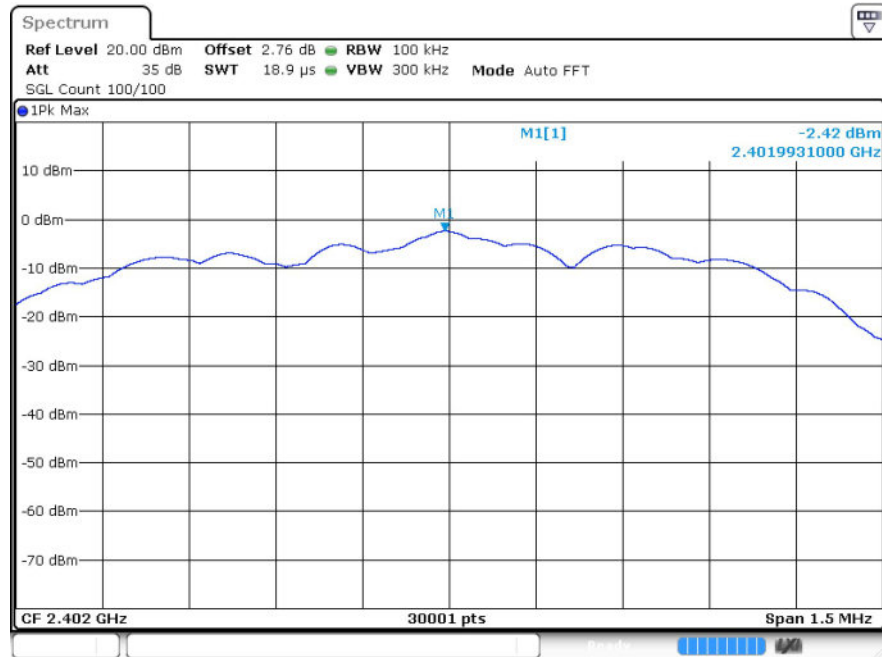
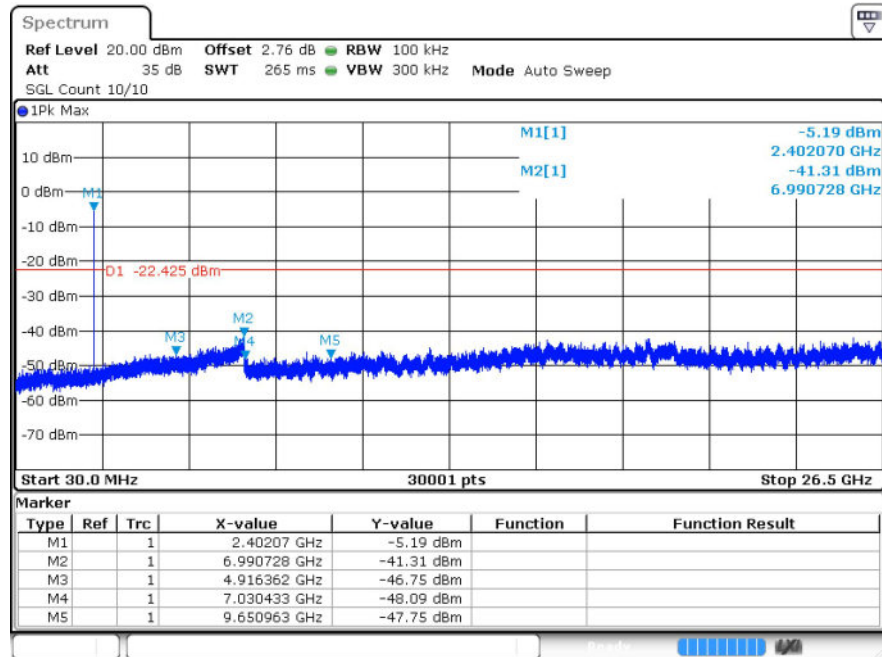


$\pi/4$ DQPSK_LCH_Graphs

Pref

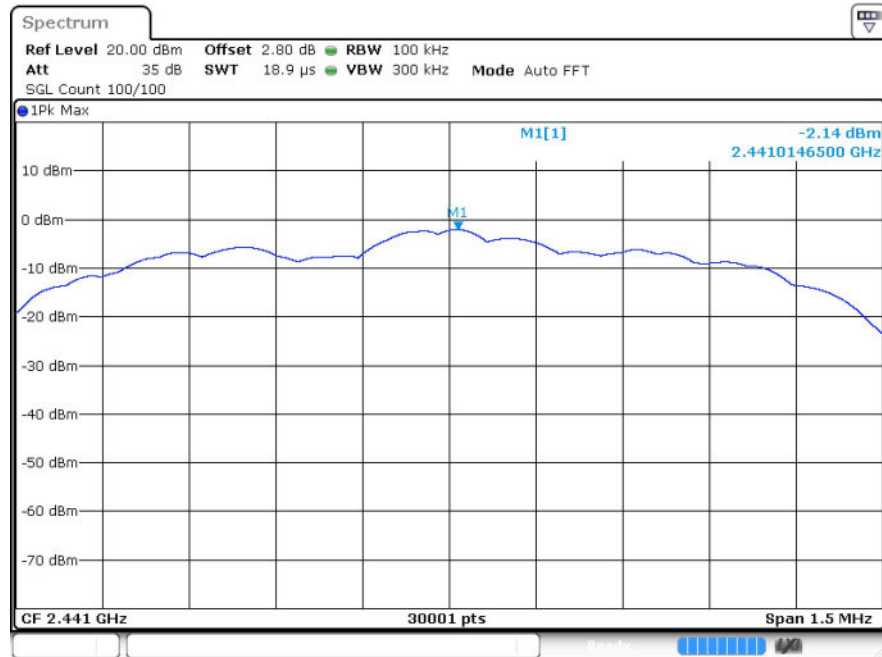


Puw

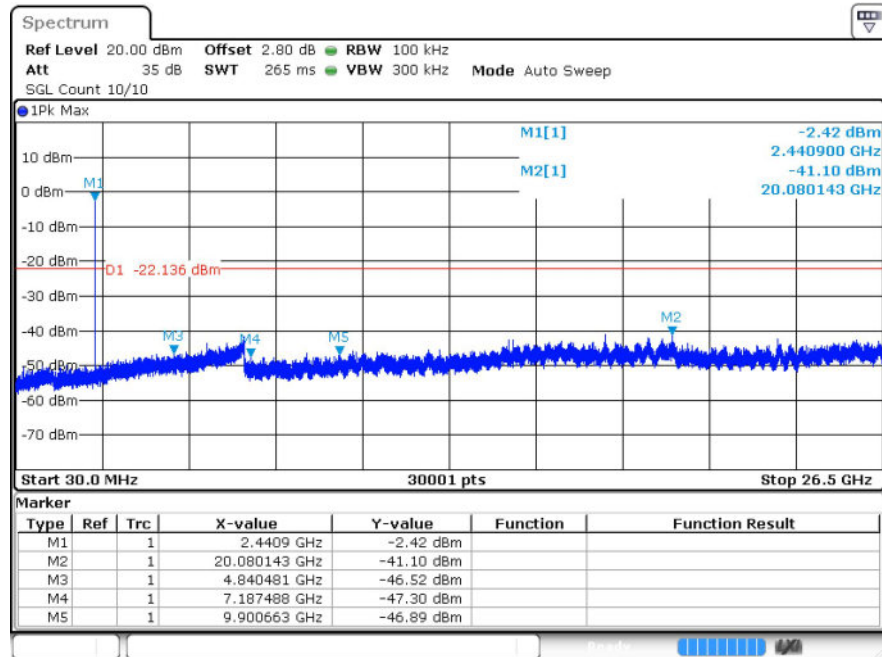


$\pi/4$ DQPSK_MCH_Graphs

Pref

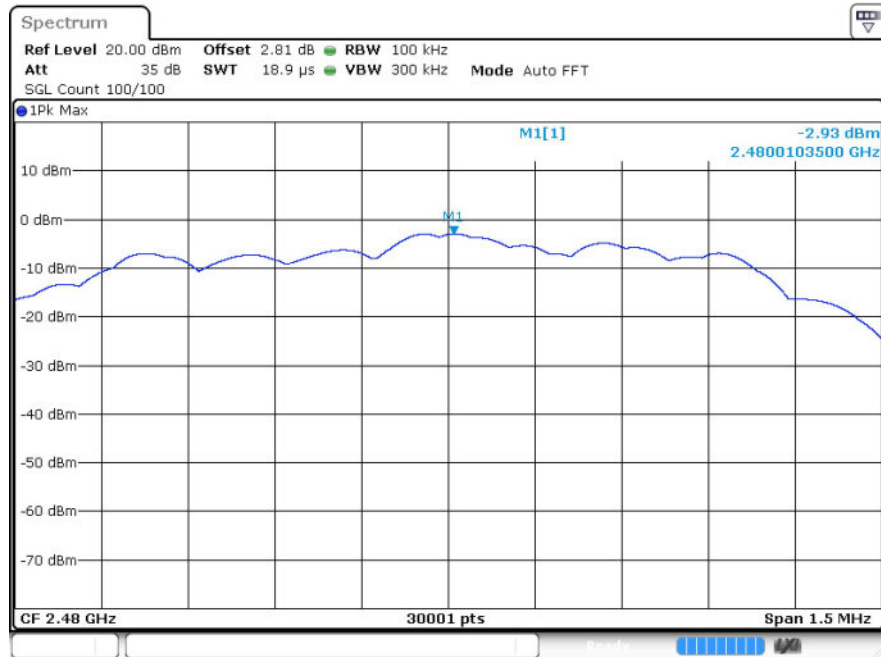


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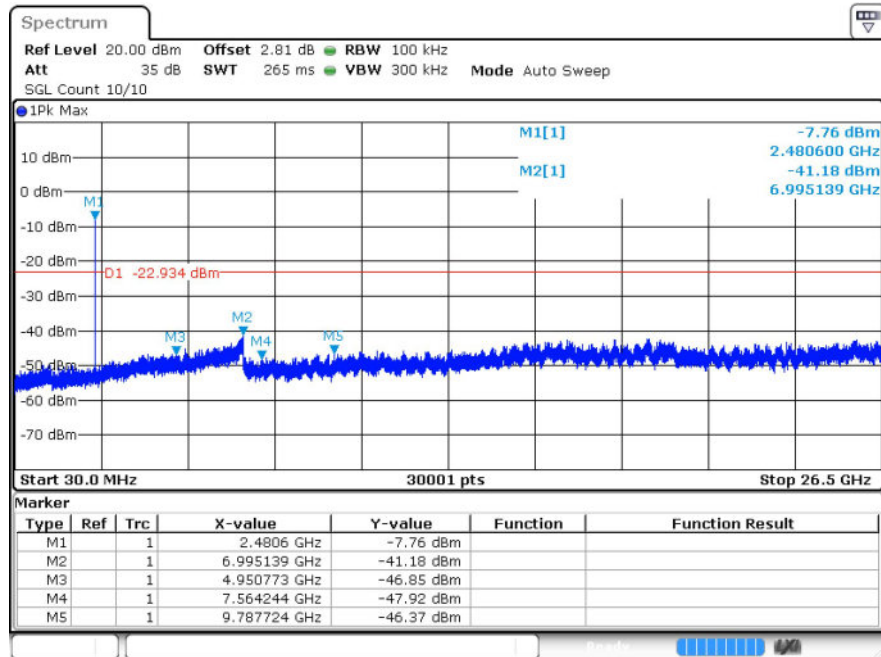


$\pi/4$ DQPSK_HCH_Graphs

Pref

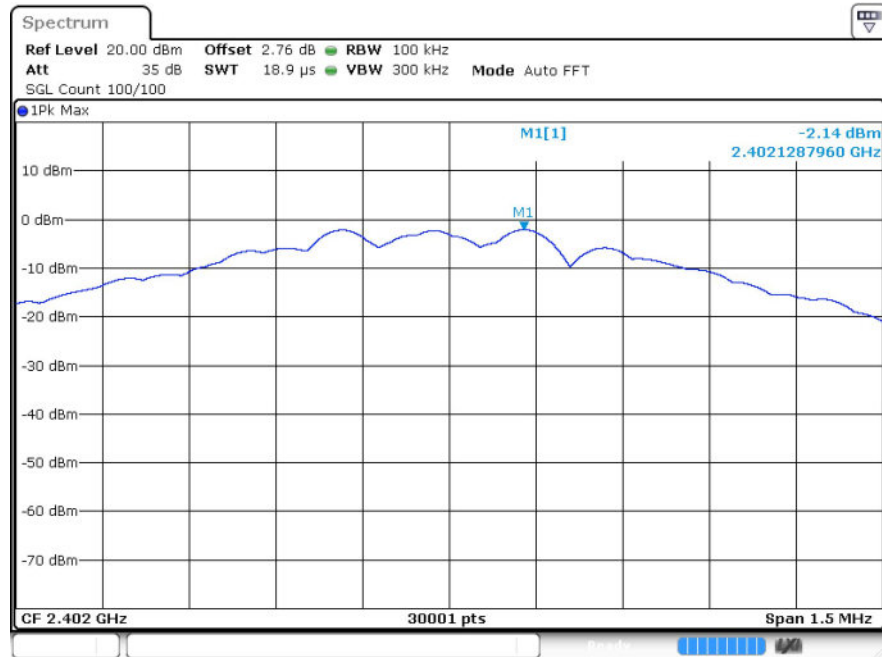


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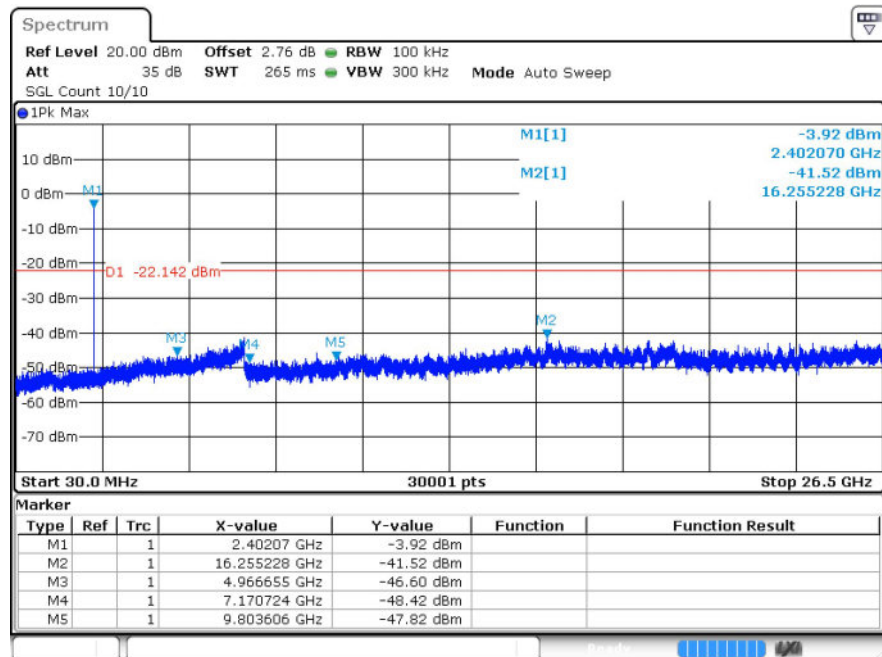


8DPSK_LCH_Graphs

Pref

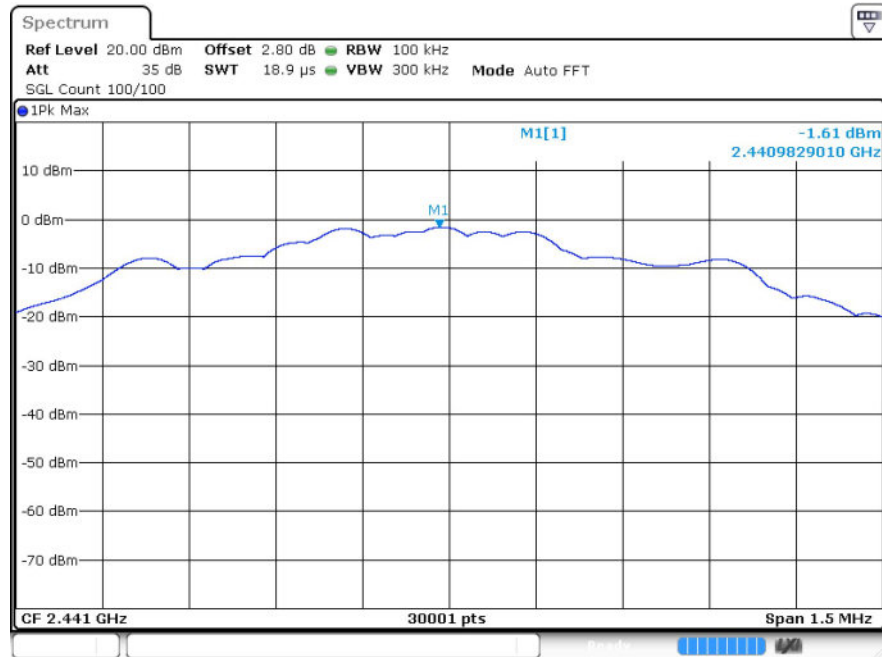


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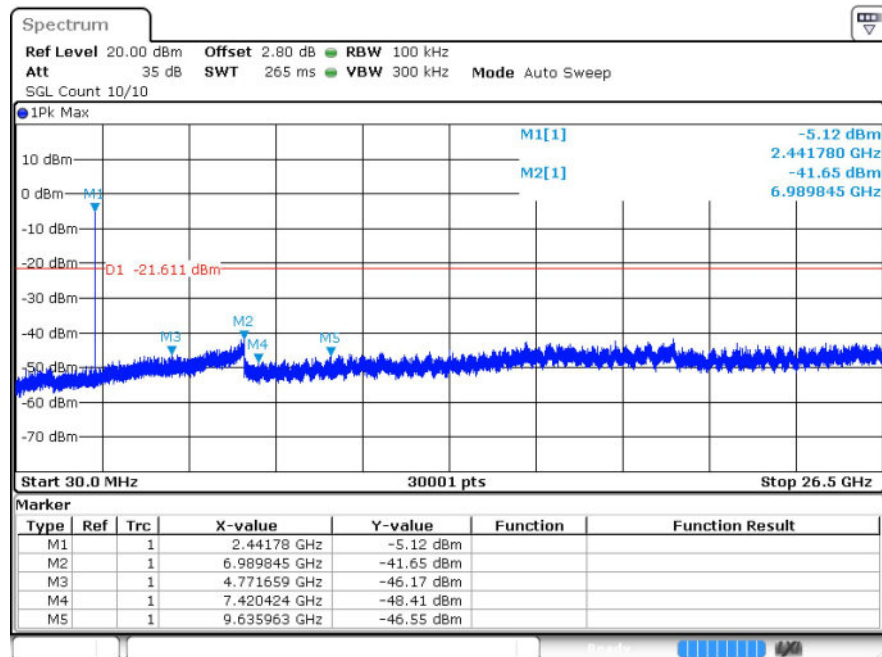


8DPSK_MCH_Graphs

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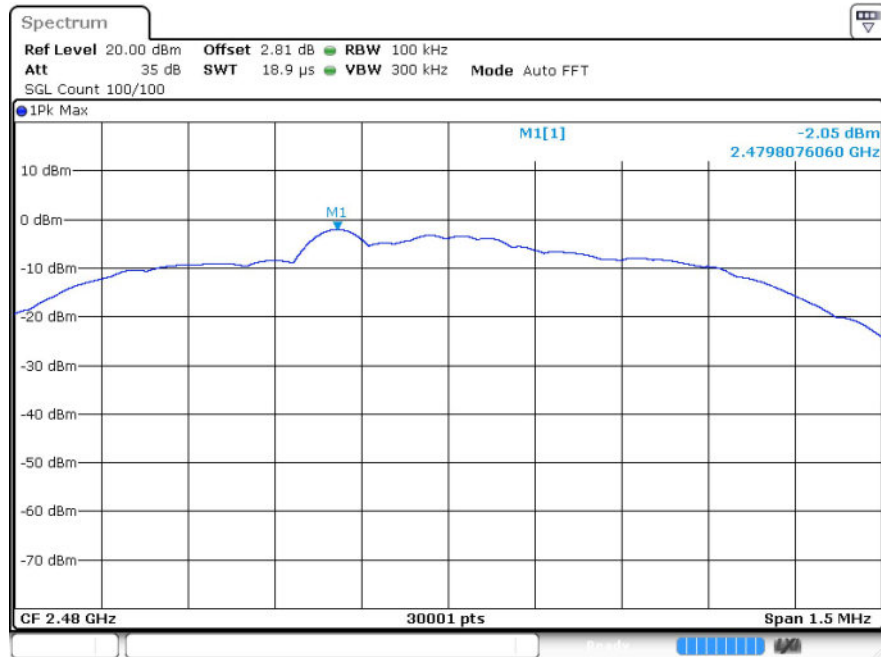


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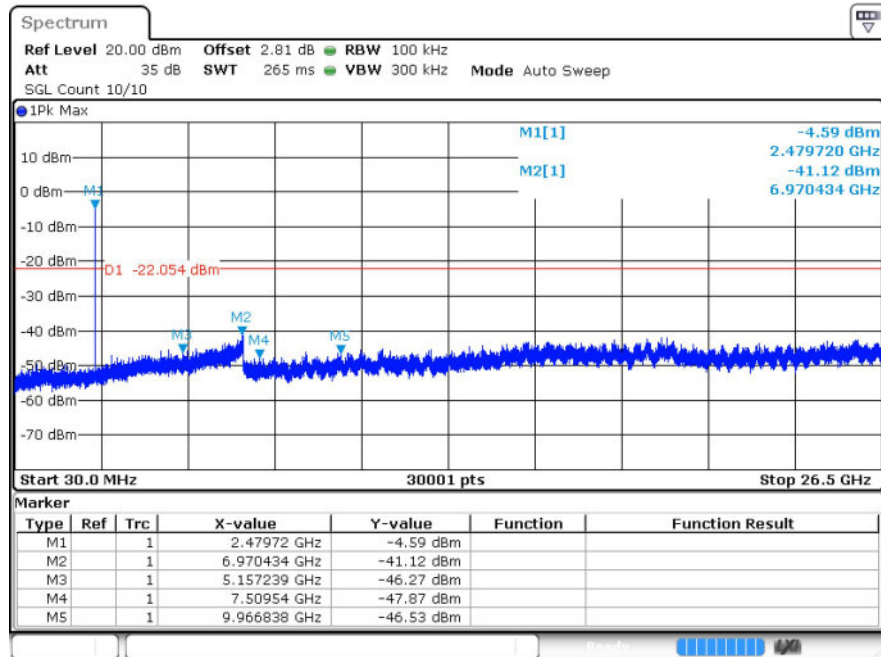


8DPSK_HCH_Graphs

Pref



Puw

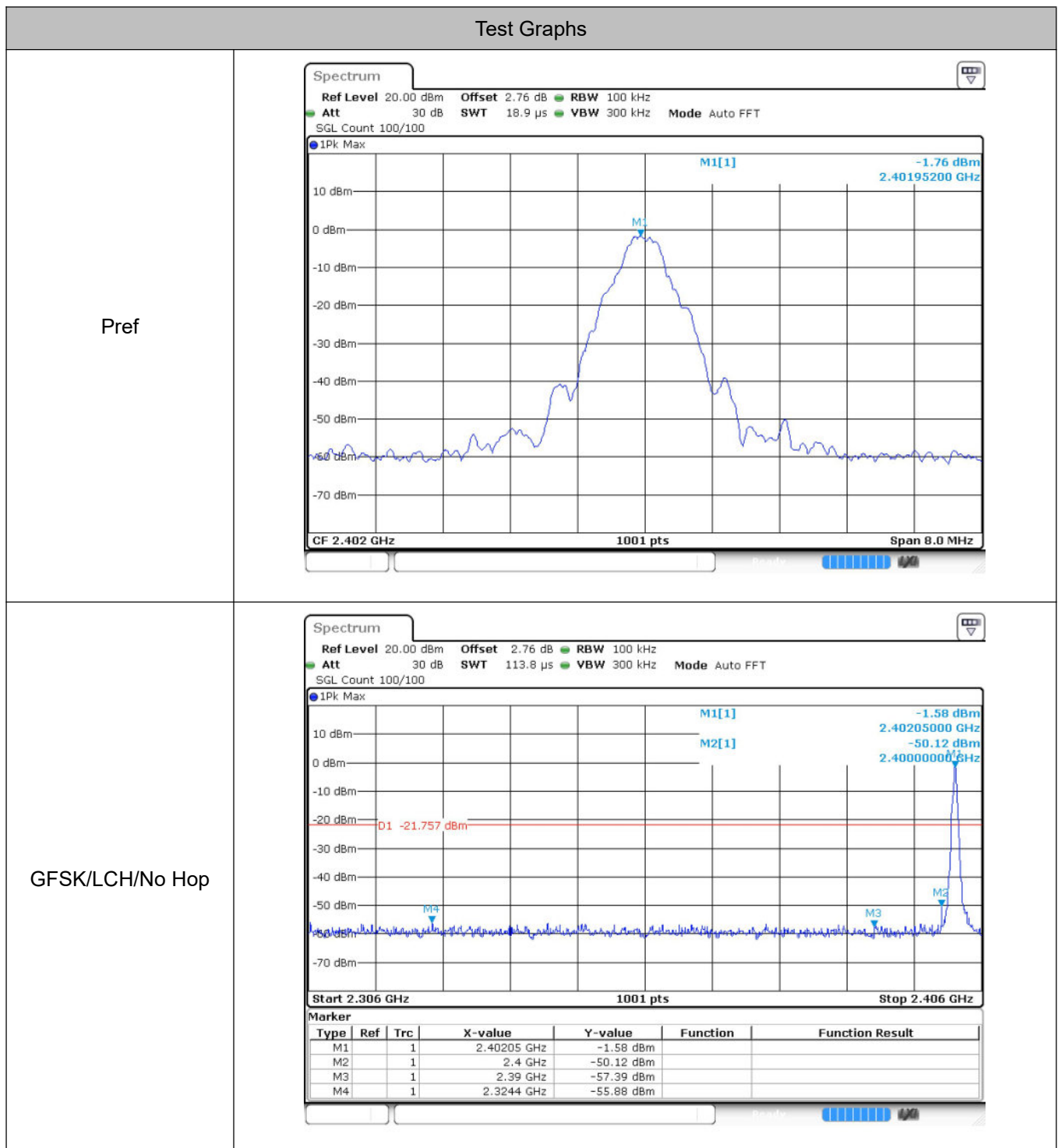


8 Band-edge for RF Conducted Emissions

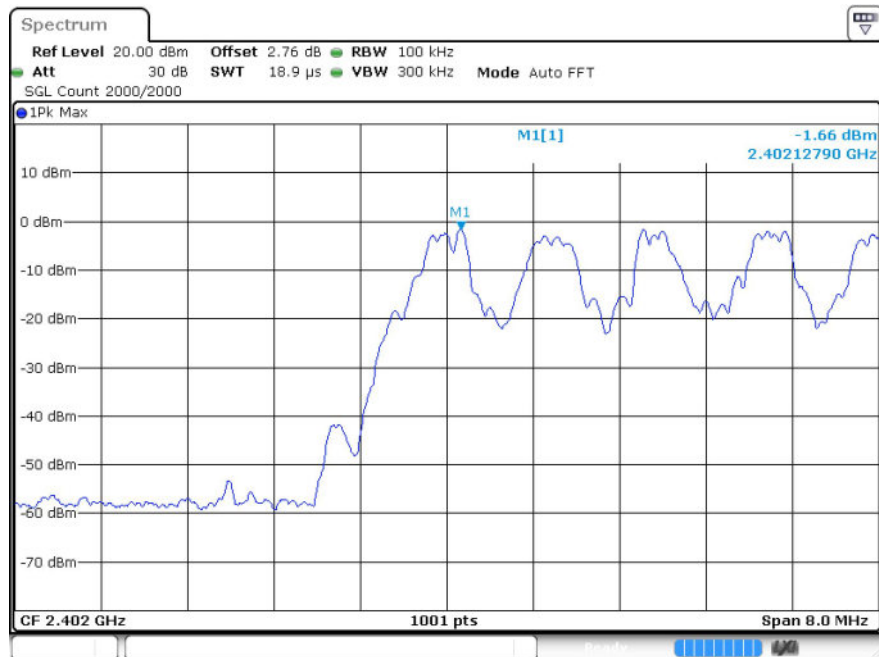
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-54.11	-20	Pass
			On	-53.5	-20	Pass
	HCH	2480	Off	-54.64	-20	Pass
			On	-48.63	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-53.65	-20	Pass
			On	-51.71	-20	Pass
	HCH	2480	Off	-48.14	-20	Pass
			On	-48.01	-20	Pass
8DPSK	LCH	2402	Off	-53.9	-20	Pass
			On	-52.22	-20	Pass
	HCH	2480	Off	-46.81	-20	Pass
			On	-48.09	-20	Pass

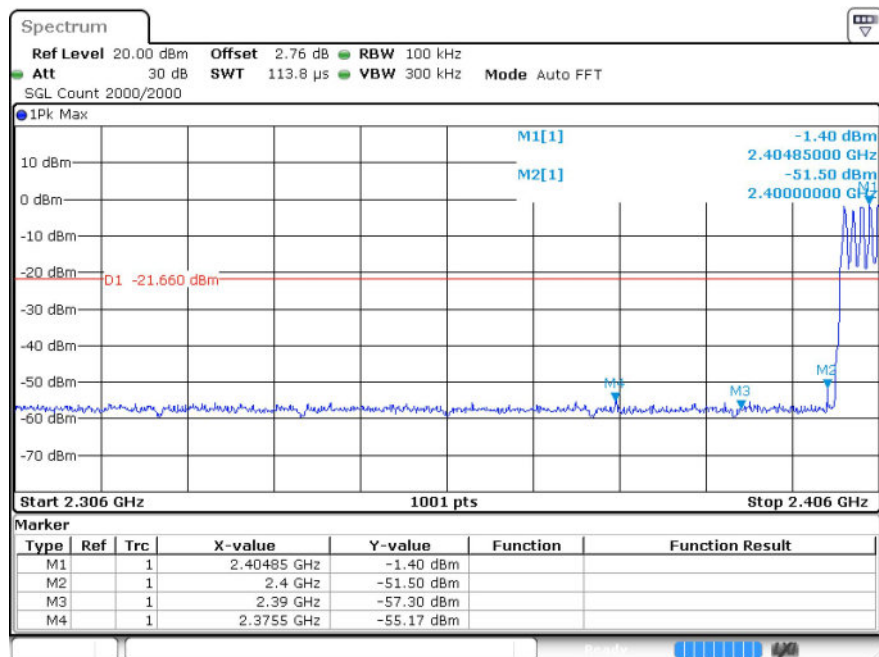
8.2 Test Graphs



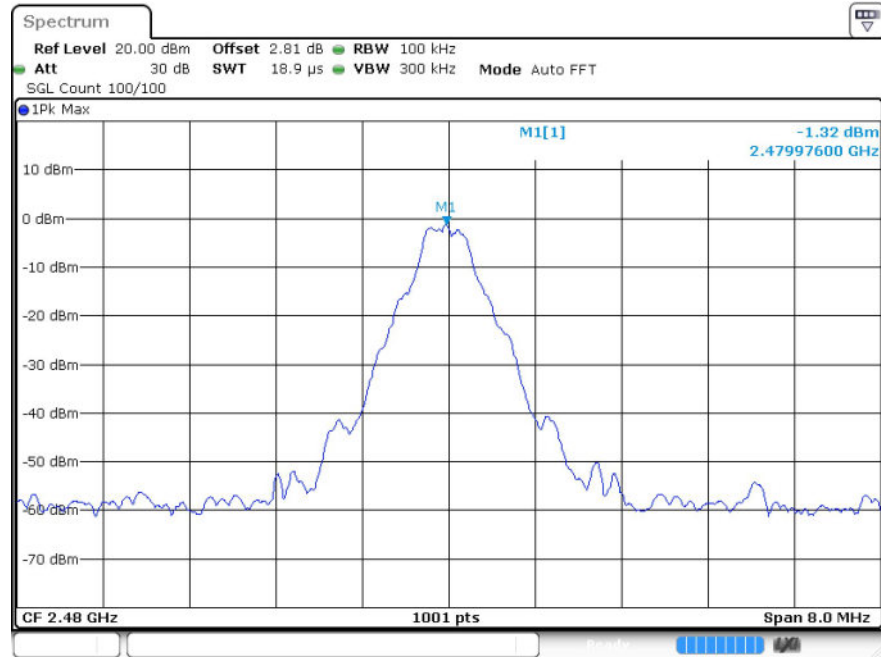
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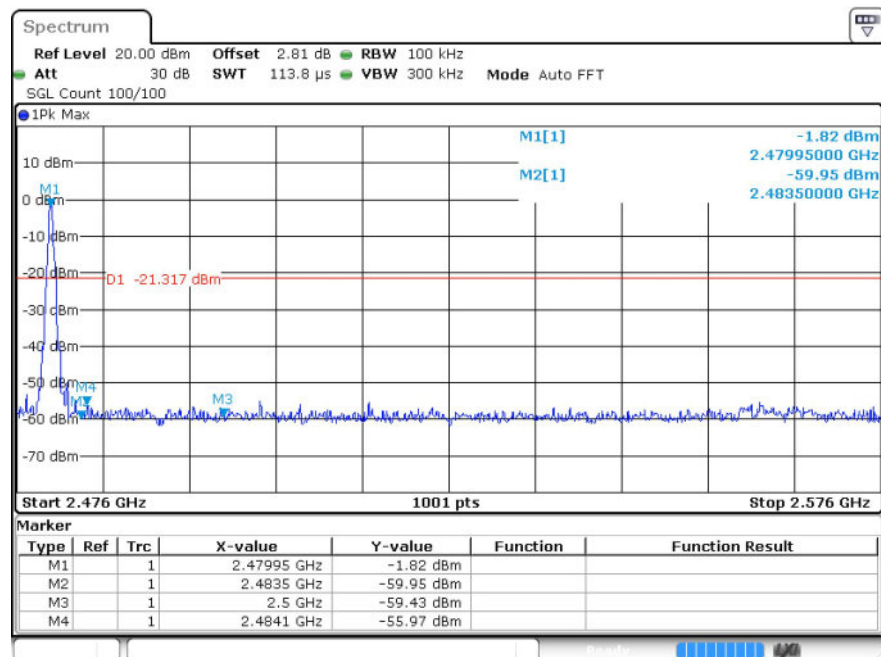
GFSK/LCH/Hop



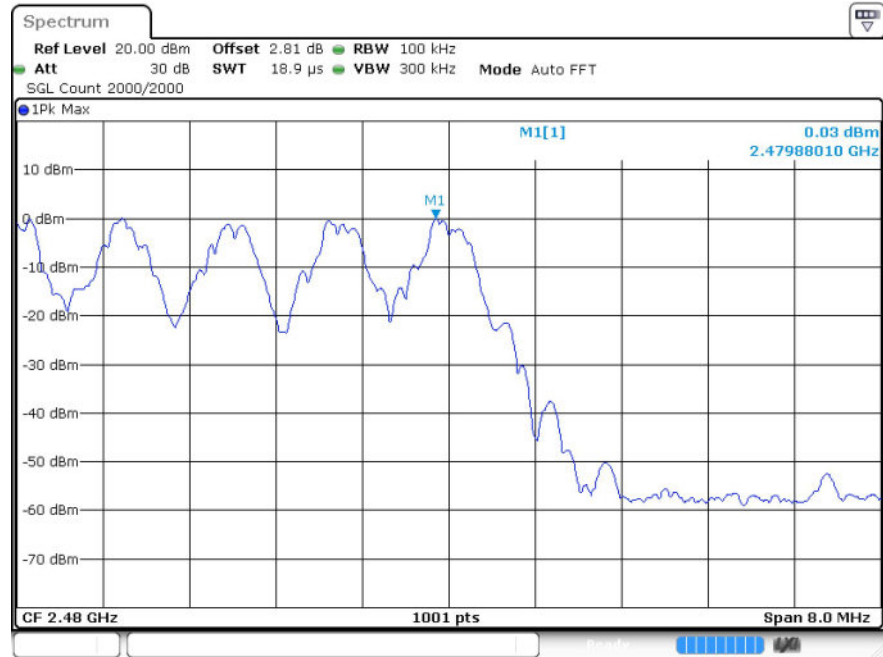
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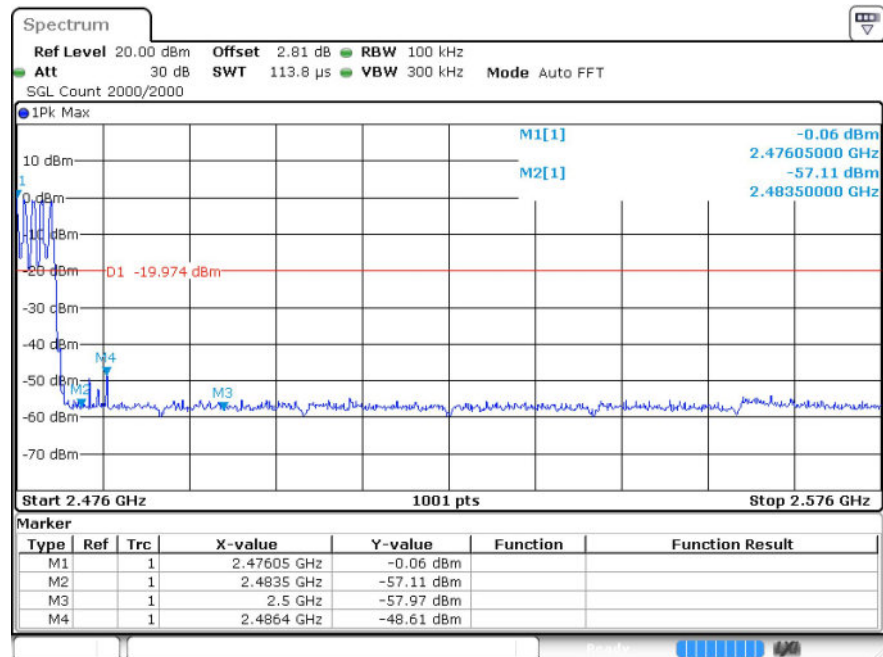
GFSK/HCH/No Hop



Ref.

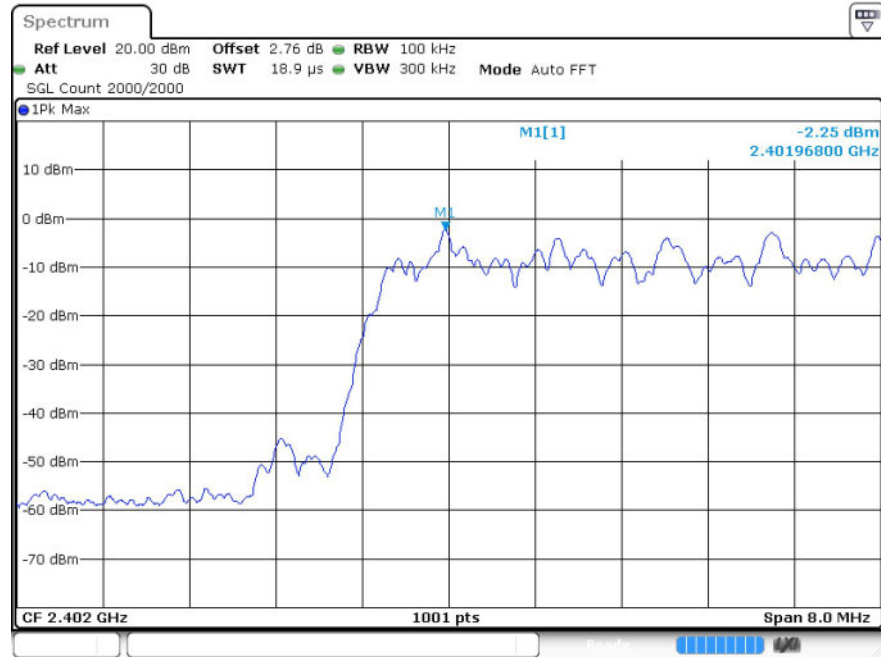
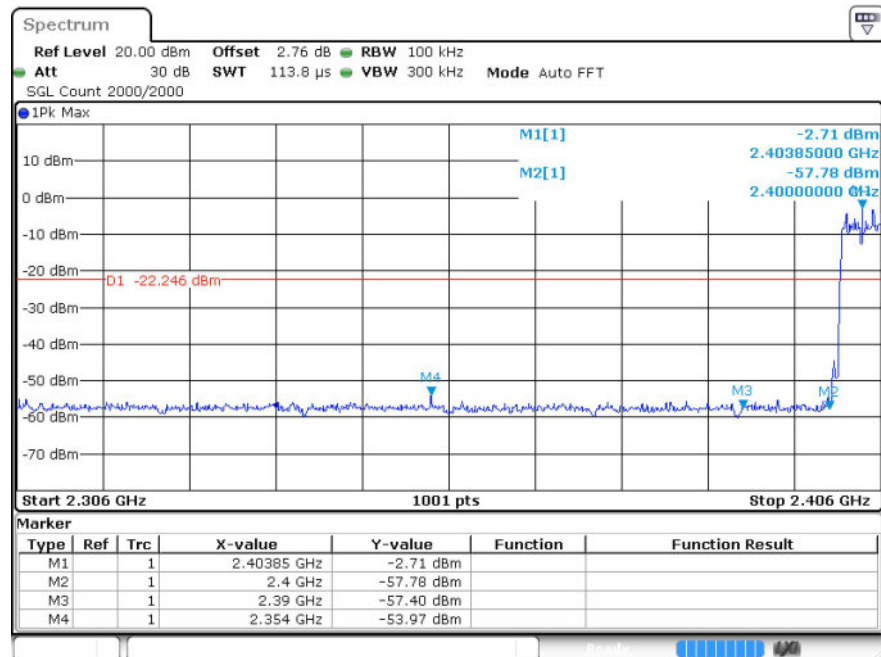


GFSK/HCH/Hop

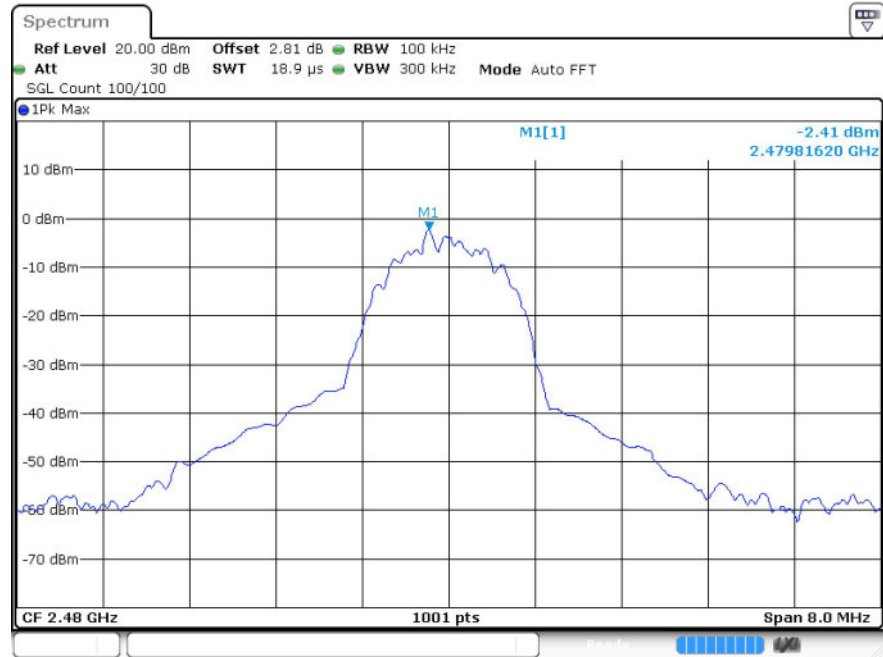
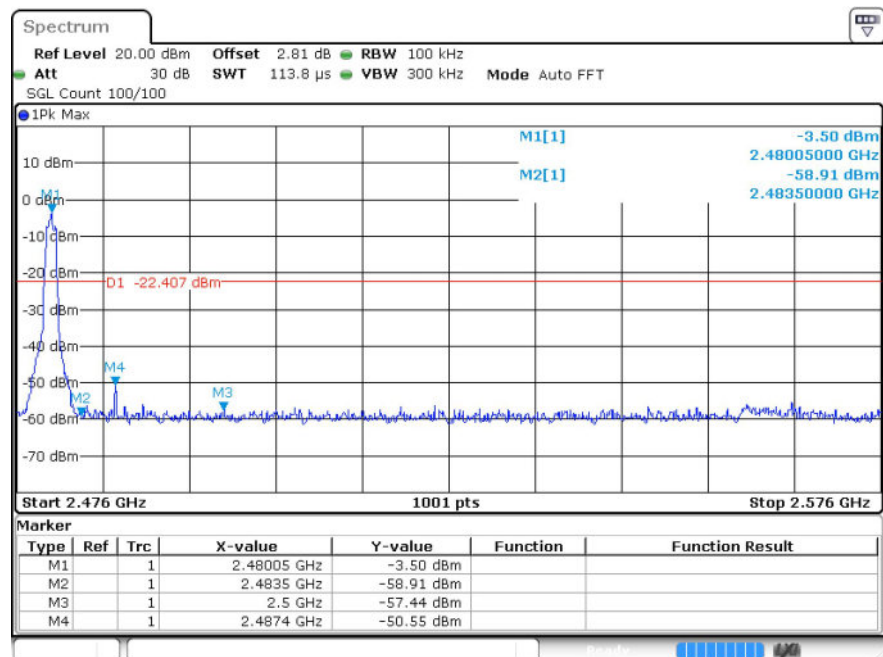




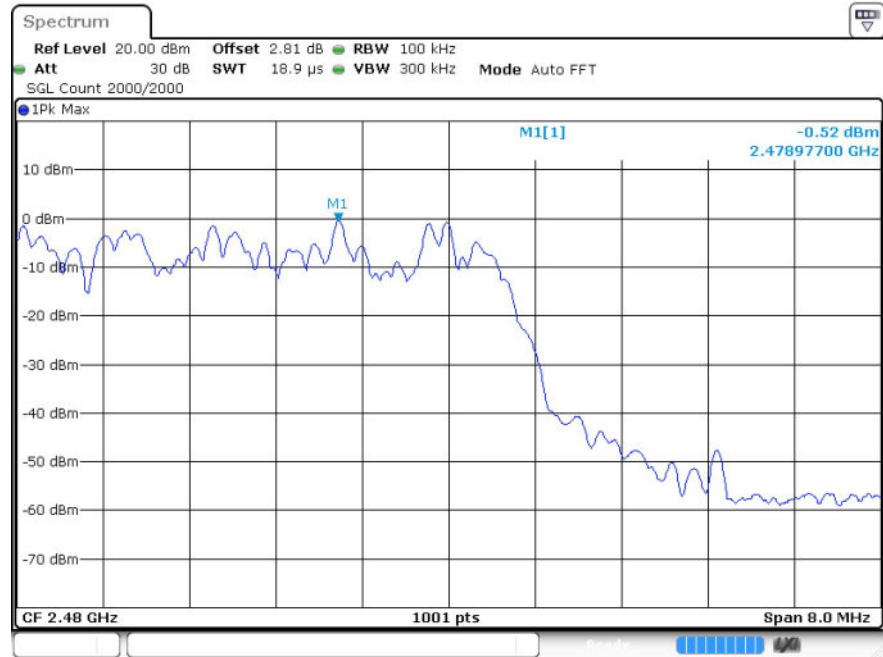
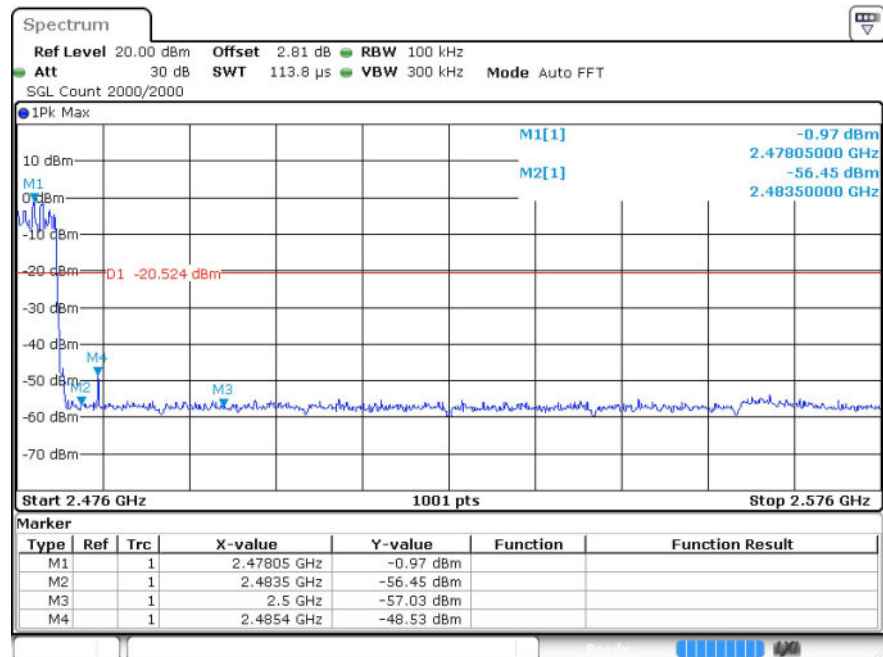
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 $\pi/4$ DQPSK/LCH/Hop


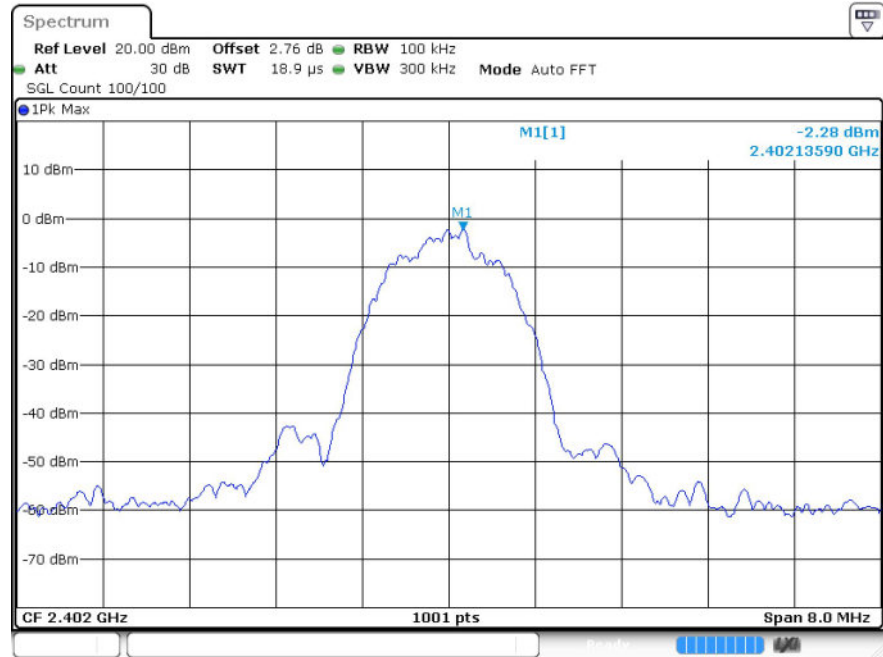
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 $\pi/4$ DQPSK/HCH/No
Hop


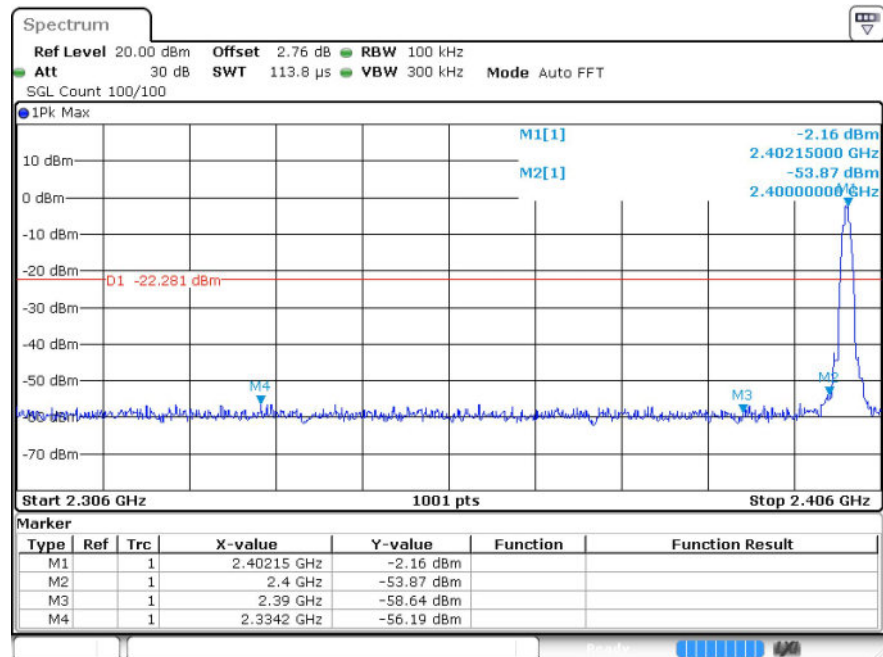
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 $\pi/4$ DQPSK/HCH/Hop


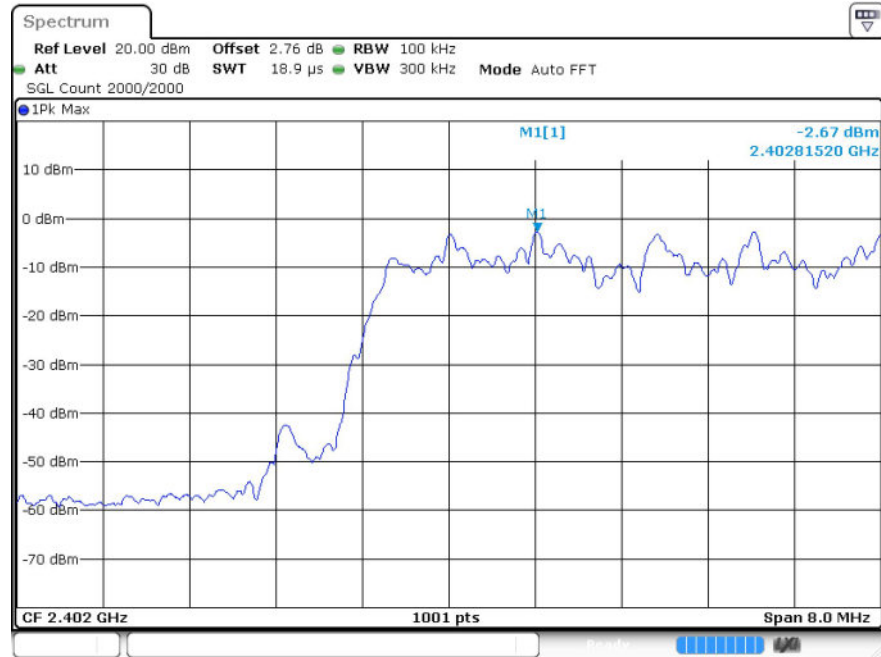
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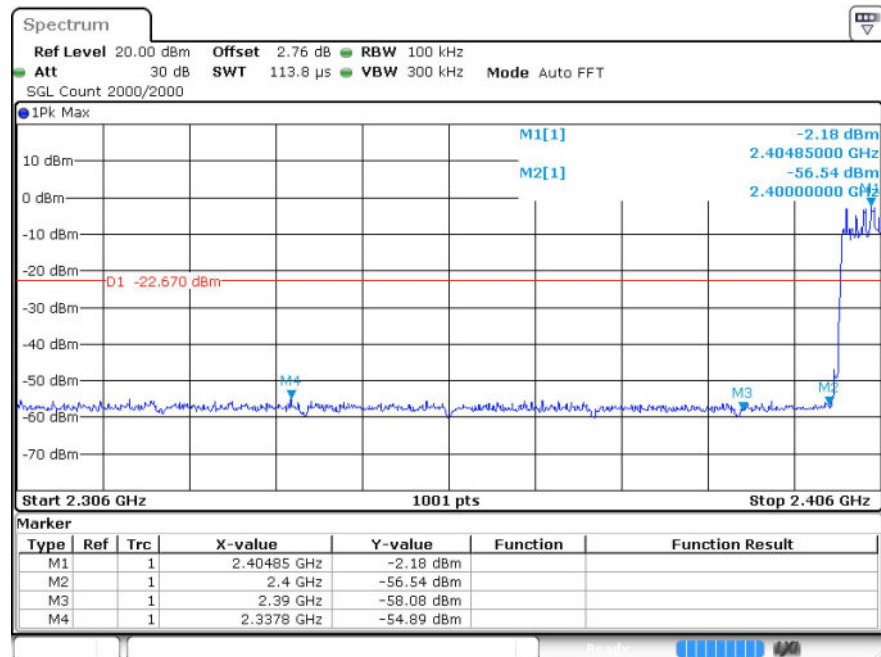
8DPSK/LCH/No Hop



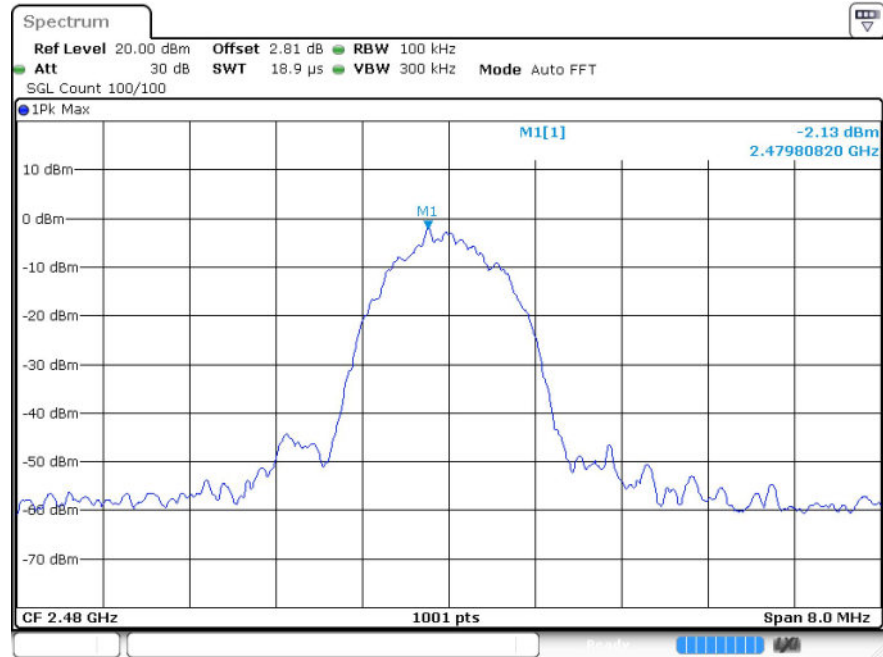
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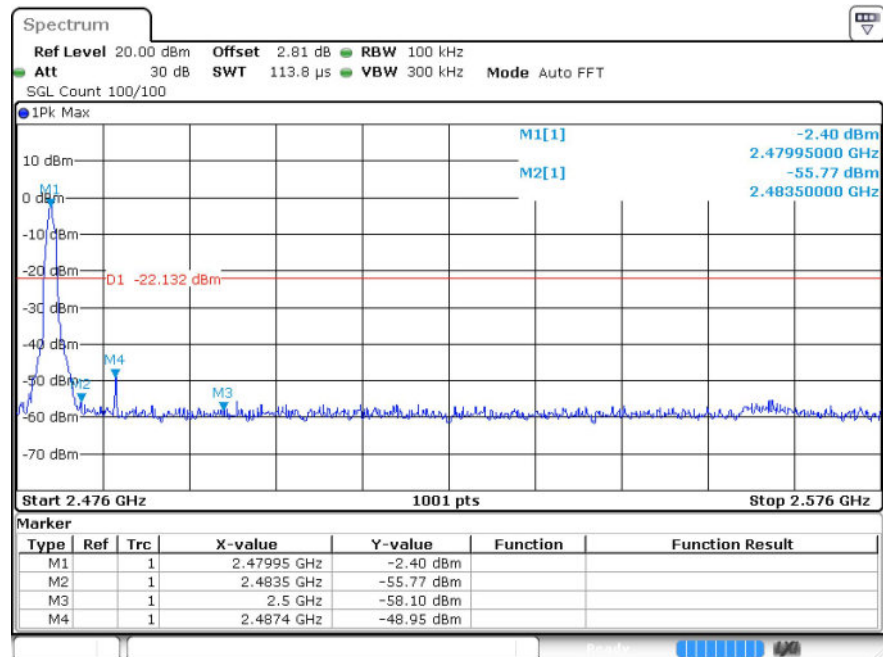
8DPSK/LCH/Hop



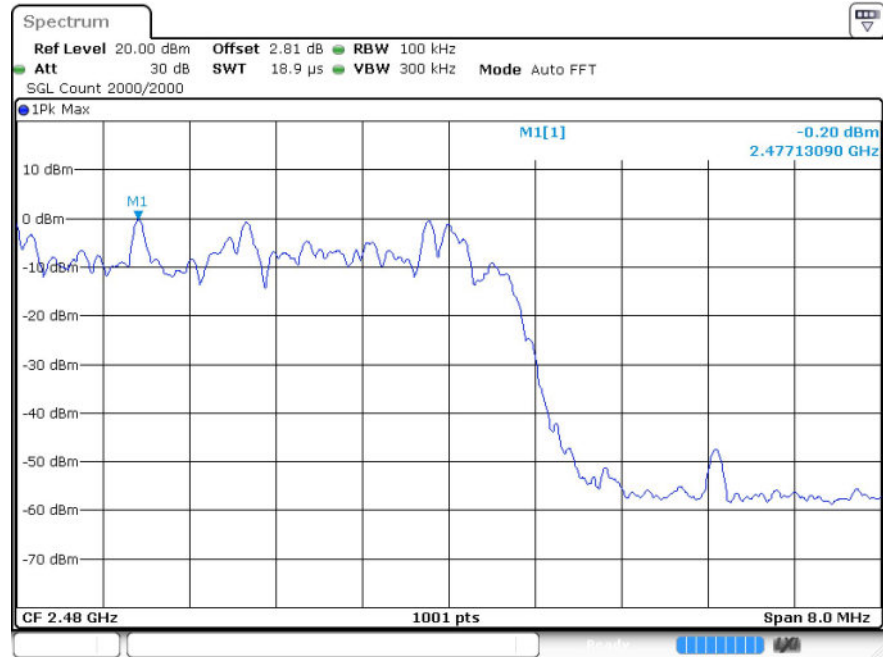
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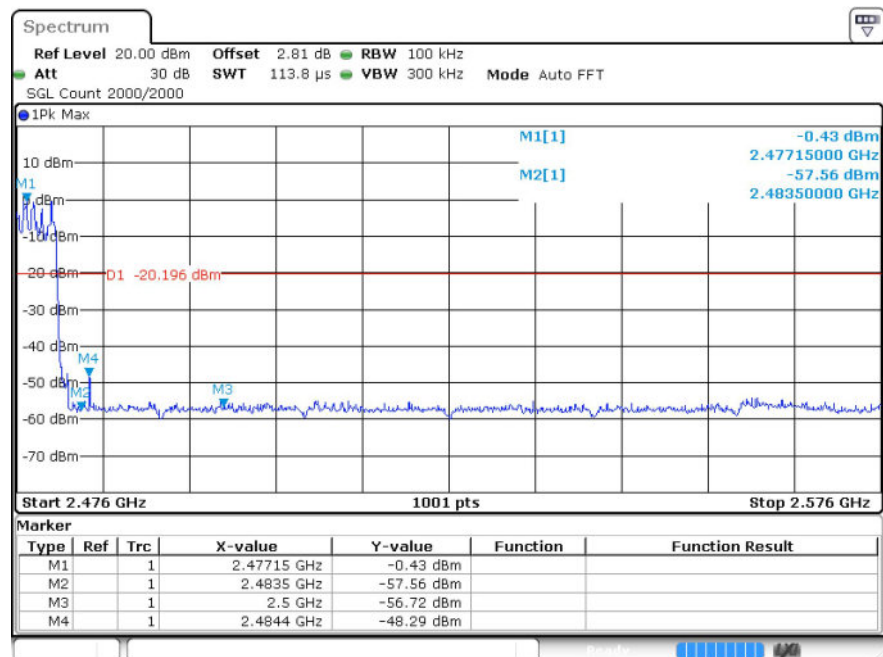
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

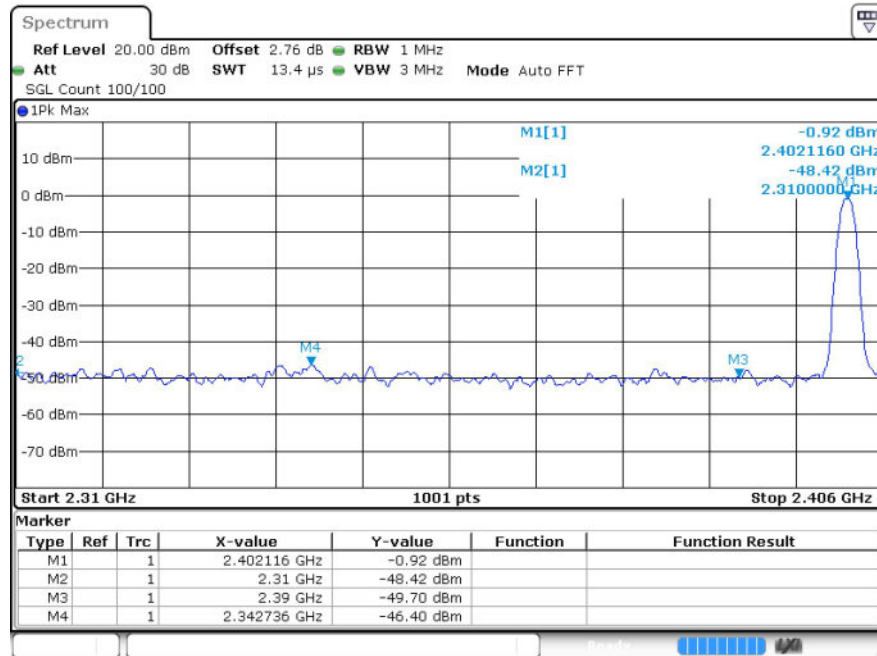
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-48.42	2	-	48.84	PEAK	74	Pass
	Off	2310.0	-57.48	2	5.06	44.84	AV	54	Pass
	Off	2342.736	-46.39	2	-	50.87	PEAK	74	Pass
	Off	2342.256	-53.94	2	5.06	48.38	AV	54	Pass
	Off	2390.0	-49.7	2	-	47.56	PEAK	74	Pass
	Off	2390.0	-57.48	2	5.06	44.84	AV	54	Pass
	Off	2483.5	-48.7	2	-	48.56	PEAK	74	Pass
	Off	2483.5	-56.55	2	5.06	45.77	AV	54	Pass
	Off	2486.248	-47.02	2	-	50.24	PEAK	74	Pass
	Off	2491.096	-55.85	2	5.06	46.47	AV	54	Pass
	Off	2500.0	-49.65	2	-	47.61	PEAK	74	Pass
	Off	2500.0	-57.11	2	5.06	45.21	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-51.04	2	-	46.22	PEAK	74	Pass
	Off	2310.0	-57.06	2	4.95	45.15	AV	54	Pass
	Off	2338.128	-45.14	2	-	52.12	PEAK	74	Pass
	Off	2343.024	-53.95	2	4.95	48.26	AV	54	Pass
	Off	2390.0	-50.4	2	-	46.86	PEAK	74	Pass
	Off	2390.0	-56.55	2	4.95	45.66	AV	54	Pass
	Off	2483.5	-49.63	2	-	47.63	PEAK	74	Pass
	Off	2483.5	-56.66	2	4.95	45.55	AV	54	Pass
	Off	2497.48	-46.98	2	-	50.28	PEAK	74	Pass
	Off	2489.224	-55.63	2	4.95	46.58	AV	54	Pass
	Off	2500.0	-50.48	2	-	46.78	PEAK	74	Pass
	Off	2500.0	-56.58	2	4.95	45.63	AV	54	Pass
8DPSK	Off	2310.0	-49.31	2	-	47.95	PEAK	74	Pass
	Off	2310.0	-56.29	2	4.95	45.92	AV	54	Pass
	Off	2342.736	-46.28	2	-	50.98	PEAK	74	Pass
	Off	2339.472	-54.42	2	4.95	47.79	AV	54	Pass



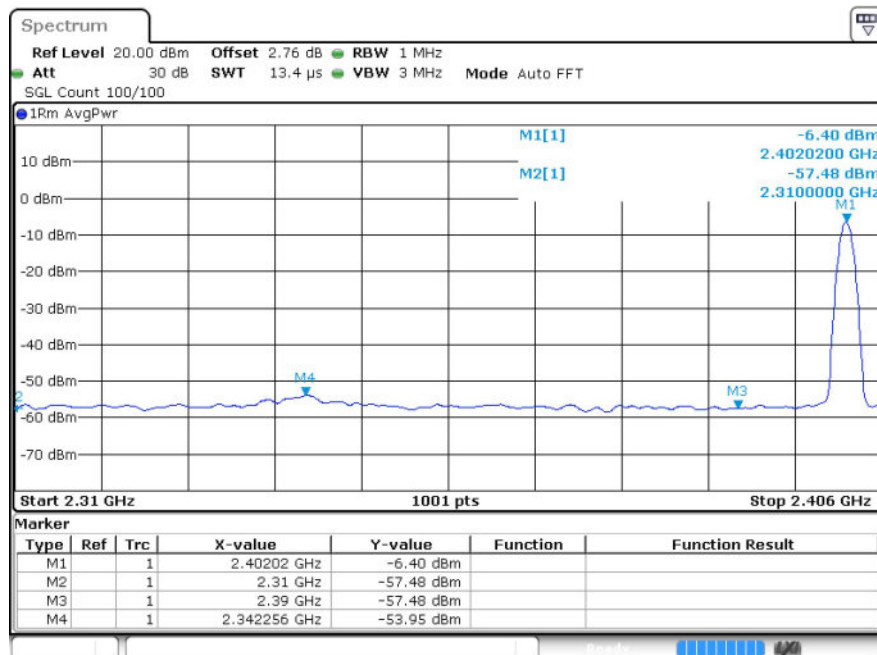
Off	2390.0	-50.79	2	-	46.47	PEAK	74	Pass
Off	2390.0	-56.55	2	4.95	45.66	AV	54	Pass
Off	2483.5	-47.69	2	-	49.57	PEAK	74	Pass
Off	2483.5	-56.85	2	4.95	45.36	AV	54	Pass
Off	2485.024	-47.3	2	-	49.96	PEAK	74	Pass
Off	2485.96	-55.61	2	4.95	46.6	AV	54	Pass
Off	2500.0	-48.4	2	-	48.86	PEAK	74	Pass
Off	2500.0	-57.16	2	4.95	45.05	AV	54	Pass

9.2 Test Graphs

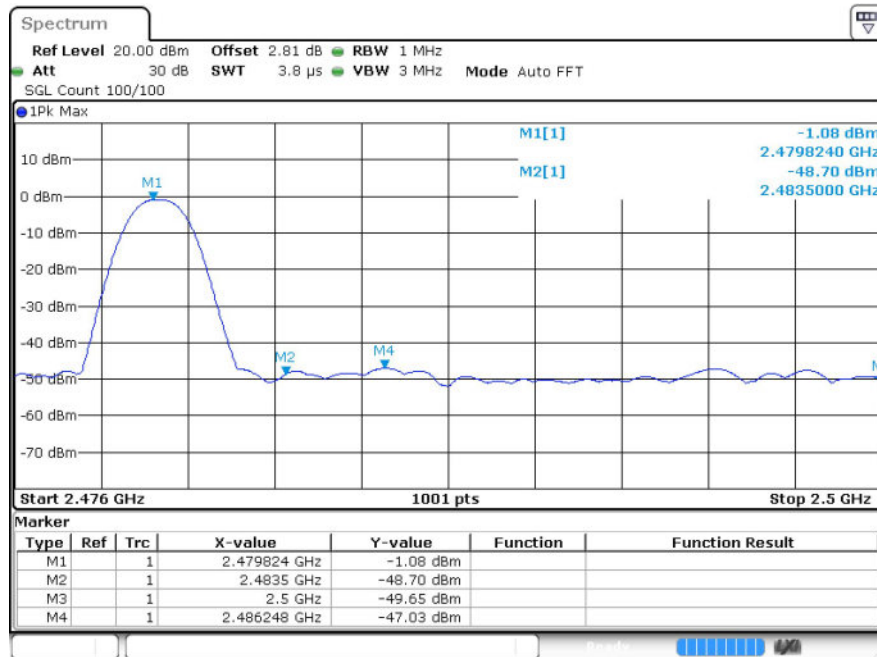
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



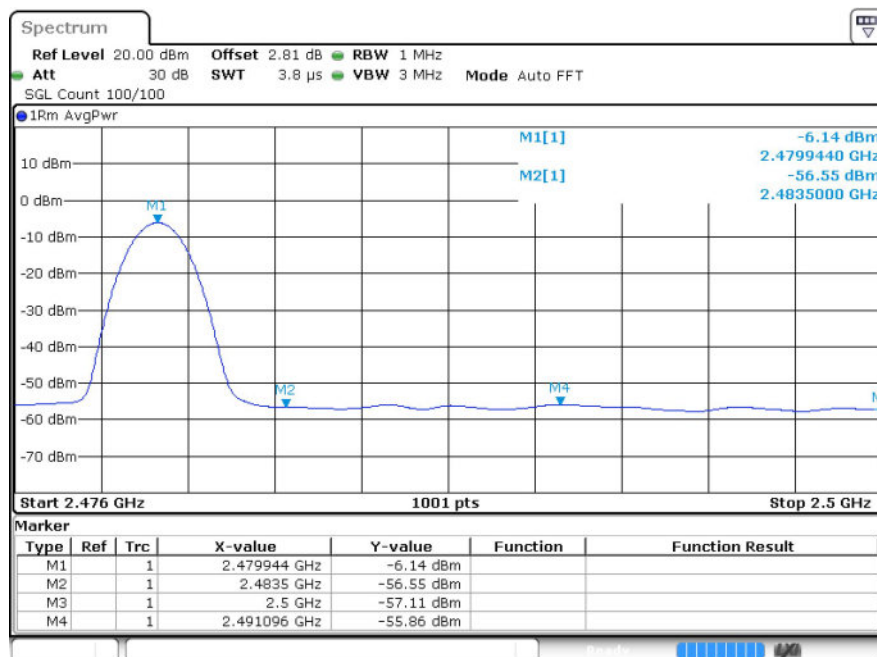
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



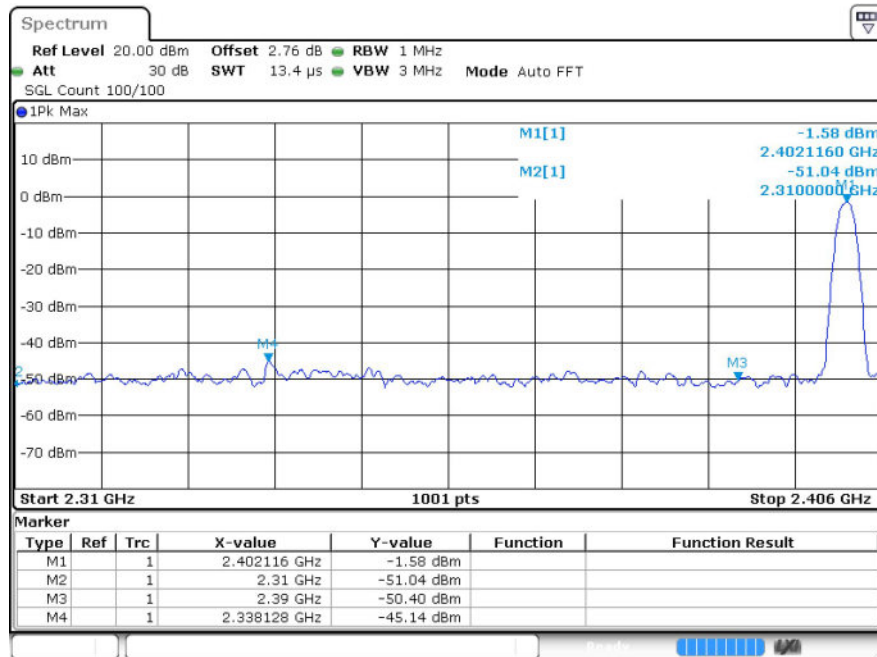
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



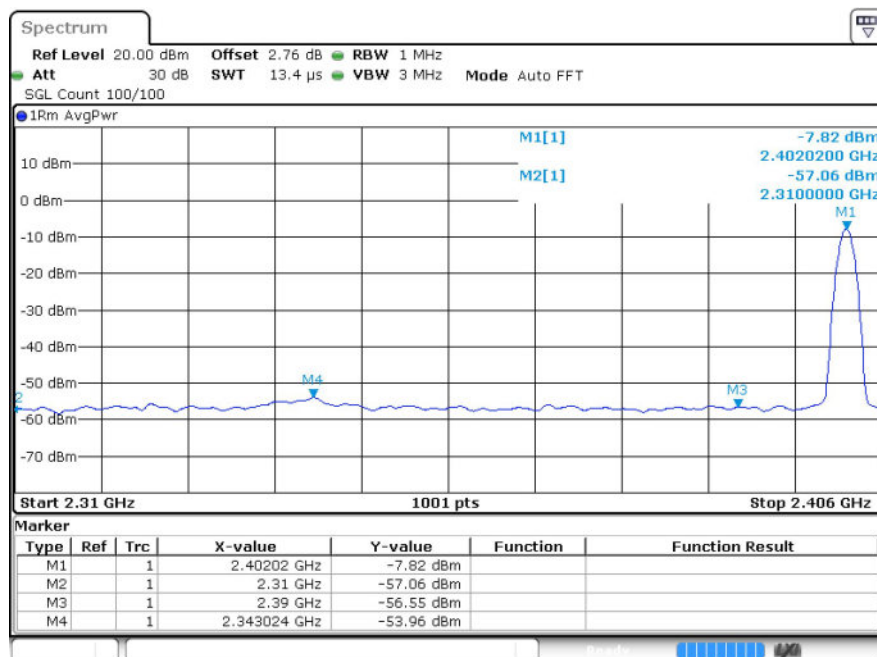
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



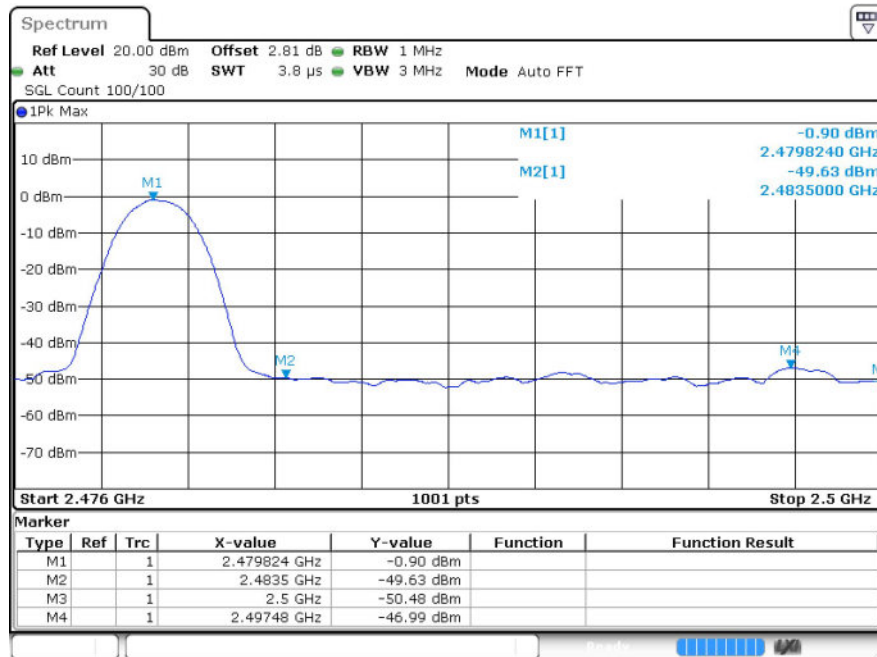
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



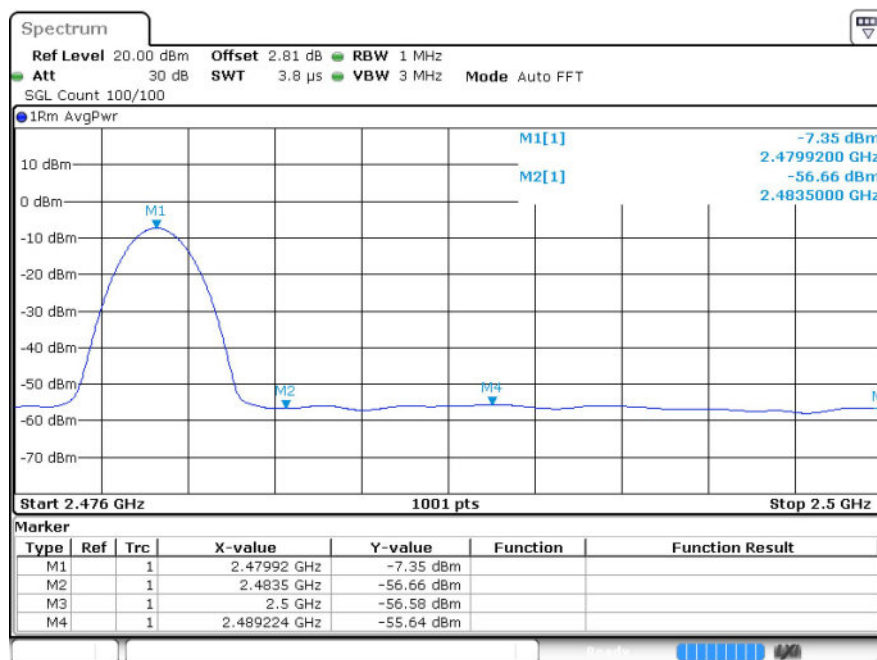
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



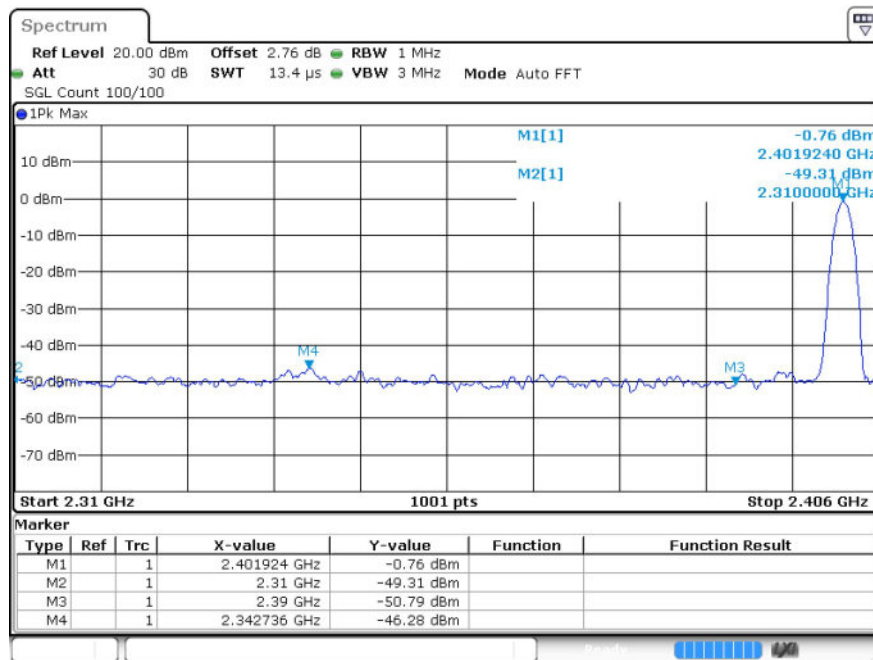
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



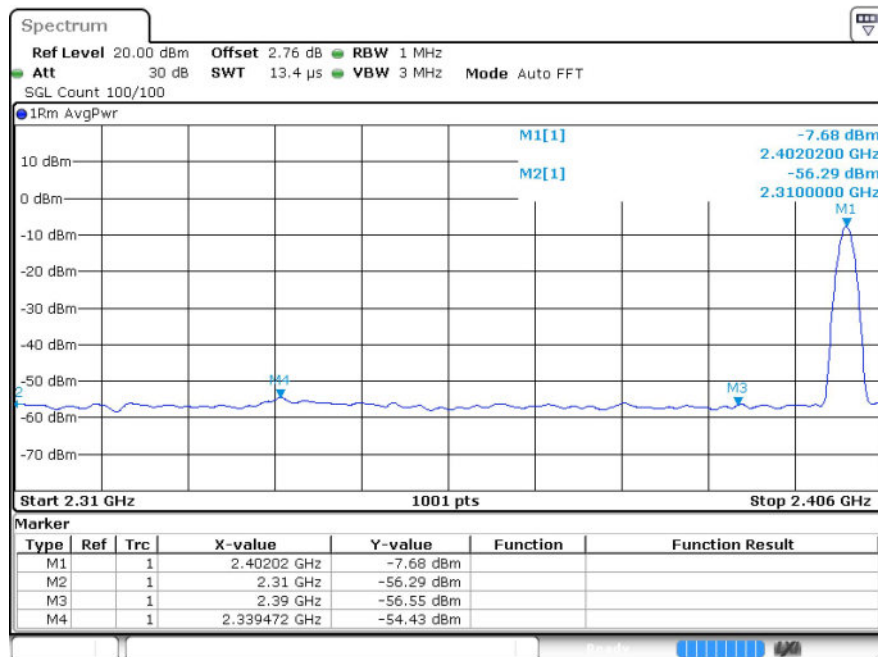
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



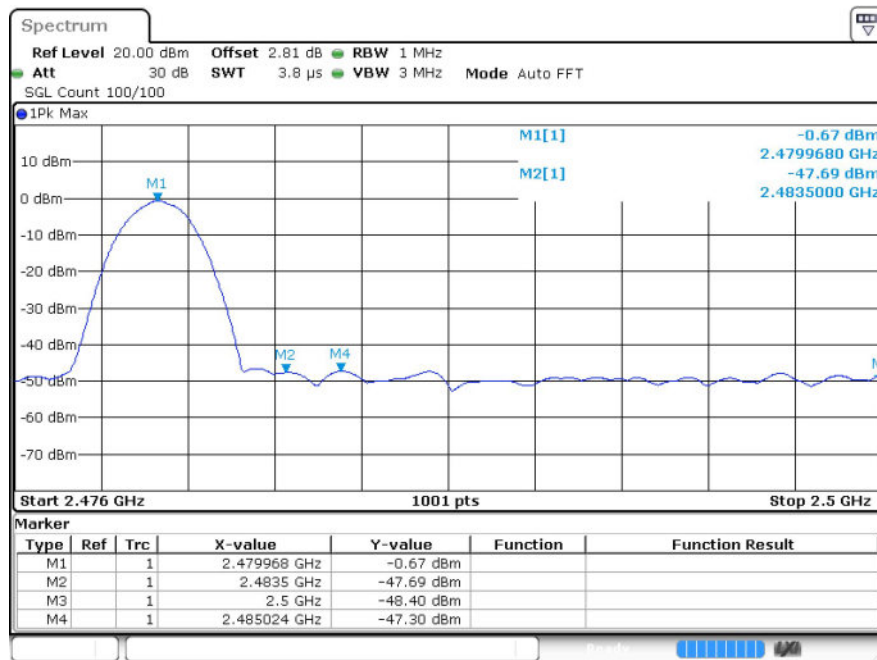
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



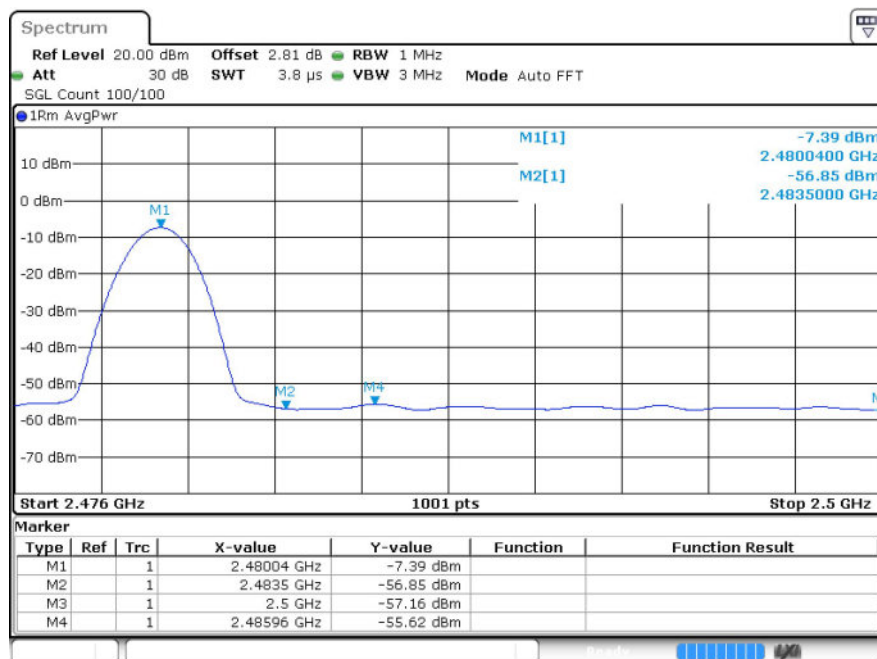
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---