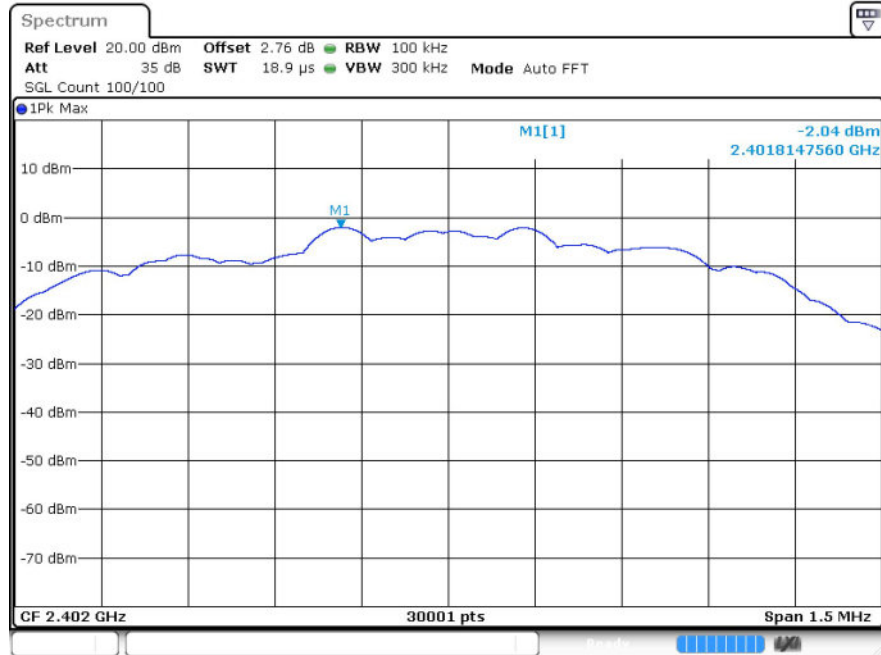
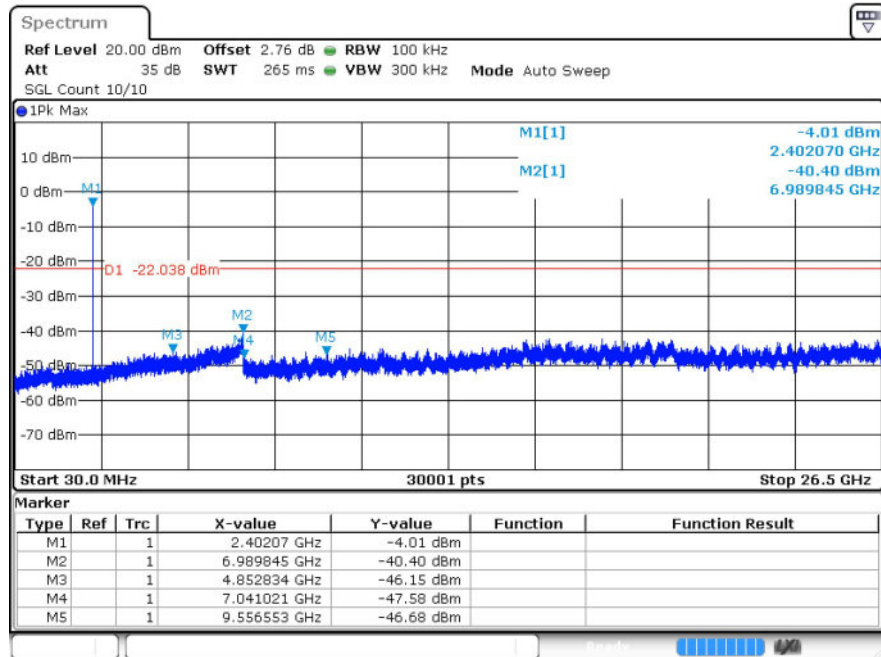


8DPSK_LCH_Graphs

Pref

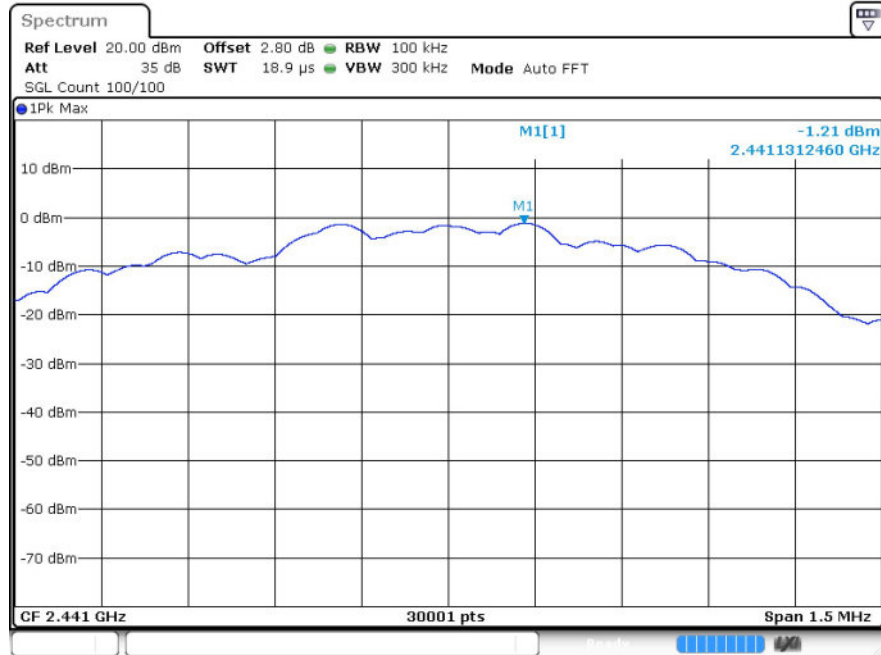


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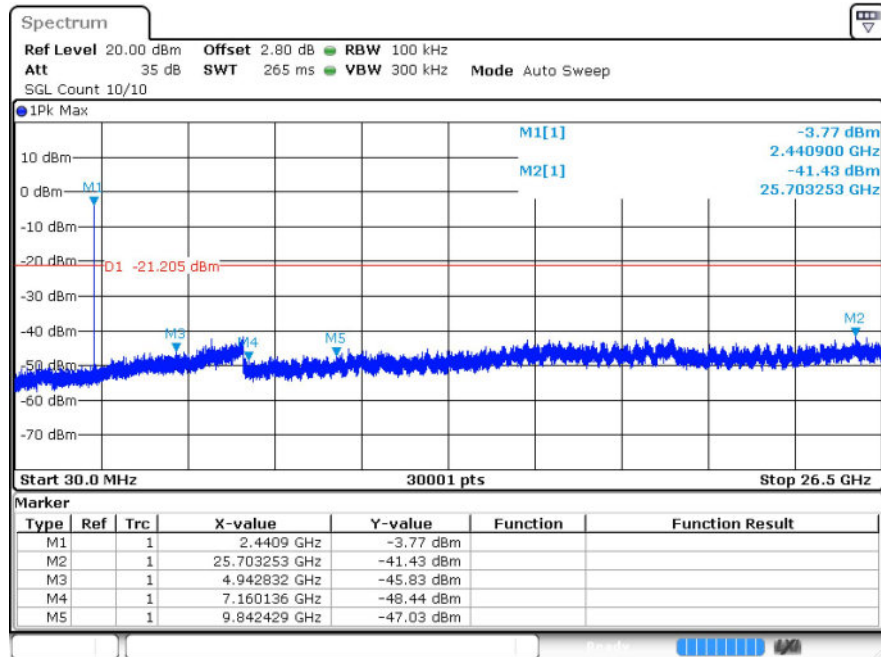


8DPSK_MCH_Graphs

Pref

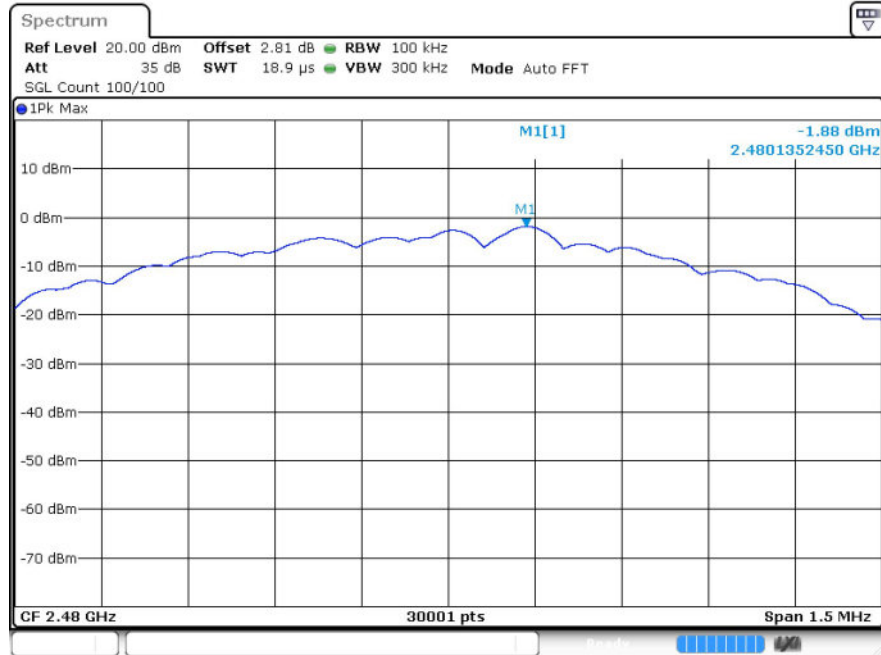


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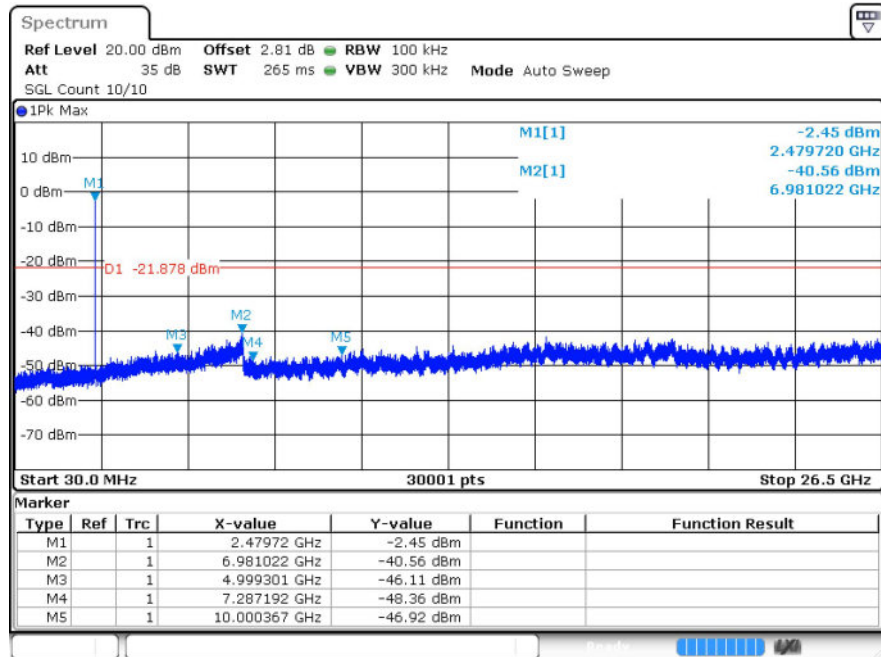


8DPSK_HCH_Graphs

Pref



Puw



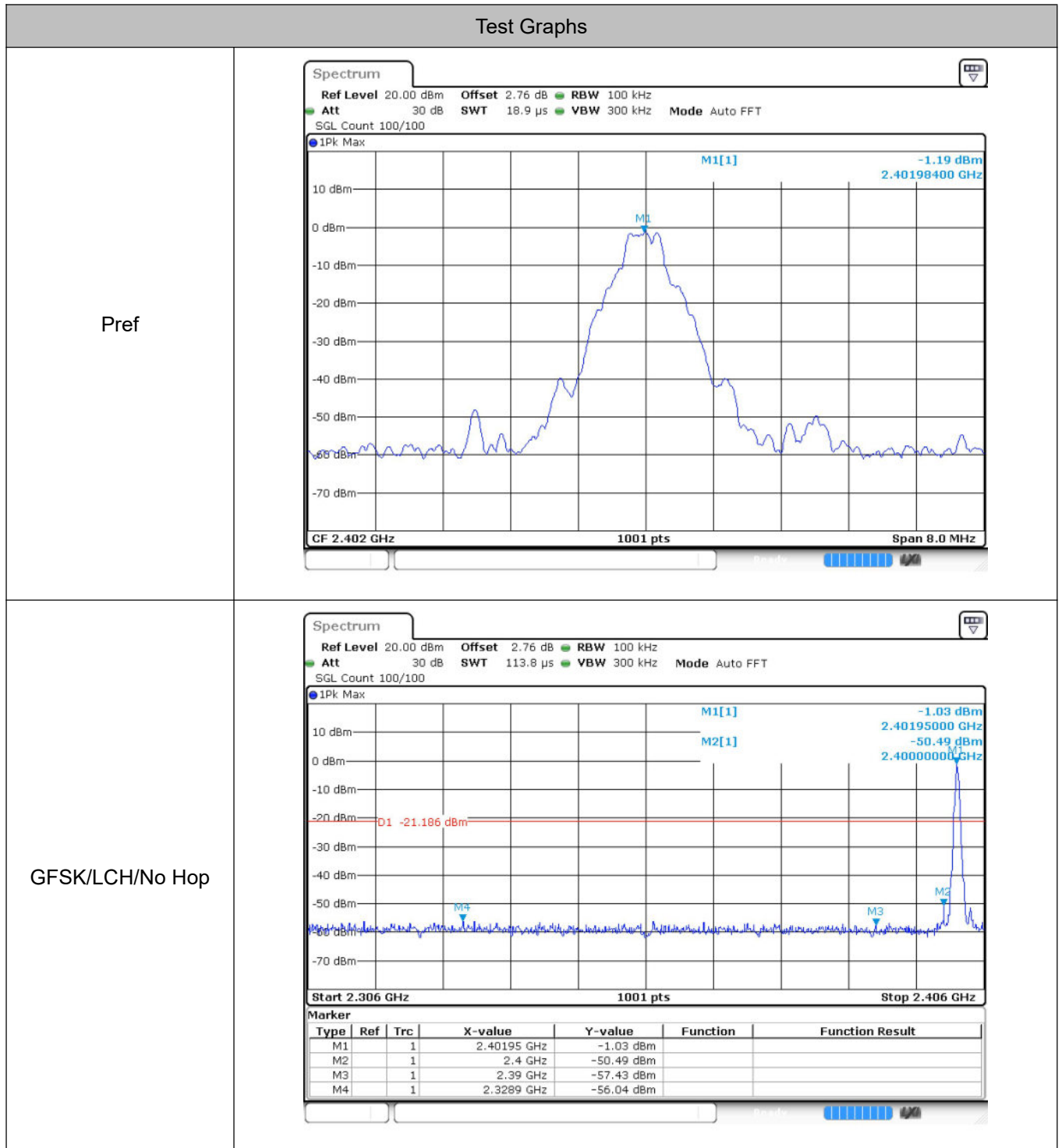
8 Band-edge for RF Conducted Emissions

8.1 Test Result

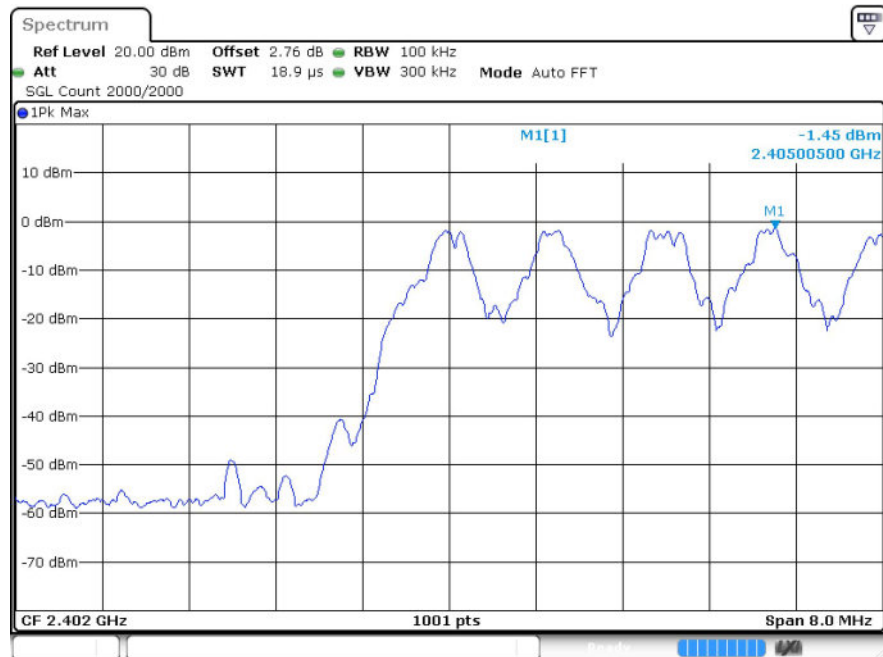
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-54.85	-20	Pass
			On	-53.53	-20	Pass
	HCH	2480	Off	-44.76	-20	Pass
			On	-56.56	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-53.51	-20	Pass
			On	-52.07	-20	Pass
	HCH	2480	Off	-43.73	-20	Pass
			On	-47.6	-20	Pass
8DPSK	LCH	2402	Off	-53.42	-20	Pass
			On	-52.18	-20	Pass
	HCH	2480	Off	-45.29	-20	Pass
			On	-51.39	-20	Pass

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

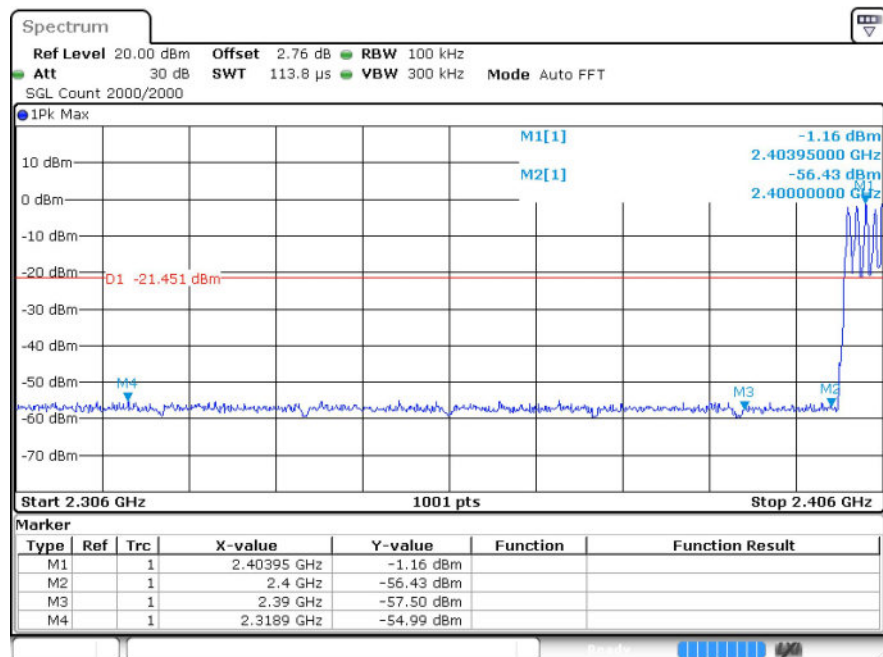
8.2 Test Graphs



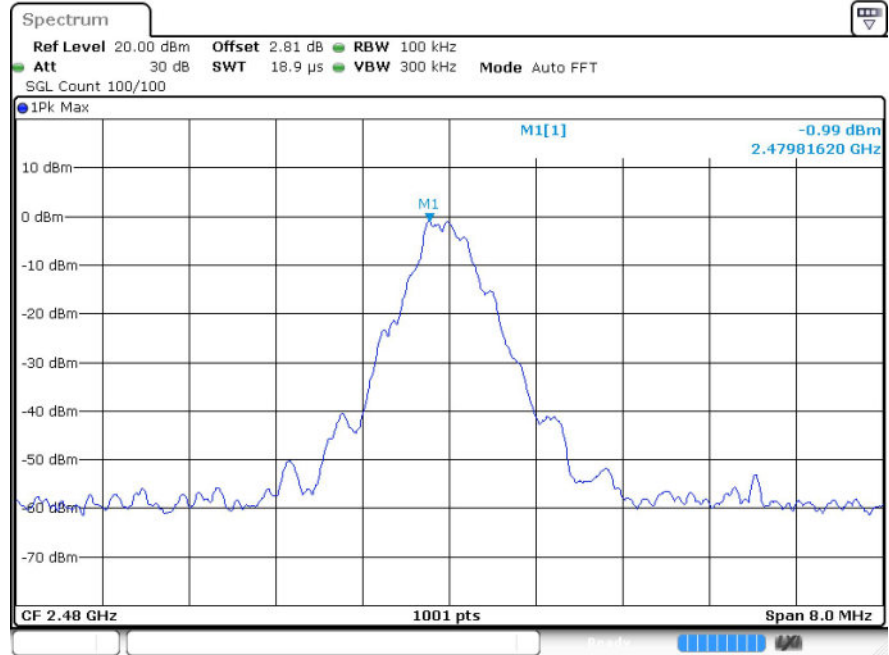
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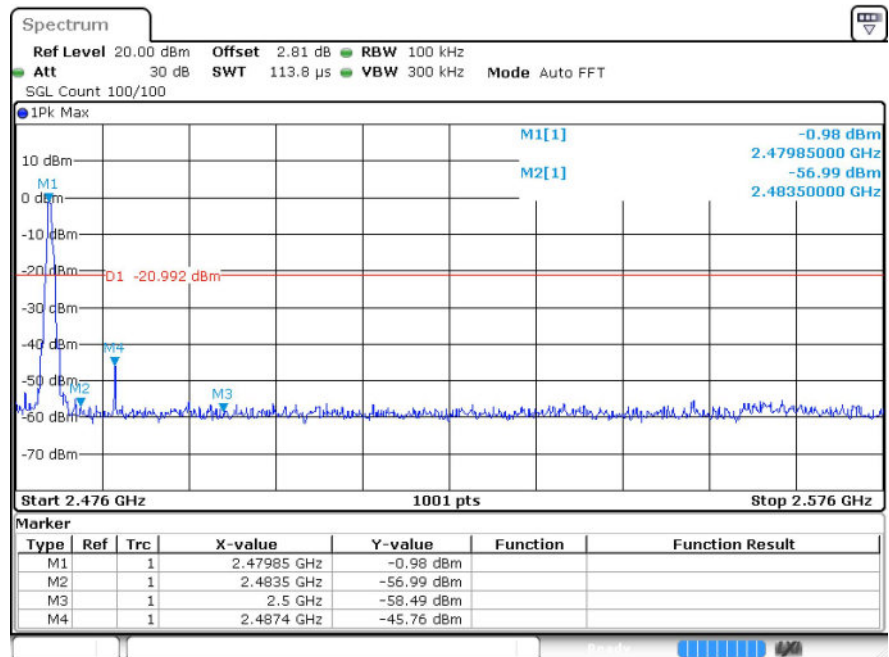
GFSK/LCH/Hop



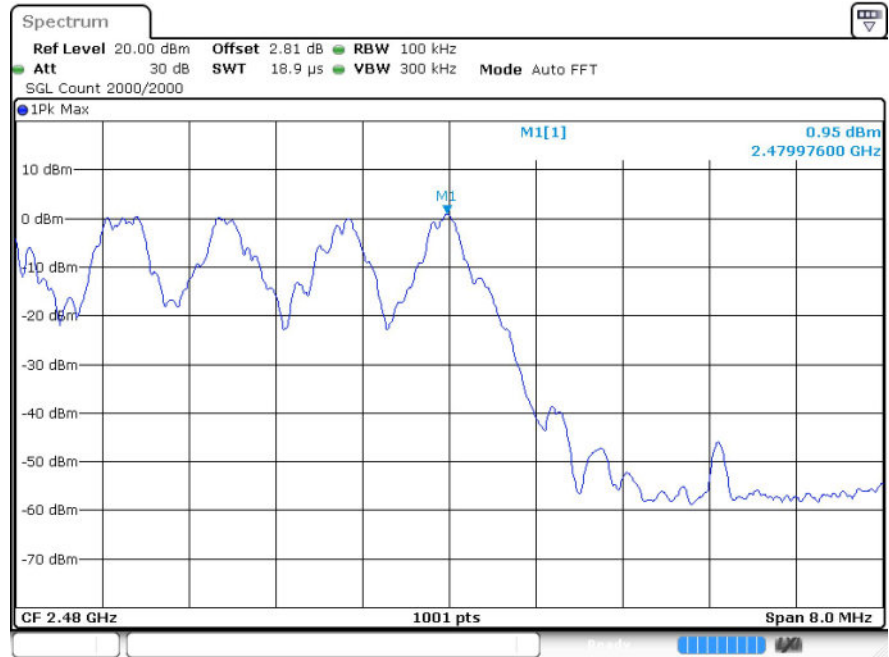
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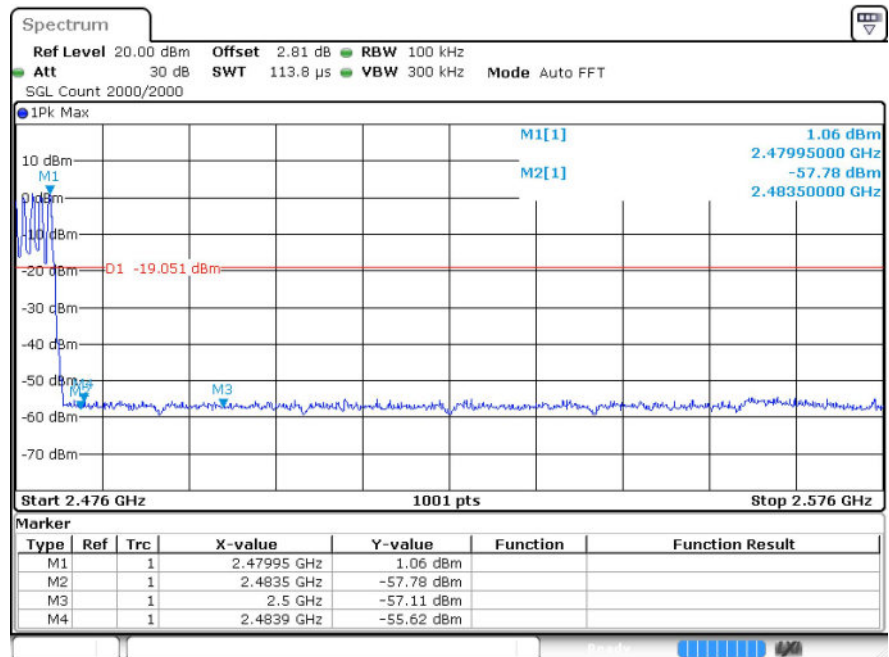
GFSK/HCH/No Hop



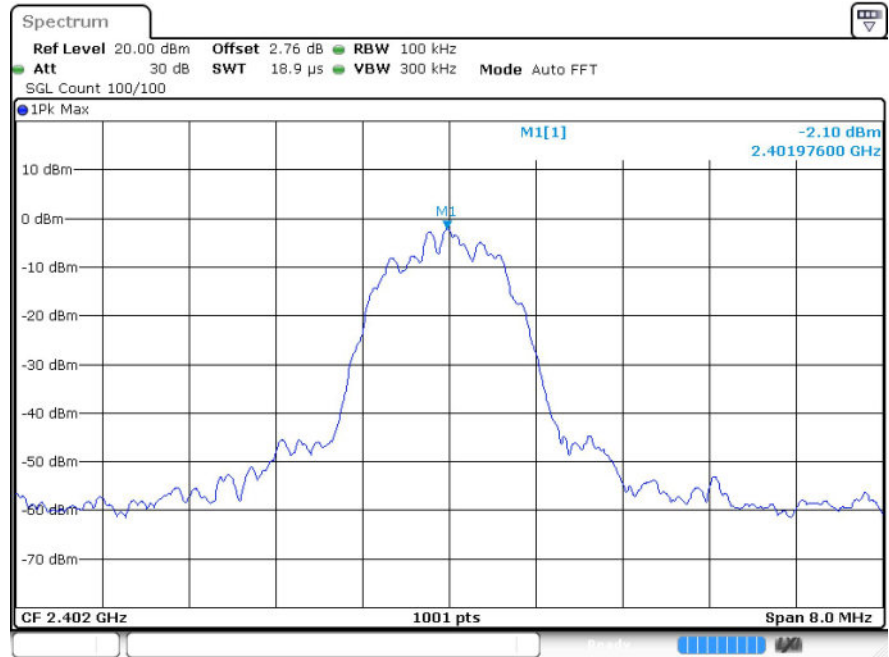
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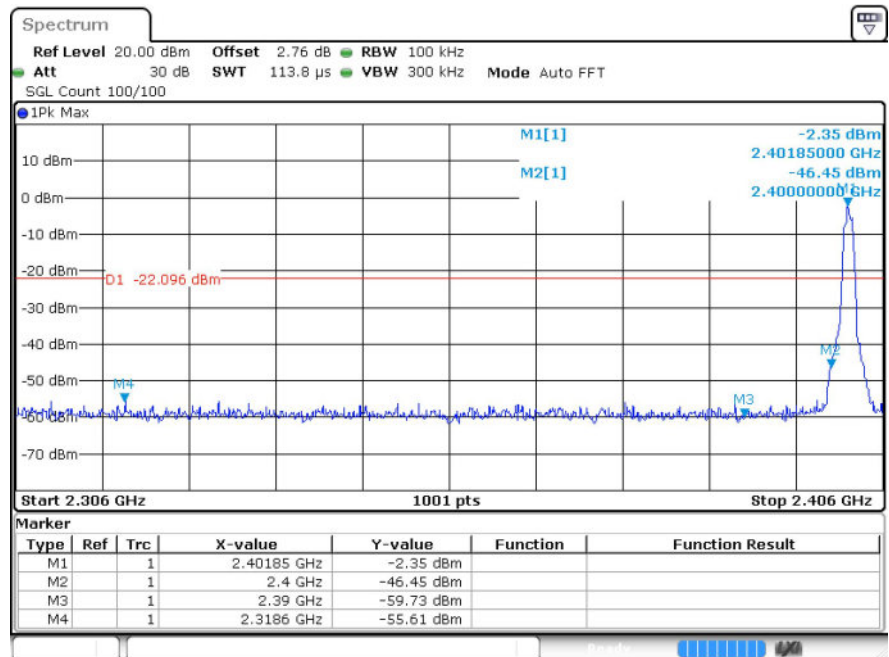
GFSK/HCH/Hop



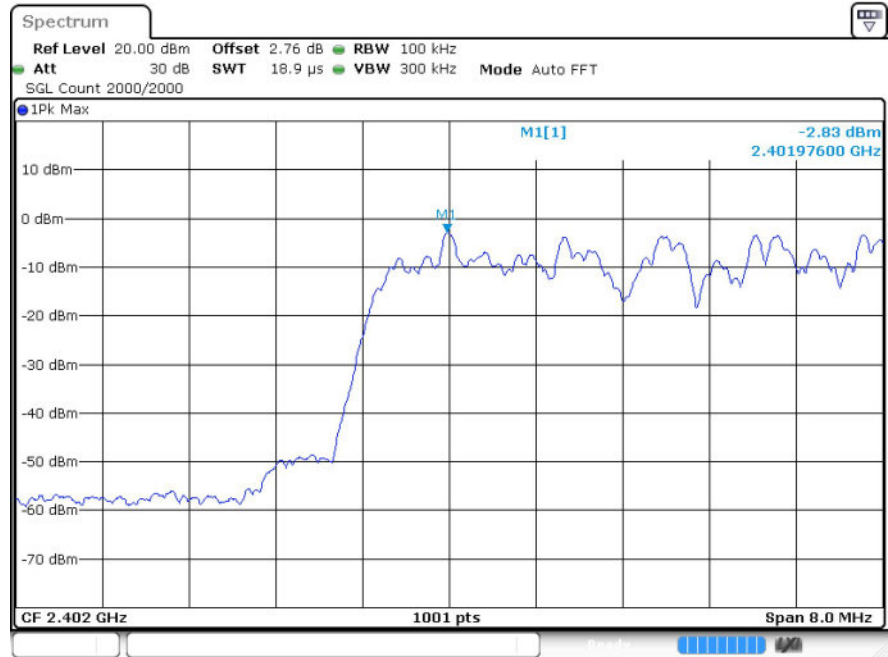
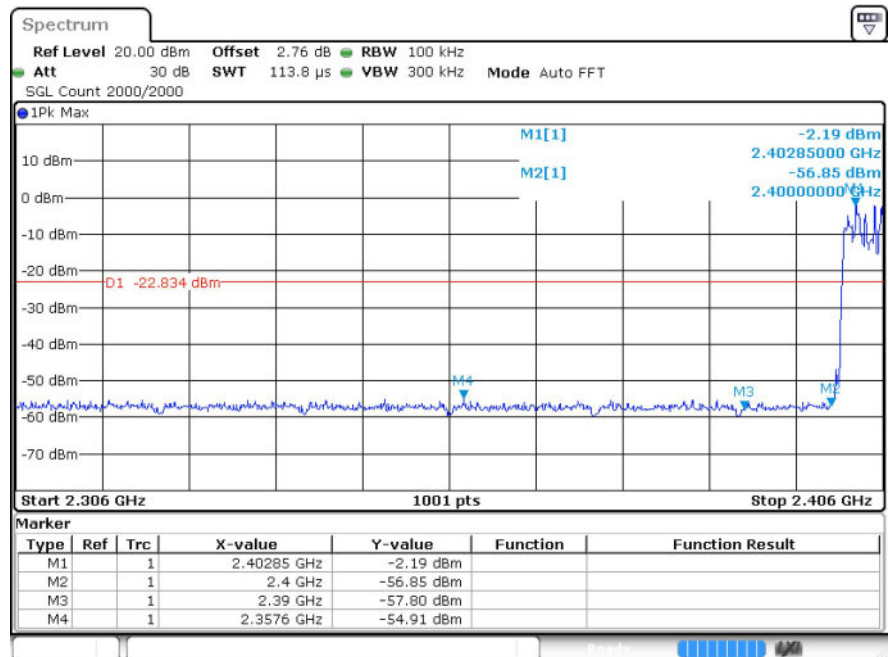
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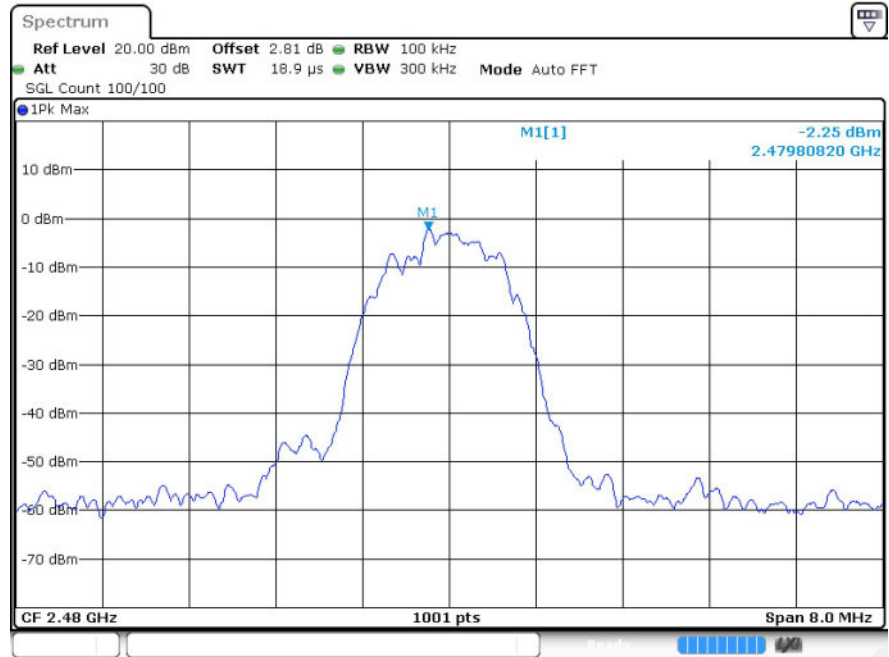
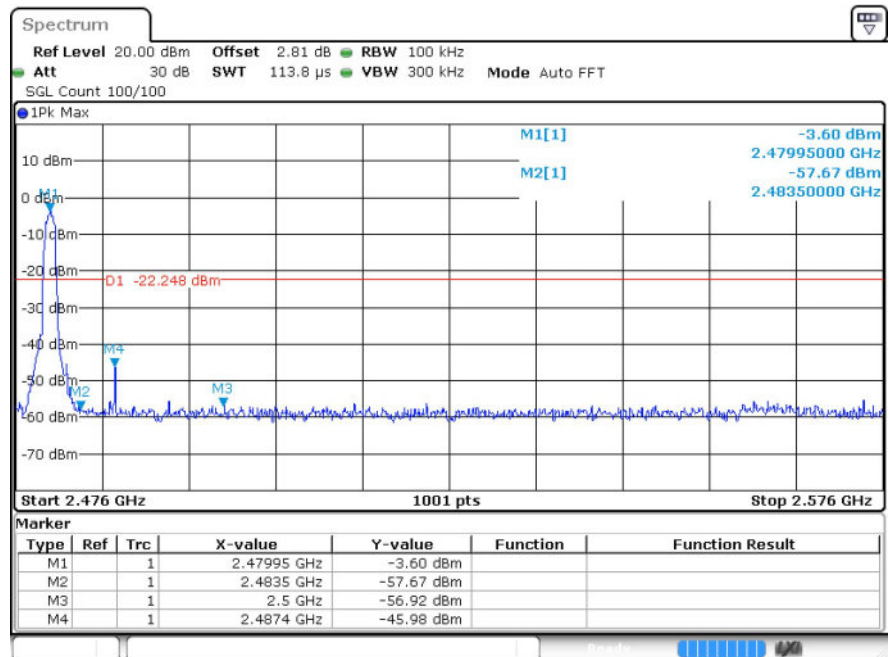
$\pi/4$ DQPSK/LCH/No
Hop



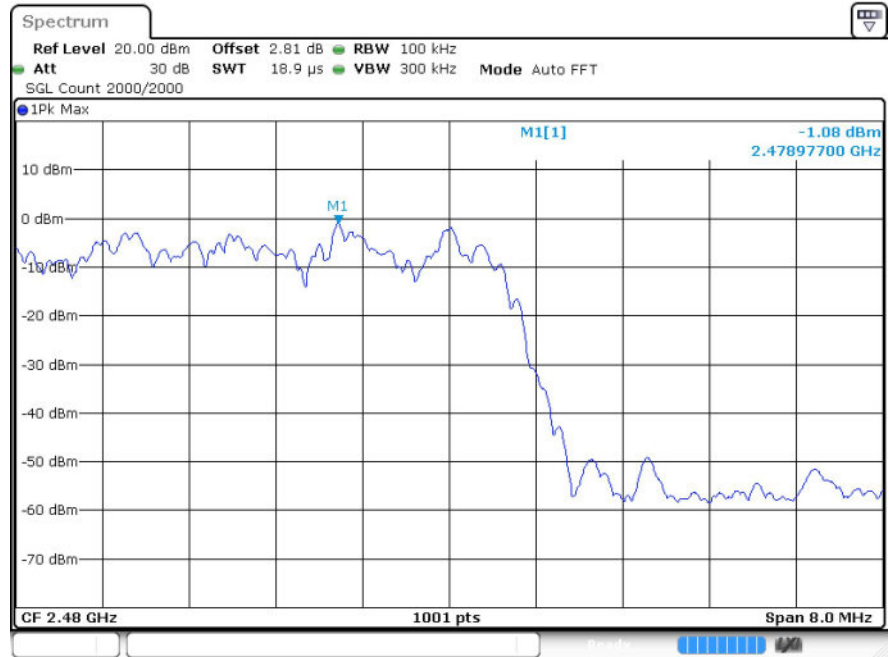
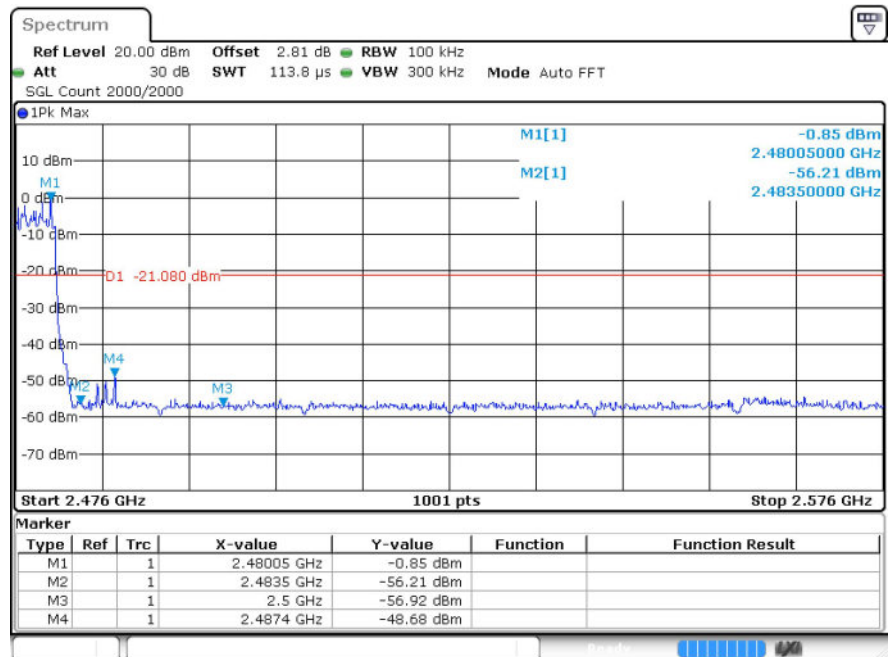
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 $\pi/4$ DQPSK/LCH/Hop


Ref


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


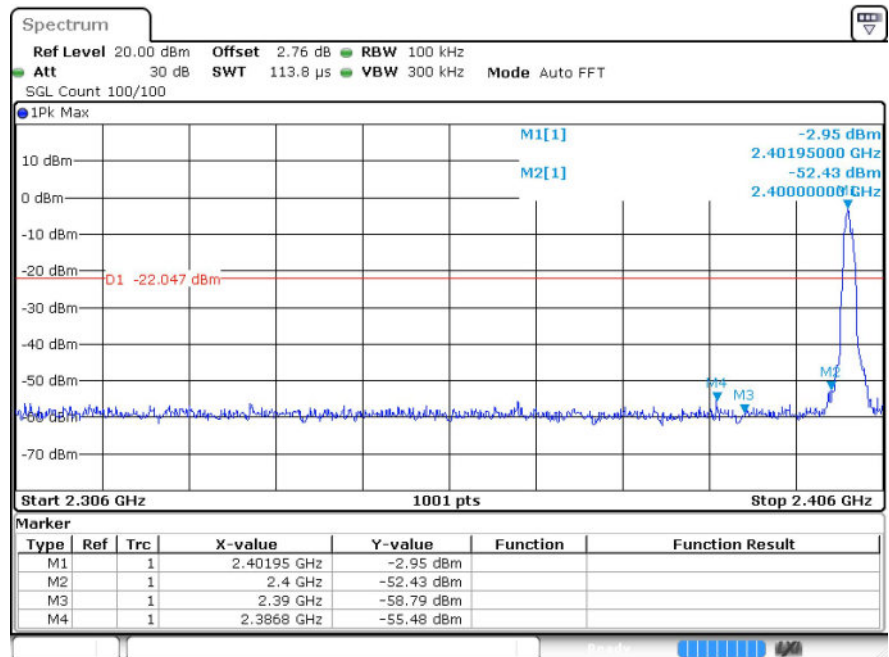
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 $\pi/4$ QPSK/HCH/Hop


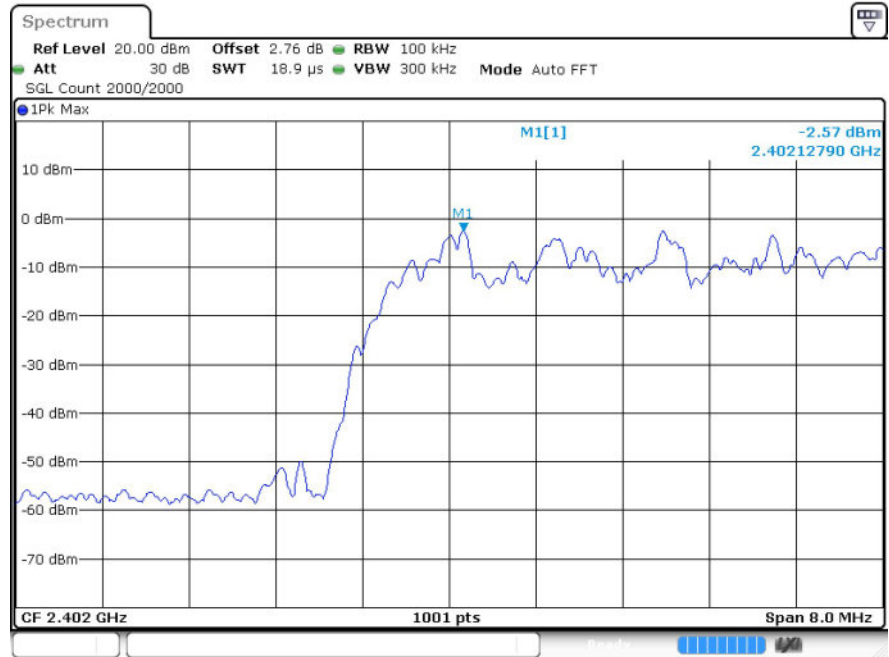
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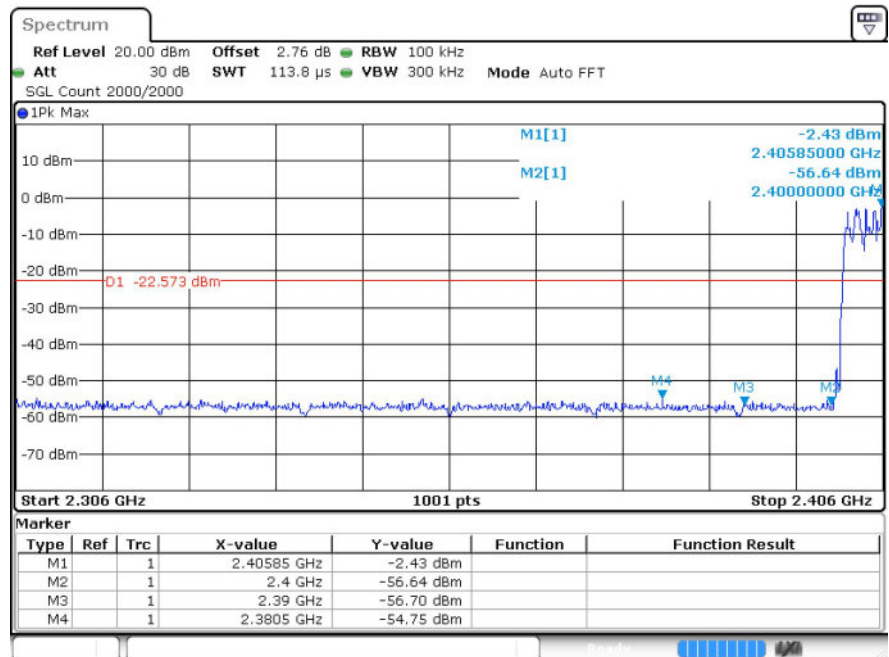
8DPSK/LCH/No Hop



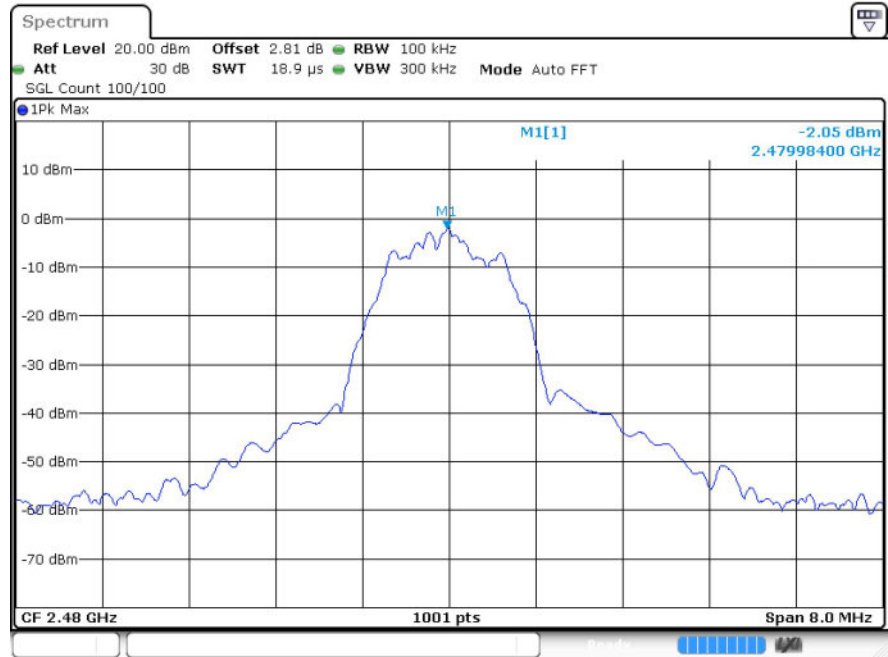
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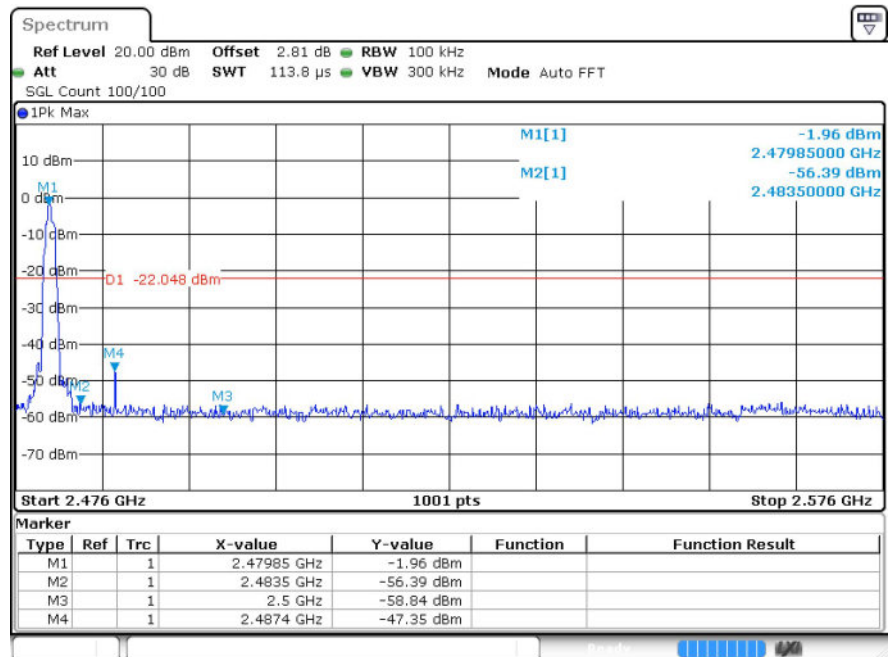
8DPSK/LCH/Hop



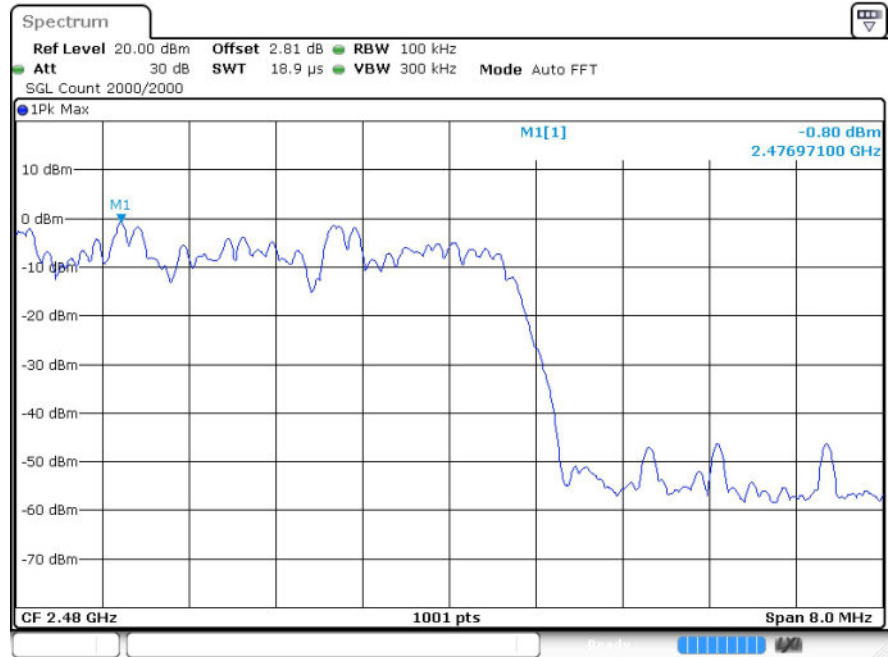
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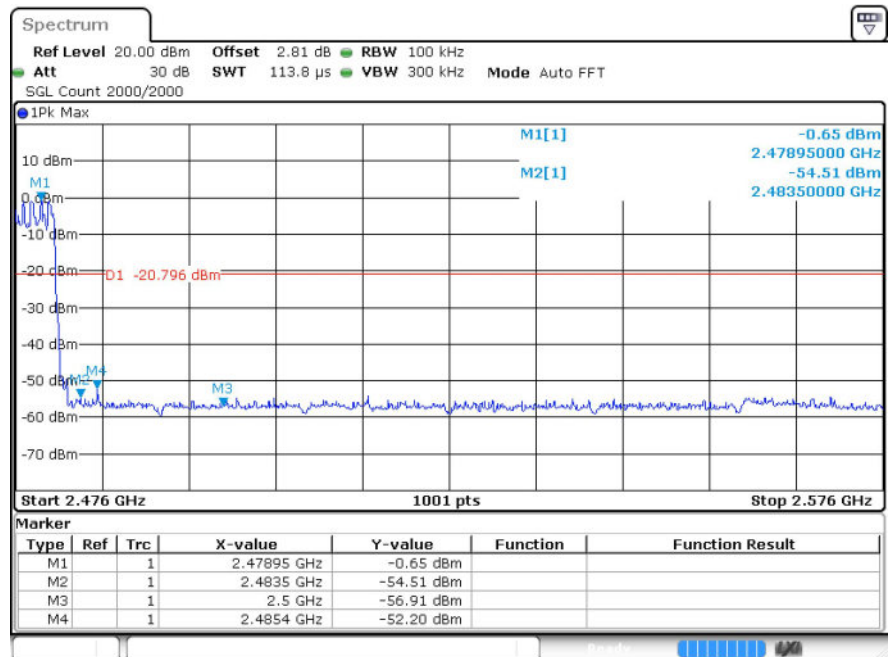
8DPSK/HCH/No Hop



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	-49.55	2.78	-	48.46	PEAK	74	Pass
	Off	2310.0	-56.2	2.78	5.06	46.87	AV	54	Pass
	Off	2341.296	-46.39	2.78	-	51.62	PEAK	74	Pass
	Off	2339.952	-54.77	2.78	5.06	48.30	AV	54	Pass
	Off	2390.0	-50.28	2.78	-	47.73	PEAK	74	Pass
	Off	2390.0	-56.63	2.78	5.06	46.44	AV	54	Pass
	Off	2483.5	-50.48	2.78	-	47.53	PEAK	74	Pass
	Off	2483.5	-56.5	2.78	5.06	46.57	AV	54	Pass
	Off	2494.336	-46.79	2.78	-	51.22	PEAK	74	Pass
	Off	2496.232	-55.77	2.78	5.06	47.30	AV	54	Pass
	Off	2500.0	-48.57	2.78	-	49.44	PEAK	74	Pass
	Off	2500.0	-56.2	2.78	5.06	46.87	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-49.64	2.78	-	48.37	PEAK	74	Pass
	Off	2310.0	-56.08	2.78	4.95	46.88	AV	54	Pass
	Off	2342.544	-46.34	2.78	-	51.67	PEAK	74	Pass
	Off	2339.568	-54.36	2.78	4.95	48.60	AV	54	Pass
	Off	2390.0	-51.13	2.78	-	46.88	PEAK	74	Pass
	Off	2390.0	-56.76	2.78	4.95	46.20	AV	54	Pass
	Off	2483.5	-49.96	2.78	-	48.05	PEAK	74	Pass
	Off	2483.5	-56.27	2.78	4.95	46.69	AV	54	Pass
	Off	2487.376	-45.61	2.78	-	52.40	PEAK	74	Pass
	Off	2486.632	-55.47	2.78	4.95	47.49	AV	54	Pass
	Off	2500.0	-48.88	2.78	-	49.13	PEAK	74	Pass
	Off	2500.0	-55.96	2.78	4.95	47.00	AV	54	Pass
8DPSK	Off	2310.0	-47.94	2.78	-	50.07	PEAK	74	Pass
	Off	2310.0	-56.96	2.78	4.95	46.00	AV	54	Pass
	Off	2318.544	-45.63	2.78	-	52.38	PEAK	74	Pass
	Off	2338.128	-54.01	2.78	4.95	48.95	AV	54	Pass

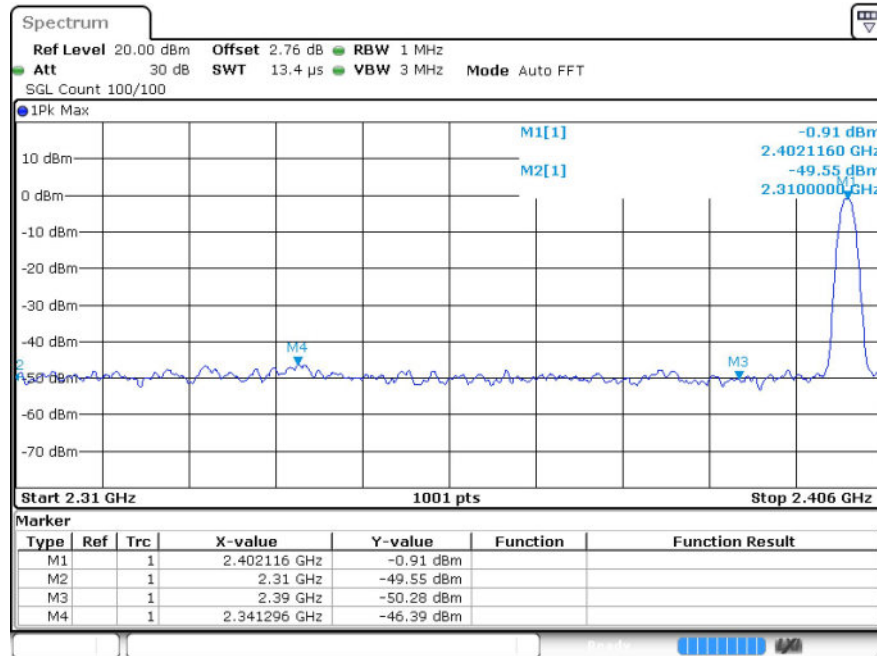


Off	2390.0	-50.95	2.78	-	47.06	PEAK	74	Pass
Off	2390.0	-56.93	2.78	4.95	46.03	AV	54	Pass
Off	2483.5	-49.7	2.78	-	48.31	PEAK	74	Pass
Off	2483.5	-56.37	2.78	4.96	46.60	AV	54	Pass
Off	2487.4	-45.52	2.78	-	52.49	PEAK	74	Pass
Off	2487.496	-55.47	2.78	4.96	47.50	AV	54	Pass
Off	2500.0	-51.39	2.78	-	46.62	PEAK	74	Pass
Off	2500.0	-56.7	2.78	4.96	46.27	AV	54	Pass

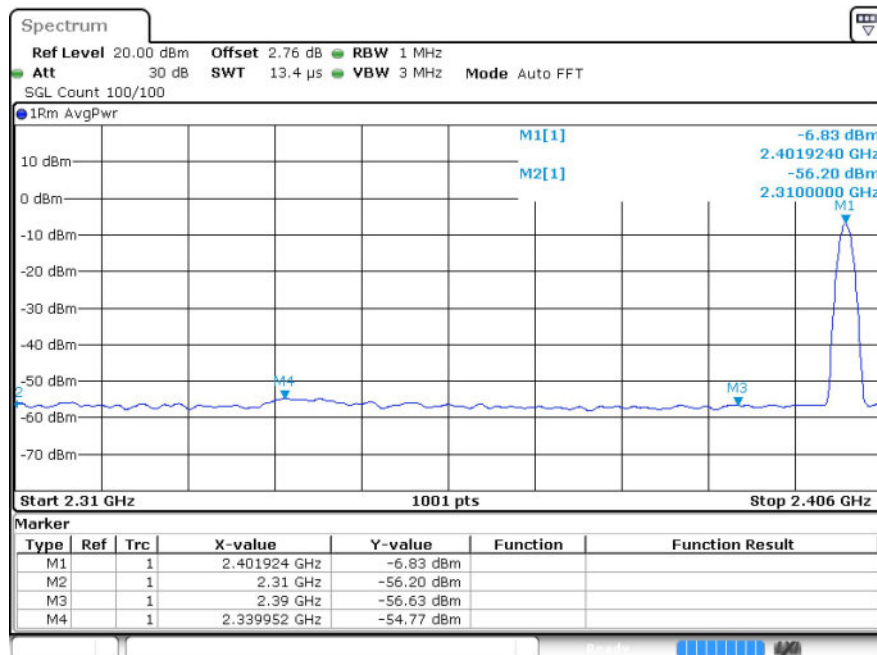
Note: Left and right ear have been tested and the only shows the worst case mode.

9.2 Test Graphs

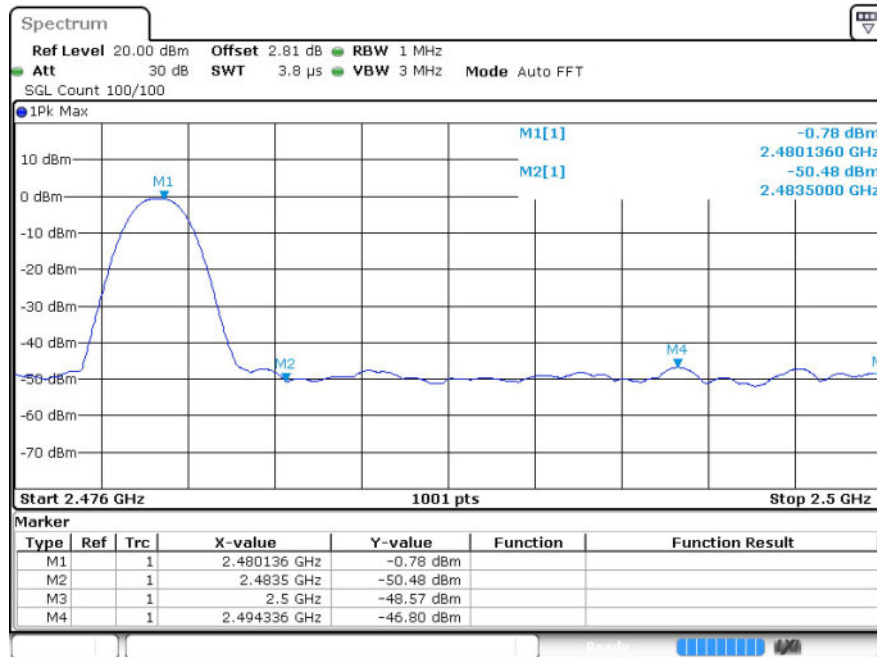
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



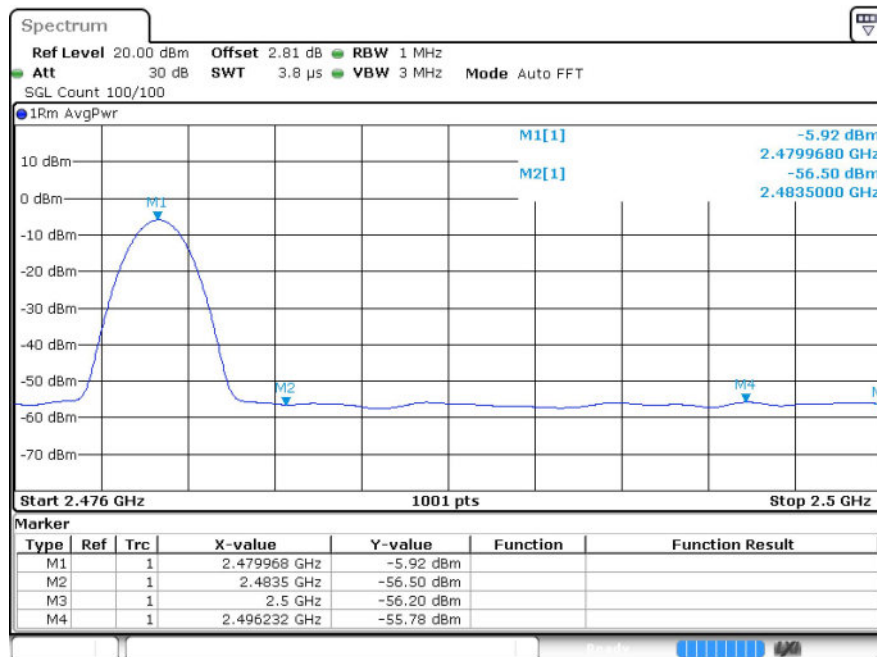
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



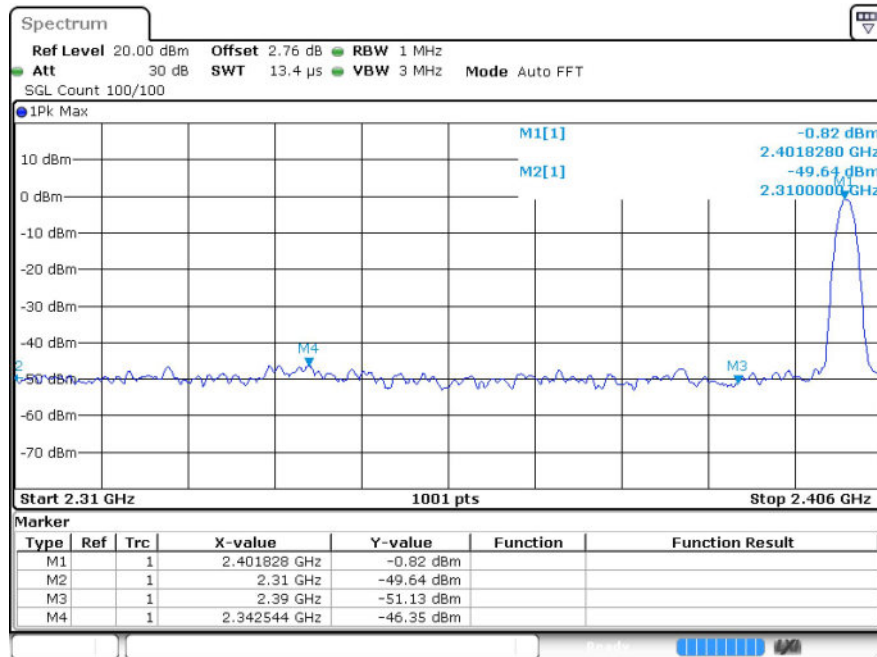
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



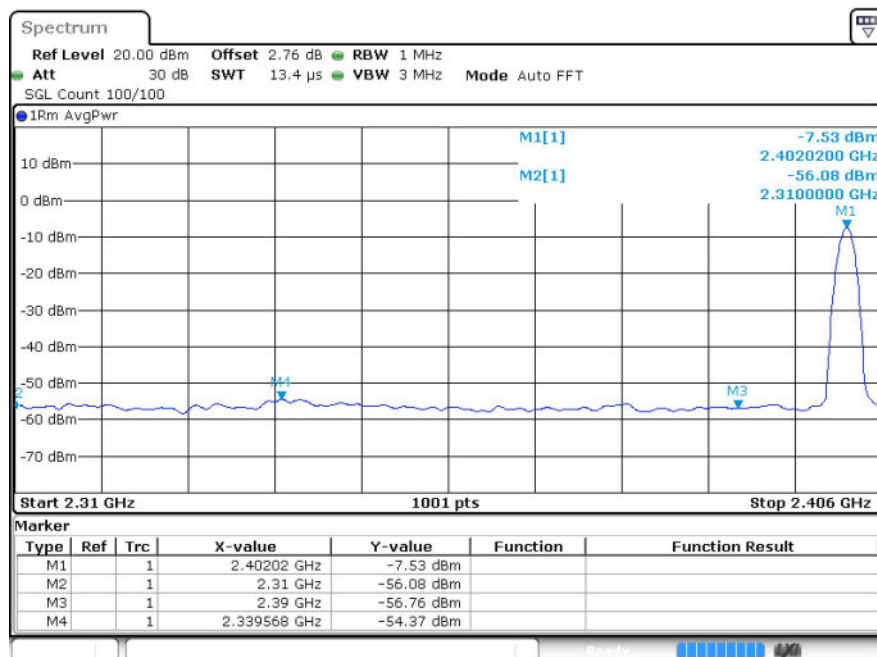
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



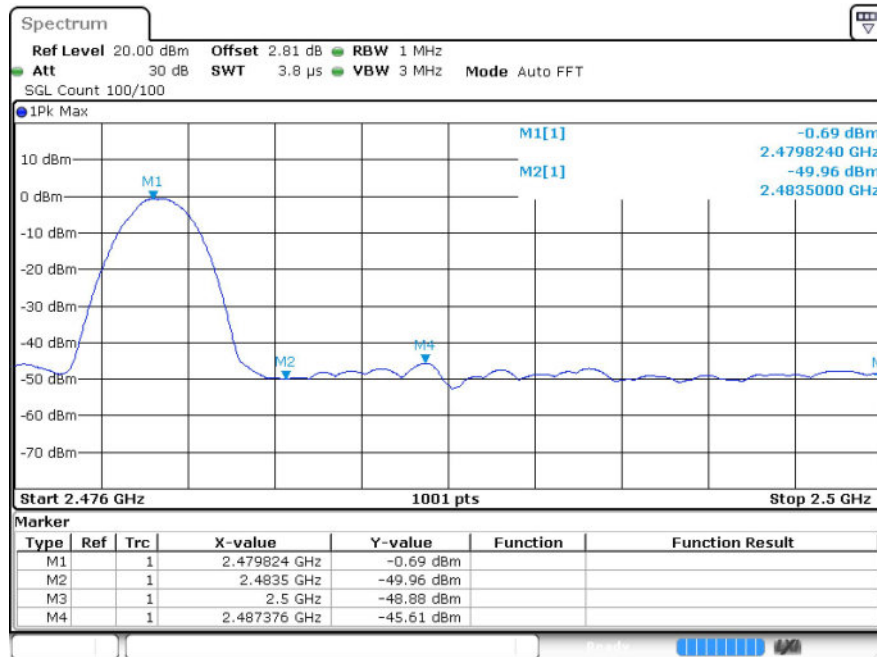
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



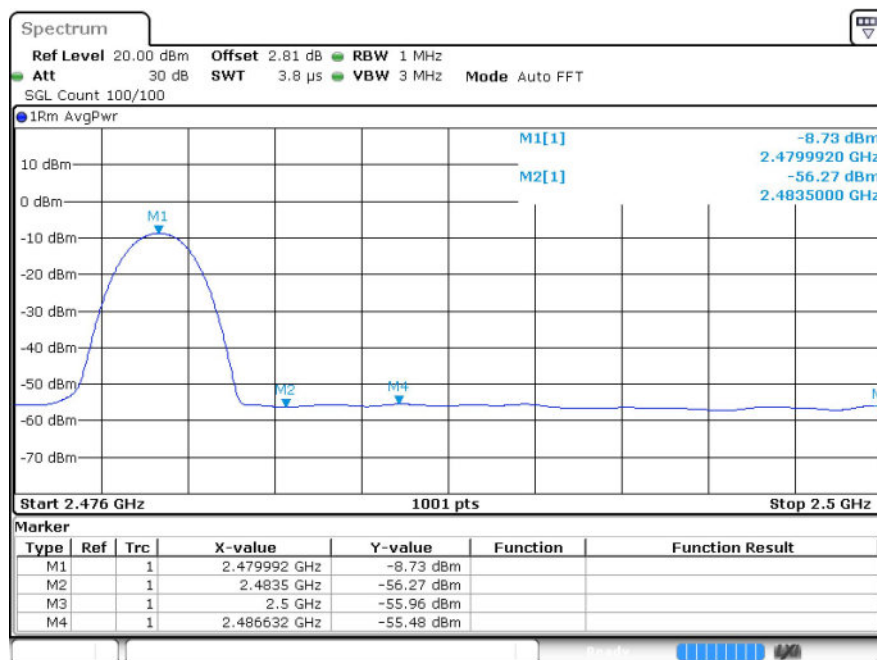
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



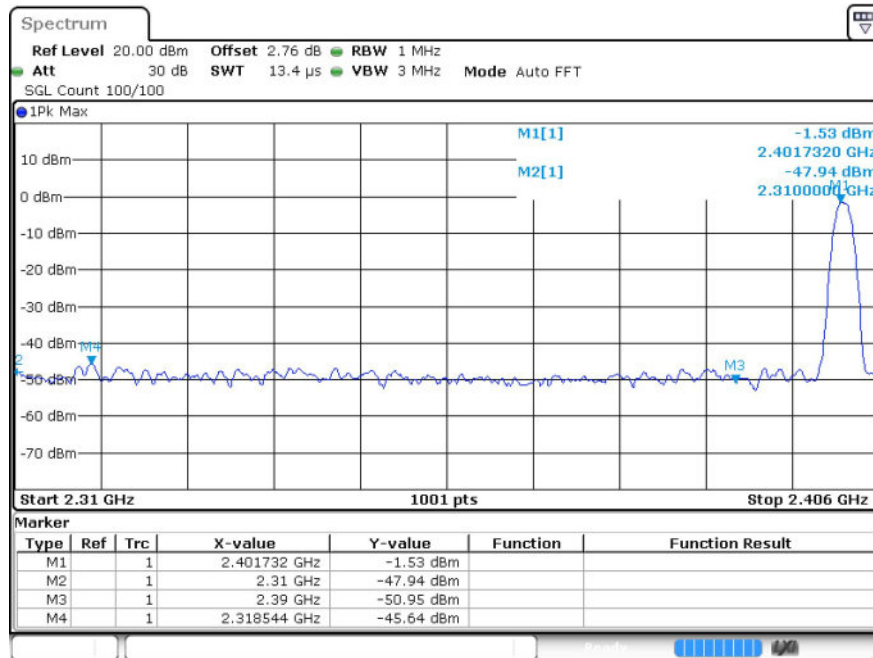
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



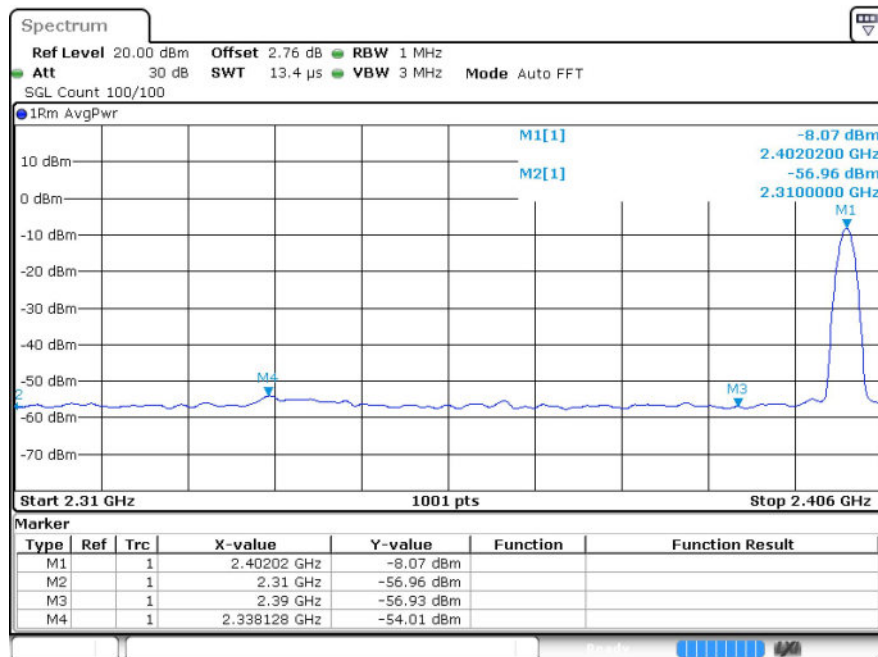
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



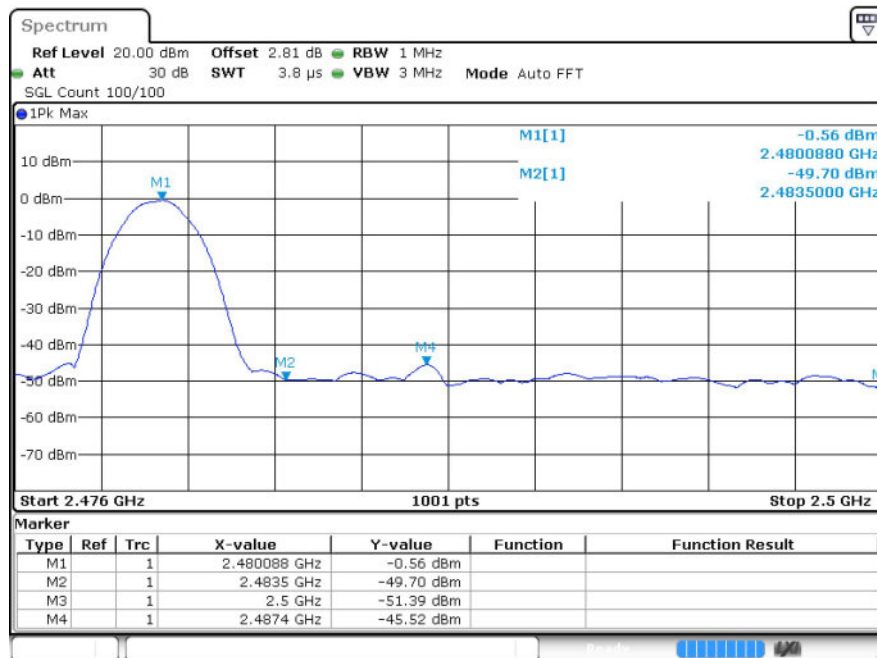
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



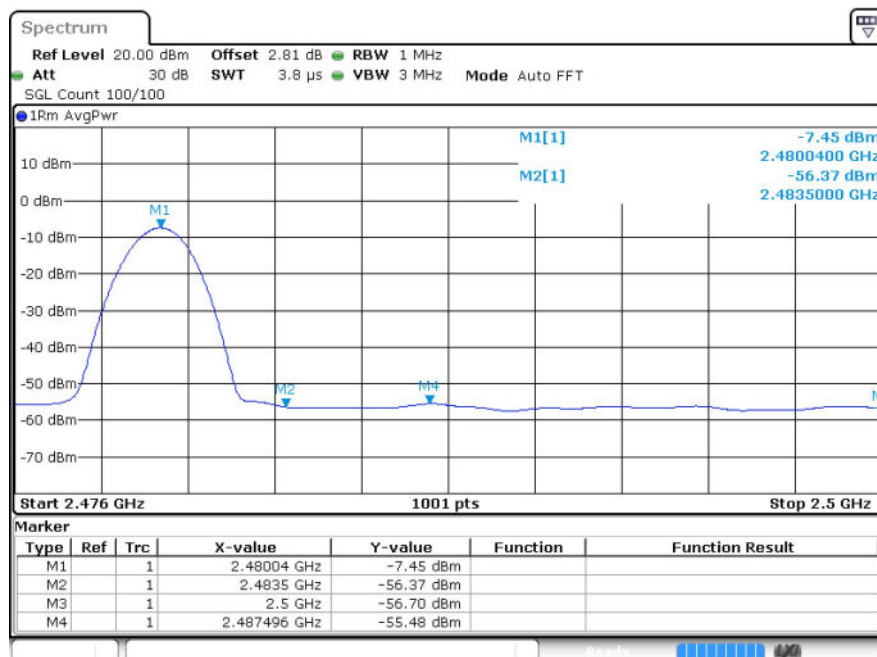
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---