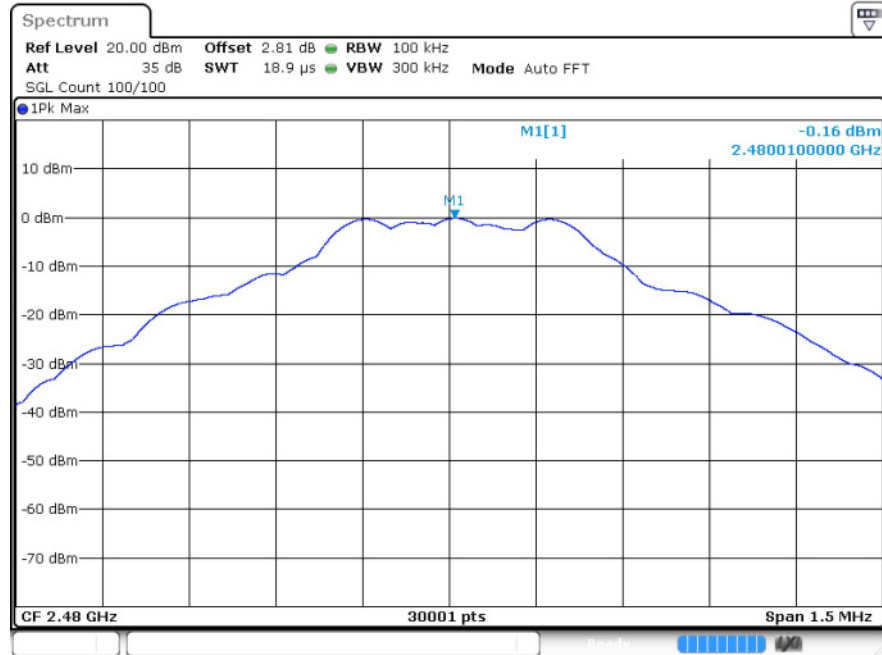
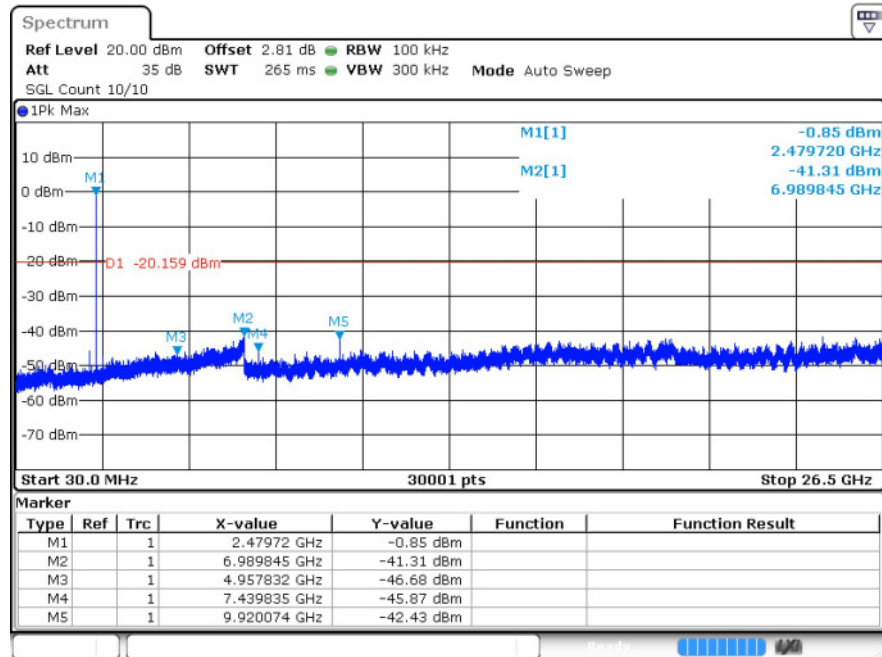


GFSK_HCH_Graphs

Pref

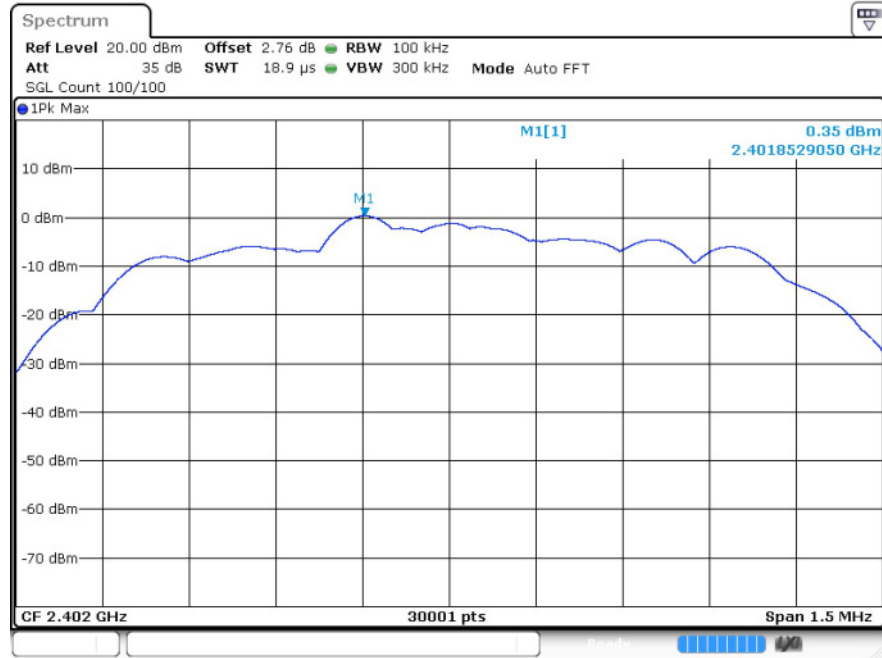


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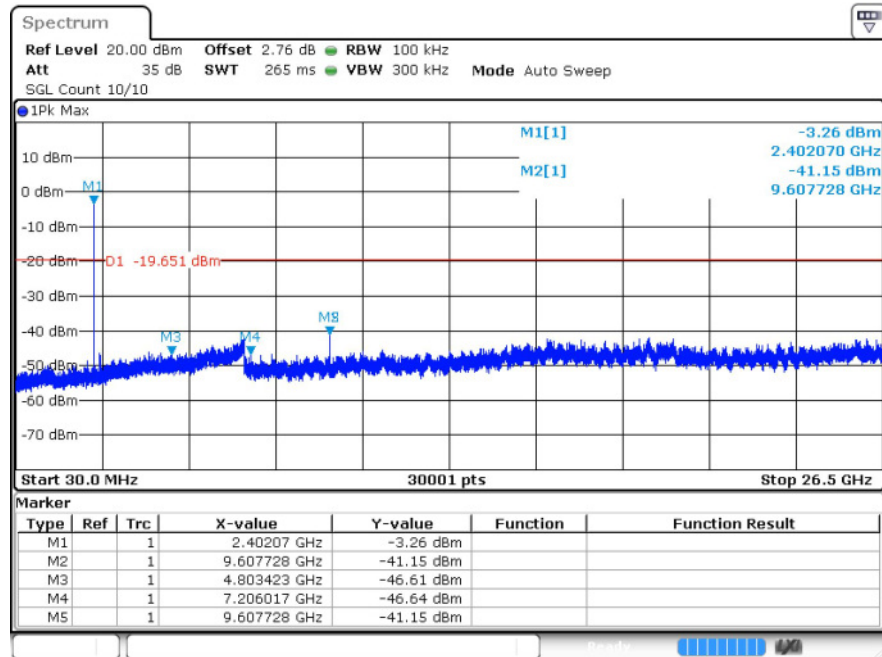


$\pi/4$ DQPSK_LCH_Graphs

Pref

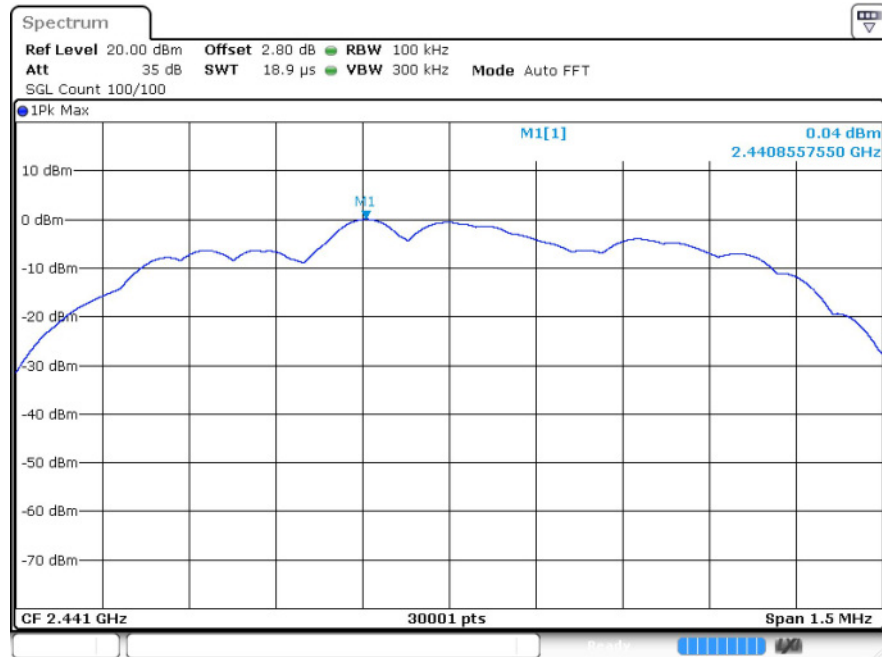


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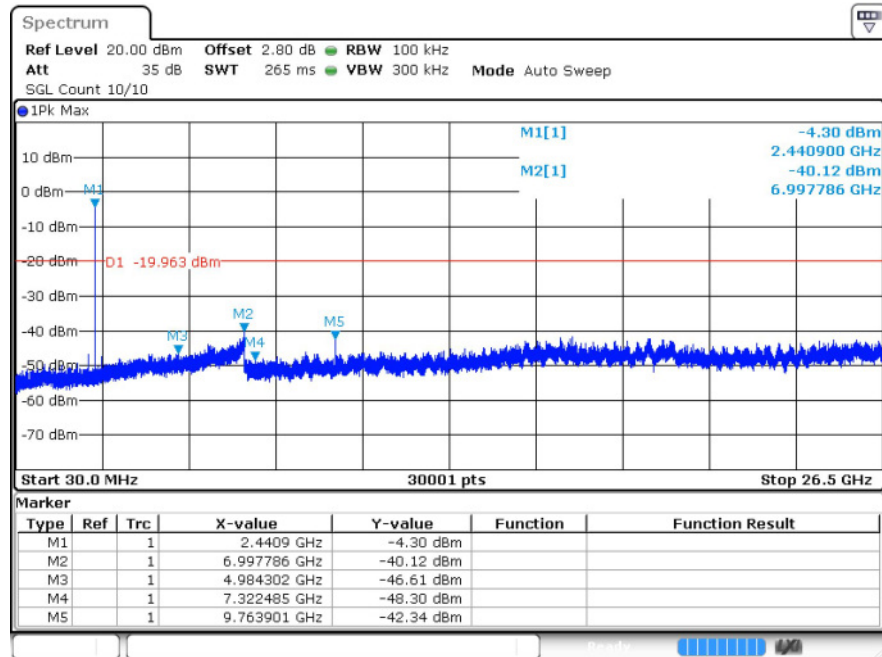


π /4DQPSK_MCH_Graphs

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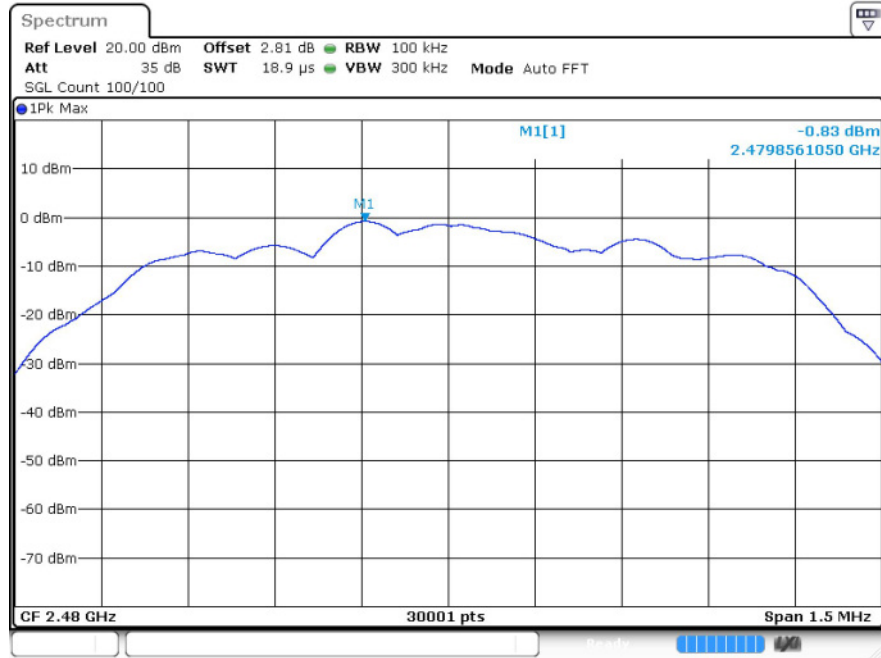


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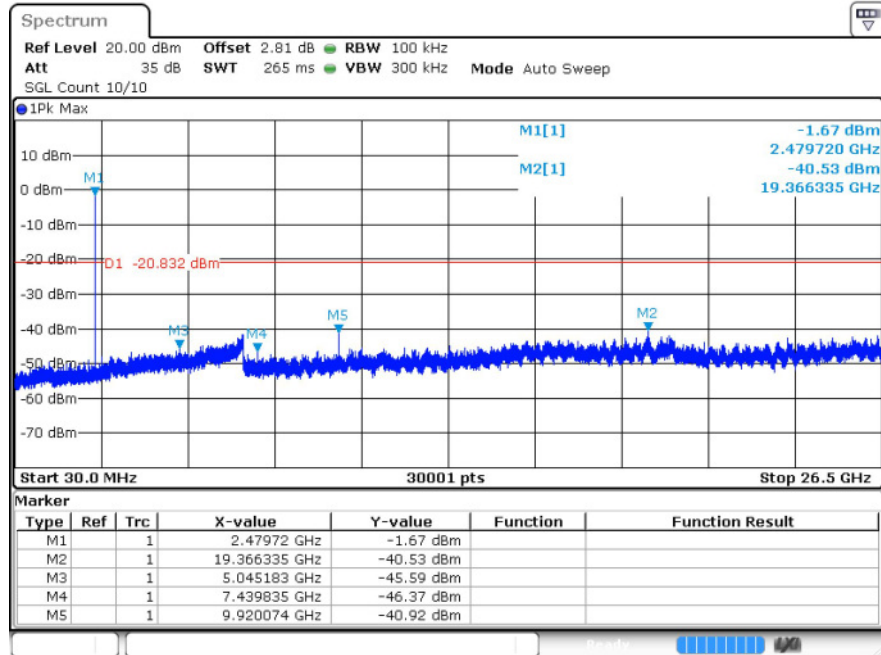


$\pi/4$ DQPSK_HCH_Graphs

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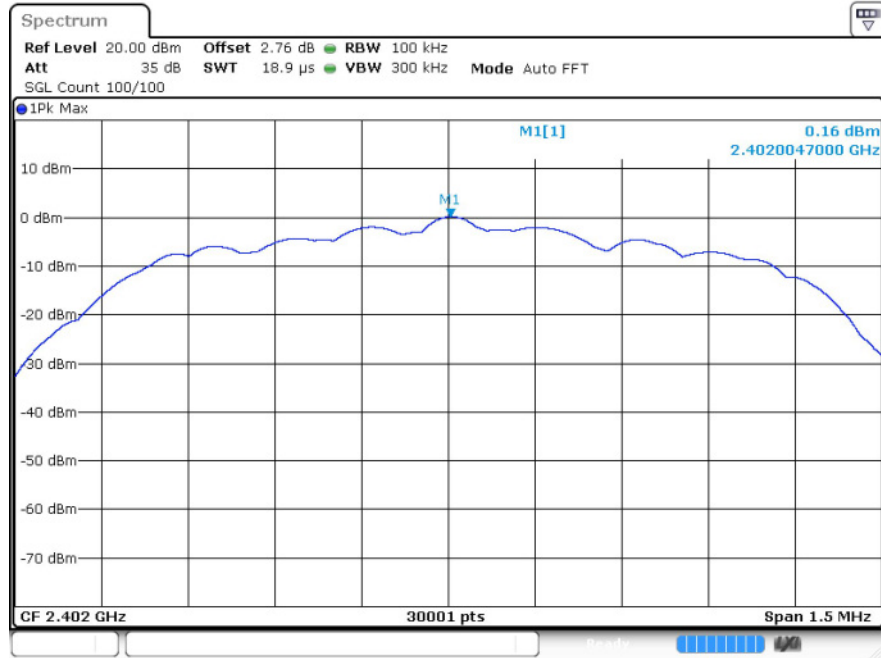


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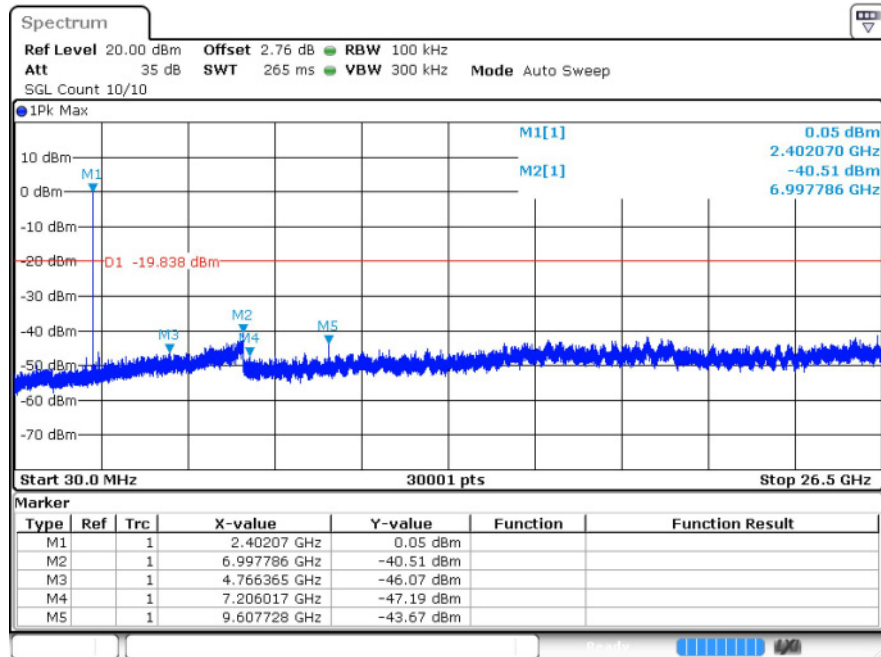


8DPSK_LCH_Graphs

Pref

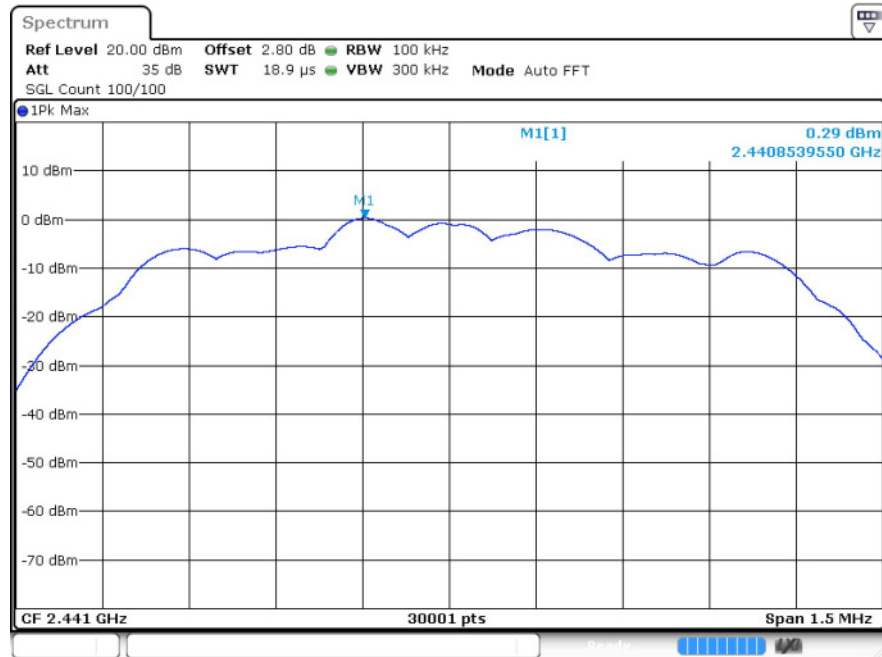


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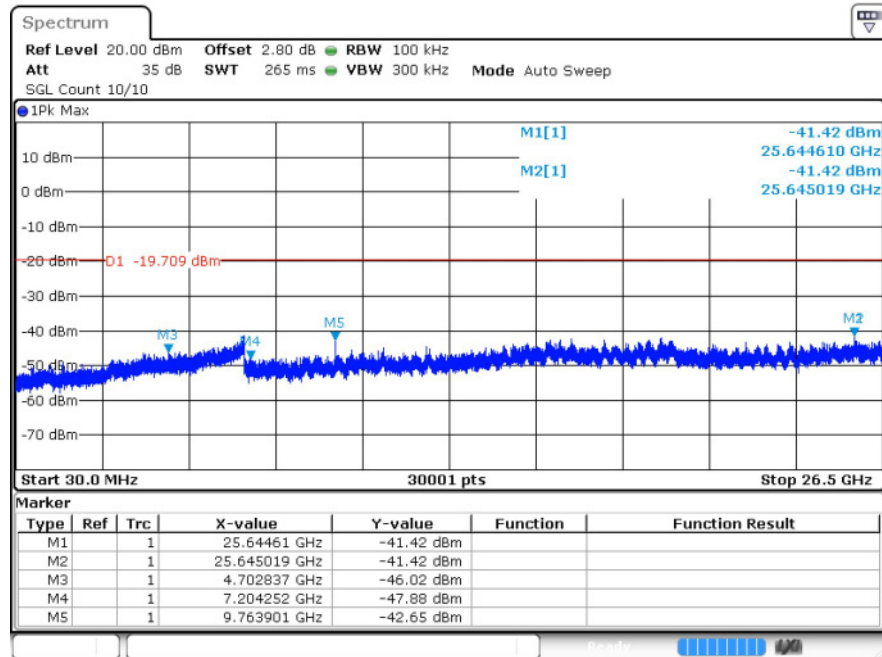


8DPSK_MCH_Graphs

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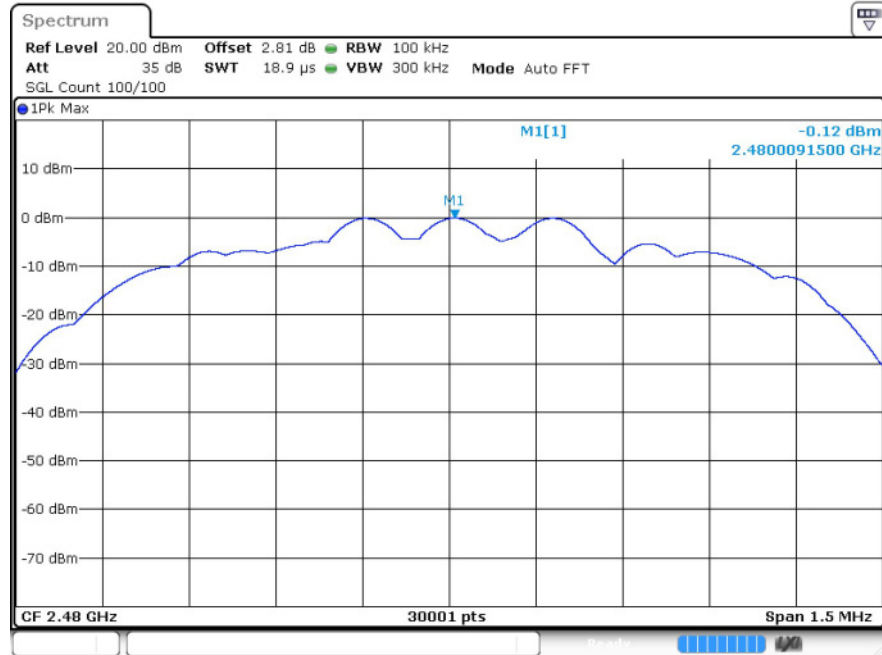


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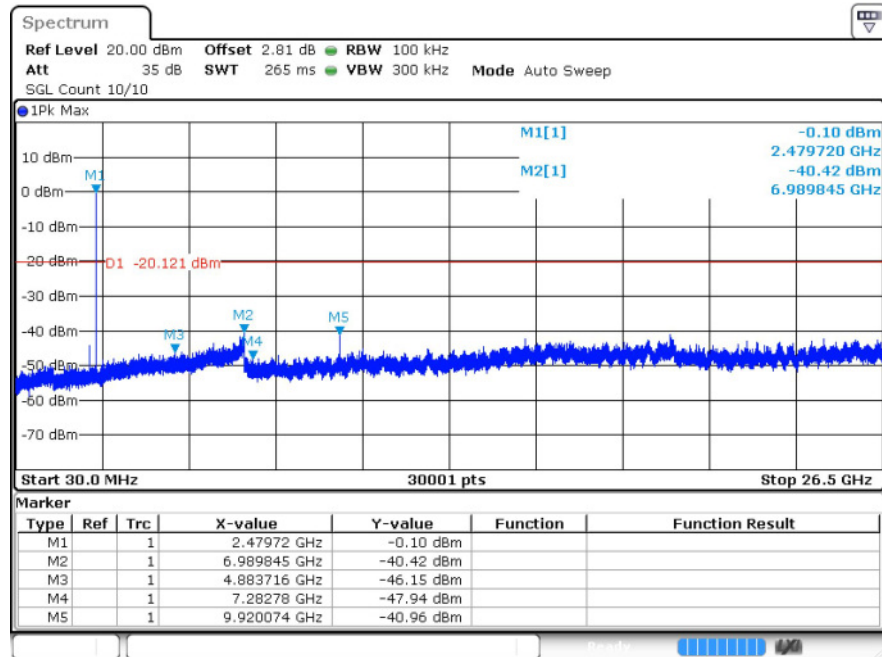


8DPSK_HCH_Graphs

Pref



Puw



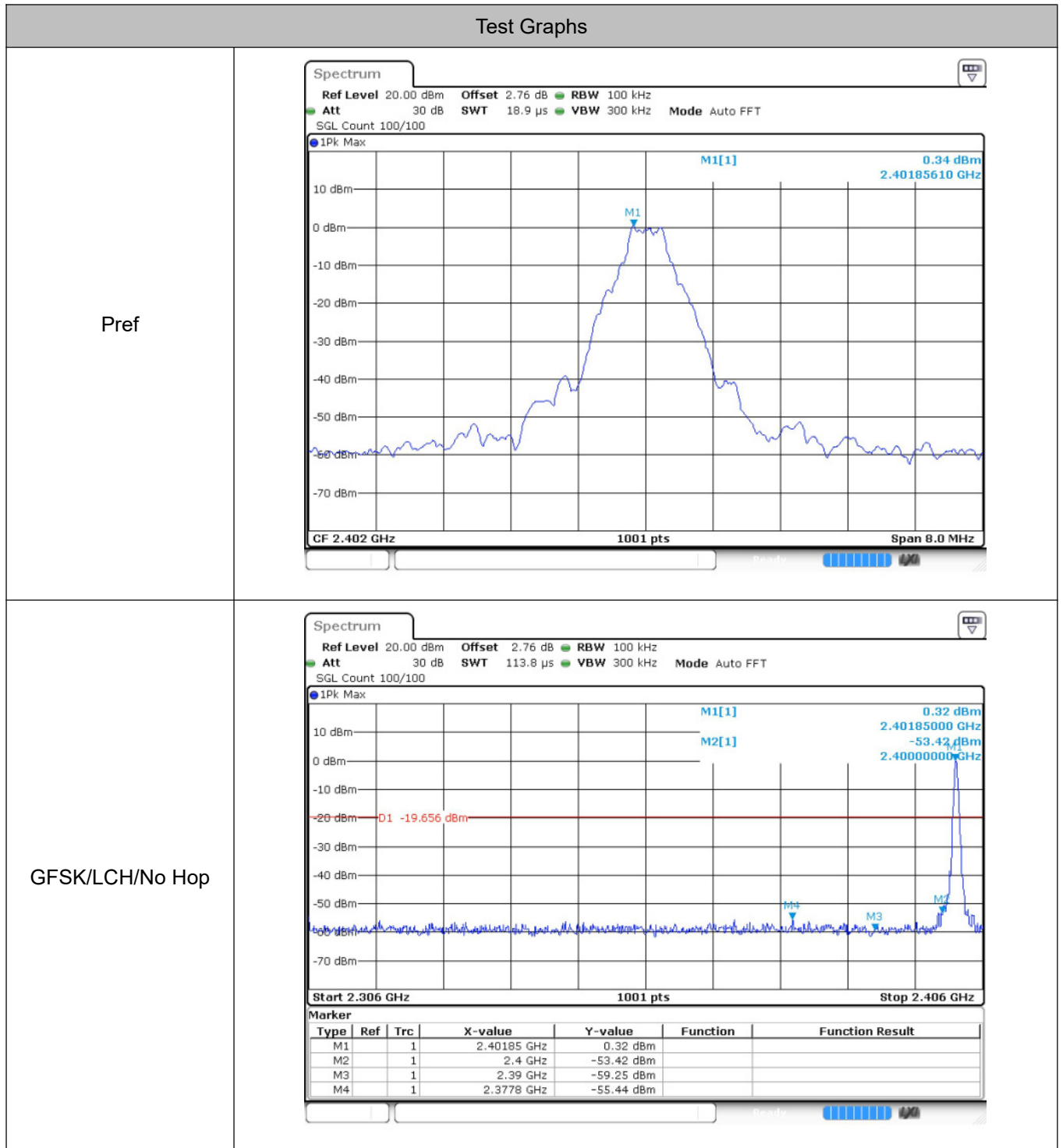
8 Band-edge for RF Conducted Emissions

8.1 Test Result

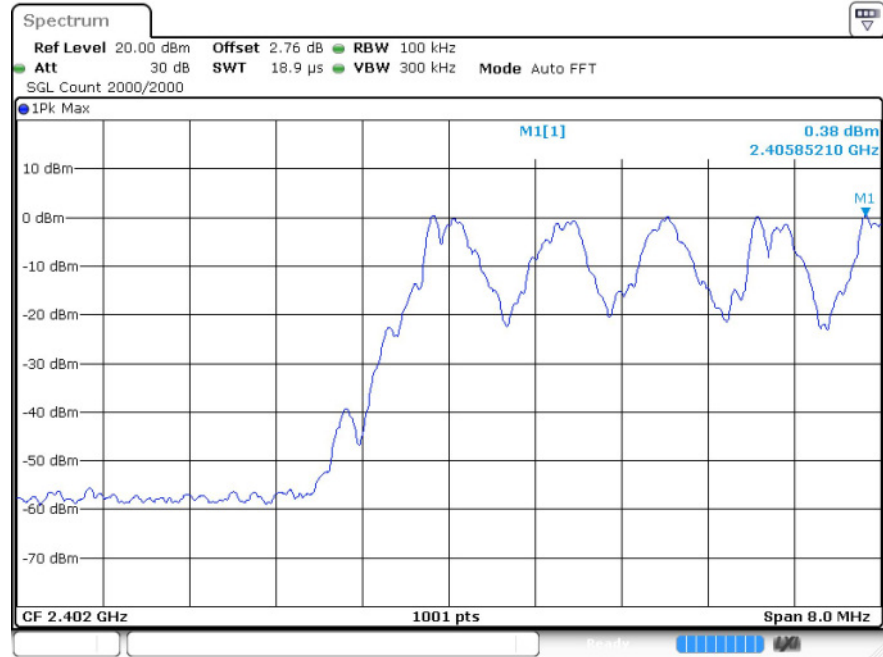
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-55.78	-20	Pass
			On	-53.48	-20	Pass
	HCH	2480	Off	-56.28	-20	Pass
			On	-54.51	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-54.5	-20	Pass
			On	-53.44	-20	Pass
	HCH	2480	Off	-55.92	-20	Pass
			On	-54.54	-20	Pass
8DPSK	LCH	2402	Off	-56.53	-20	Pass
			On	-53.93	-20	Pass
	HCH	2480	Off	-56.01	-20	Pass
			On	-54.99	-20	Pass

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

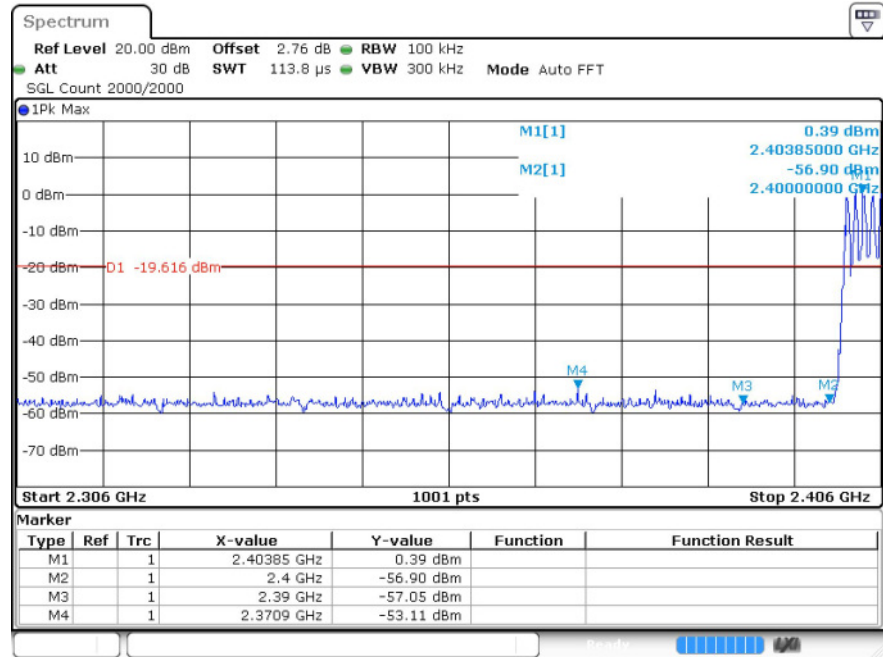
8.2 Test Graphs



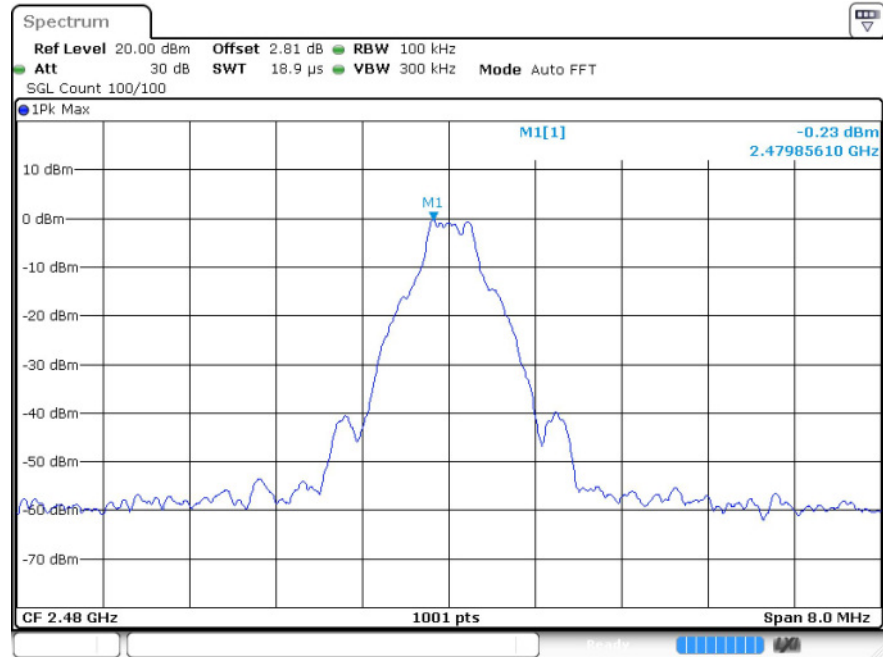
Ref



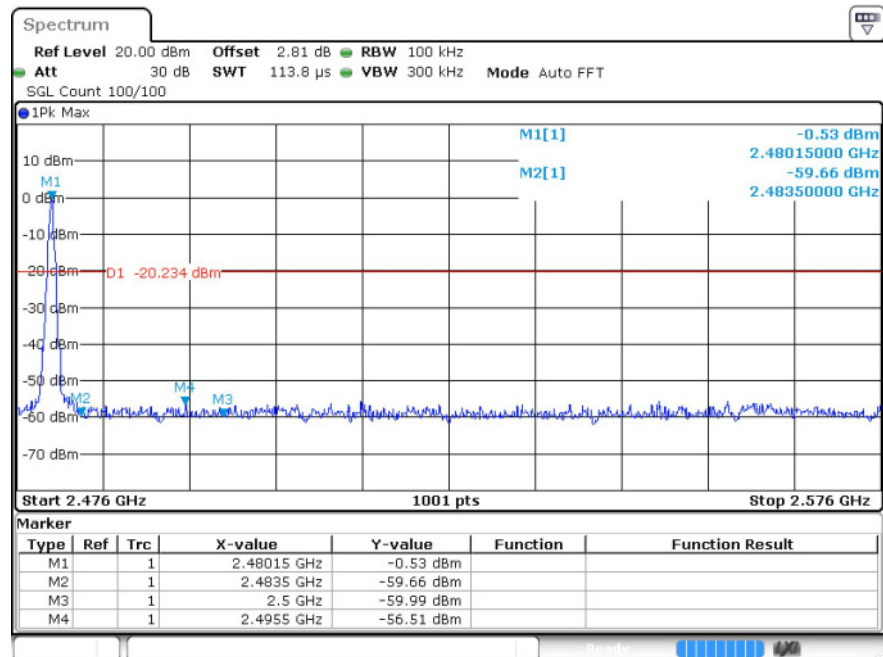
GFSK/LCH/Hop



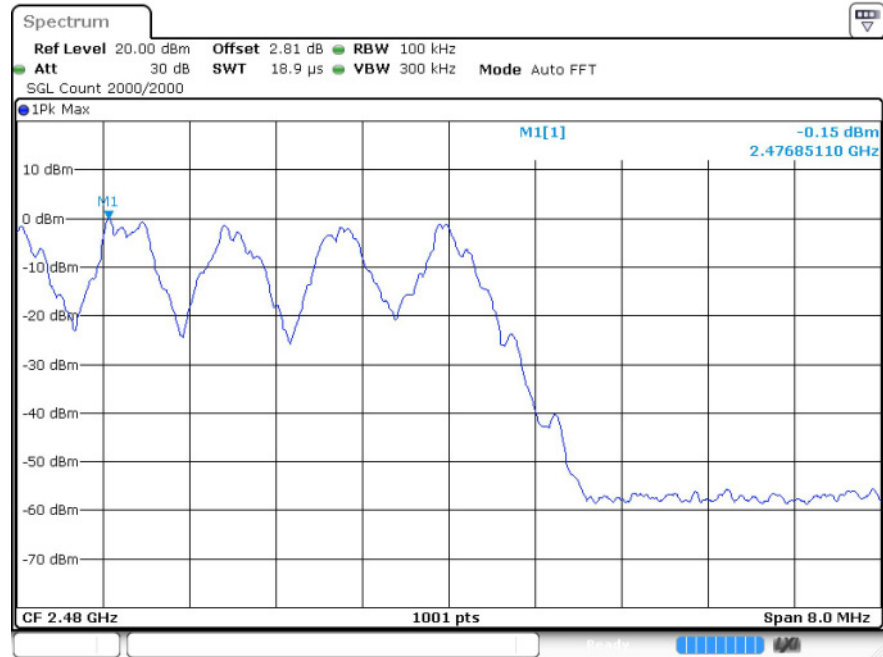
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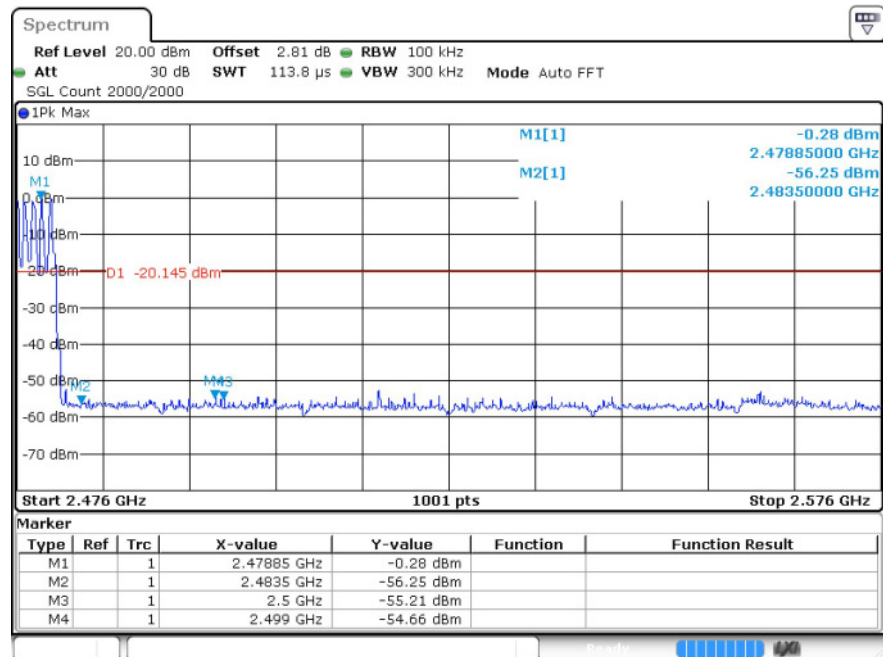
GFSK/HCH/No Hop

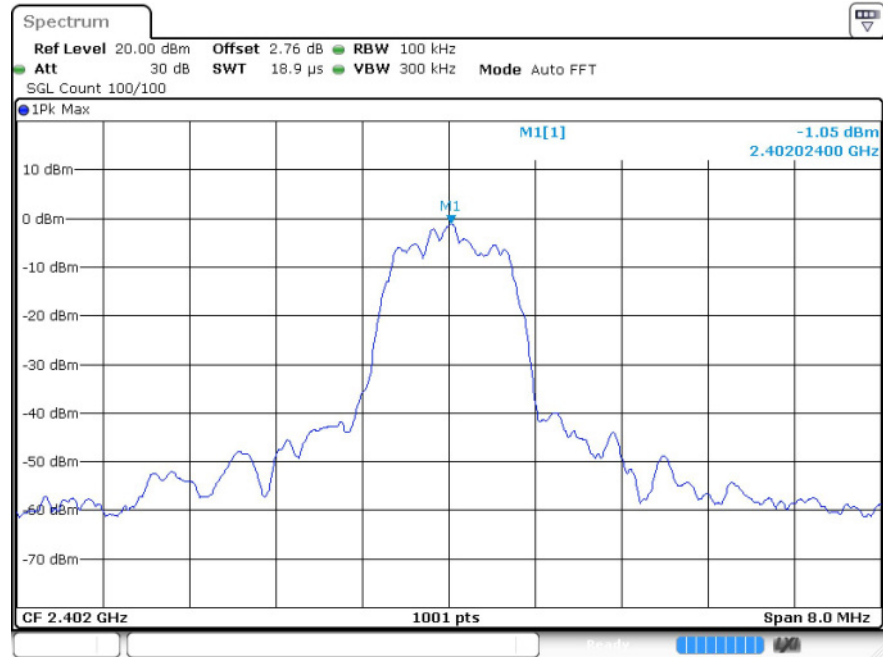


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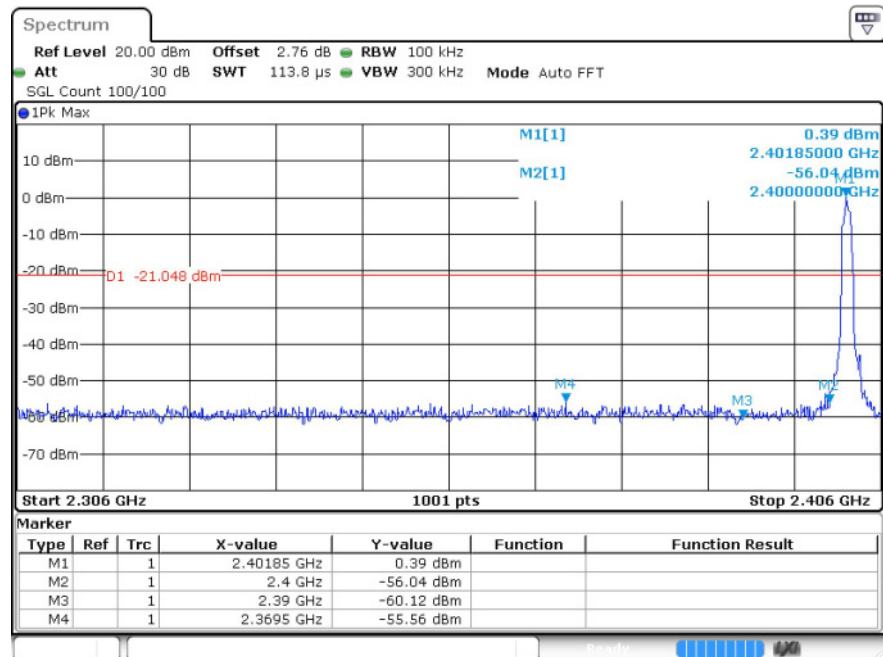


GFSK/HCH/Hop

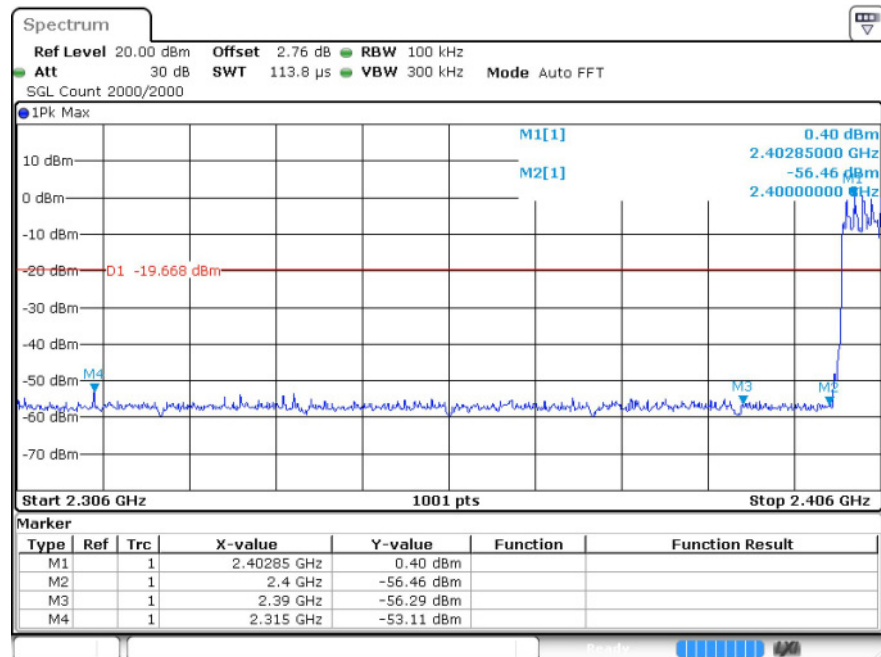




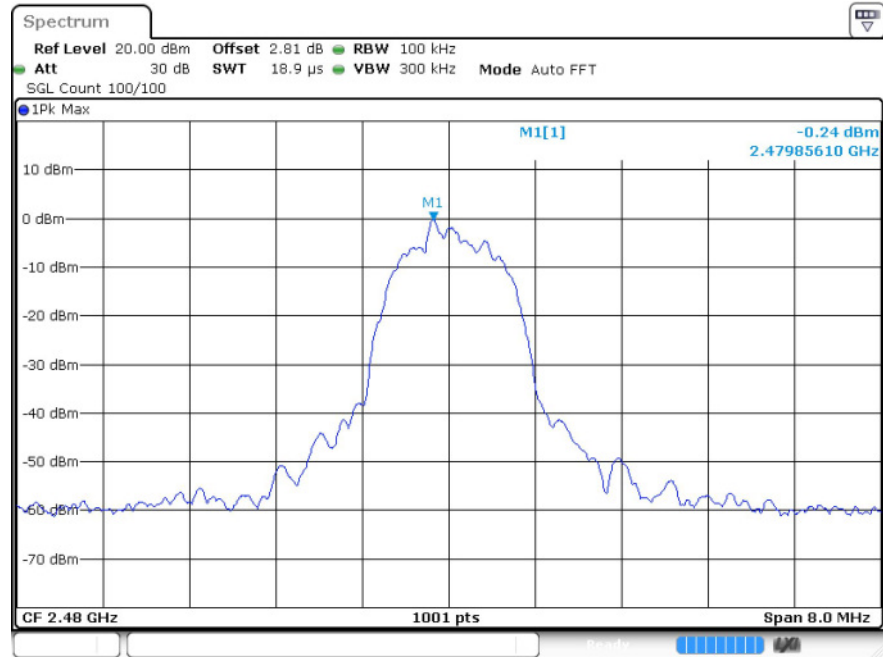
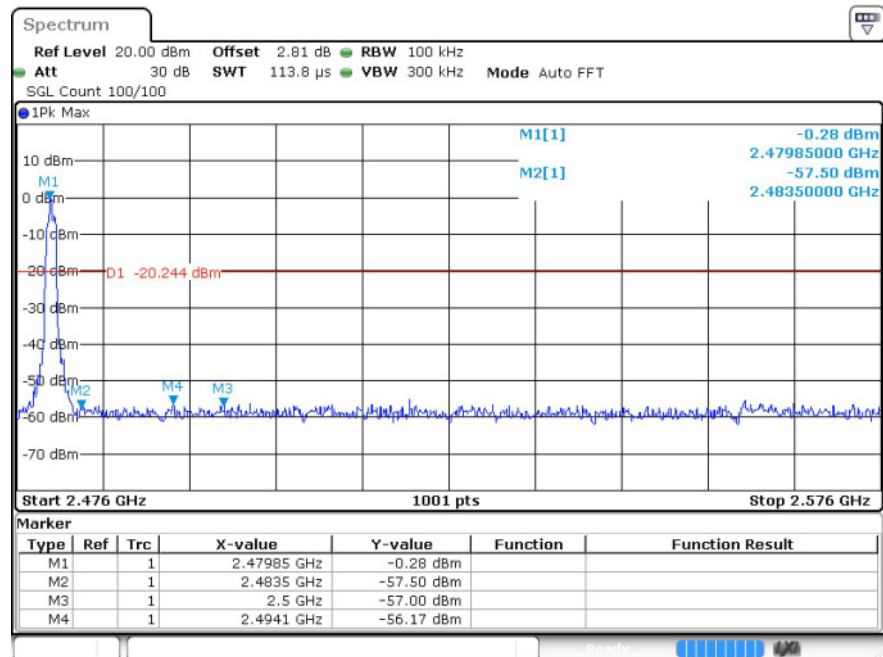
$\pi/4$ DQPSK/LCH/No
Hop



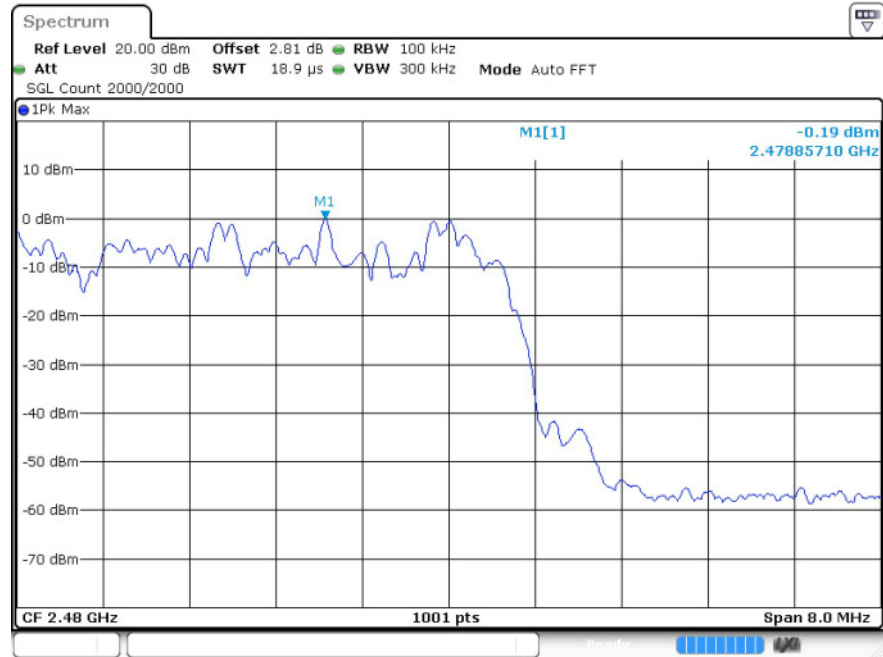
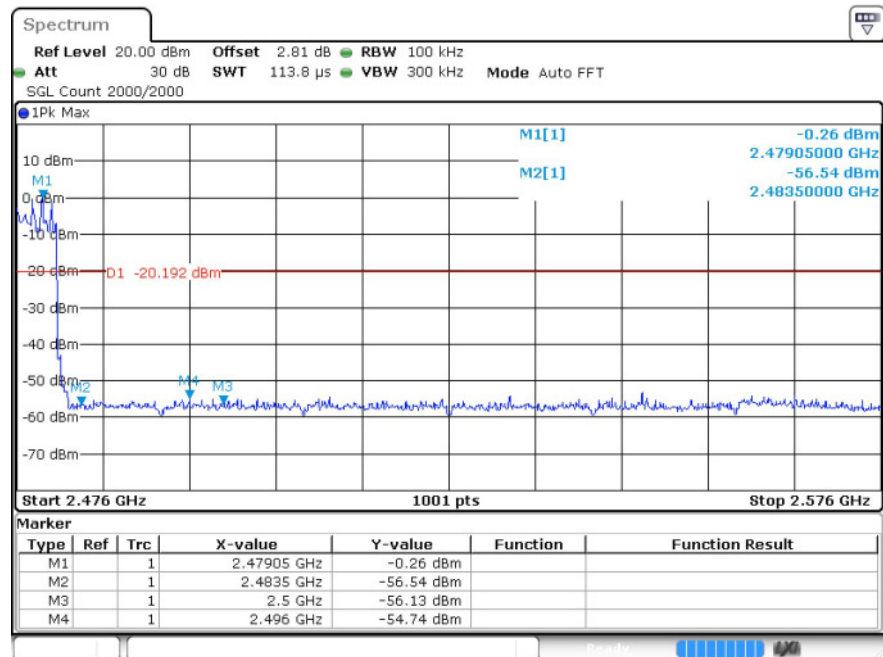
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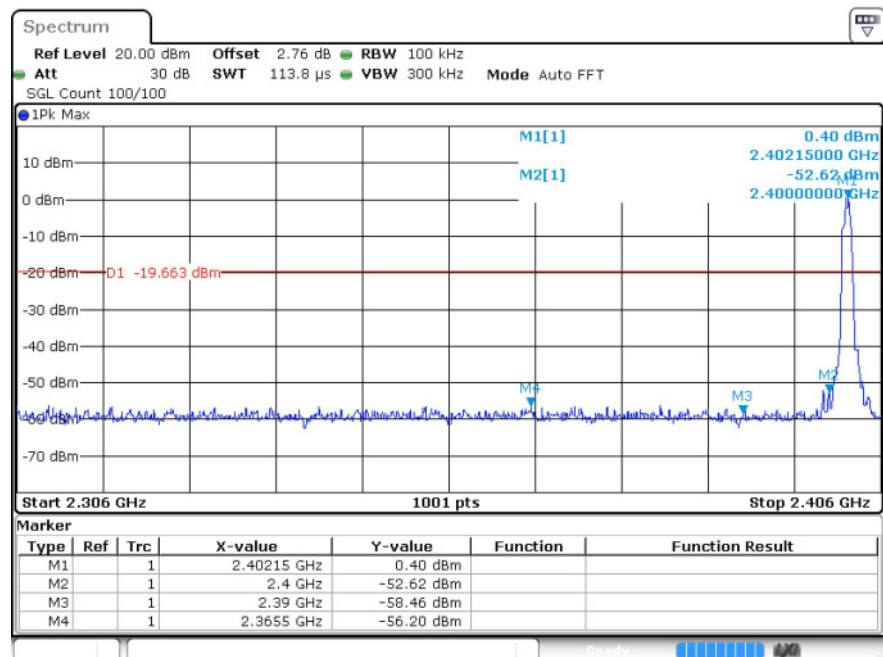

 $\pi/4$ DQPSK/LCH/Hop


Ref

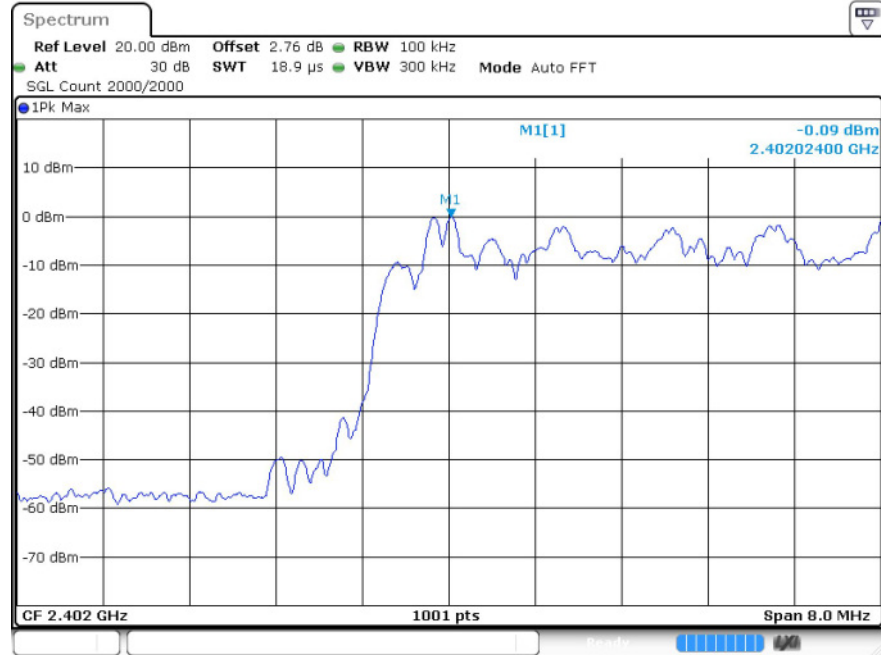

 $\pi/4$ DQPSK/HCH/No Hop


Ref

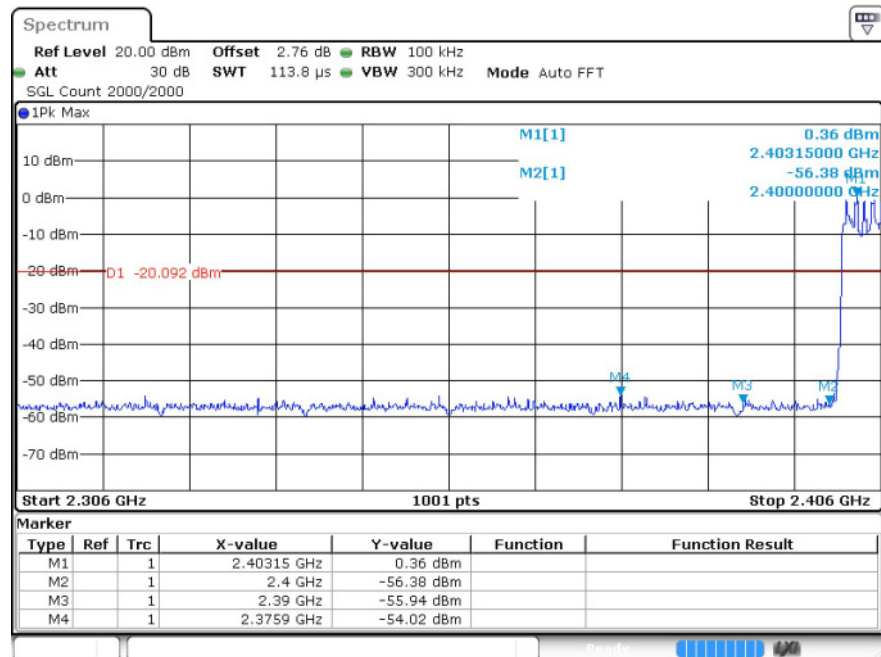

 $\pi/4$ DQPSK/HCH/Hop




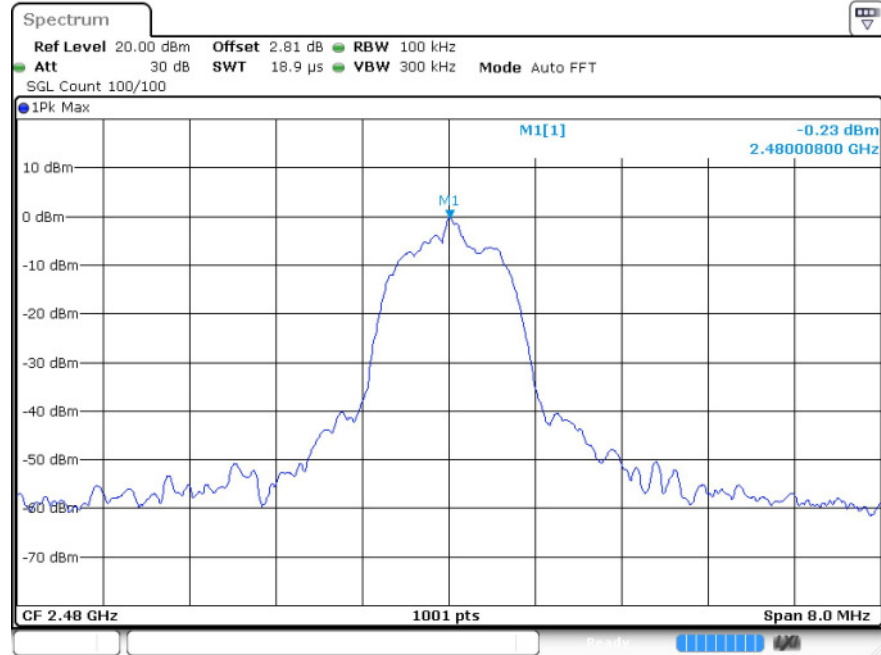
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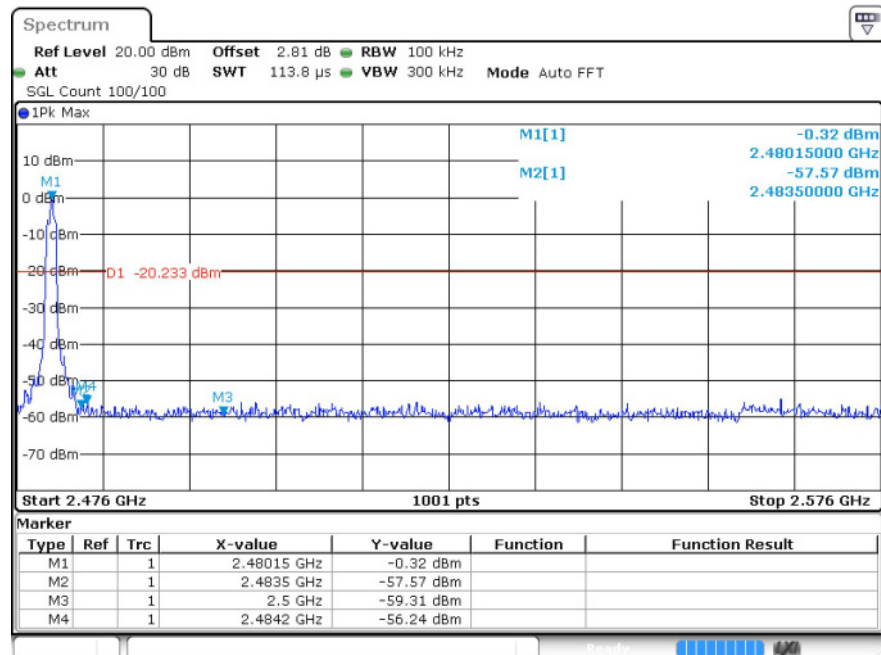
8DPSK/LCH/Hop



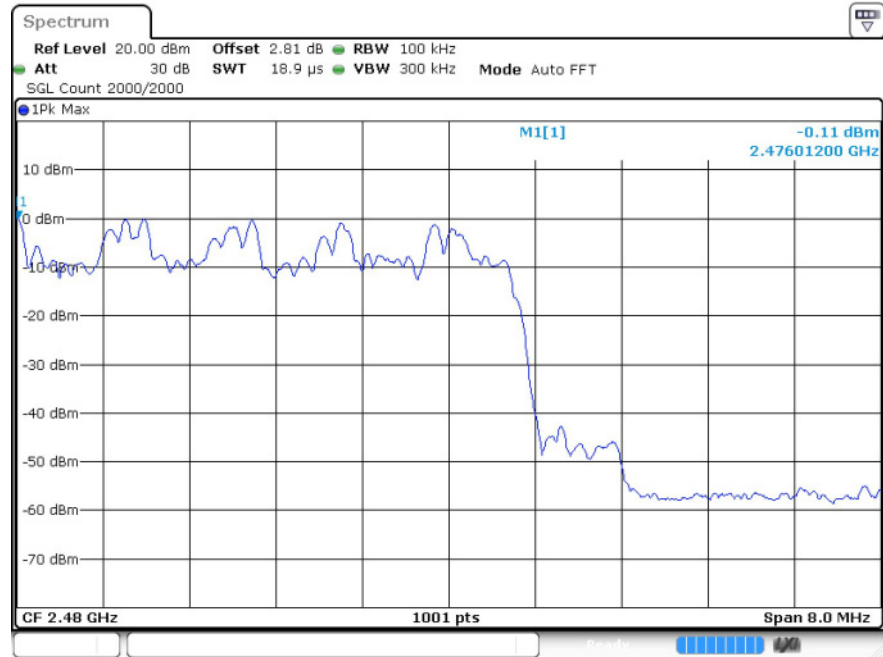
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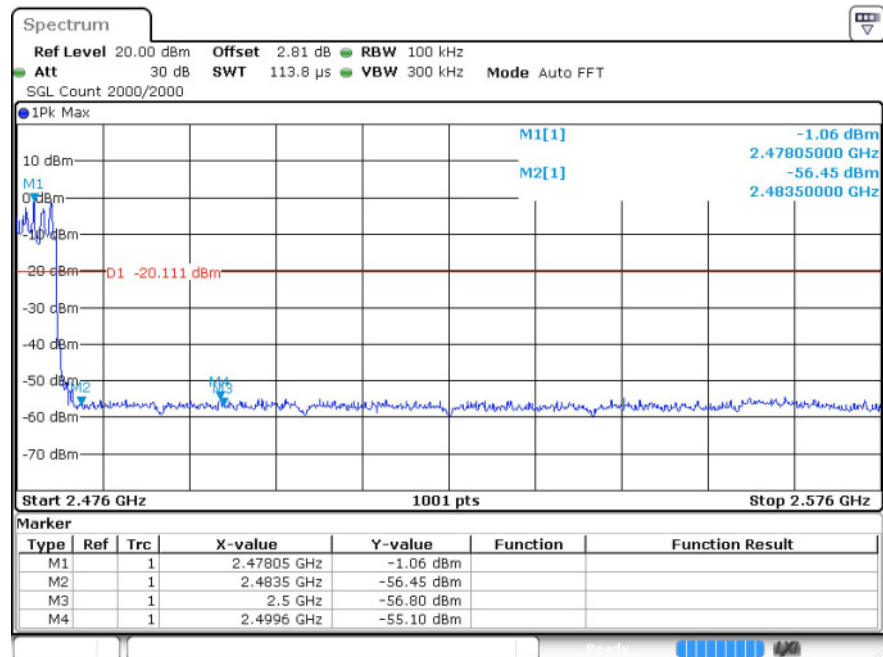
8DPSK/HCH/No Hop



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	3.5	-	48.77	PEAK	74	Pass
	Off	2310.0	-56.97	3.5	4.95	46.71	AV	54	Pass
	Off	2340.816	-46.28	3.5	-	52.45	PEAK	74	Pass
	Off	2339.376	-54.56	3.5	4.95	49.12	AV	54	Pass
	Off	2390.0	-50.86	3.5	-	47.87	PEAK	74	Pass
	Off	2390.0	-57.52	3.5	4.95	46.16	AV	54	Pass
	Off	2483.5	-49.65	3.5	-	49.08	PEAK	74	Pass
	Off	2483.5	-56.79	3.5	4.95	46.89	AV	54	Pass
	Off	2493.184	-47.89	3.5	-	50.84	PEAK	74	Pass
	Off	2487.376	-55.78	3.5	4.95	47.90	AV	54	Pass
	Off	2500.0	-48.44	3.5	-	50.29	PEAK	74	Pass
	Off	2500.0	-56.3	3.5	4.95	47.38	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-50.2	3.5	-	48.53	PEAK	74	Pass
	Off	2310.0	-55.86	3.5	4.95	47.82	AV	54	Pass
	Off	2338.896	-46.28	3.5	-	52.45	PEAK	74	Pass
	Off	2337.936	-54.2	3.5	4.95	49.48	AV	54	Pass
	Off	2390.0	-49.69	3.5	-	49.04	PEAK	74	Pass
	Off	2390.0	-56.42	3.5	4.95	47.26	AV	54	Pass
	Off	2483.5	-44.45	3.5	-	54.28	PEAK	74	Pass
	Off	2483.5	-55.4	3.5	4.89	48.22	AV	54	Pass
	Off	2483.512	-44.58	3.5	-	54.15	PEAK	74	Pass
	Off	2483.512	-55.41	3.5	4.89	48.21	AV	54	Pass
	Off	2500.0	-49.46	3.5	-	49.27	PEAK	74	Pass
	Off	2500.0	-56.34	3.5	4.89	47.28	AV	54	Pass
8DPSK	Off	2310.0	-48.68	3.5	-	50.05	PEAK	74	Pass
	Off	2310.0	-57.66	3.5	4.95	46.02	AV	54	Pass
	Off	2358.384	-46.31	3.5	-	52.42	PEAK	74	Pass
	Off	2339.088	-54.71	3.5	4.95	48.97	AV	54	Pass

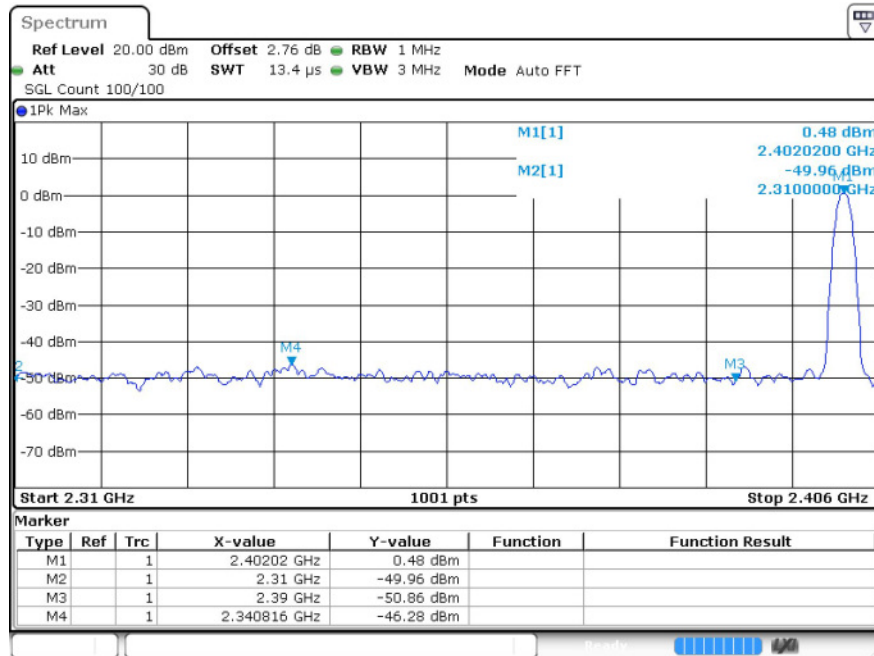


Off	2390.0	-50.07	3.5	-	48.66	PEAK	74	Pass
Off	2390.0	-56.23	3.5	4.95	47.45	AV	54	Pass
Off	2483.5	-49.61	3.5	-	49.12	PEAK	74	Pass
Off	2483.5	-56.59	3.5	4.85	46.99	AV	54	Pass
Off	2498.488	-46.89	3.5	-	51.84	PEAK	74	Pass
Off	2485.84	-55.62	3.5	4.85	47.96	AV	54	Pass
Off	2500.0	-50.62	3.5	-	48.11	PEAK	74	Pass
Off	2500.0	-56.29	3.5	4.85	47.29	AV	54	Pass

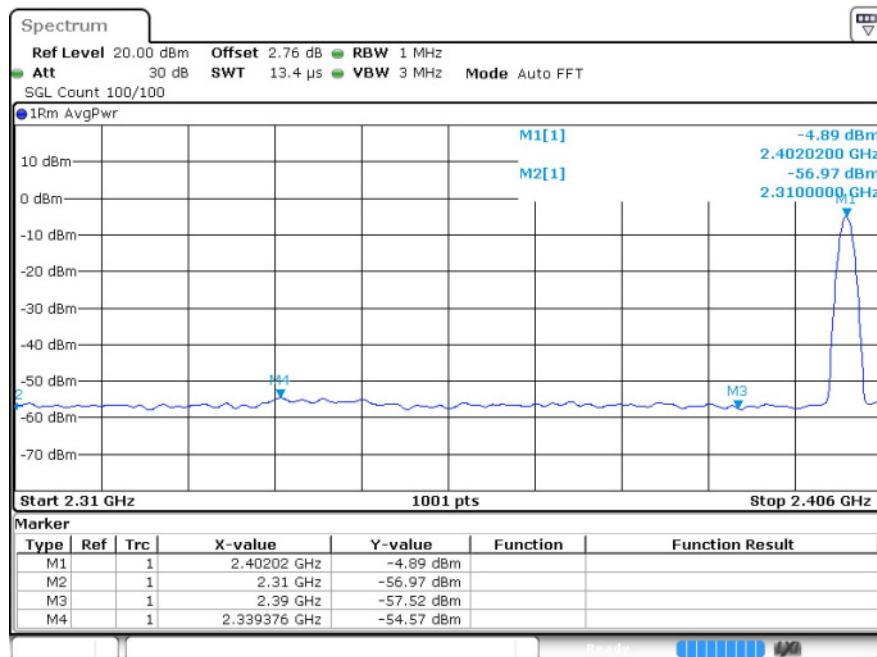
Note: Left and right ear have been tested and the only shows the worst case mode.

9.2 Test Graphs

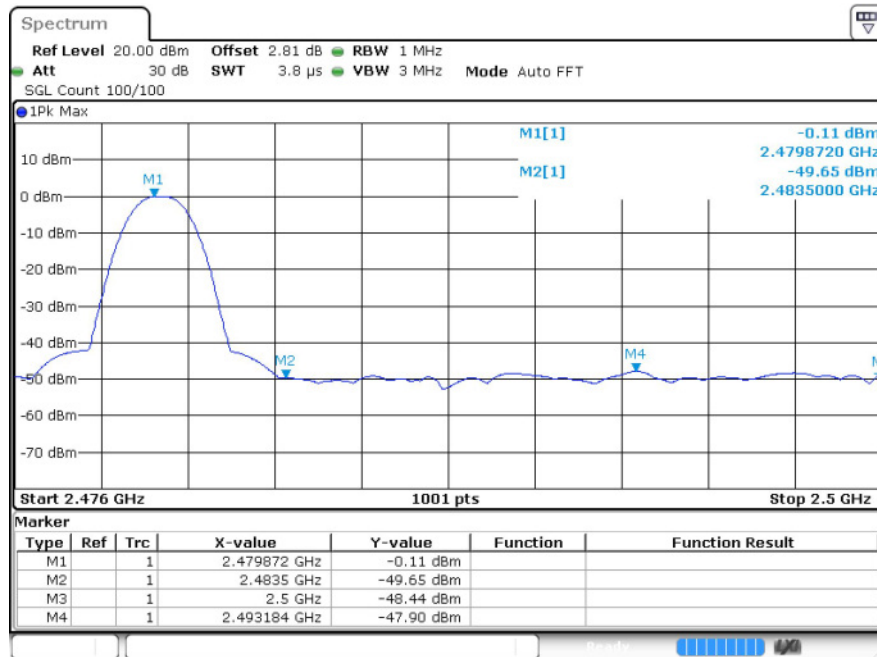
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



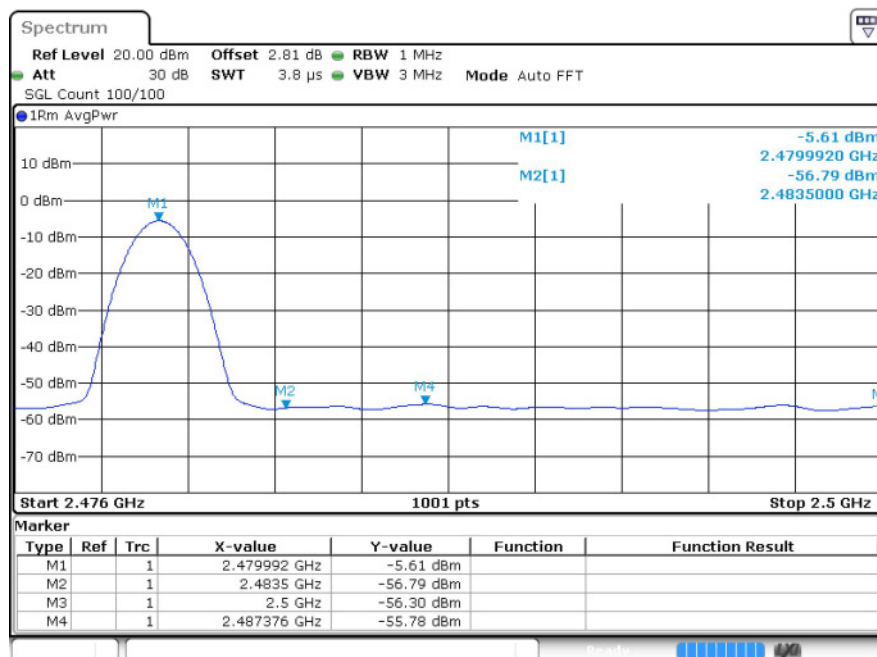
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



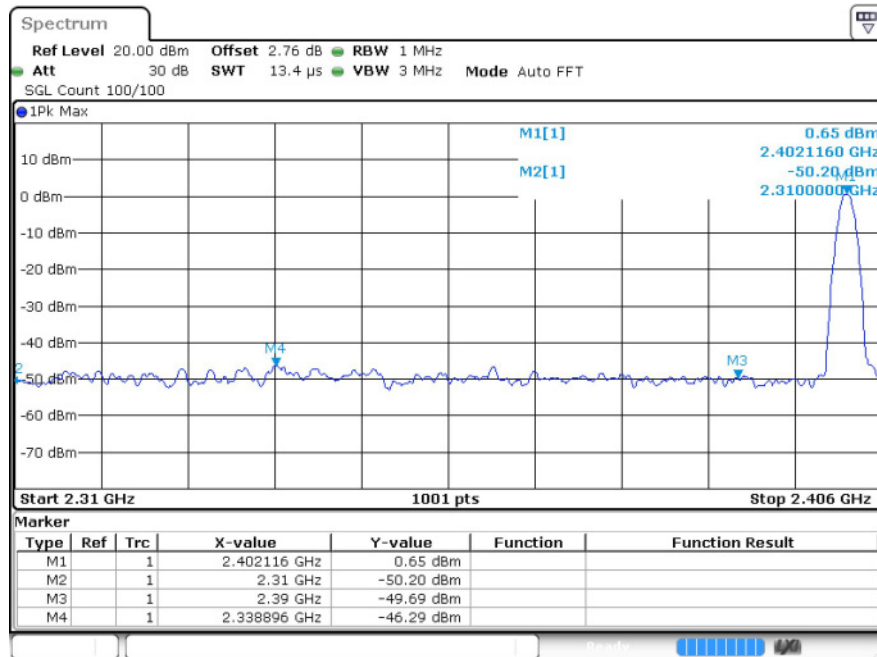
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



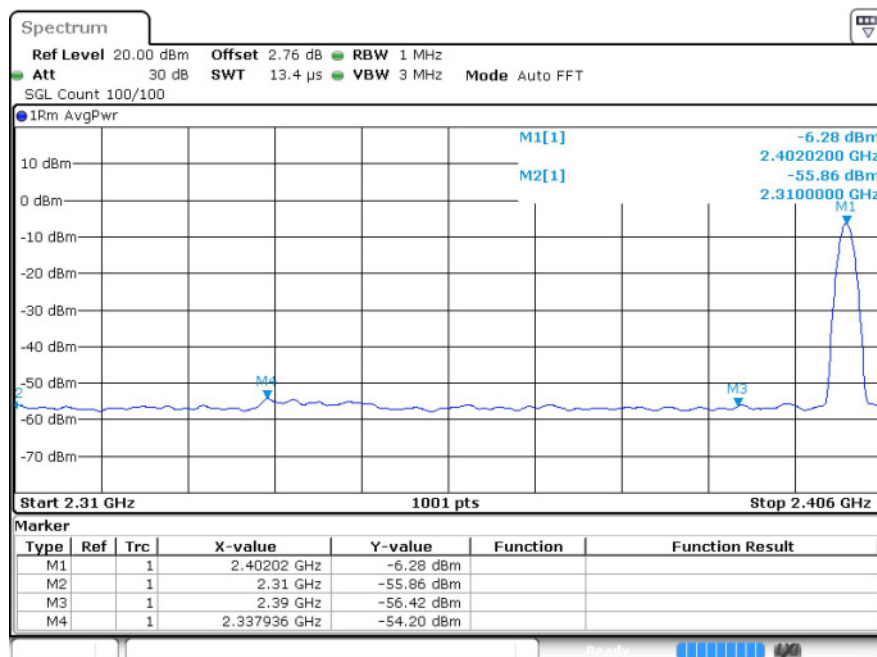
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



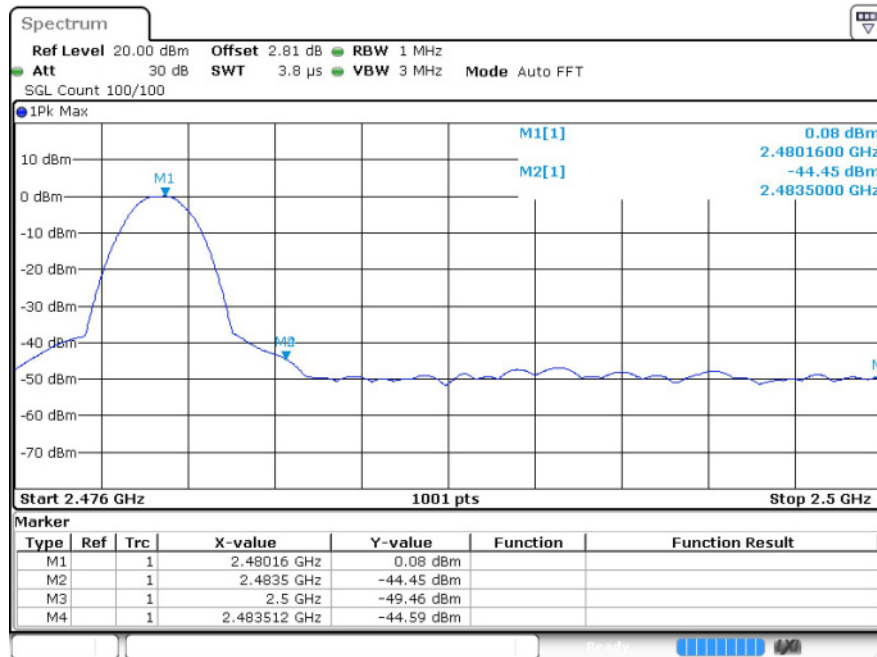
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



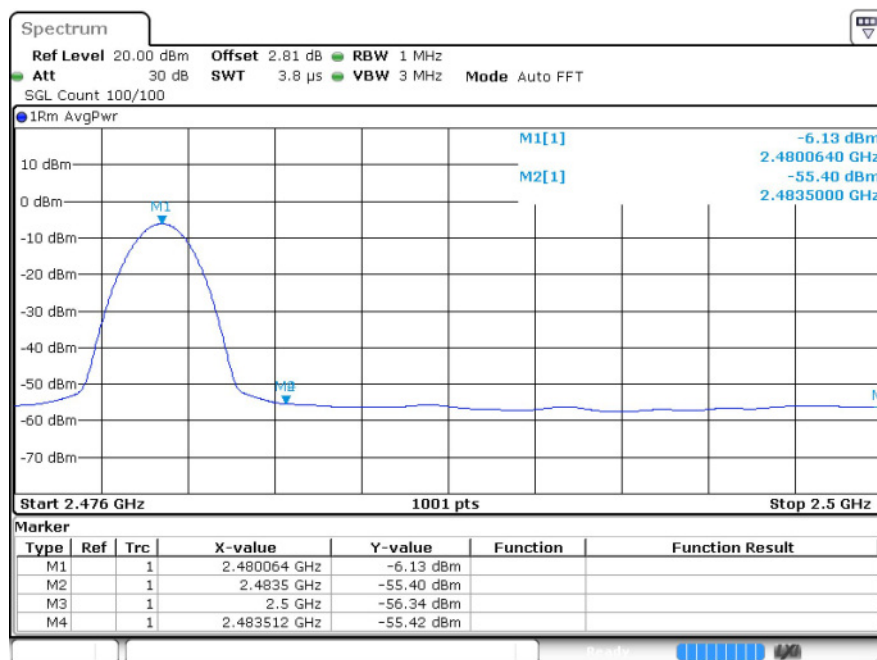
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



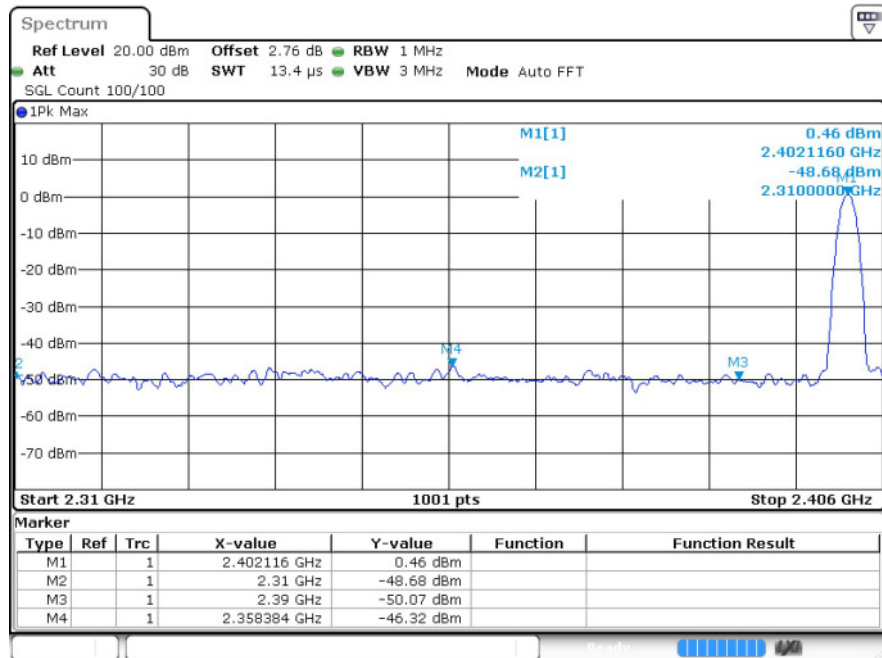
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



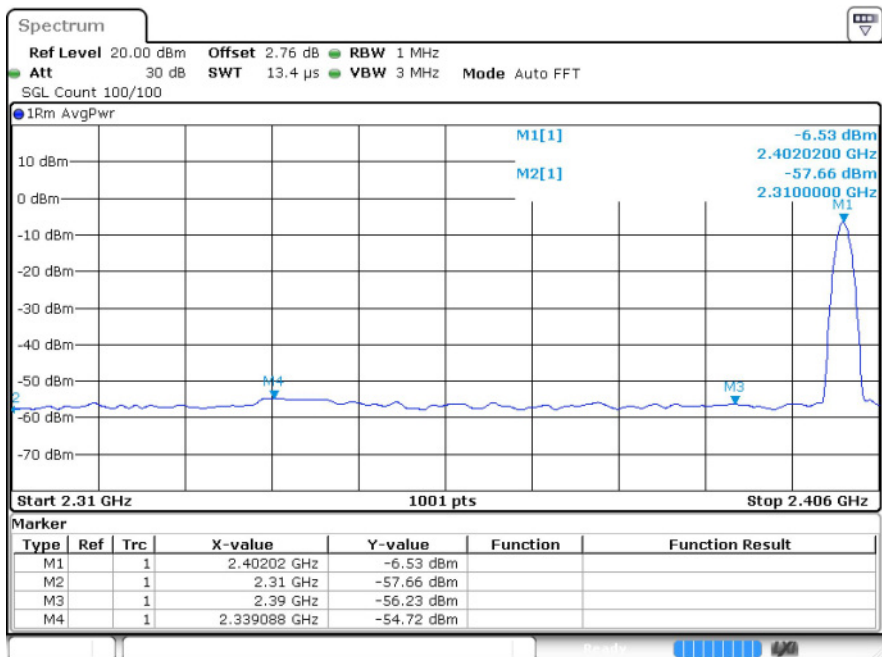
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



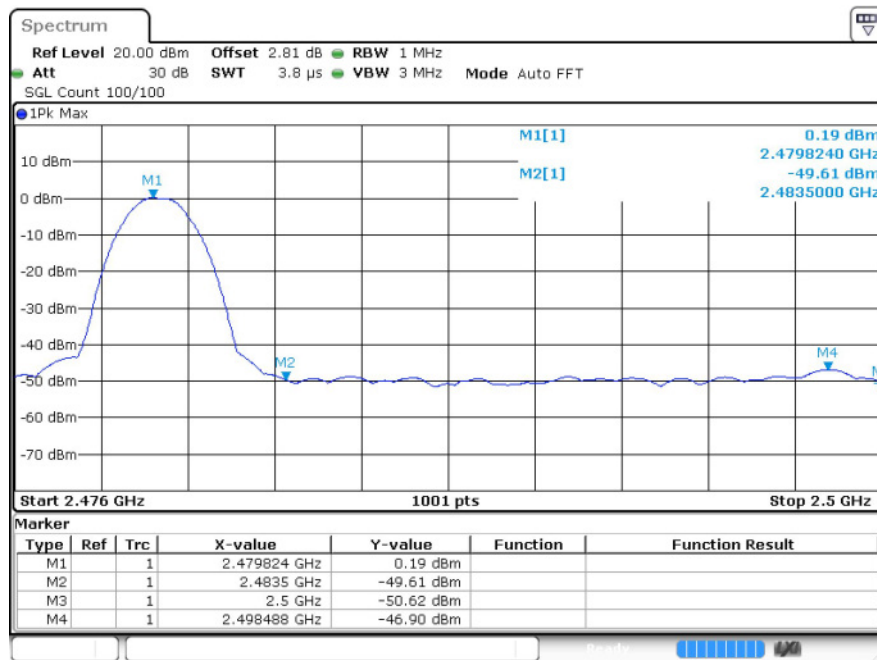
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



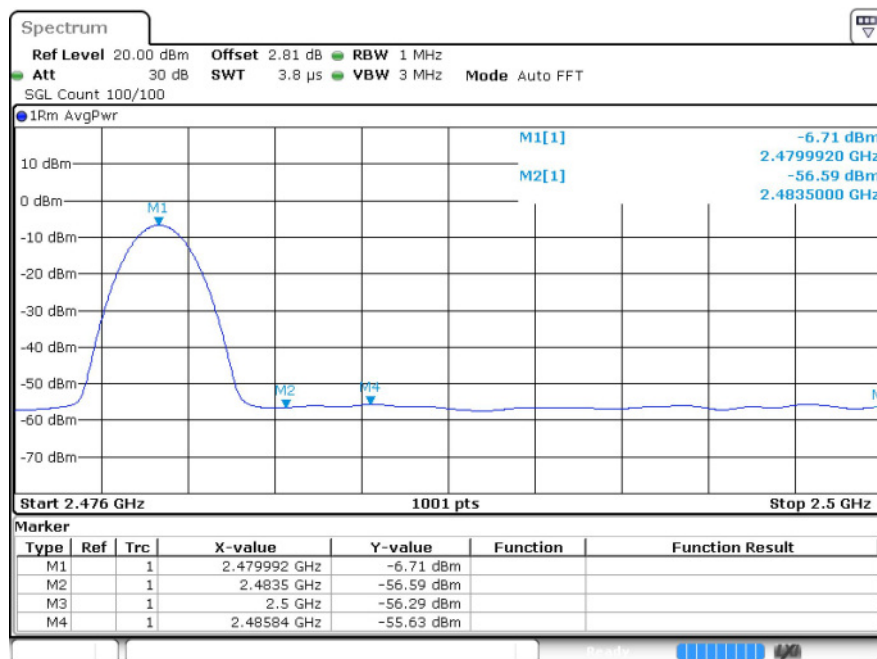
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---