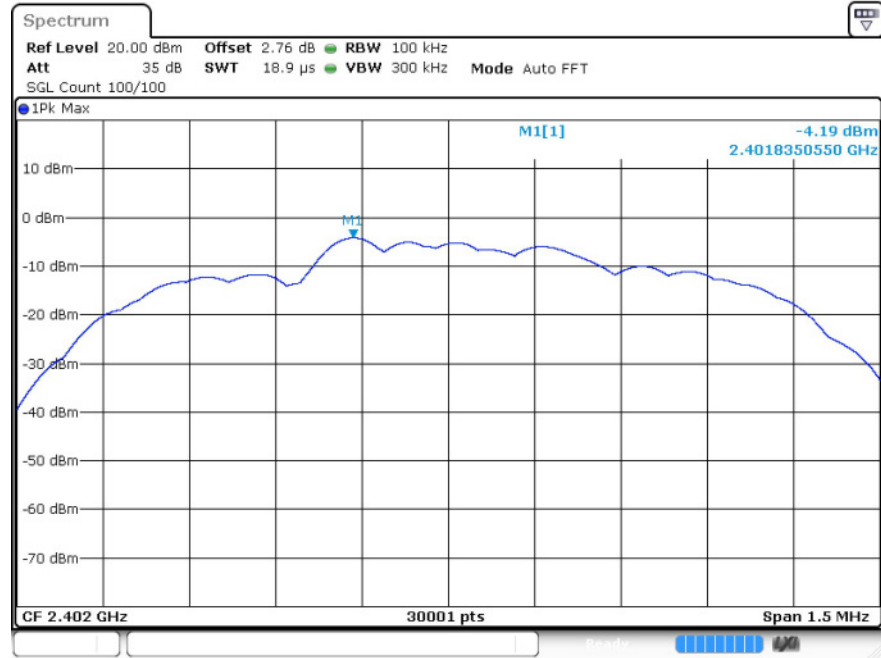
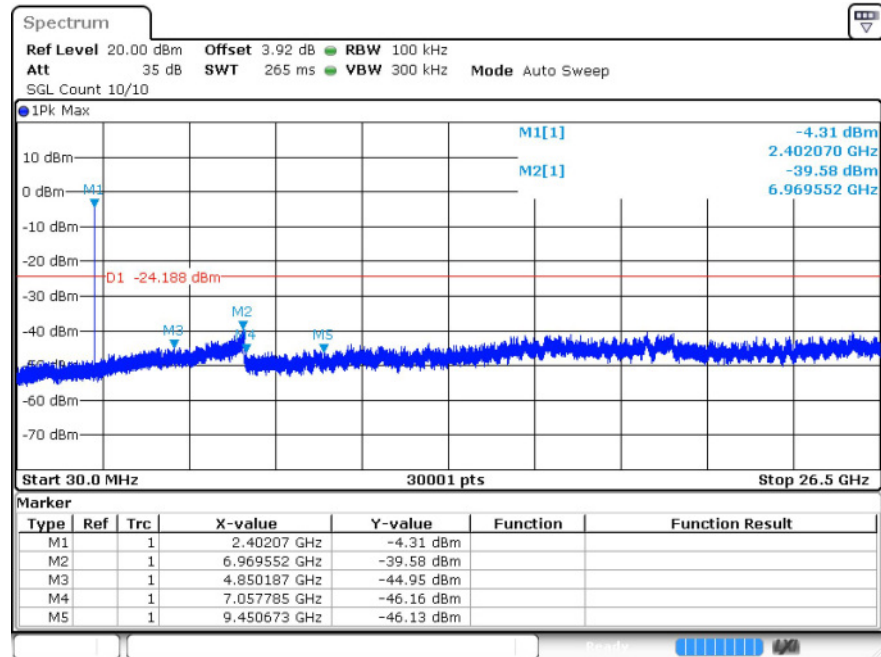


$\pi/4$ DQPSK_LCH_Graphs

Pref

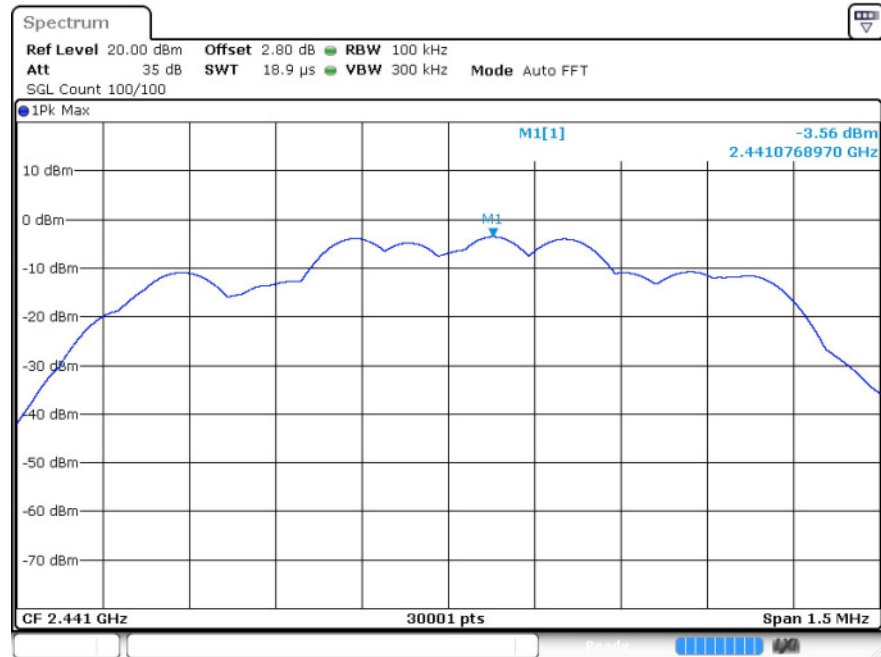


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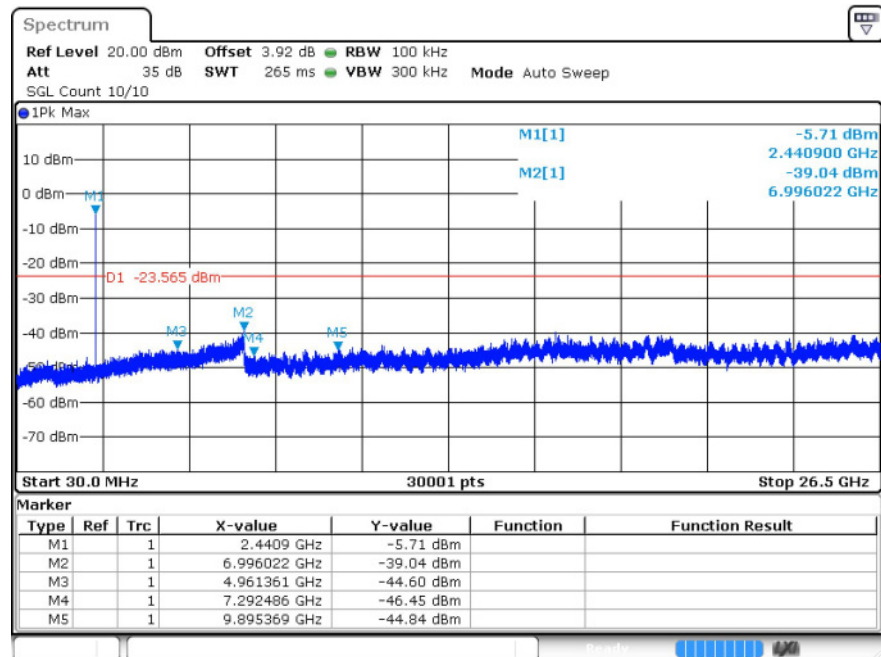


π /4DQPSK_MCH_Graphs

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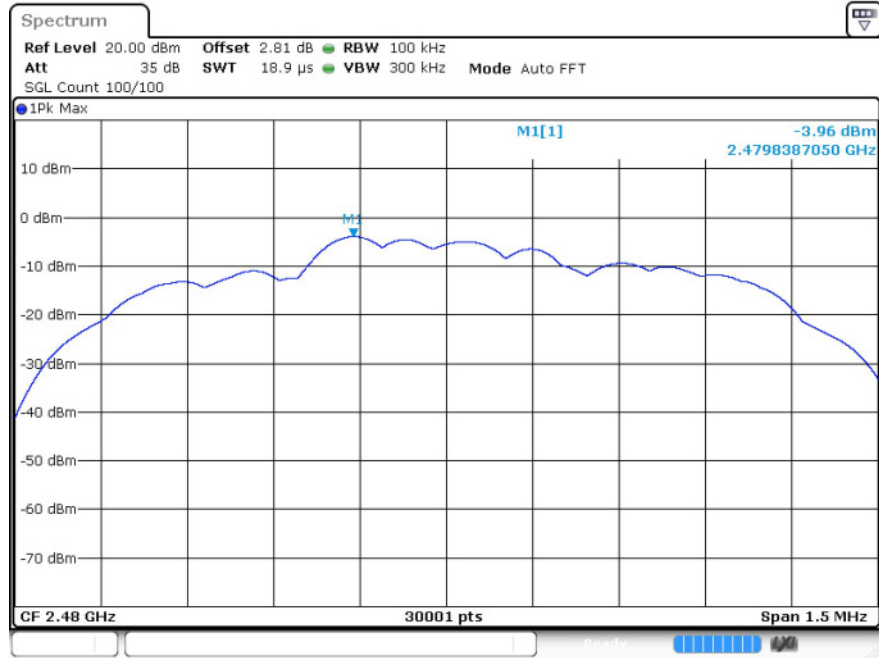


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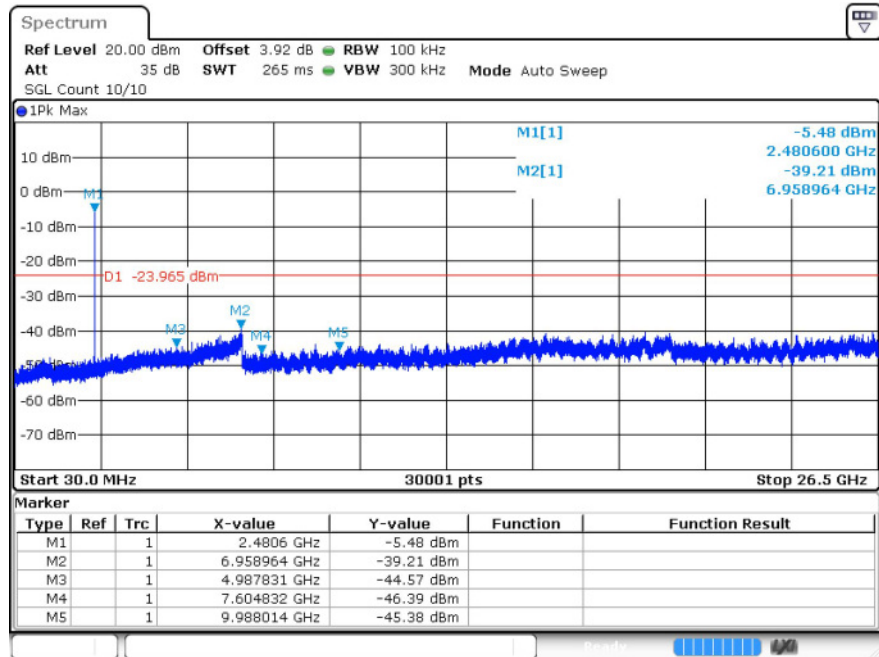


$\pi/4$ DQPSK_HCH_Graphs

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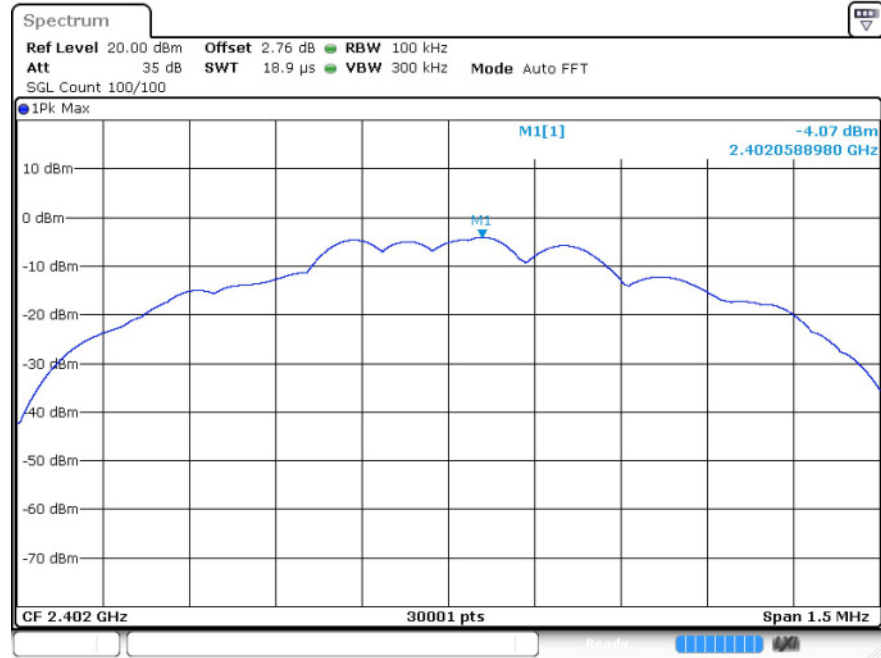


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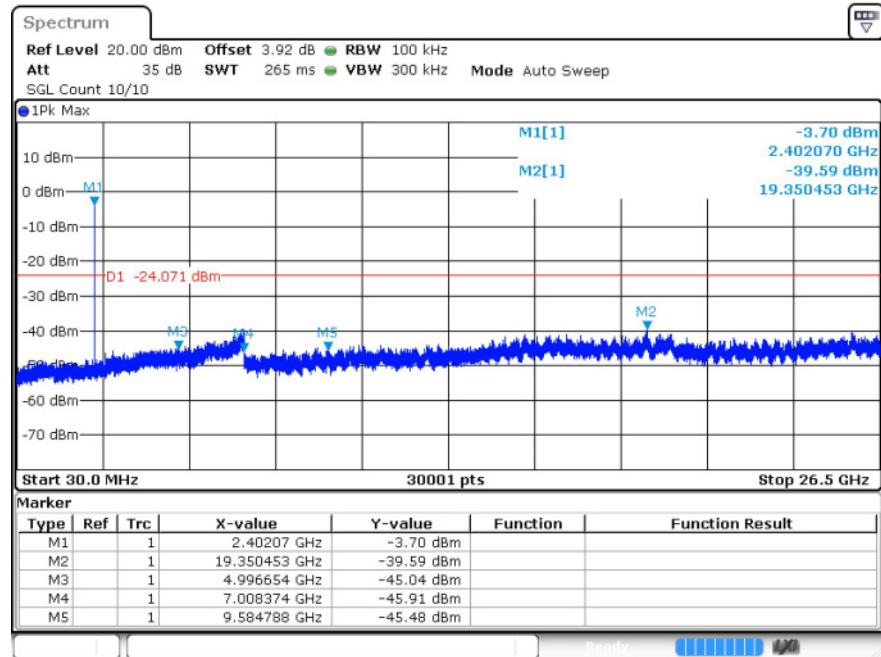


8DPSK_LCH_Graphs

Pref

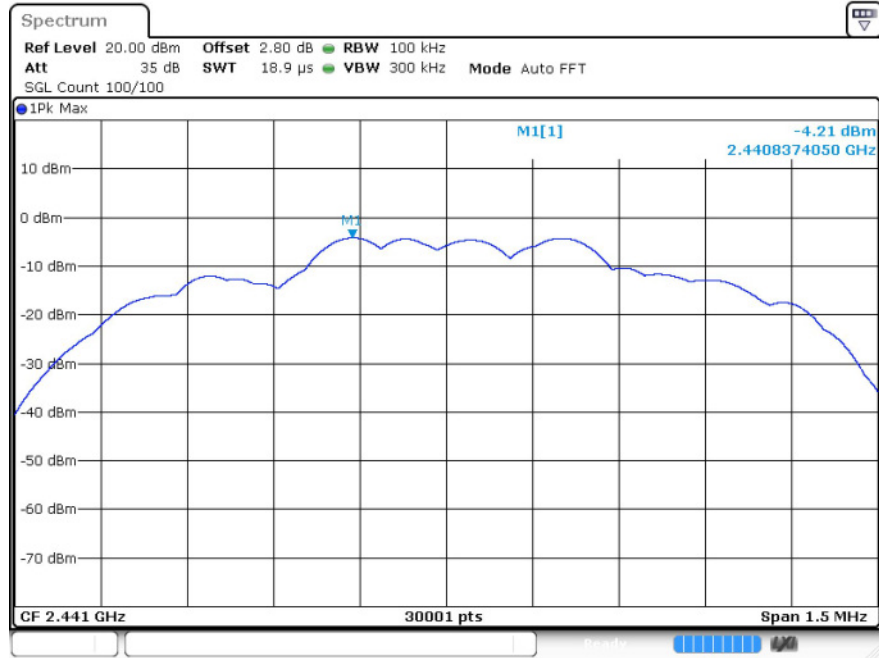


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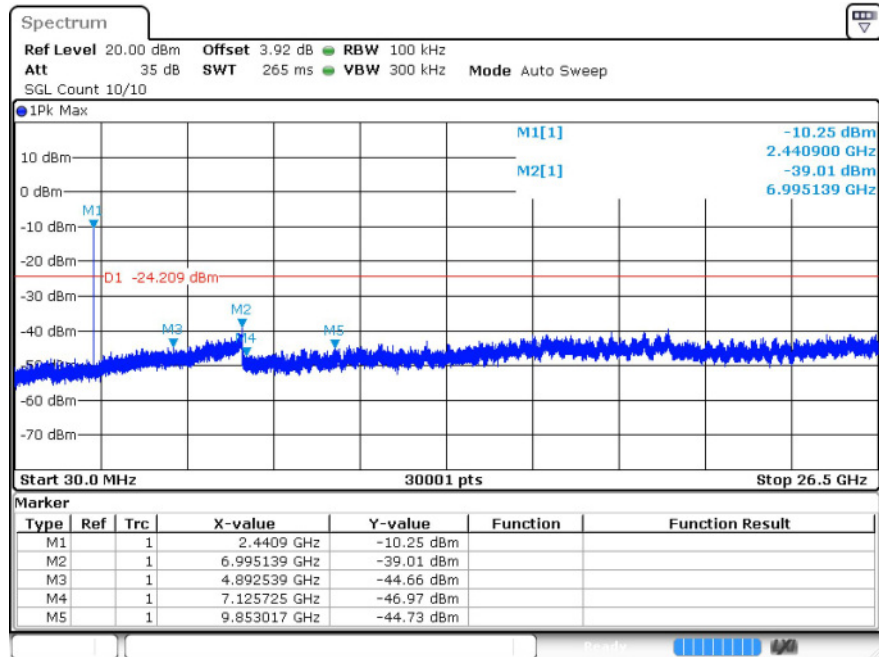


8DPSK_MCH_Graphs

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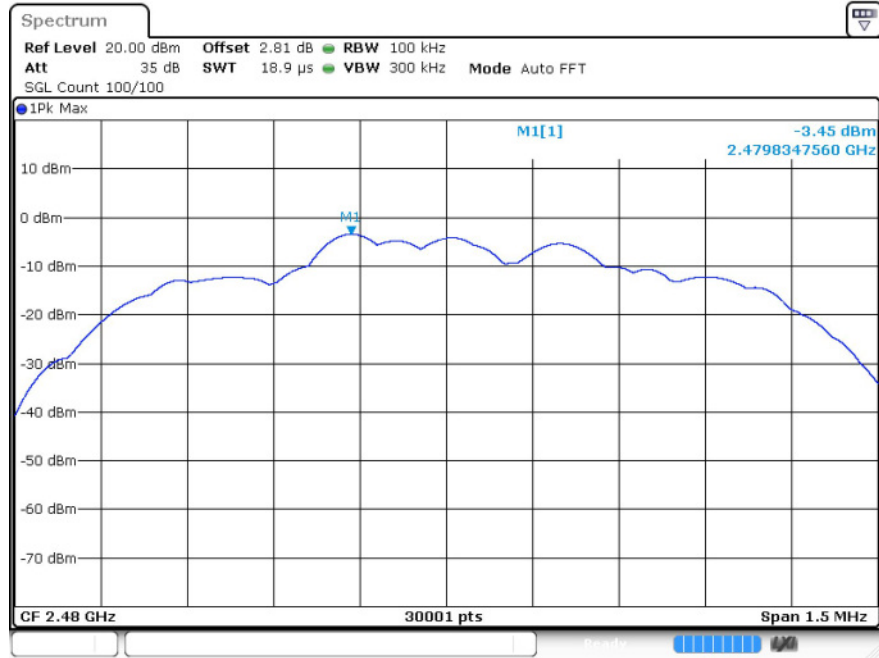


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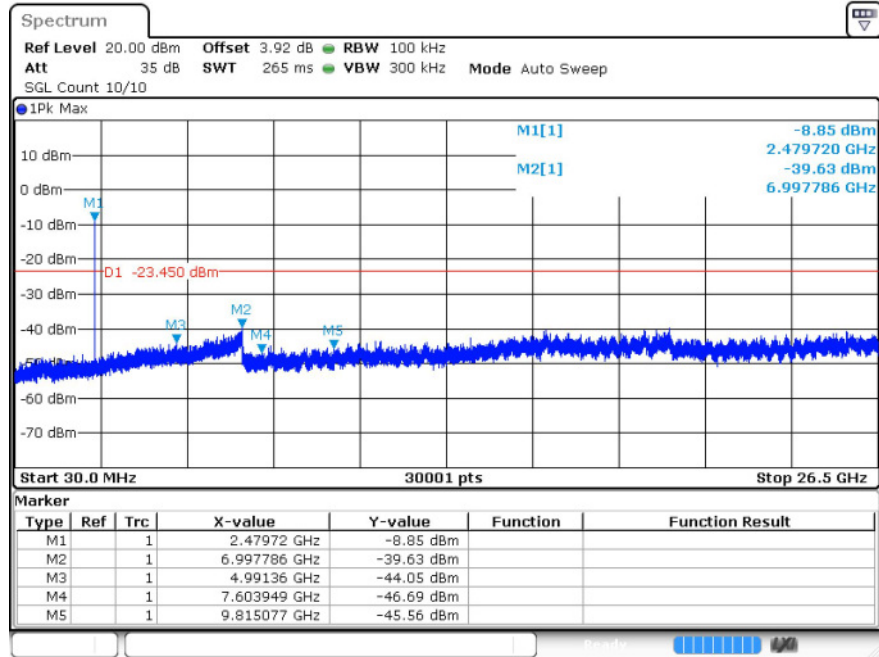


8DPSK_HCH_Graphs

Pref



Puw



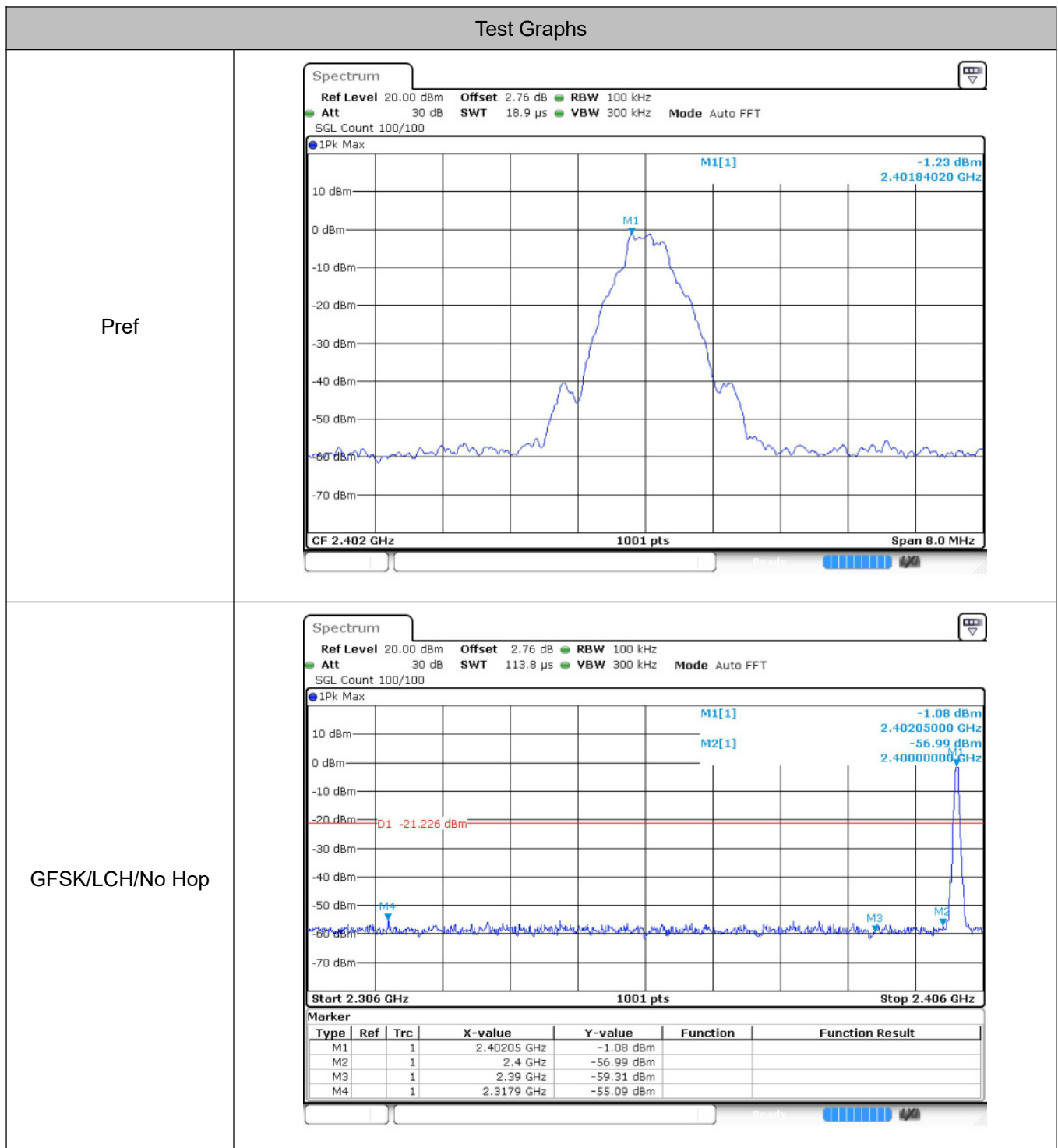
8 Band-edge for RF Conducted Emissions

8.1 Test Result

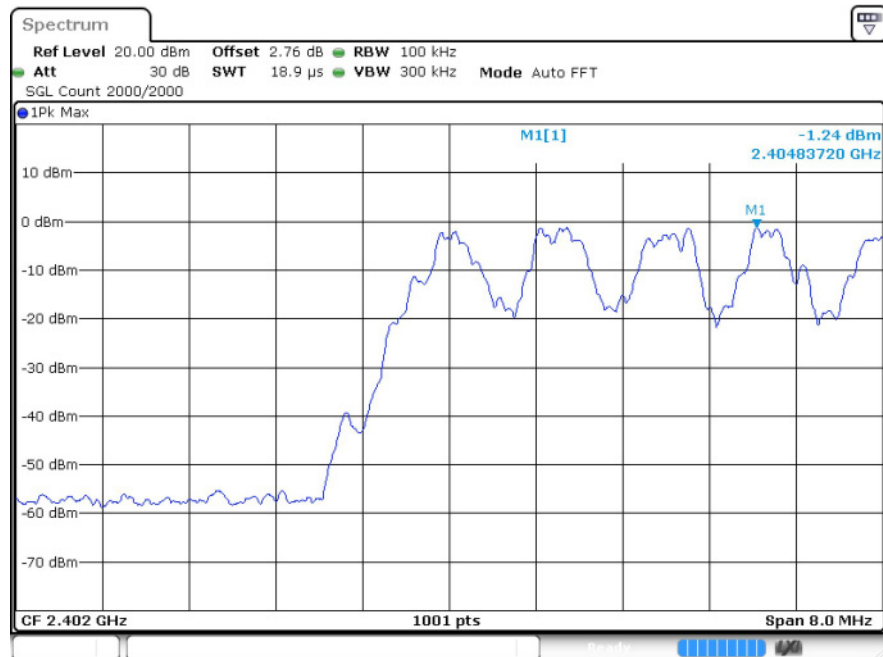
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-53.85	-20	Pass
			On	-53.01	-20	Pass
	HCH	2480	Off	-54.89	-20	Pass
			On	-54.71	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-51.87	-20	Pass
			On	-49.93	-20	Pass
	HCH	2480	Off	-51.48	-20	Pass
			On	-51.08	-20	Pass
8DPSK	LCH	2402	Off	-50.53	-20	Pass
			On	-50.48	-20	Pass
	HCH	2480	Off	-51.56	-20	Pass
			On	-50.44	-20	Pass

Note: Left and right ear have been tested and the only shows the worst case mode.

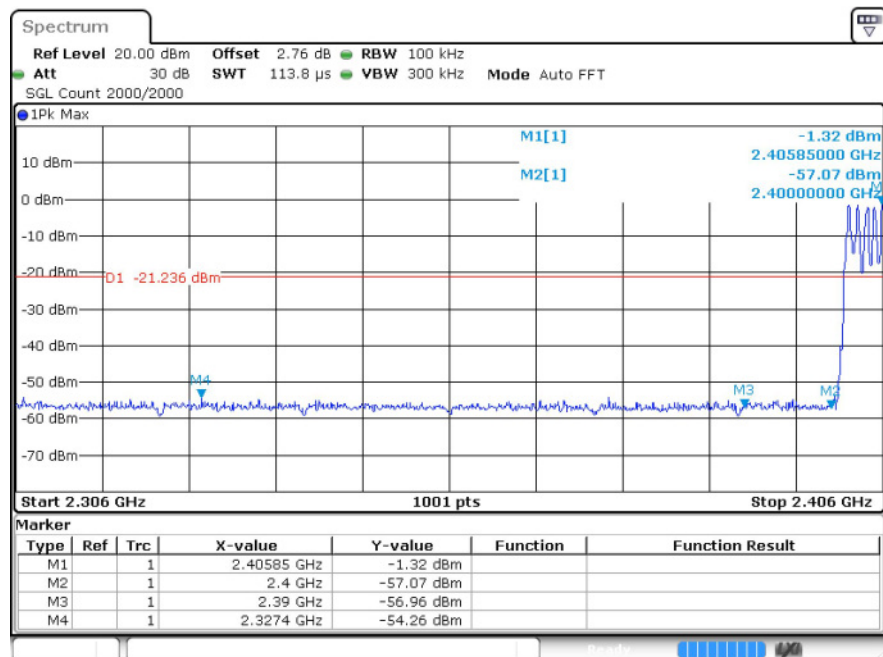
8.2 Test Graphs



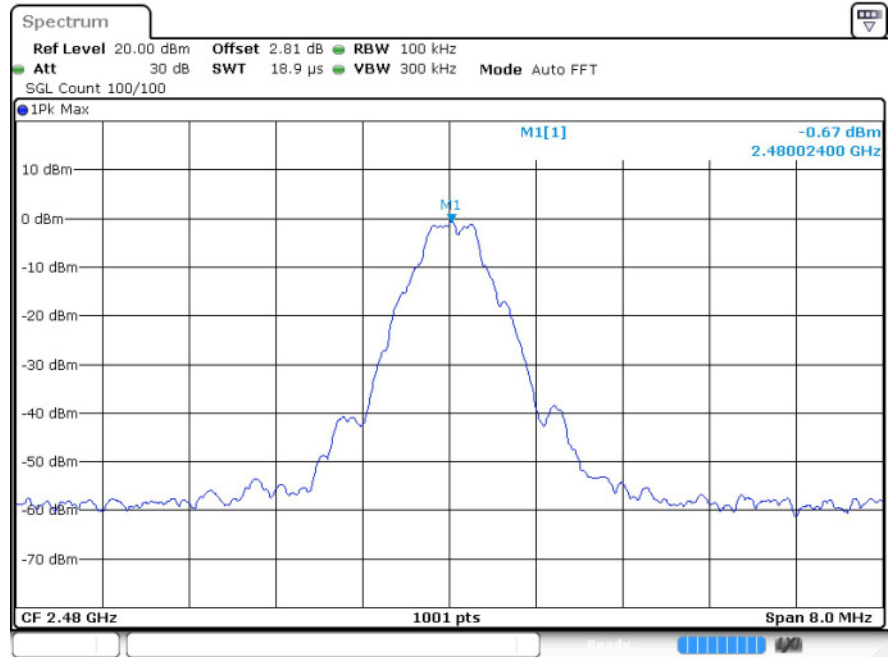
Ref



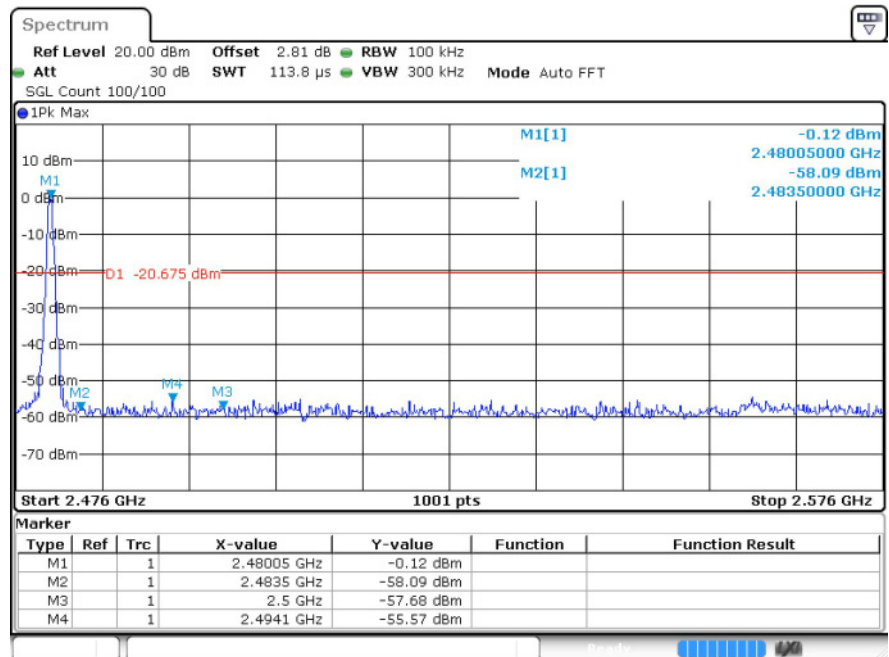
GFSK/LCH/Hop



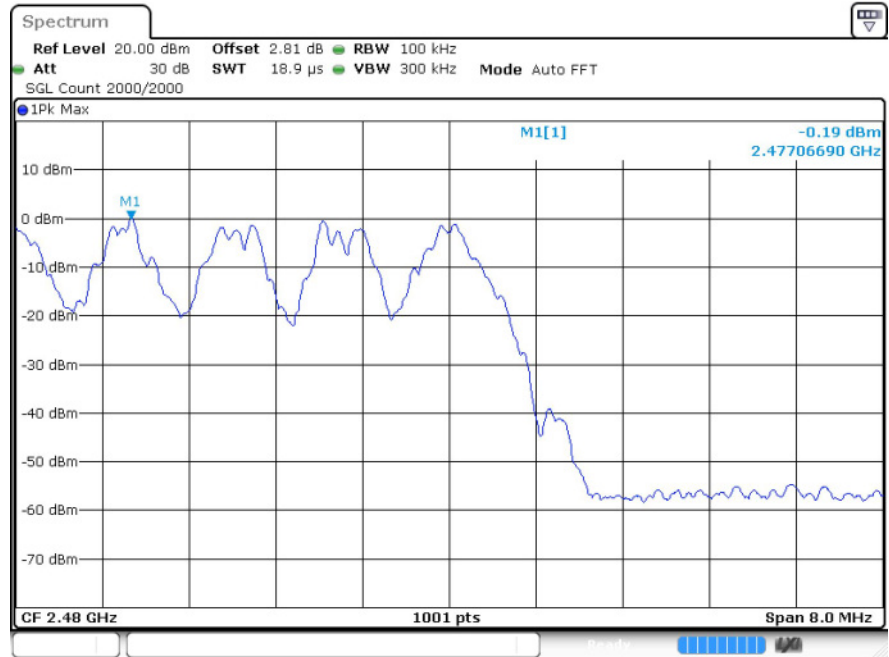
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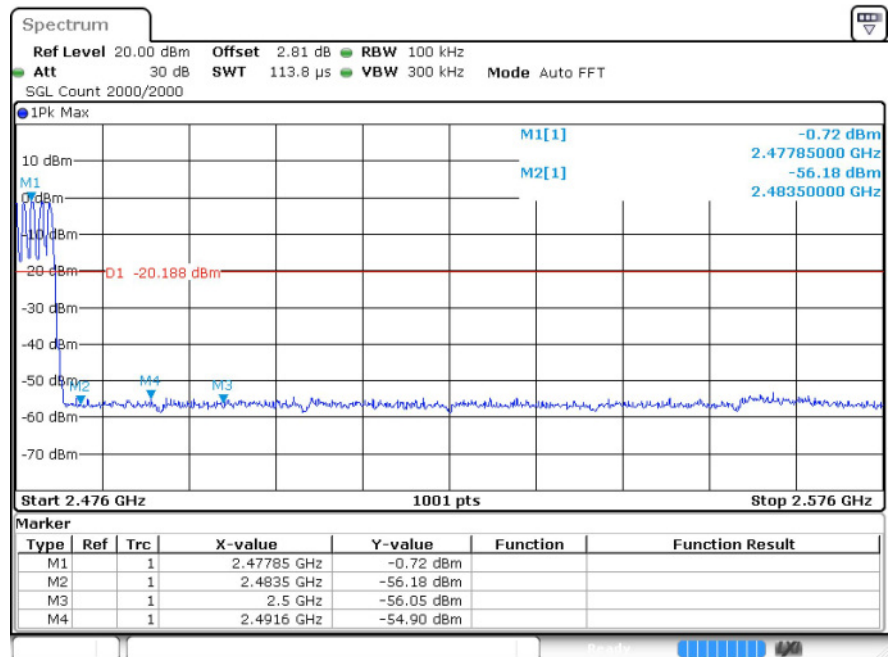
GFSK/HCH/No Hop



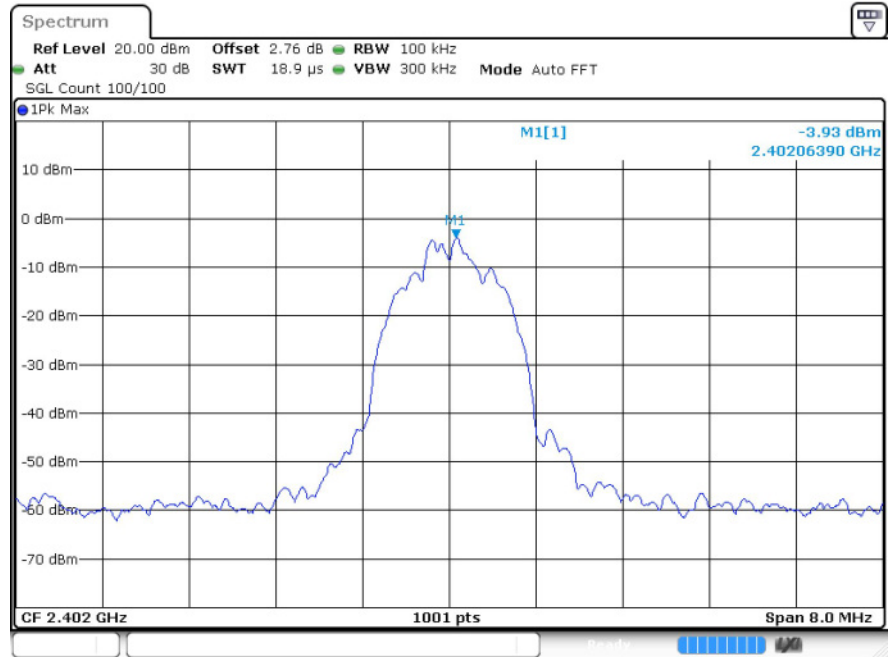
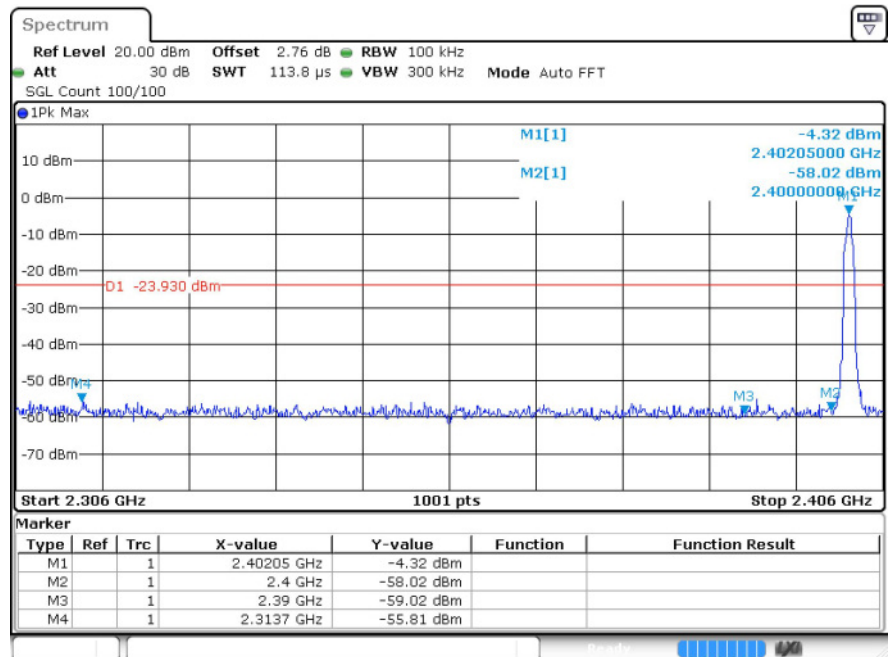
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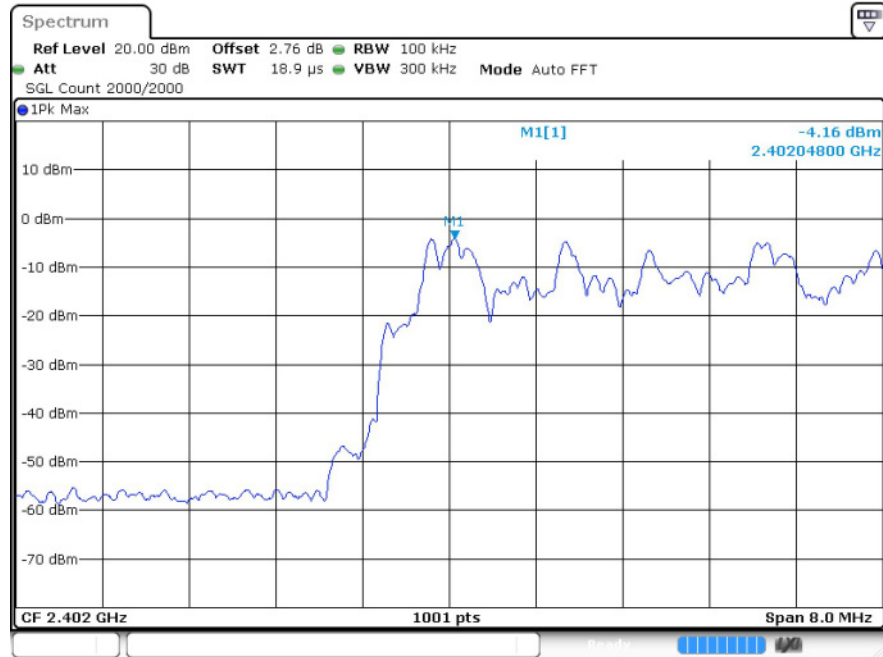
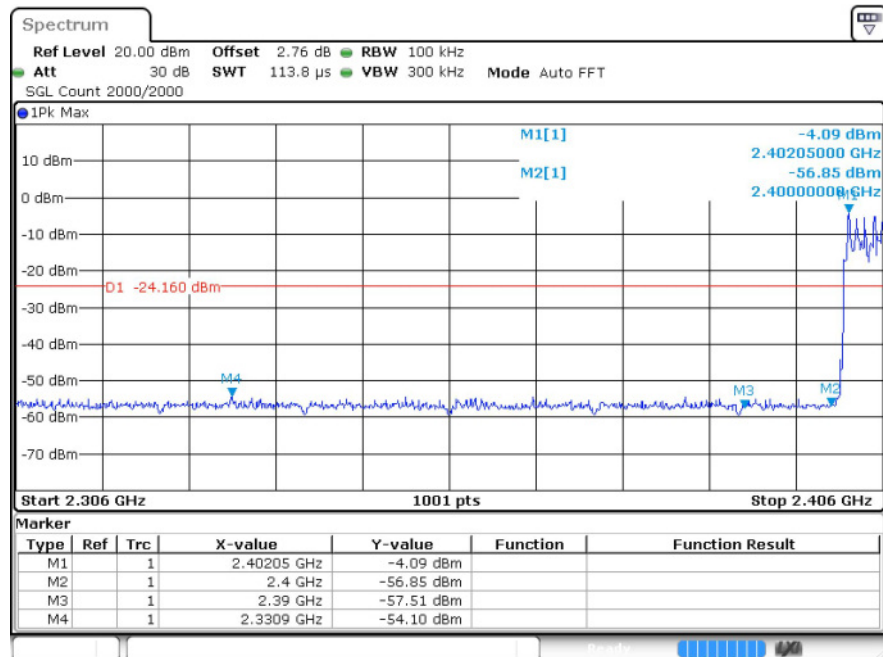
GFSK/HCH/Hop



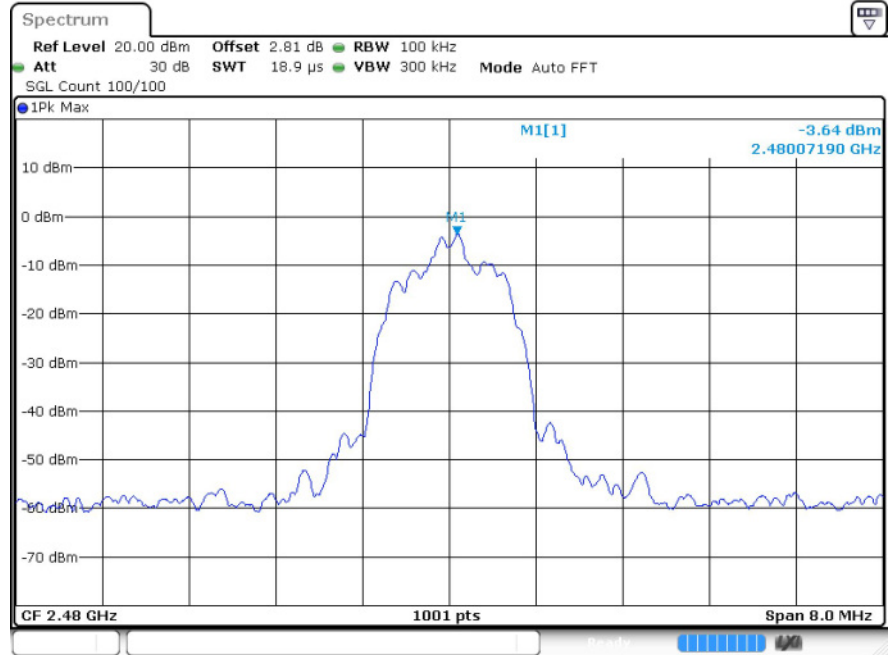
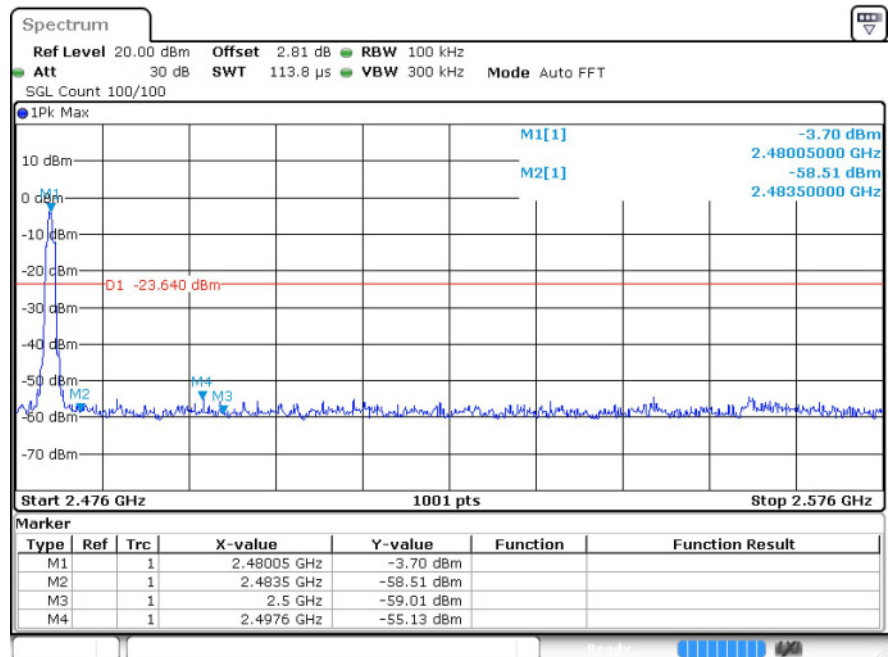
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 $\pi/4$ DQPSK/LCH/No
Hop


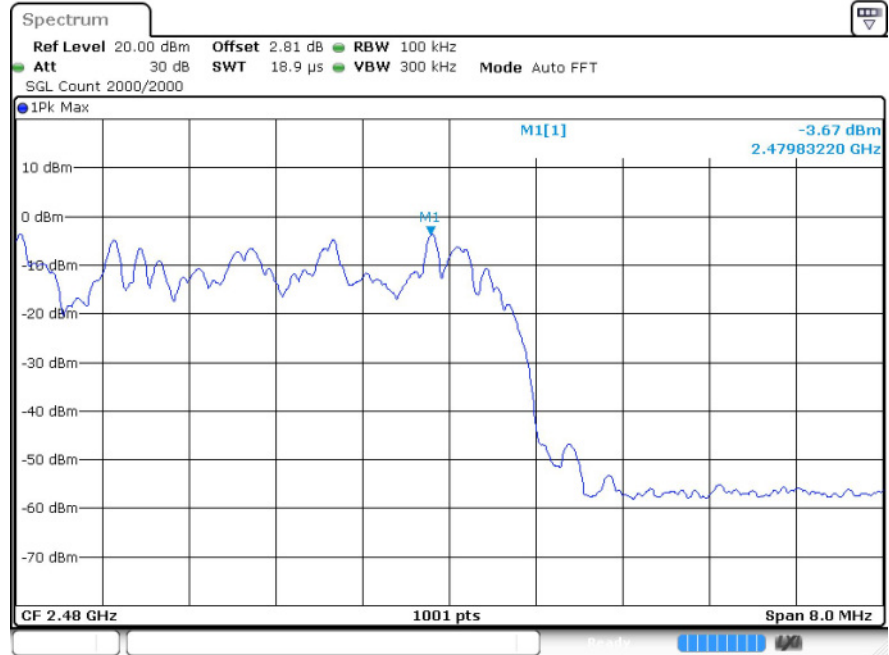
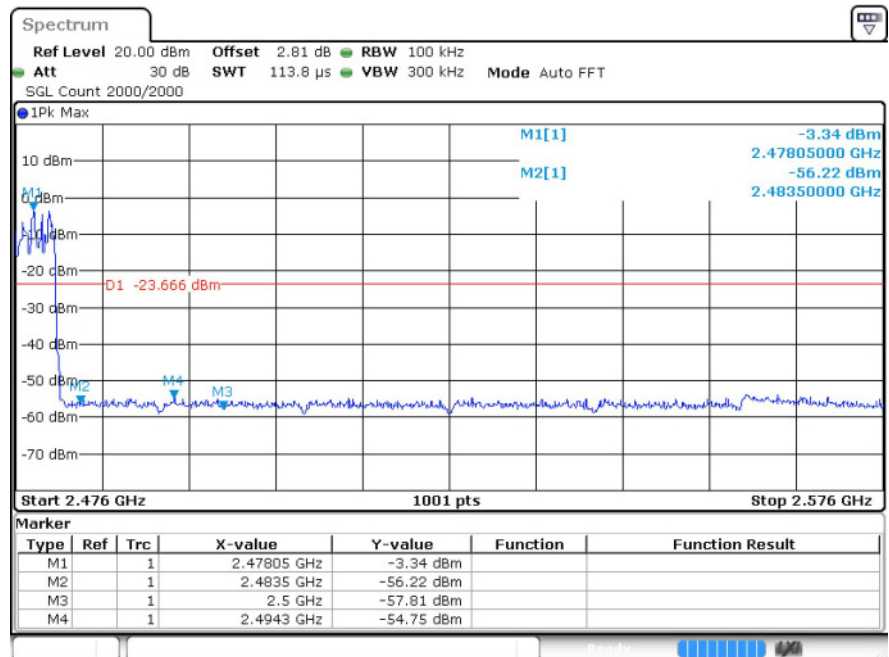
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 $\pi/4$ DQPSK/LCH/Hop


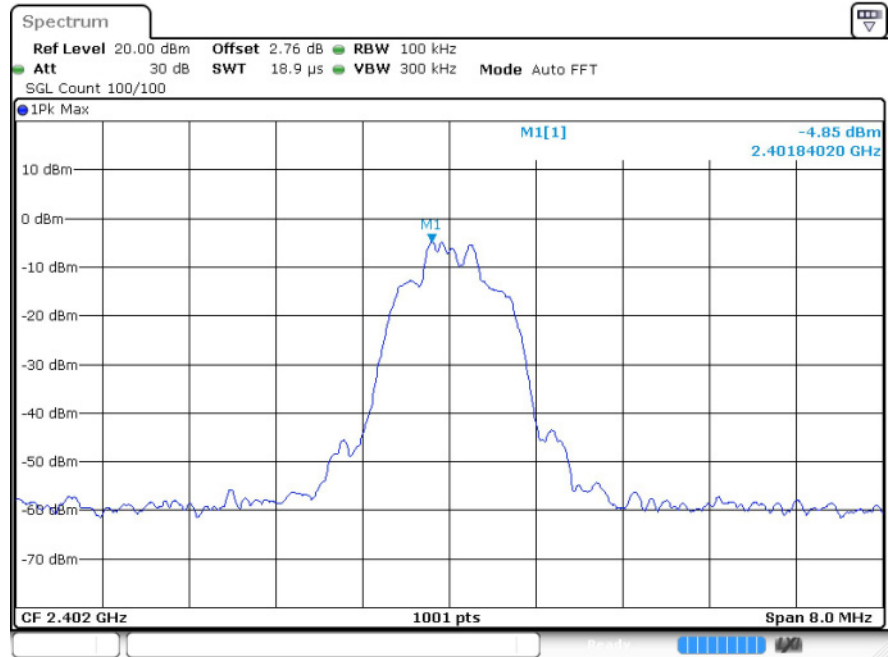
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 $\pi/4$ DQPSK/HCH/No Hop


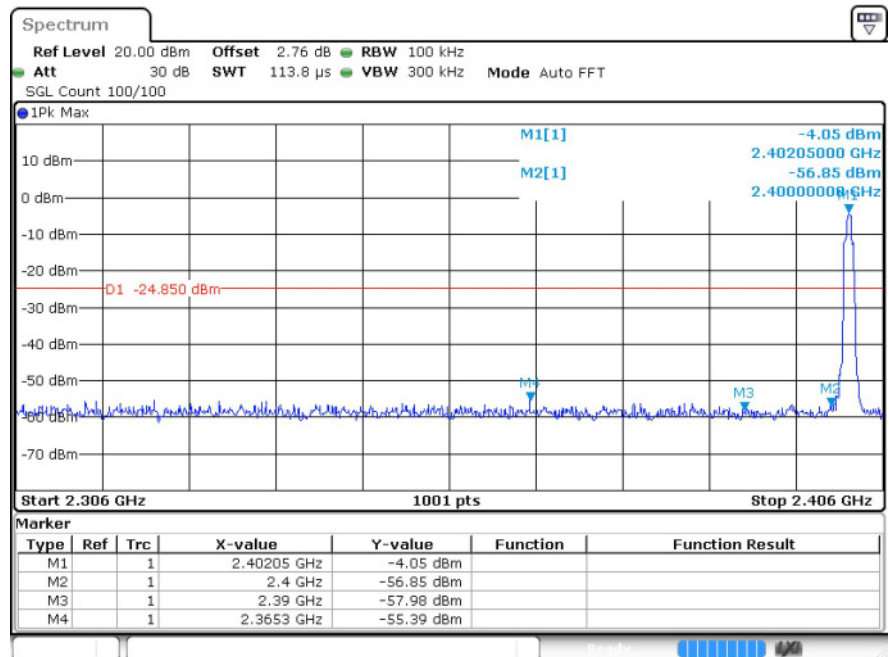
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 $\pi/4$ DQPSK/HCH/Hop


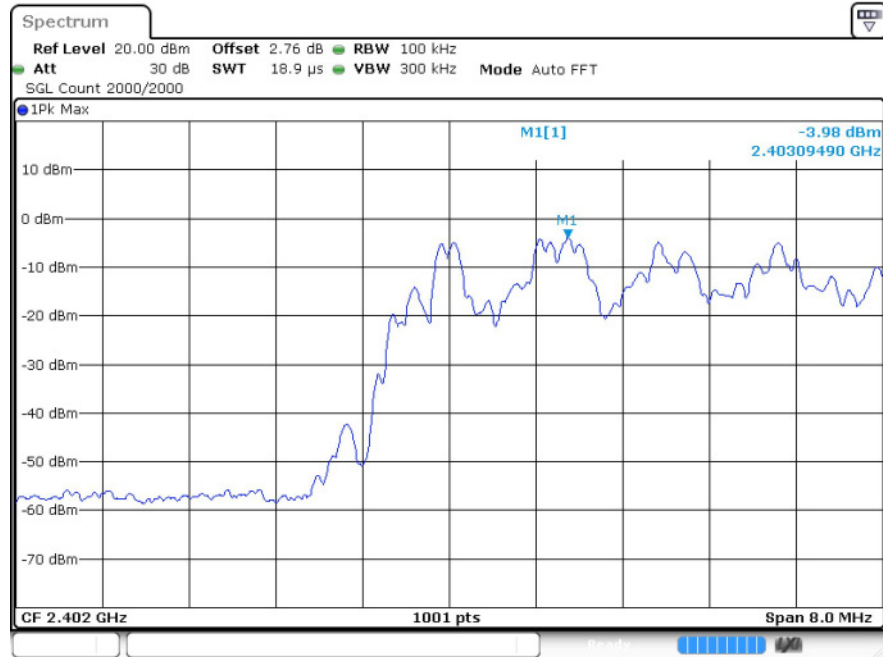
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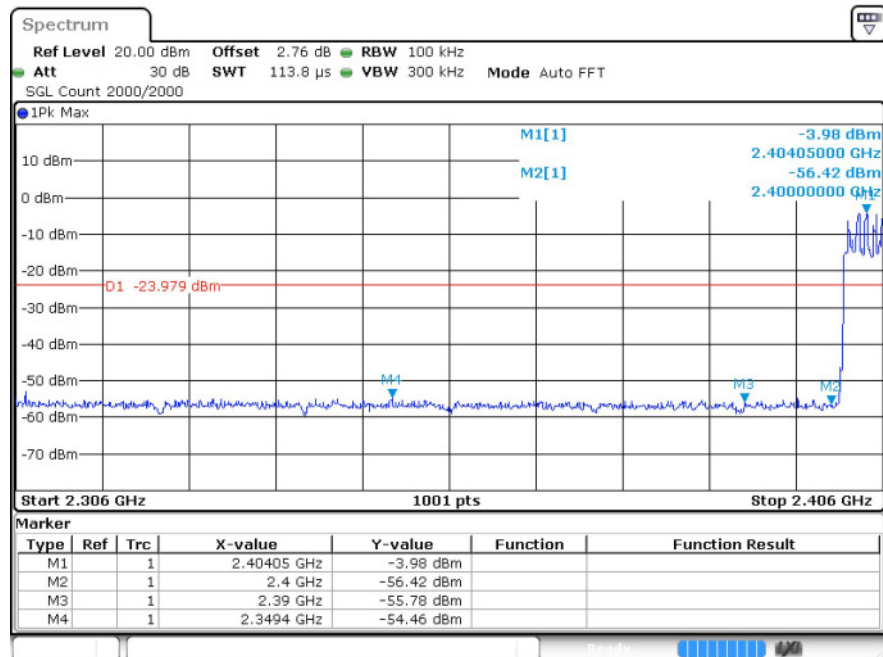
8DPSK/LCH/No Hop



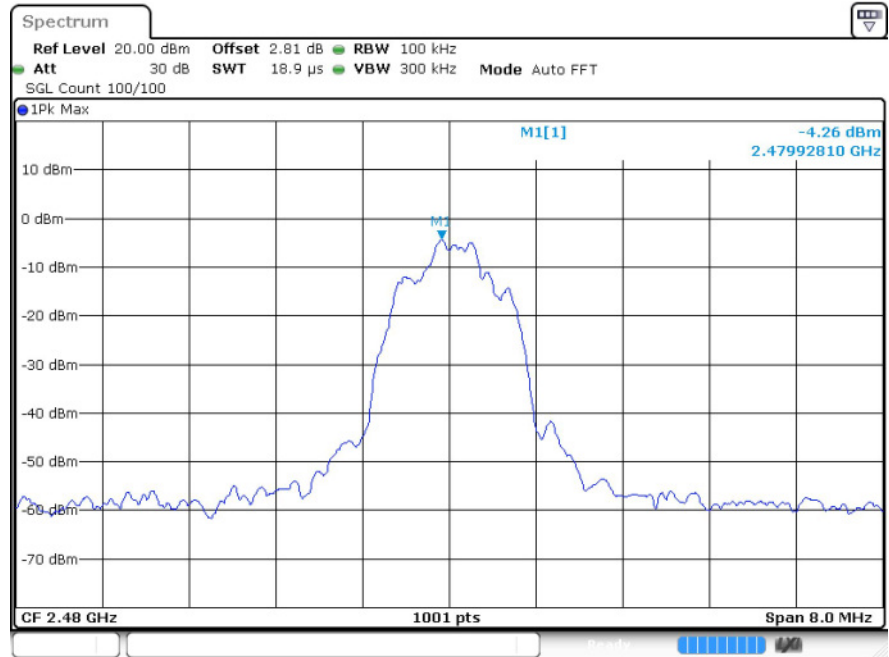
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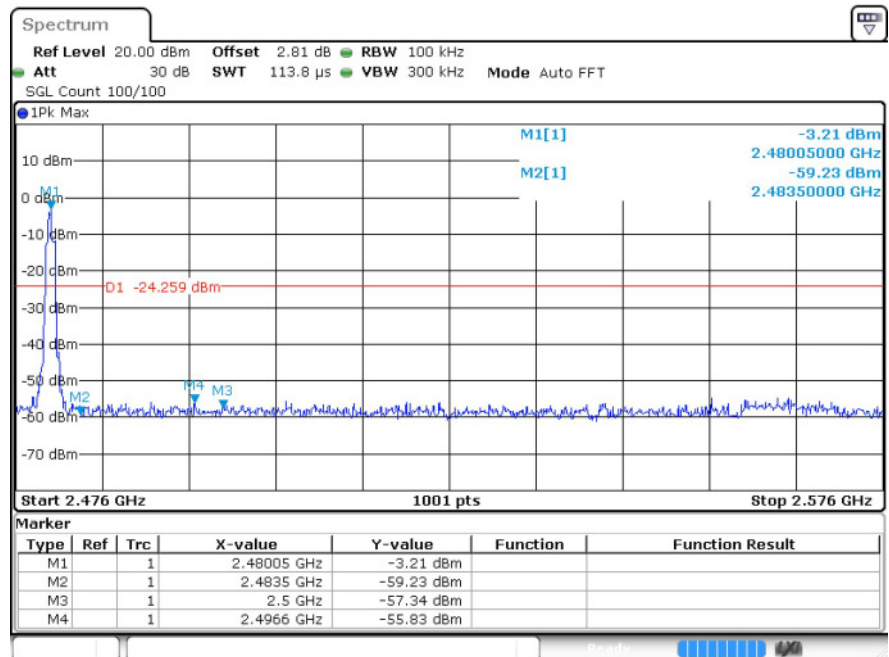
8DPSK/LCH/Hop



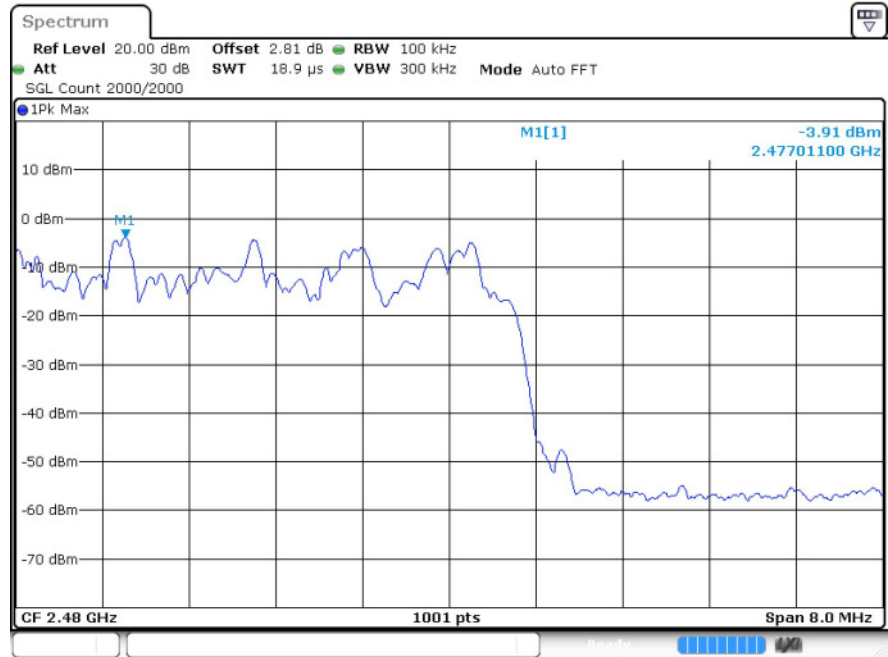
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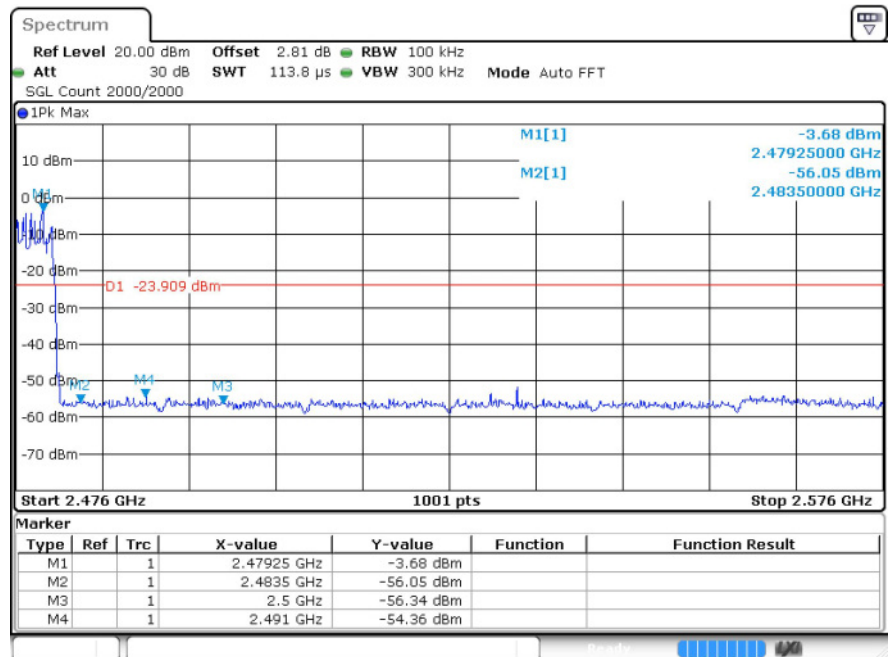
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-48.7	2	-	48.56	PEAK	74	Pass
	Off	2310.0	-55.77	2	4.91	46.4	AV	54	Pass
	Off	2338.8	-46.05	2	-	51.21	PEAK	74	Pass
	Off	2338.608	-53.69	2	4.91	48.48	AV	54	Pass
	Off	2390.0	-50.71	2	-	46.55	PEAK	74	Pass
	Off	2390.0	-56.37	2	4.91	45.8	AV	54	Pass
	Off	2483.5	-47.93	2	-	49.33	PEAK	74	Pass
	Off	2483.5	-56.52	2	4.84	45.58	AV	54	Pass
	Off	2491.96	-46.88	2	-	50.38	PEAK	74	Pass
	Off	2485.12	-55.51	2	4.84	46.59	AV	54	Pass
	Off	2500.0	-48.61	2	-	48.65	PEAK	74	Pass
	Off	2500.0	-56.28	2	4.84	45.82	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-47.96	2	-	49.3	PEAK	74	Pass
	Off	2310.0	-55.43	2	4.74	46.57	AV	54	Pass
	Off	2339.28	-44.47	2	-	52.79	PEAK	74	Pass
	Off	2341.008	-53.99	2	4.74	48.01	AV	54	Pass
	Off	2390.0	-48.17	2	-	49.09	PEAK	74	Pass
	Off	2390.0	-56.79	2	4.74	45.21	AV	54	Pass
	Off	2483.5	-49.08	2	-	48.18	PEAK	74	Pass
	Off	2483.5	-56.25	2	4.74	45.75	AV	54	Pass
	Off	2489.272	-47.32	2	-	49.94	PEAK	74	Pass
	Off	2485.12	-54.89	2	4.74	47.11	AV	54	Pass
	Off	2500.0	-48.96	2	-	48.3	PEAK	74	Pass
	Off	2500.0	-56.72	2	4.74	45.28	AV	54	Pass
8DPSK	Off	2310.0	-50.02	2	-	47.24	PEAK	74	Pass
	Off	2310.0	-55.38	2	4.74	46.62	AV	54	Pass
	Off	2341.968	-45.6	2	-	51.66	PEAK	74	Pass
	Off	2338.128	-54.18	2	4.74	47.82	AV	54	Pass

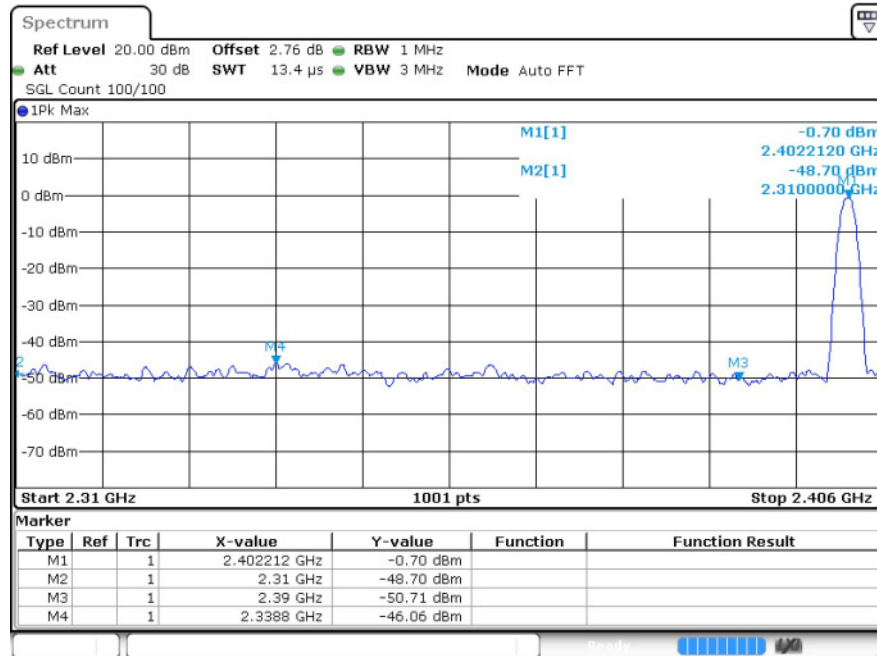


Off	2390.0	-49.2	2	-	48.06	PEAK	74	Pass
Off	2390.0	-56.49	2	4.74	45.51	AV	54	Pass
Off	2483.5	-48.69	2	-	48.57	PEAK	74	Pass
Off	2483.5	-55.75	2	4.74	46.25	AV	54	Pass
Off	2499.256	-46.24	2	-	51.02	PEAK	74	Pass
Off	2487.016	-55.52	2	4.74	46.48	AV	54	Pass
Off	2500.0	-48.92	2	-	48.34	PEAK	74	Pass
Off	2500.0	-56.1	2	4.74	45.9	AV	54	Pass

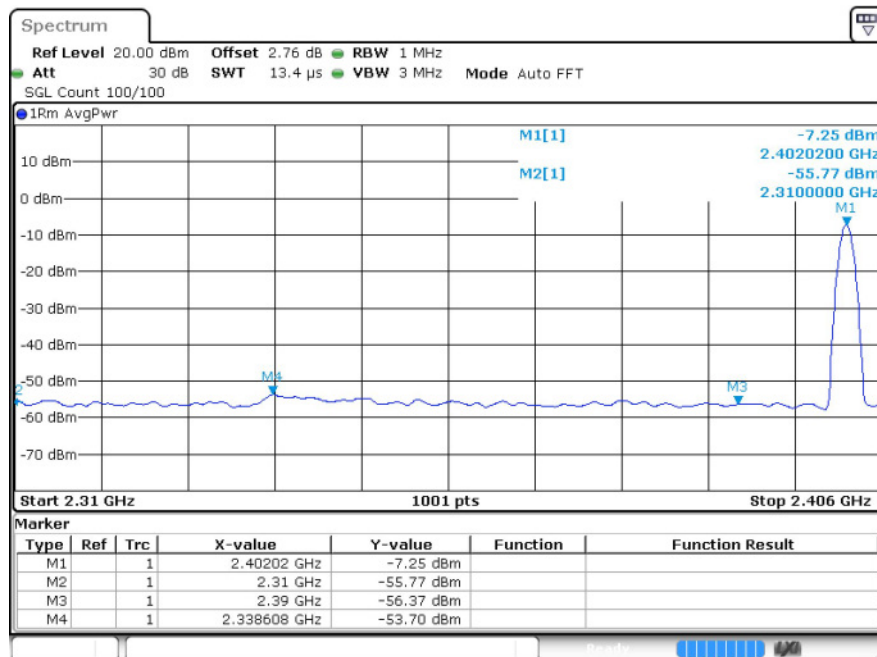
Note: Left and right ear have been tested and the only shows the worst case mode.

9.2 Test Graphs

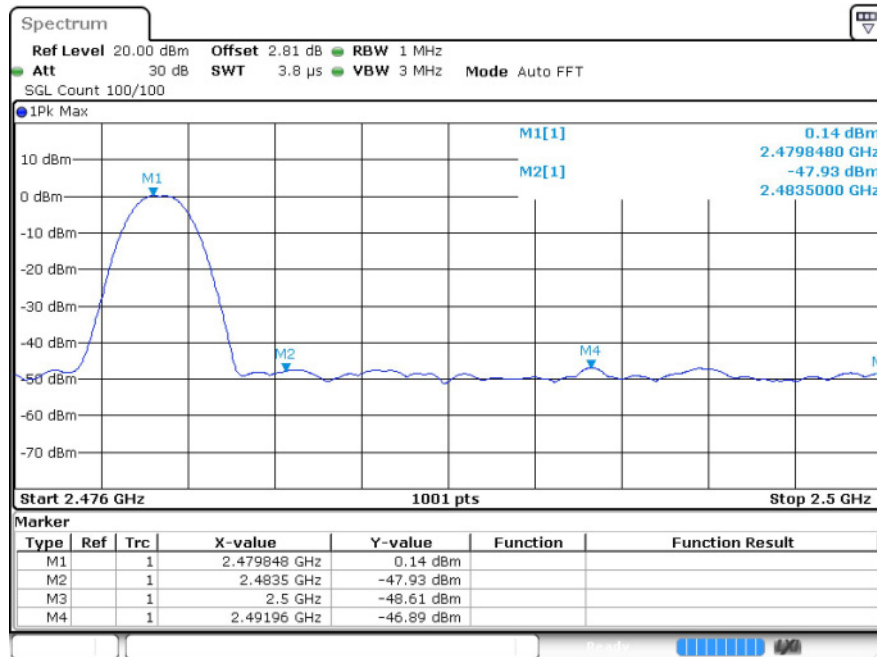
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



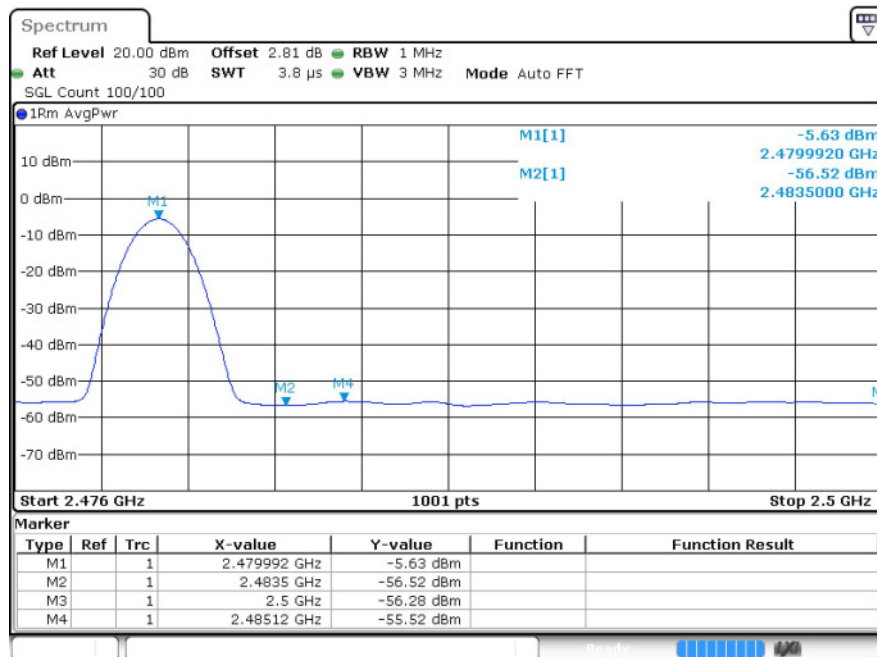
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



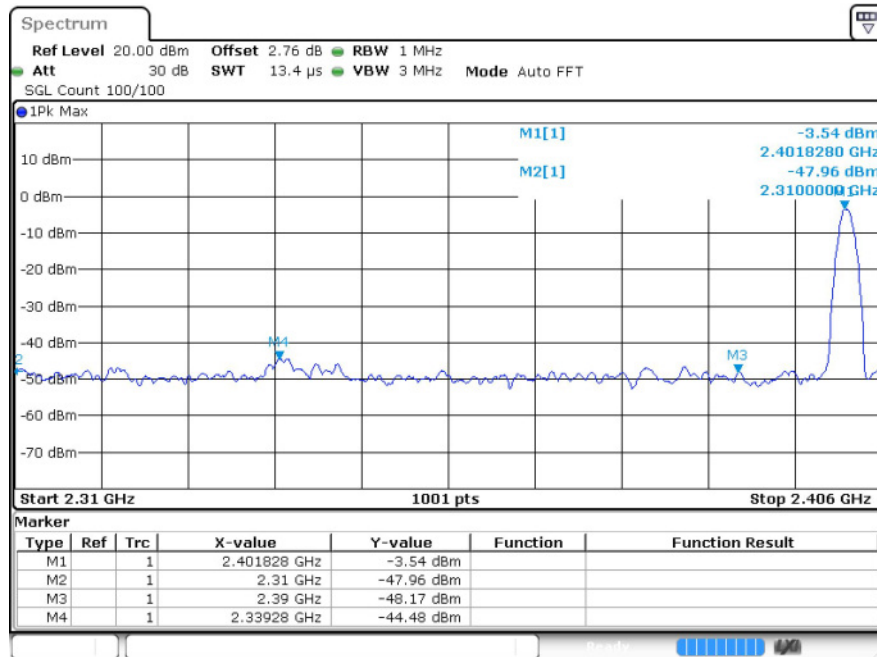
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



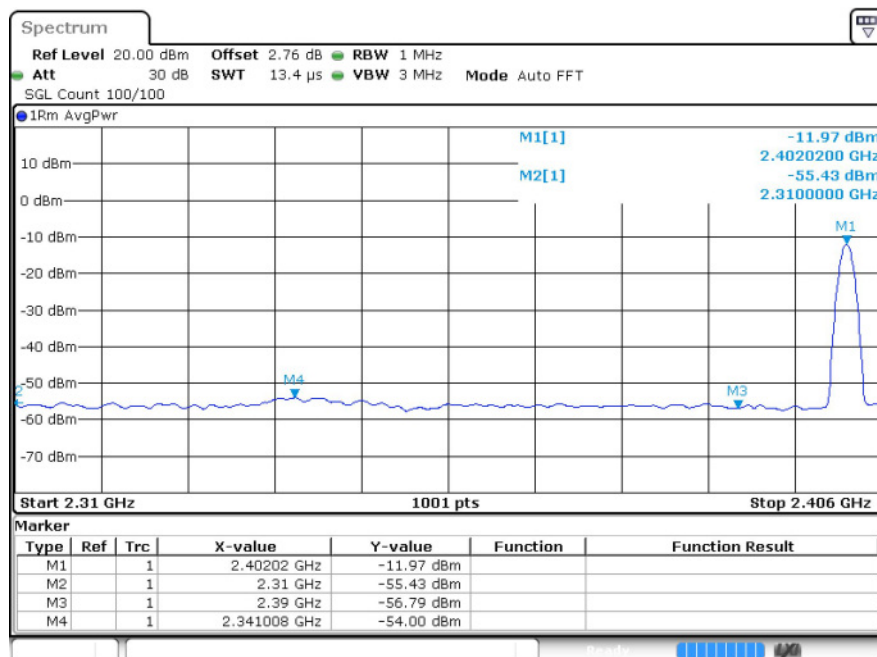
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



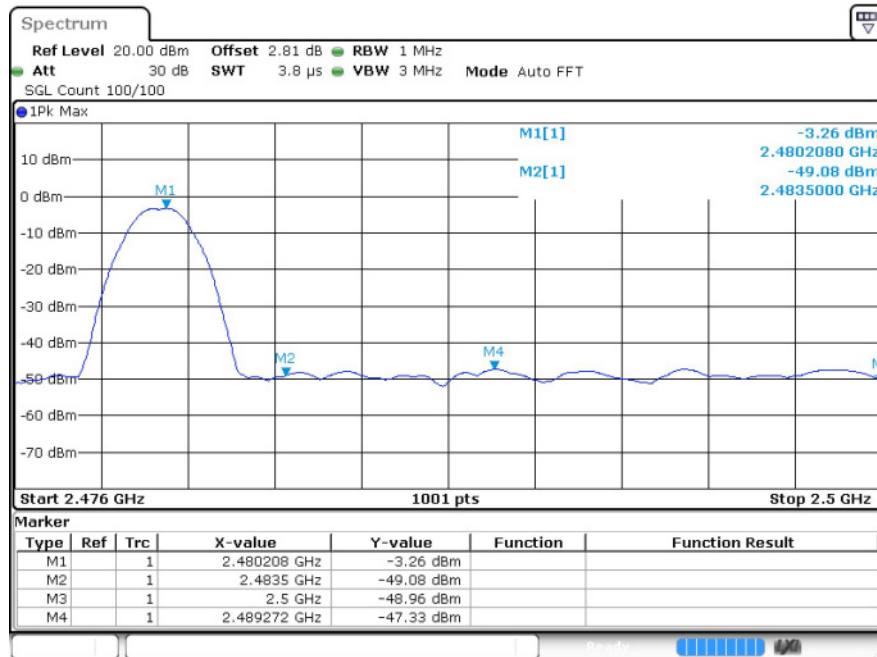
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



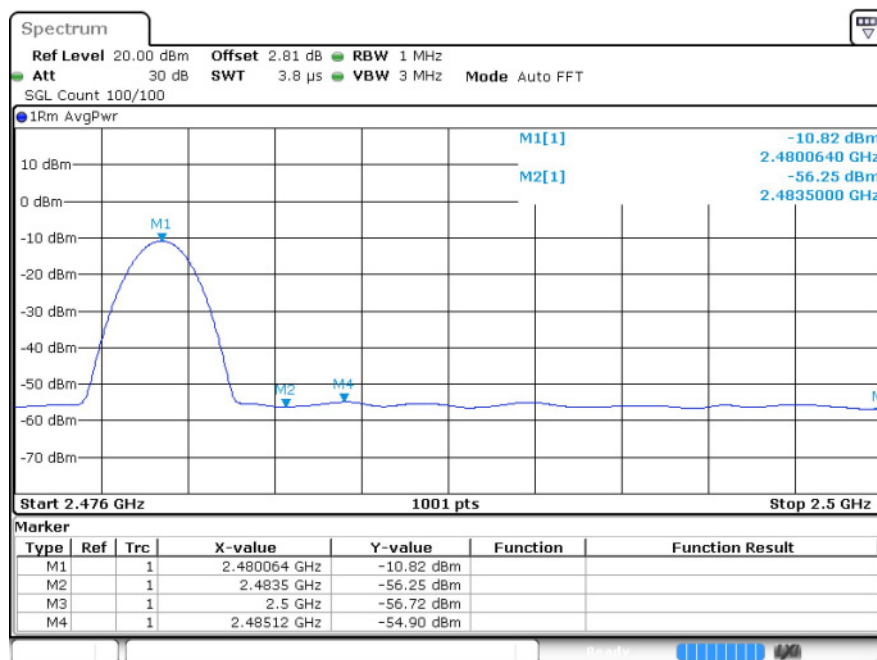
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



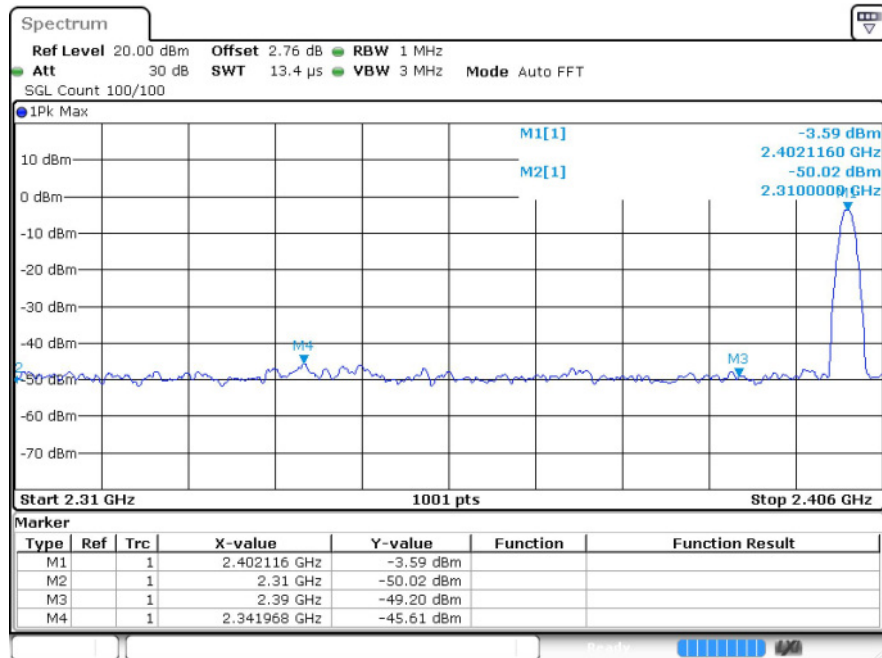
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



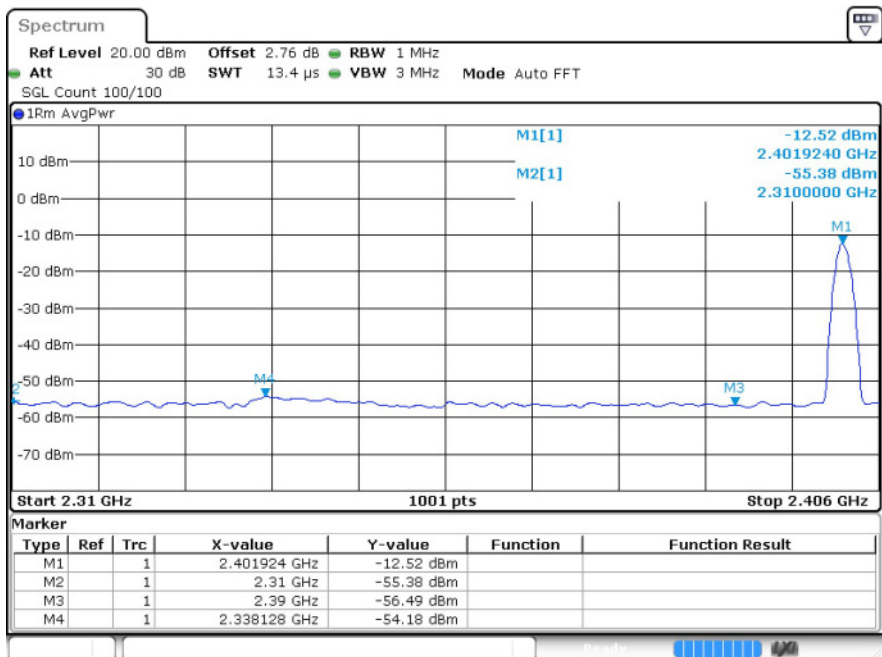
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



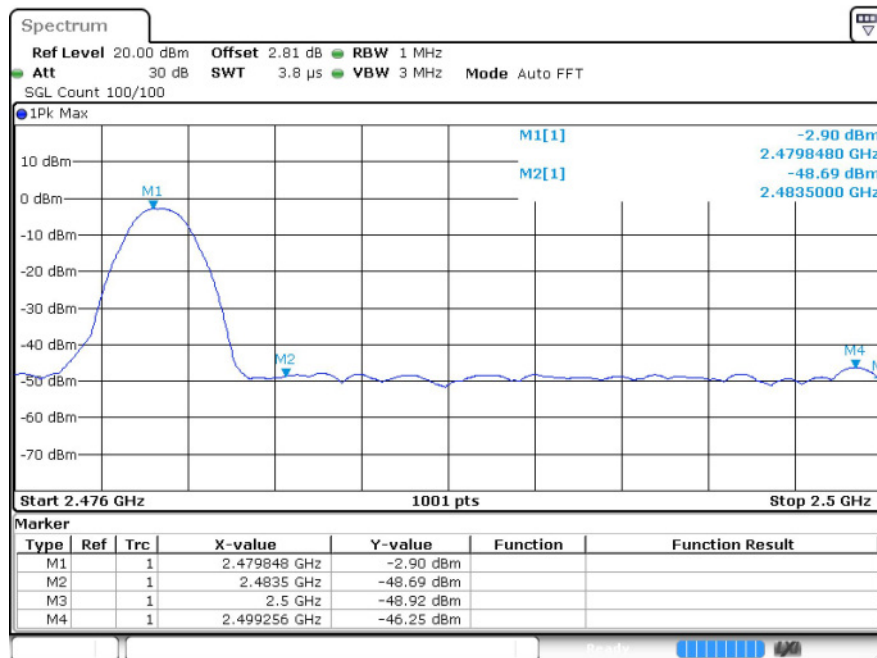
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



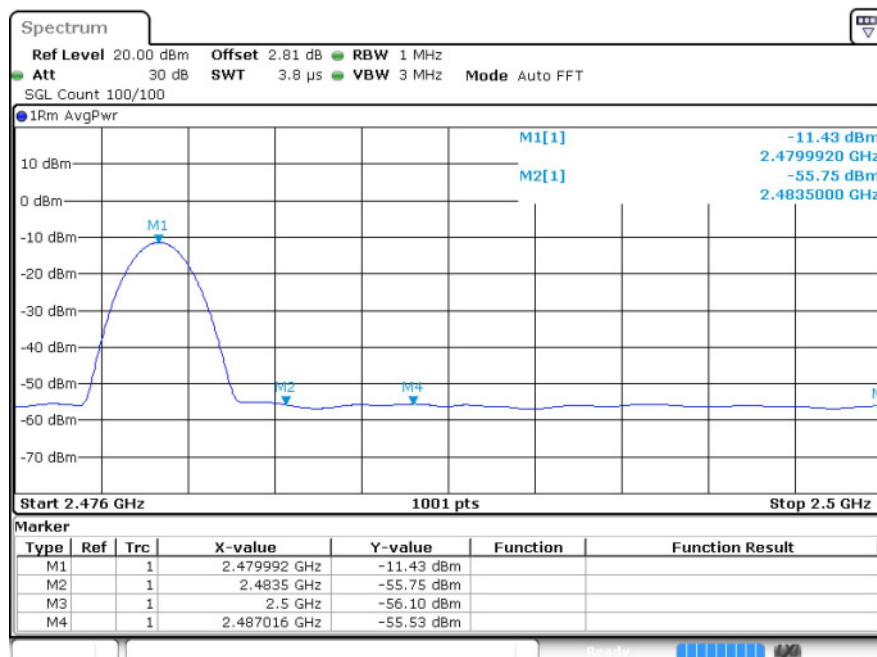
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---