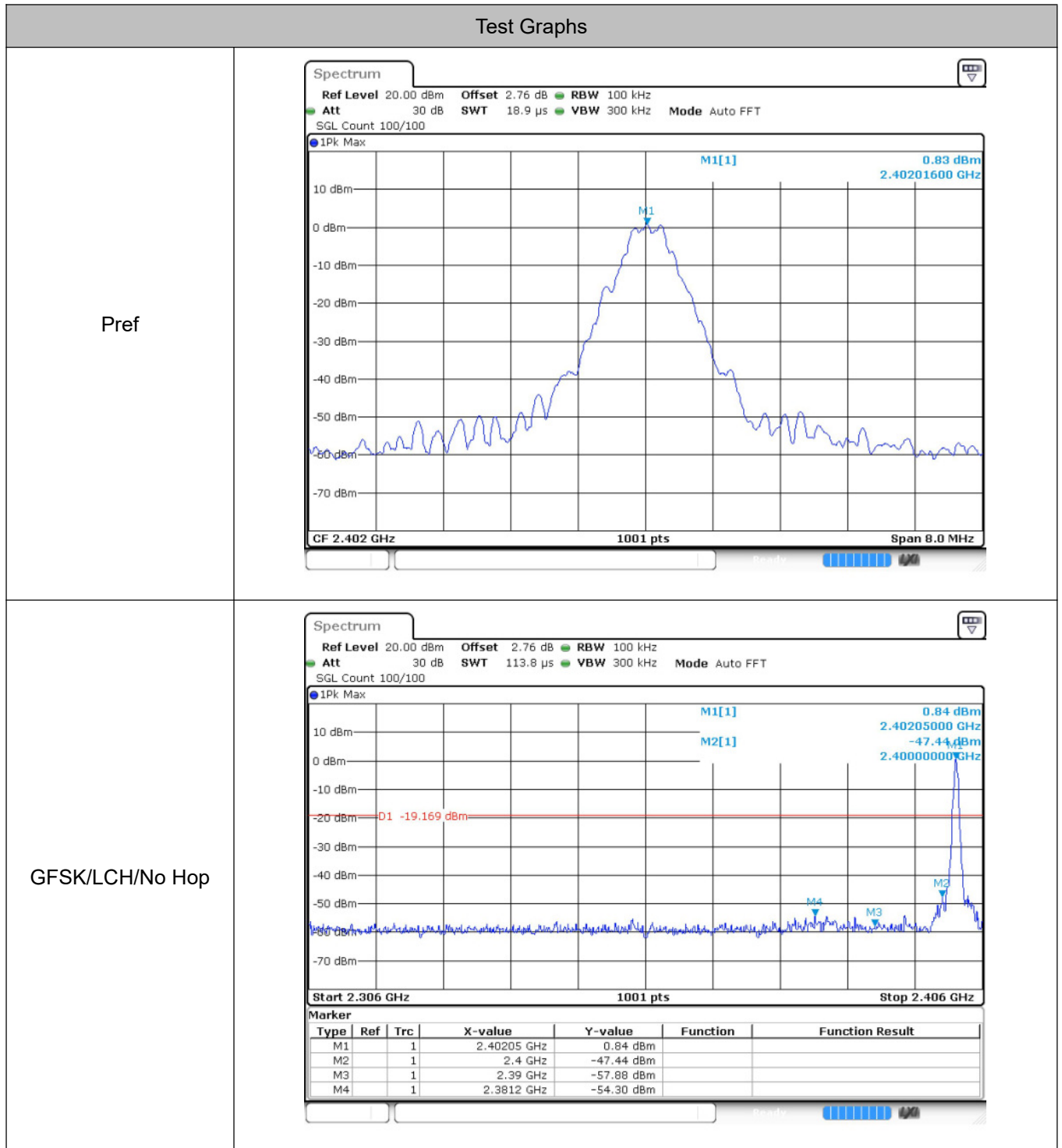


8 Band-edge for RF Conducted Emissions

8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-55.12	-20	Pass
			On	-52.36	-20	Pass
	HCH	2480	Off	-54.44	-20	Pass
			On	-54.21	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-55.48	-20	Pass
			On	-54.52	-20	Pass
	HCH	2480	Off	-54.68	-20	Pass
			On	-51.22	-20	Pass
8DPSK	LCH	2402	Off	-55.46	-20	Pass
			On	-53.55	-20	Pass
	HCH	2480	Off	-53.96	-20	Pass
			On	-53.21	-20	Pass

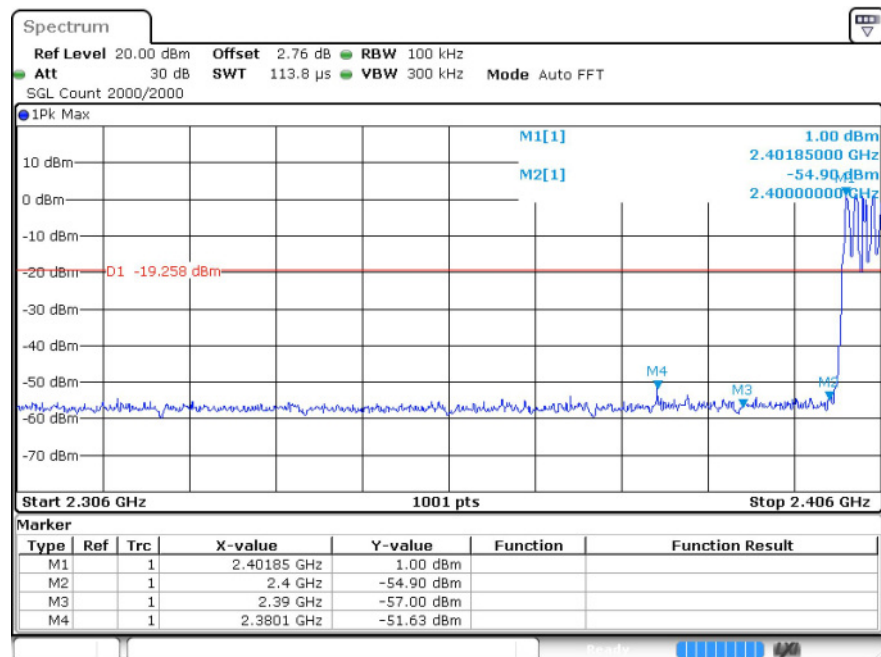
8.2 Test Graphs



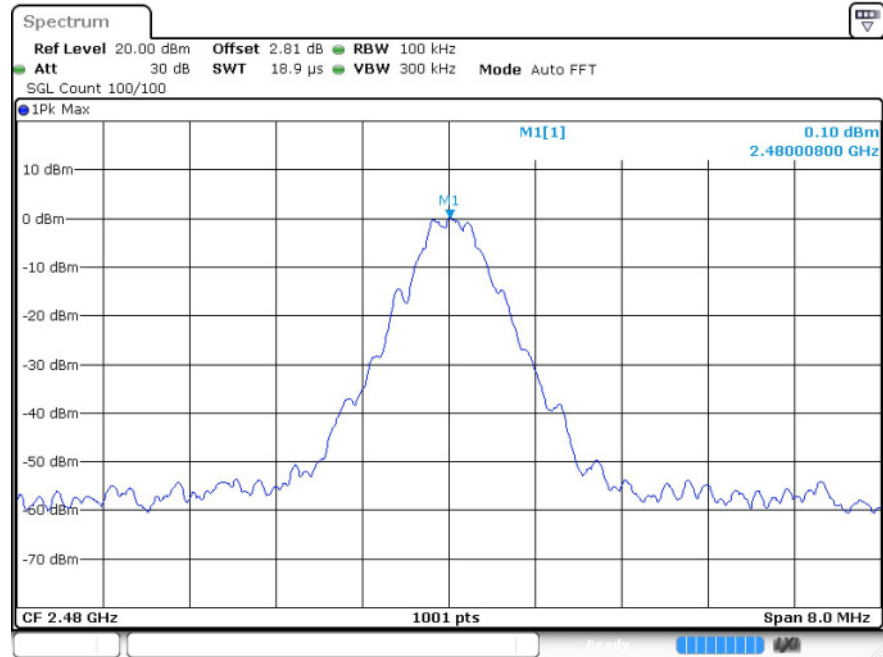
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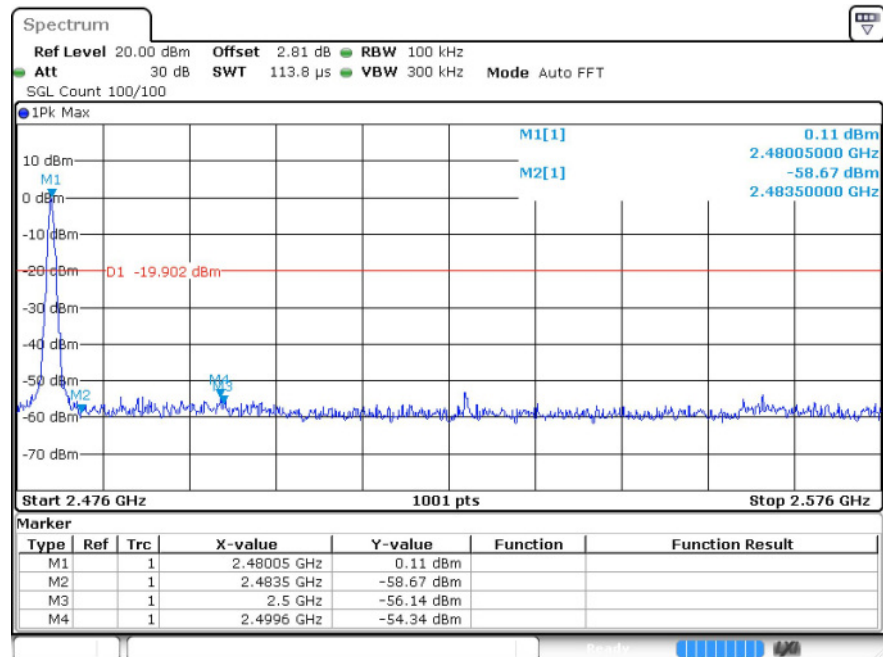
GFSK/LCH/Hop



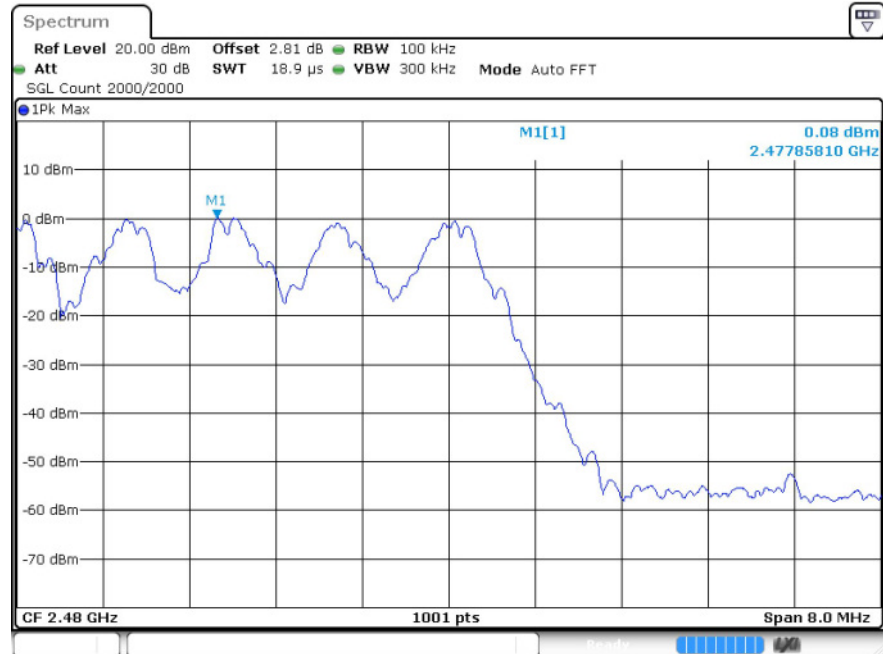
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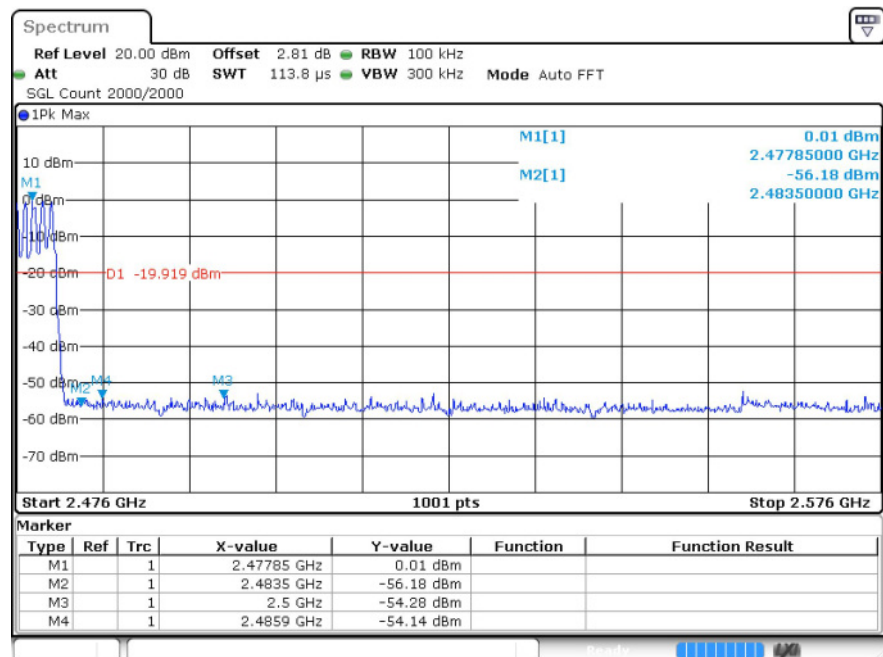
GFSK/HCH/No Hop



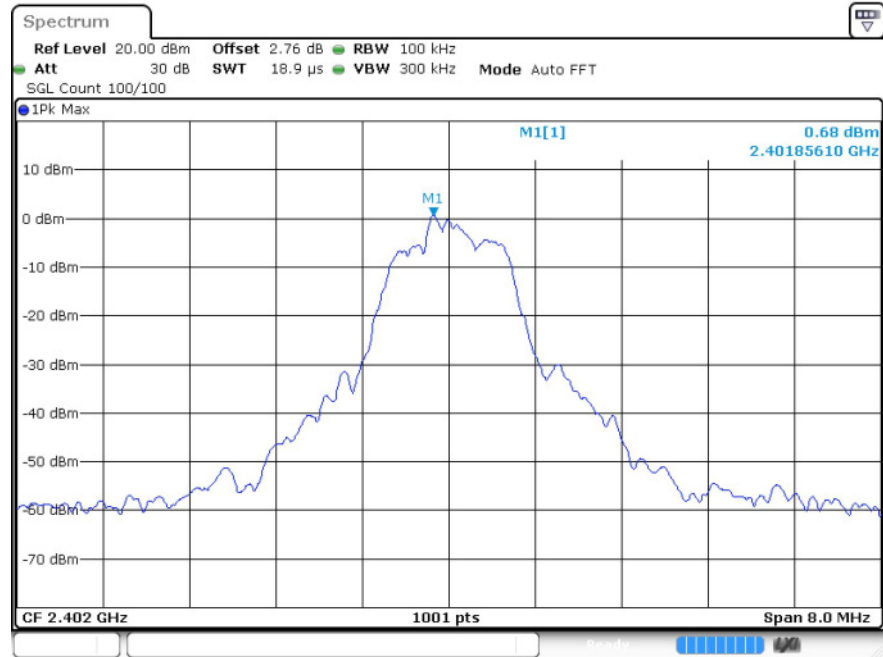
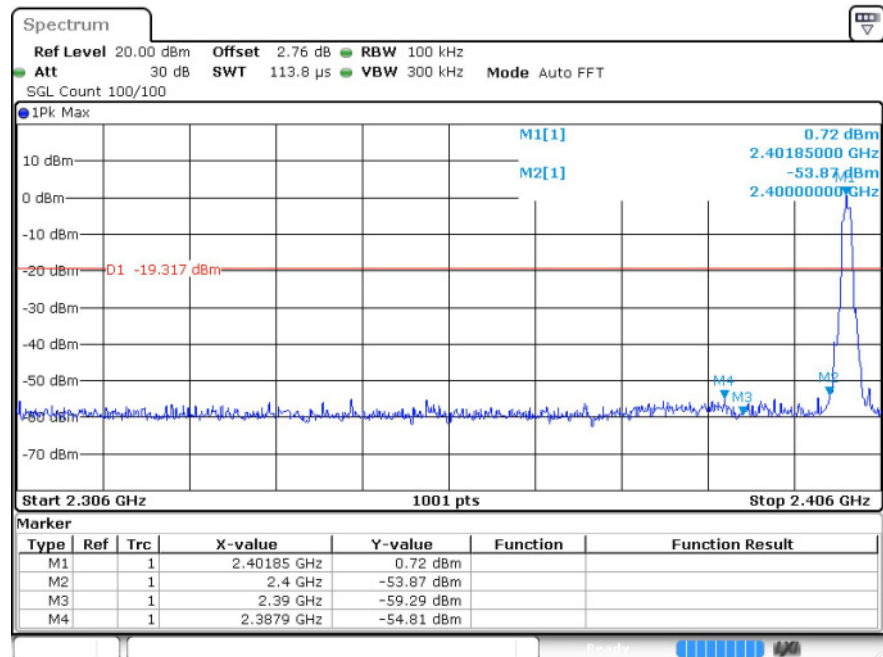
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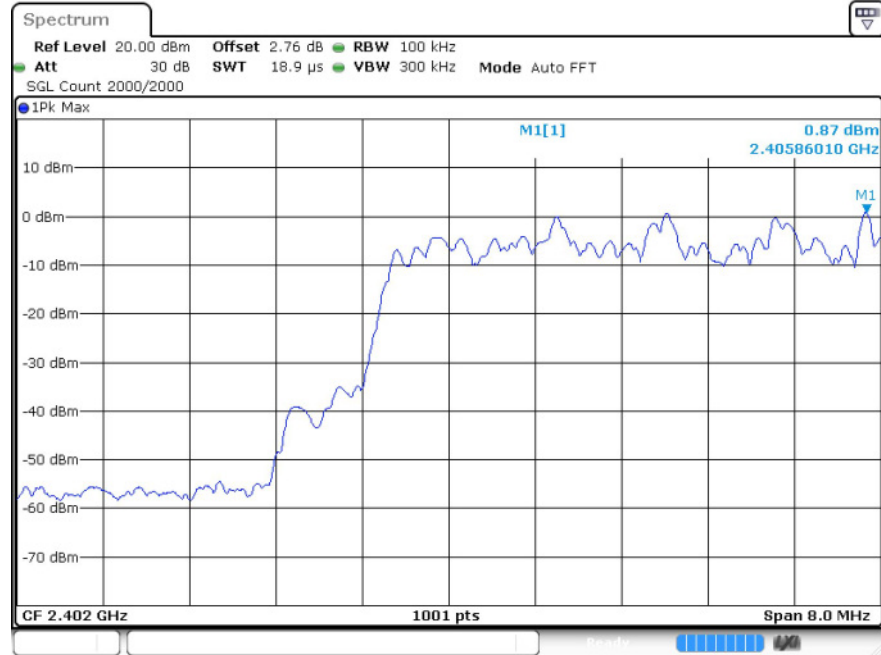
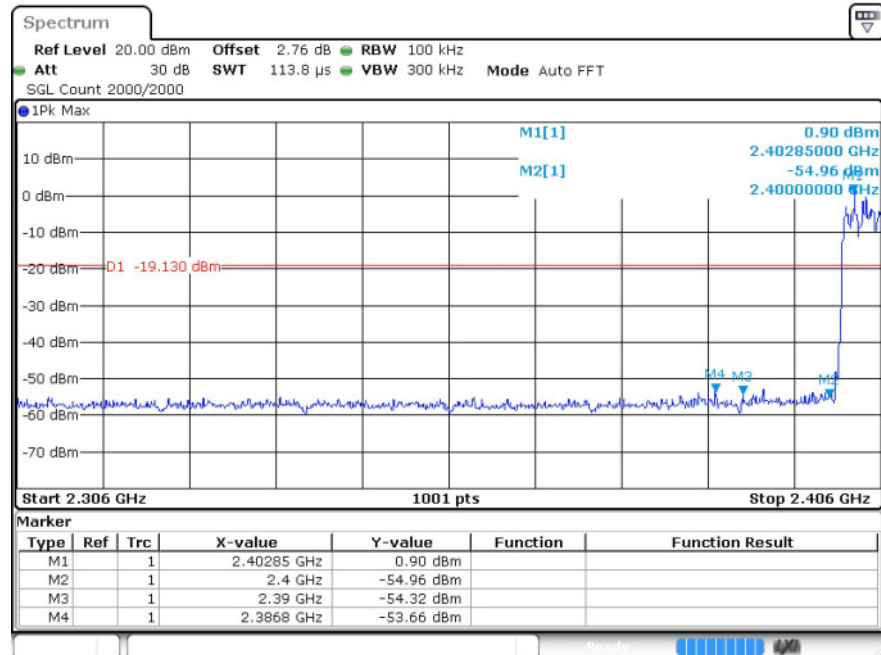
GFSK/HCH/Hop

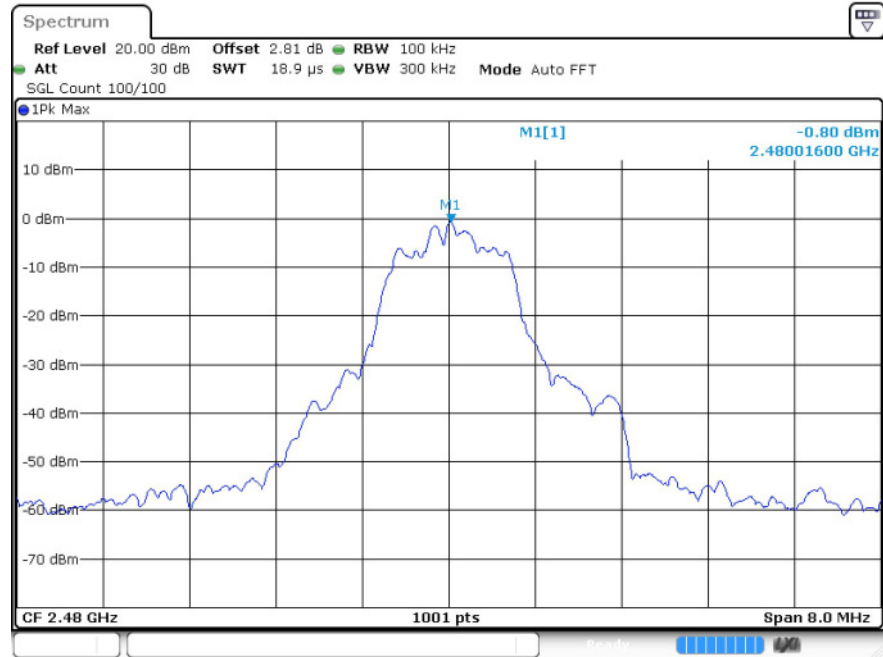


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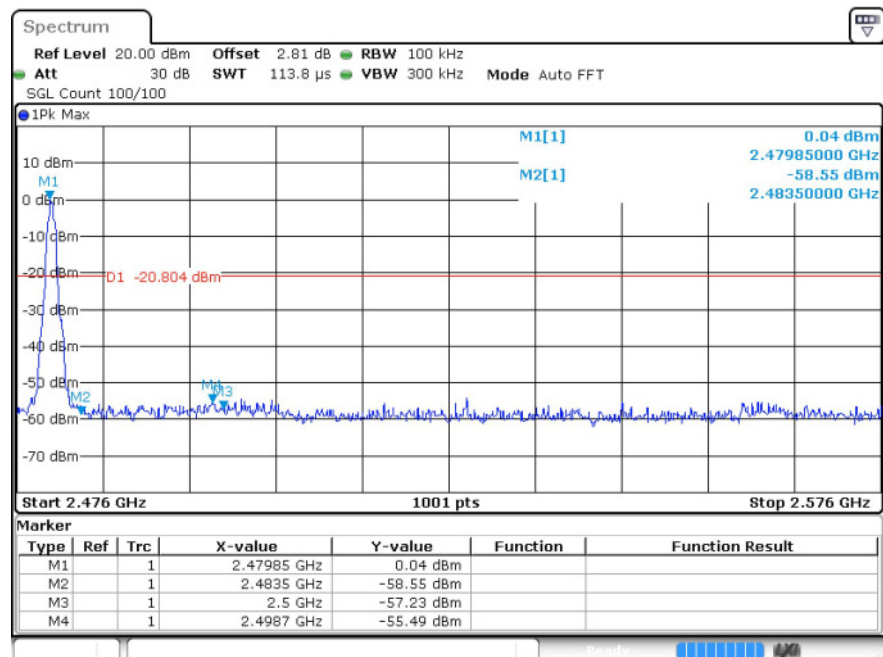

 $\pi/4$ DQPSK/LCH/No Hop


Ref

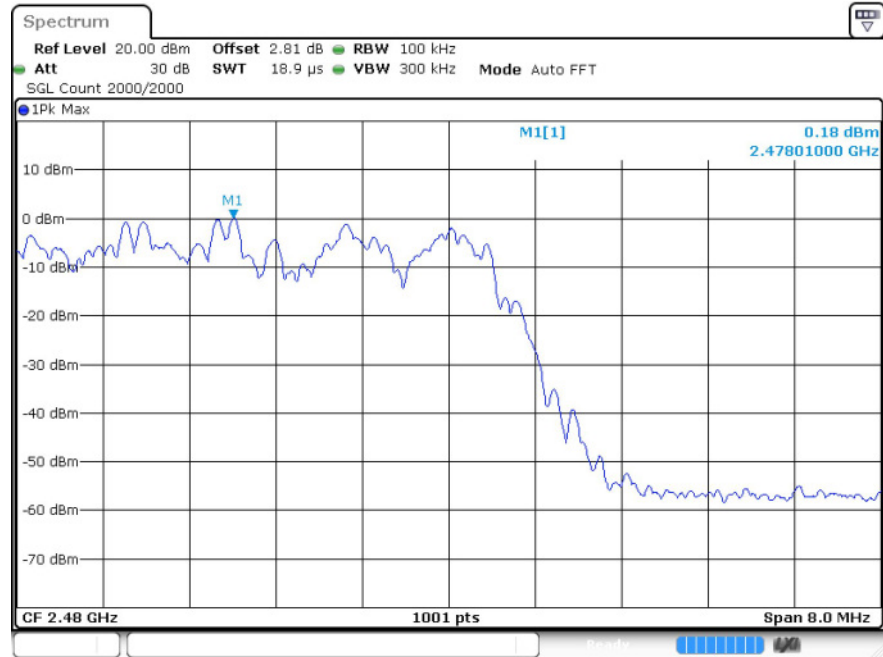
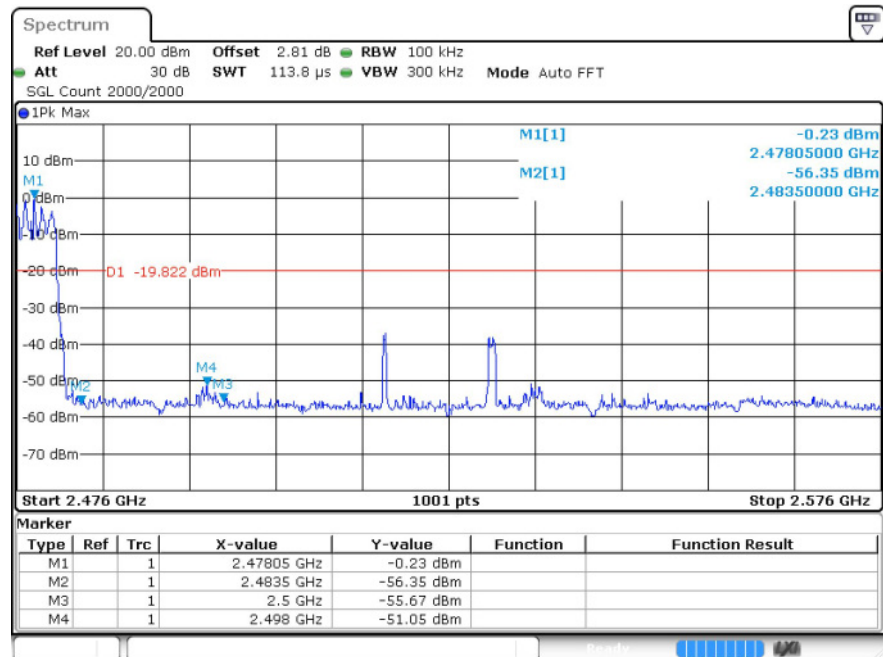

 $\pi/4$ DQPSK/LCH/Hop




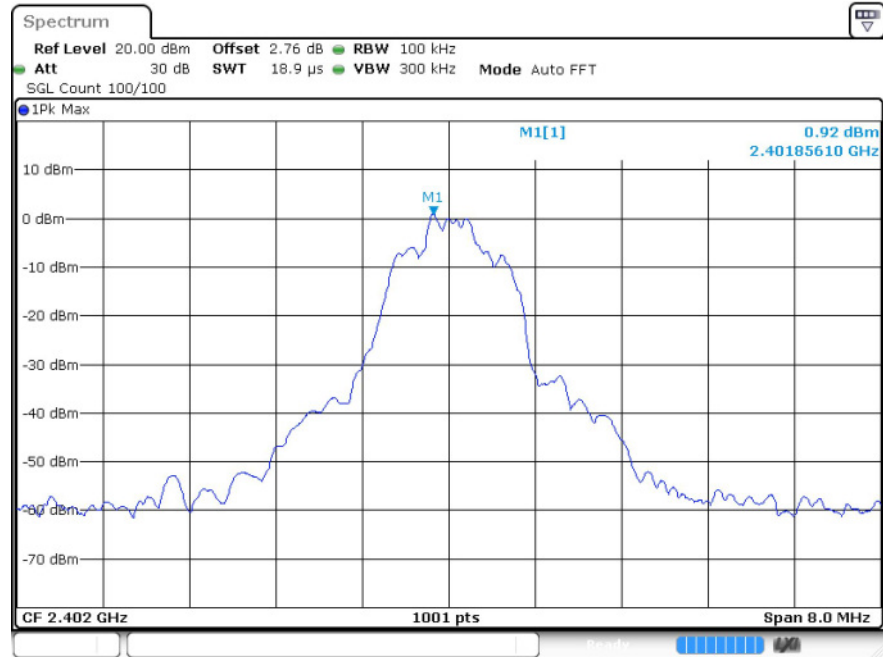
$\pi/4$ DQPSK/HCH/No
Hop



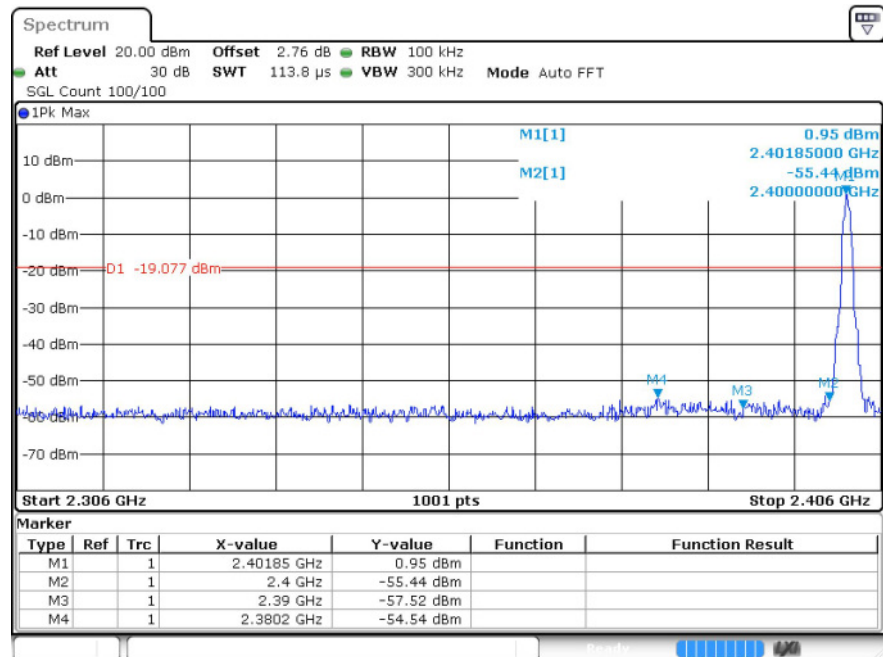
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 $\pi/4$ DQPSK/HCH/Hop


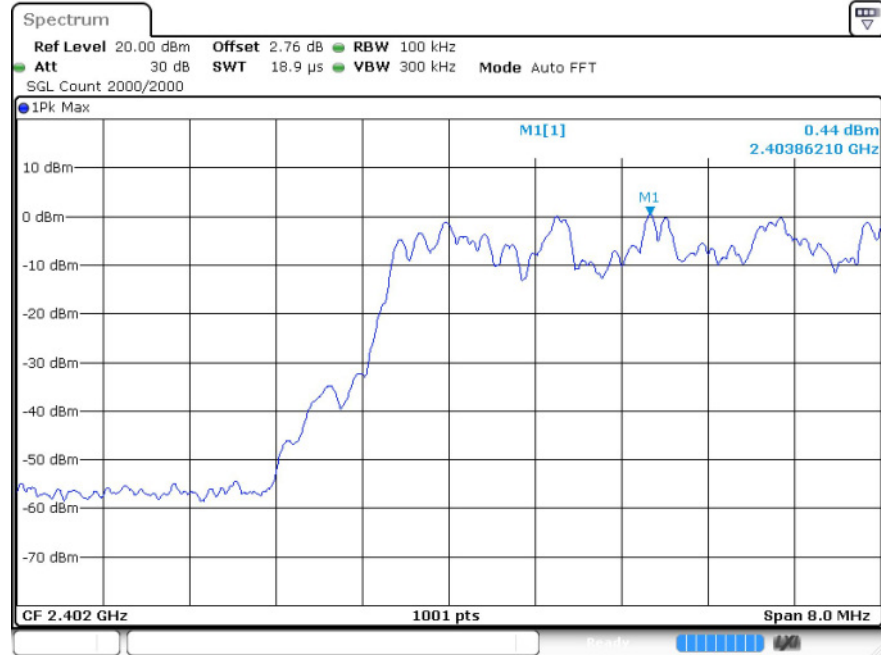
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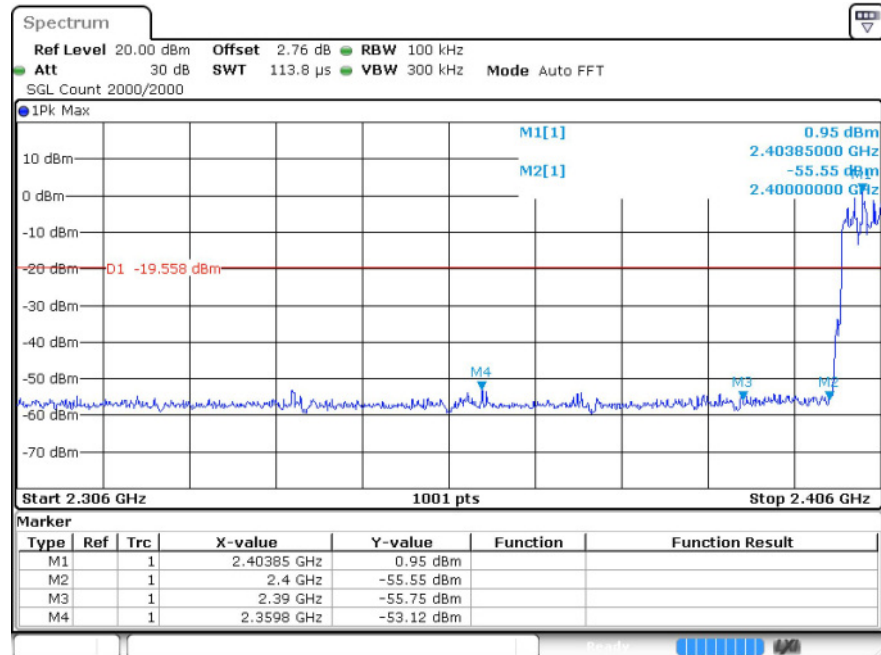
8DPSK/LCH/No Hop



Ref



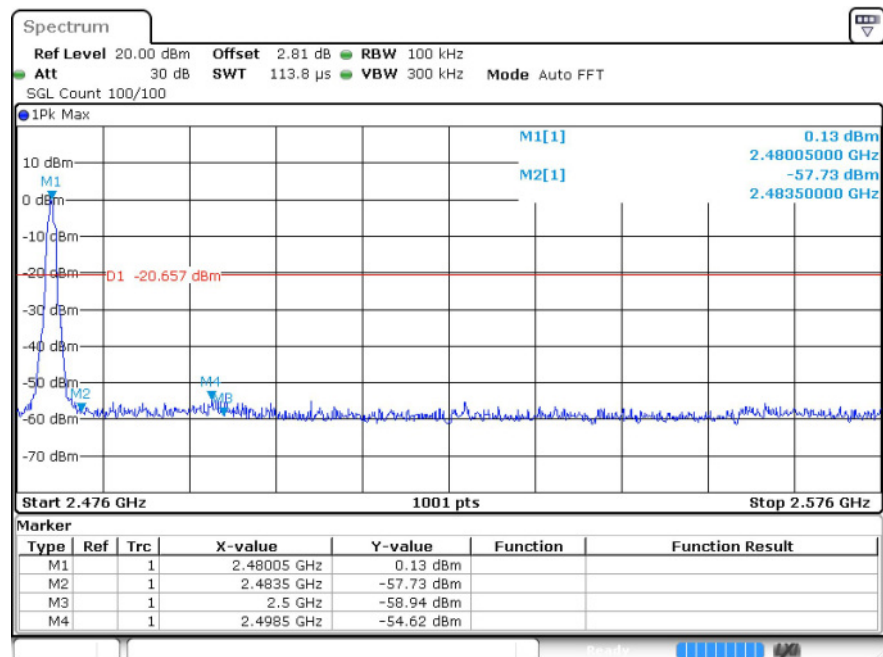
8DPSK/LCH/Hop



Ref



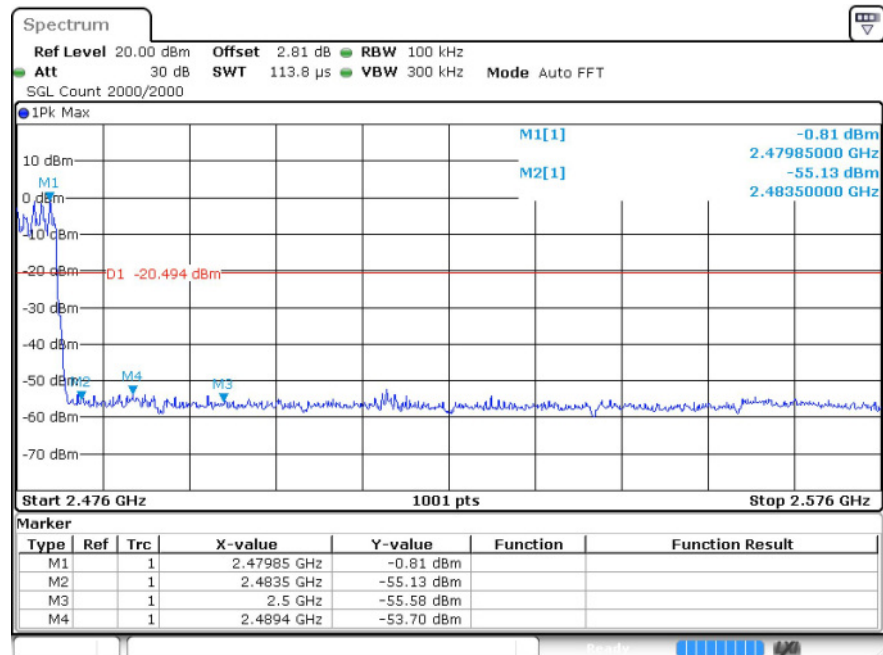
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

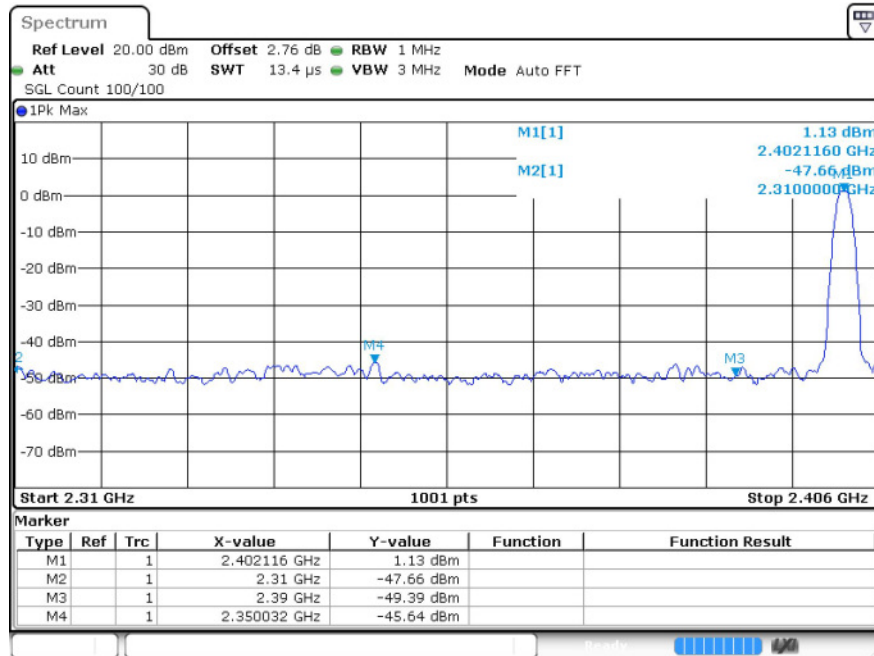
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-47.66	2	-	49.6	PEAK	74	Pass
	Off	2310.0	-55.92	2	5.06	46.4	AV	54	Pass
	Off	2350.032	-45.64	2	-	51.62	PEAK	74	Pass
	Off	2341.008	-54.11	2	5.06	48.21	AV	54	Pass
	Off	2390.0	-49.39	2	-	47.87	PEAK	74	Pass
	Off	2390.0	-55.99	2	5.06	46.33	AV	54	Pass
	Off	2483.5	-47.93	2	-	49.33	PEAK	74	Pass
	Off	2483.5	-56.06	2	5.06	46.26	AV	54	Pass
	Off	2498.656	-44.73	2	-	52.53	PEAK	74	Pass
	Off	2495.944	-54.73	2	5.06	47.59	AV	54	Pass
	Off	2500.0	-45.35	2	-	51.91	PEAK	74	Pass
	Off	2500.0	-56.34	2	5.06	45.98	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-51.28	2	-	45.98	PEAK	74	Pass
	Off	2310.0	-56.23	2	4.95	45.98	AV	54	Pass
	Off	2383.536	-45.15	2	-	52.11	PEAK	74	Pass
	Off	2387.76	-54.7	2	4.95	47.51	AV	54	Pass
	Off	2390.0	-48.28	2	-	48.98	PEAK	74	Pass
	Off	2390.0	-55.24	2	4.95	46.97	AV	54	Pass
	Off	2483.5	-49.04	2	-	48.22	PEAK	74	Pass
	Off	2483.5	-56.14	2	4.95	46.07	AV	54	Pass
	Off	2492.944	-46.36	2	-	50.9	PEAK	74	Pass
	Off	2496.328	-54.92	2	4.95	47.29	AV	54	Pass
	Off	2500.0	-47.21	2	-	50.05	PEAK	74	Pass
	Off	2500.0	-55.1	2	4.95	47.11	AV	54	Pass
8DPSK	Off	2310.0	-50.59	2	-	46.67	PEAK	74	Pass
	Off	2310.0	-55.83	2	4.95	46.38	AV	54	Pass
	Off	2383.44	-45.19	2	-	52.07	PEAK	74	Pass
	Off	2338.512	-54.85	2	4.95	47.36	AV	54	Pass



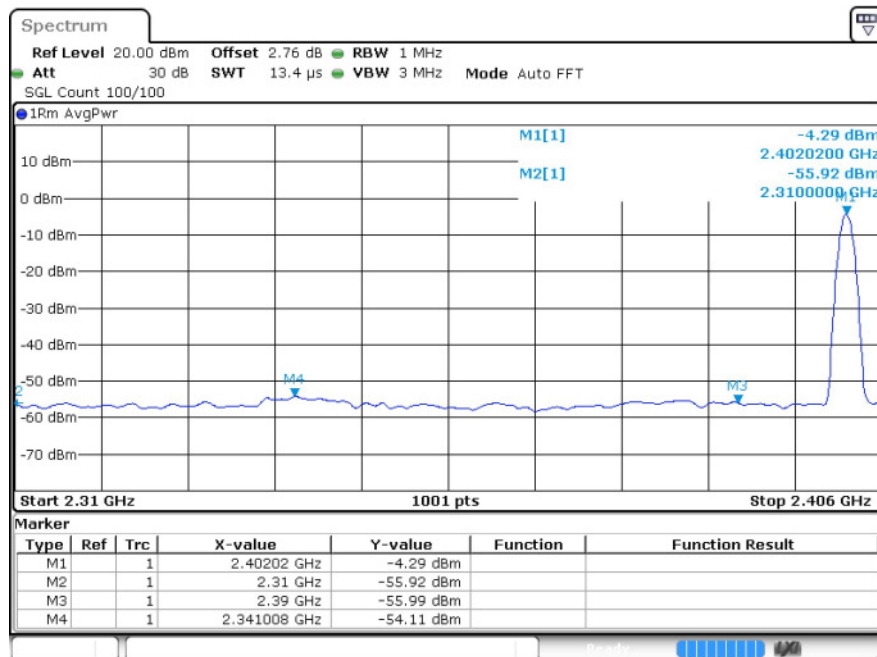
Off	2390.0	-49.03	2	-	48.23	PEAK	74	Pass
Off	2390.0	-55.79	2	4.95	46.42	AV	54	Pass
Off	2483.5	-48.35	2	-	48.91	PEAK	74	Pass
Off	2483.5	-55.8	2	4.98	46.44	AV	54	Pass
Off	2484.328	-45.55	2	-	51.71	PEAK	74	Pass
Off	2498.656	-55.09	2	4.98	47.15	AV	54	Pass
Off	2500.0	-48.68	2	-	48.58	PEAK	74	Pass
Off	2500.0	-56.39	2	4.98	45.85	AV	54	Pass

9.2 Test Graphs

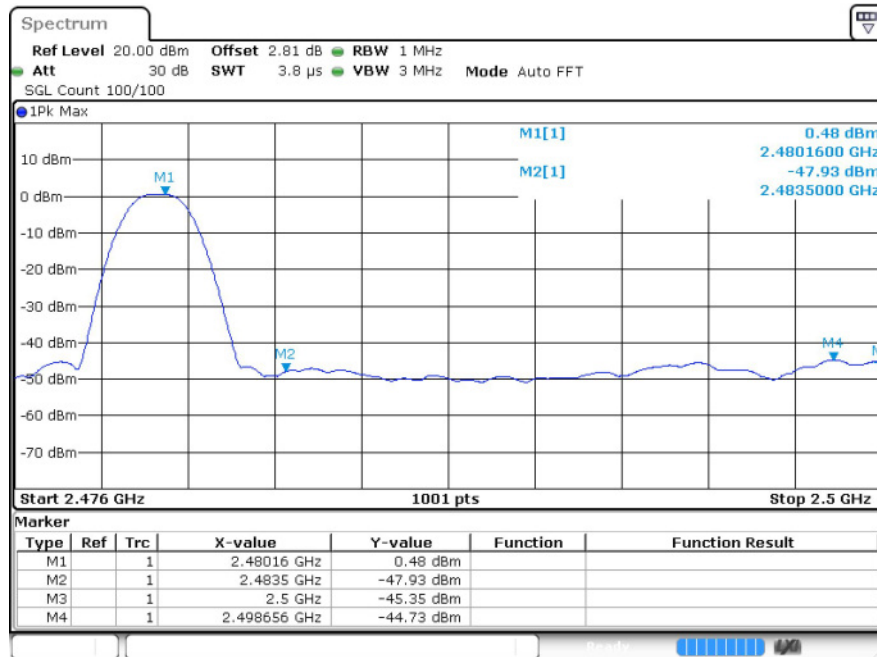
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



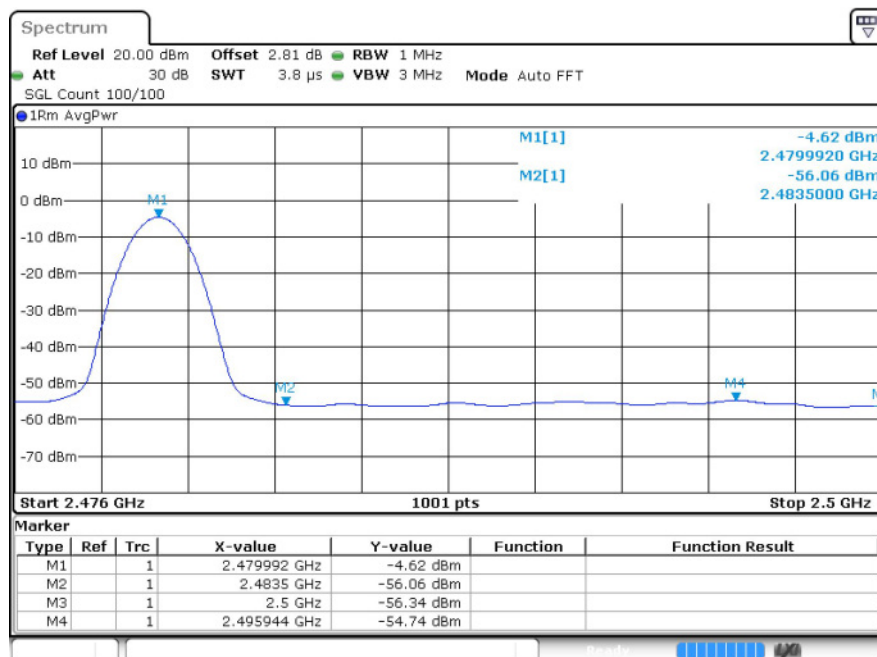
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



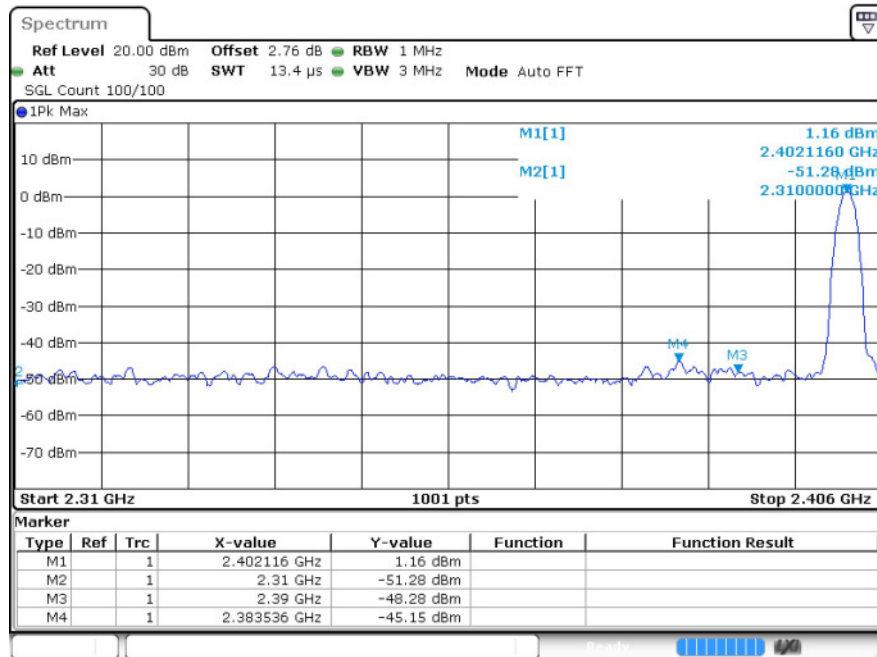
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



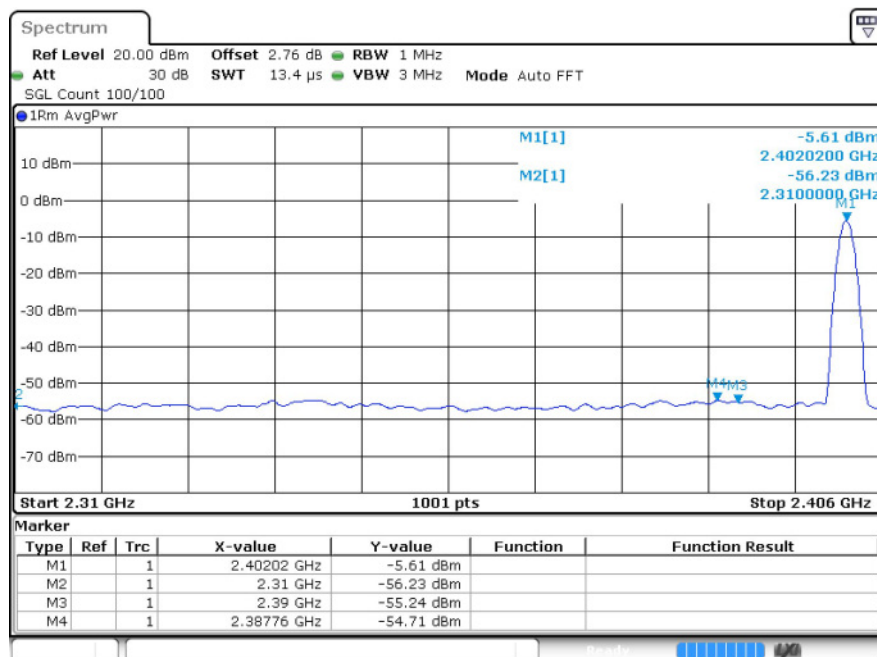
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



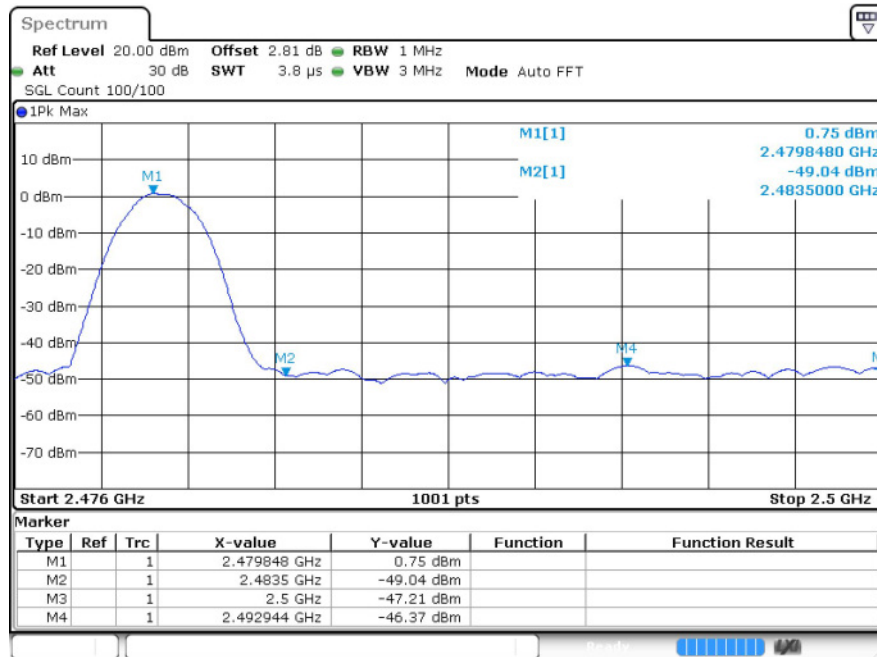
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



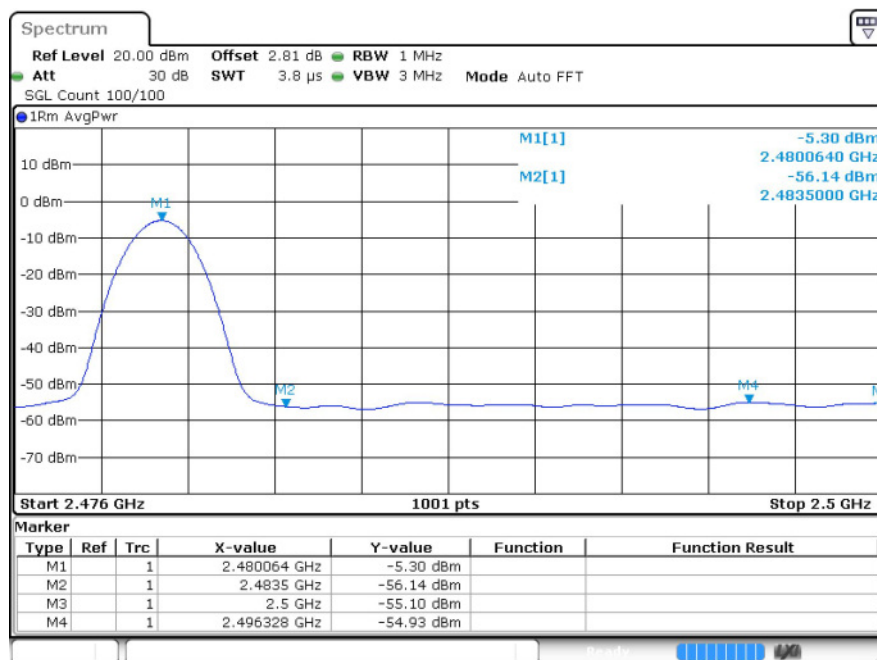
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



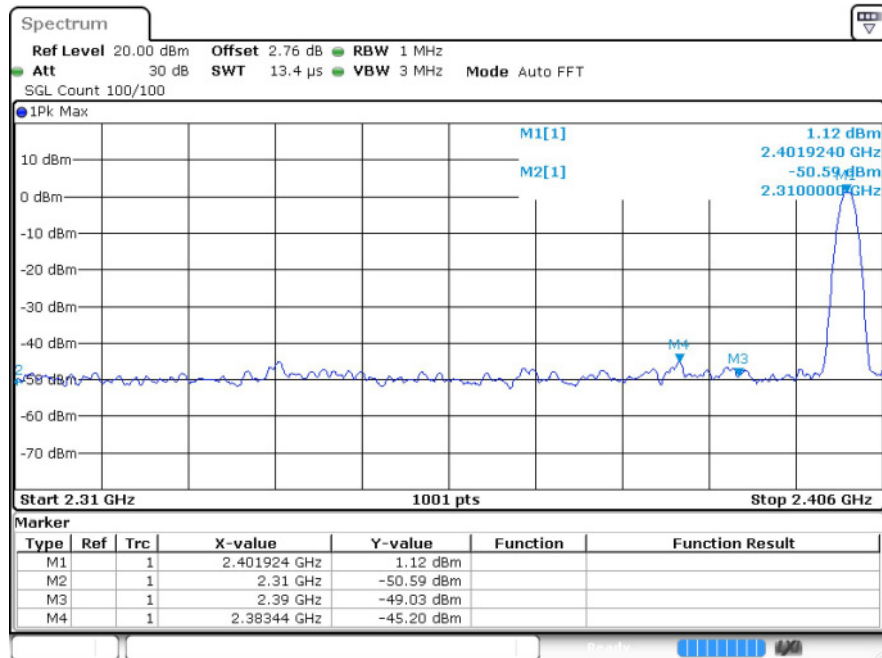
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



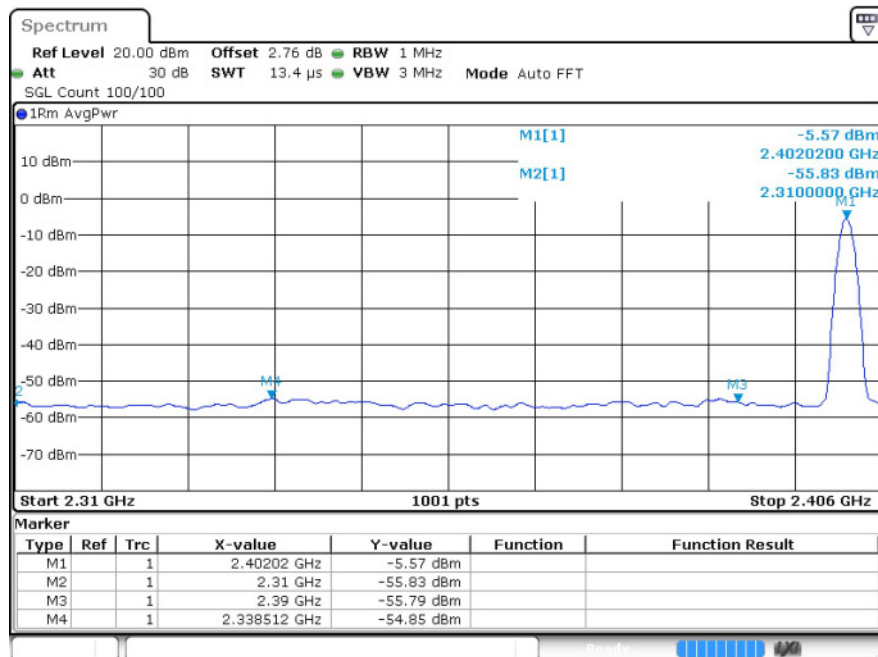
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



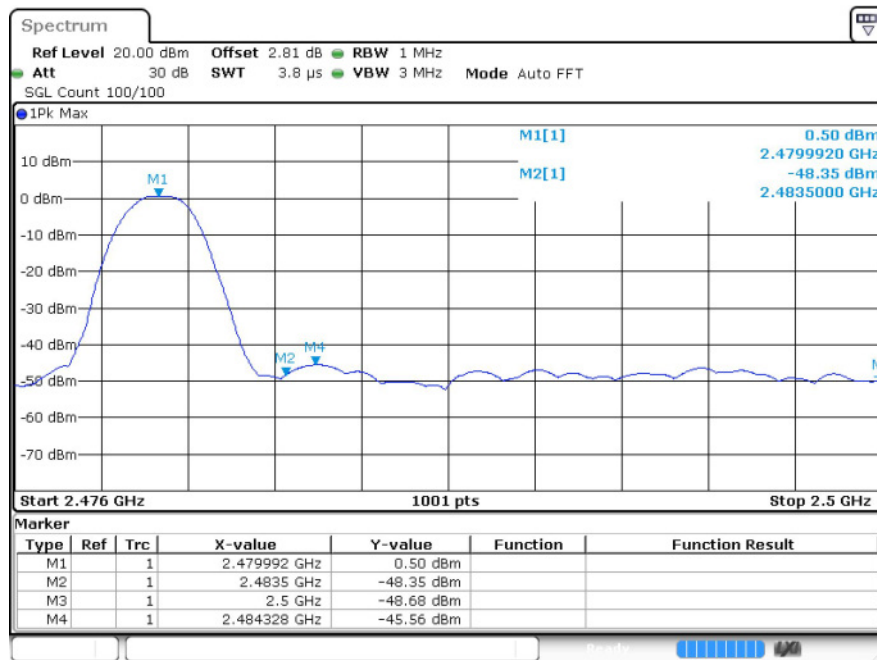
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



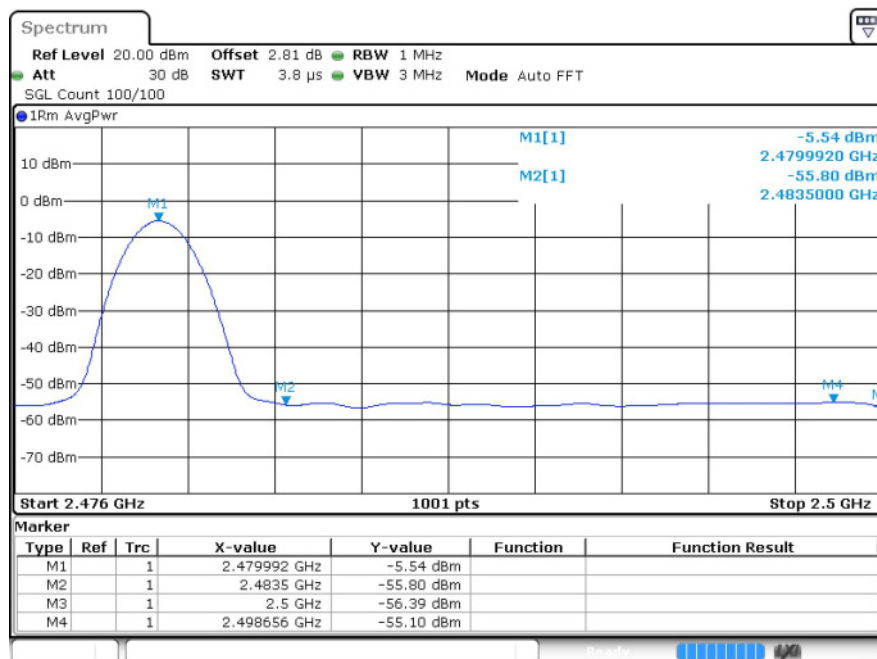
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---