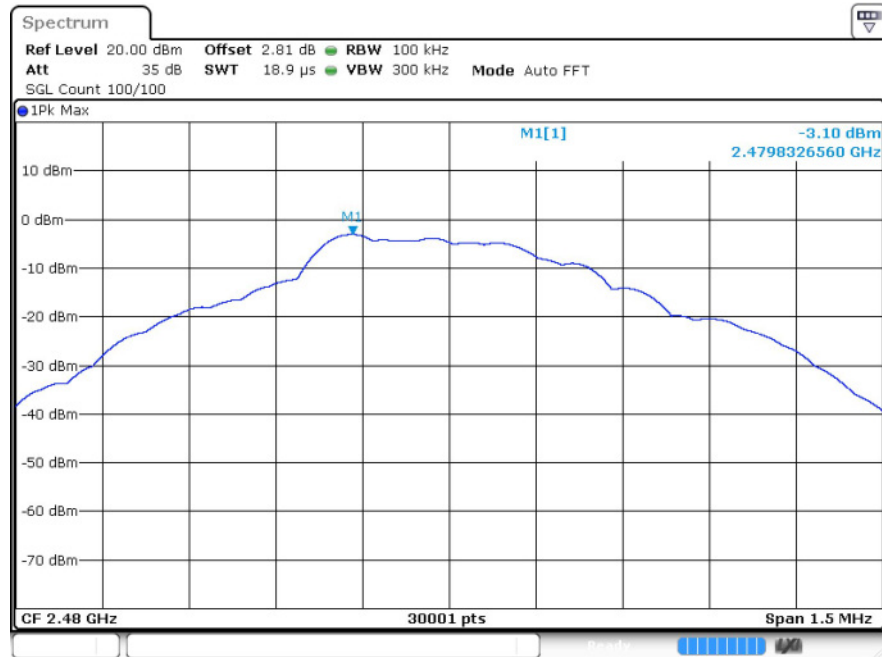
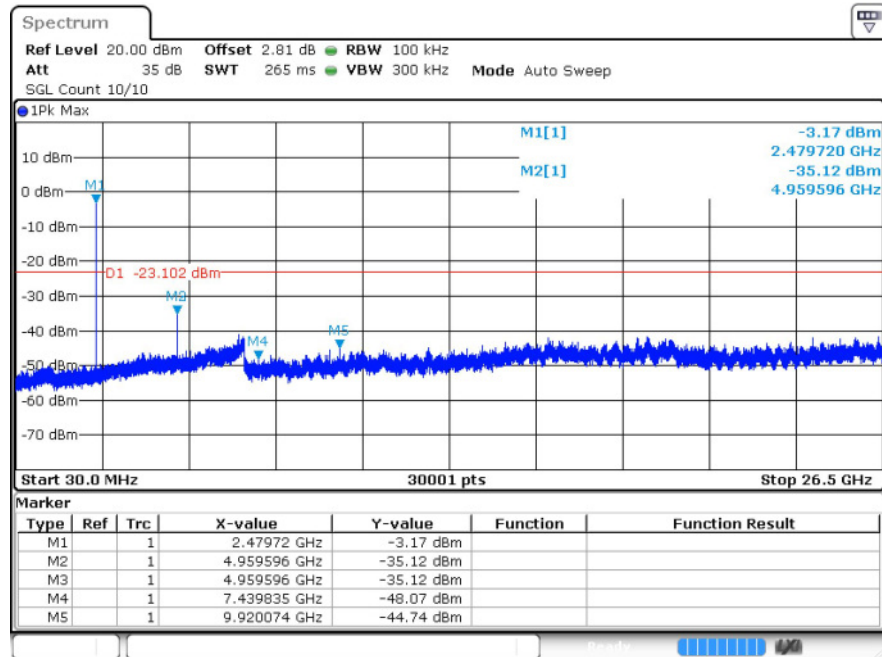


GFSK_HCH_Graphs

Pref

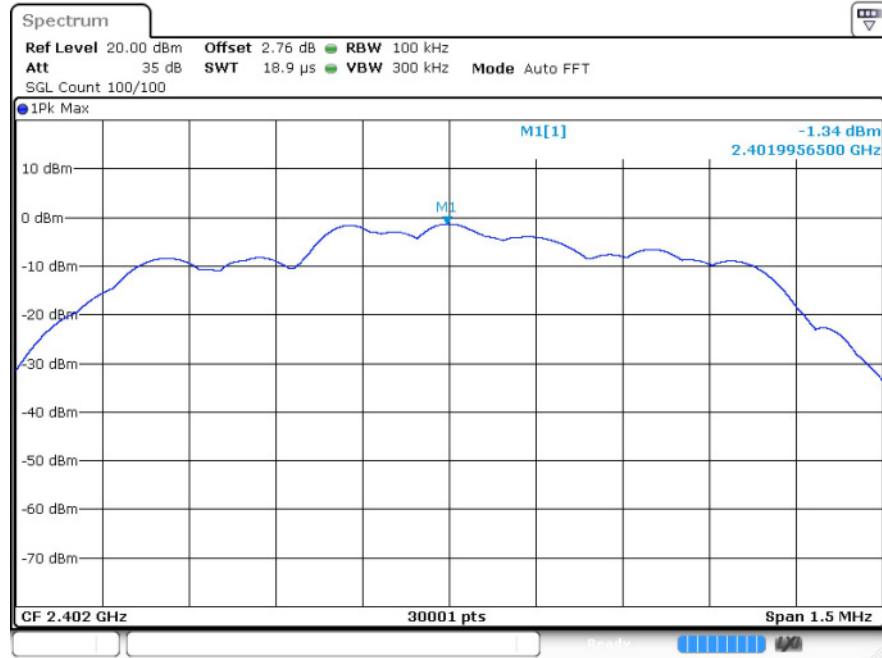


Puw

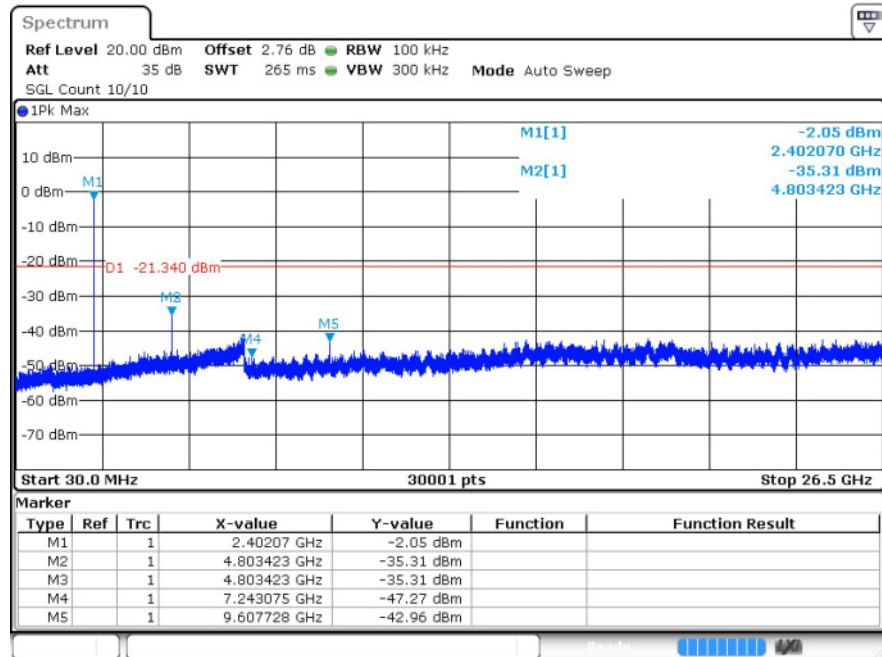


$\pi/4$ DQPSK_LCH_Graphs

Pref

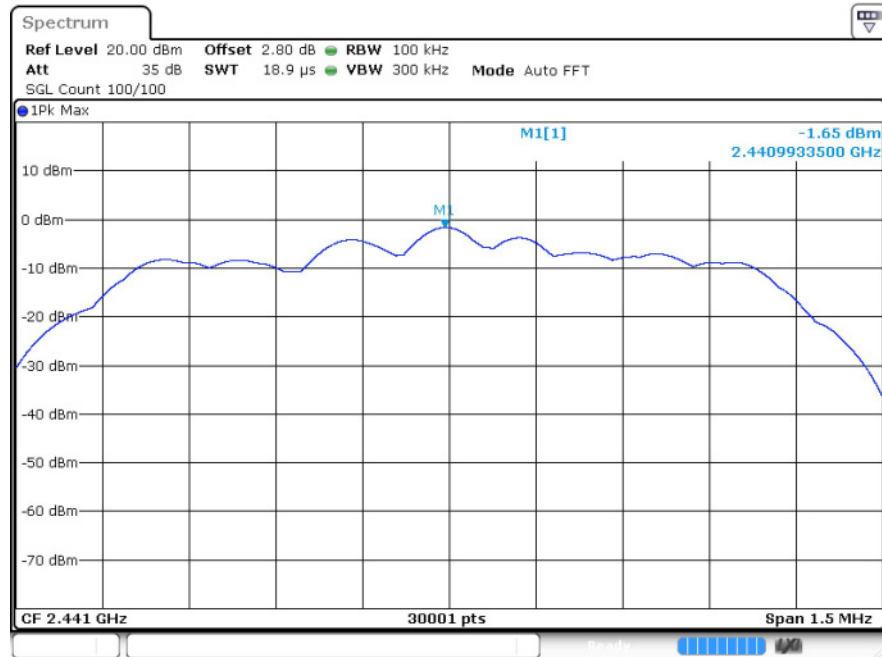


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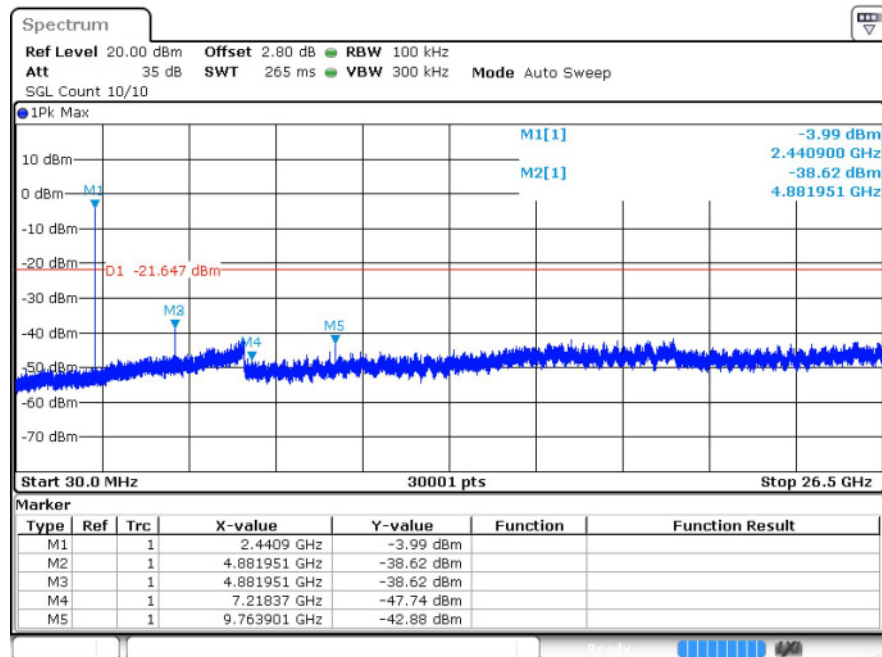


π /4DQPSK_MCH_Graphs

Pref

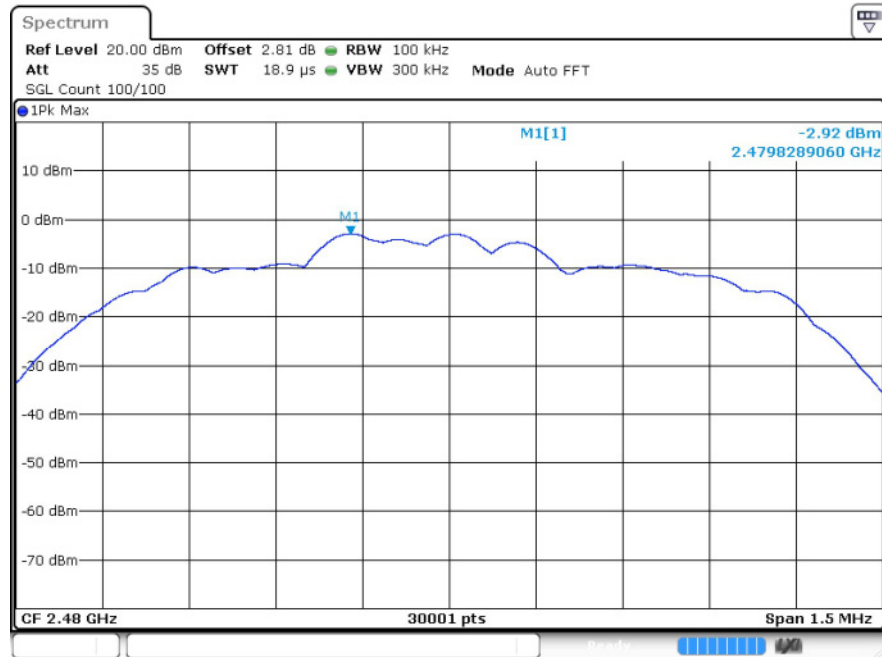


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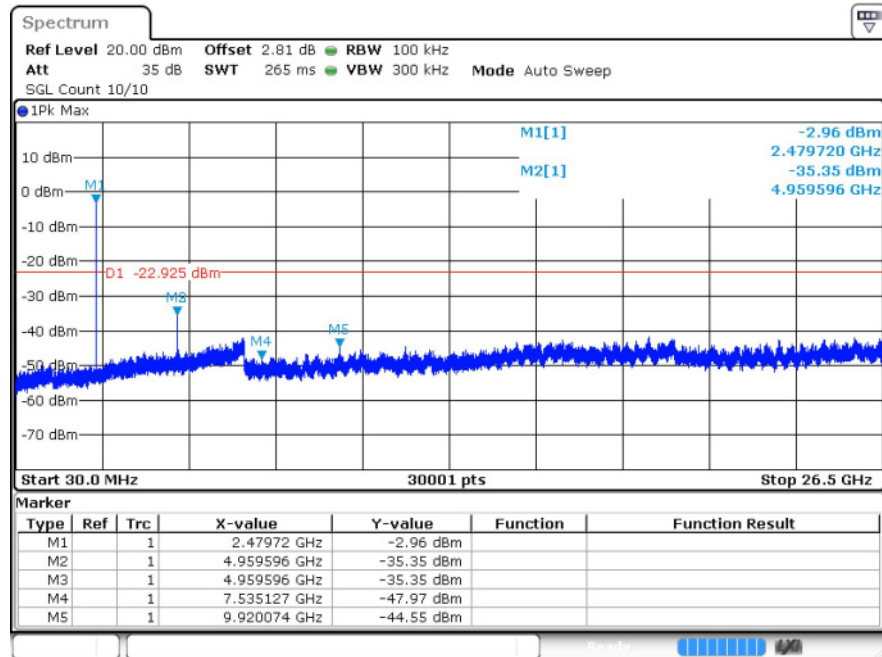


$\pi/4$ DQPSK_HCH_Graphs

Pref

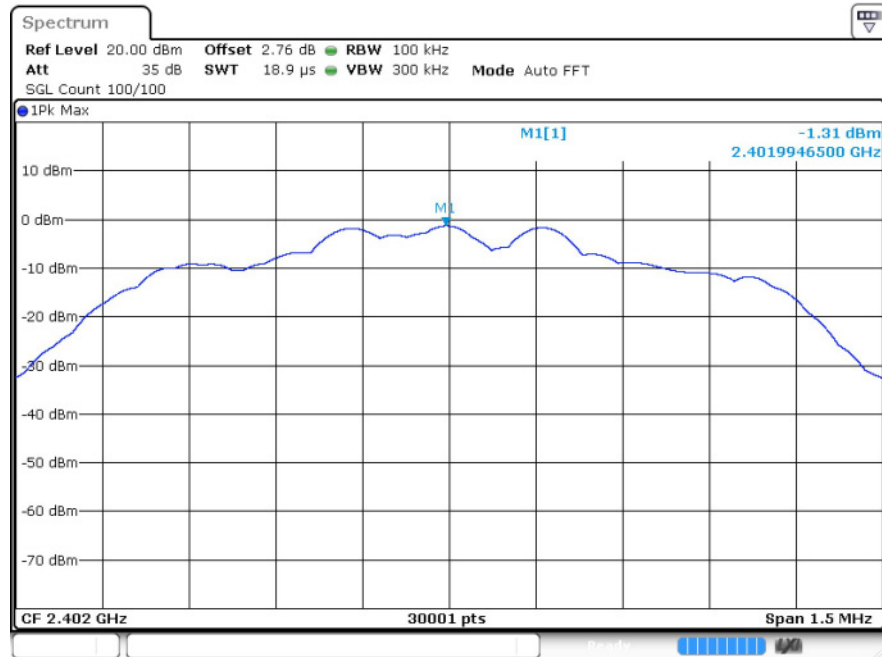


Puw

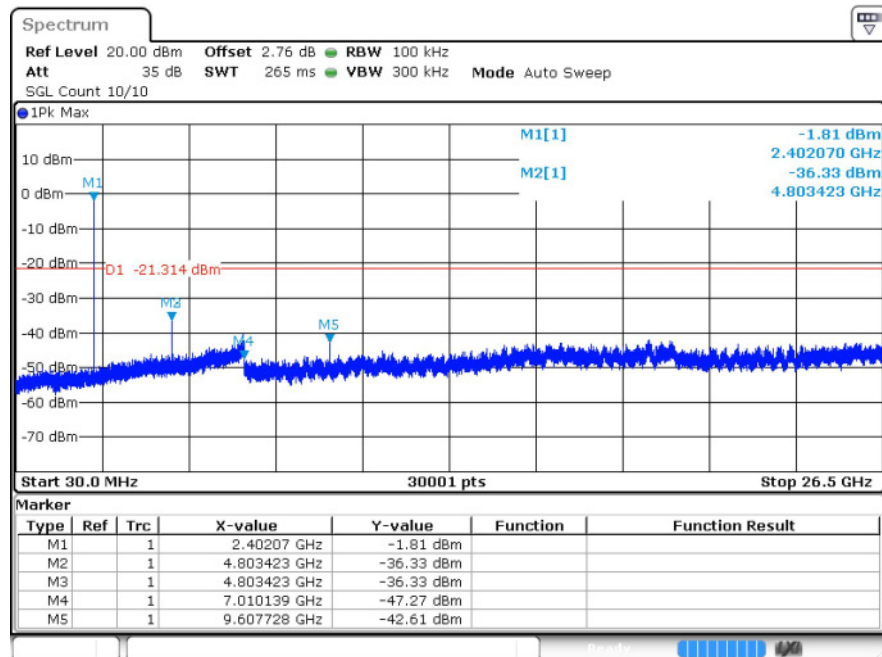


8DPSK_LCH_Graphs

Pref

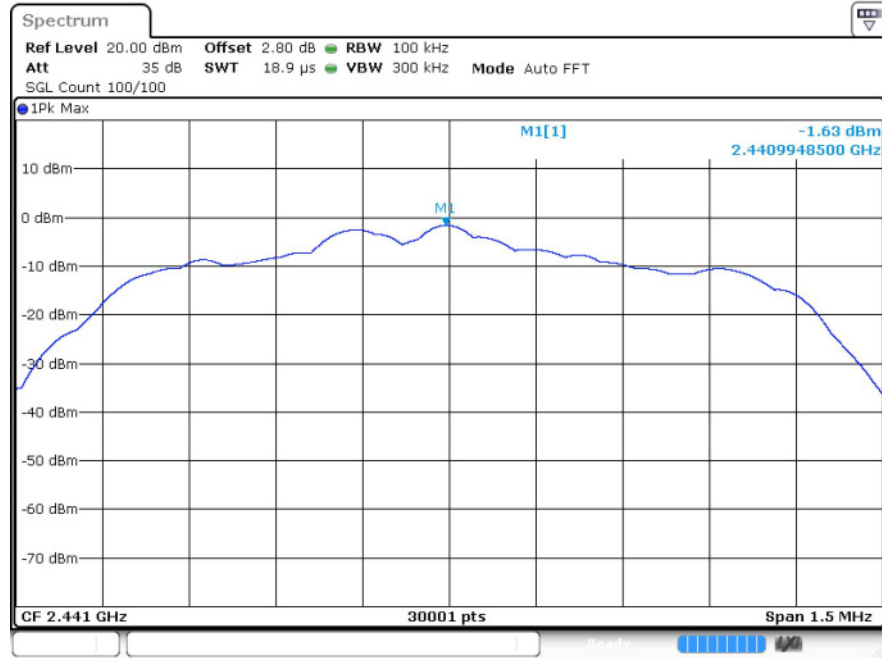


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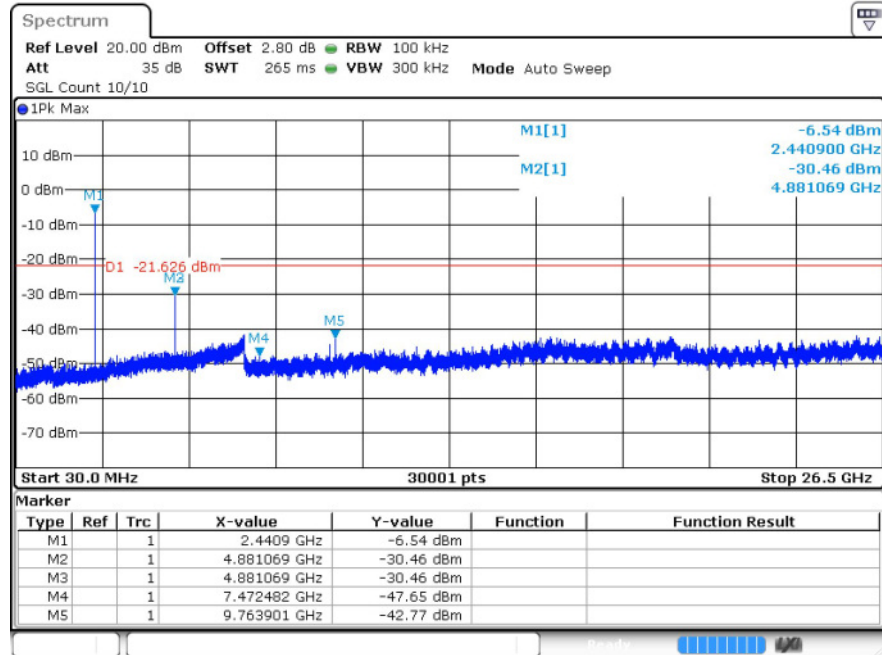


8DPSK_MCH_Graphs

Pref

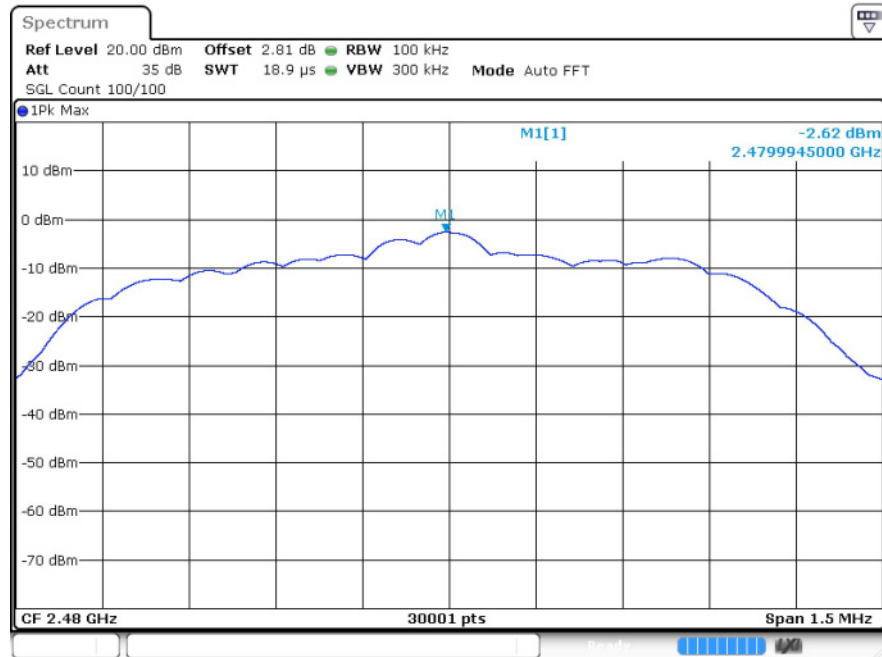


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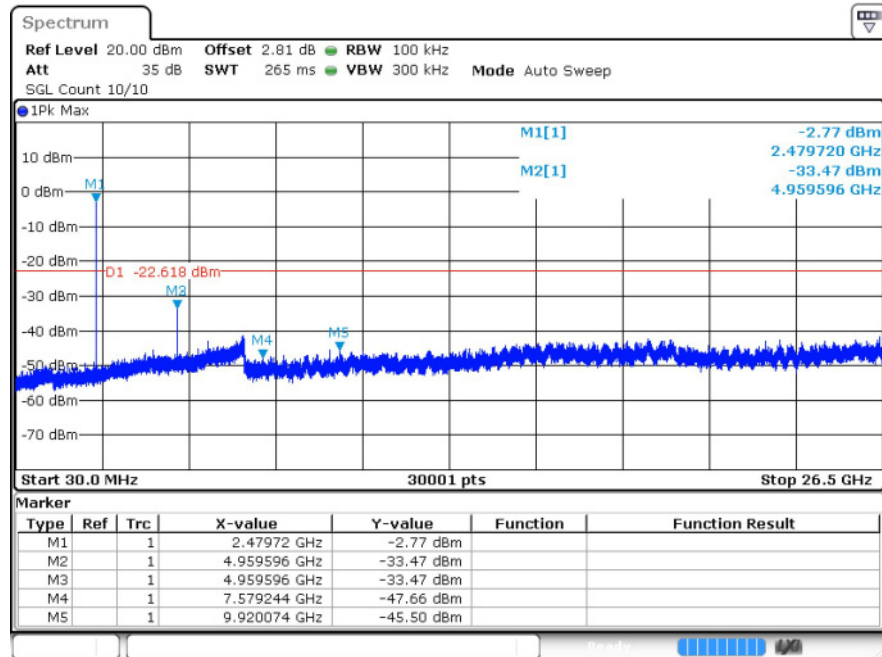


8DPSK_HCH_Graphs

Pref



Puw



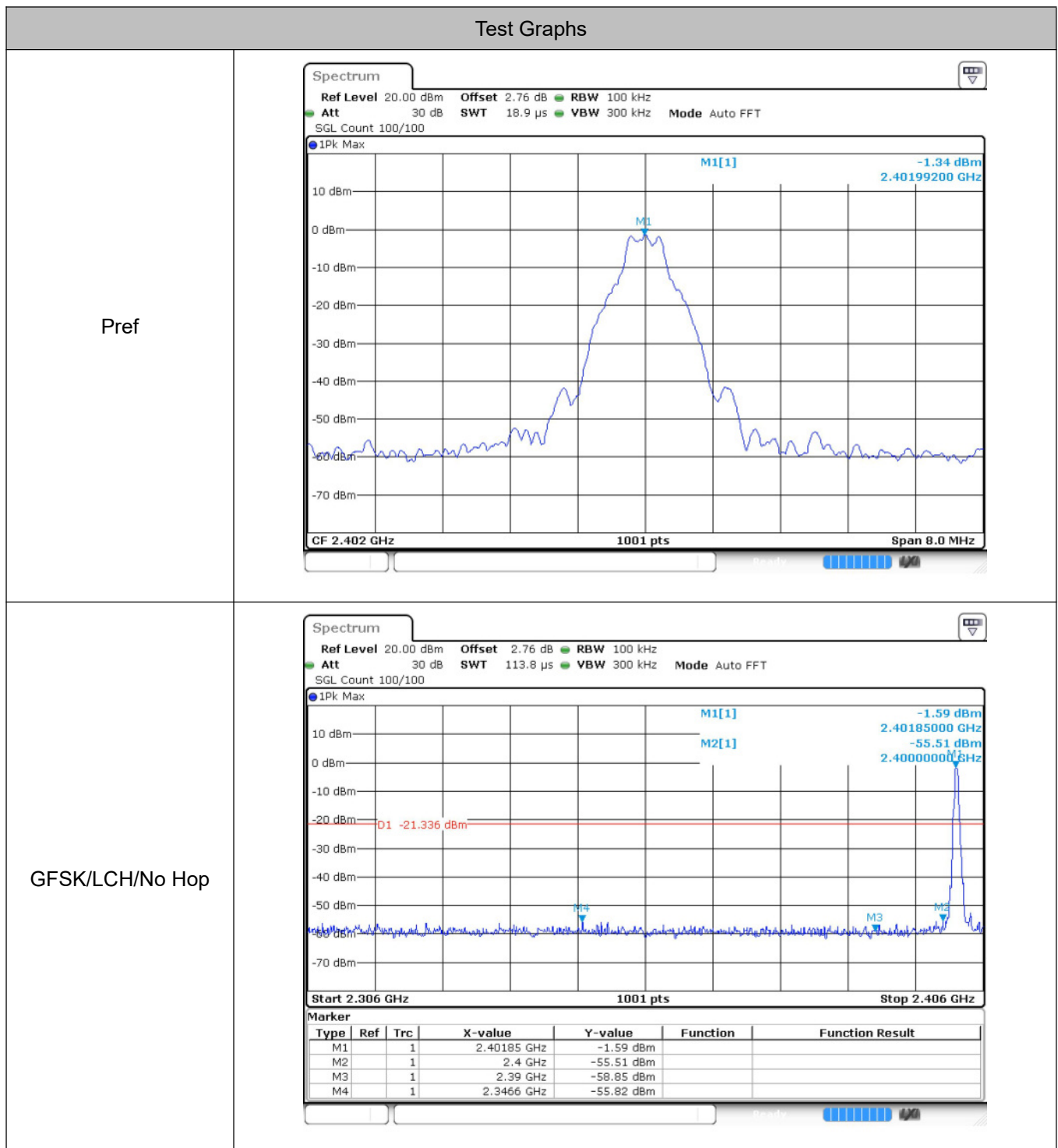
8 Band-edge for RF Conducted Emissions

8.1 Test Result

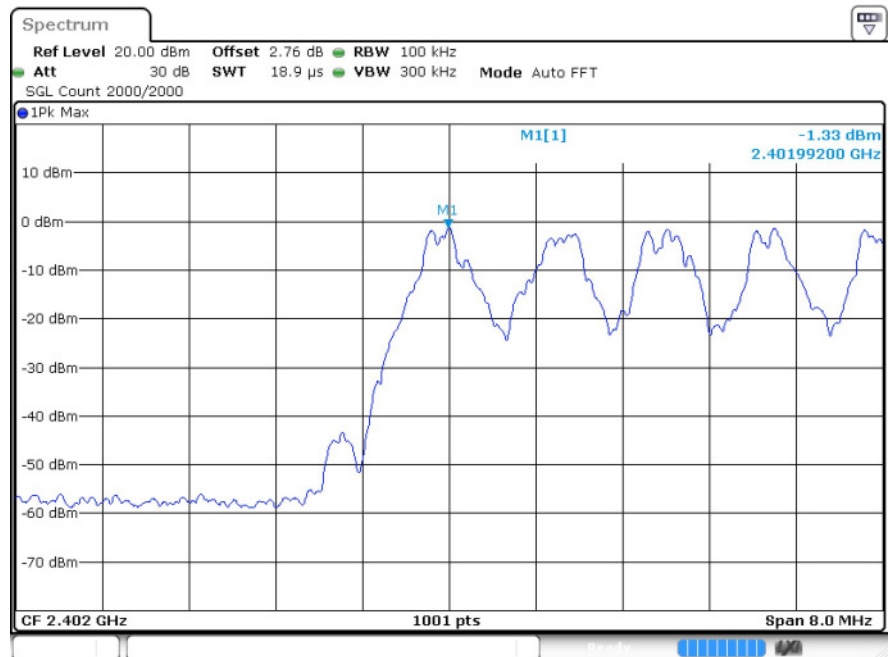
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-54.47	-20	Pass
			On	-53.34	-20	Pass
	HCH	2480	Off	-53.4	-20	Pass
			On	-52.56	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-54.65	-20	Pass
			On	-53.37	-20	Pass
	HCH	2480	Off	-53.31	-20	Pass
			On	-52.66	-20	Pass
8DPSK	LCH	2402	Off	-53.48	-20	Pass
			On	-53.47	-20	Pass
	HCH	2480	Off	-52.3	-20	Pass
			On	-52.28	-20	Pass

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

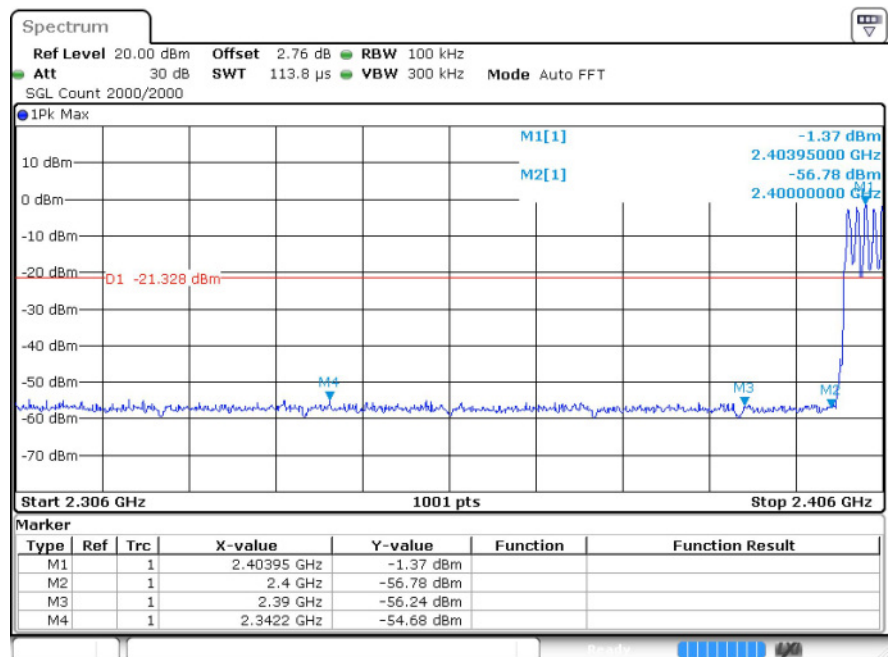
8.2 Test Graphs



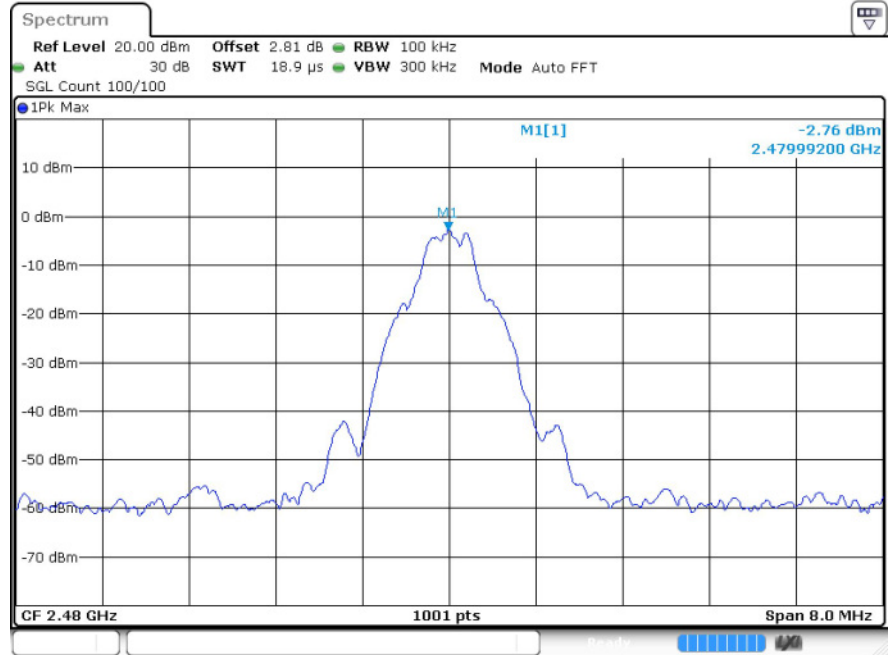
Ref



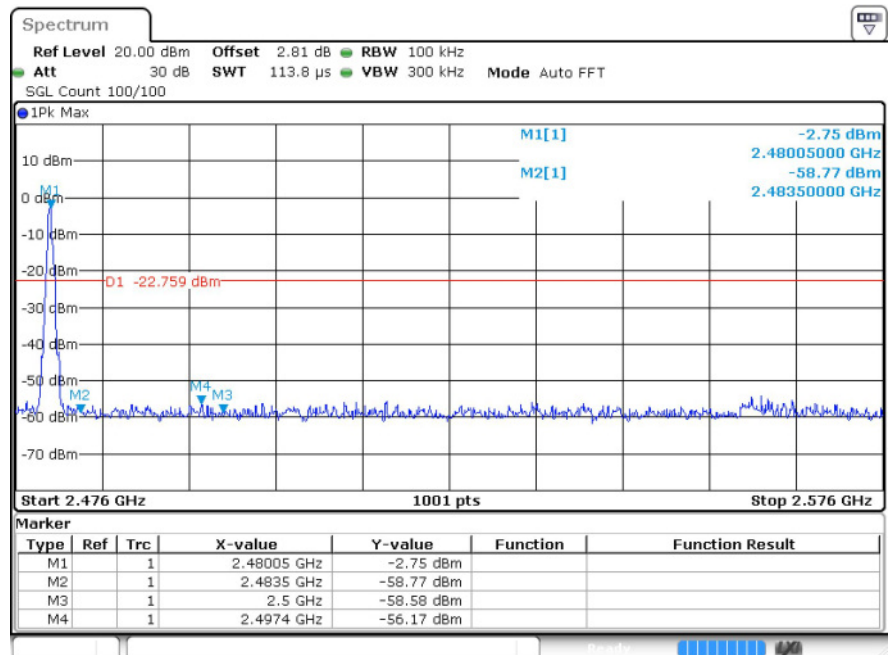
GFSK/LCH/Hop



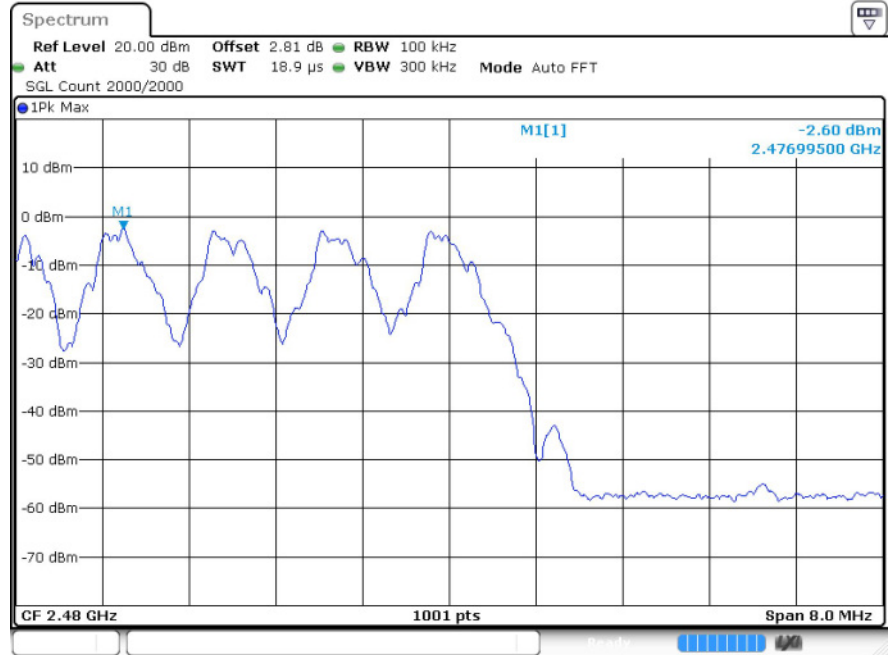
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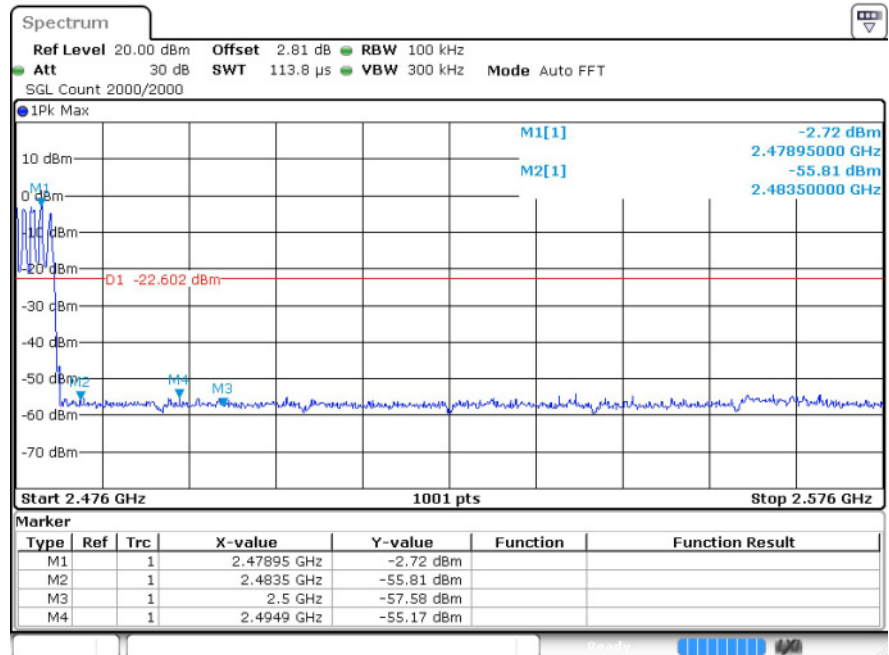
GFSK/HCH/No Hop



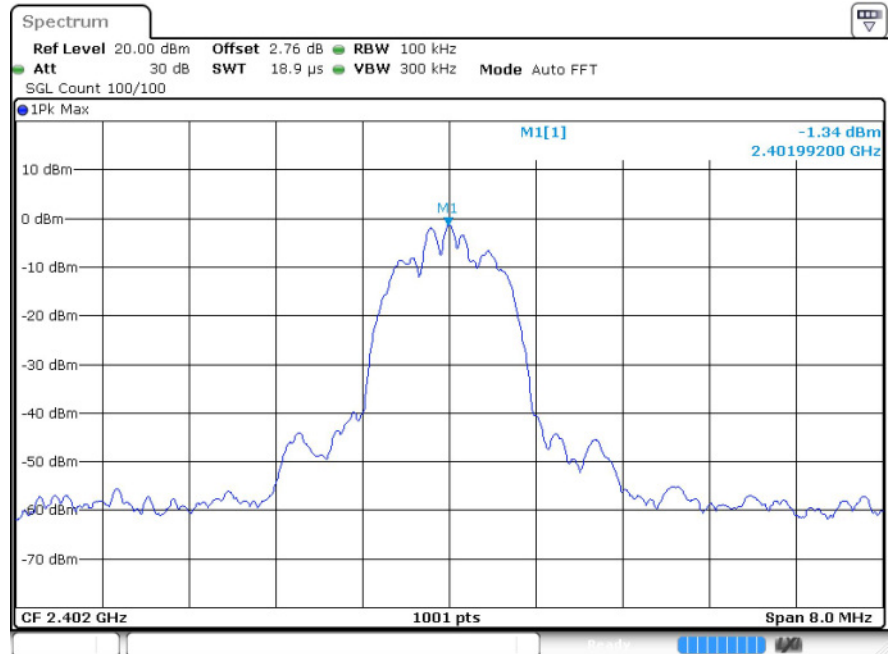
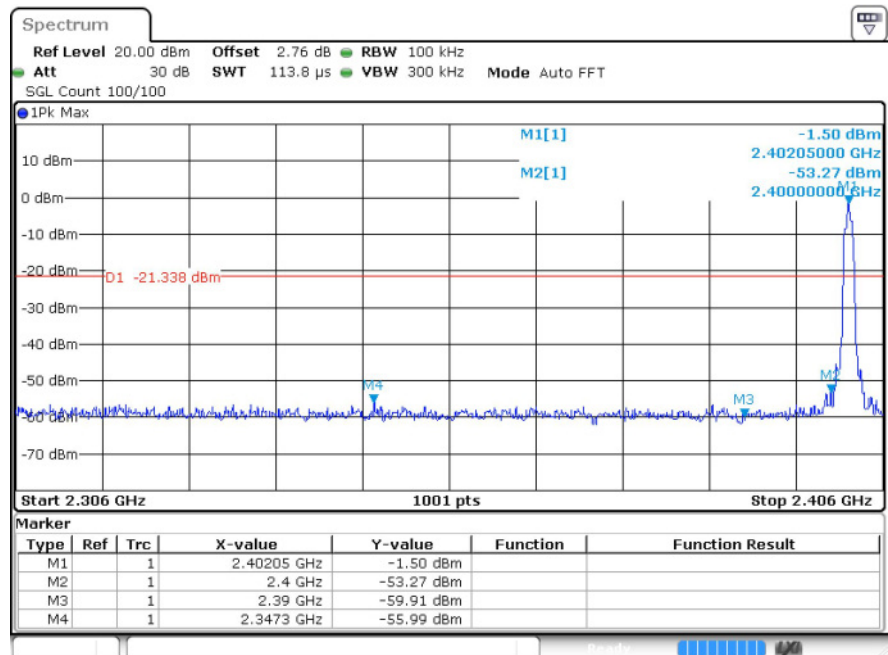
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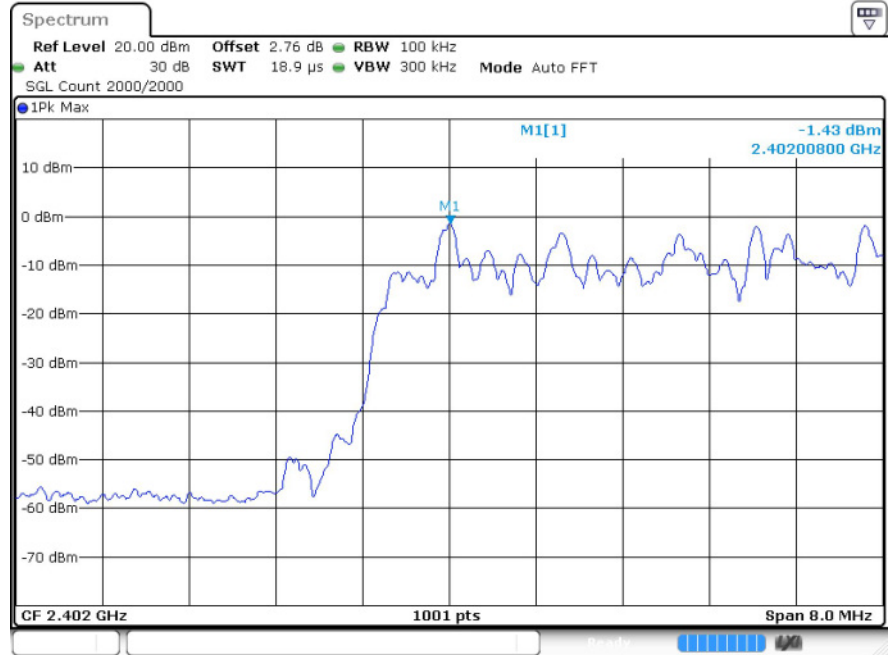
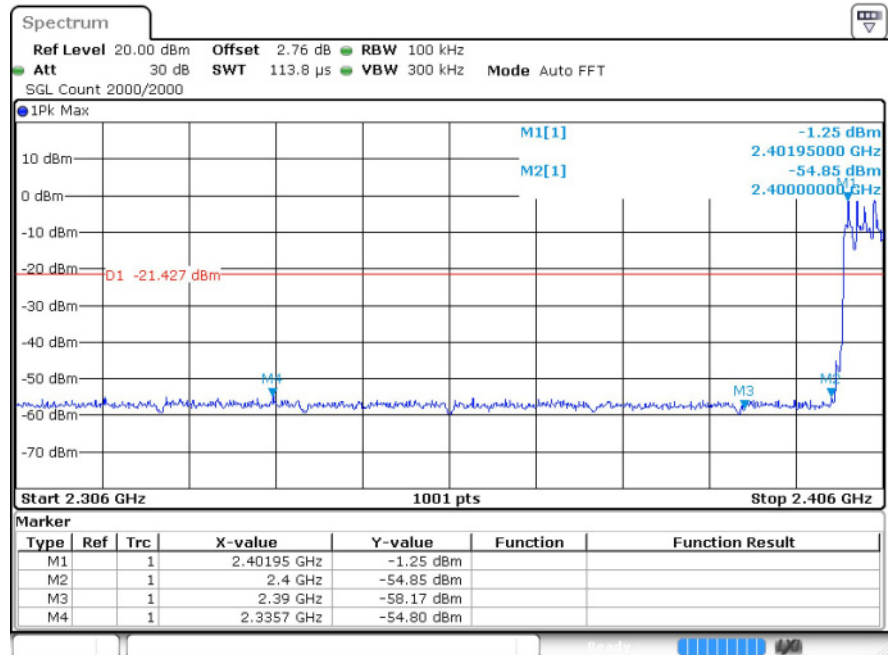
GFSK/HCH/Hop



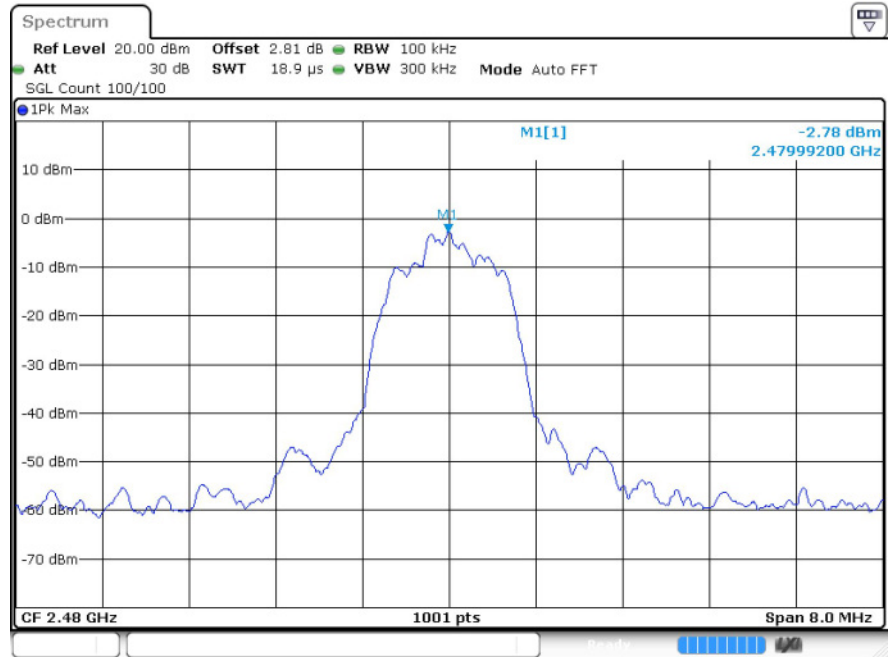
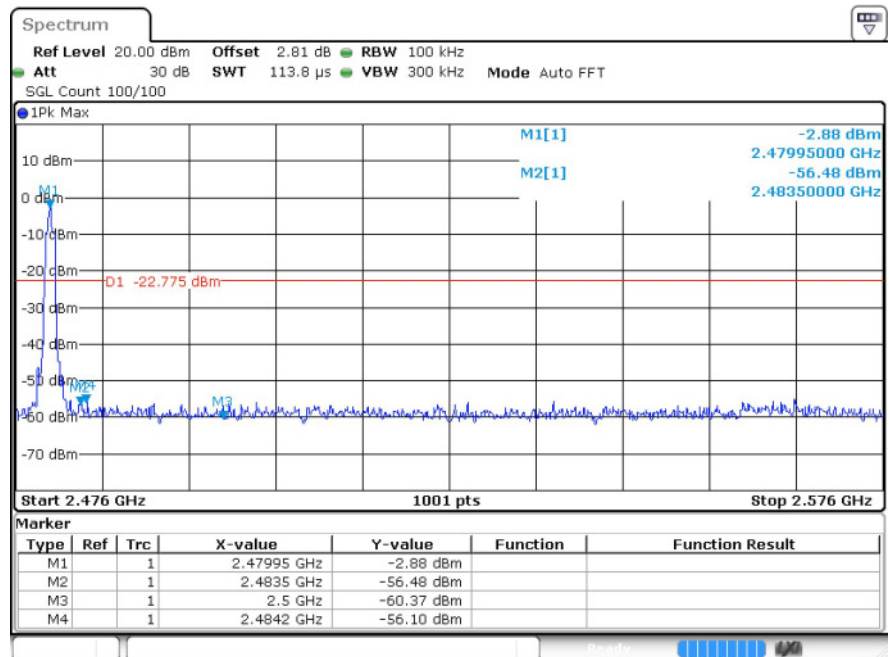
Ref


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


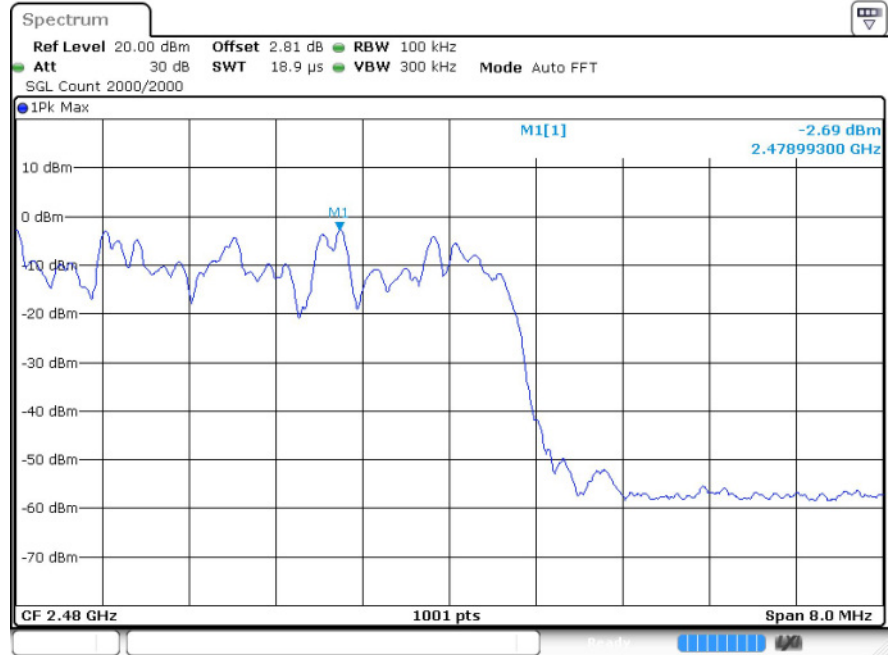
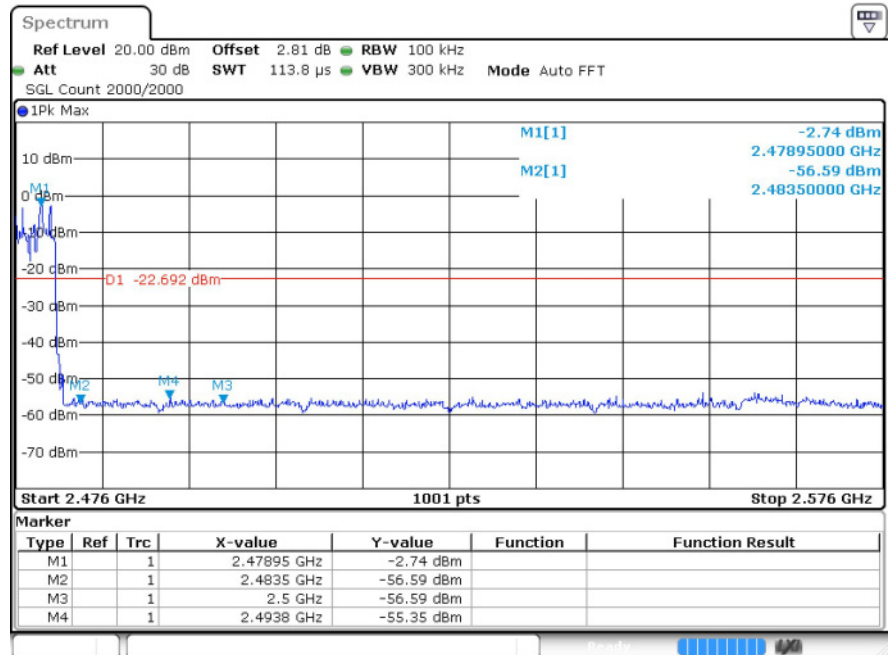
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 $\pi/4$ DQPSK/LCH/Hop


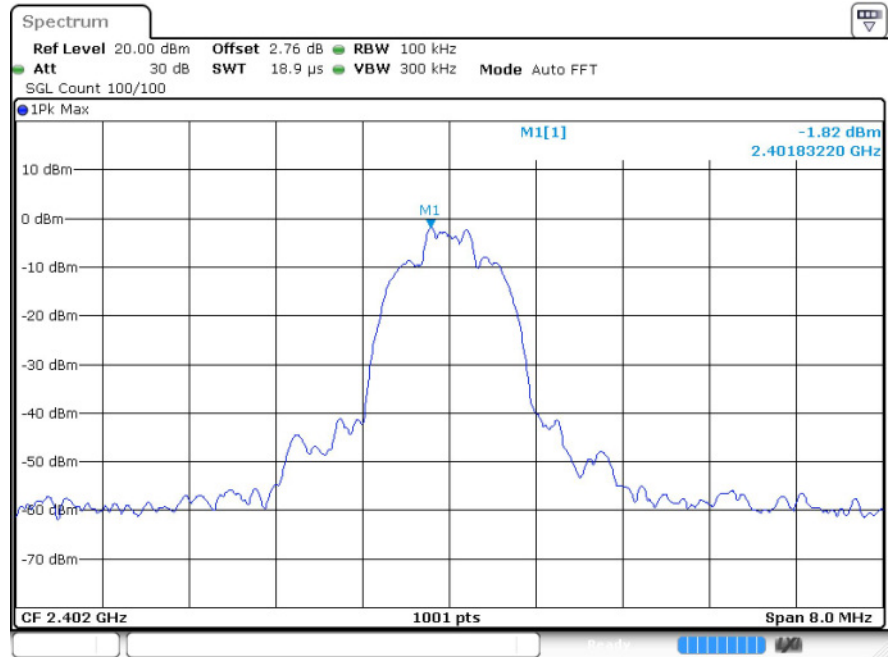
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 $\pi/4$ DQPSK/HCH/No Hop


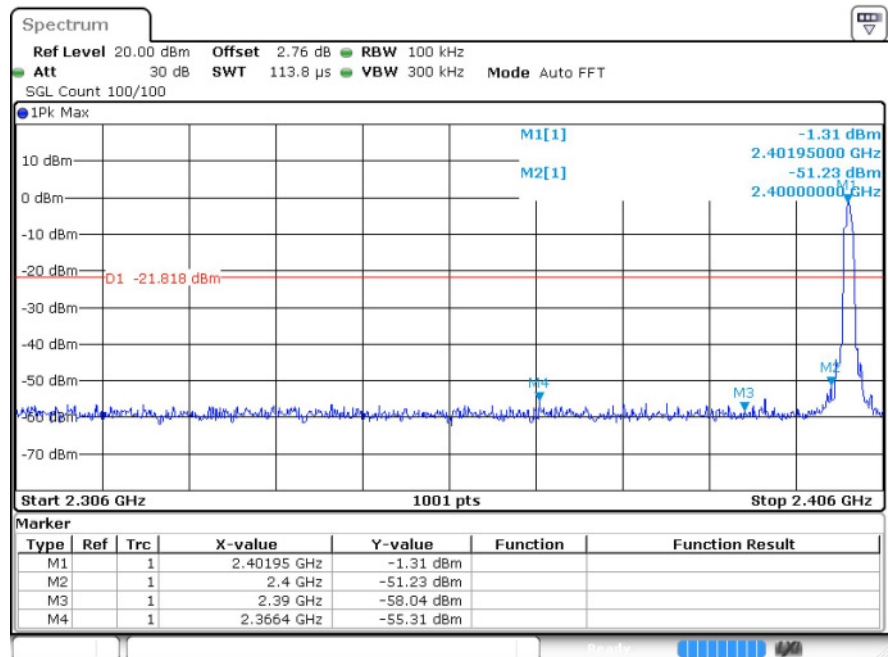
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 $\pi/4$ DQPSK/HCH/Hop


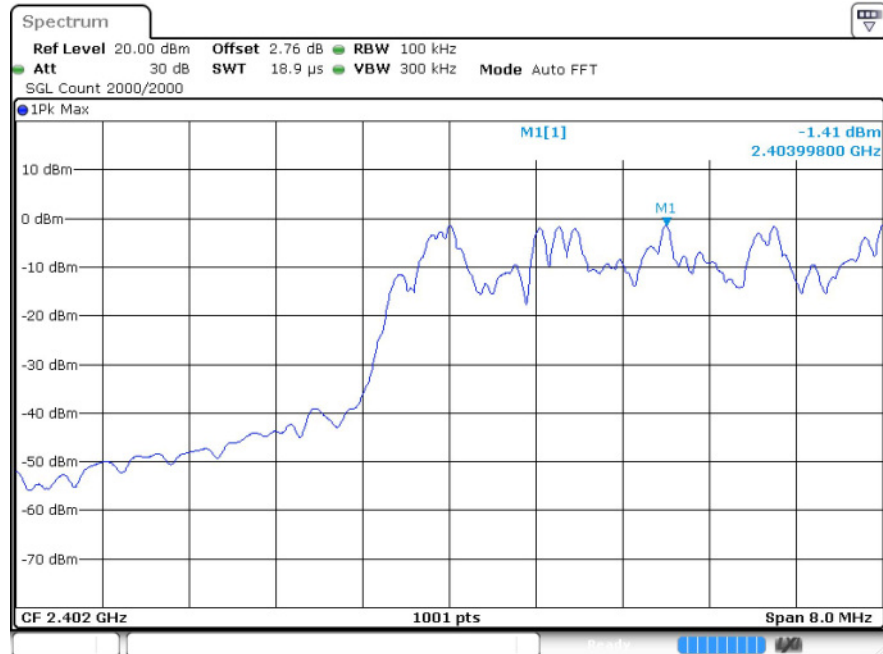
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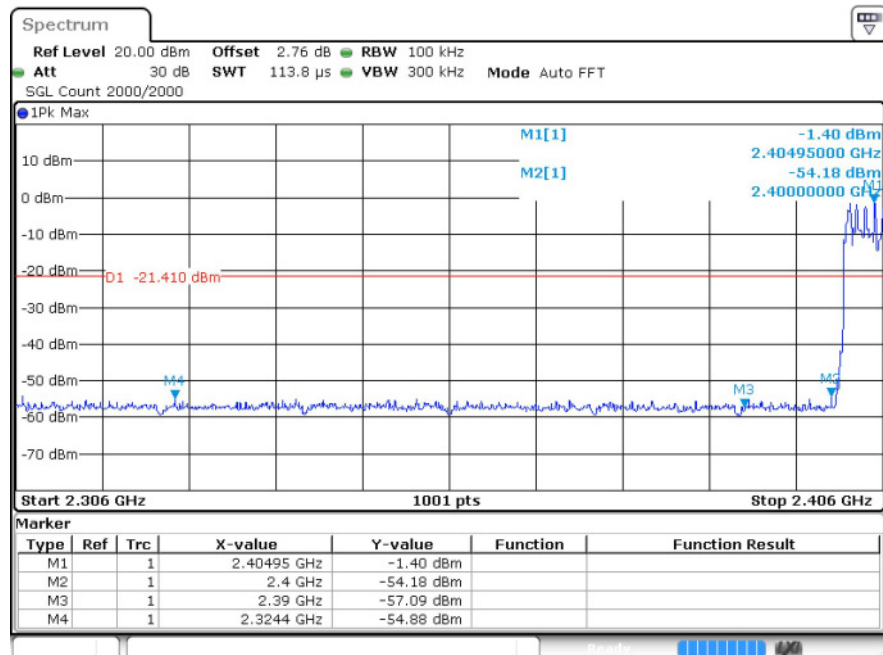
8DPSK/LCH/No Hop



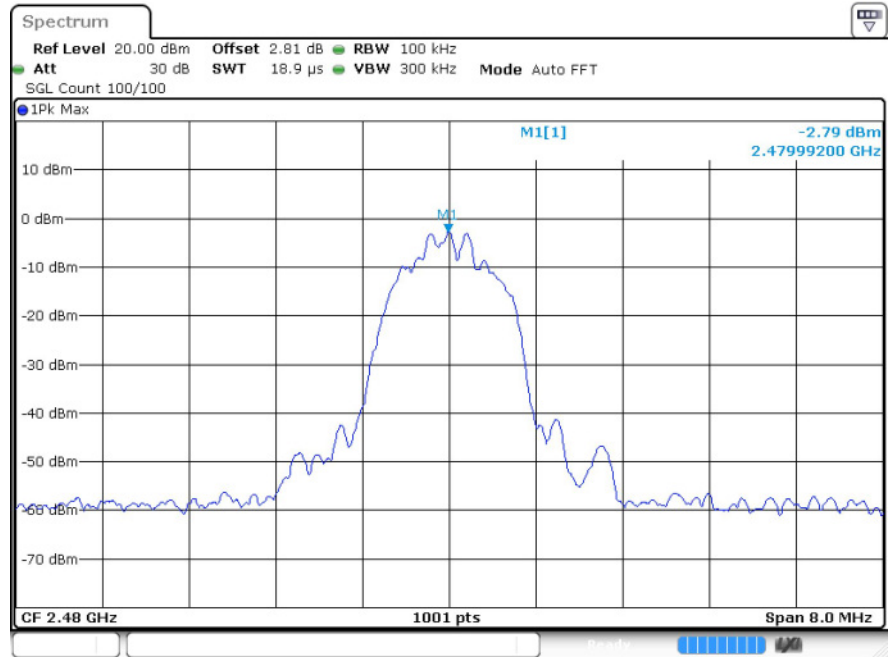
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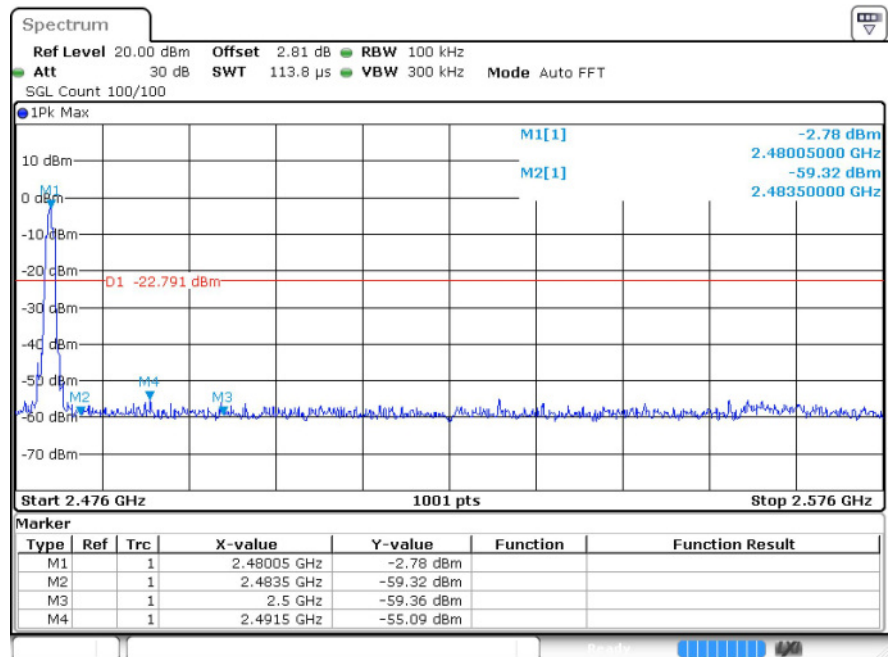
8DPSK/LCH/Hop



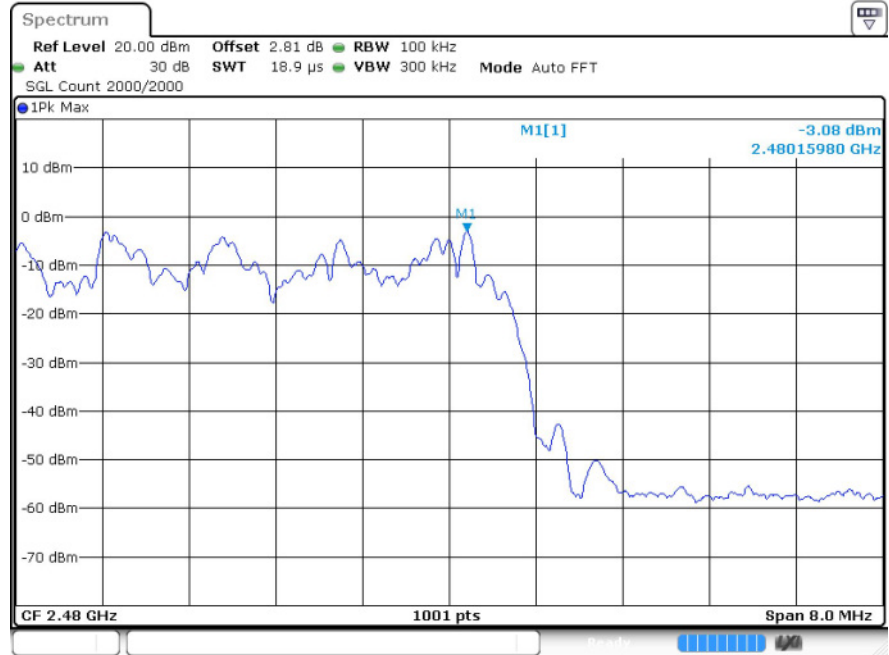
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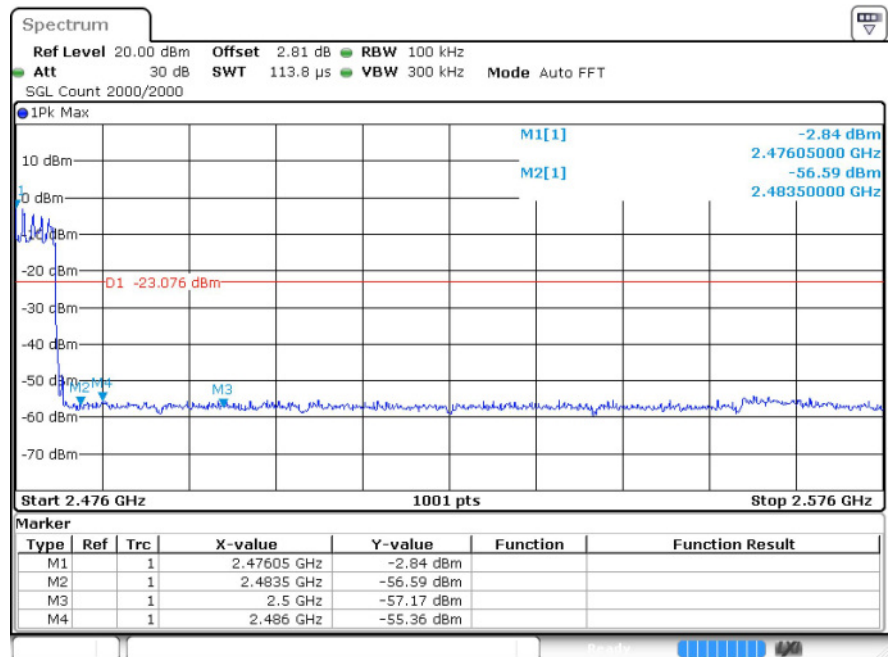
8DPSK/HCH/No Hop



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	-49.96	2	-	47.3	PEAK	74	Pass
	Off	2310.0	-56.2	2	4.74	45.8	AV	54	Pass
	Off	2336.592	-46.82	2	-	50.44	PEAK	74	Pass
	Off	2338.128	-54.27	2	4.74	47.73	AV	54	Pass
	Off	2390.0	-49.39	2	-	47.87	PEAK	74	Pass
	Off	2390.0	-56.41	2	4.74	45.59	AV	54	Pass
	Off	2483.5	-48.2	2	-	49.06	PEAK	74	Pass
	Off	2483.5	-55.9	2	4.84	46.2	AV	54	Pass
	Off	2493.856	-46.94	2	-	50.32	PEAK	74	Pass
	Off	2483.992	-55.51	2	4.84	46.59	AV	54	Pass
	Off	2500.0	-49.51	2	-	47.75	PEAK	74	Pass
	Off	2500.0	-56.19	2	4.84	45.91	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-50.52	2	-	46.74	PEAK	74	Pass
	Off	2310.0	-56.47	2	4.74	45.53	AV	54	Pass
	Off	2344.656	-45.8	2	-	51.46	PEAK	74	Pass
	Off	2340.048	-53.91	2	4.74	48.09	AV	54	Pass
	Off	2390.0	-49.26	2	-	48	PEAK	74	Pass
	Off	2390.0	-56.52	2	4.74	45.48	AV	54	Pass
	Off	2483.5	-49.97	2	-	47.29	PEAK	74	Pass
	Off	2483.5	-56.08	2	4.63	45.81	AV	54	Pass
	Off	2487.328	-47.12	2	-	50.14	PEAK	74	Pass
	Off	2500	-55.87	2	4.63	46.02	AV	54	Pass
	Off	2500.0	-51	2	-	46.26	PEAK	74	Pass
	Off	2500.0	-55.88	2	4.63	46.01	AV	54	Pass
8DPSK	Off	2310.0	-49.75	2	-	47.51	PEAK	74	Pass
	Off	2310.0	-56.95	2	4.63	44.94	AV	54	Pass
	Off	2333.52	-46.05	2	-	51.21	PEAK	74	Pass
	Off	2337.936	-54.42	2	4.63	47.47	AV	54	Pass

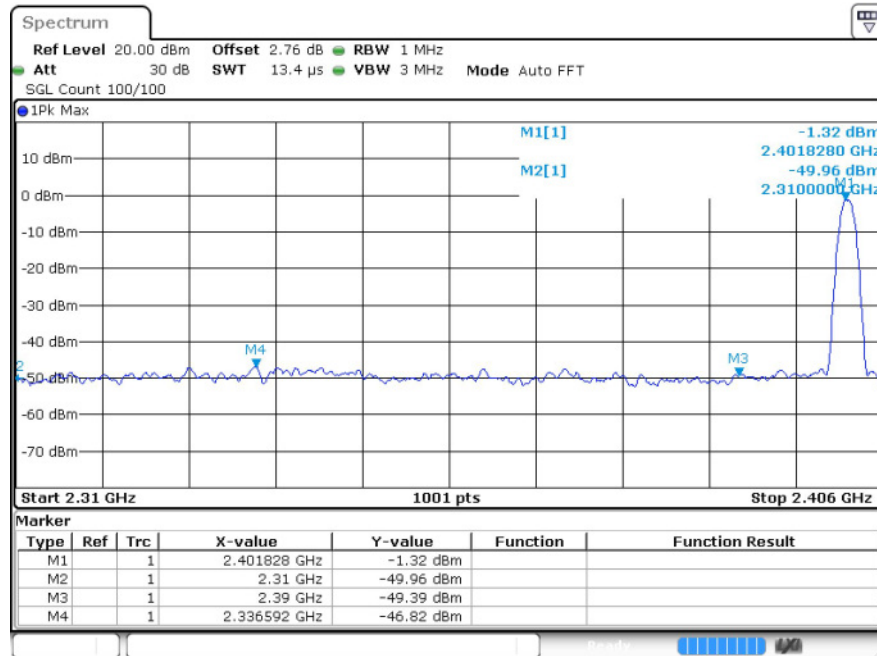


Off	2390.0	-47.99	2	-	49.27	PEAK	74	Pass
Off	2390.0	-57.12	2	4.63	44.77	AV	54	Pass
Off	2483.5	-49.52	2	-	47.74	PEAK	74	Pass
Off	2483.5	-56.16	2	4.63	45.73	AV	54	Pass
Off	2484.616	-47.28	2	-	49.98	PEAK	74	Pass
Off	2485.72	-55.69	2	4.63	46.2	AV	54	Pass
Off	2500.0	-50.66	2	-	46.6	PEAK	74	Pass
Off	2500.0	-56.42	2	4.63	45.47	AV	54	Pass

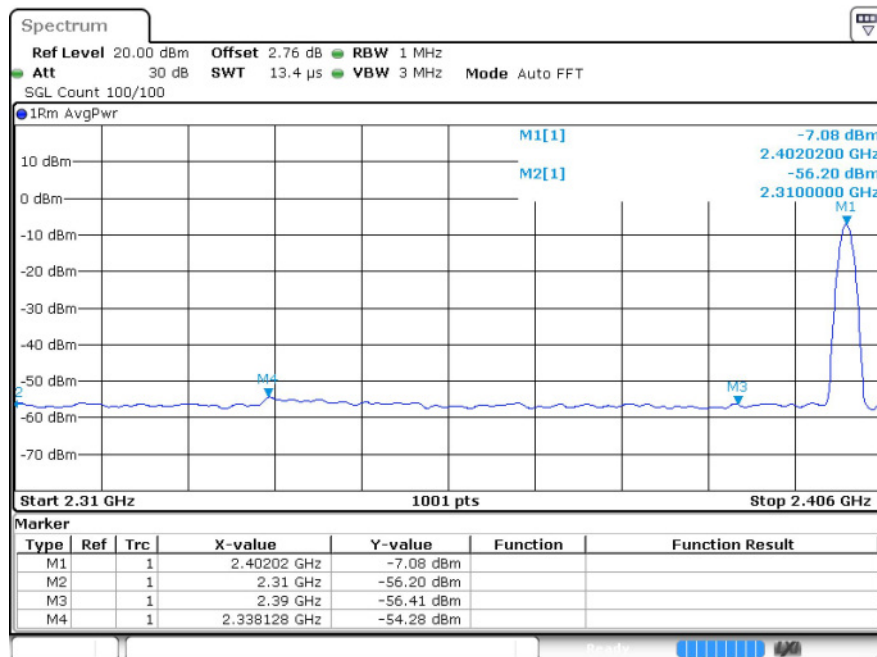
Note: Left and right ear have been tested and the only shows the worst case mode.

9.2 Test Graphs

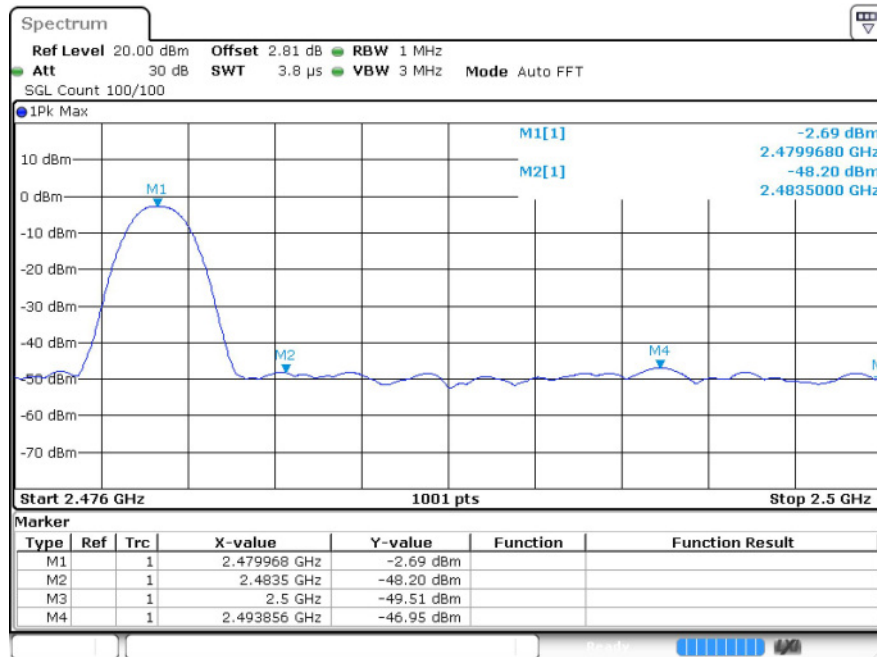
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



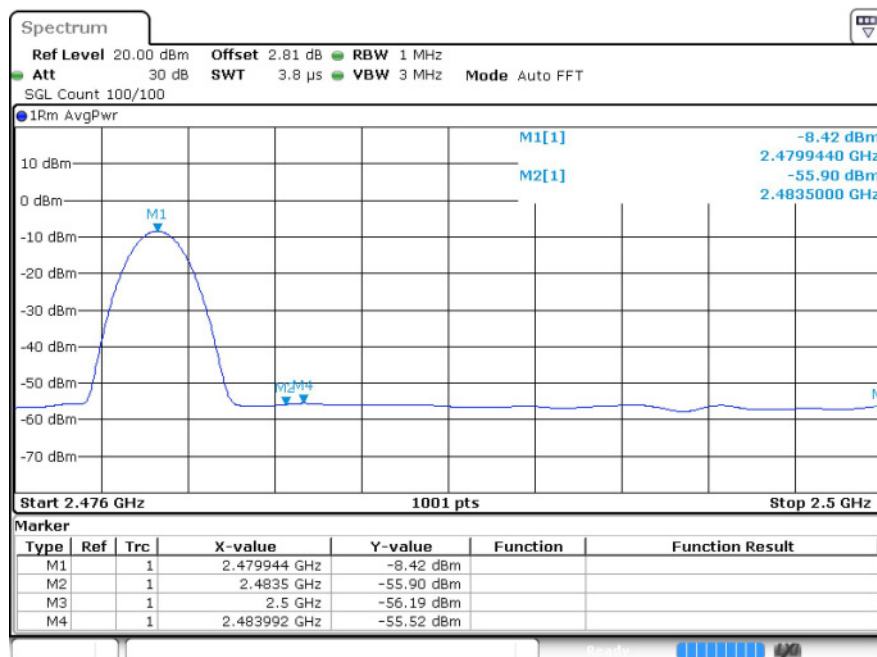
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



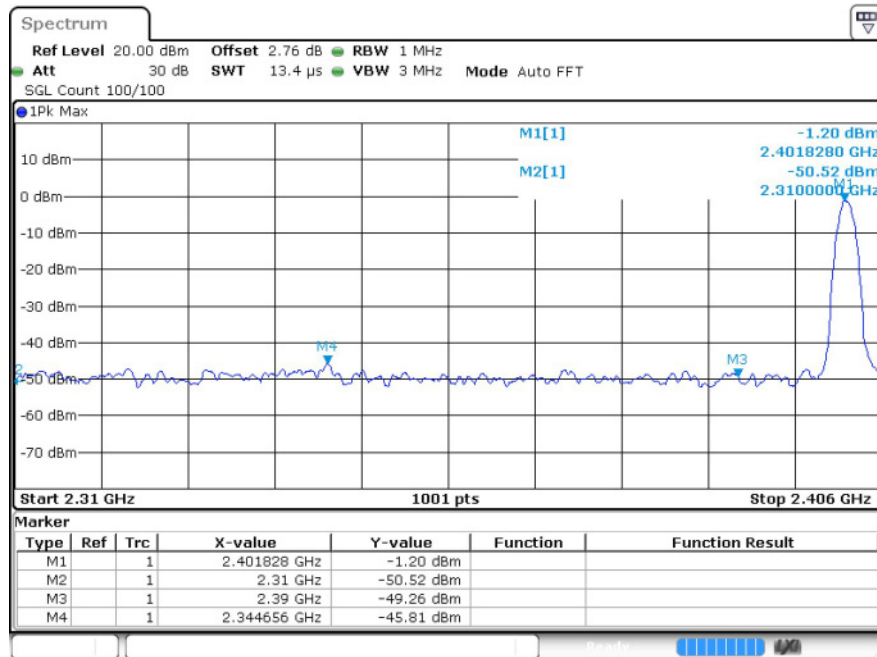
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



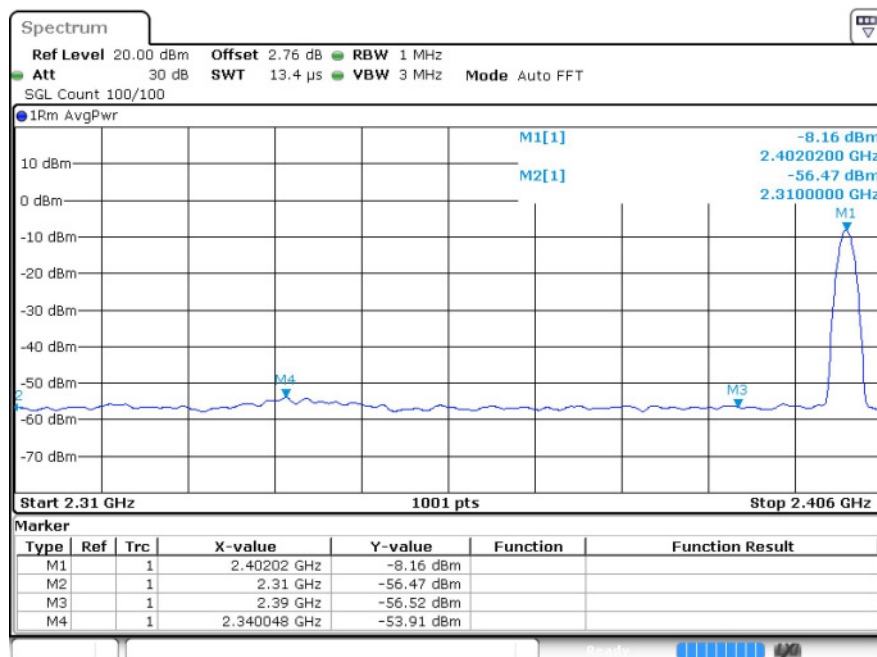
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



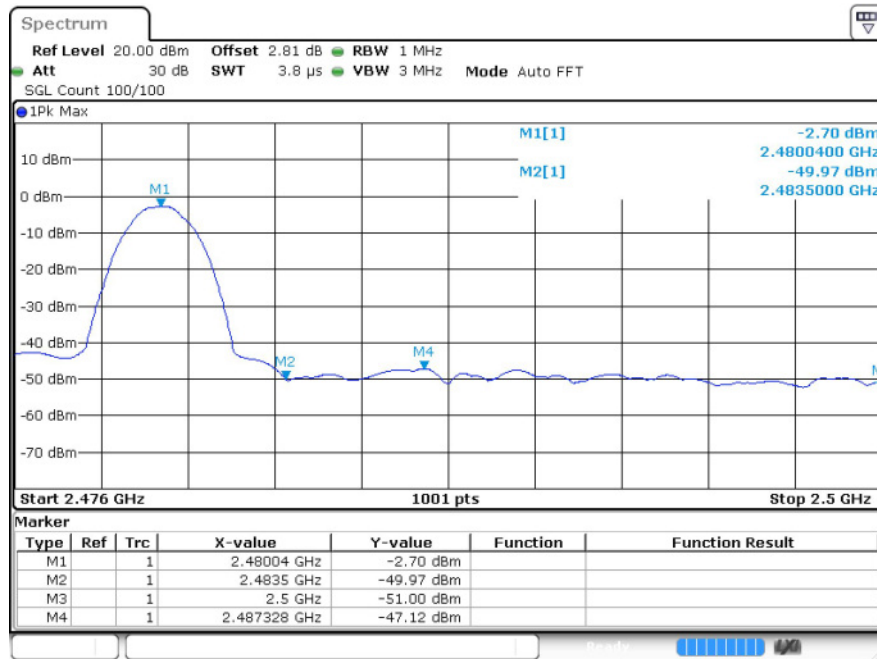
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



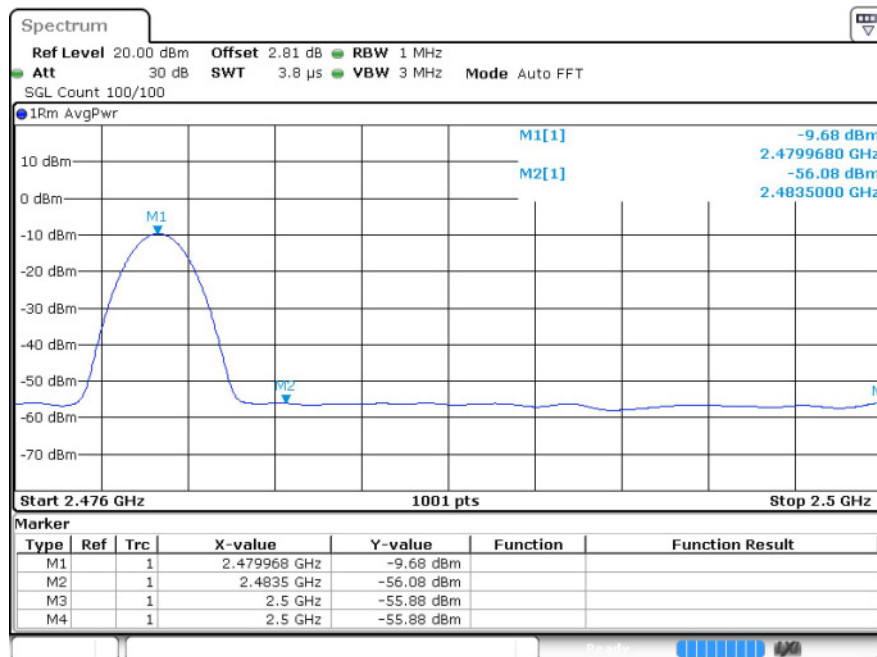
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



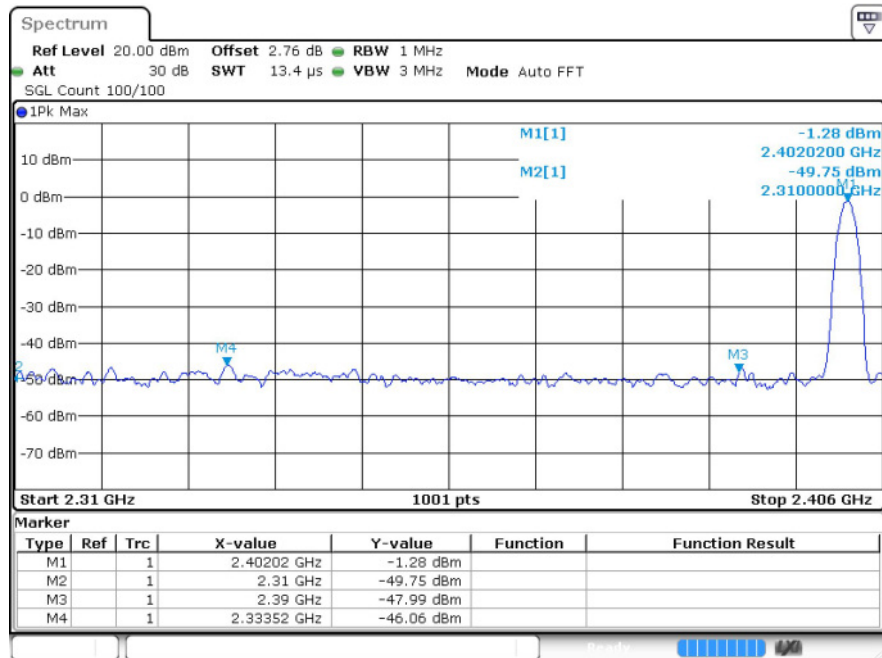
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



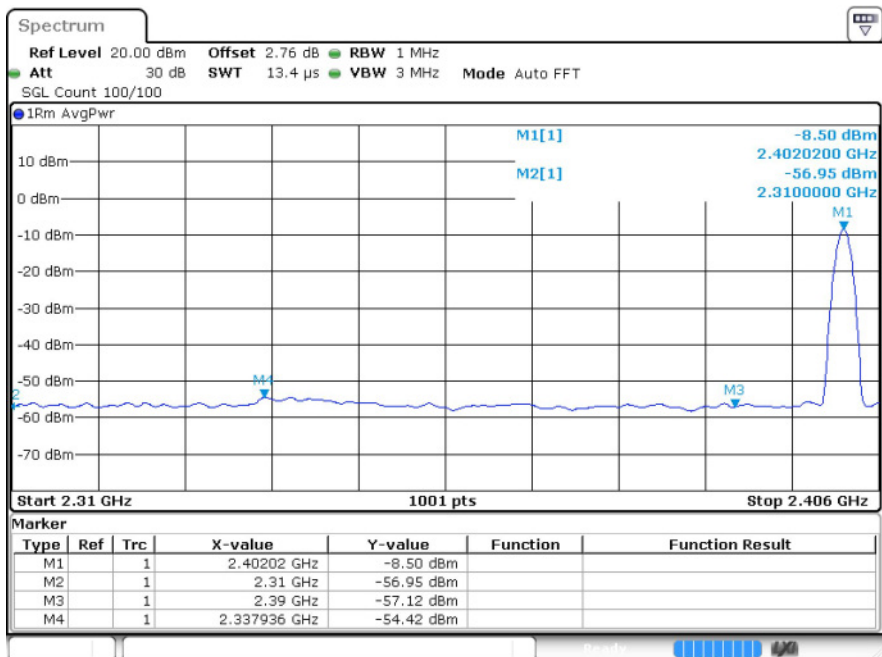
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



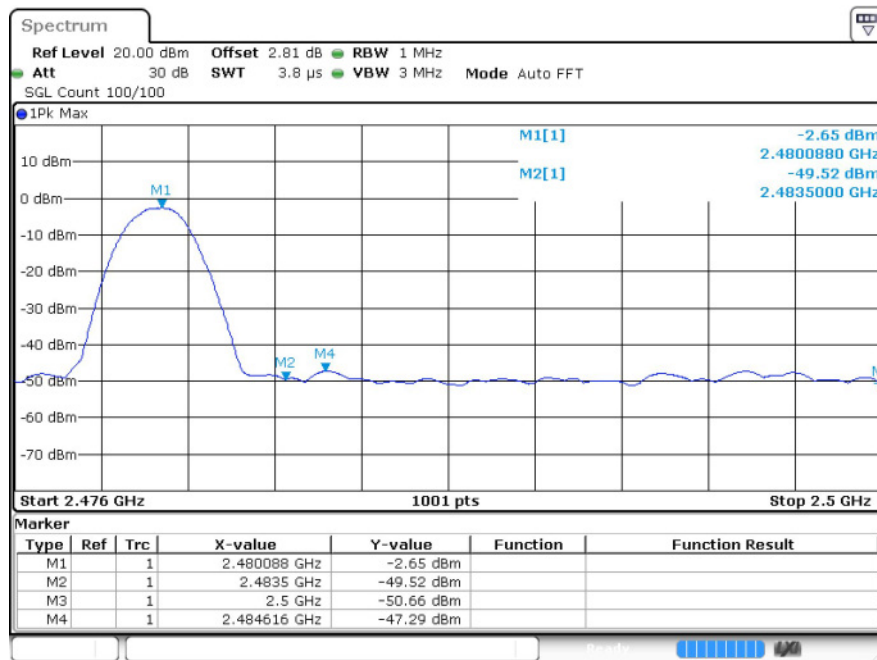
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



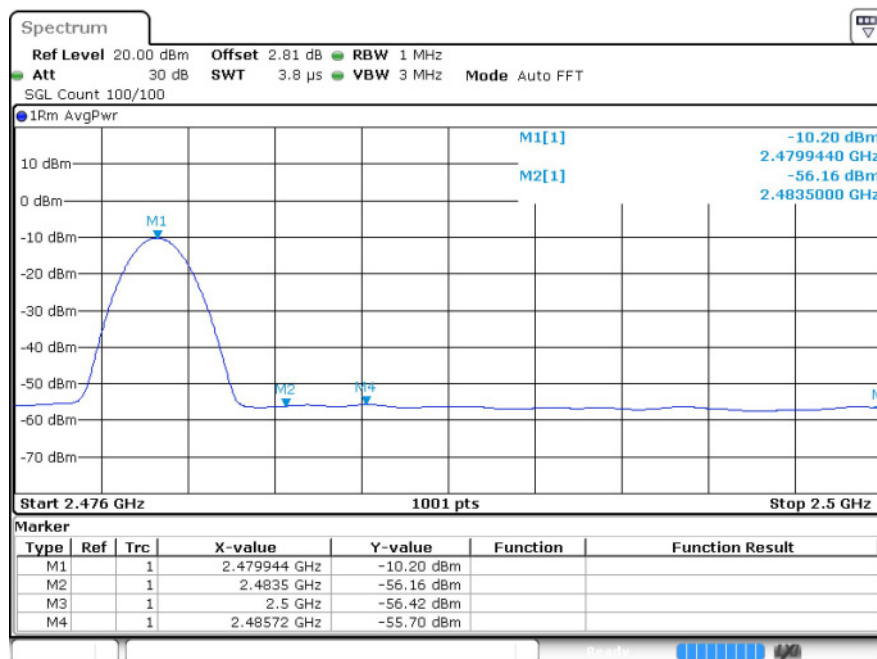
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---