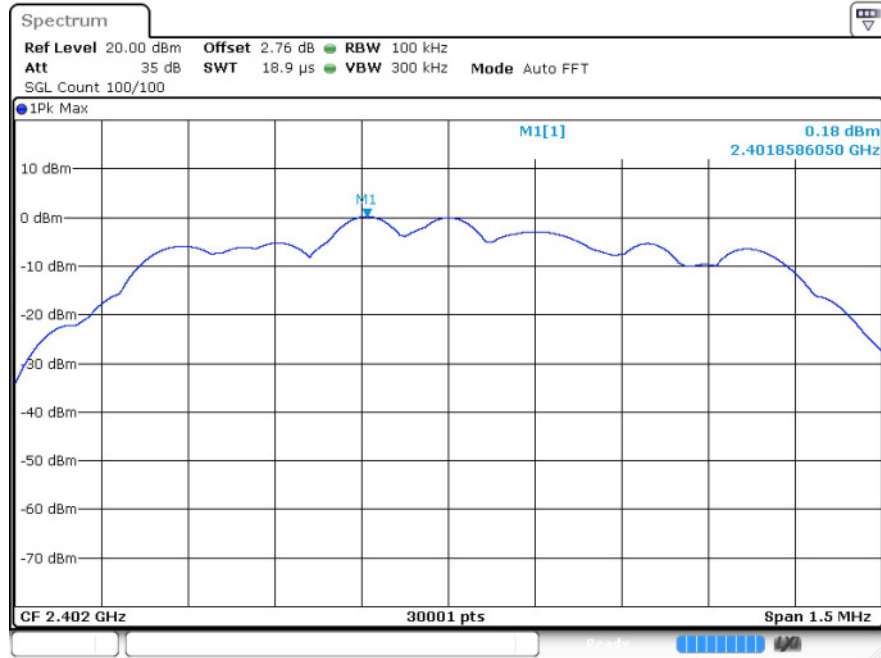
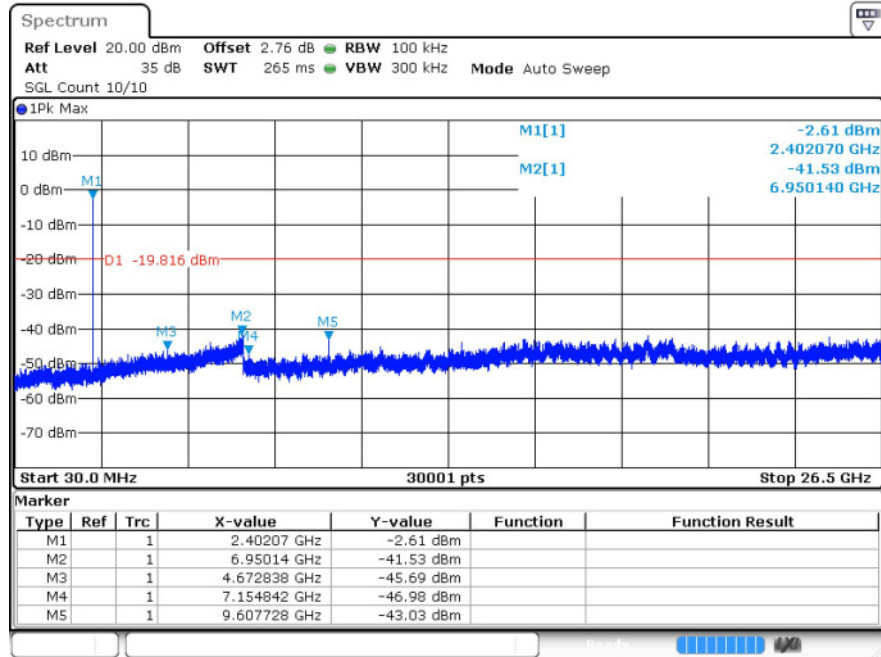


8DPSK_LCH_Graphs

Pref

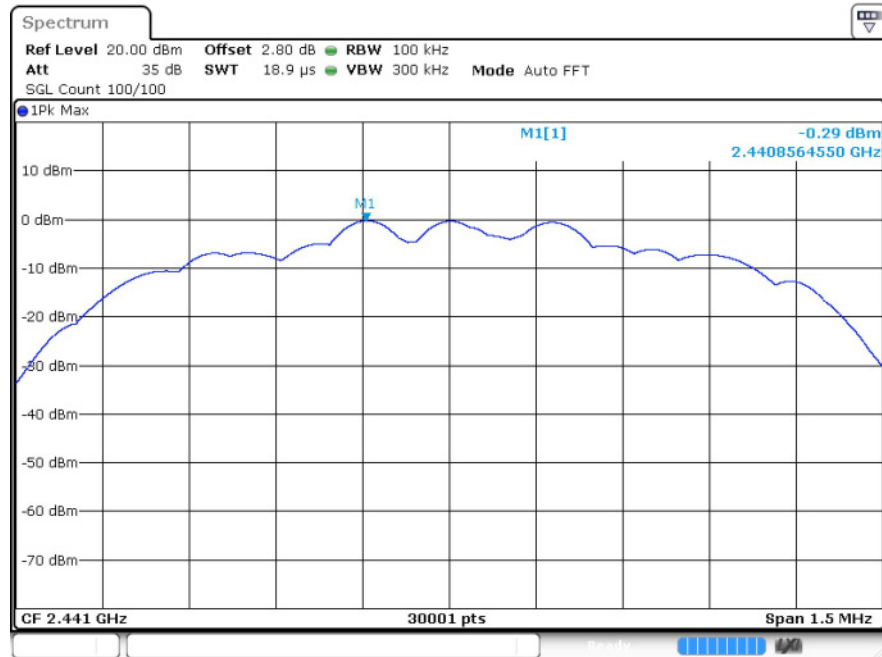


Puw

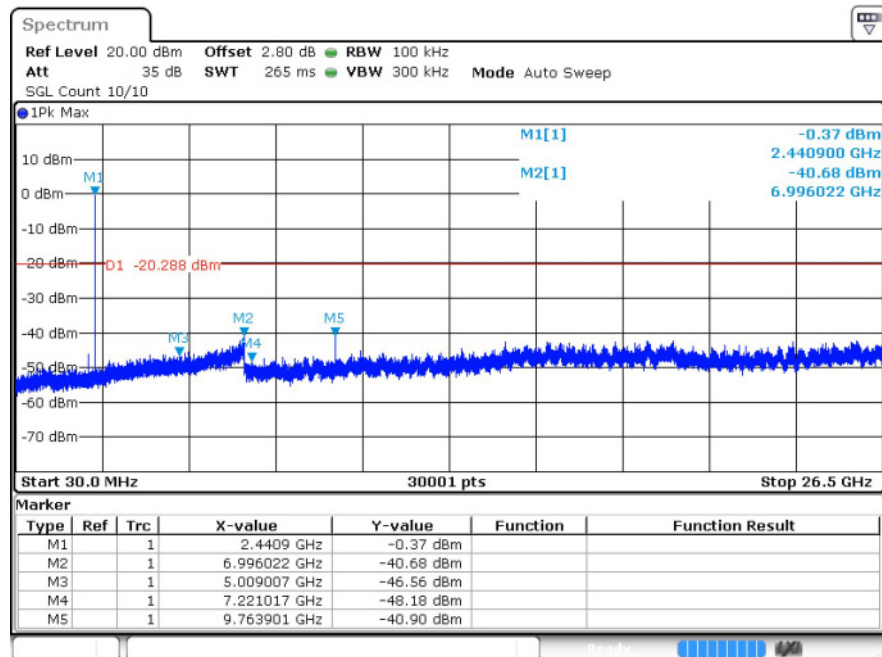


8DPSK_MCH_Graphs

Pref

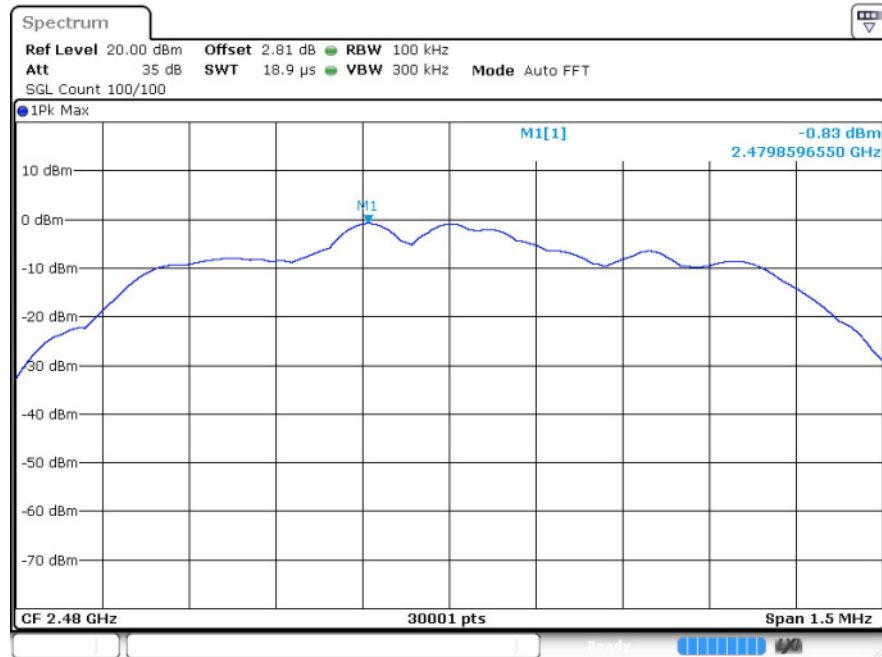


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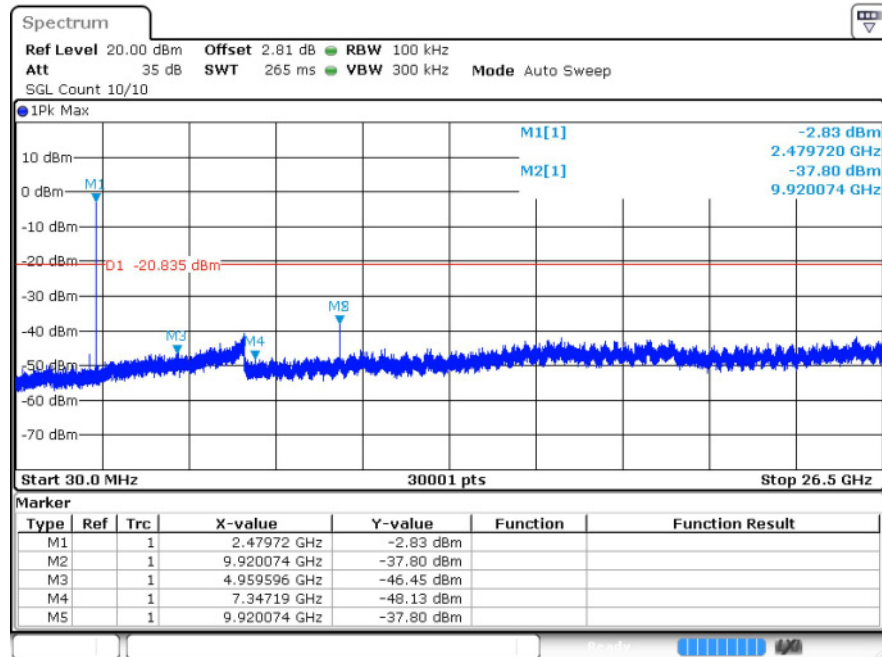


8DPSK_HCH_Graphs

Pref



Puw

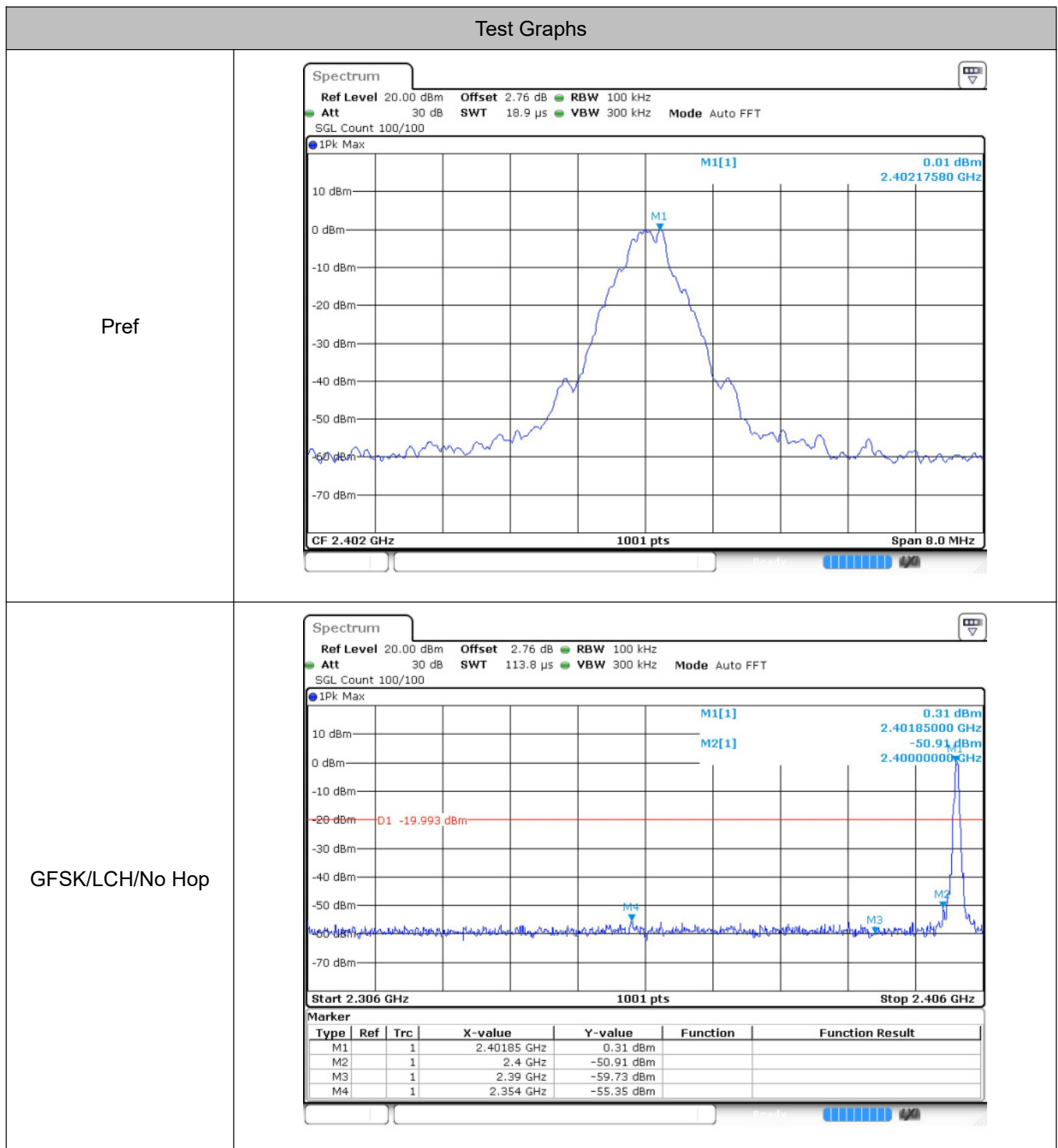


8 Band-edge for RF Conducted Emissions

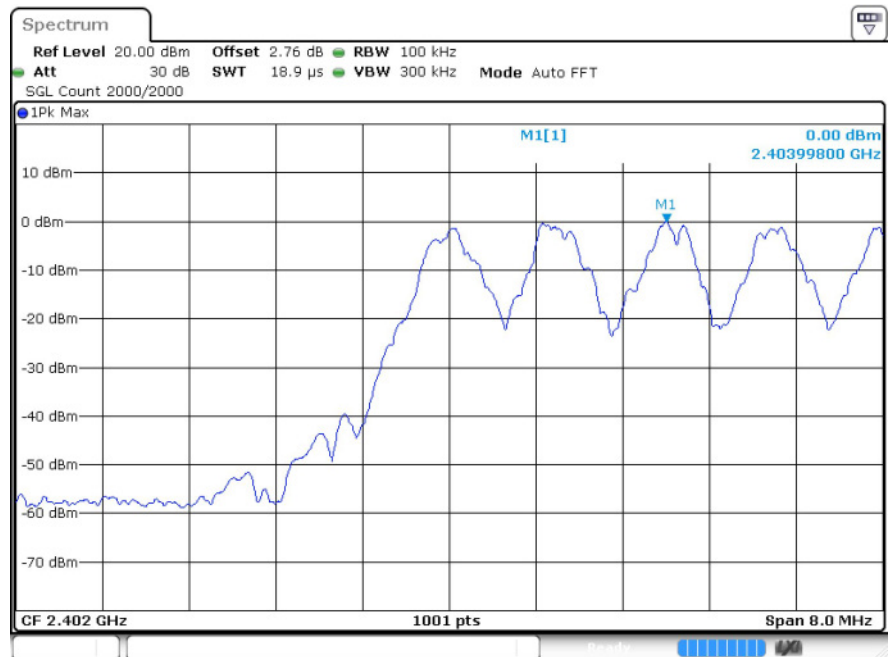
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-55.35	-20	Pass
			On	-54.66	-20	Pass
	HCH	2480	Off	-56.07	-20	Pass
			On	-53.49	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-55.76	-20	Pass
			On	-54.67	-20	Pass
	HCH	2480	Off	-54.55	-20	Pass
			On	-53.62	-20	Pass
8DPSK	LCH	2402	Off	-55.61	-20	Pass
			On	-55.17	-20	Pass
	HCH	2480	Off	-55.43	-20	Pass
			On	-53.89	-20	Pass

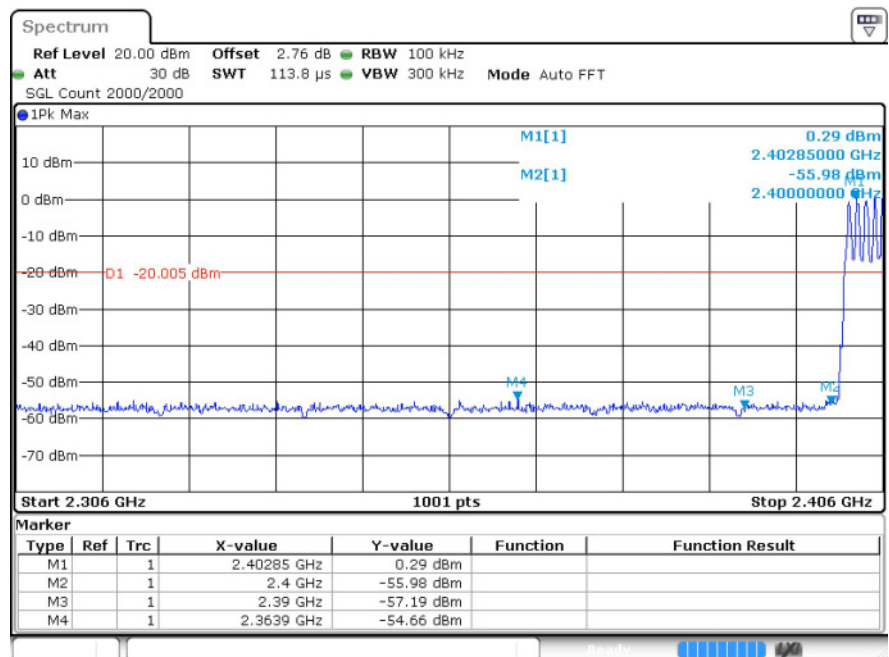
8.2 Test Graphs



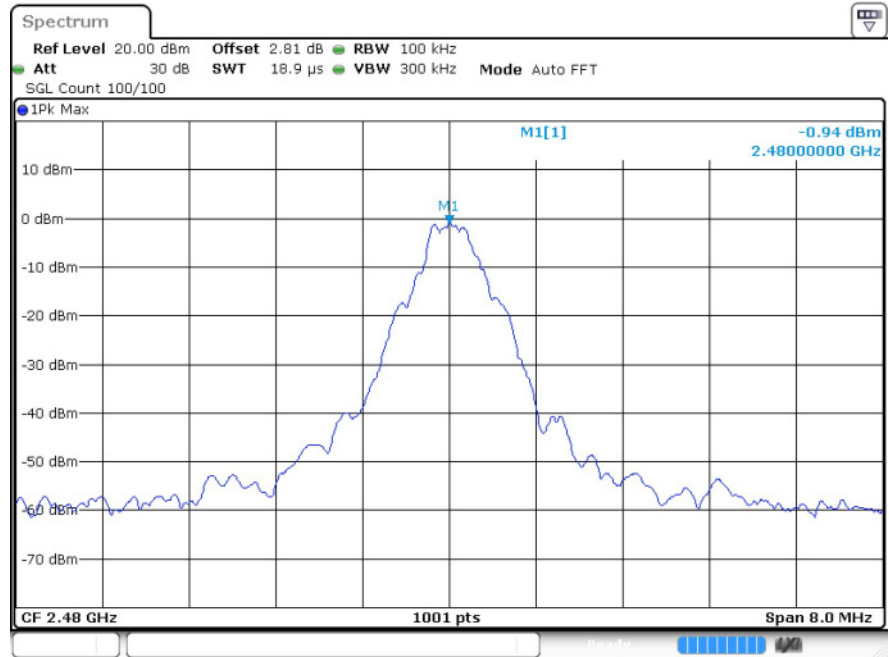
Ref



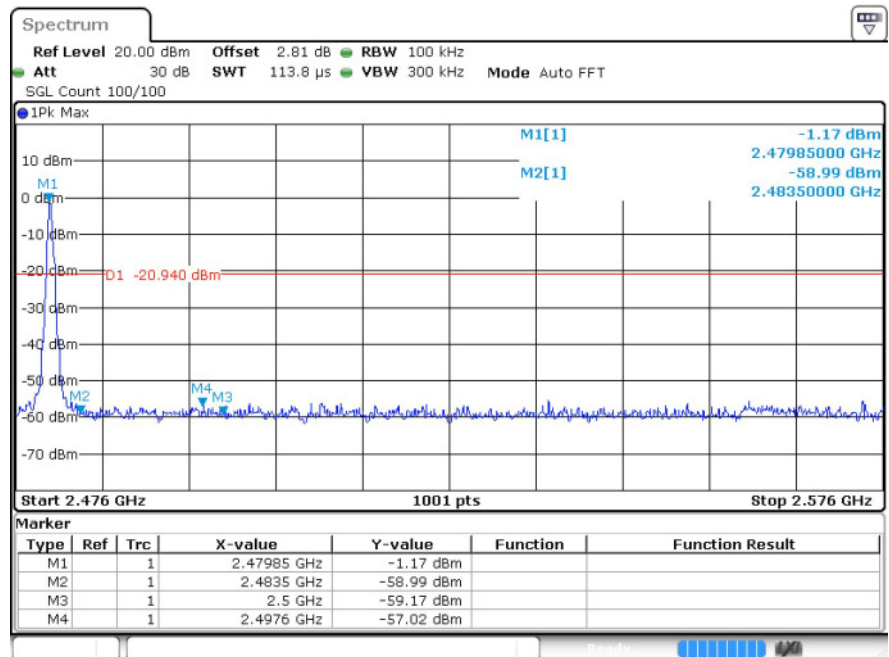
GFSK/LCH/Hop



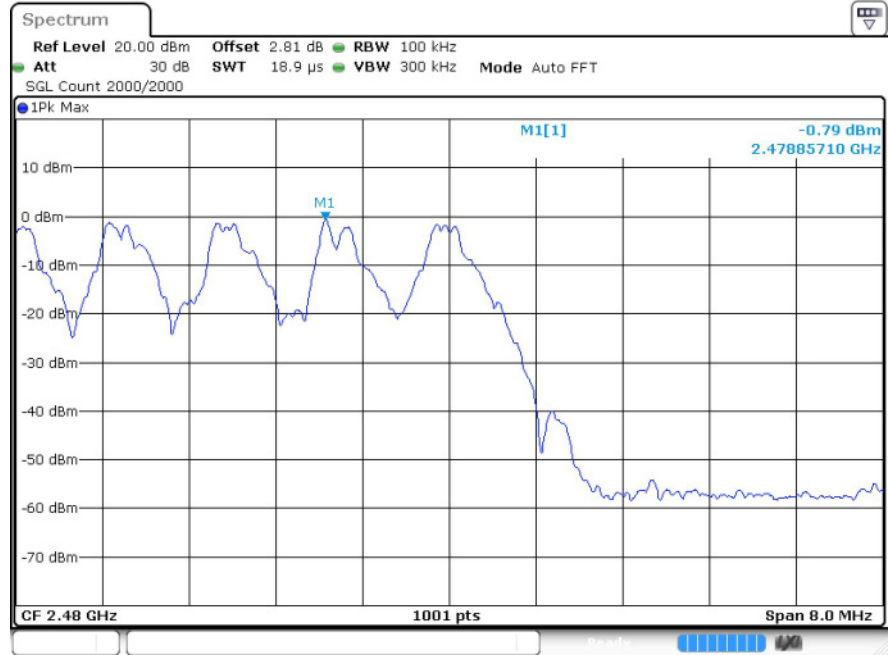
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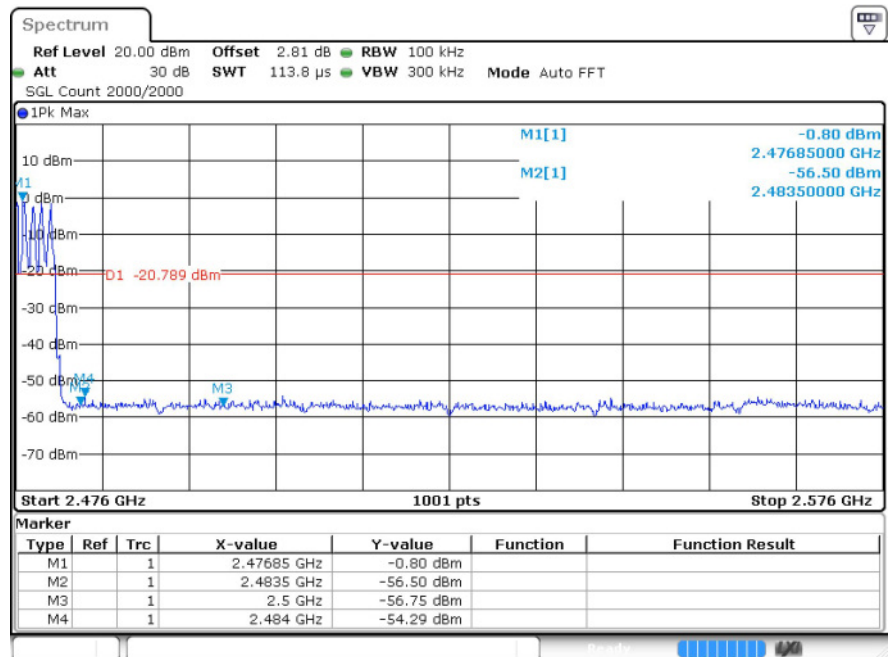
GFSK/HCH/No Hop



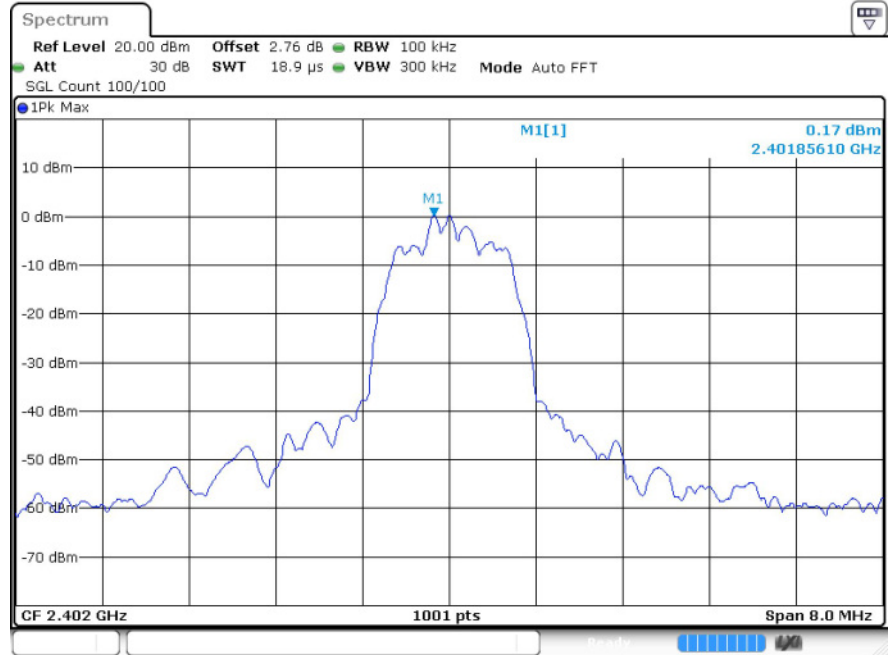
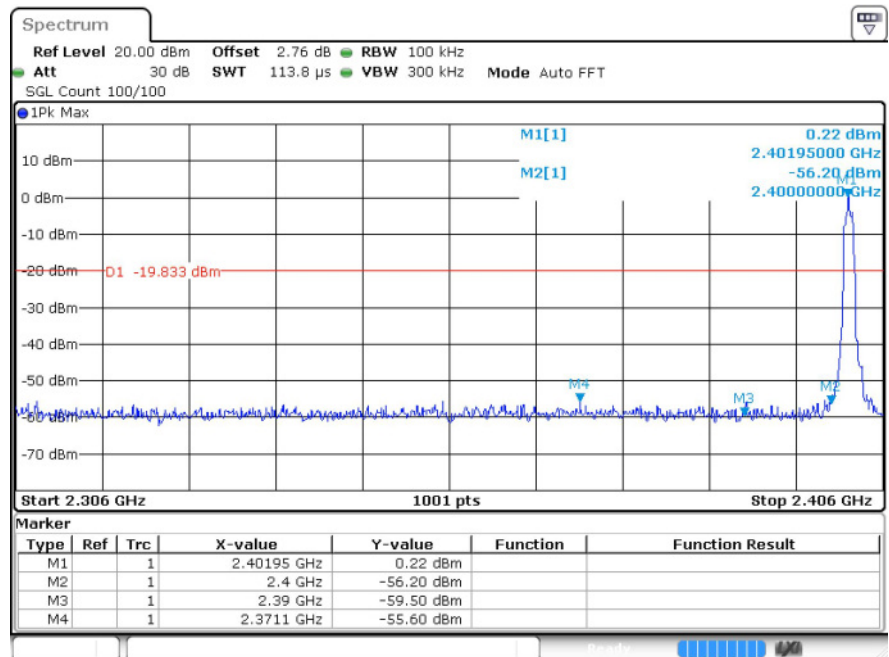
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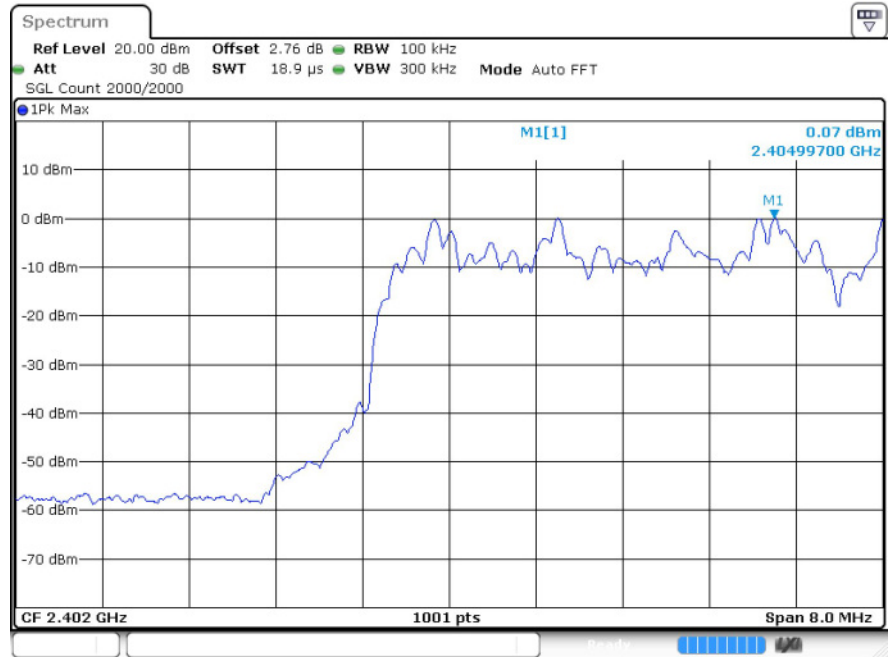
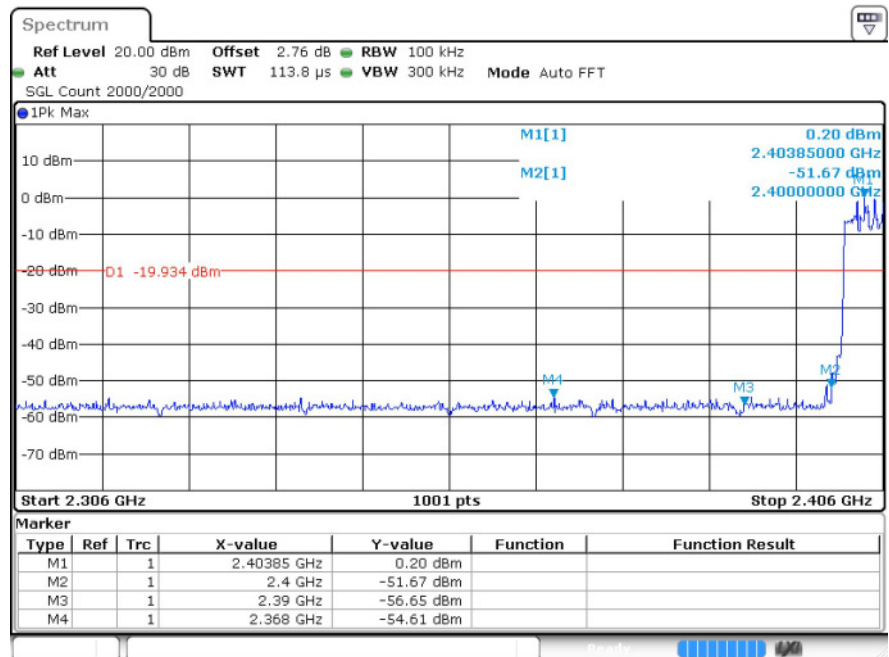
GFSK/HCH/Hop



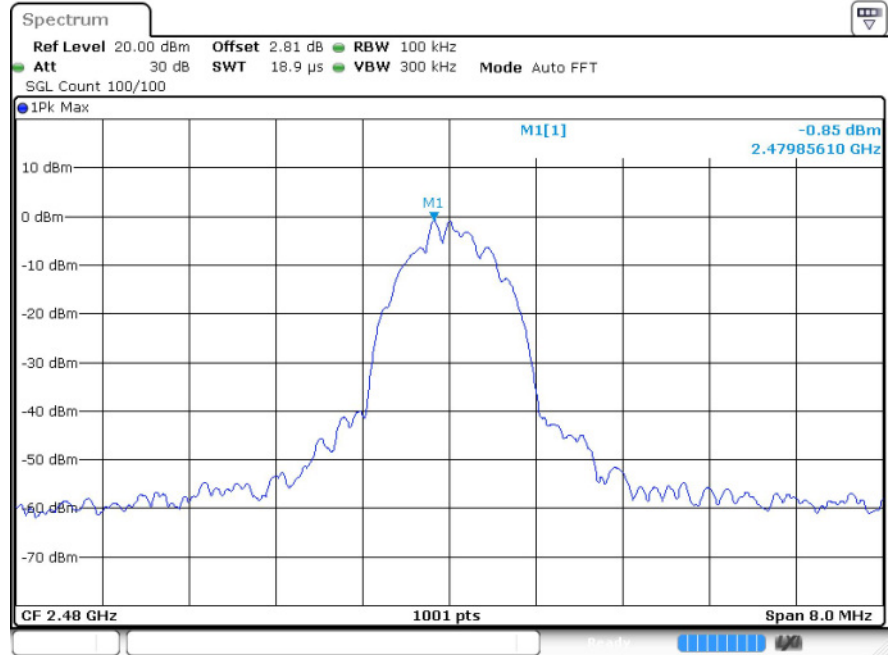
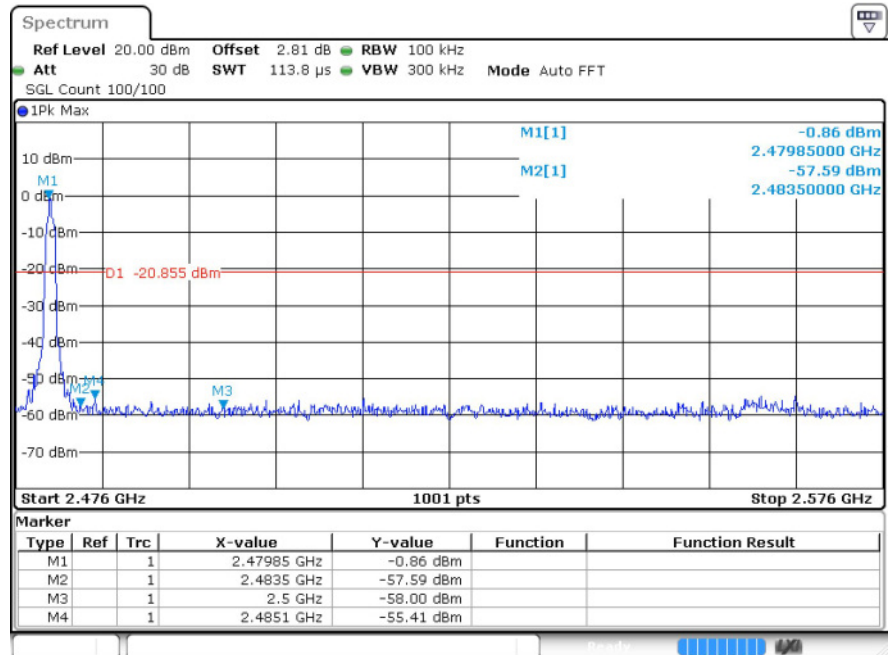
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 $\pi/4$ DQPSK/LCH/No Hop


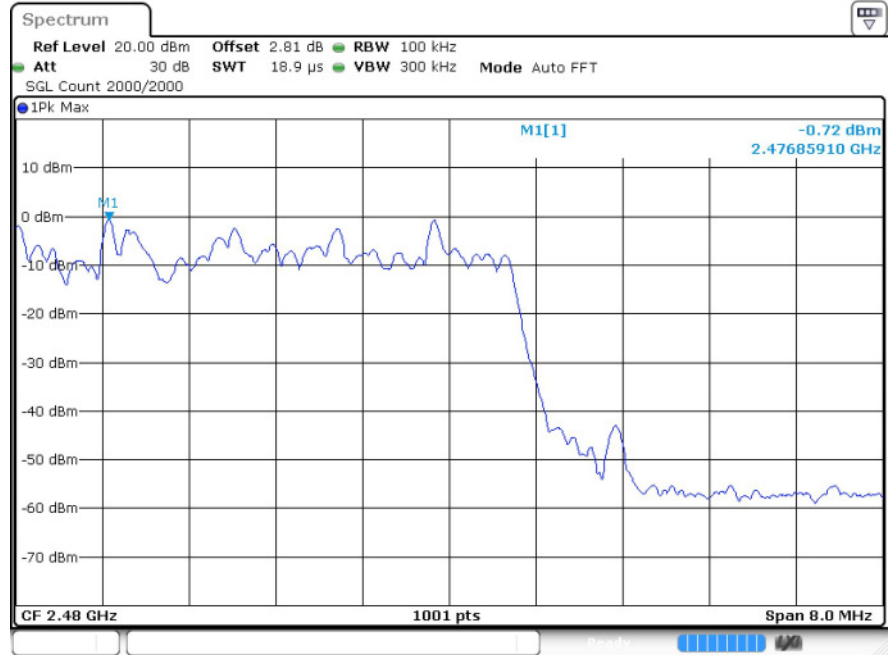
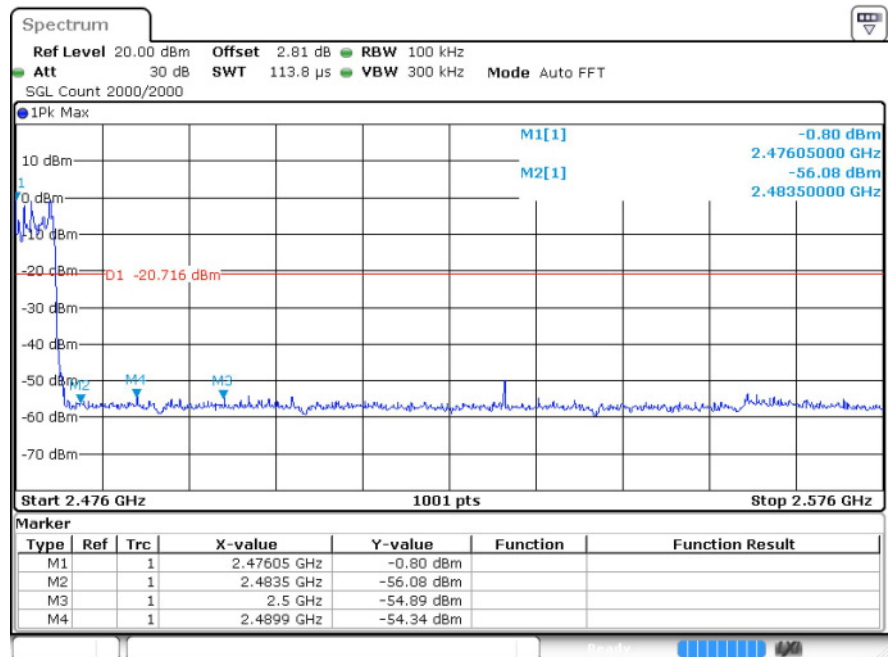
Ref


 $\pi/4$ DQPSK/LCH/Hop


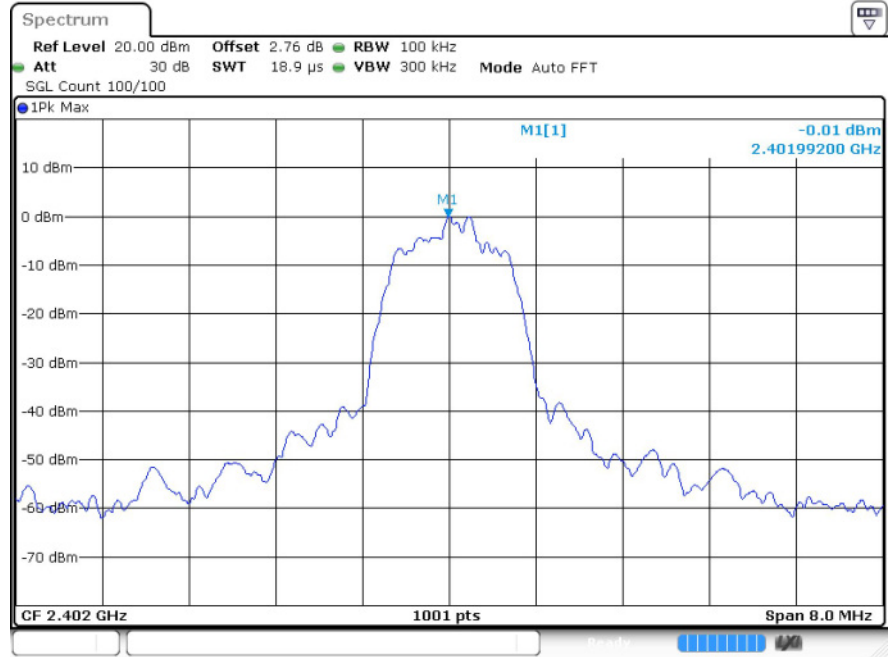
Ref


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


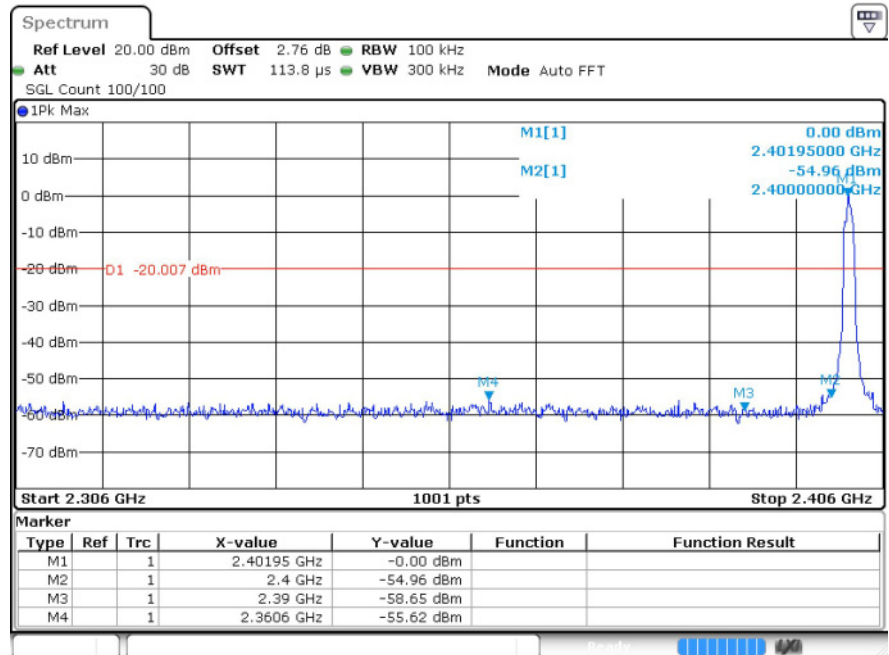
Ref


 $\pi/4$ DQPSK/HCH/Hop


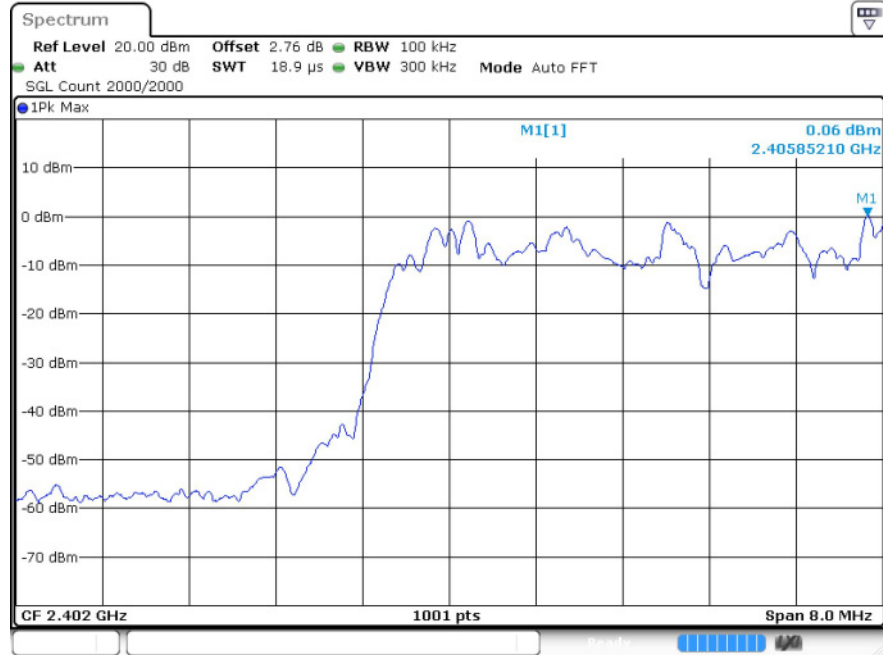
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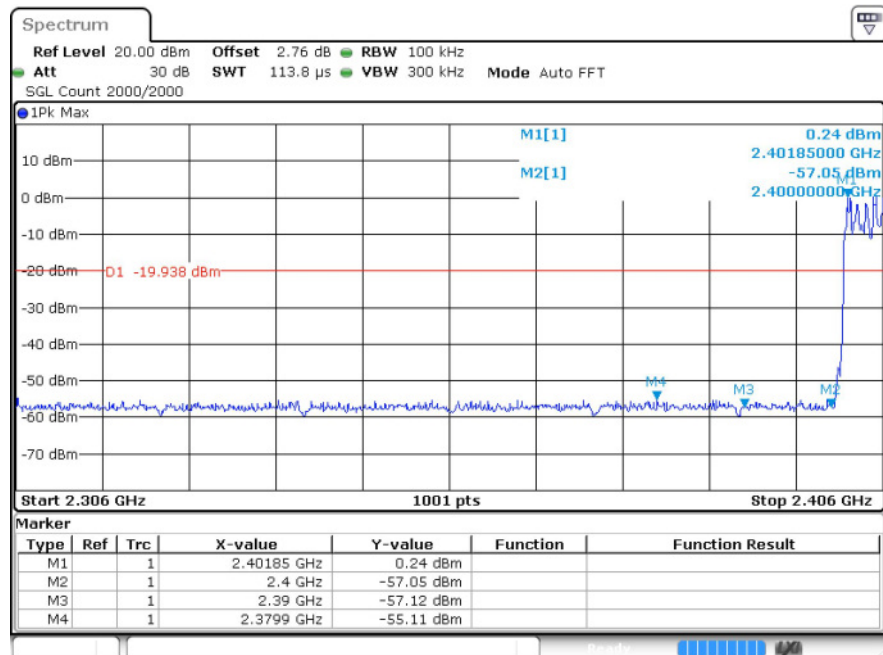
8DPSK/LCH/No Hop



Ref



8DPSK/LCH/Hop



Spectrum

Ref Level 20.00 dBm Offset 2.81 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SQL Count 100/100

1Pk Max

M1[1] -0.84 dBm
2.47985610 GHz

CF 2.48 GHz 1001 pts Span 8.0 MHz

Spectrum

Ref Level 20.00 dBm Offset 2.81 dB RBW 100 kHz
 Att 30 dB SWT 113.8 μ s VBW 300 kHz Mode Auto FFT
 SGL Count 100/100

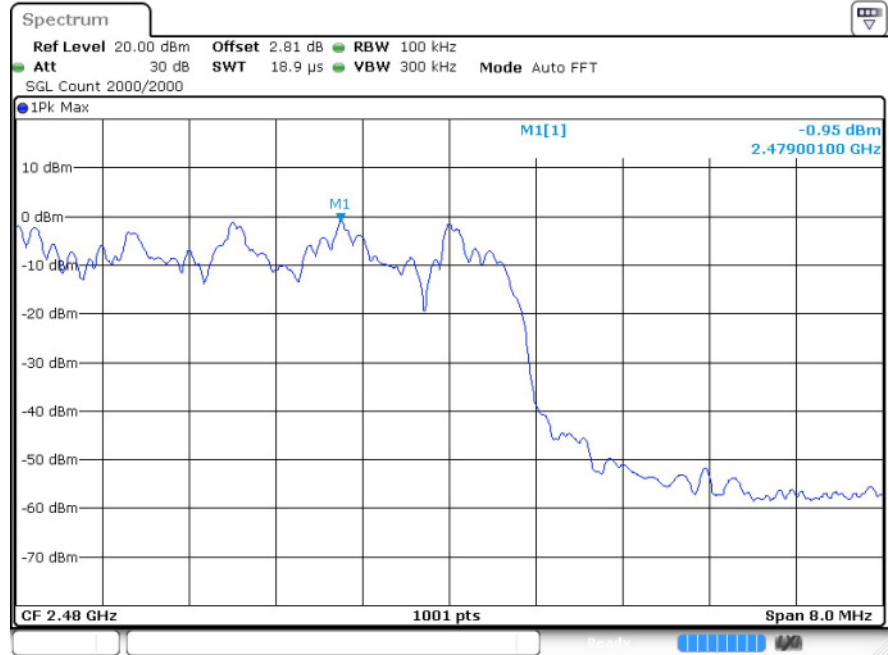
1Pk Max

M1[1] -0.86 dBm 2.47985000 GHz
 M2[1] -59.58 dBm 2.48350000 GHz
 D1 -20.838 dBm
 M4 M3

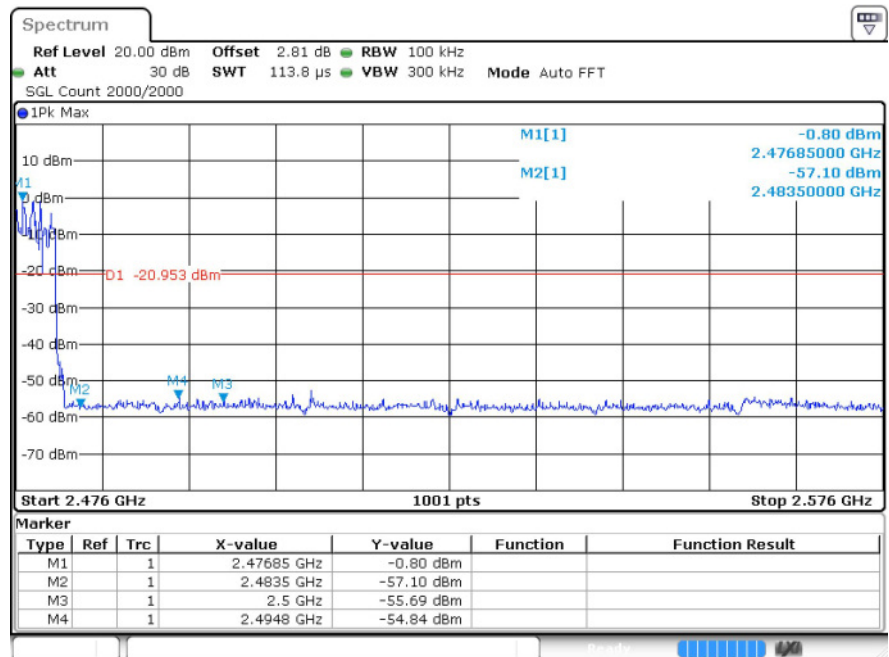
Start 2.476 GHz 1001 pts Stop 2.576 GHz

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47985 GHz	-0.86 dBm		
M2		1	2.4835 GHz	-59.58 dBm		
M3		1	2.5 GHz	-58.98 dBm		
M4		1	2.4976 GHz	-56.27 dBm		

Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

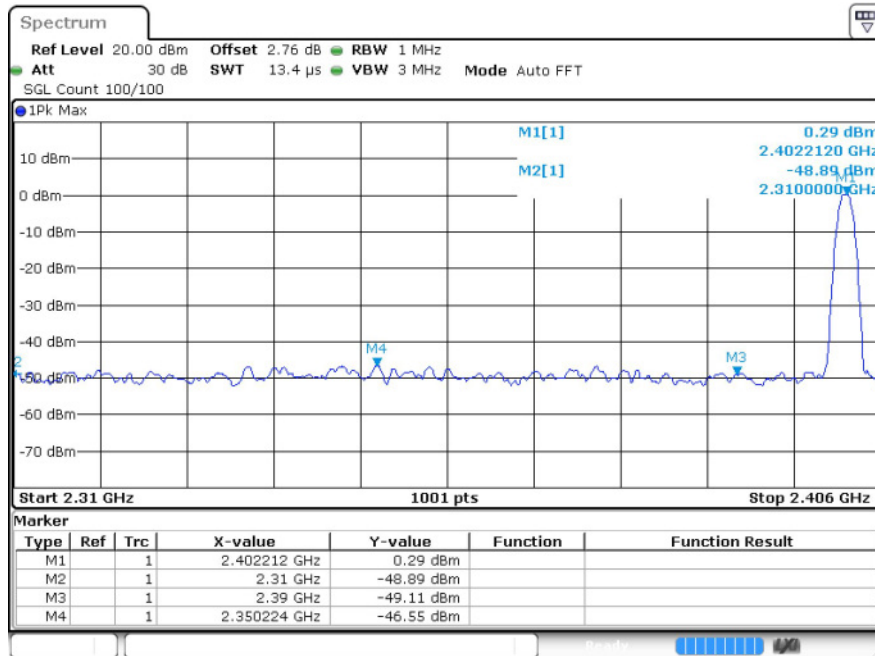
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-48.89	2.338	-	48.678	PEAK	74	Pass
	Off	2310.0	-57.35	2.338	4.95	45.168	AV	54	Pass
	Off	2350.224	-46.54	2.338	-	51.028	PEAK	74	Pass
	Off	2340.624	-55.16	2.338	4.95	47.358	AV	54	Pass
	Off	2390.0	-49.11	2.338	-	48.458	PEAK	74	Pass
	Off	2390.0	-56.65	2.338	4.95	45.868	AV	54	Pass
	Off	2483.5	-48.46	2.338	-	49.108	PEAK	74	Pass
	Off	2483.5	-56.92	2.338	4.95	45.598	AV	54	Pass
	Off	2499.784	-47.36	2.338	-	50.208	PEAK	74	Pass
	Off	2486.896	-56.14	2.338	4.95	46.378	AV	54	Pass
	Off	2500.0	-47.63	2.338	-	49.938	PEAK	74	Pass
	Off	2500.0	-57.42	2.338	4.95	45.098	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-50.32	2.338	-	47.248	PEAK	74	Pass
	Off	2310.0	-57.21	2.338	4.95	45.308	AV	54	Pass
	Off	2339.856	-45.38	2.338	-	52.188	PEAK	74	Pass
	Off	2338.224	-54.24	2.338	4.95	48.278	AV	54	Pass
	Off	2390.0	-50.45	2.338	-	47.118	PEAK	74	Pass
	Off	2390.0	-55.97	2.338	4.95	46.548	AV	54	Pass
	Off	2483.5	-49.04	2.338	-	48.528	PEAK	74	Pass
	Off	2483.5	-55.85	2.338	4.95	46.668	AV	54	Pass
	Off	2490.208	-46.25	2.338	-	51.318	PEAK	74	Pass
	Off	2485.096	-55.65	2.338	4.95	46.868	AV	54	Pass
	Off	2500.0	-48.67	2.338	-	48.898	PEAK	74	Pass
	Off	2500.0	-57.16	2.338	4.95	45.358	AV	54	Pass
8DPSK	Off	2310.0	-49.97	2.338	-	47.598	PEAK	74	Pass
	Off	2310.0	-56.77	2.338	4.84	45.638	AV	54	Pass
	Off	2338.8	-46.34	2.338	-	51.228	PEAK	74	Pass
	Off	2339.472	-54.82	2.338	4.84	47.588	AV	54	Pass



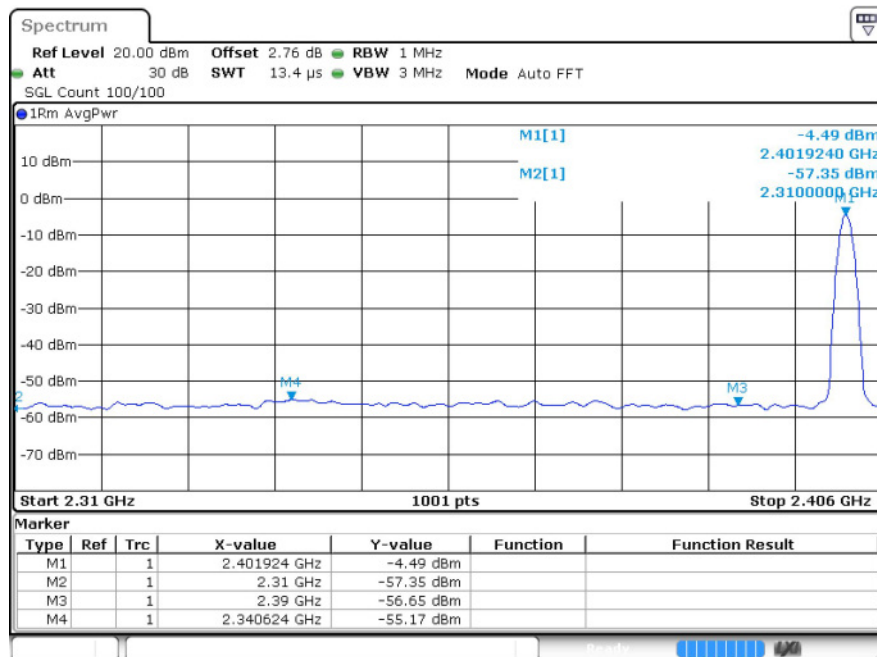
Off	2390.0	-50.46	2.338	-	47.108	PEAK	74	Pass
Off	2390.0	-56.44	2.338	4.84	45.968	AV	54	Pass
Off	2483.5	-49.71	2.338	-	47.858	PEAK	74	Pass
Off	2483.5	-56.68	2.338	4.84	45.728	AV	54	Pass
Off	2497.336	-47.95	2.338	-	49.618	PEAK	74	Pass
Off	2496.328	-55.85	2.338	4.84	46.558	AV	54	Pass
Off	2500.0	-50.19	2.338	-	47.378	PEAK	74	Pass
Off	2500.0	-56.42	2.338	4.84	45.988	AV	54	Pass

9.2 Test Graphs

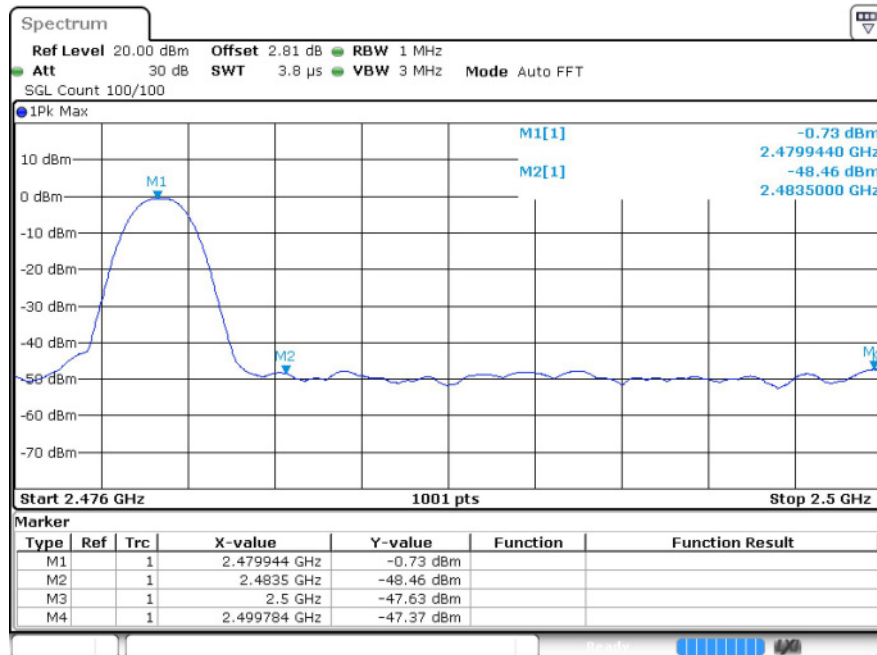
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



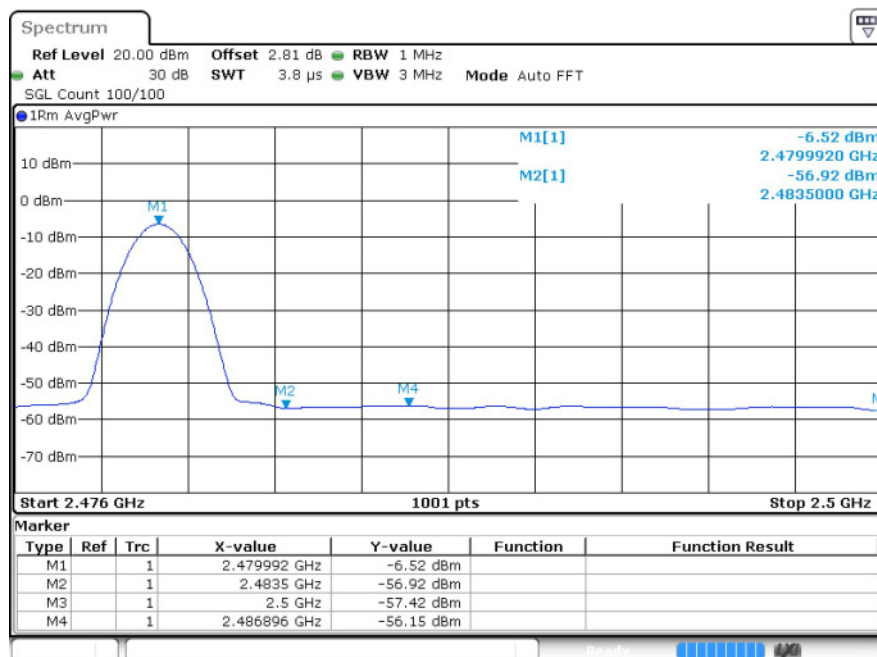
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



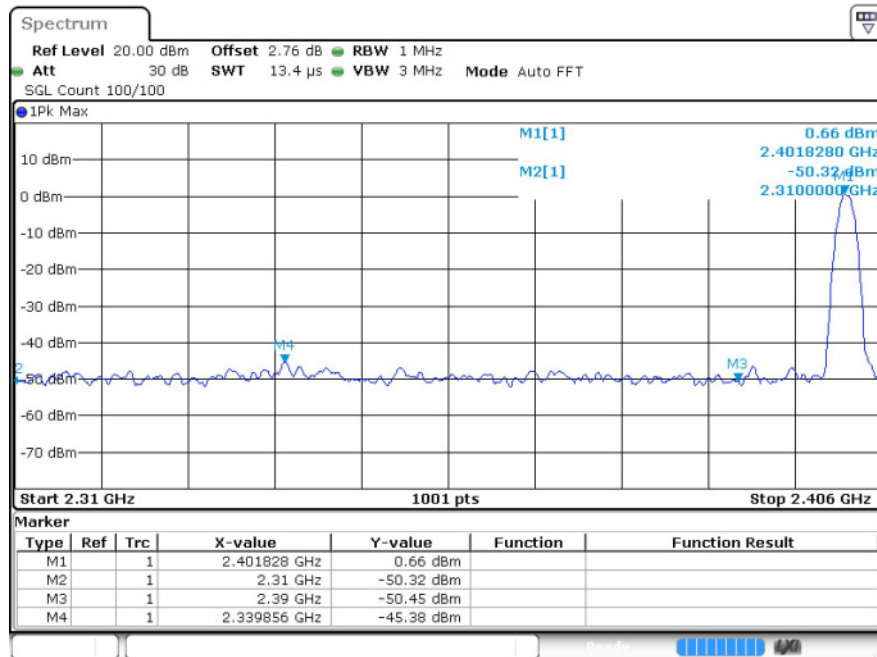
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



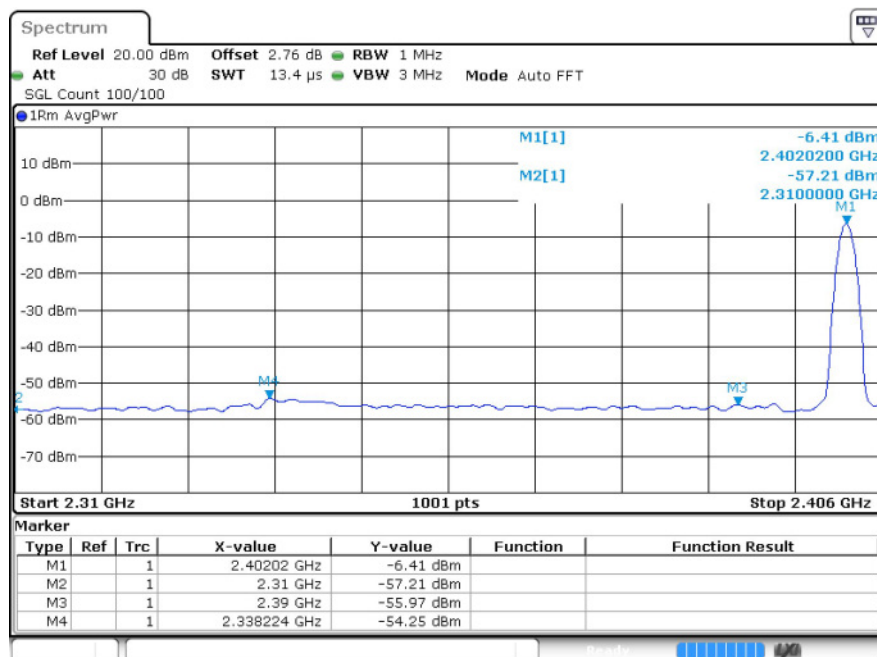
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



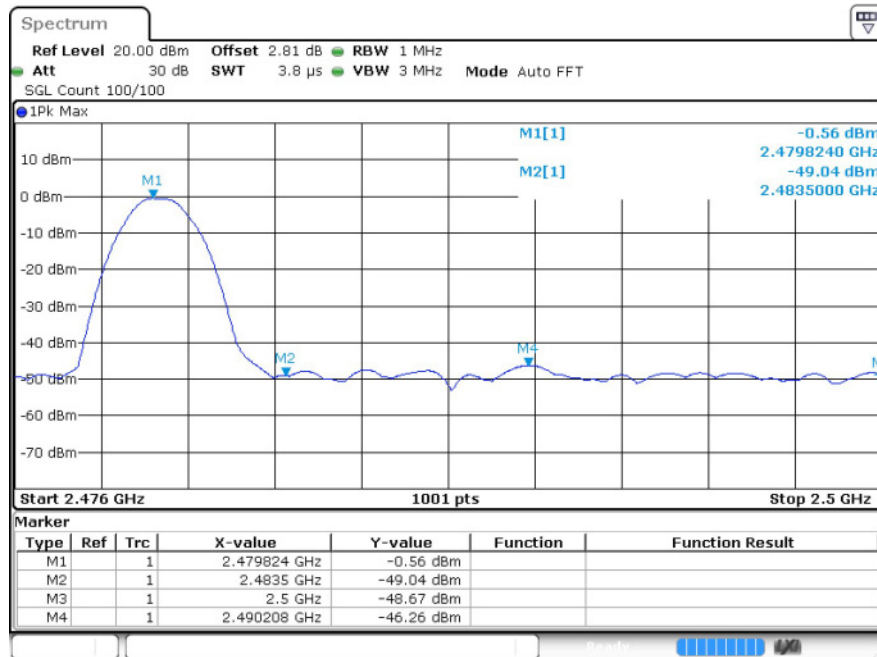
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



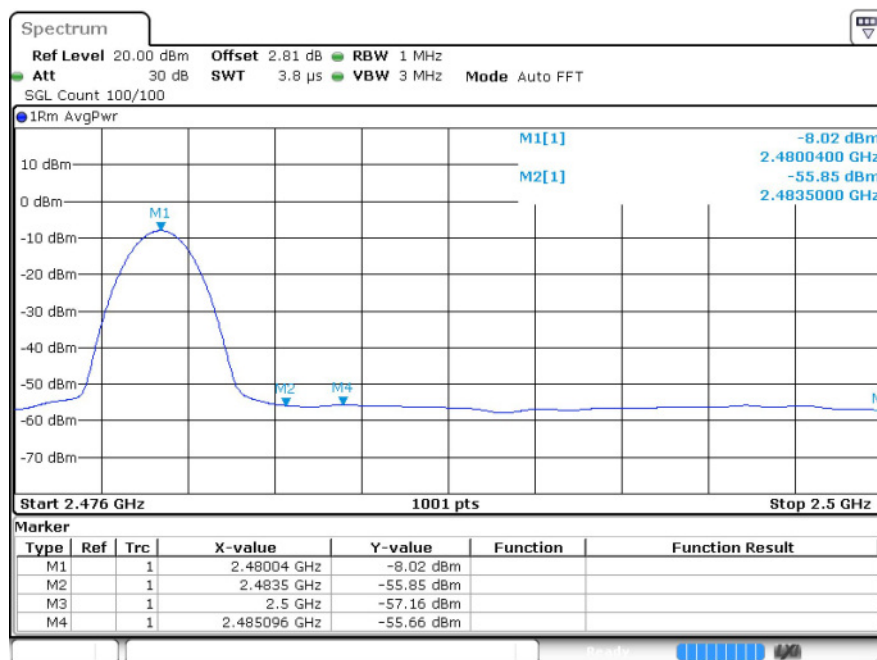
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



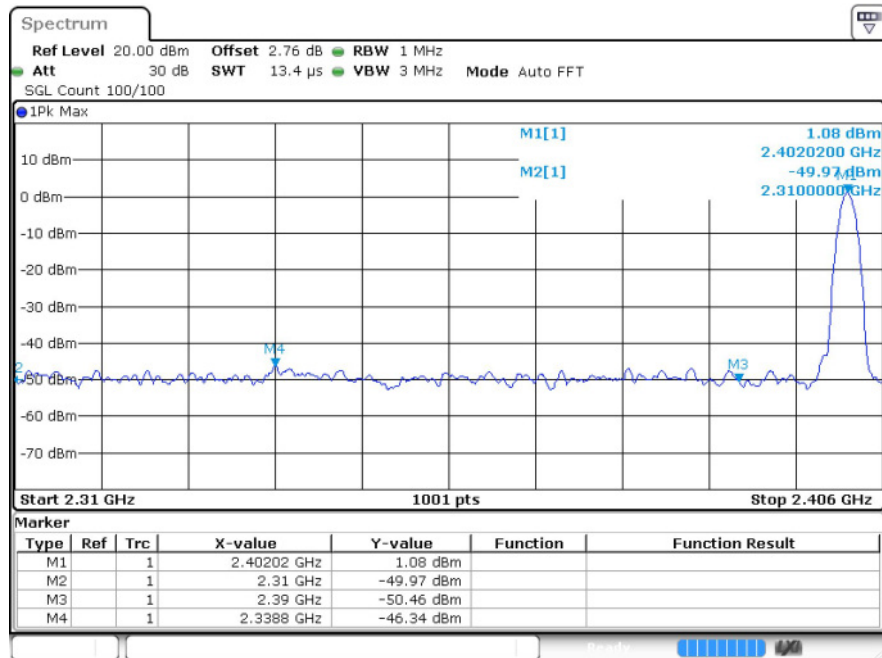
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



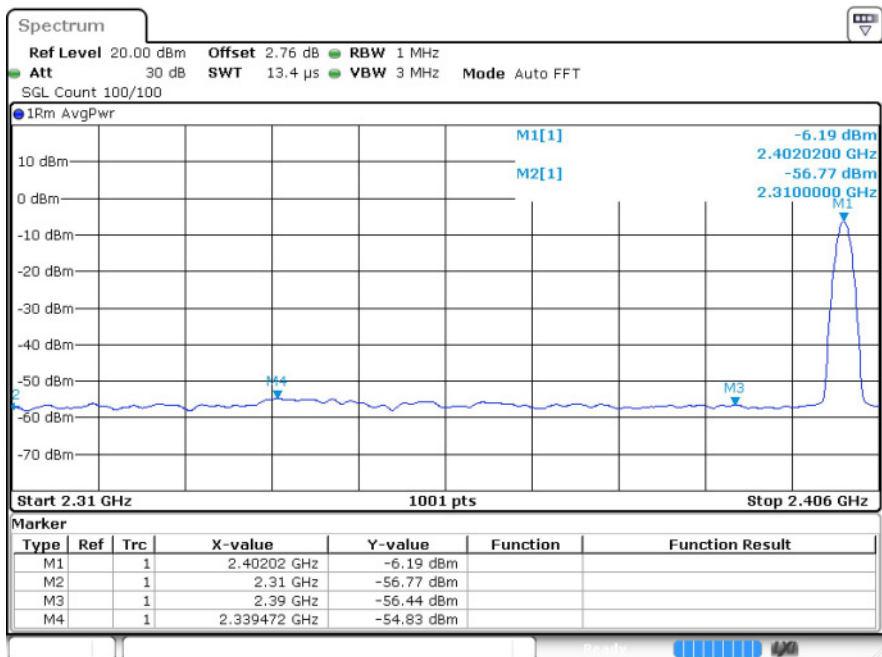
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



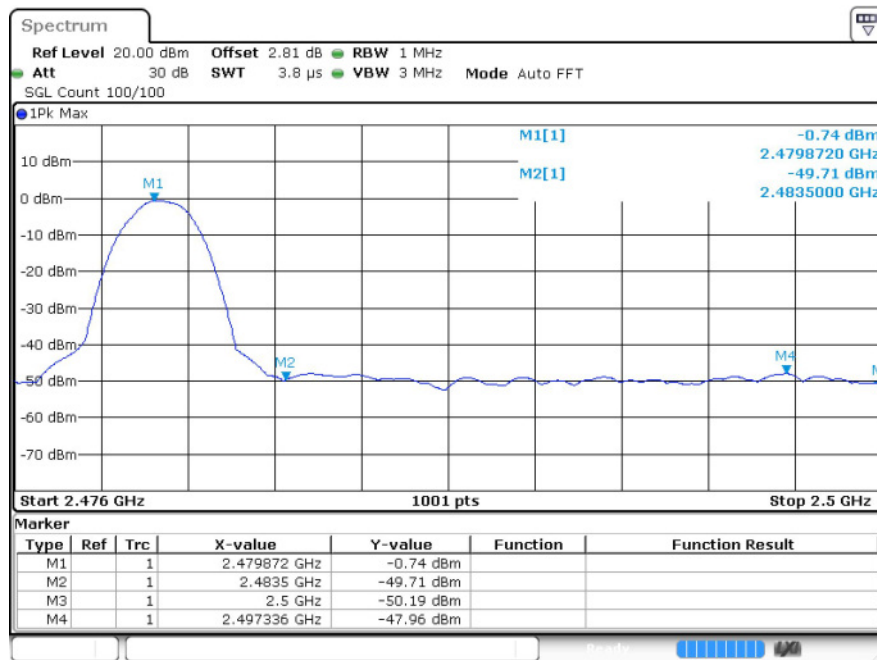
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



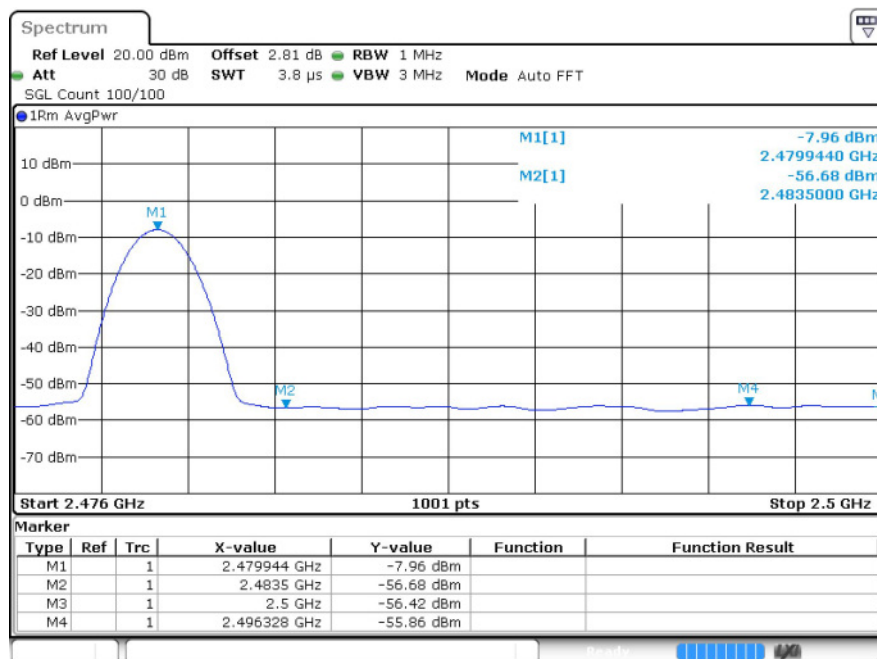
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---