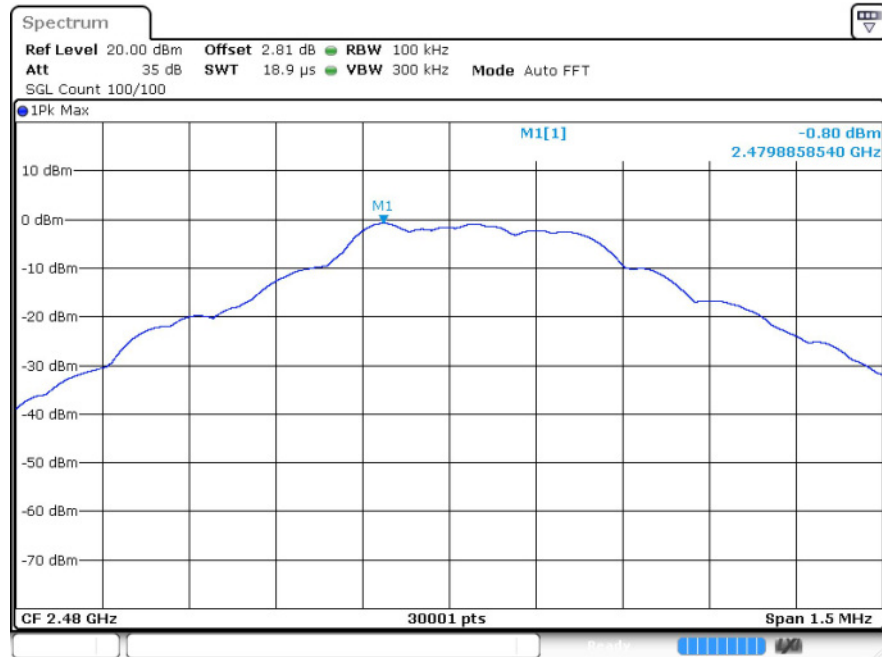
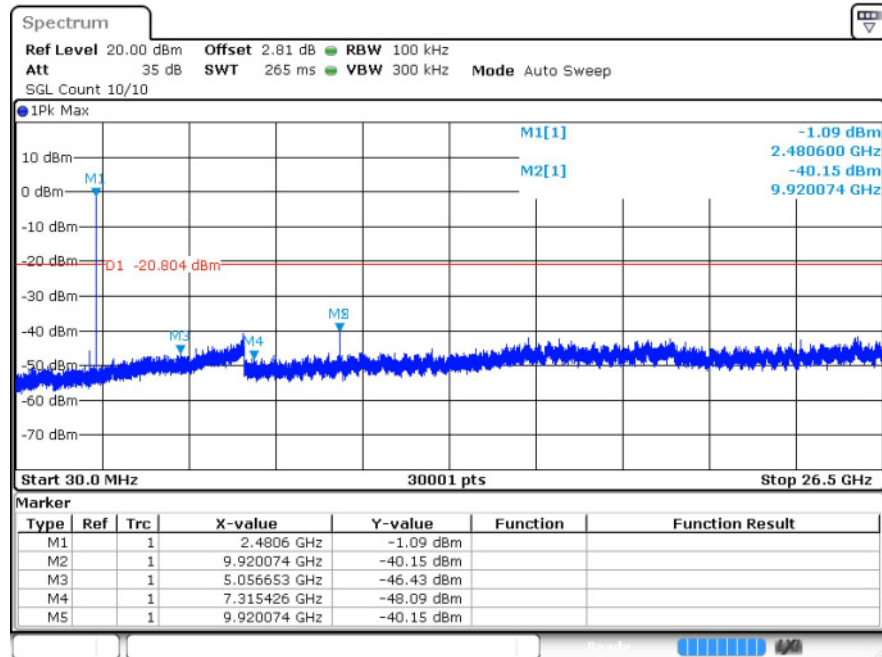


GFSK_HCH_Graphs

Pref

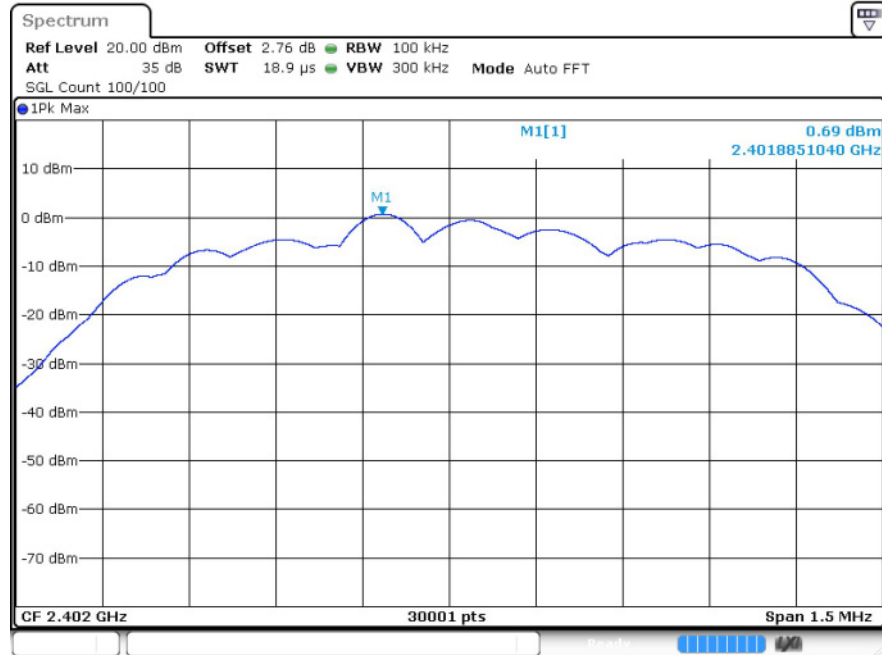


Puw

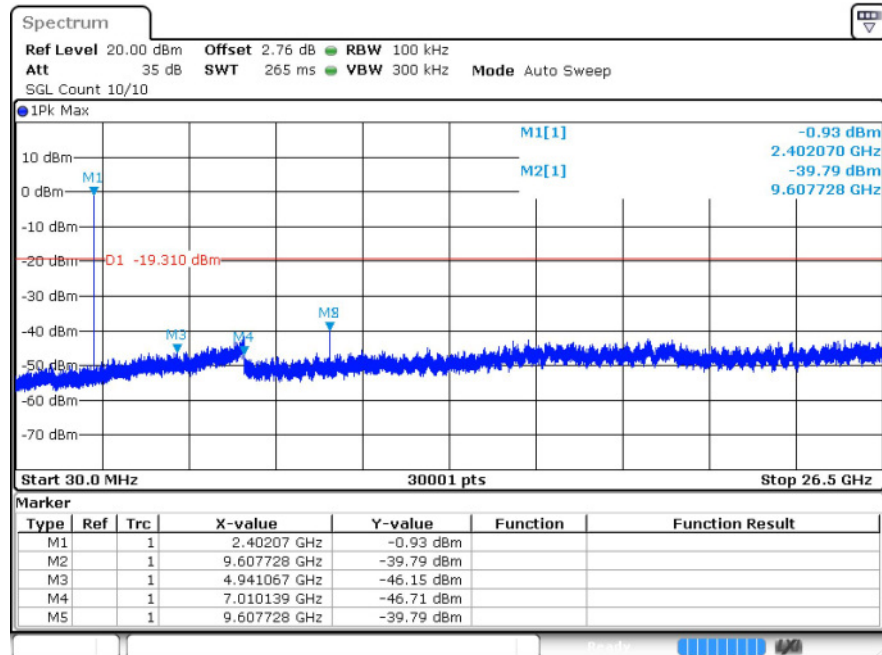


$\pi/4$ DQPSK_LCH_Graphs

Pref

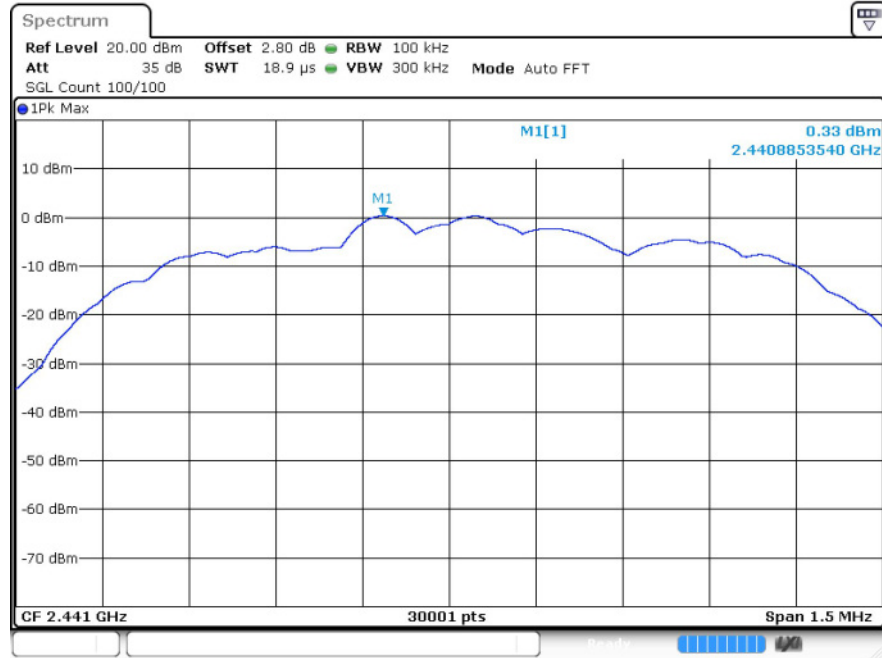


Puw

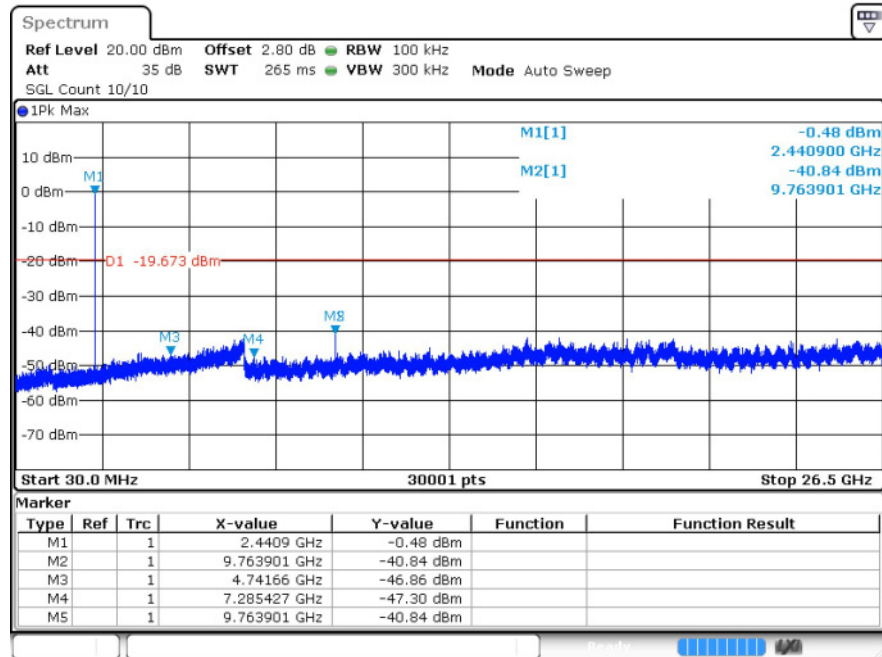


π /4DQPSK_MCH_Graphs

Pref

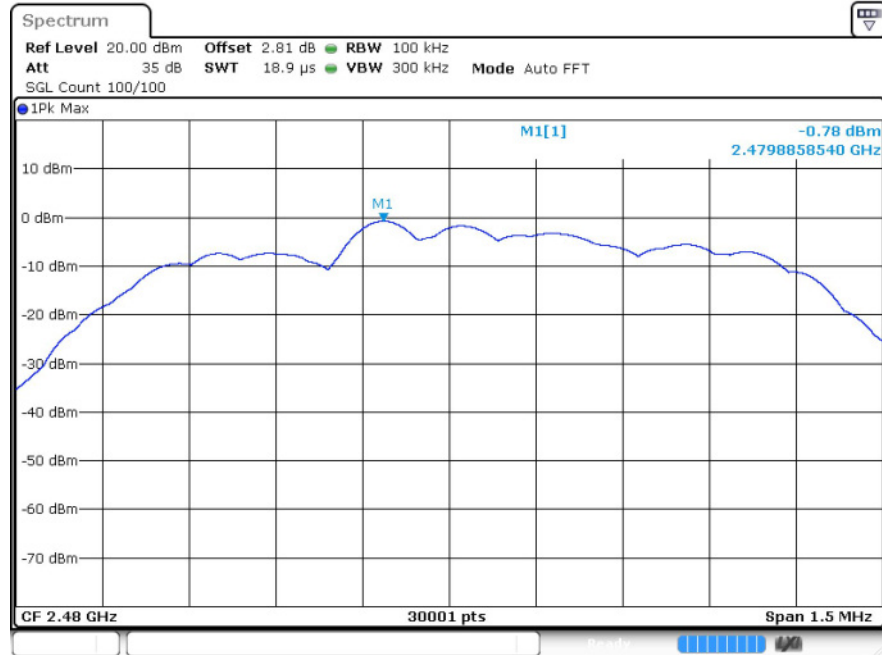


Puw

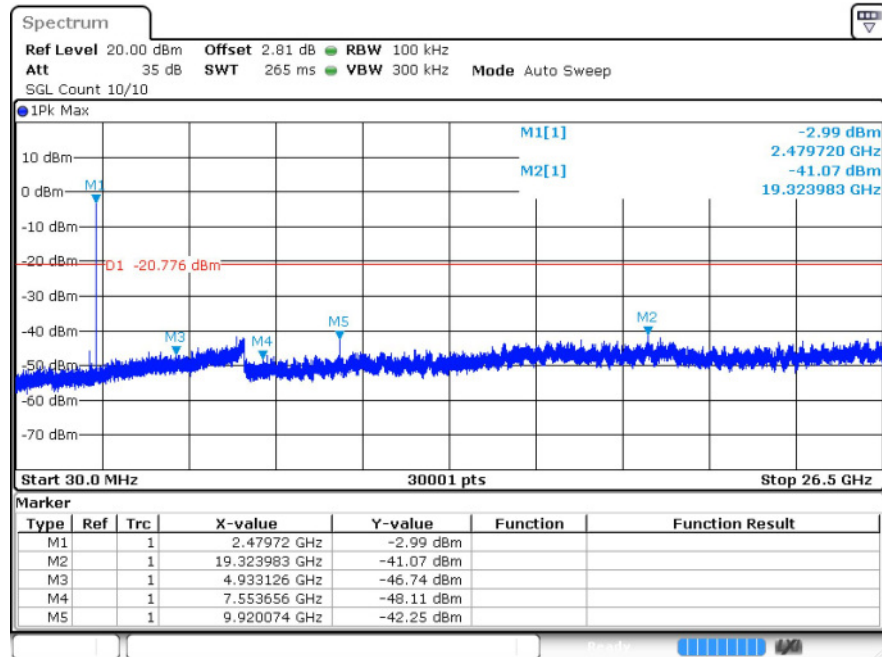


$\pi/4$ DQPSK_HCH_Graphs

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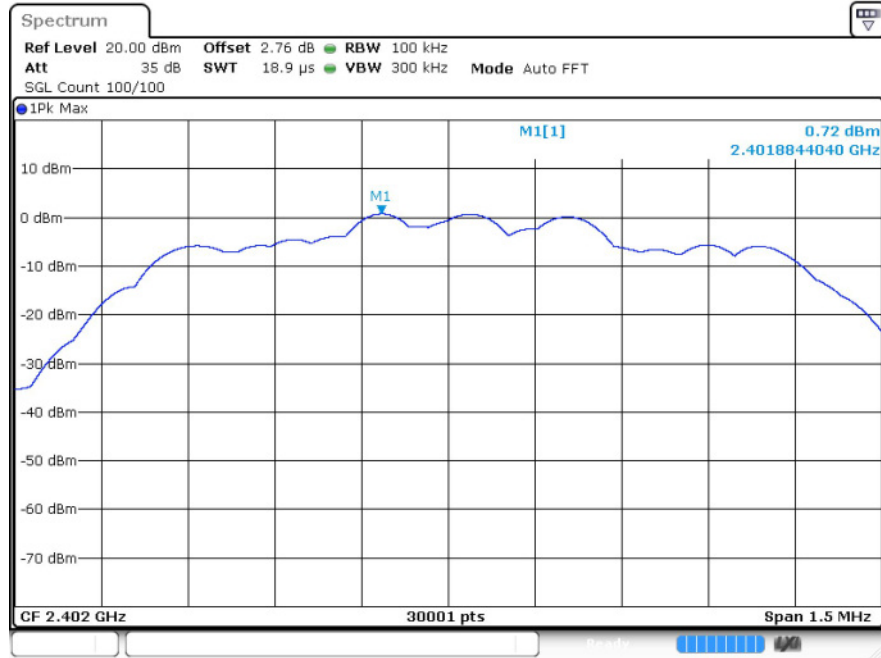


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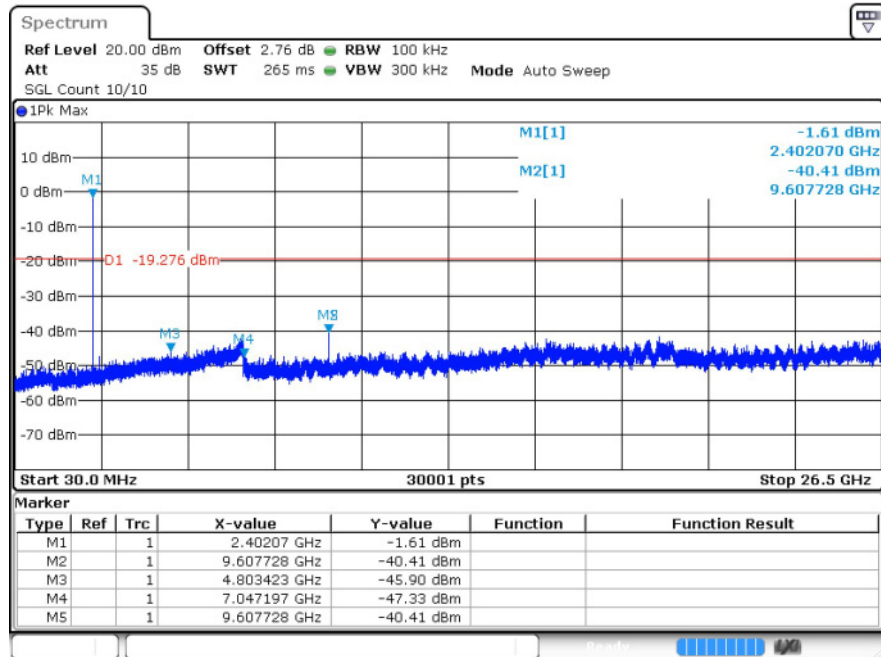


8DPSK_LCH_Graphs

Pref

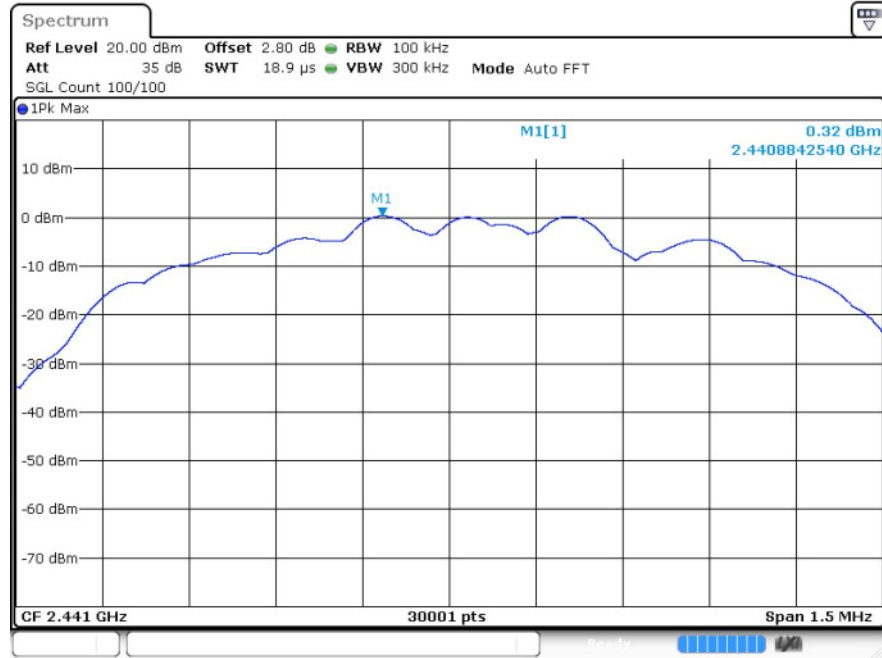


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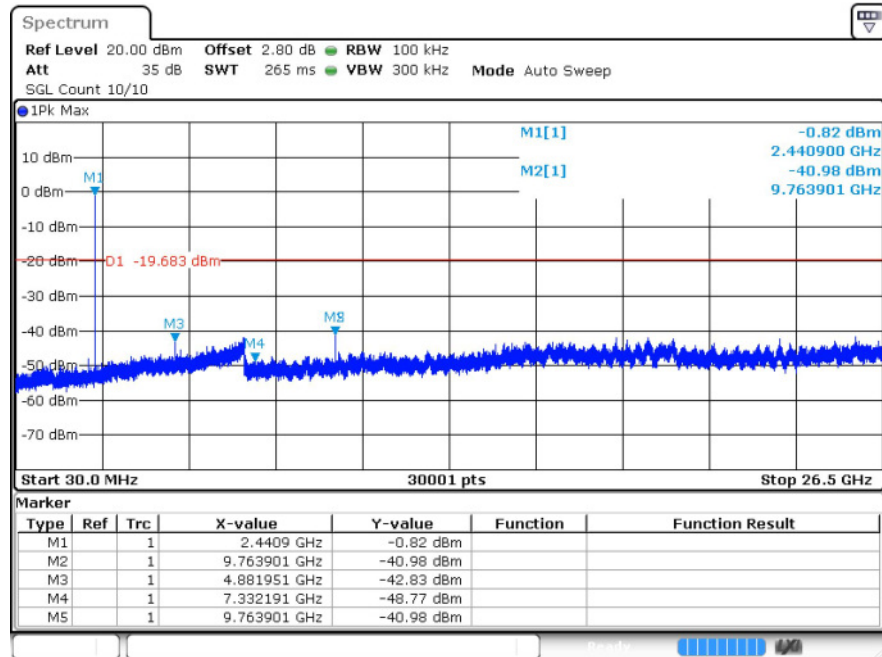


8DPSK_MCH_Graphs

Pref

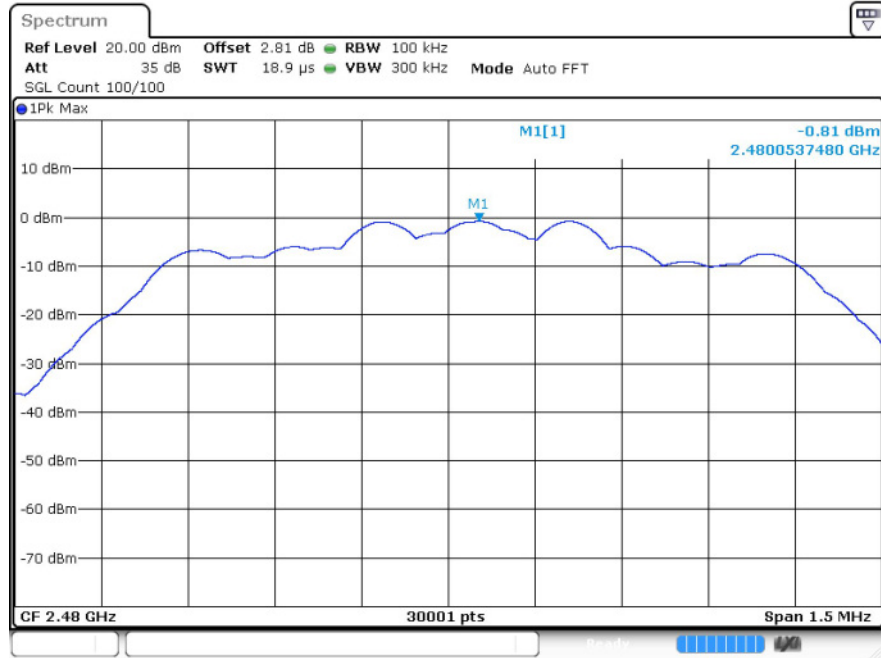


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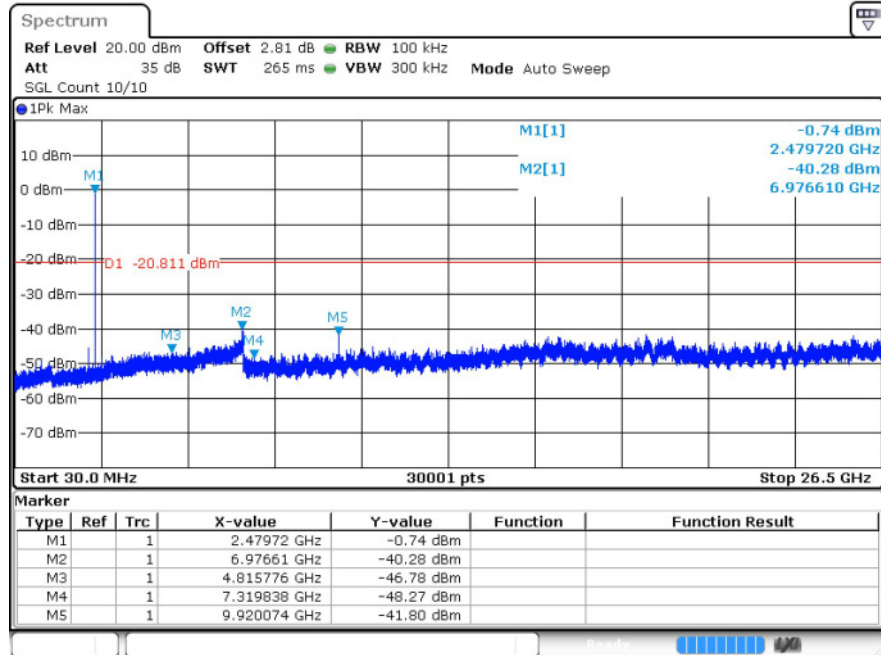


8DPSK_HCH_Graphs

Pref



Puw



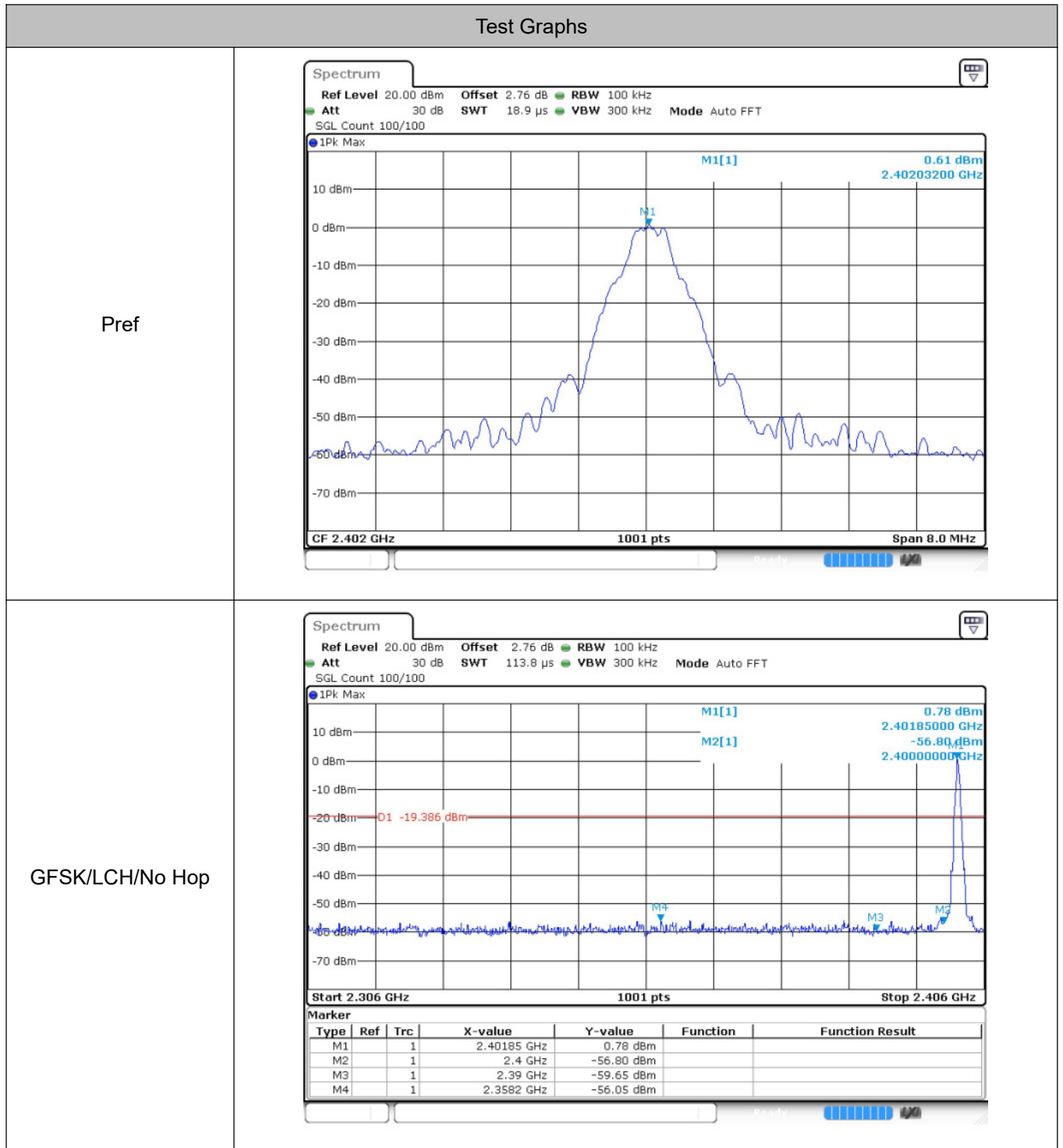
8 Band-edge for RF Conducted Emissions

8.1 Test Result

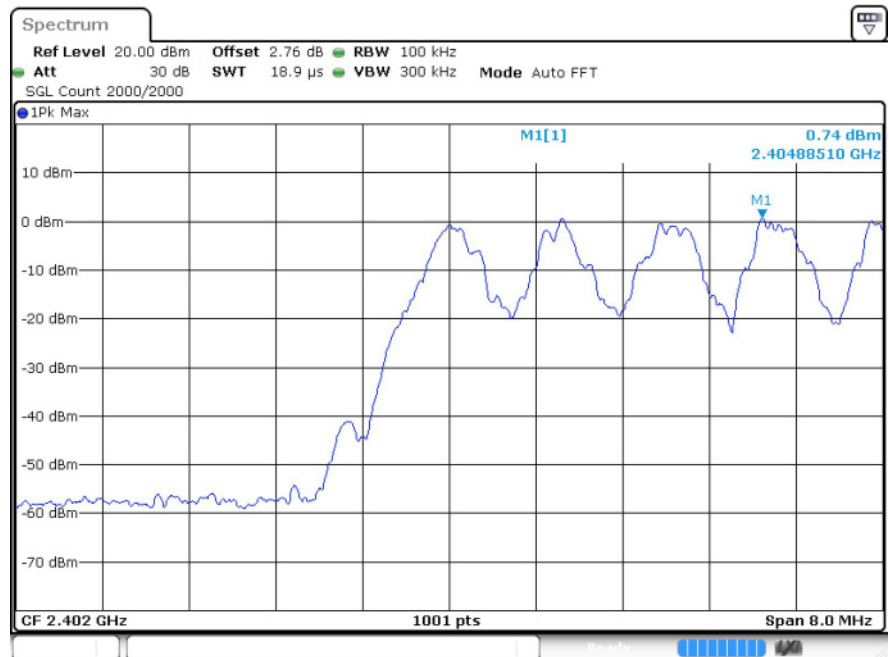
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-56.66	-20	Pass
			On	-54.7	-20	Pass
	HCH	2480	Off	-54.12	-20	Pass
			On	-54.48	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-55.04	-20	Pass
			On	-54.24	-20	Pass
	HCH	2480	Off	-53.25	-20	Pass
			On	-54.17	-20	Pass
8DPSK	LCH	2402	Off	-55.98	-20	Pass
			On	-54.36	-20	Pass
	HCH	2480	Off	-54.89	-20	Pass
			On	-53.73	-20	Pass

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

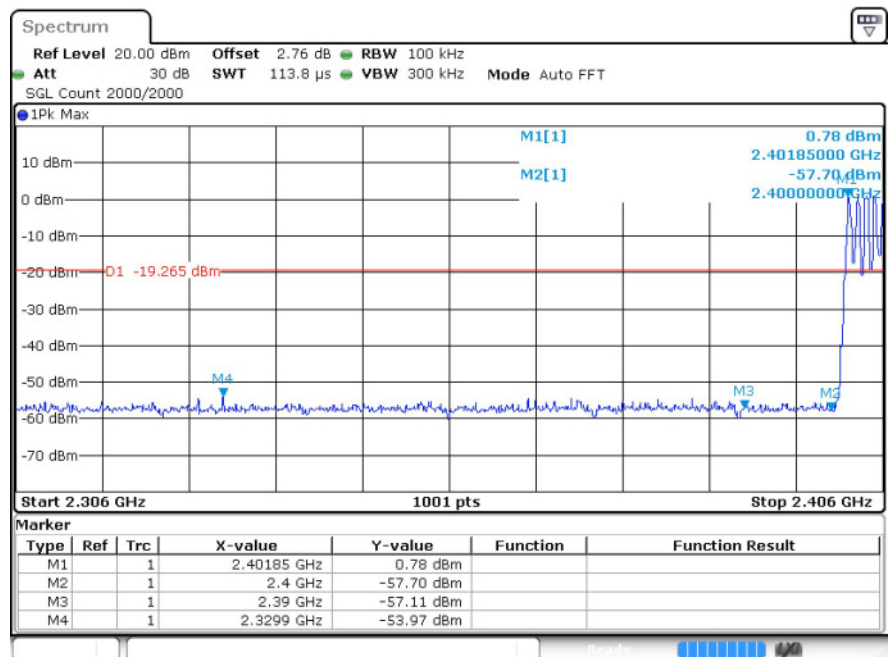
8.2 Test Graphs



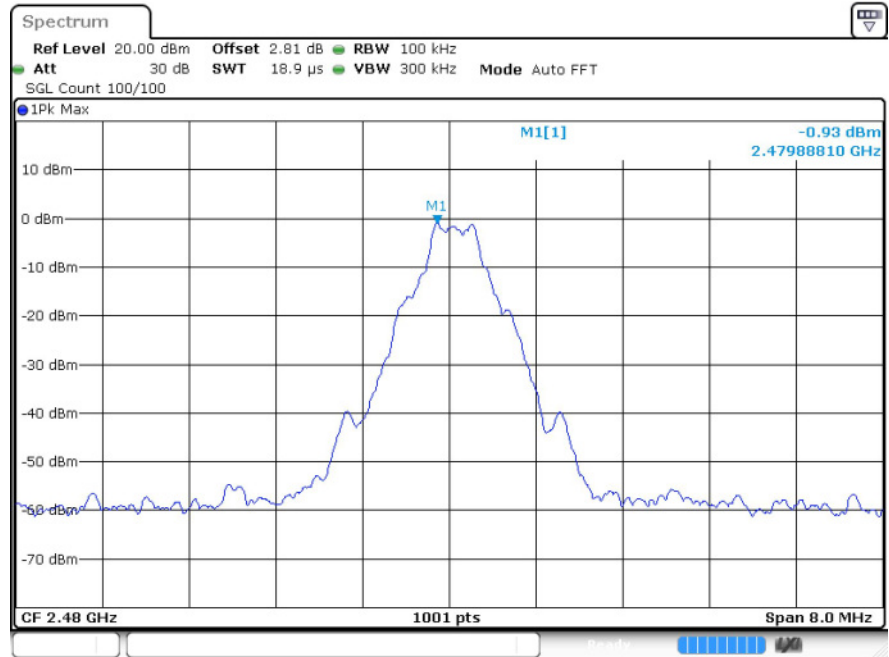
Ref



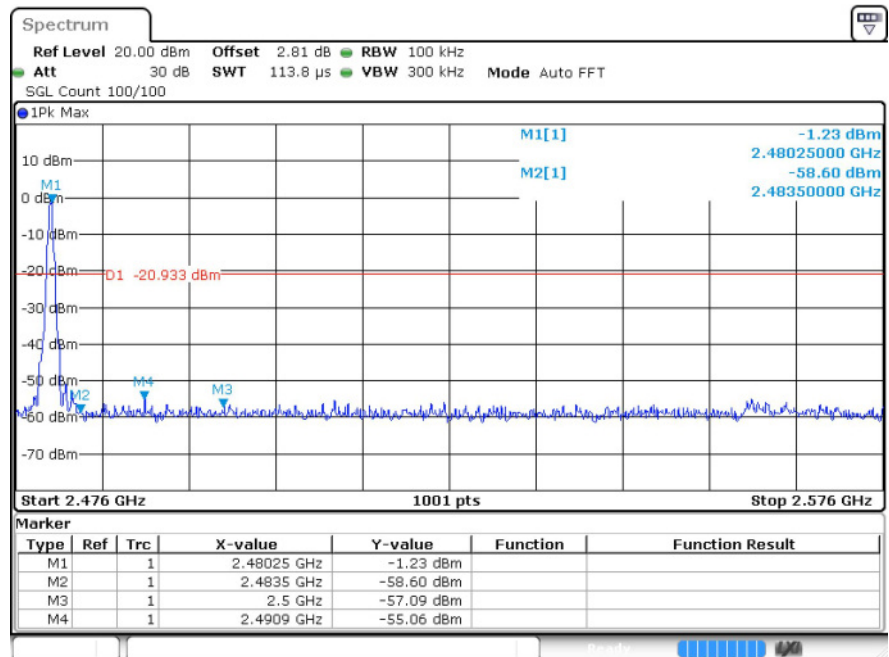
GFSK/LCH/Hop



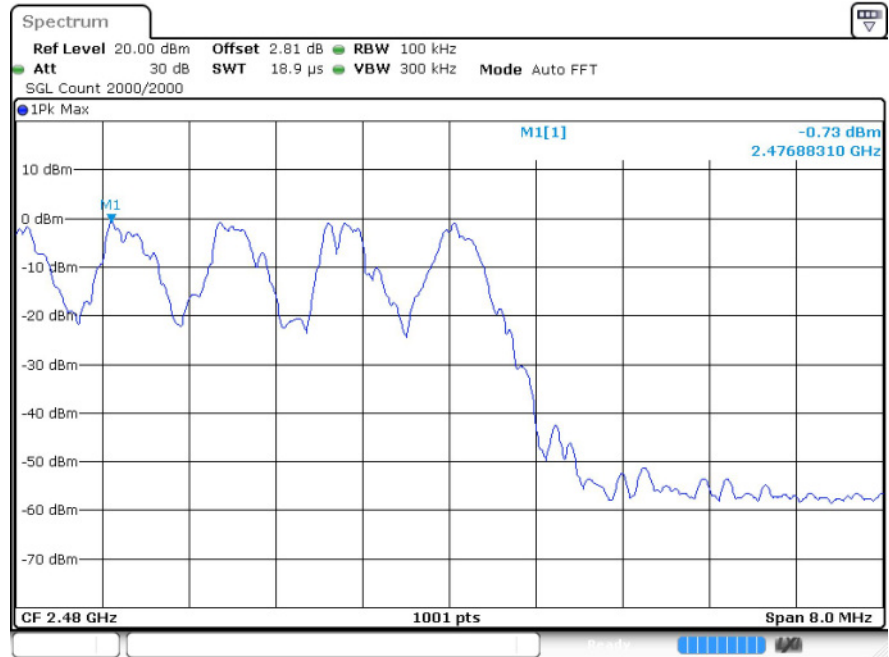
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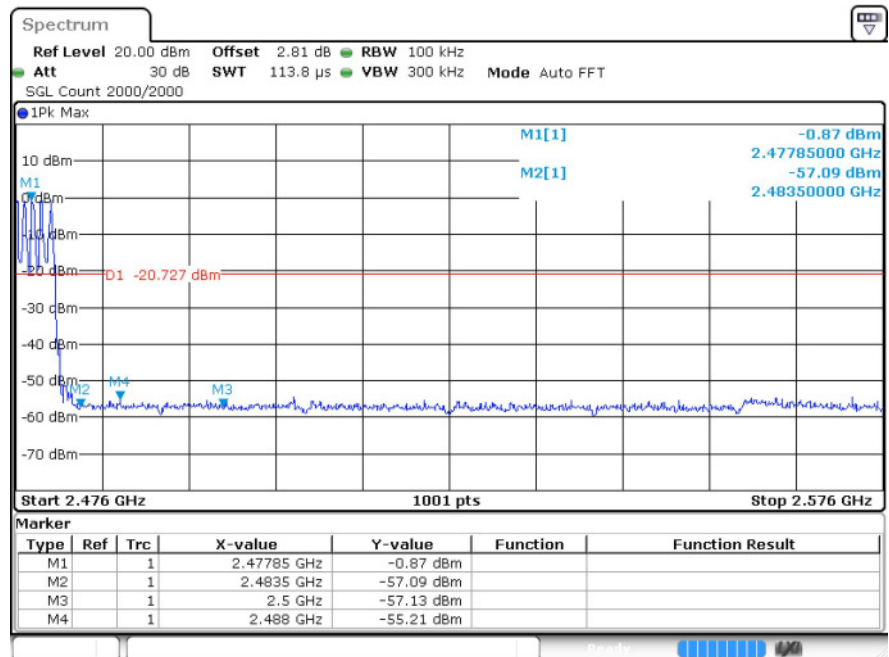
GFSK/HCH/No Hop



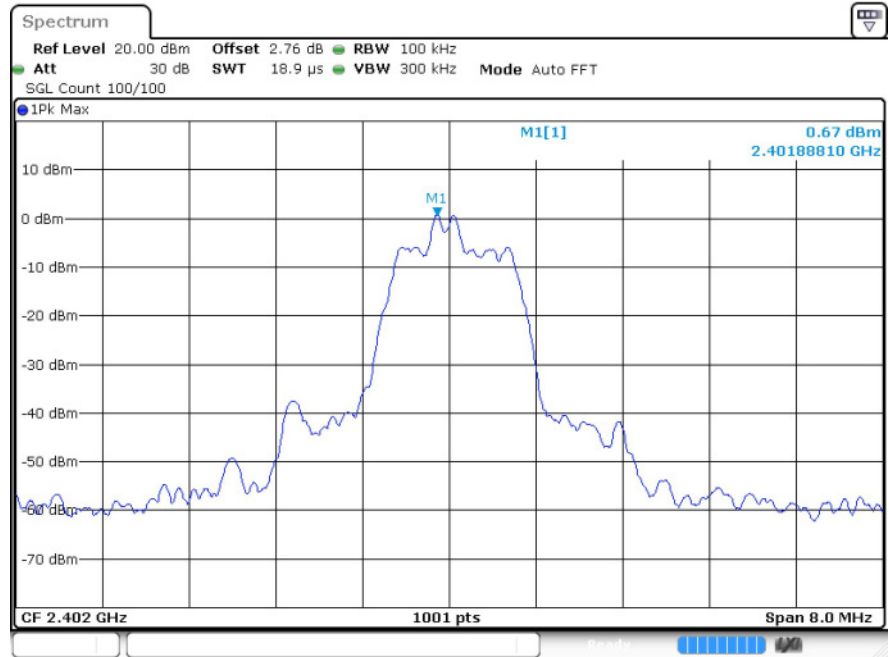
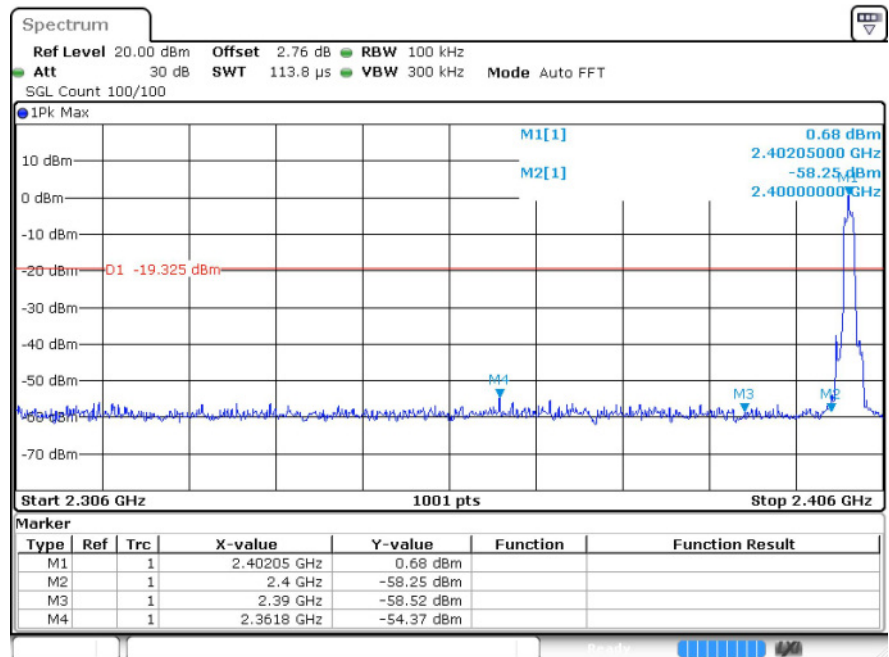
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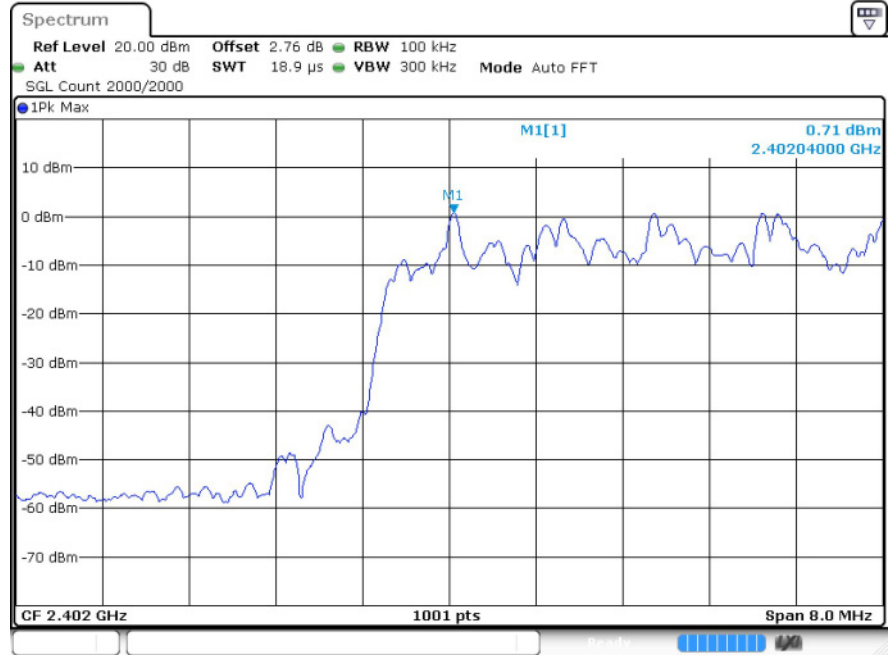
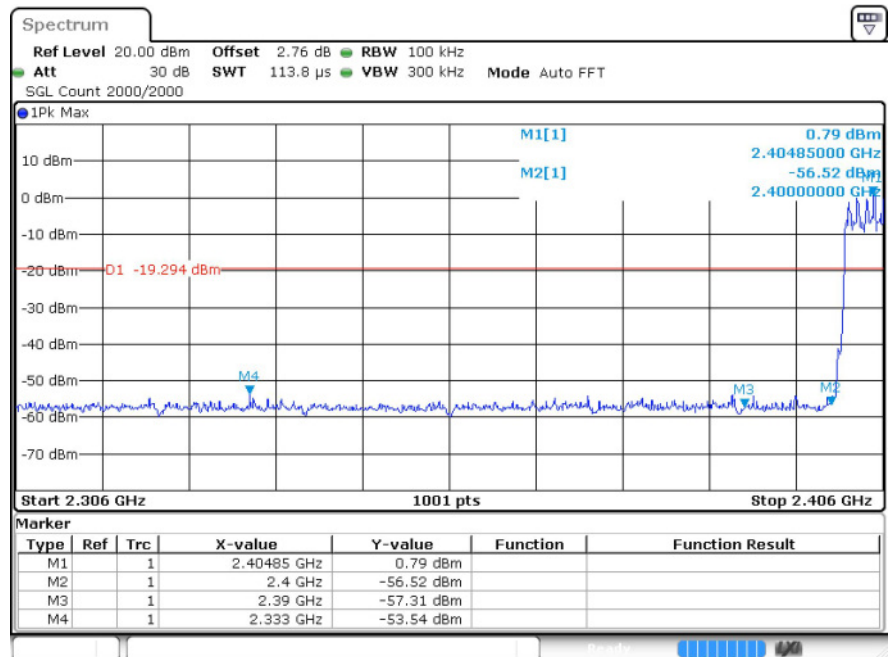
GFSK/HCH/Hop



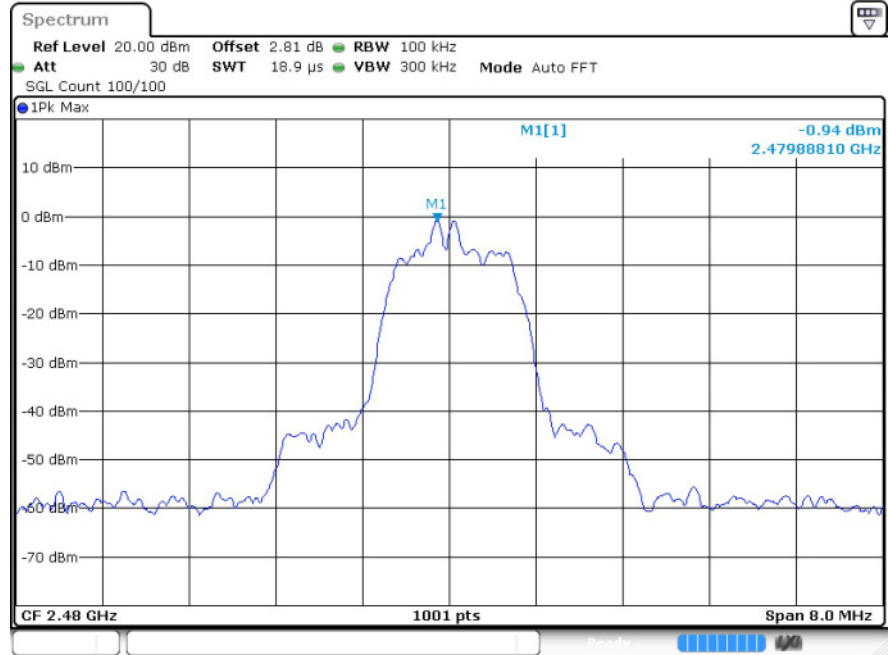
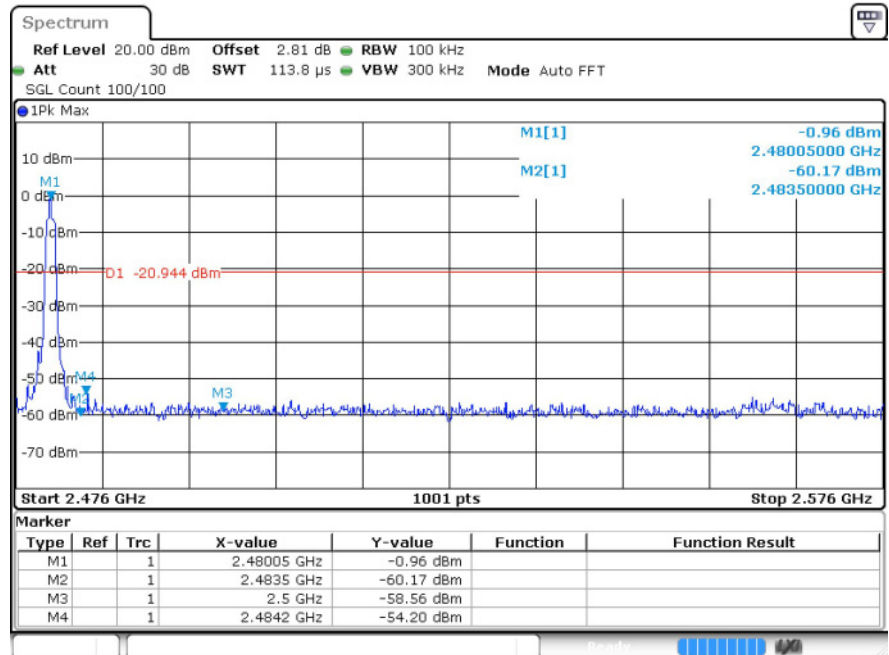
Ref


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


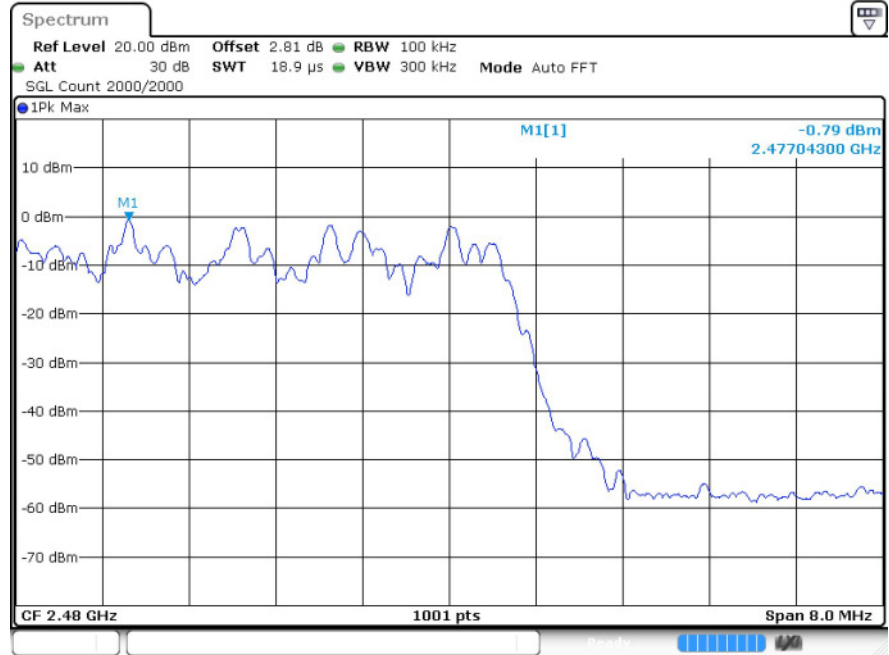
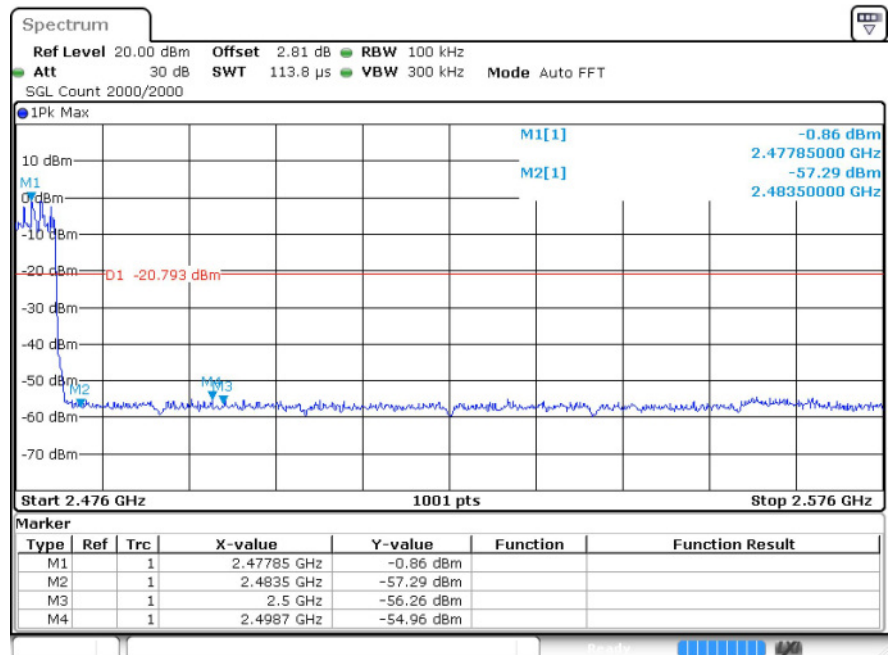
Ref


 $\pi/4$ DQPSK/LCH/Hop


Ref


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


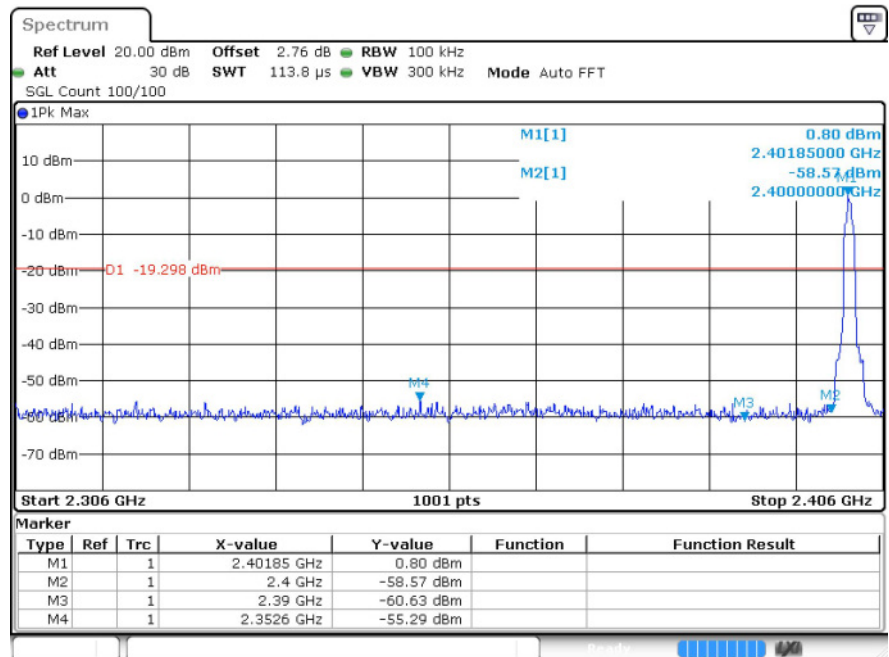
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 $\pi/4$ DQPSK/HCH/Hop


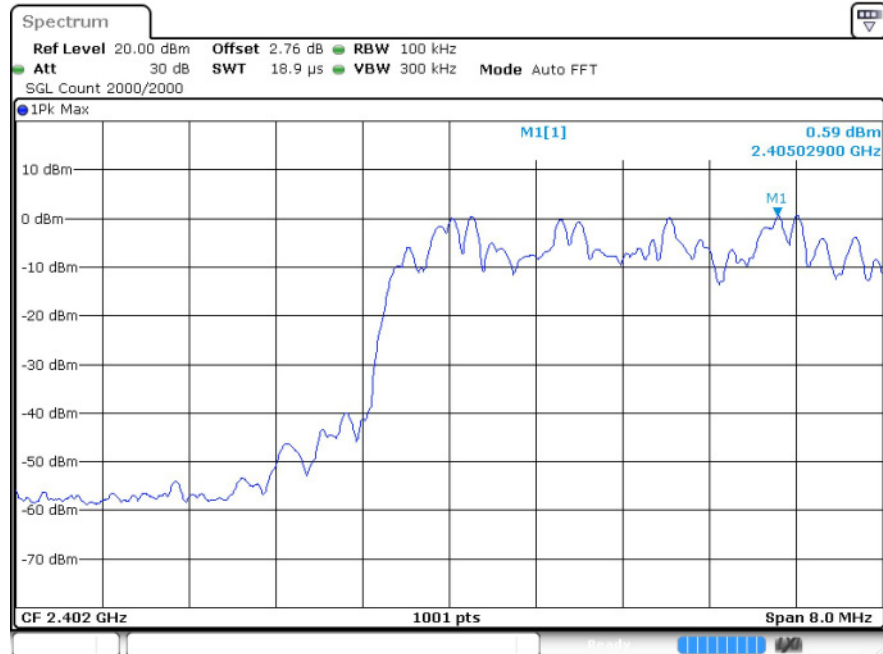
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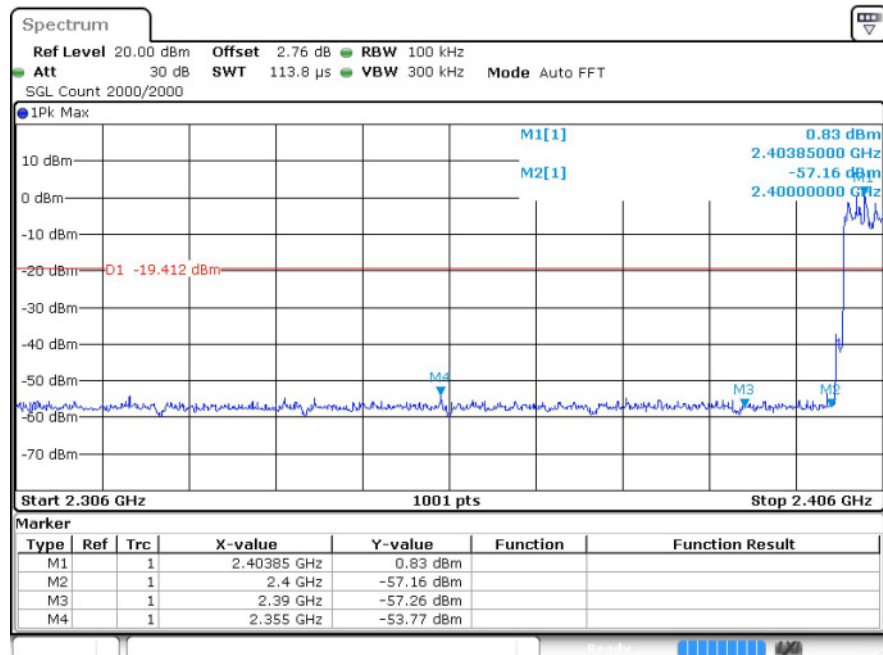
8DPSK/LCH/No Hop



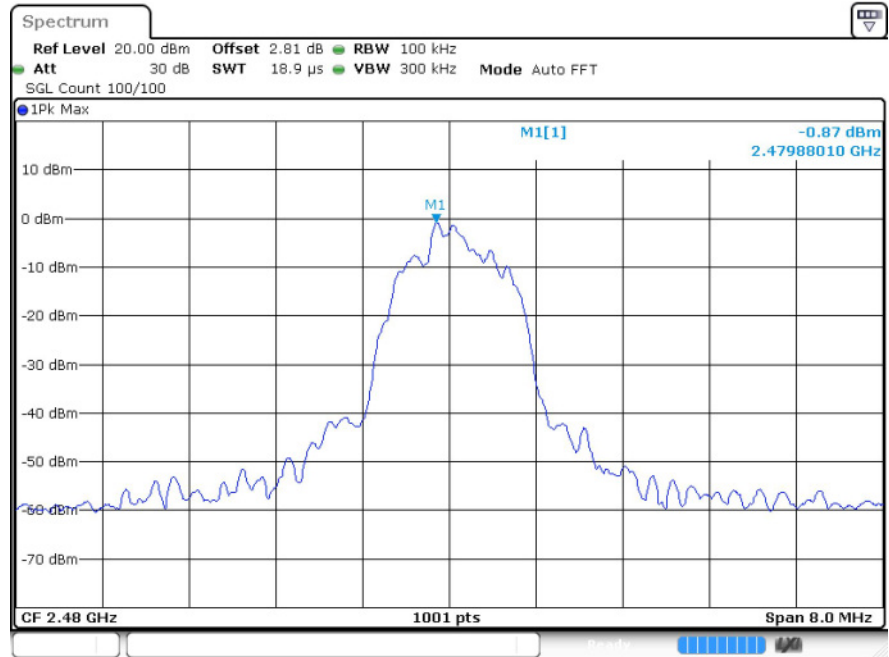
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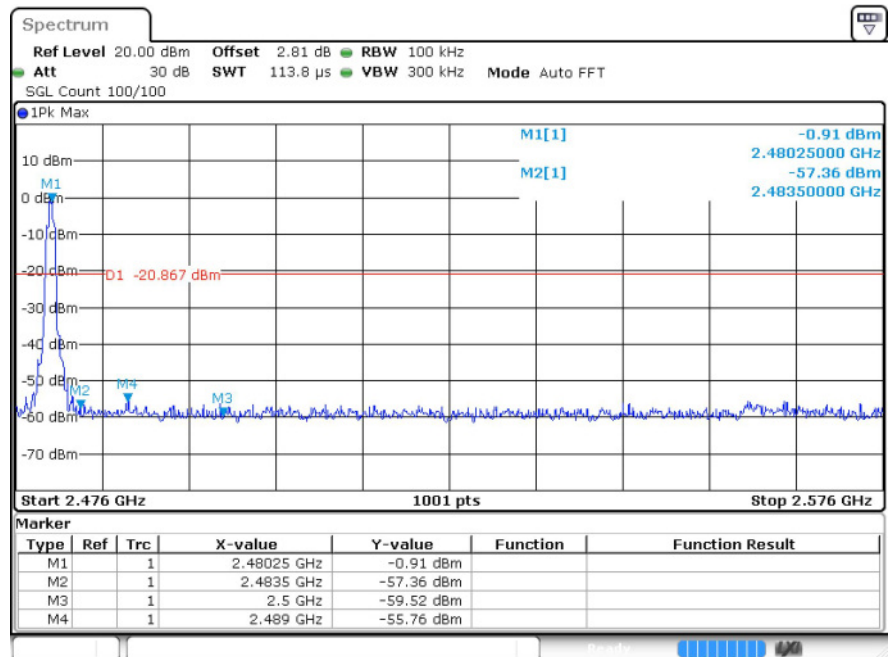
8DPSK/LCH/Hop



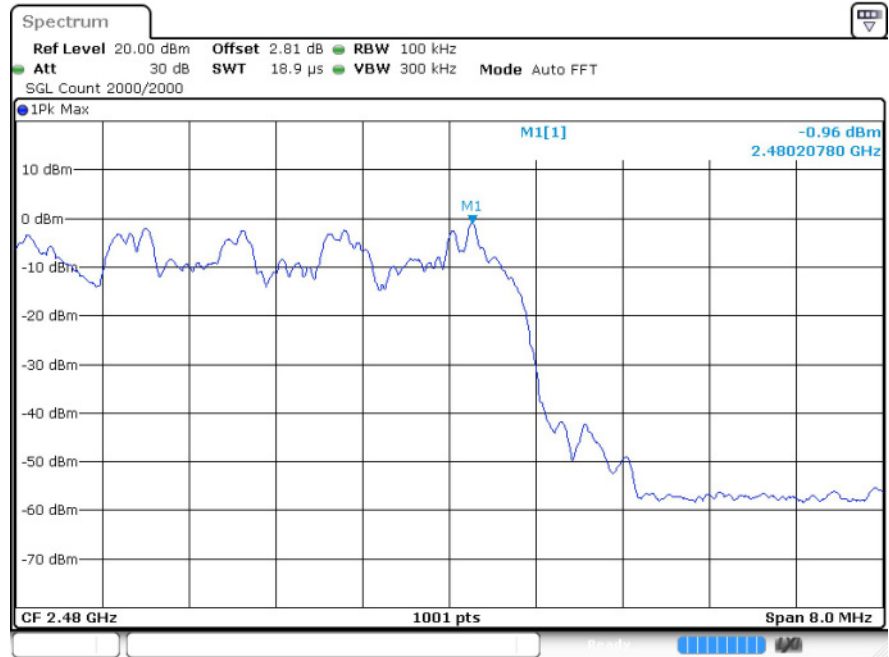
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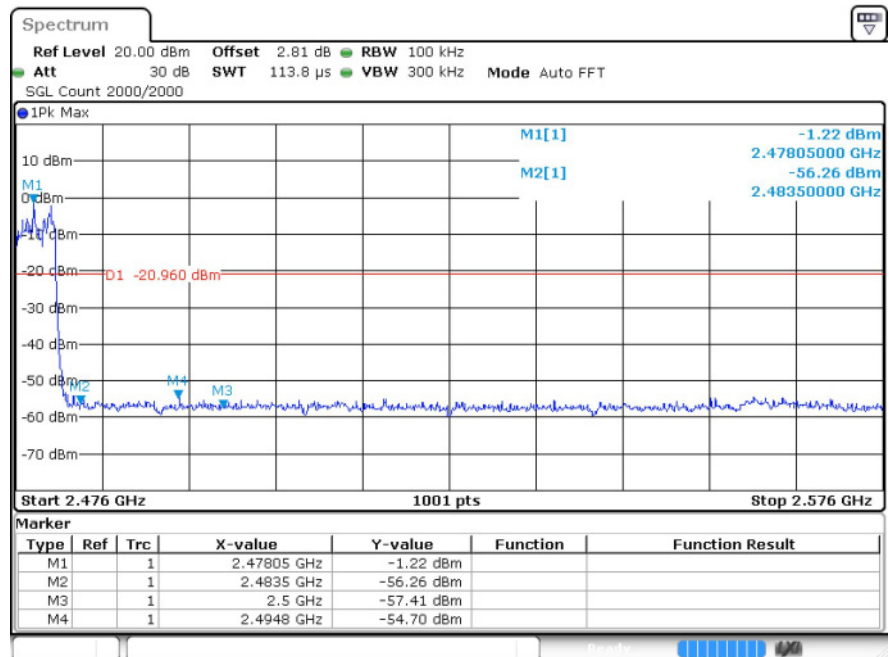
8DPSK/HCH/No Hop



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	-50.48	2	-	46.78	PEAK	74	Pass
	Off	2310.0	-57.6	2	5.06	44.72	AV	54	Pass
	Off	2363.472	-45.89	2	-	51.37	PEAK	74	Pass
	Off	2338.416	-55.13	2	5.06	47.19	AV	54	Pass
	Off	2390.0	-50.38	2	-	46.88	PEAK	74	Pass
	Off	2390.0	-56.2	2	5.06	46.12	AV	54	Pass
	Off	2483.5	-50.99	2	-	46.27	PEAK	74	Pass
	Off	2483.5	-56.46	2	4.95	45.75	AV	54	Pass
	Off	2494.072	-46.71	2	-	50.55	PEAK	74	Pass
	Off	2485.264	-55.74	2	4.95	46.47	AV	54	Pass
	Off	2500.0	-48.02	2	-	49.24	PEAK	74	Pass
	Off	2500.0	-56.48	2	4.95	45.73	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-50.13	2	-	47.13	PEAK	74	Pass
	Off	2310.0	-57.78	2	4.85	44.33	AV	54	Pass
	Off	2341.104	-45.43	2	-	51.83	PEAK	74	Pass
	Off	2338.128	-54.76	2	4.85	47.35	AV	54	Pass
	Off	2390.0	-50.73	2	-	46.53	PEAK	74	Pass
	Off	2390.0	-57.26	2	4.85	44.85	AV	54	Pass
	Off	2483.5	-49.38	2	-	47.88	PEAK	74	Pass
	Off	2483.5	-56.77	2	4.95	45.44	AV	54	Pass
	Off	2497.048	-46.95	2	-	50.31	PEAK	74	Pass
	Off	2495.656	-55.87	2	4.95	46.34	AV	54	Pass
	Off	2500.0	-49.58	2	-	47.68	PEAK	74	Pass
	Off	2500.0	-56.29	2	4.95	45.92	AV	54	Pass
8DPSK	Off	2310.0	-50.47	2	-	46.79	PEAK	74	Pass
	Off	2310.0	-56.67	2	4.85	45.44	AV	54	Pass
	Off	2366.544	-47.17	2	-	50.09	PEAK	74	Pass
	Off	2338.896	-54.49	2	4.85	47.62	AV	54	Pass

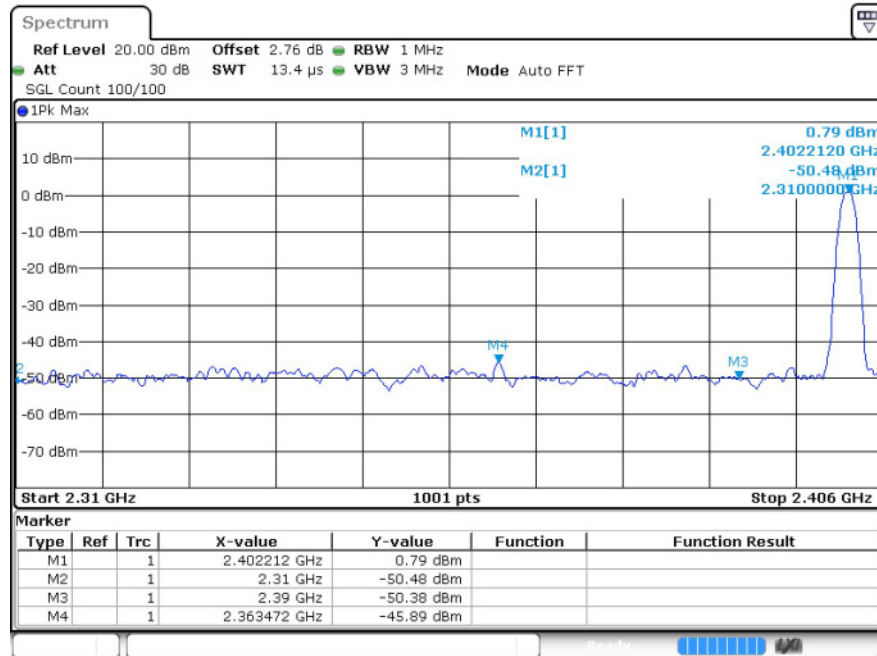


Off	2390.0	-51	2	-	46.26	PEAK	74	Pass
Off	2390.0	-56.89	2	4.85	45.22	AV	54	Pass
Off	2483.5	-48.58	2	-	48.68	PEAK	74	Pass
Off	2483.5	-56.24	2	4.89	45.91	AV	54	Pass
Off	2496.304	-47.6	2	-	49.66	PEAK	74	Pass
Off	2488.192	-56.13	2	4.89	46.02	AV	54	Pass
Off	2500.0	-48.13	2	-	49.13	PEAK	74	Pass
Off	2500.0	-56.87	2	4.89	45.28	AV	54	Pass

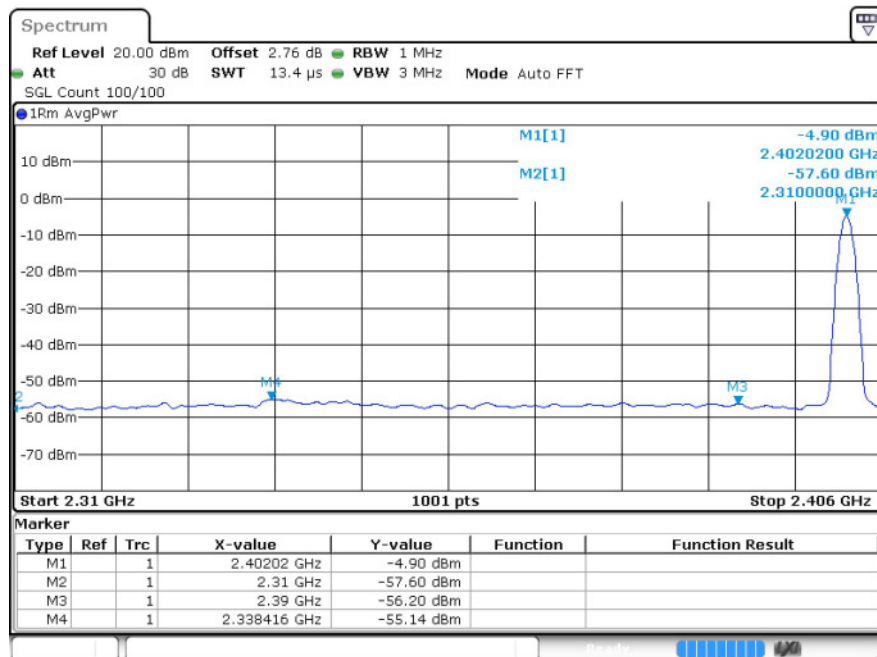
Note: Left and right ear have been tested and the only shows the worst case mode.

9.2 Test Graphs

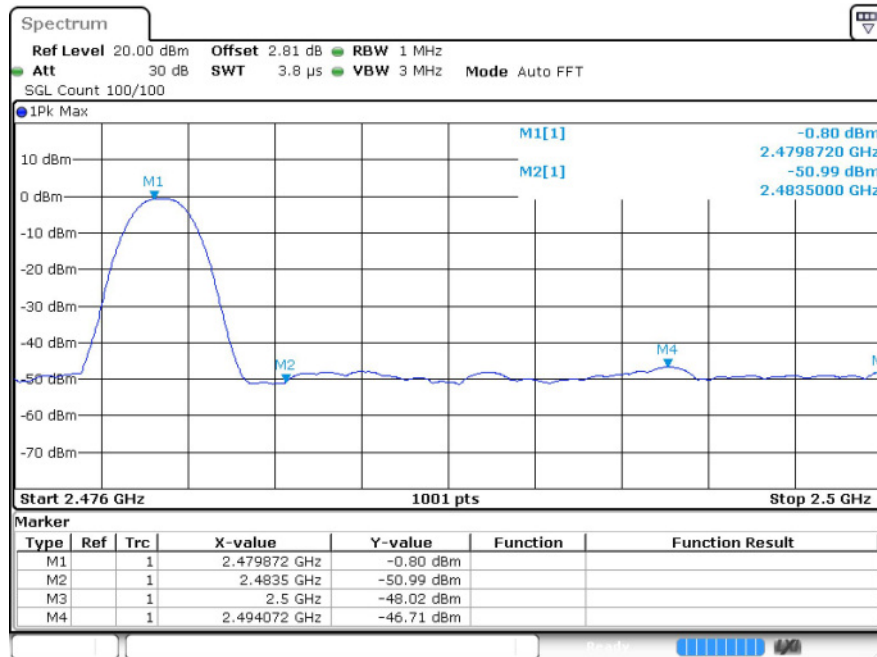
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



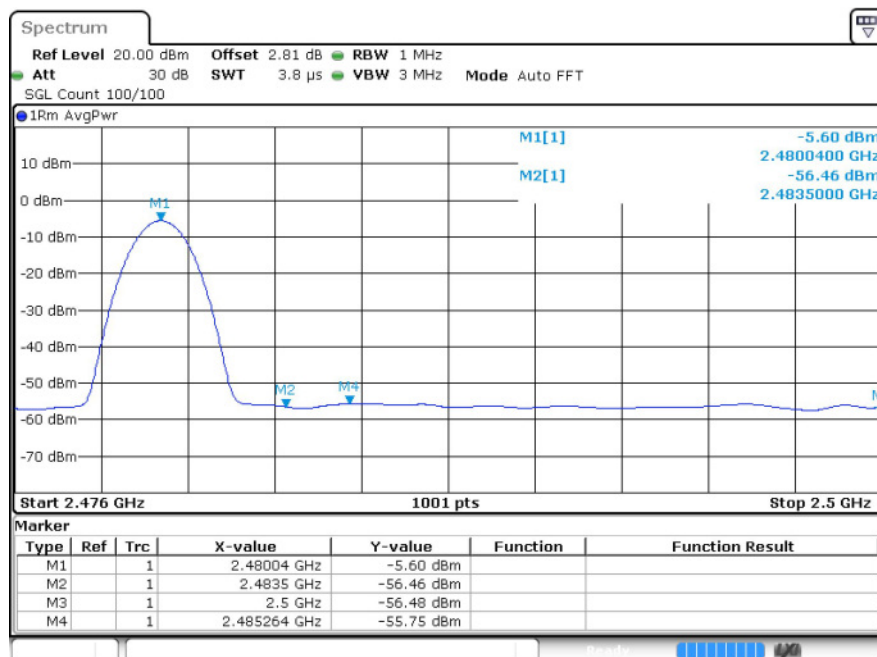
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



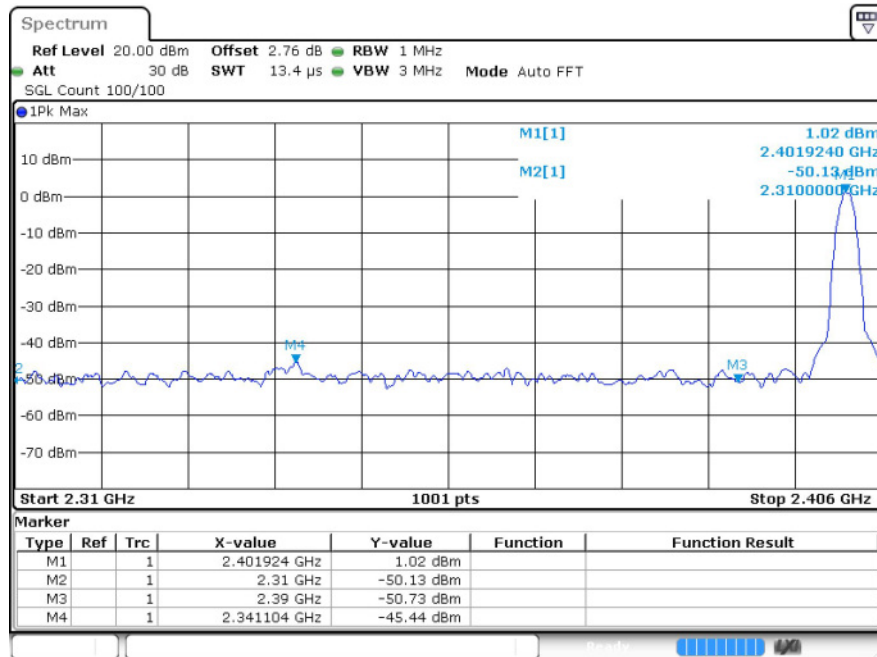
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



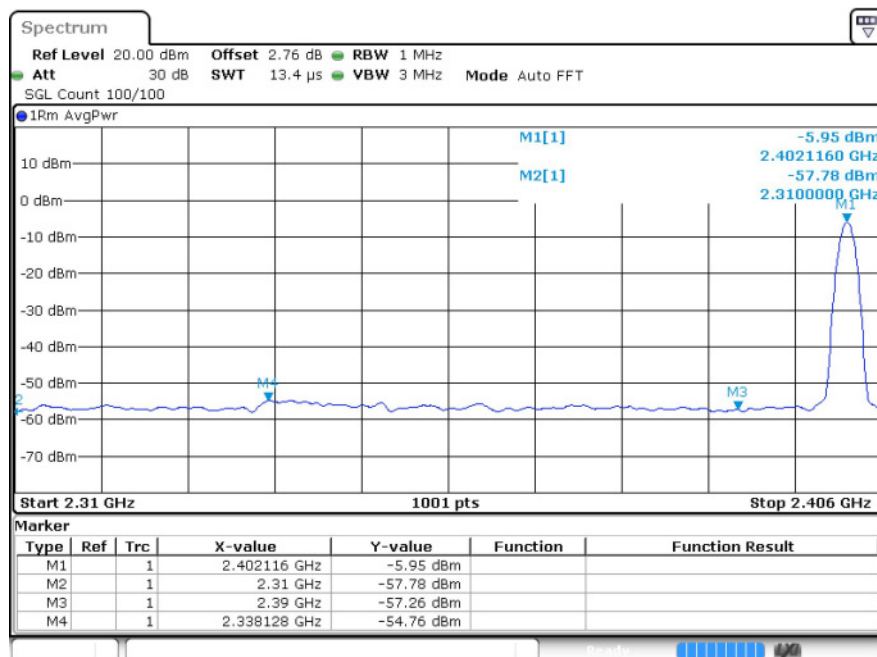
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



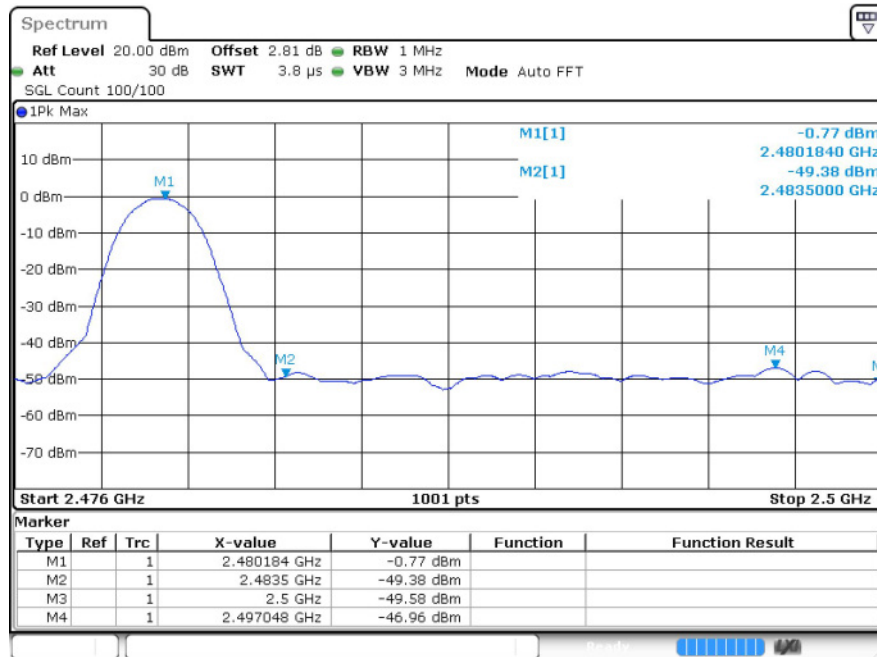
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



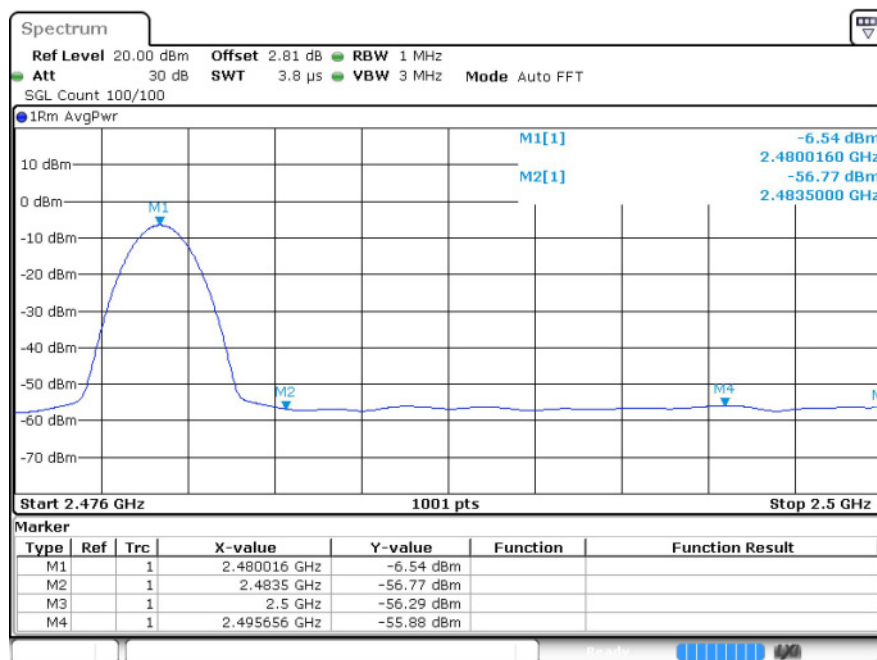
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



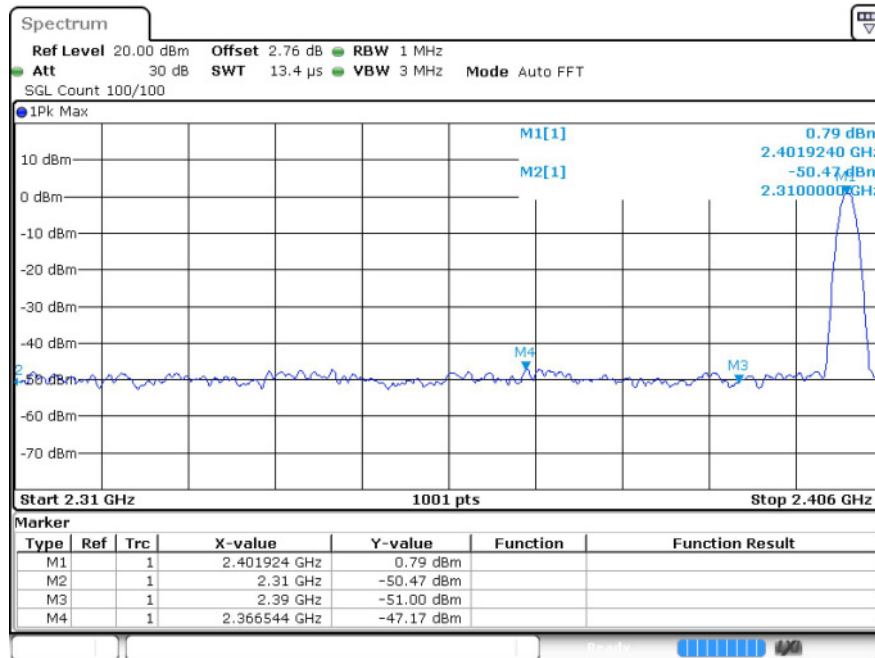
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



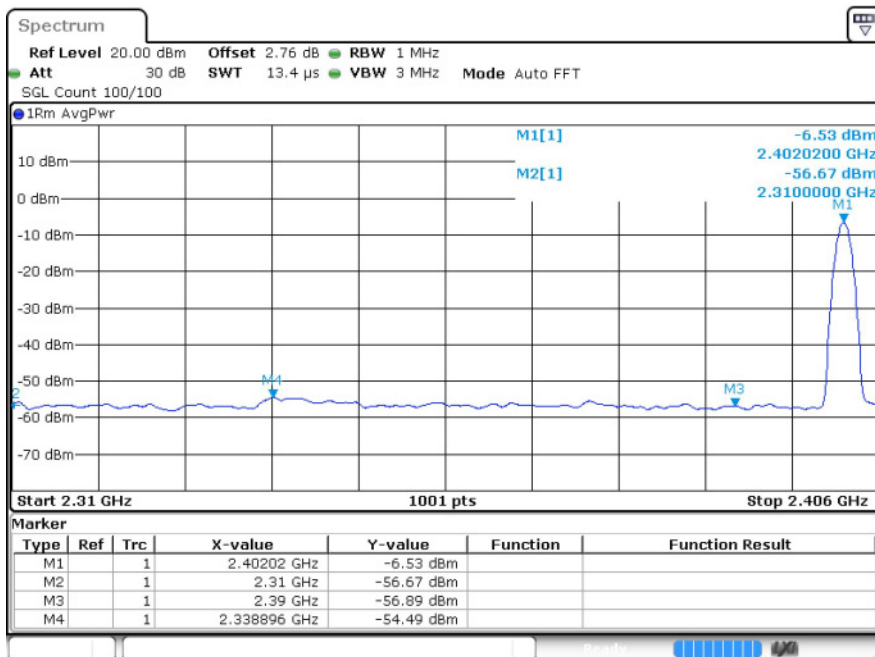
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



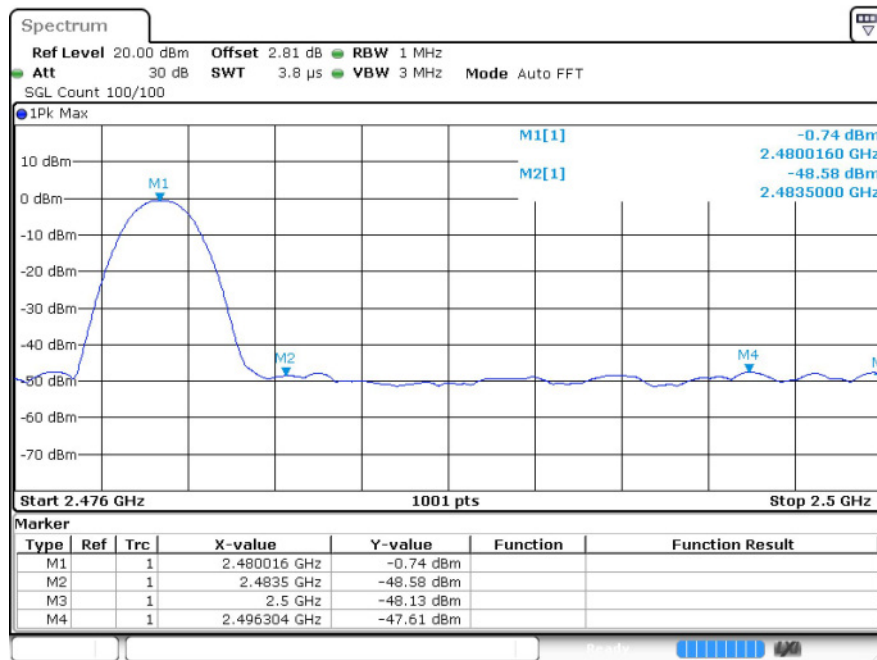
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



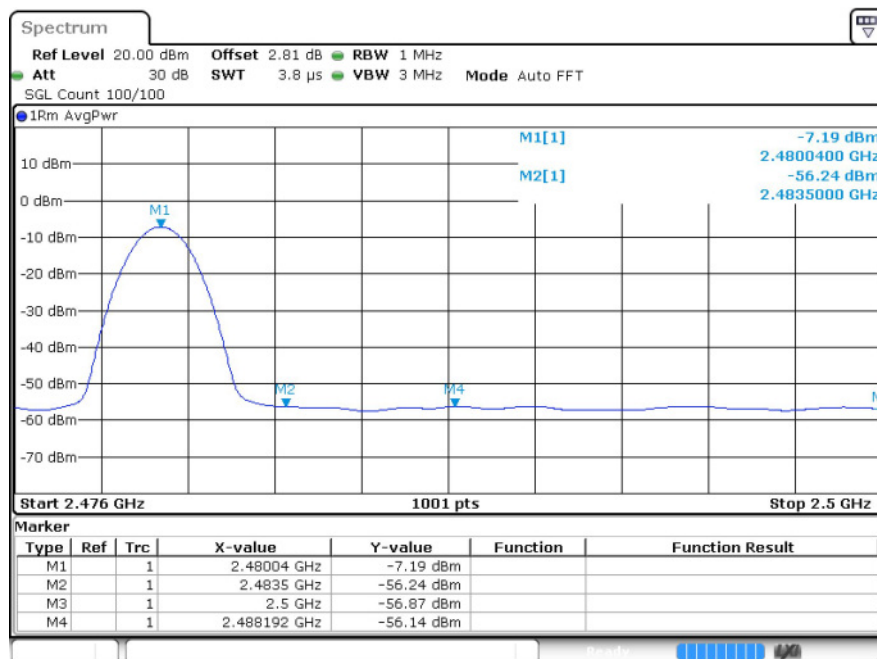
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---