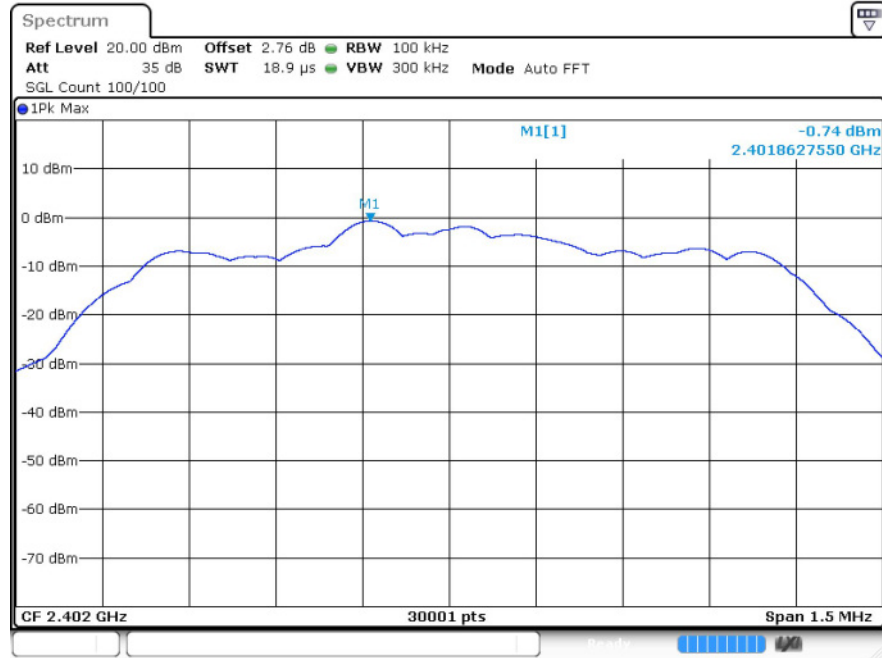
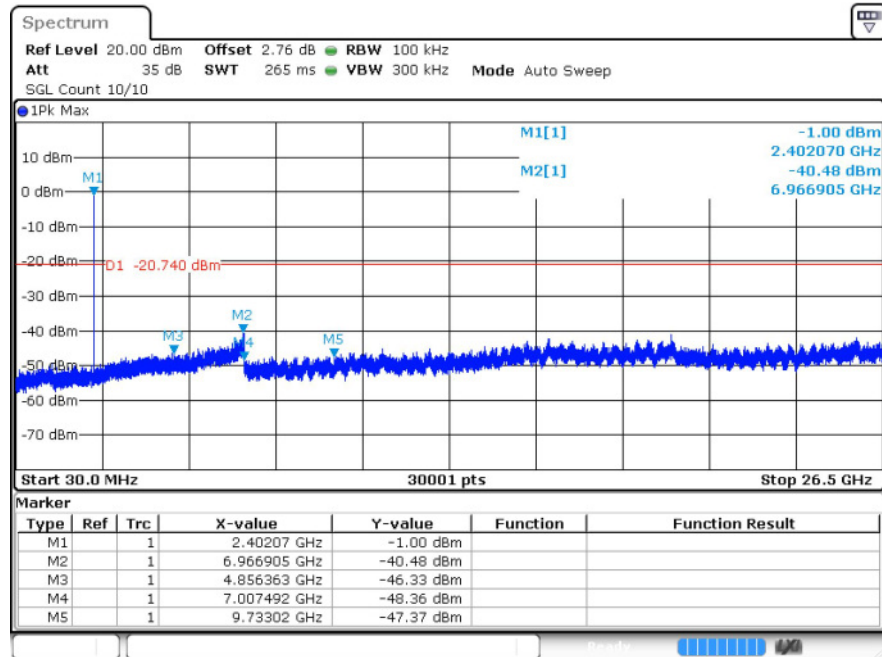


$\pi/4$ DQPSK_LCH_Graphs

Pref

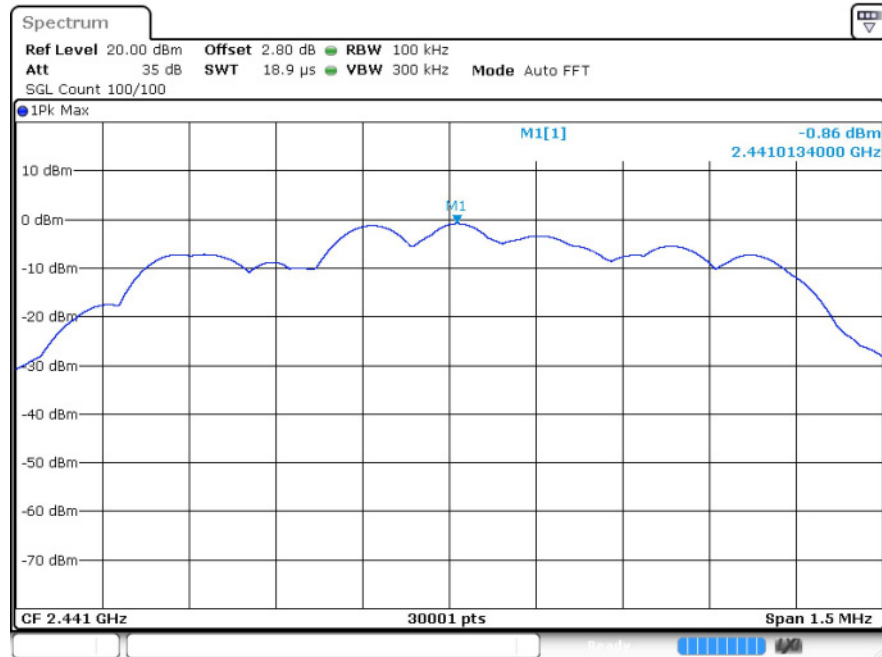


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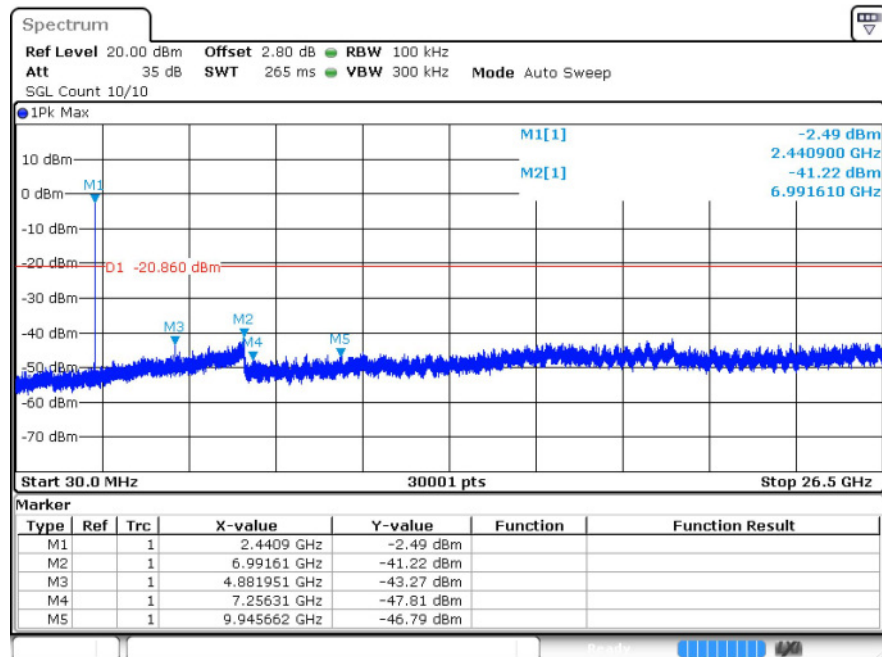


π /4DQPSK_MCH_Graphs

Pref

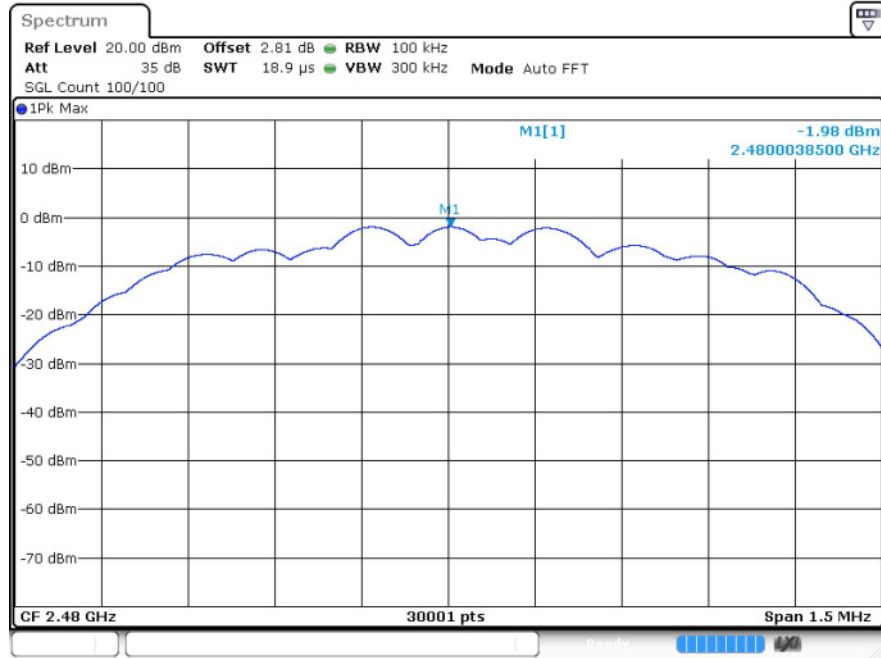


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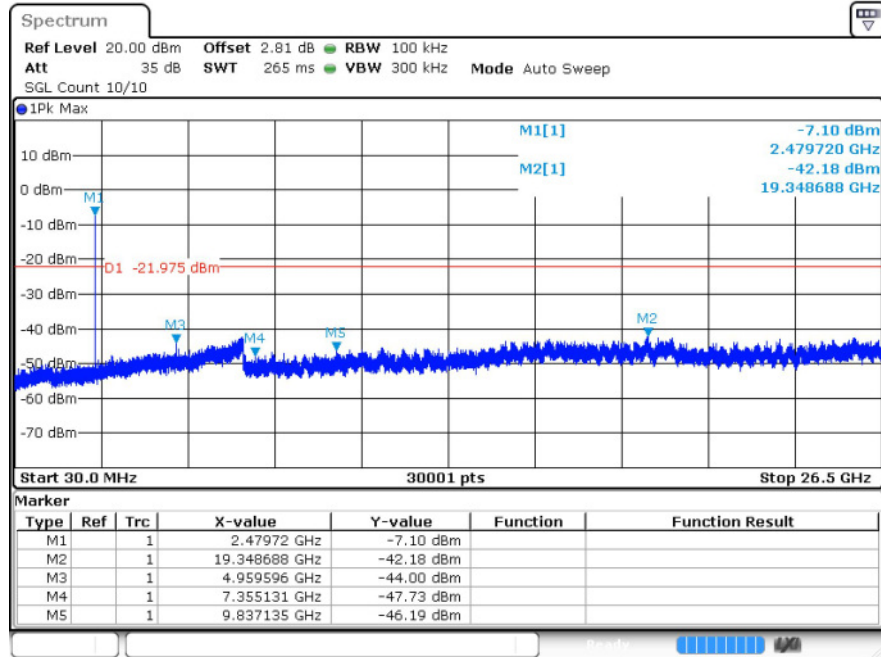


$\pi/4$ DQPSK_HCH_Graphs

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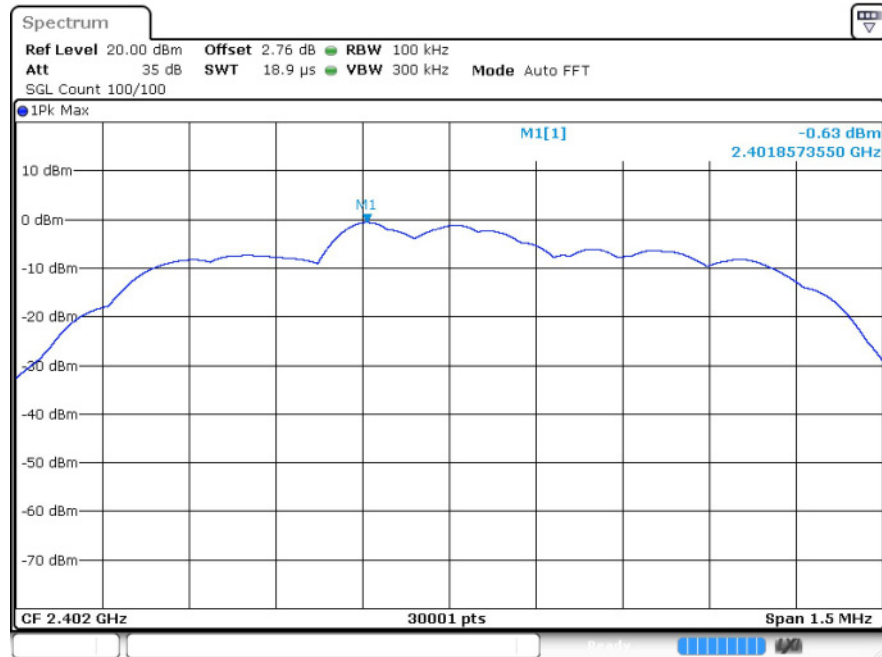


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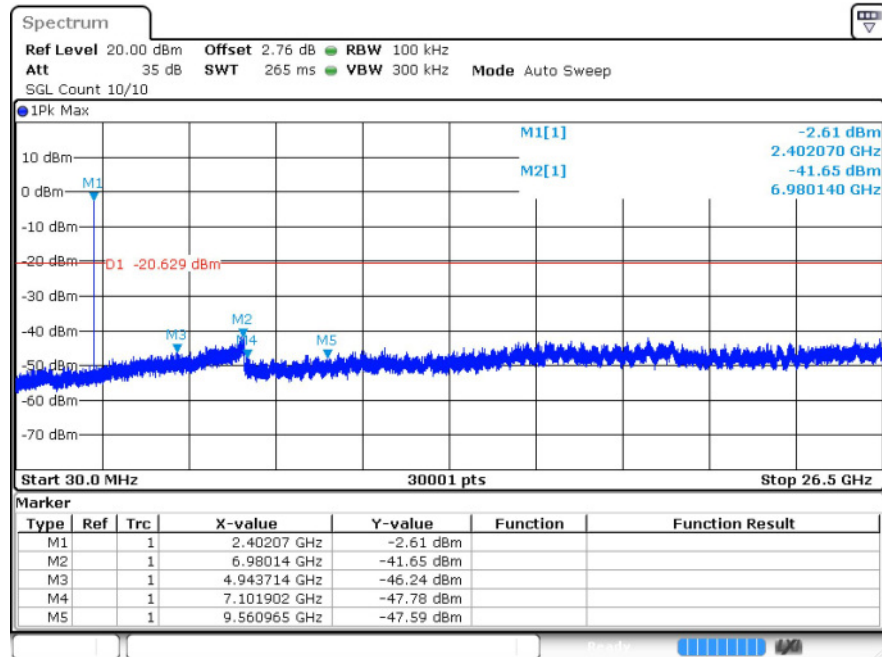


8DPSK_LCH_Graphs

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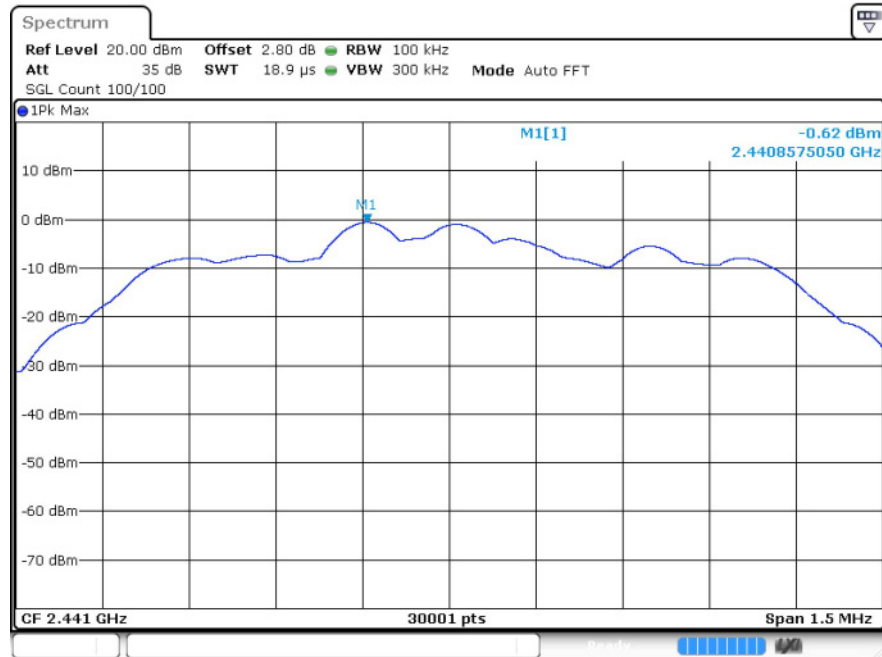


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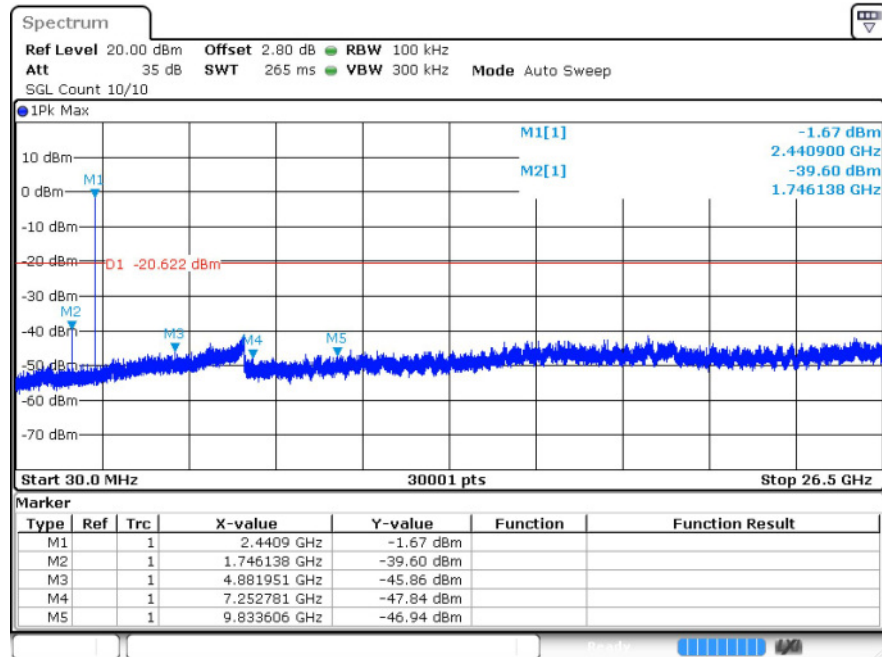


8DPSK_MCH_Graphs

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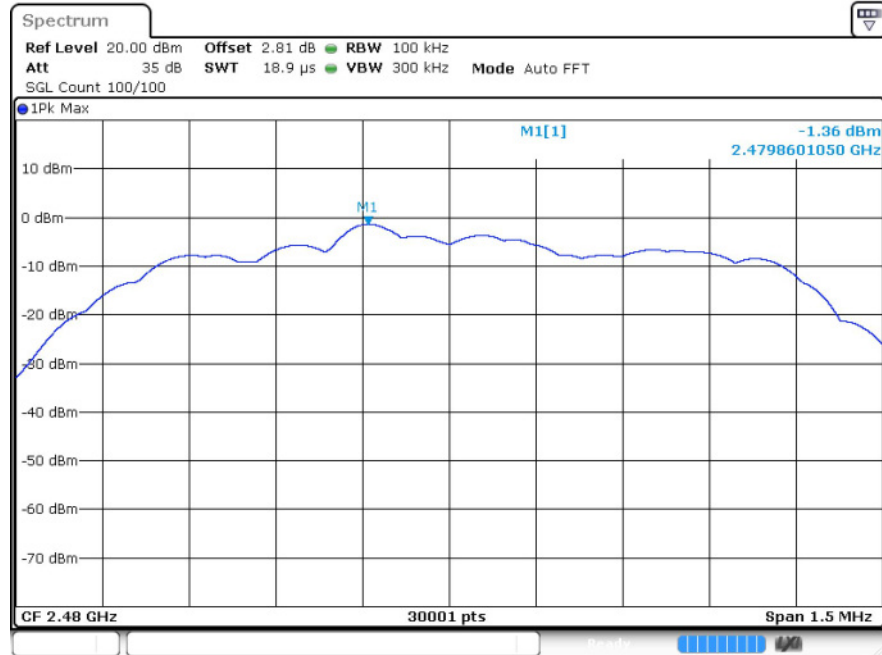


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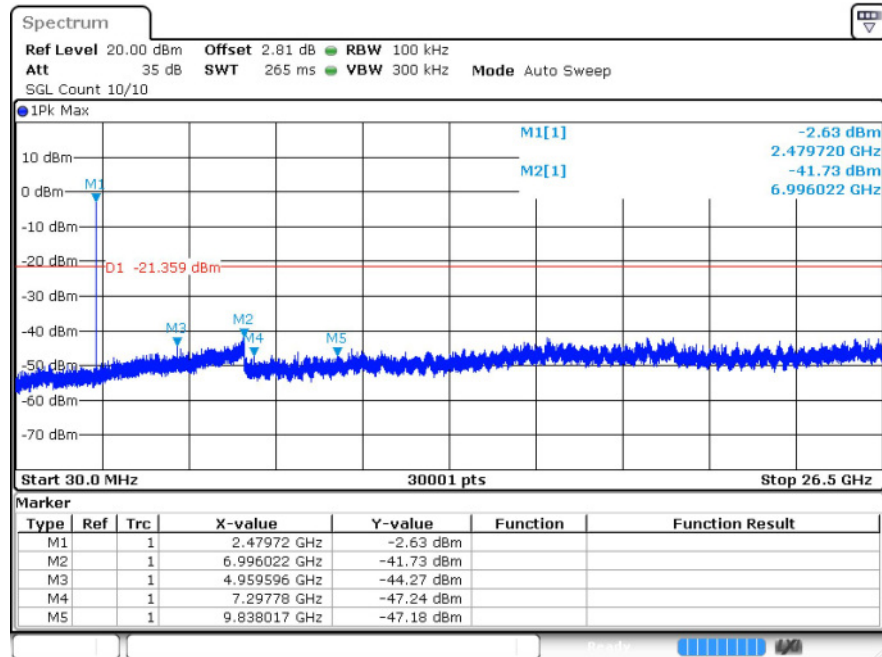


8DPSK_HCH_Graphs

Pref



Puw

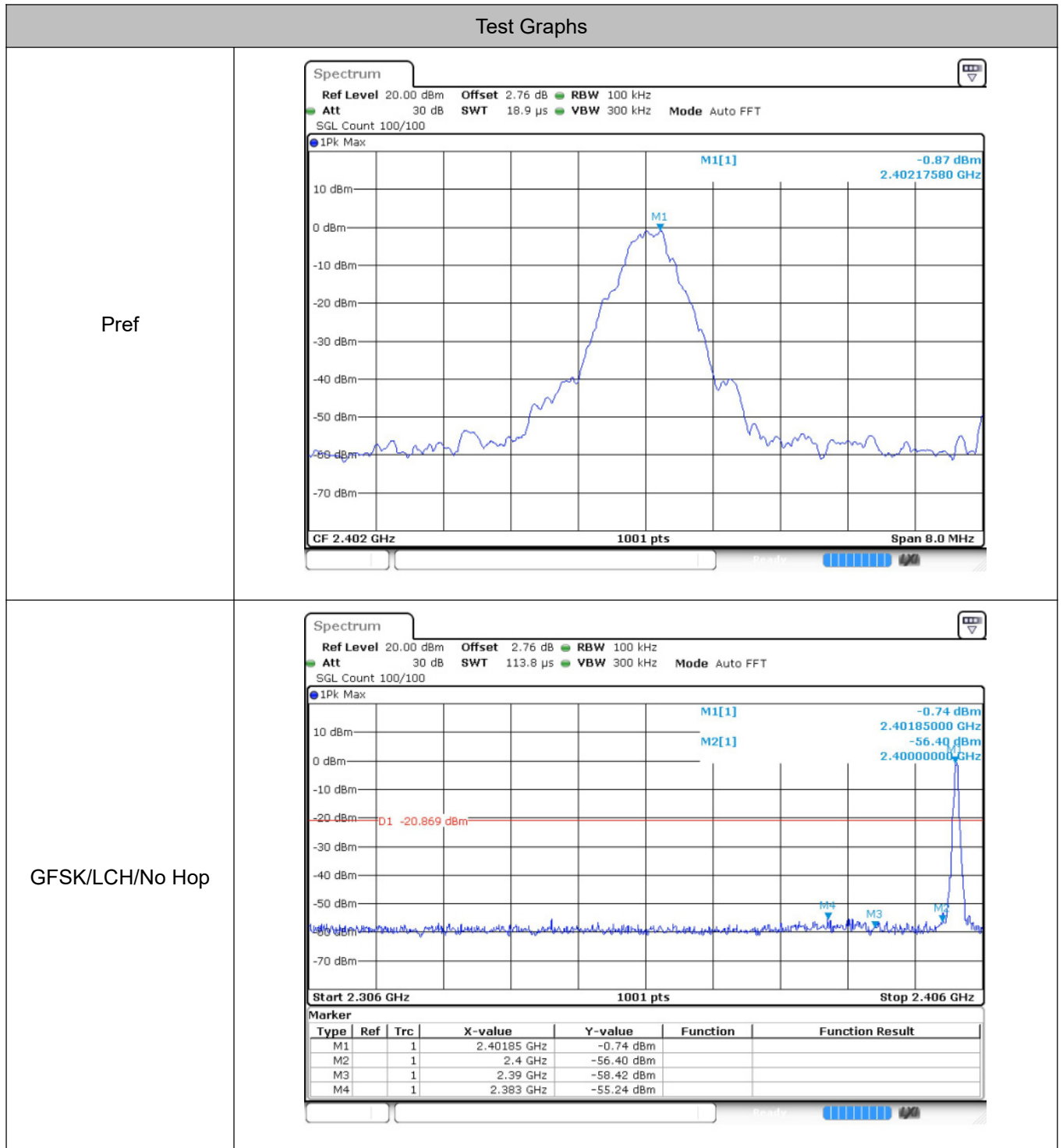


8 Band-edge for RF Conducted Emissions

8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-54.37	-20	Pass
			On	-53.61	-20	Pass
	HCH	2480	Off	-54.39	-20	Pass
			On	-52.42	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-54.39	-20	Pass
			On	-53.1	-20	Pass
	HCH	2480	Off	-52.46	-20	Pass
			On	-51.84	-20	Pass
8DPSK	LCH	2402	Off	-53.66	-20	Pass
			On	-52.34	-20	Pass
	HCH	2480	Off	-53.06	-20	Pass
			On	-53.44	-20	Pass

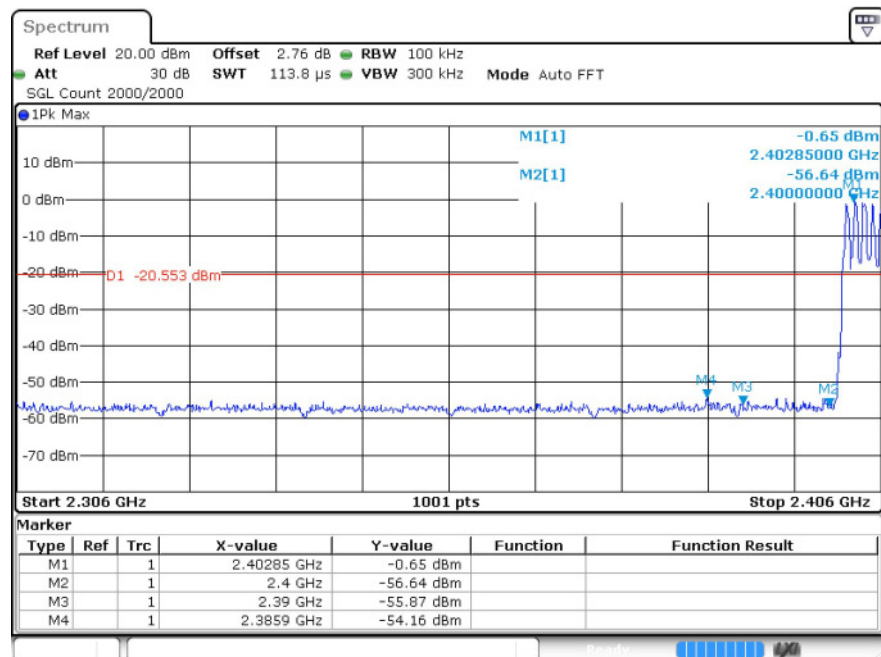
8.2 Test Graphs



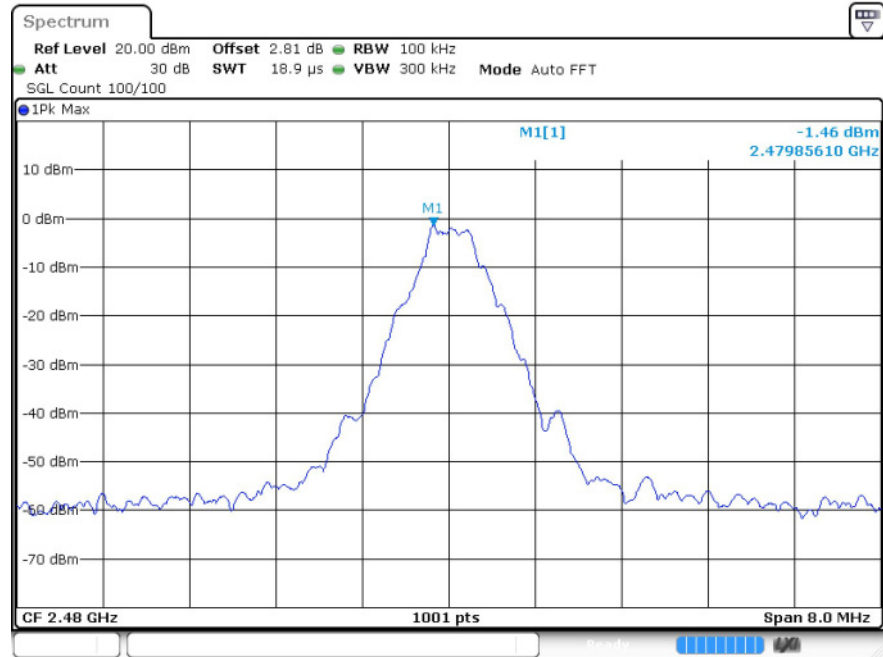
Ref



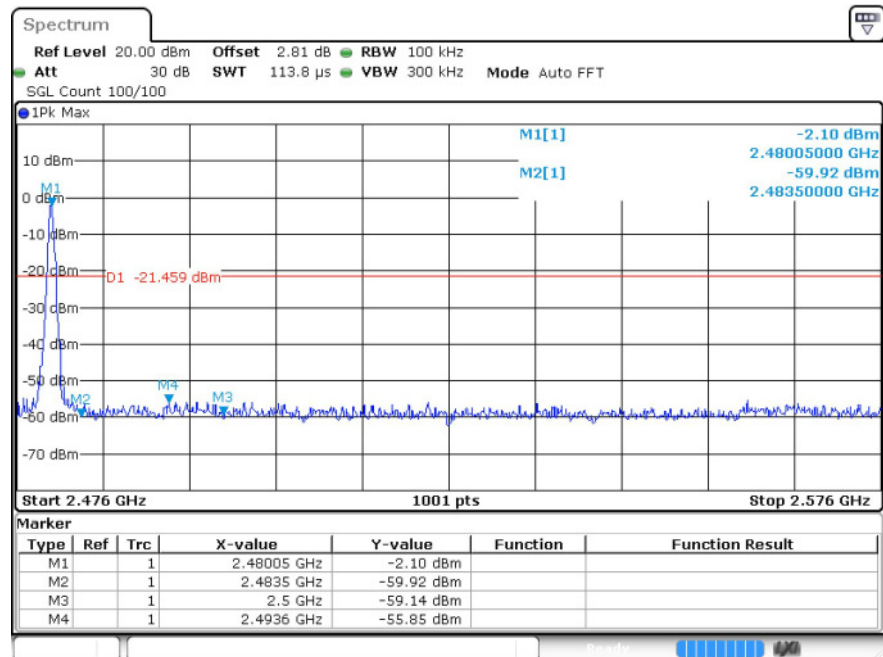
GFSK/LCH/Hop



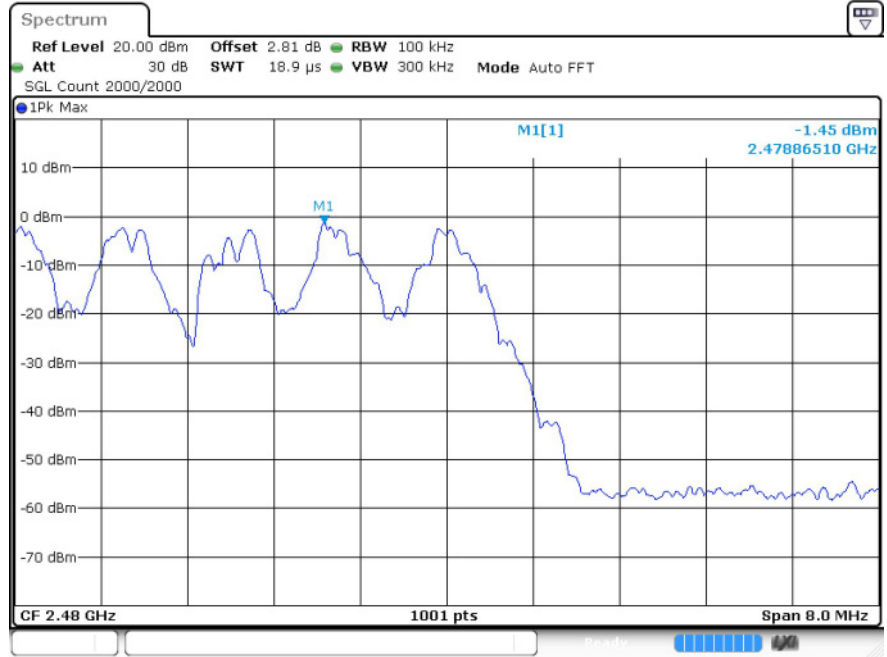
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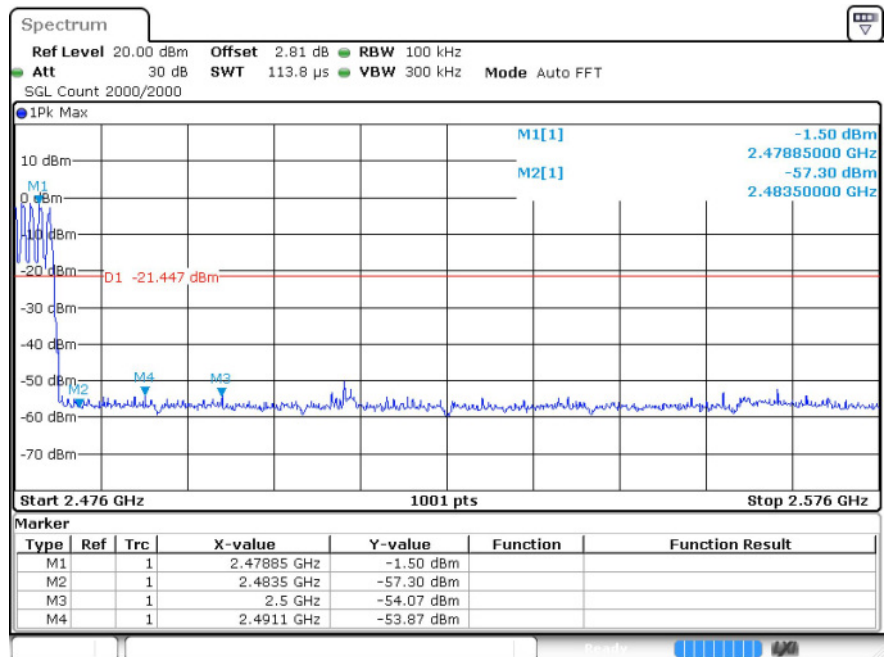
GFSK/HCH/No Hop



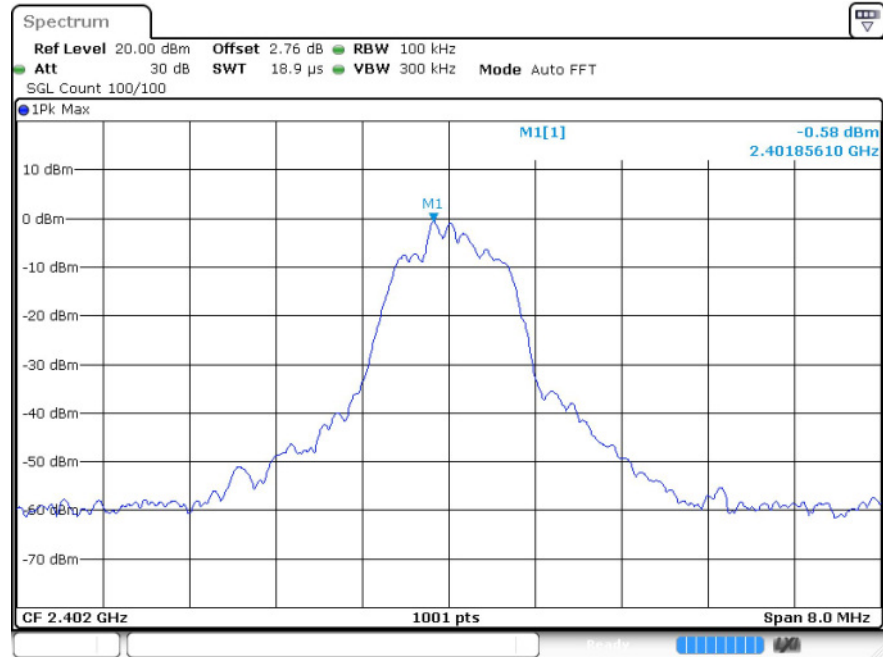
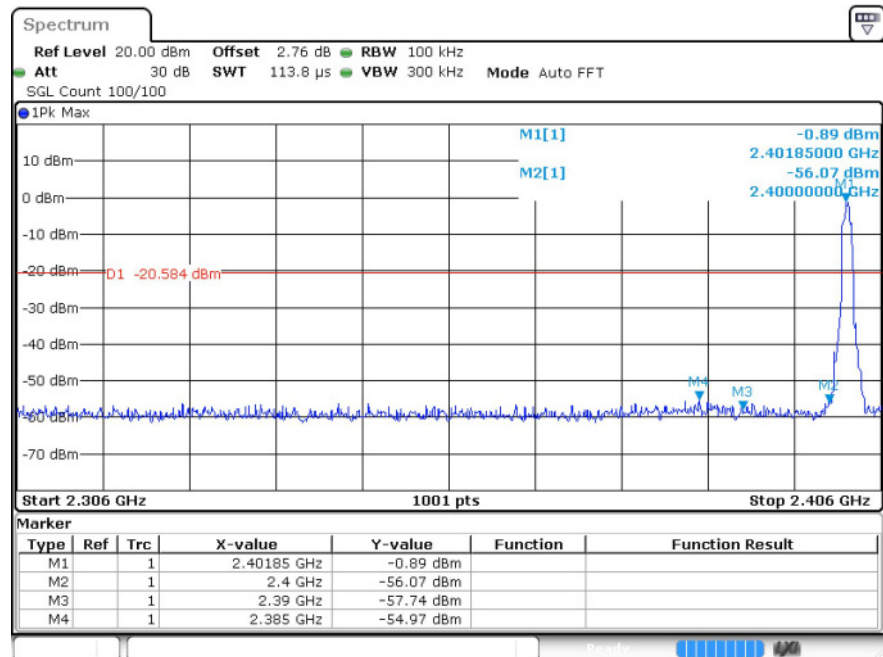
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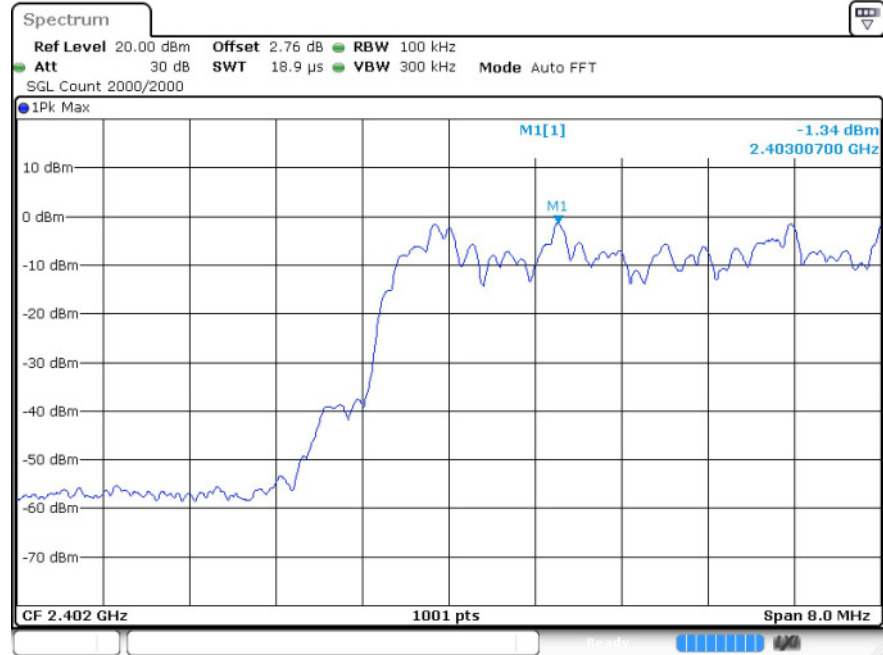
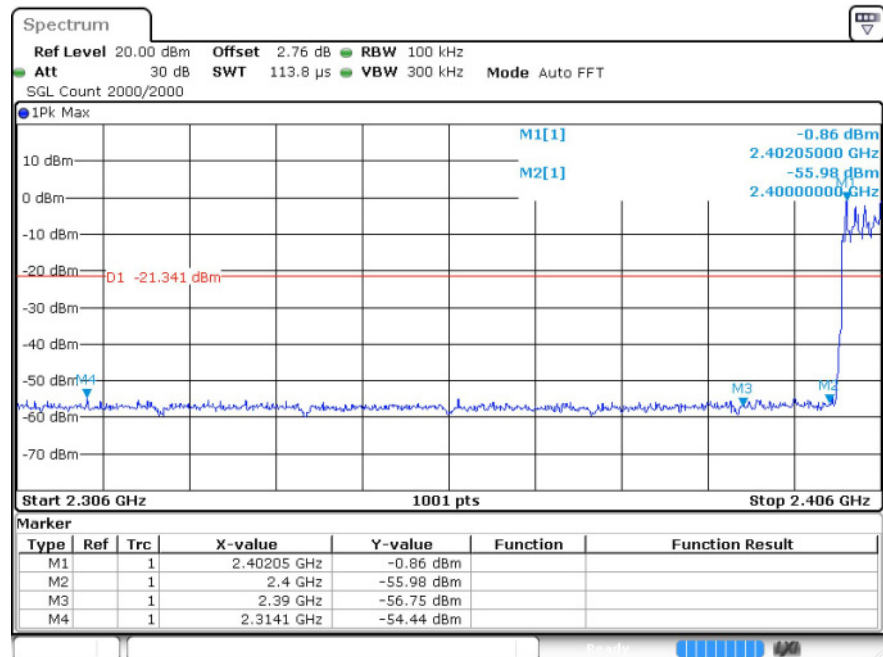
GFSK/HCH/Hop



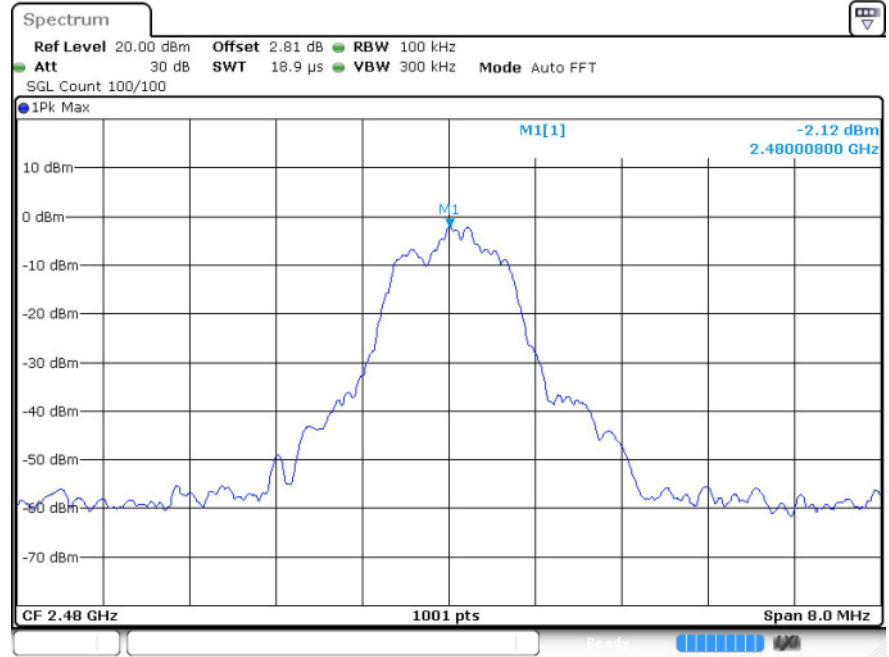
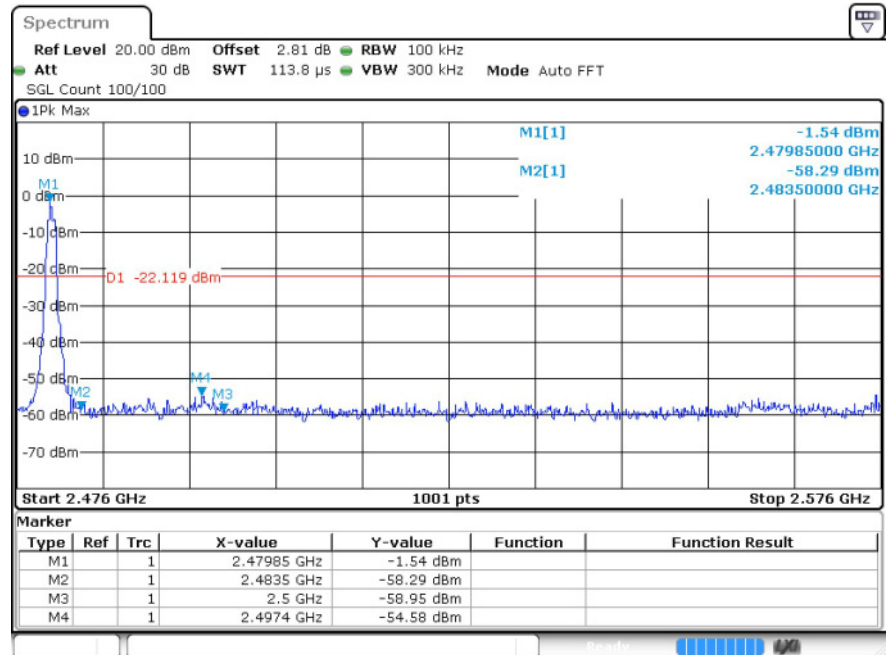
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 $\pi/4$ DQPSK/LCH/No
Hop


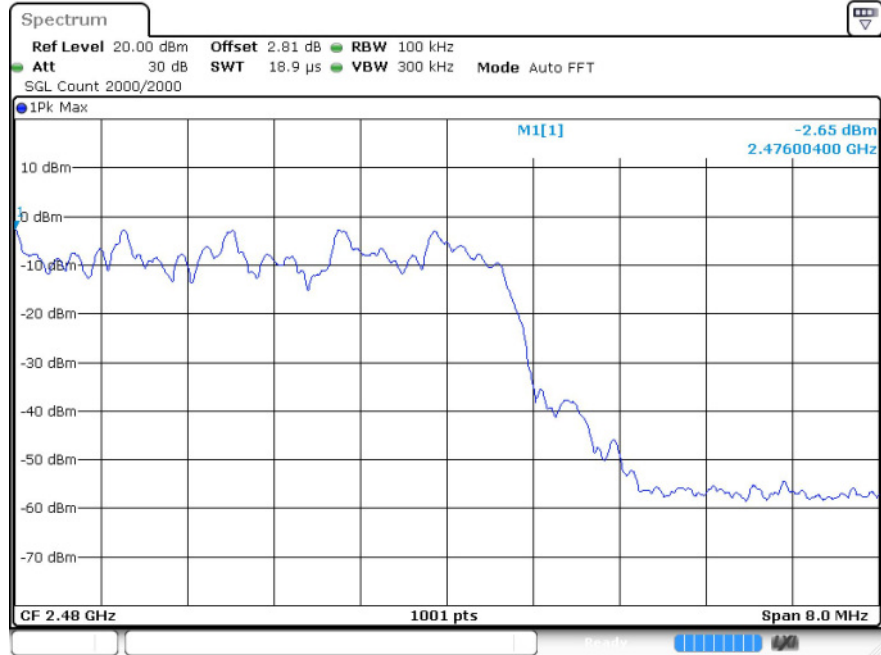
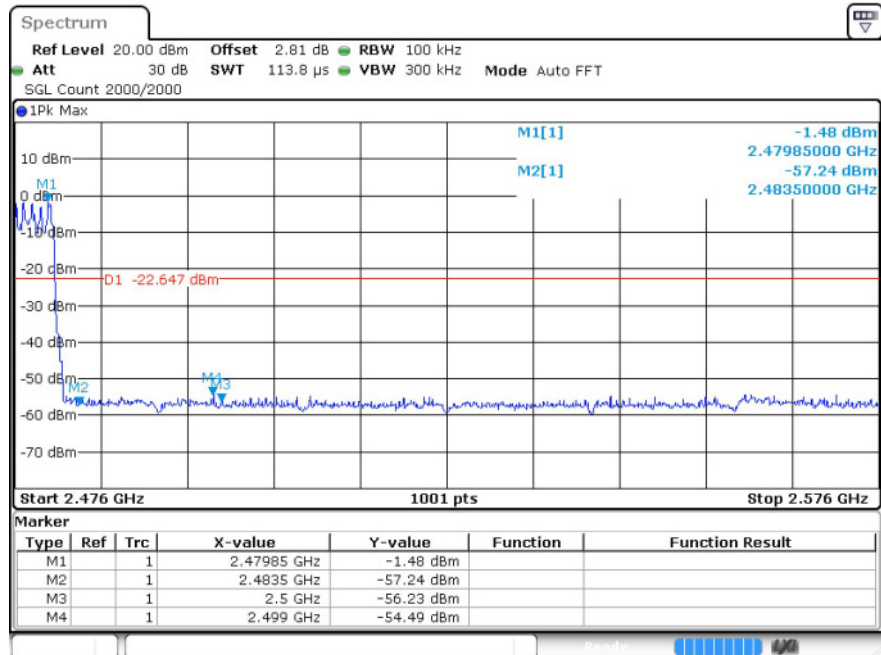
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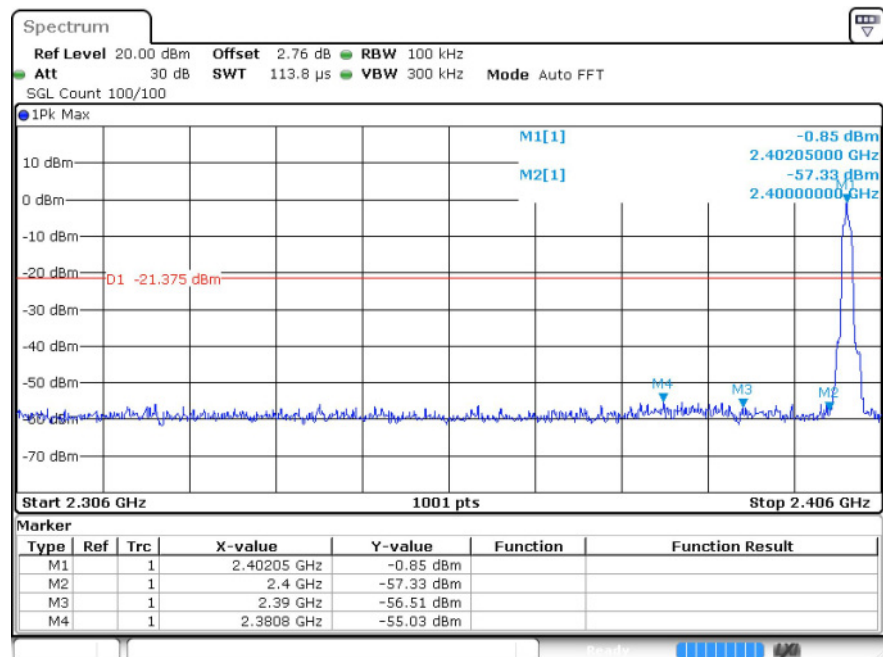
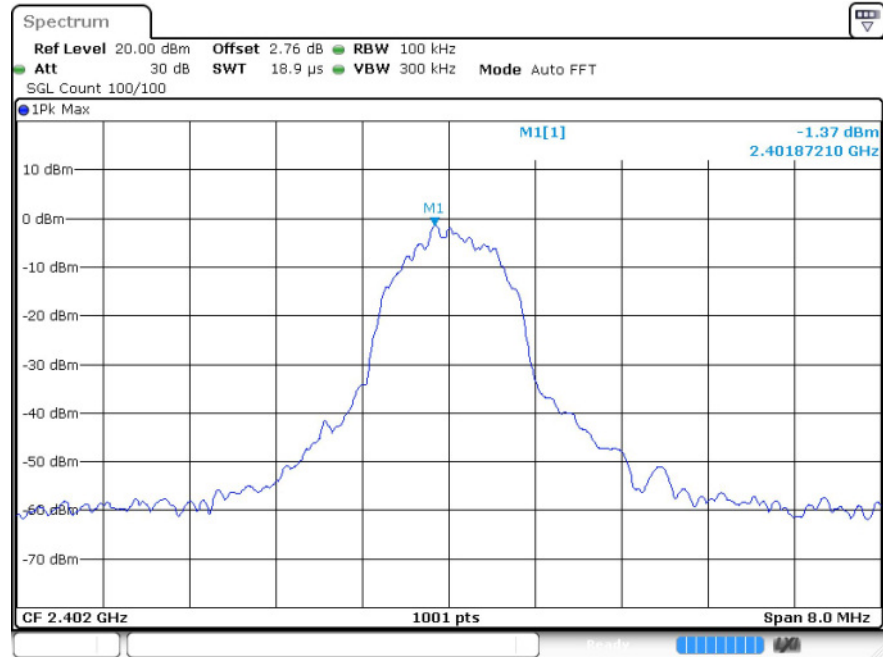

 $\pi/4$ DQPSK/LCH/Hop


Ref

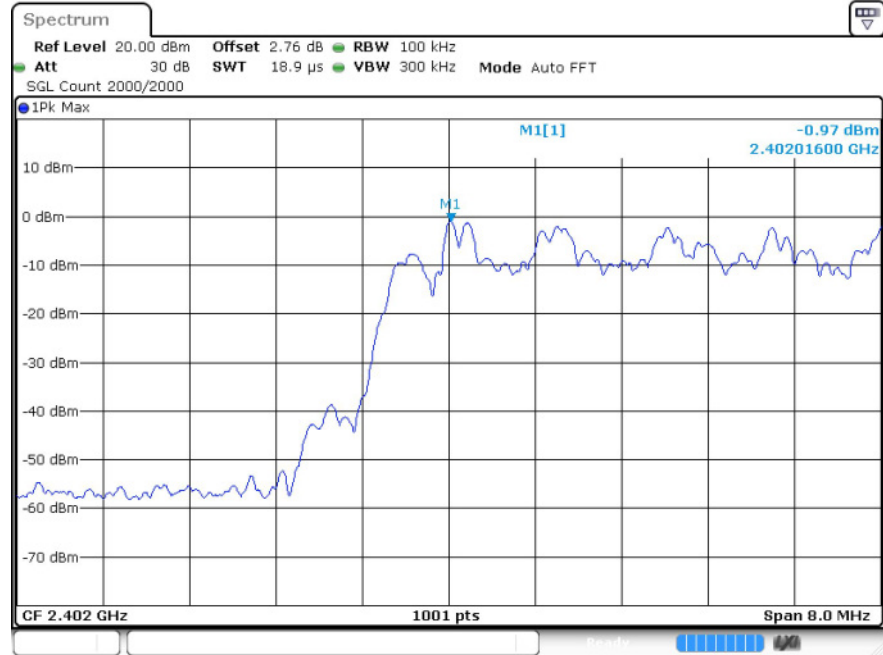

 $\pi/4$ DQPSK/HCH/No Hop


Ref

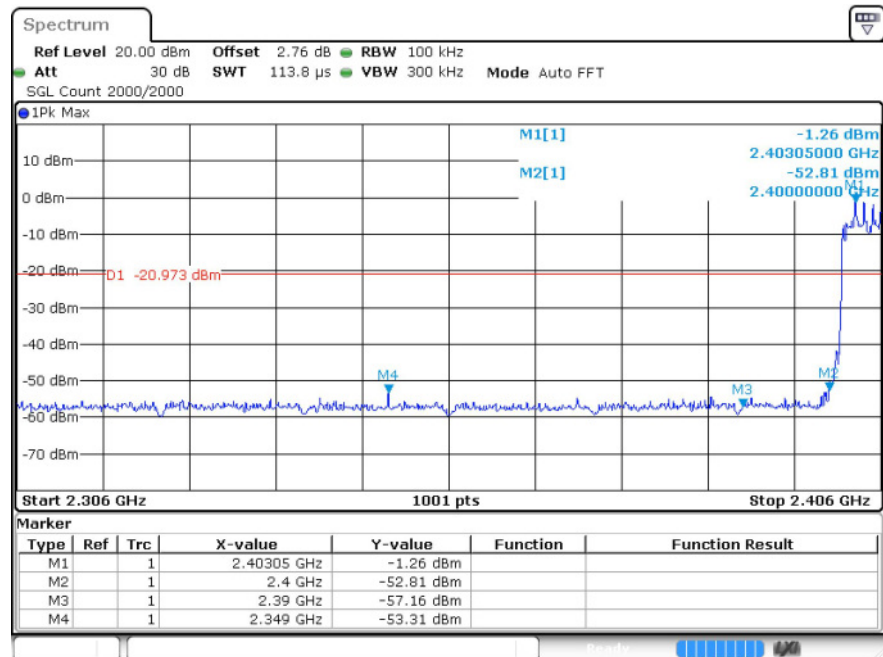

 $\pi/4$ DQPSK/HCH/Hop




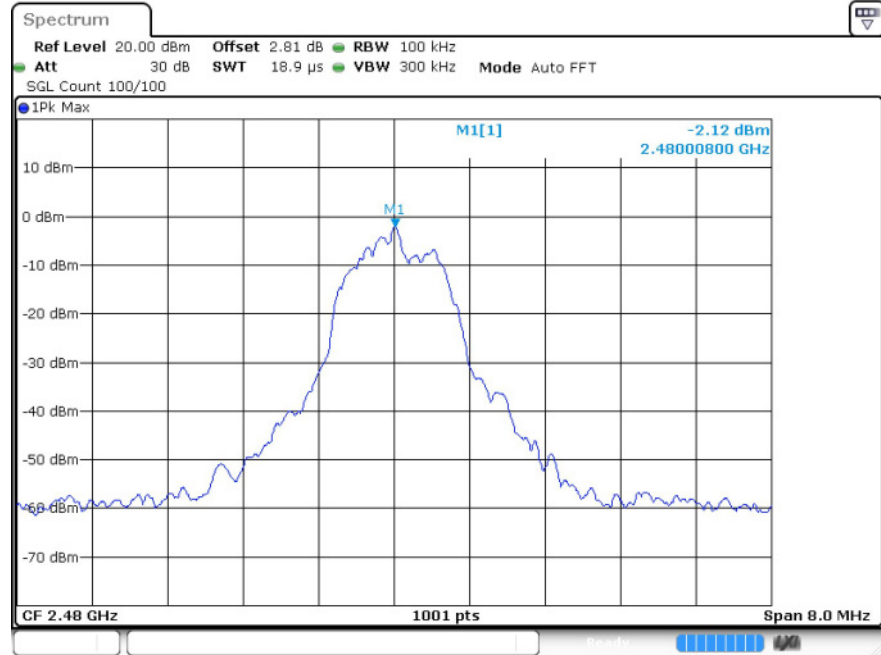
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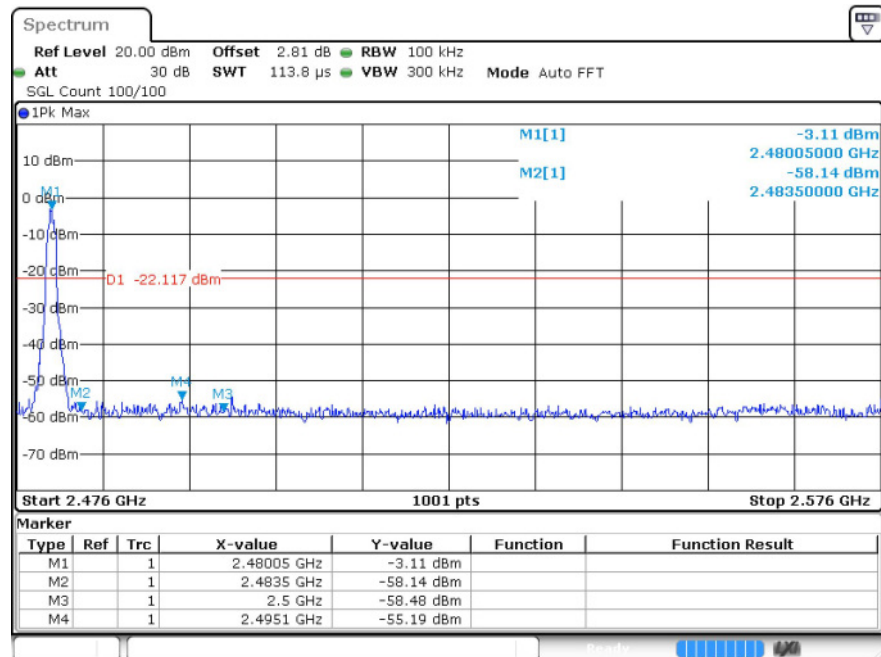
8DPSK/LCH/Hop



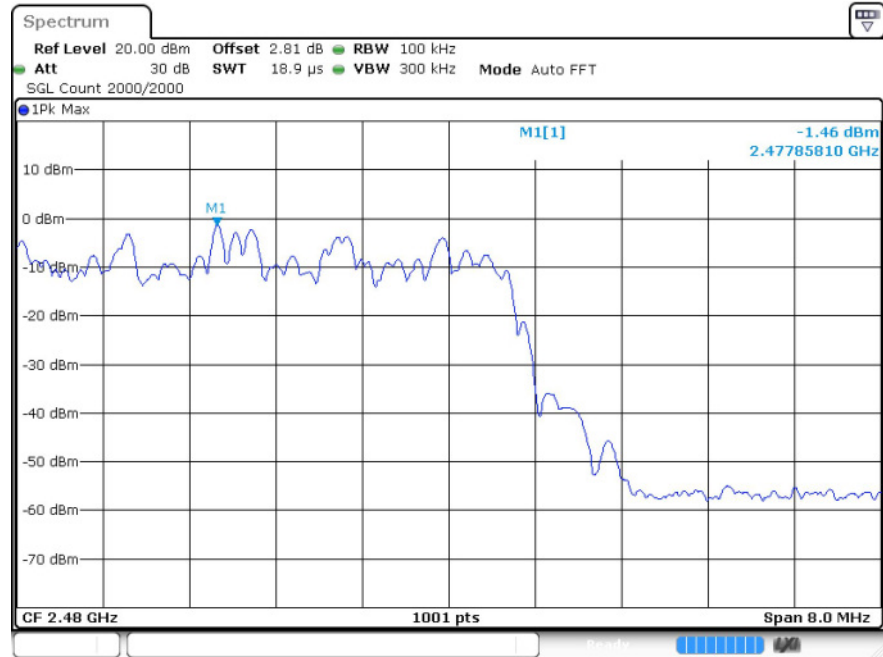
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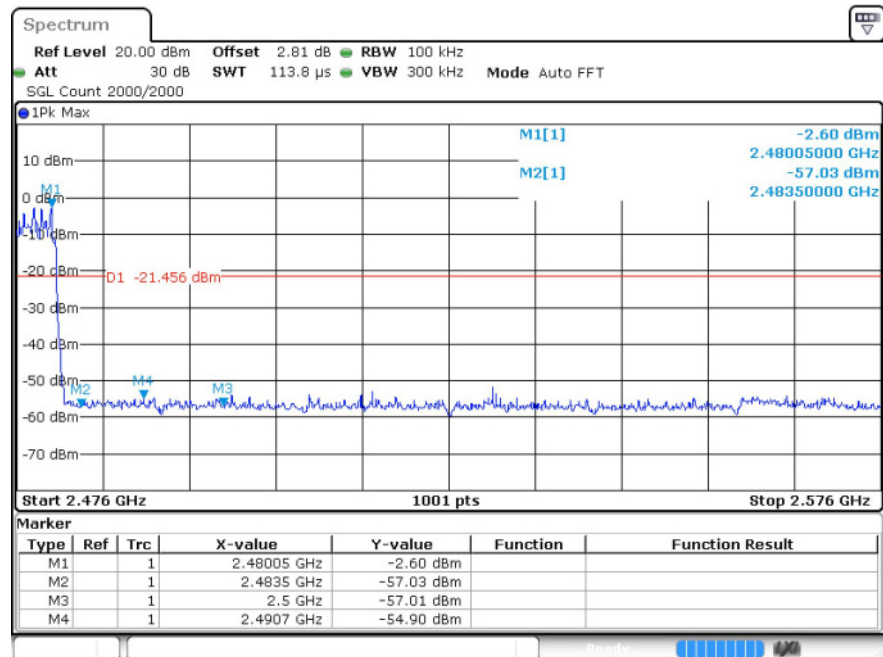
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

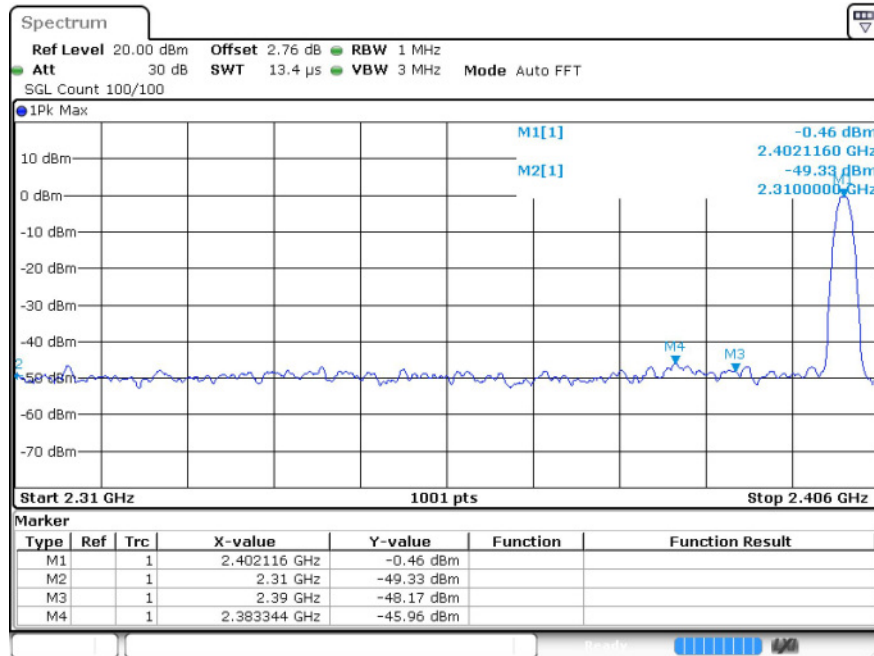
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-49.33	2	-	47.93	PEAK	74	Pass
	Off	2310.0	-56.3	2	5.06	46.02	AV	54	Pass
	Off	2383.344	-45.95	2	-	51.31	PEAK	74	Pass
	Off	2339.184	-54.57	2	5.06	47.75	AV	54	Pass
	Off	2390.0	-48.17	2	-	49.09	PEAK	74	Pass
	Off	2390.0	-56.12	2	5.06	46.2	AV	54	Pass
	Off	2483.5	-49.96	2	-	47.3	PEAK	74	Pass
	Off	2483.5	-56.1	2	5.06	46.22	AV	54	Pass
	Off	2491.432	-46.17	2	-	51.09	PEAK	74	Pass
	Off	2492.968	-55.57	2	5.06	46.75	AV	54	Pass
	Off	2500.0	-48.32	2	-	48.94	PEAK	74	Pass
	Off	2500.0	-56.12	2	5.06	46.2	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-49.47	2	-	47.79	PEAK	74	Pass
	Off	2310.0	-56.78	2	5.06	45.54	AV	54	Pass
	Off	2381.808	-46.11	2	-	51.15	PEAK	74	Pass
	Off	2341.584	-54.41	2	5.06	47.91	AV	54	Pass
	Off	2390.0	-49.03	2	-	48.23	PEAK	74	Pass
	Off	2390.0	-57	2	5.06	45.32	AV	54	Pass
	Off	2483.5	-48.52	2	-	48.74	PEAK	74	Pass
	Off	2483.5	-56.16	2	5.06	46.16	AV	54	Pass
	Off	2499.856	-45.74	2	-	51.52	PEAK	74	Pass
	Off	2496.232	-54.62	2	5.06	47.7	AV	54	Pass
	Off	2500.0	-45.85	2	-	51.41	PEAK	74	Pass
	Off	2500.0	-55.88	2	5.06	46.44	AV	54	Pass
8DPSK	Off	2310.0	-49.82	2	-	47.44	PEAK	74	Pass
	Off	2310.0	-57.33	2	5.03	44.96	AV	54	Pass
	Off	2380.656	-44.57	2	-	52.69	PEAK	74	Pass
	Off	2338.032	-54.69	2	5.03	47.6	AV	54	Pass



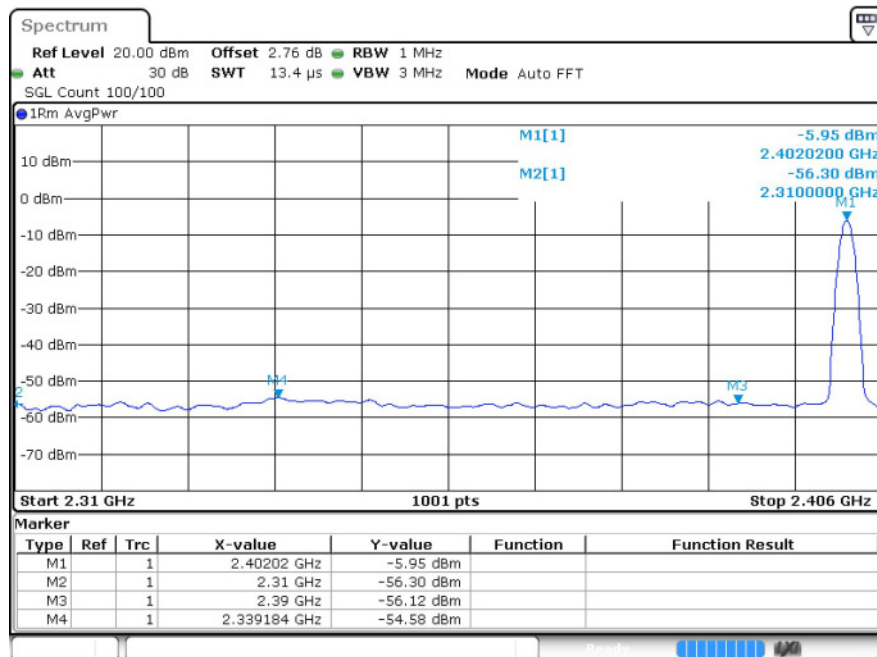
Off	2390.0	-48.83	2	-	48.43	PEAK	74	Pass
Off	2390.0	-55.87	2	5.03	46.42	AV	54	Pass
Off	2483.5	-50.88	2	-	46.38	PEAK	74	Pass
Off	2483.5	-56.02	2	4.97	46.21	AV	54	Pass
Off	2497.72	-47.14	2	-	50.12	PEAK	74	Pass
Off	2499.28	-55.22	2	4.97	47.01	AV	54	Pass
Off	2500.0	-48.76	2	-	48.5	PEAK	74	Pass
Off	2500.0	-55.5	2	4.97	46.73	AV	54	Pass

9.2 Test Graphs

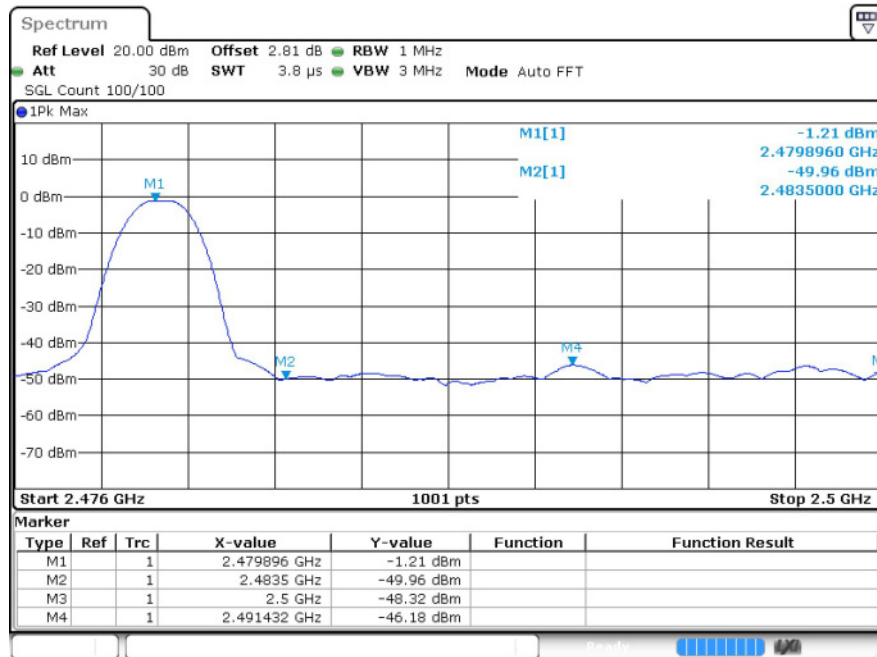
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



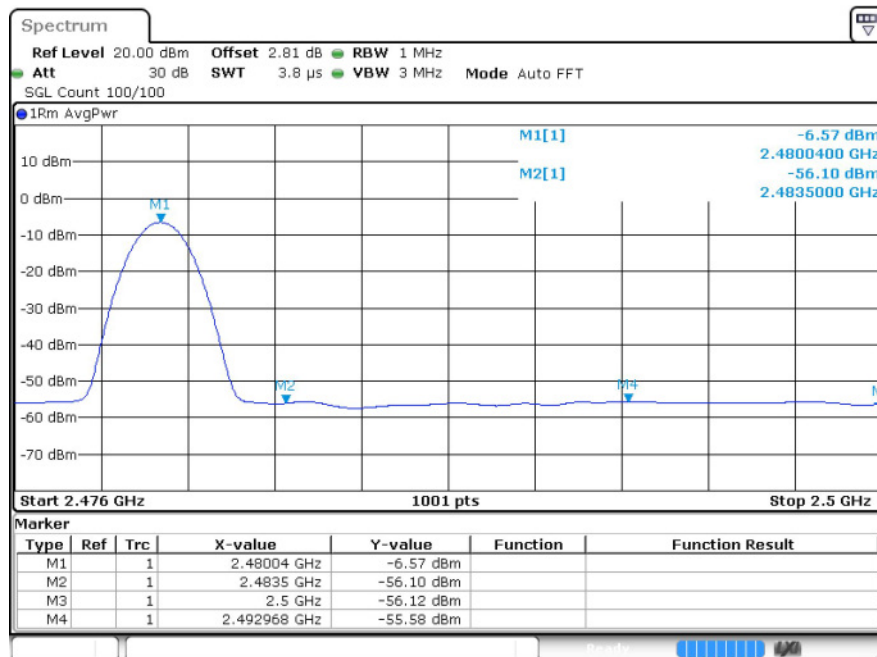
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



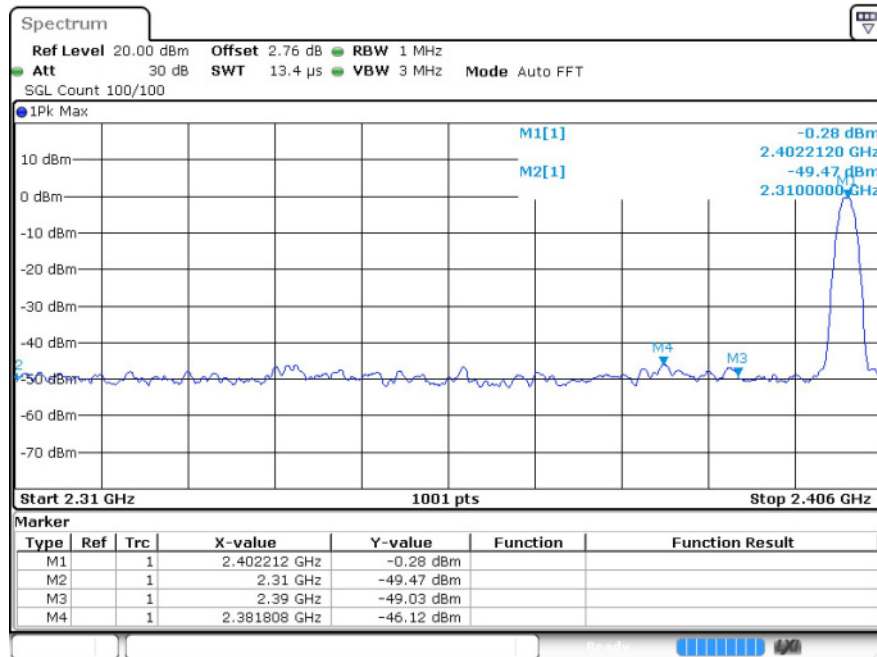
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



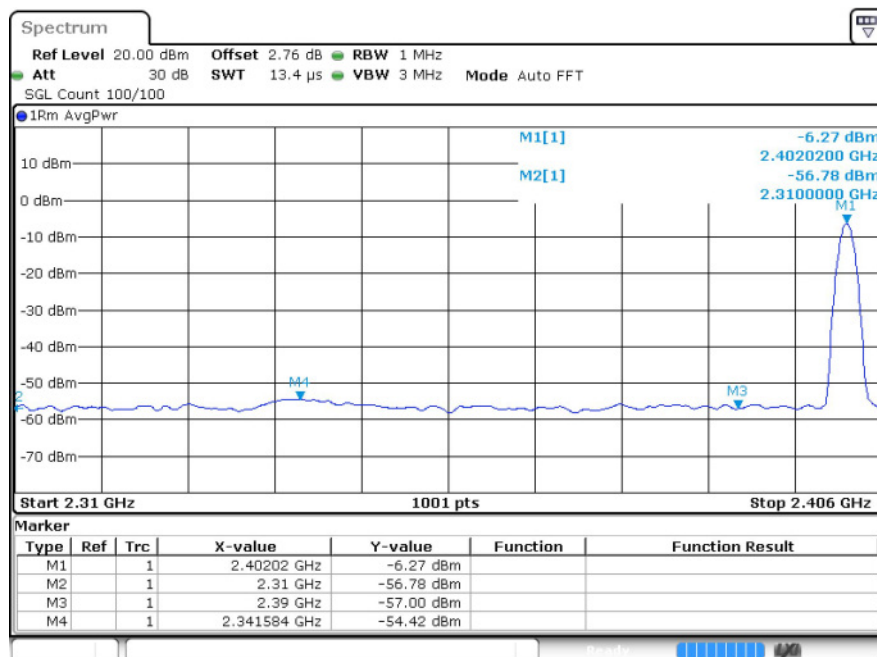
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



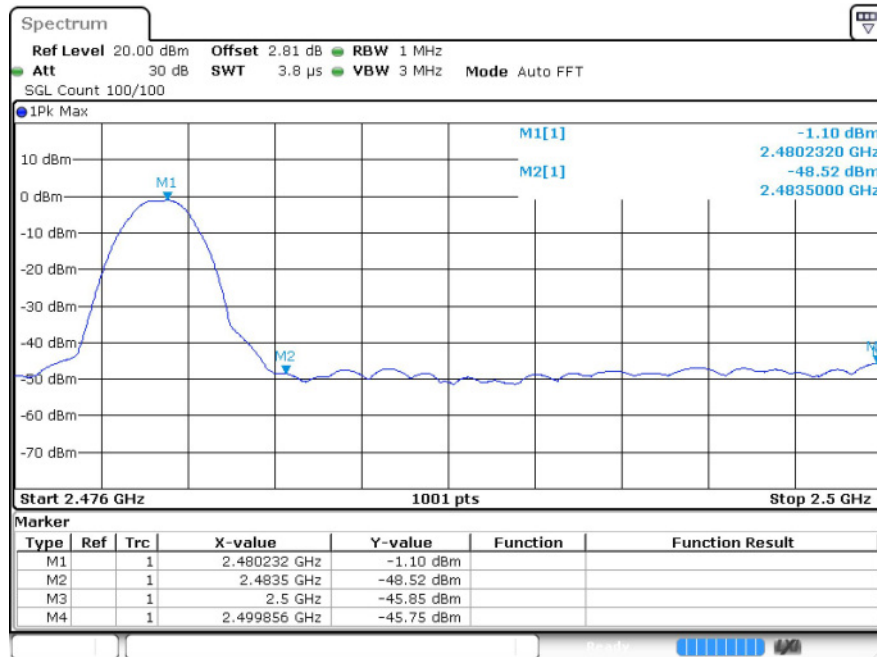
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



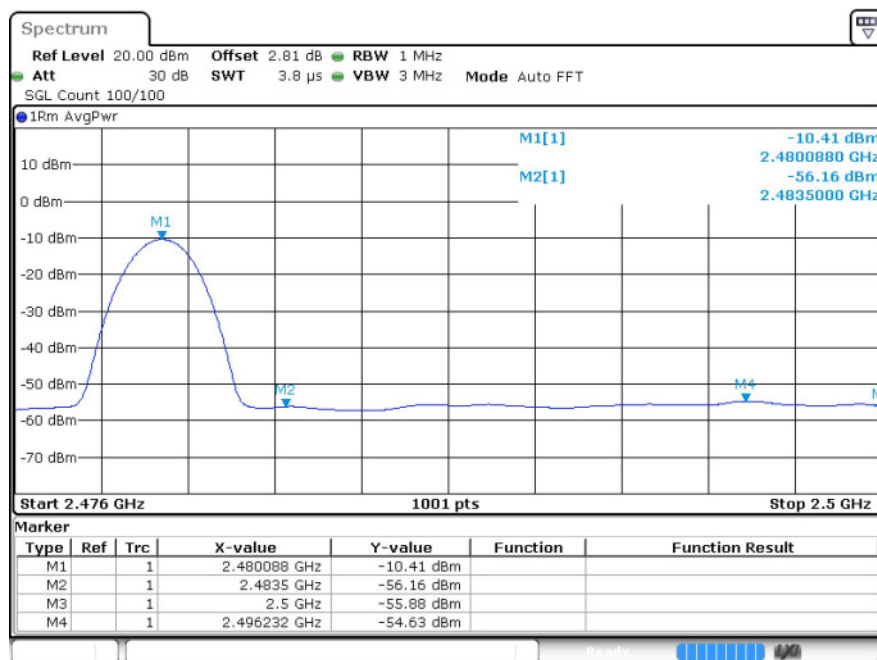
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



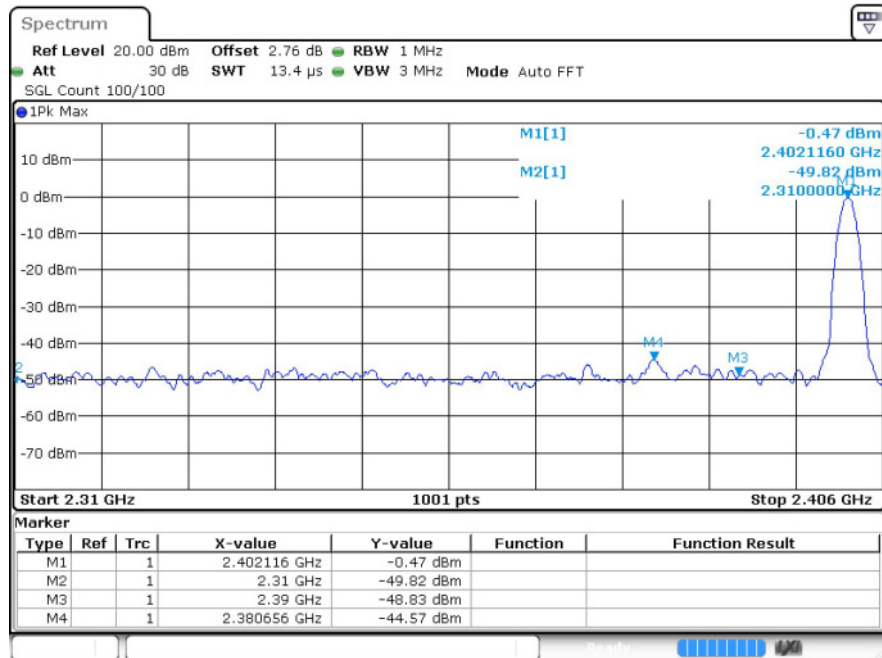
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



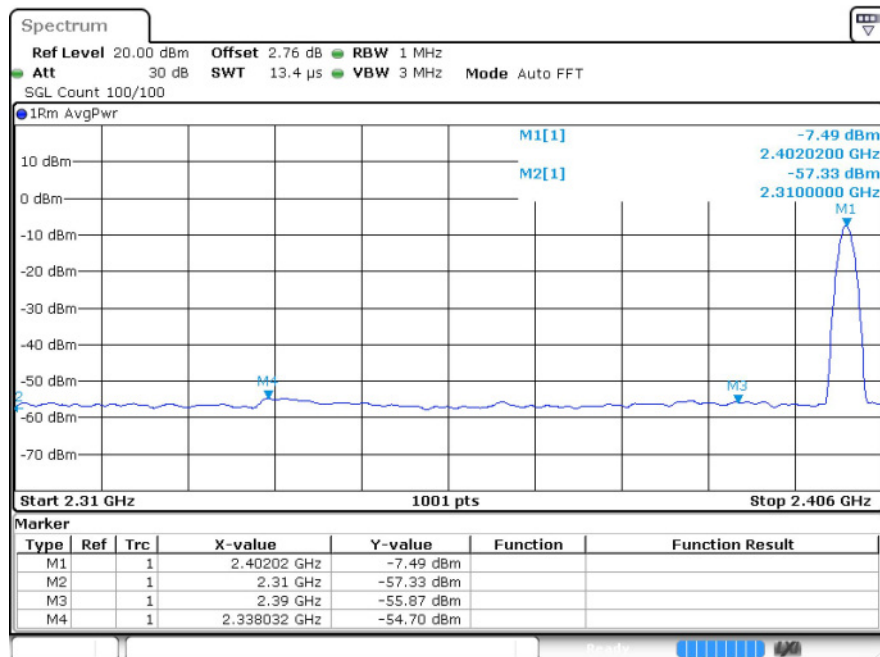
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



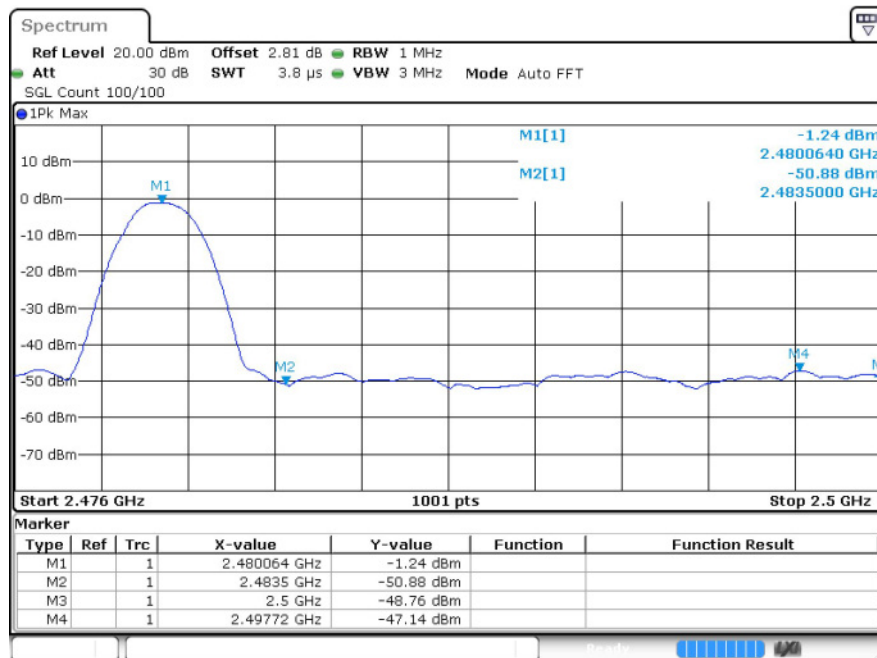
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



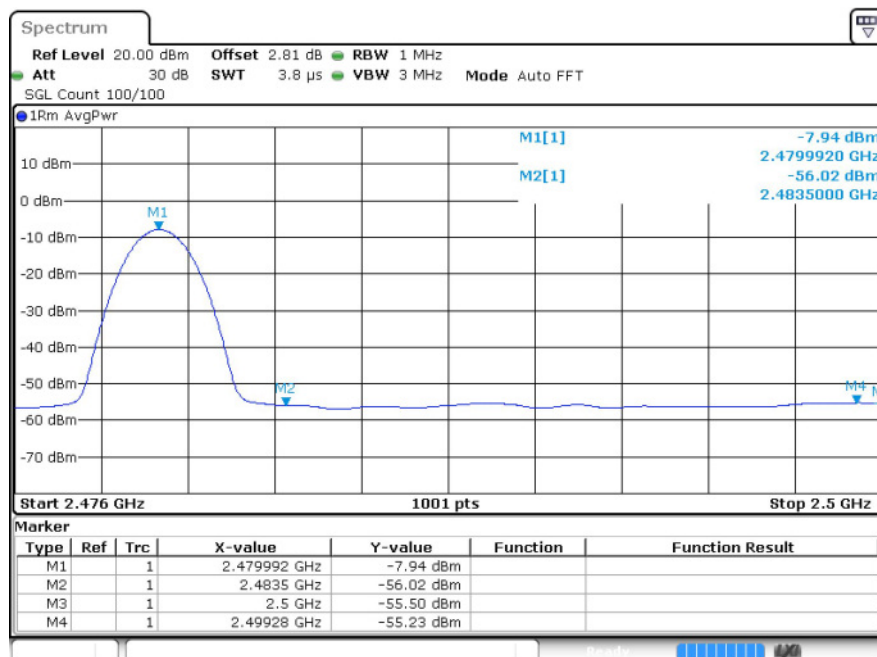
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---