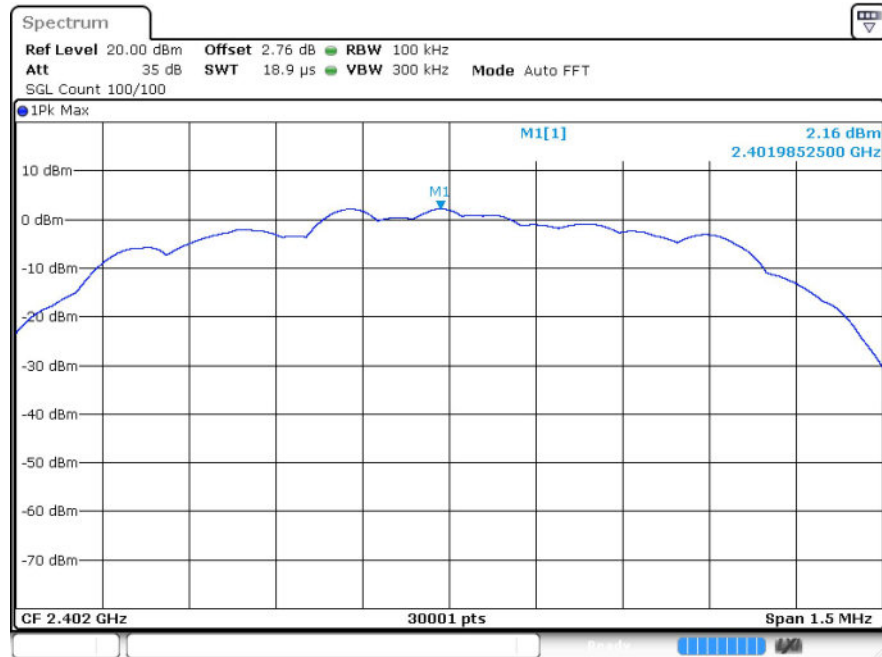
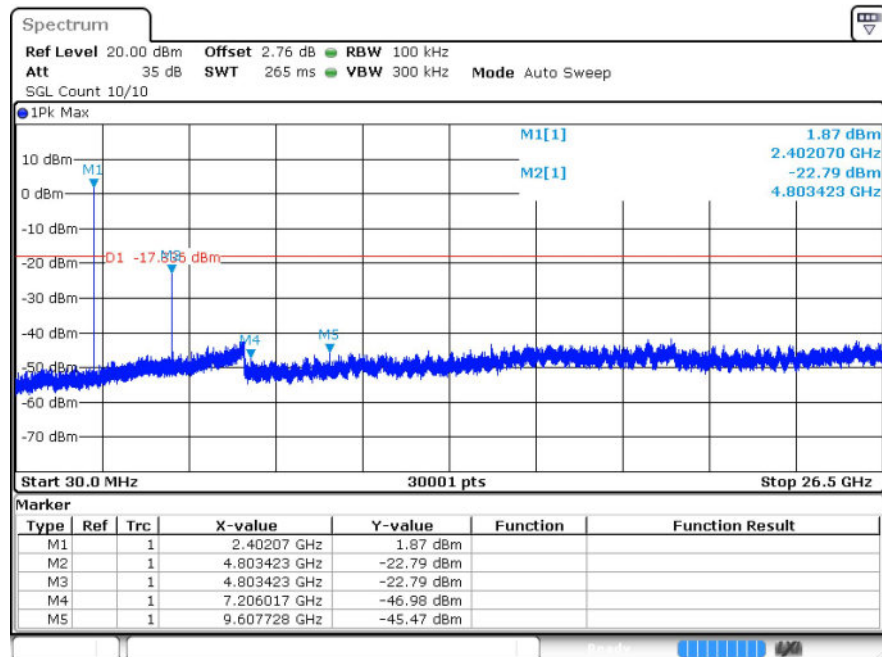


$\pi/4$ DQPSK_LCH_Graphs

Pref

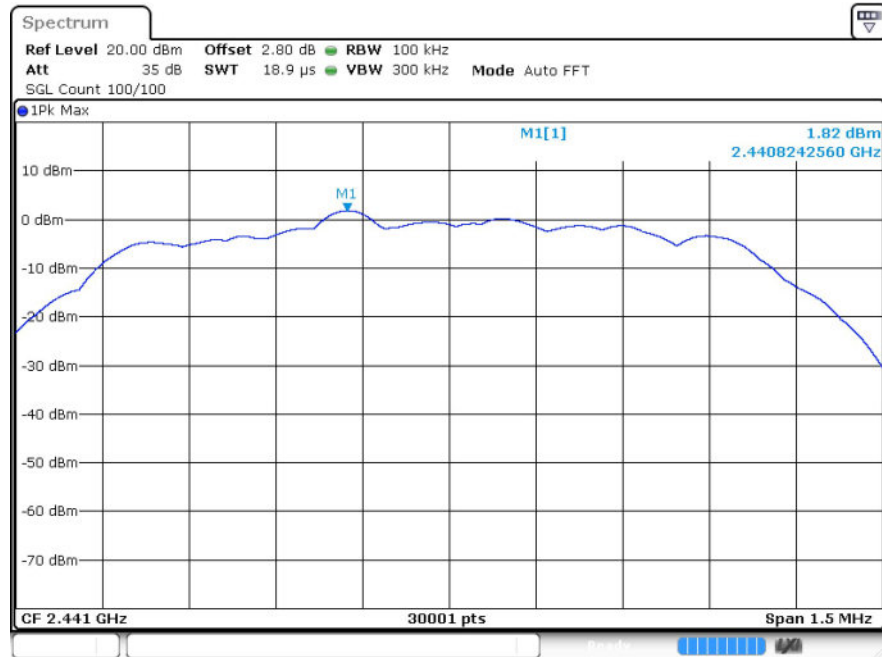


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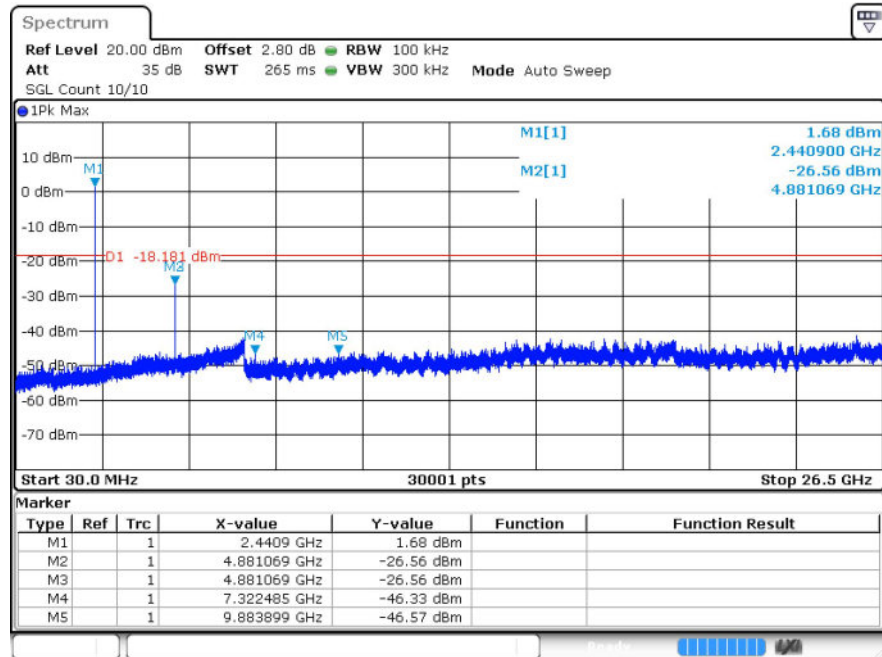


$\pi/4$ DQPSK_MCH_Graphs

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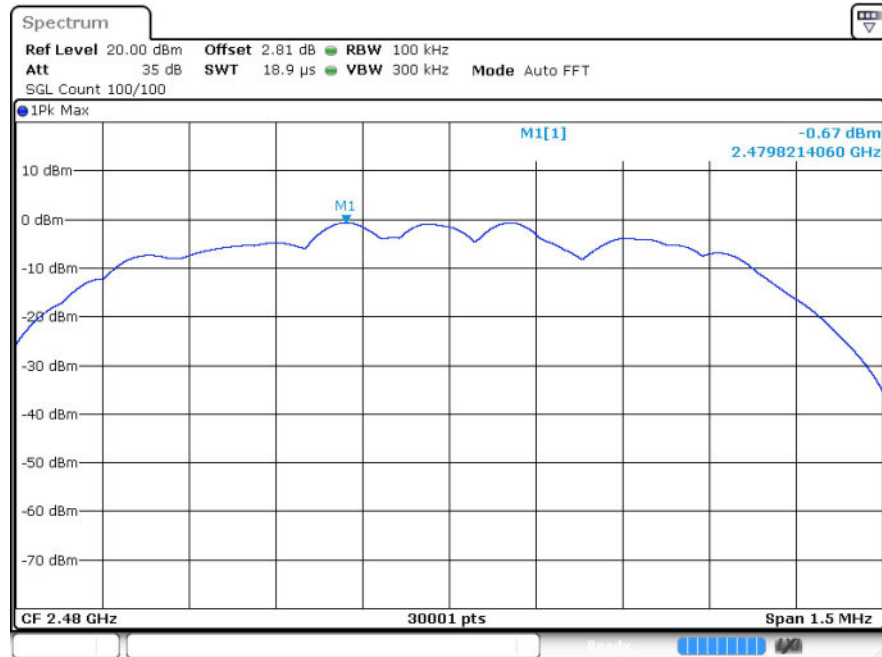


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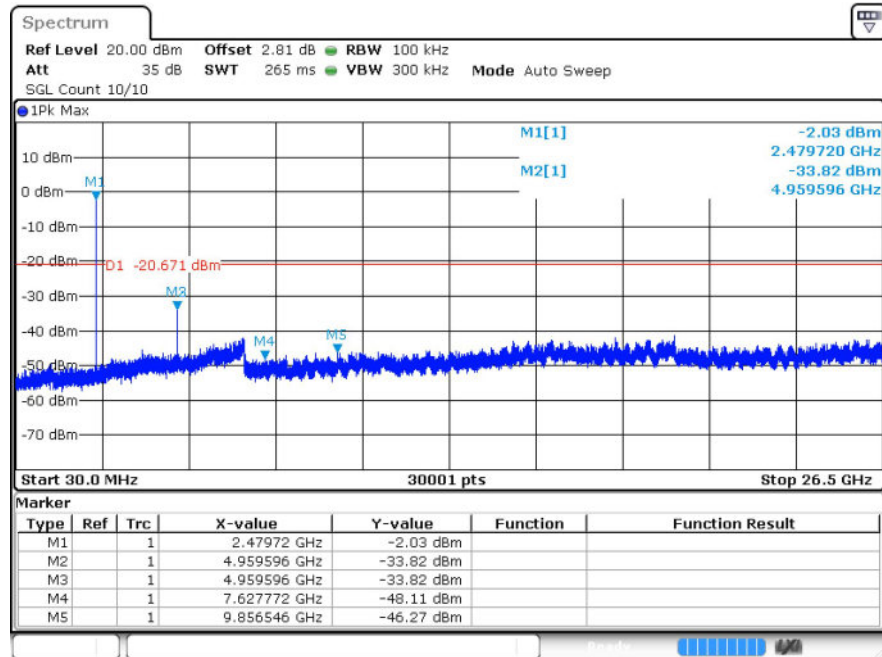


$\pi/4$ DQPSK_HCH_Graphs

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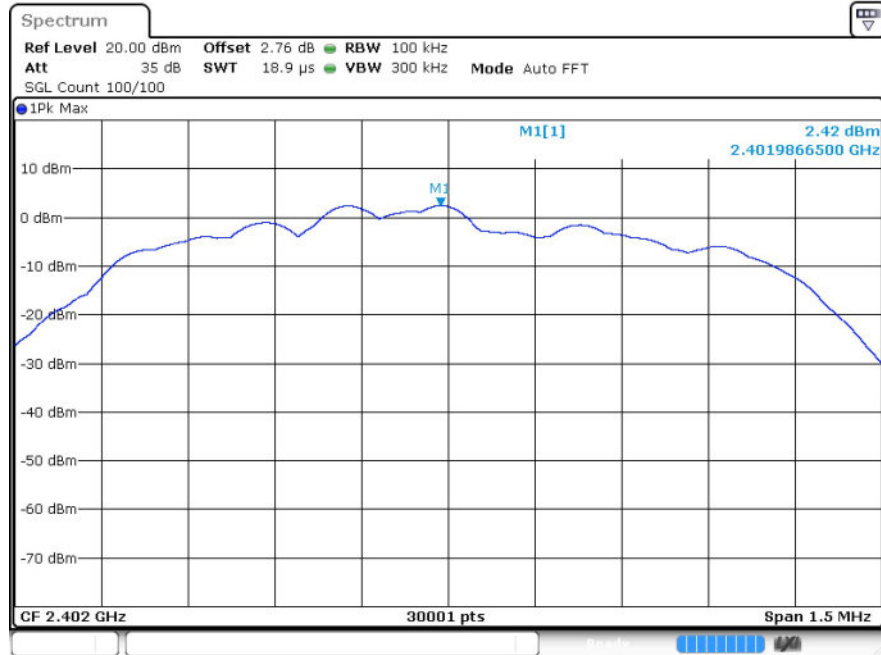


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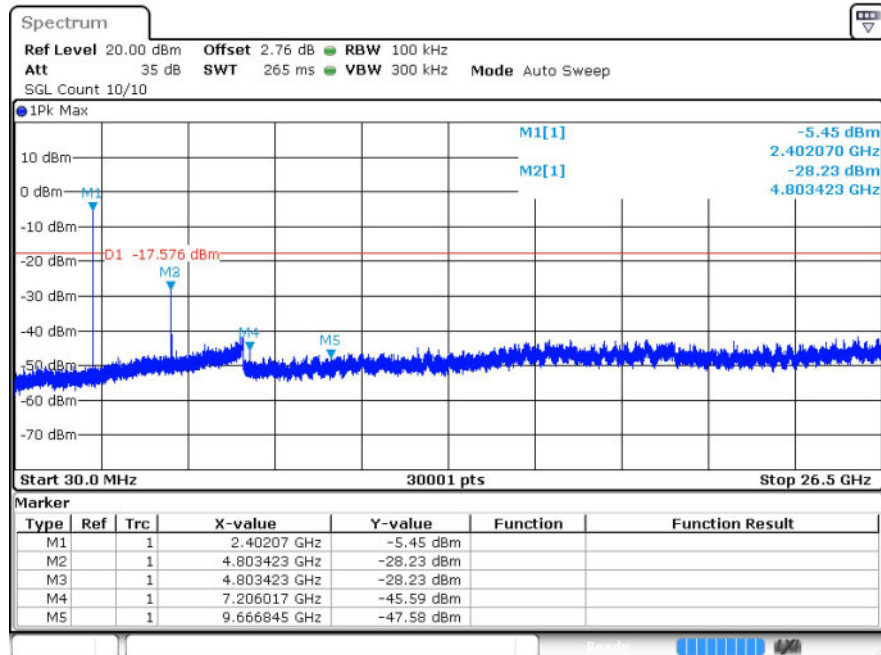


8DPSK_LCH_Graphs

Pref

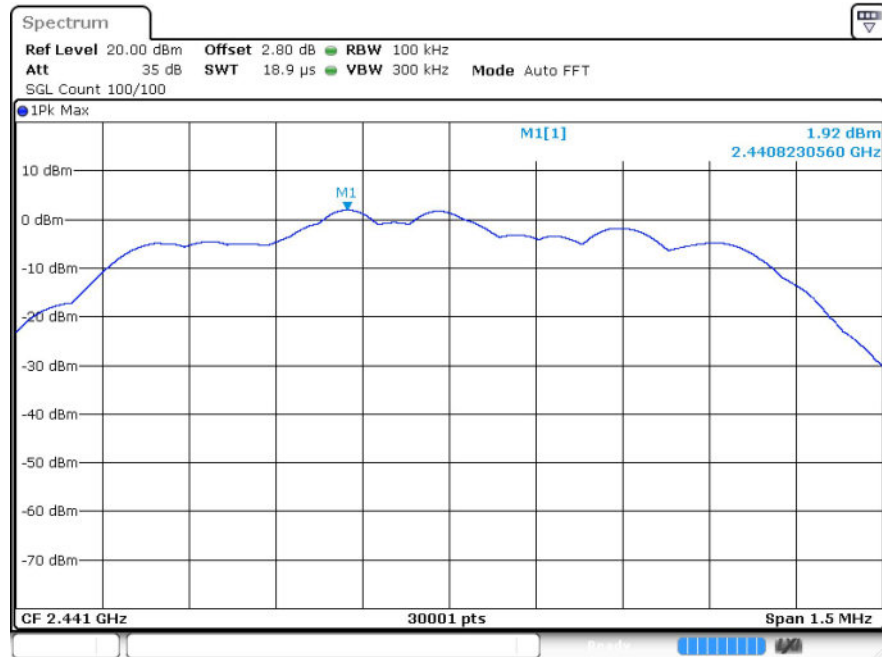


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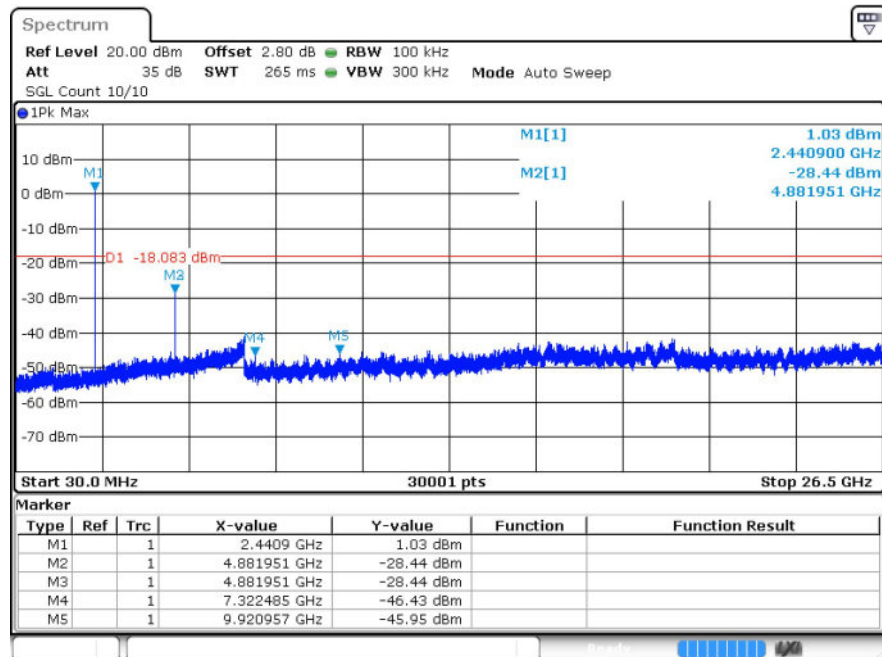


8DPSK_MCH_Graphs

Pref

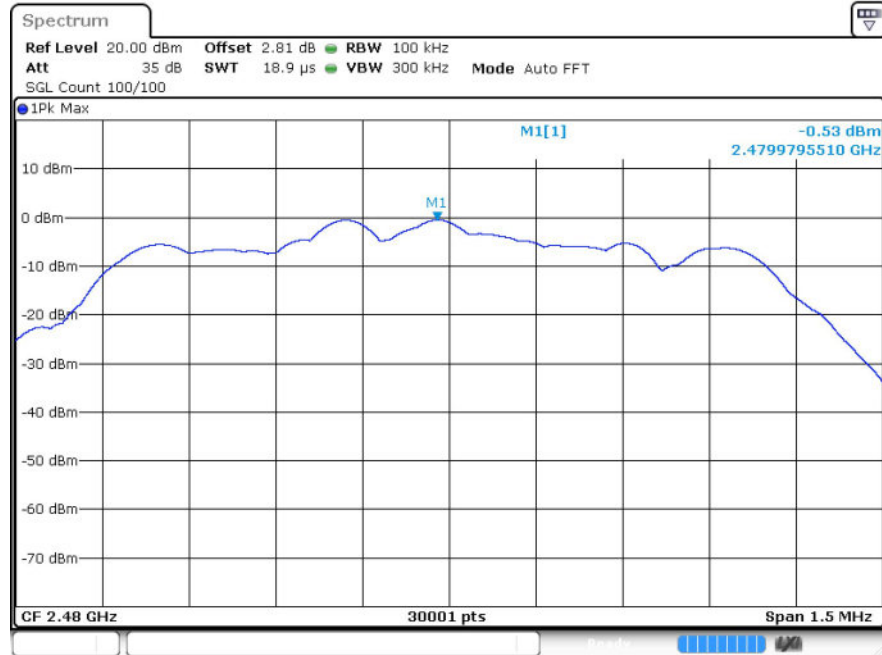


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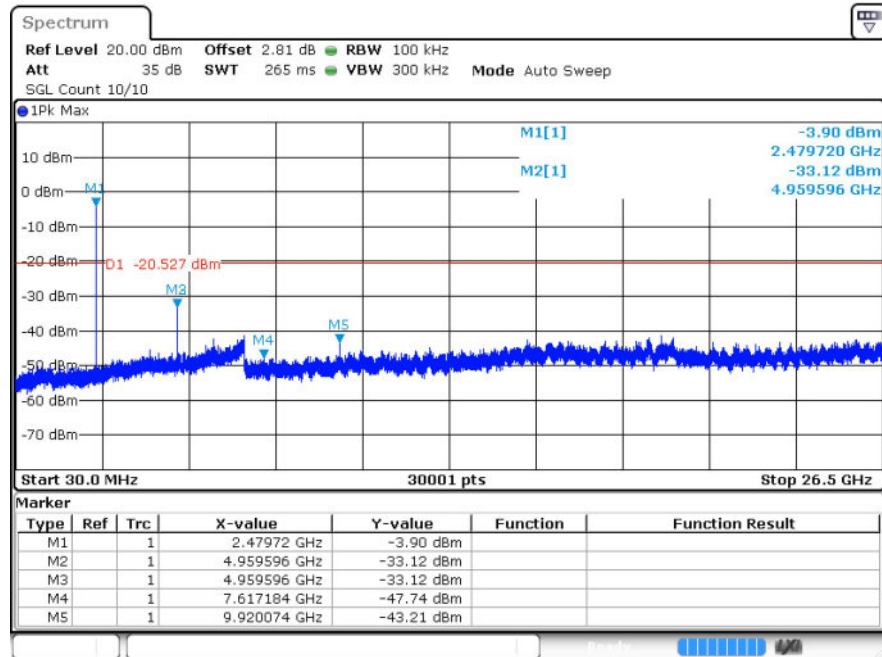


8DPSK_HCH_Graphs

Pref



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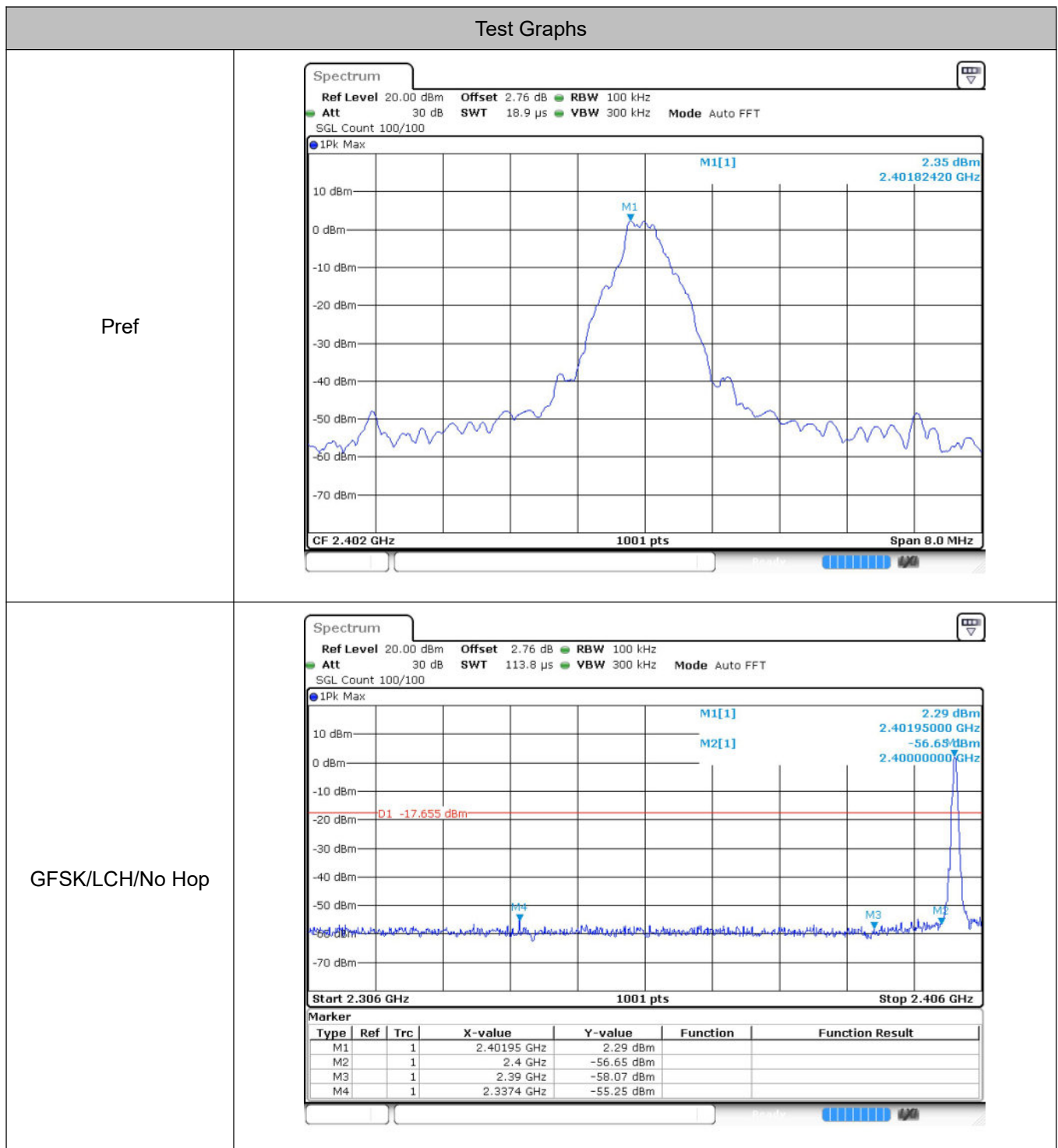


8 Band-edge for RF Conducted Emissions

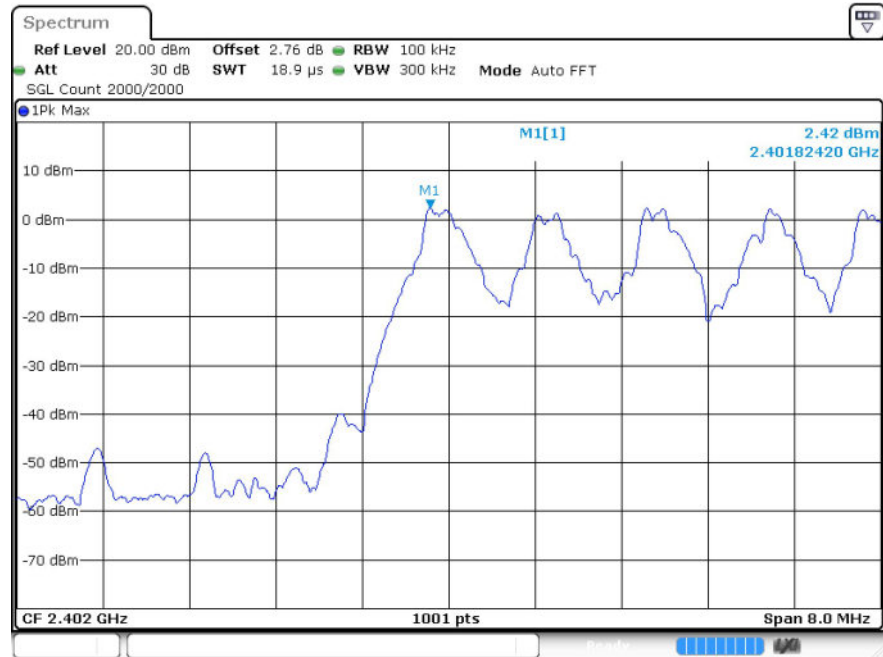
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-57.6	-20	Pass
			On	-57.08	-20	Pass
	HCH	2480	Off	-55.18	-20	Pass
			On	-54.95	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-57.64	-20	Pass
			On	-55.99	-20	Pass
	HCH	2480	Off	-55.53	-20	Pass
			On	-53.72	-20	Pass
8DPSK	LCH	2402	Off	-58.11	-20	Pass
			On	-57.74	-20	Pass
	HCH	2480	Off	-54.51	-20	Pass
			On	-53.93	-20	Pass

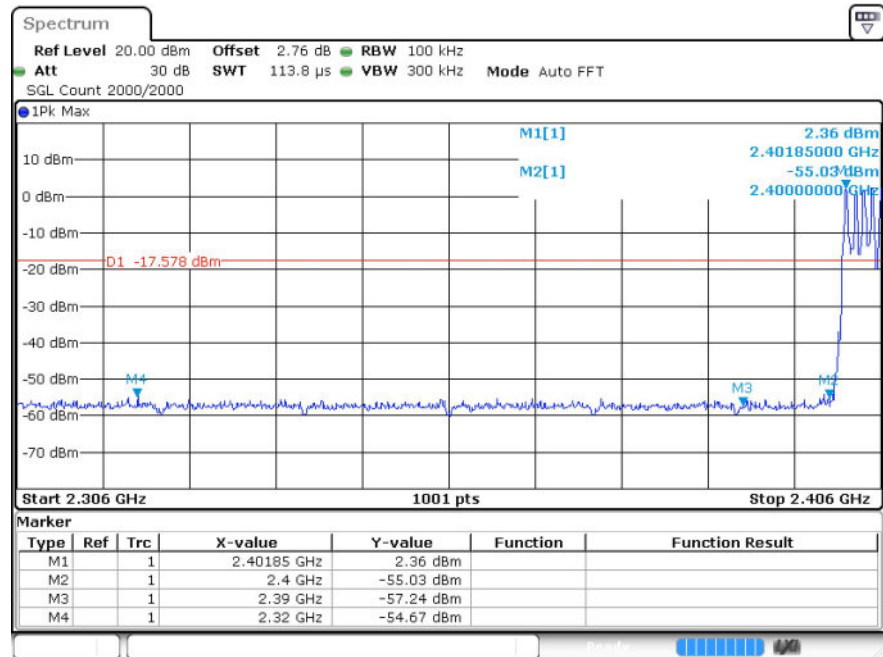
8.2 Test Graphs



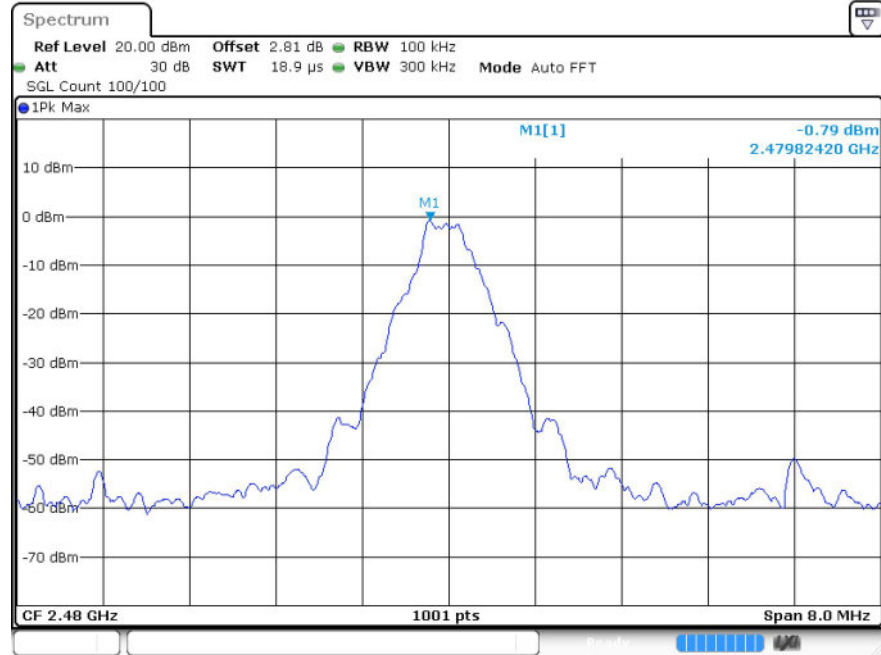
Ref



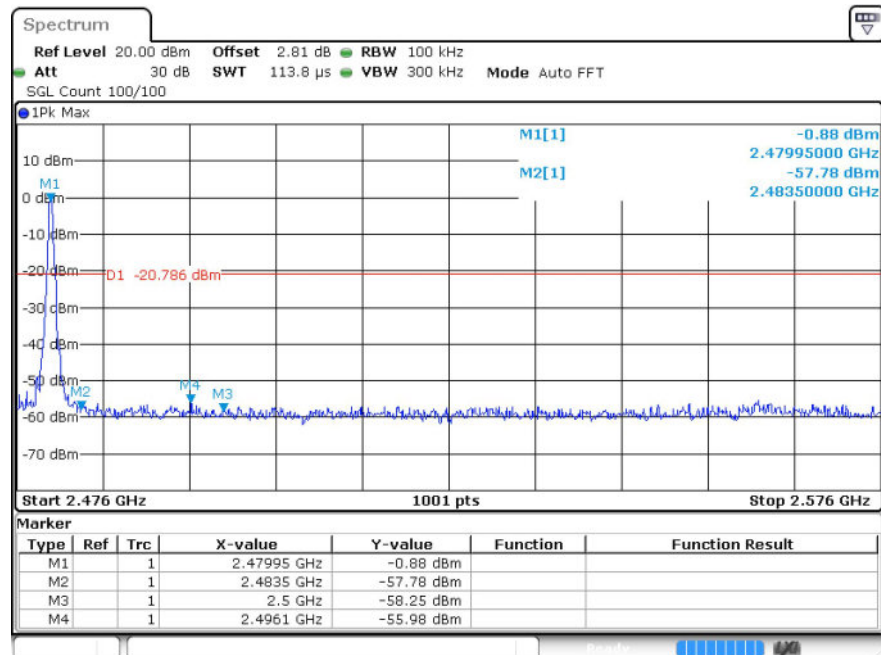
GFSK/LCH/Hop



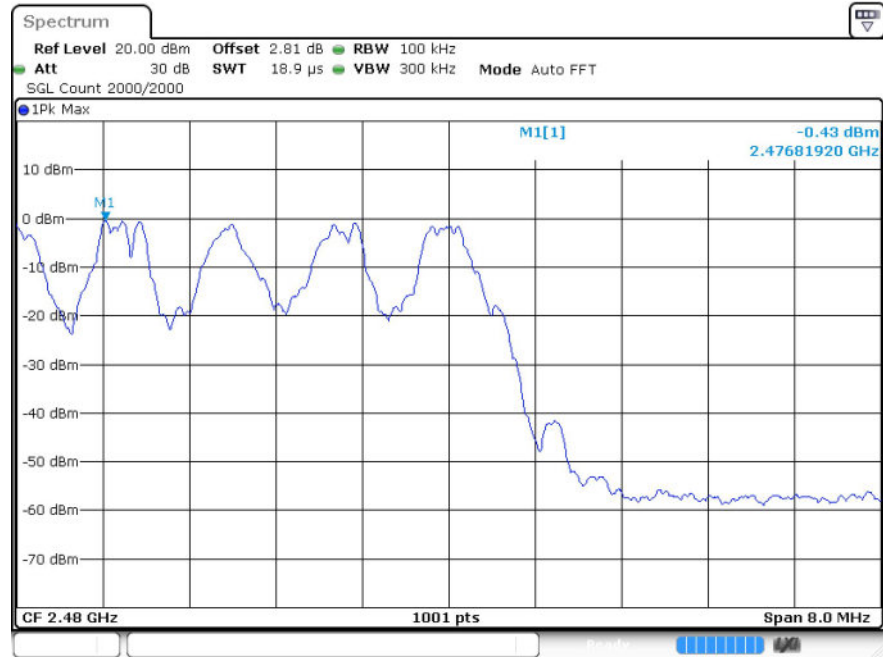
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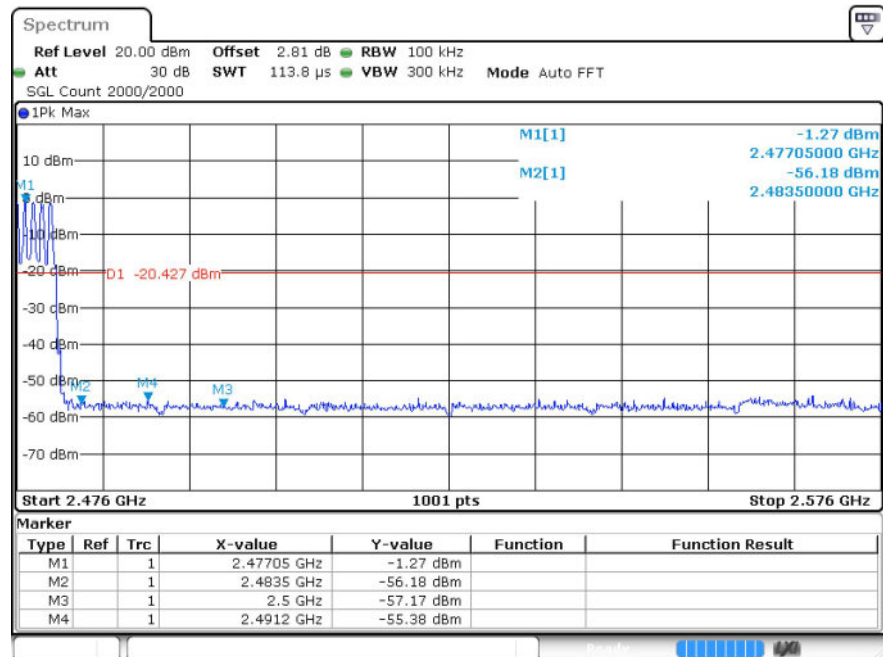
GFSK/HCH/No Hop



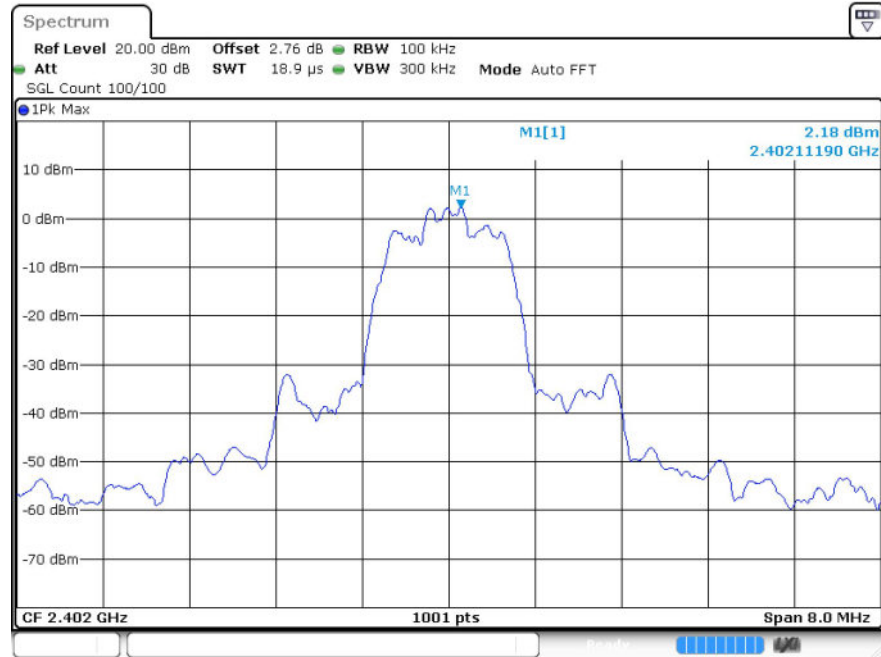
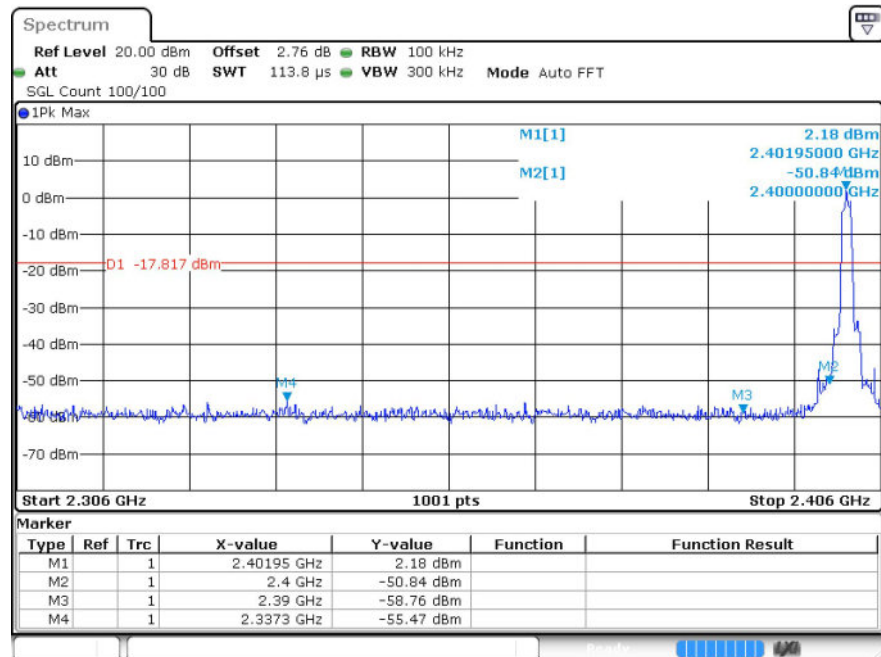
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GFSK/HCH/Hop



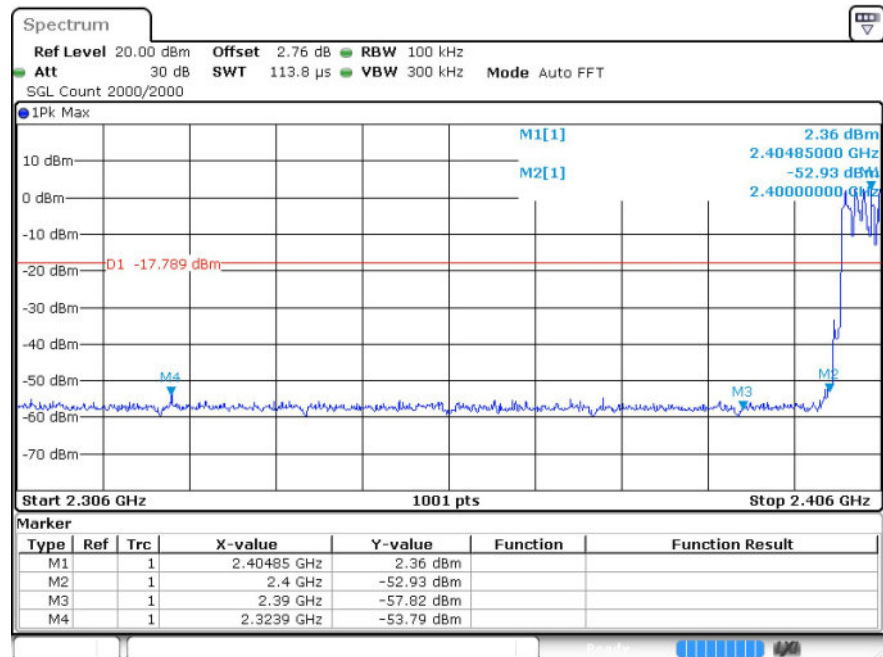
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 $\pi/4$ DQPSK/LCH/No Hop


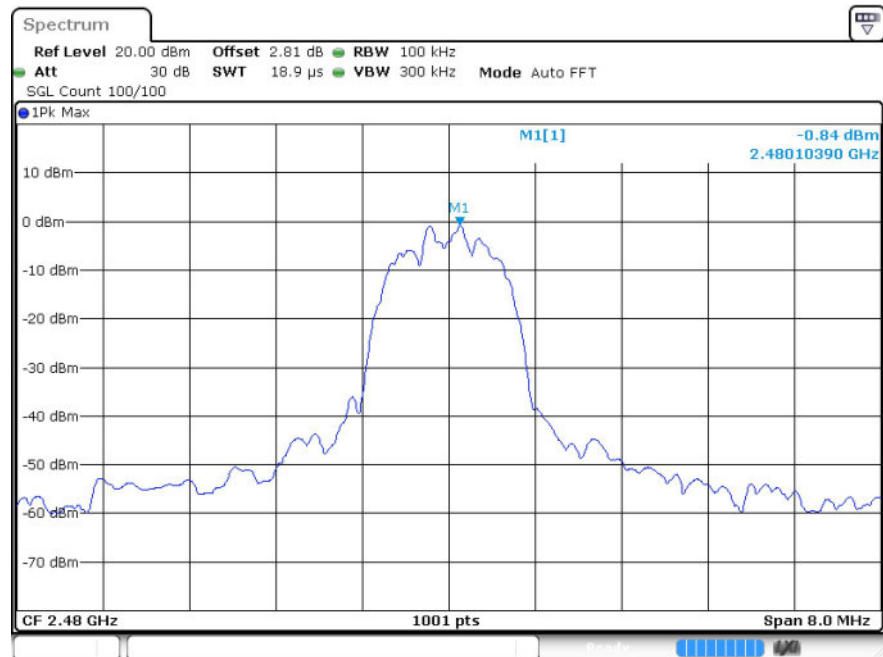
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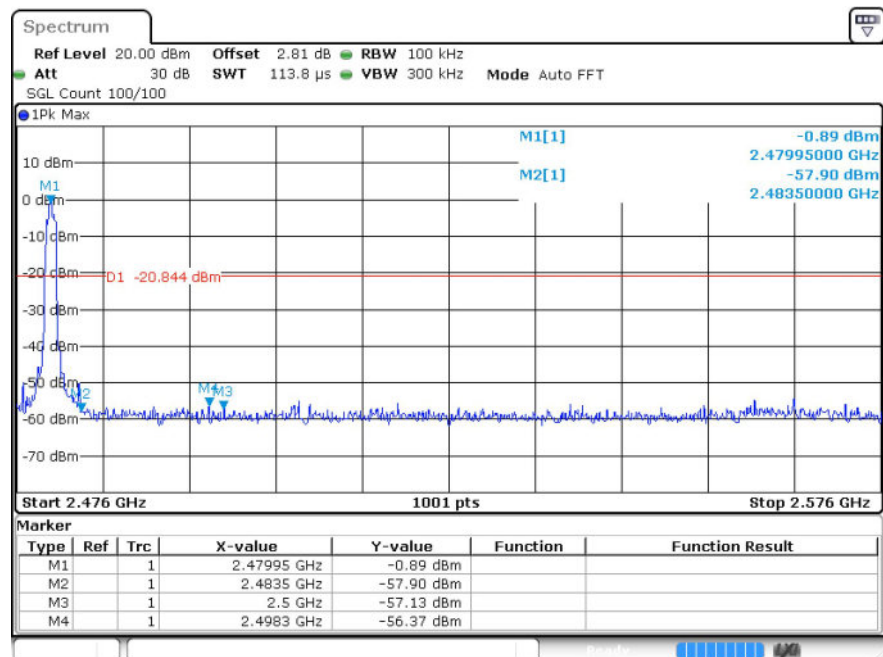
$\pi/4$ DQPSK/LCH/Hop



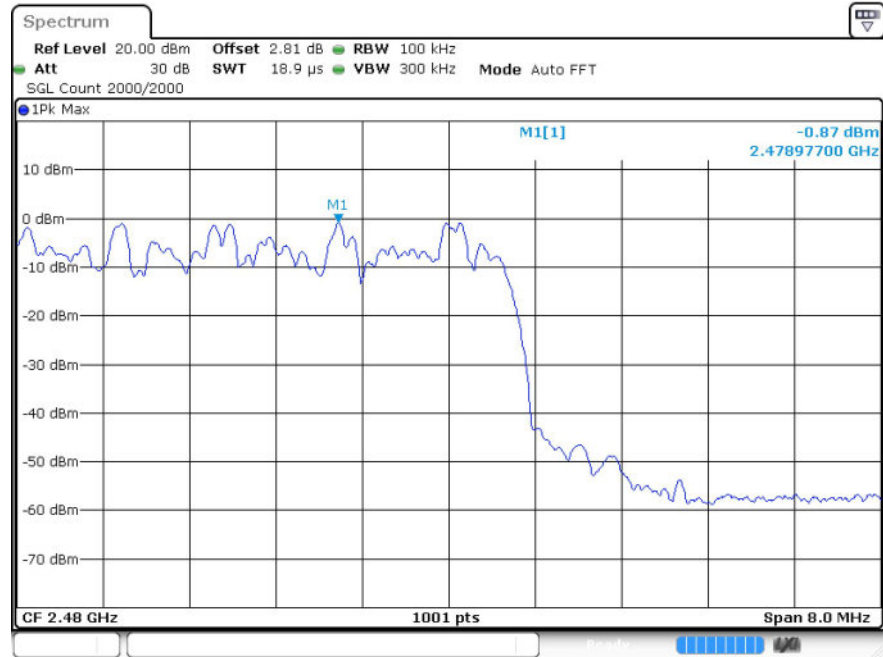
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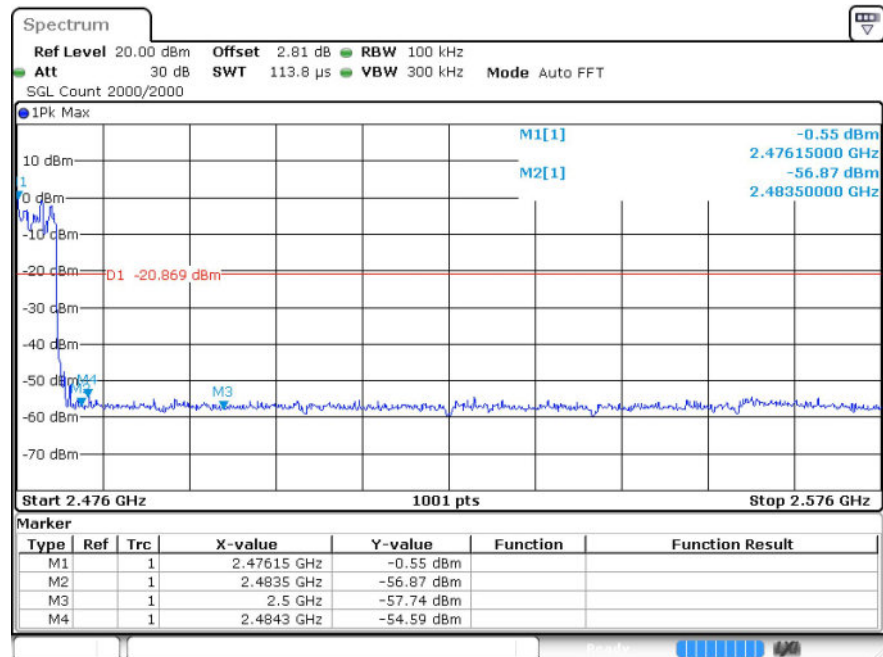
$\pi/4$ DQPSK/HCH/No
Hop



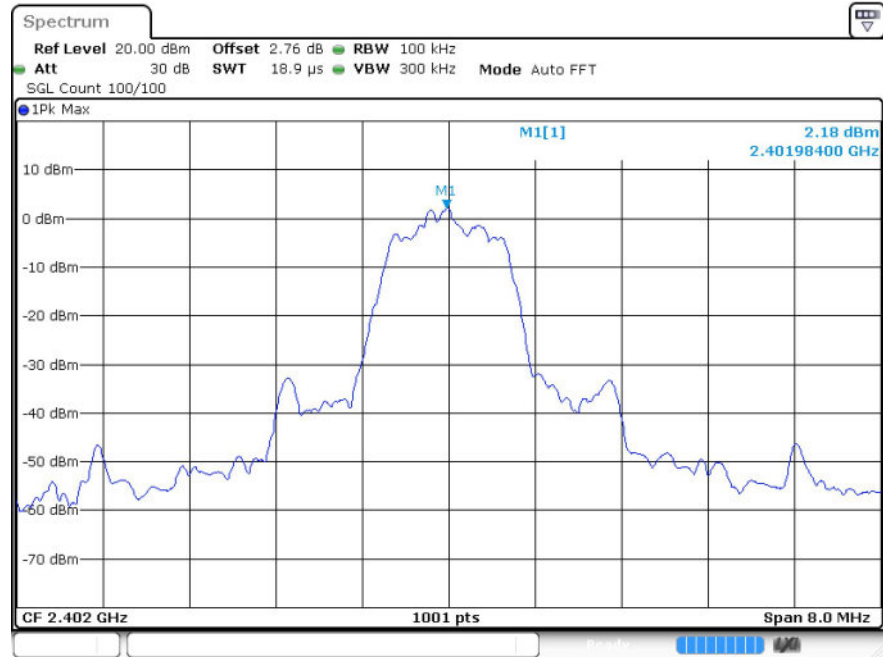
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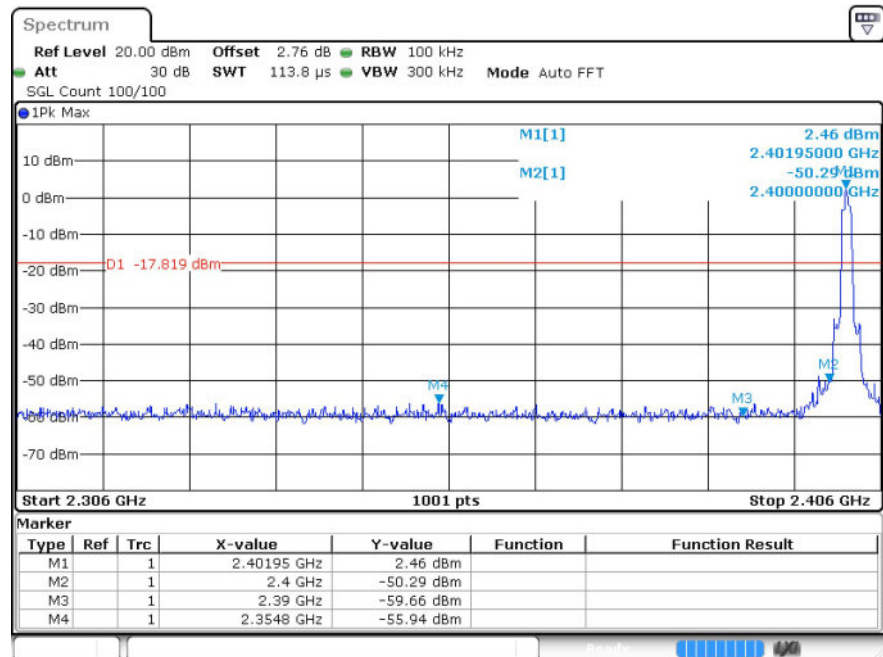
$\pi/4$ DQPSK/HCH/Hop



Ref



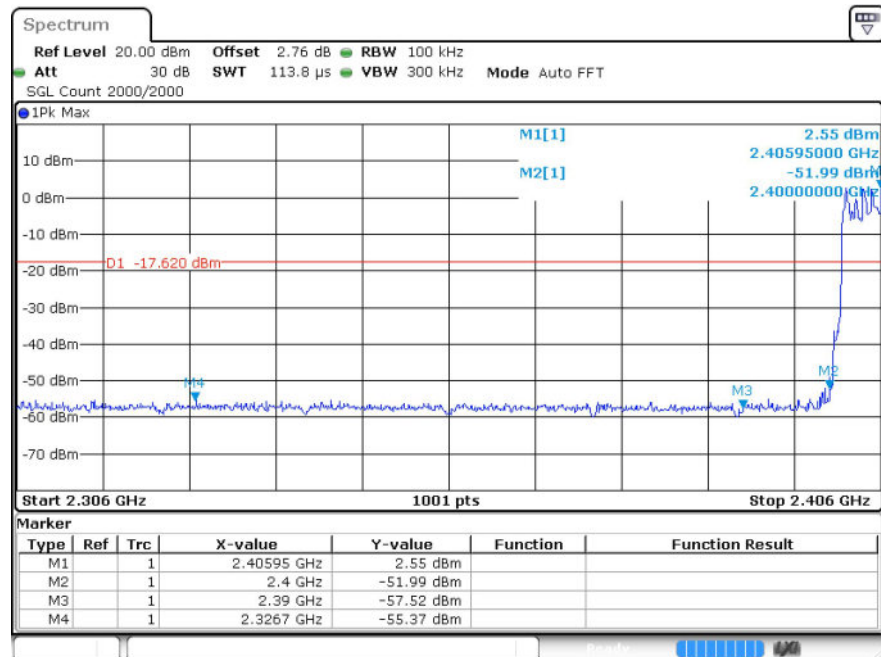
8DPSK/LCH/No Hop



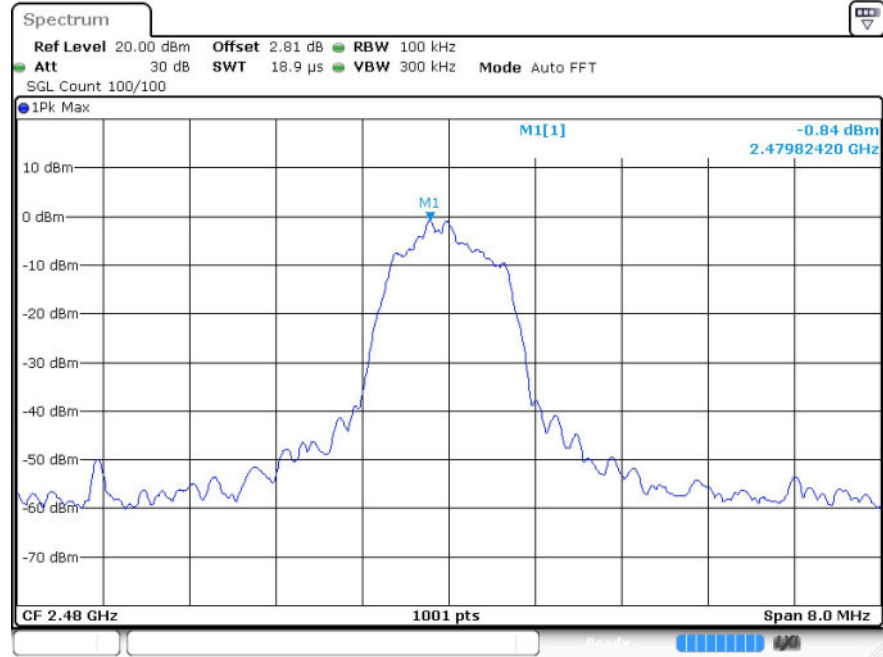
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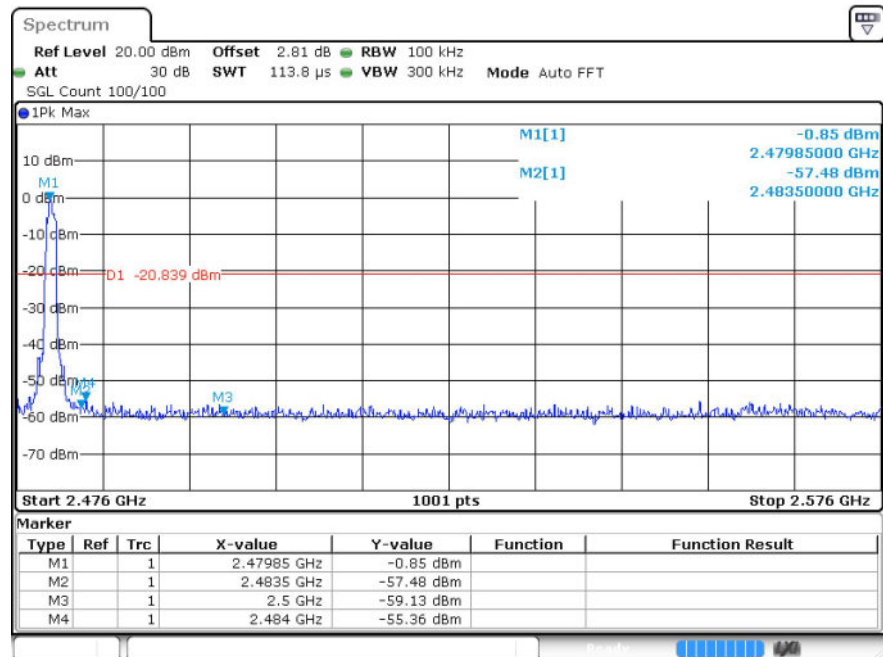
8DPSK/LCH/Hop



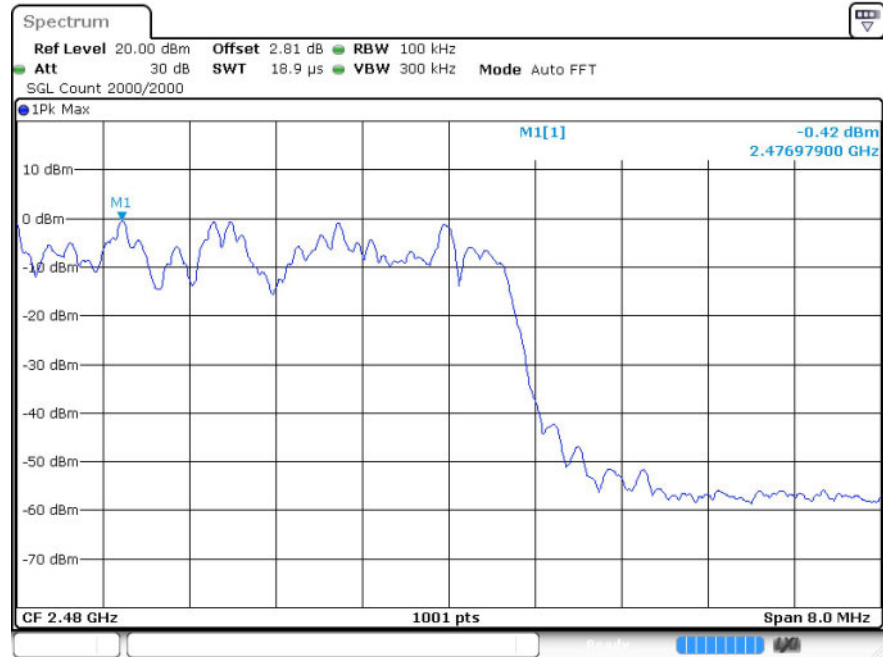
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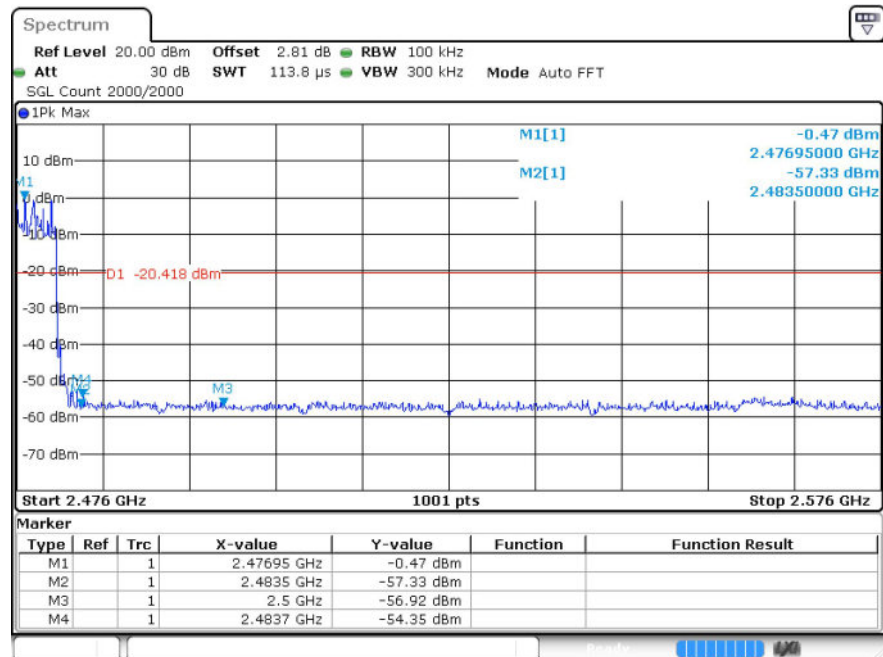
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

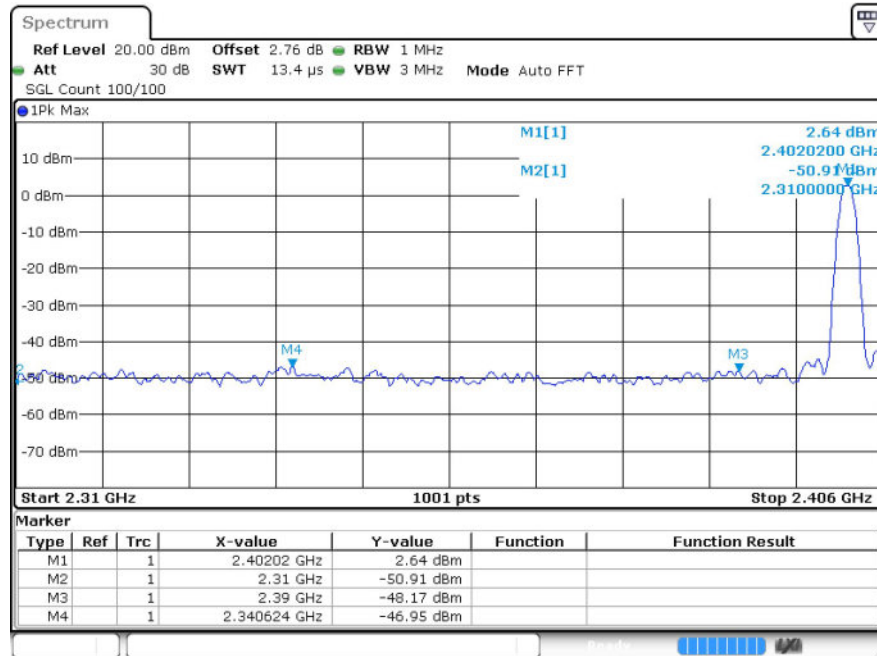
Test Mode	Hopping	Freq.	Power [dBm]	Gain (dBi)	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-50.91	-0.68	-	46.35	PEAK	74	Pass
	Off	2310.0	-56.52	-0.68	4.68	45.42	AV	54	Pass
	Off	2340.624	-46.95	-0.68	-	50.31	PEAK	74	Pass
	Off	2338.608	-53.81	-0.68	4.68	48.13	AV	54	Pass
	Off	2390.0	-48.17	-0.68	-	49.09	PEAK	74	Pass
	Off	2390.0	-56.66	-0.68	4.68	45.28	AV	54	Pass
	Off	2483.5	-47.32	-0.68	-	49.94	PEAK	74	Pass
	Off	2483.5	-55.08	-0.68	4.74	46.92	AV	54	Pass
	Off	2499.376	-46.28	-0.68	-	50.98	PEAK	74	Pass
	Off	2483.512	-55.08	-0.68	4.74	46.92	AV	54	Pass
	Off	2500.0	-49.04	-0.68	-	48.22	PEAK	74	Pass
	Off	2500.0	-55.65	-0.68	4.74	46.35	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-47.84	-0.68	-	49.42	PEAK	74	Pass
	Off	2310.0	-56.49	-0.68	4.63	45.4	AV	54	Pass
	Off	2340.912	-44.84	-0.68	-	52.42	PEAK	74	Pass
	Off	2337.936	-54.67	-0.68	4.63	47.22	AV	54	Pass
	Off	2390.0	-49.45	-0.68	-	47.81	PEAK	74	Pass
	Off	2390.0	-56.58	-0.68	4.63	45.31	AV	54	Pass
	Off	2483.5	-48.12	-0.68	-	49.14	PEAK	74	Pass
	Off	2483.5	-55.5	-0.68	4.54	46.3	AV	54	Pass
	Off	2483.824	-47.21	-0.68	-	50.05	PEAK	74	Pass
	Off	2483.512	-55.53	-0.68	4.54	46.27	AV	54	Pass
	Off	2500.0	-48.2	-0.68	-	49.06	PEAK	74	Pass
	Off	2500.0	-56.46	-0.68	4.54	45.34	AV	54	Pass
8DPSK	Off	2310.0	-48.06	-0.68	-	49.2	PEAK	74	Pass
	Off	2310.0	-56.59	-0.68	4.63	45.3	AV	54	Pass
	Off	2366.736	-45.54	-0.68	-	51.72	PEAK	74	Pass
	Off	2340.528	-54.49	-0.68	4.63	47.4	AV	54	Pass



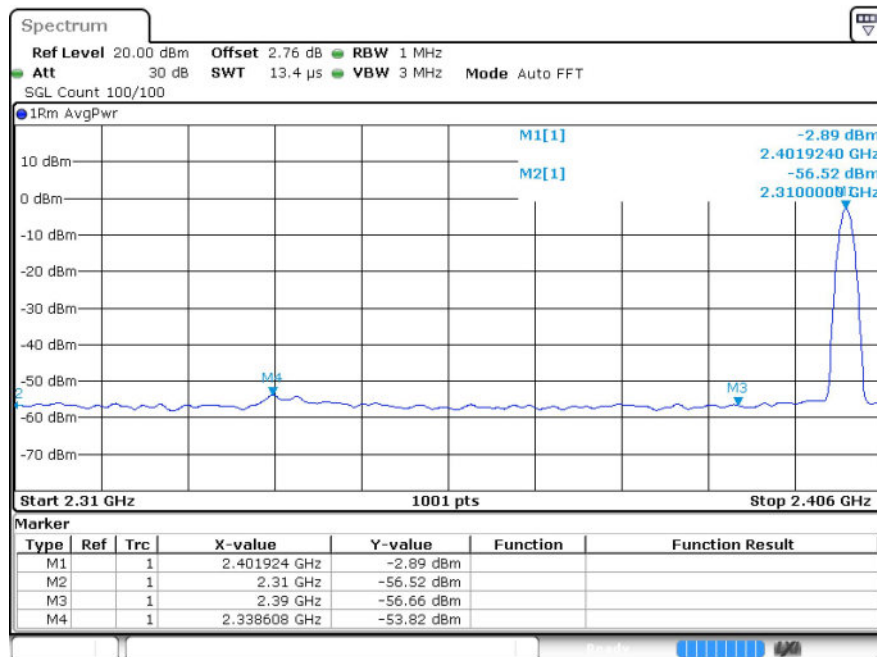
Off	2390.0	-50.31	-0.68	-	46.95	PEAK	74	Pass
Off	2390.0	-56.8	-0.68	4.63	45.09	AV	54	Pass
Off	2483.5	-48.73	-0.68	-	48.53	PEAK	74	Pass
Off	2483.5	-55.97	-0.68	4.63	45.92	AV	54	Pass
Off	2497.6	-45.9	-0.68	-	51.36	PEAK	74	Pass
Off	2485.6	-55.62	-0.68	4.63	46.27	AV	54	Pass
Off	2500.0	-49.07	-0.68	-	48.19	PEAK	74	Pass
Off	2500.0	-56.2	-0.68	4.63	45.69	AV	54	Pass

9.2 Test Graphs

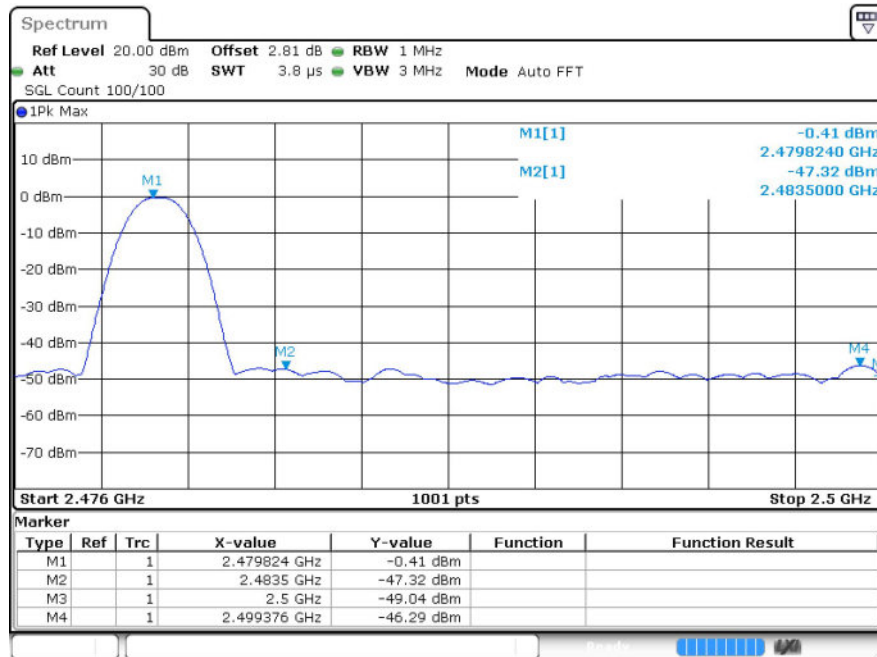
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



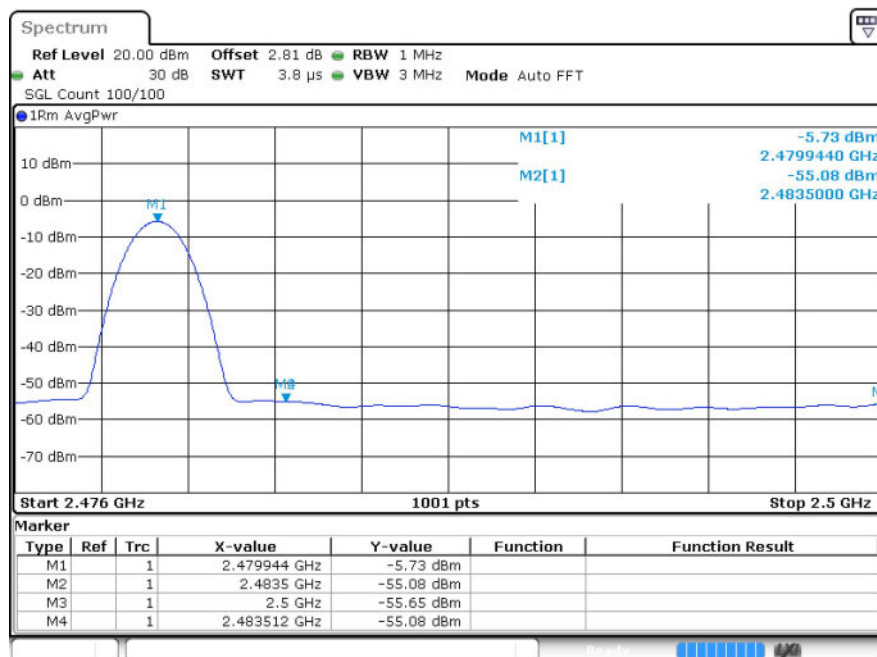
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



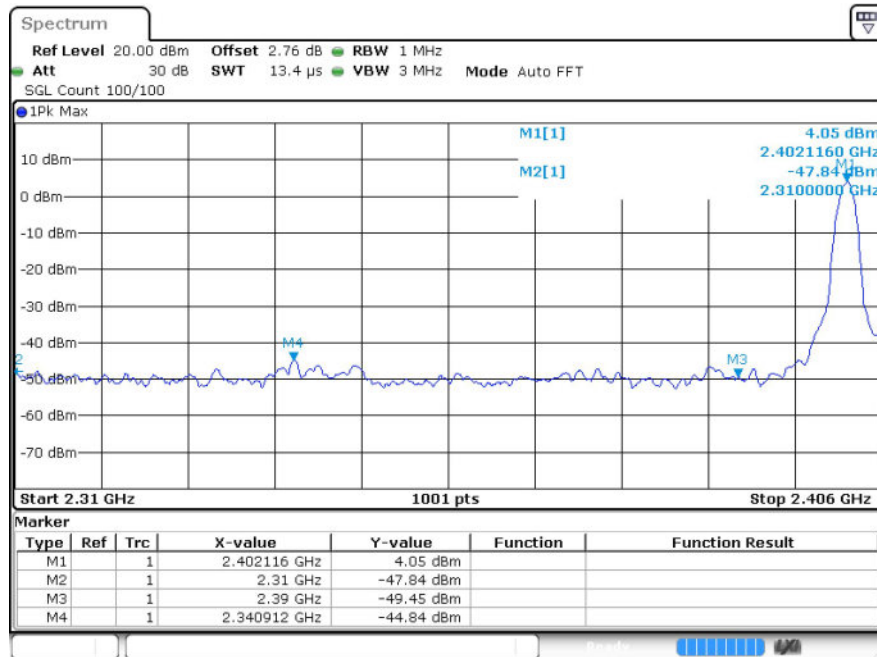
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



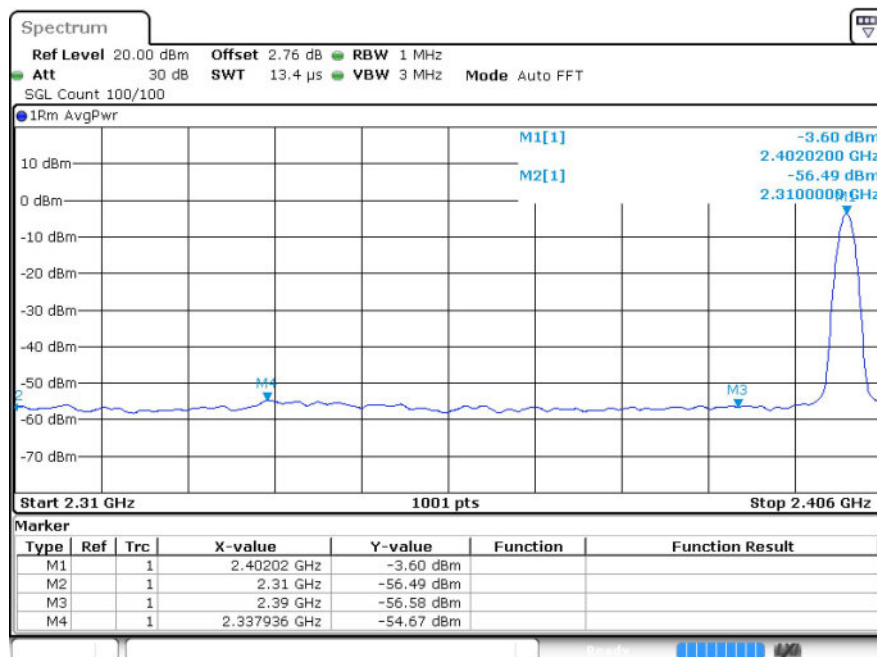
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



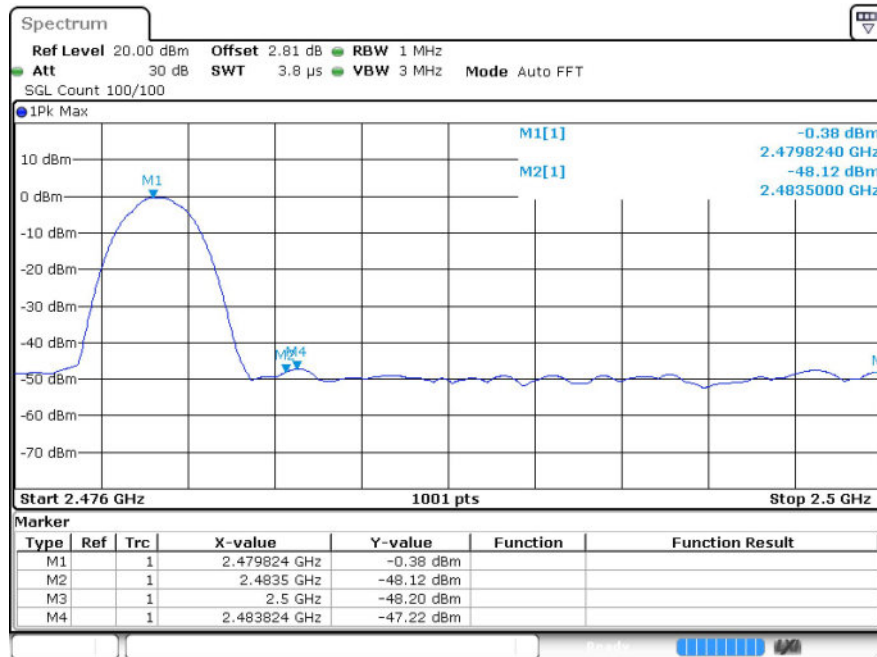
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



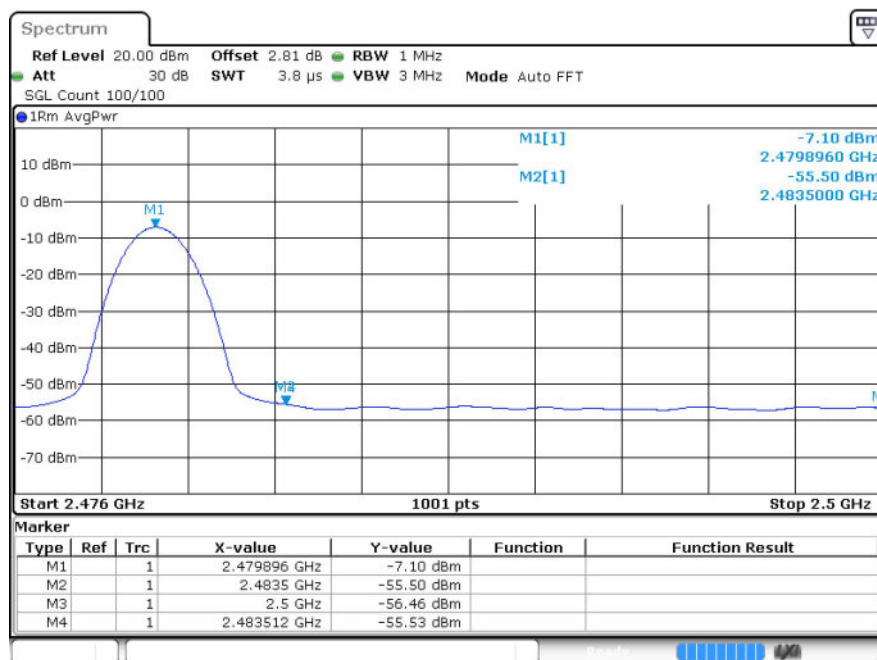
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



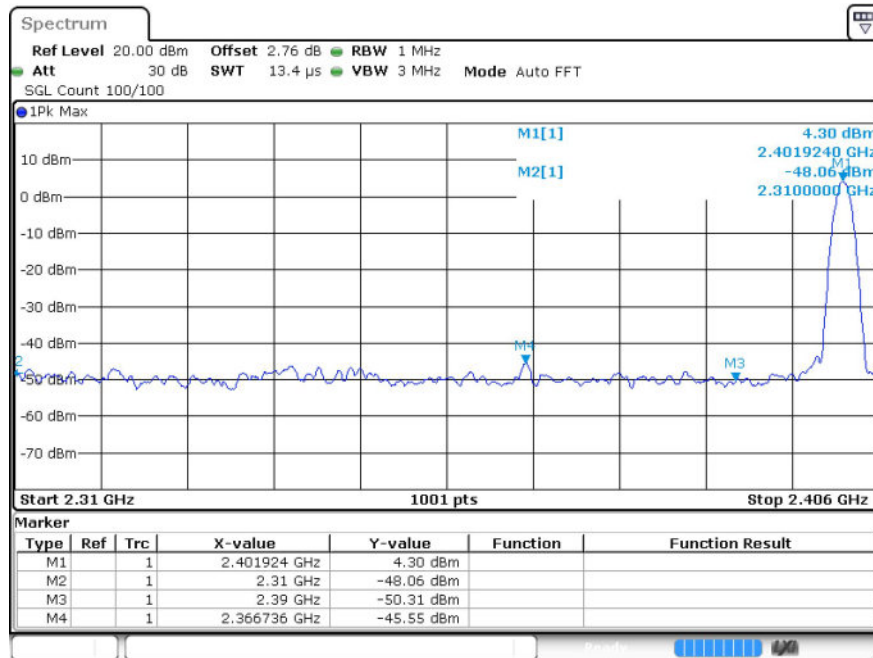
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



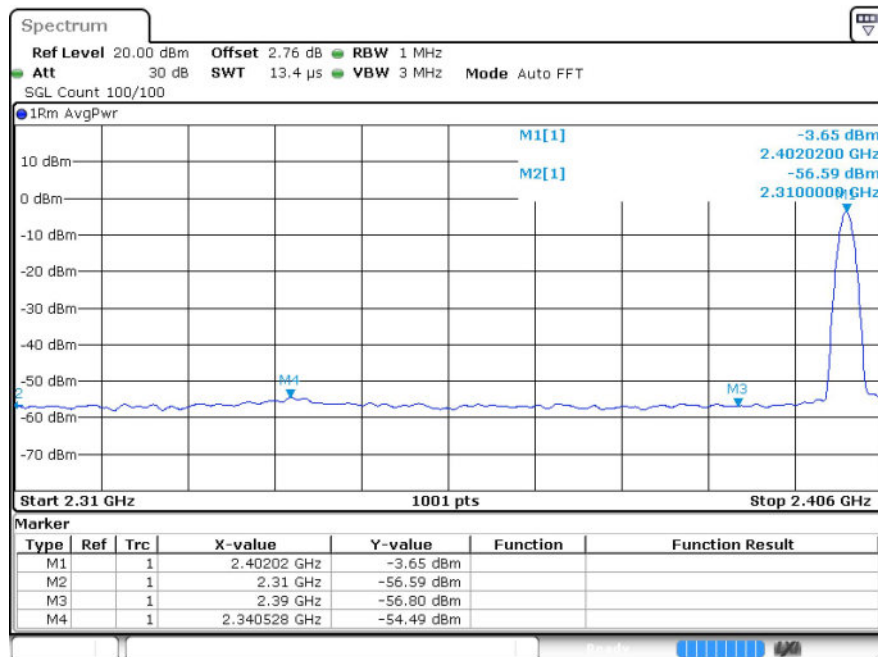
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



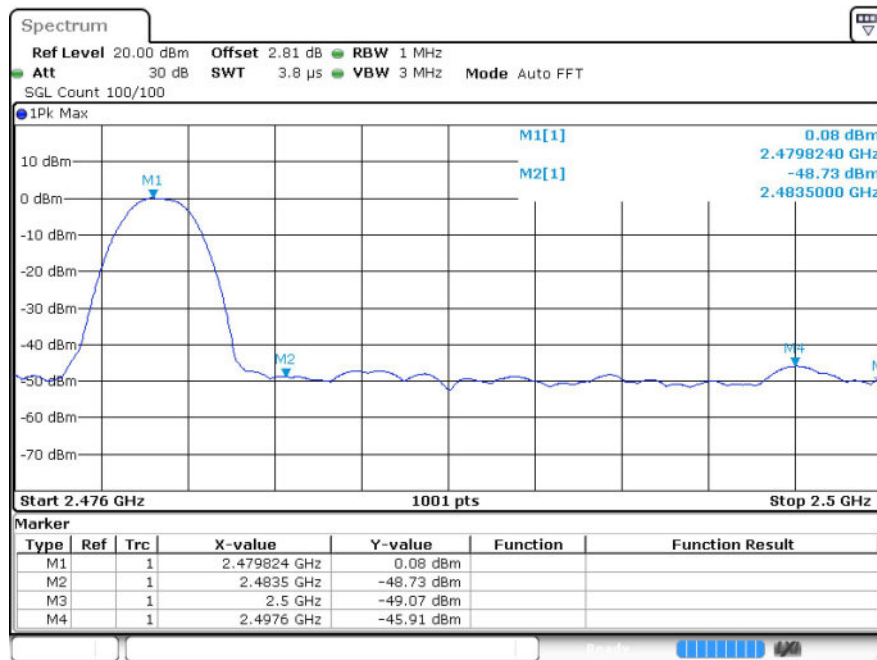
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



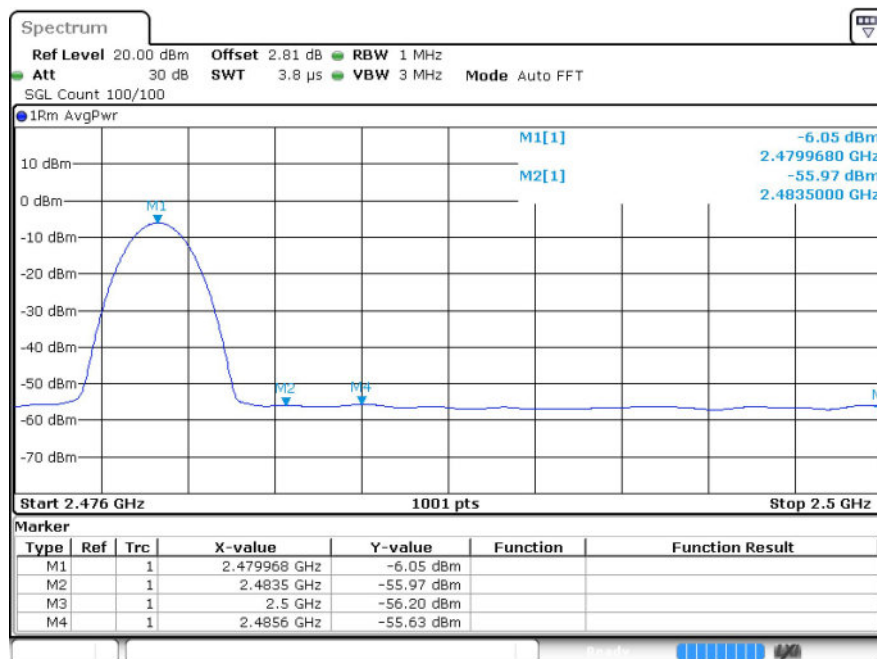
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---