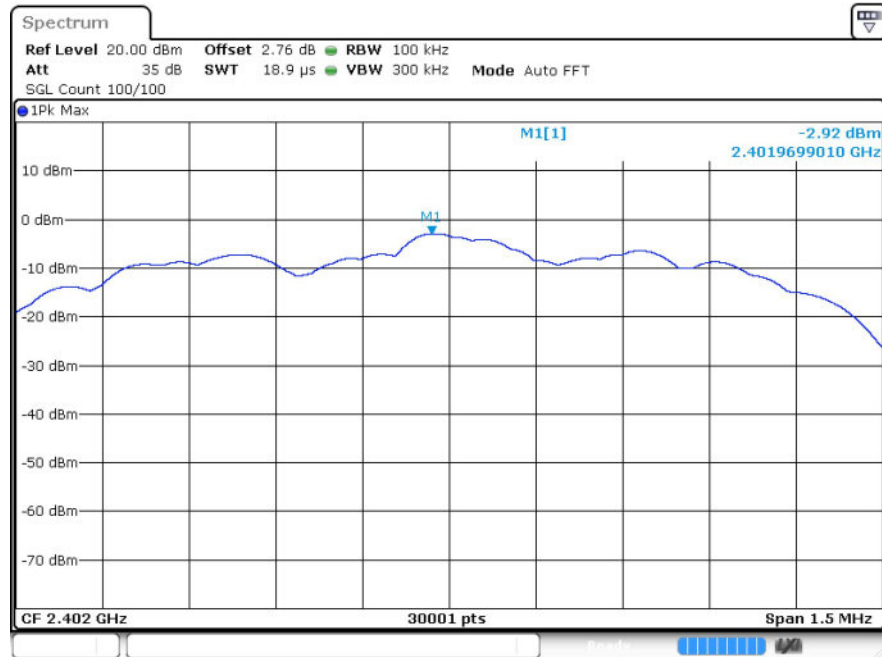
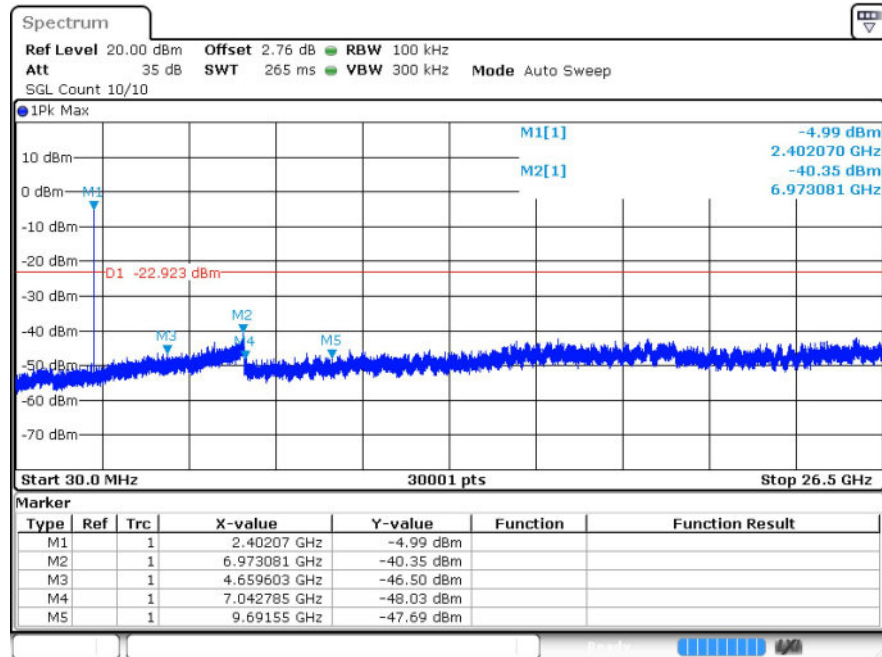


$\pi/4$ DQPSK_LCH_Graphs

Pref

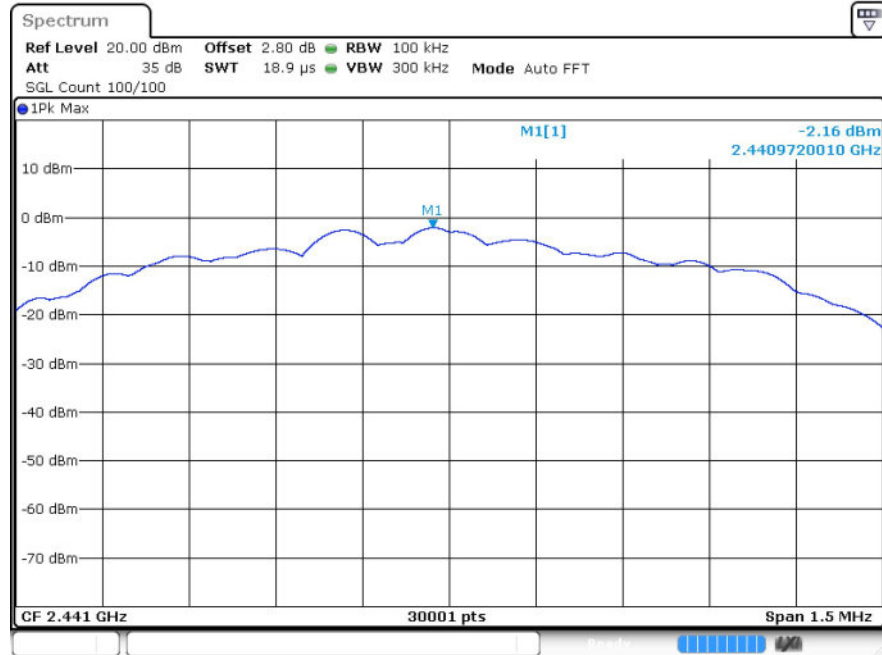


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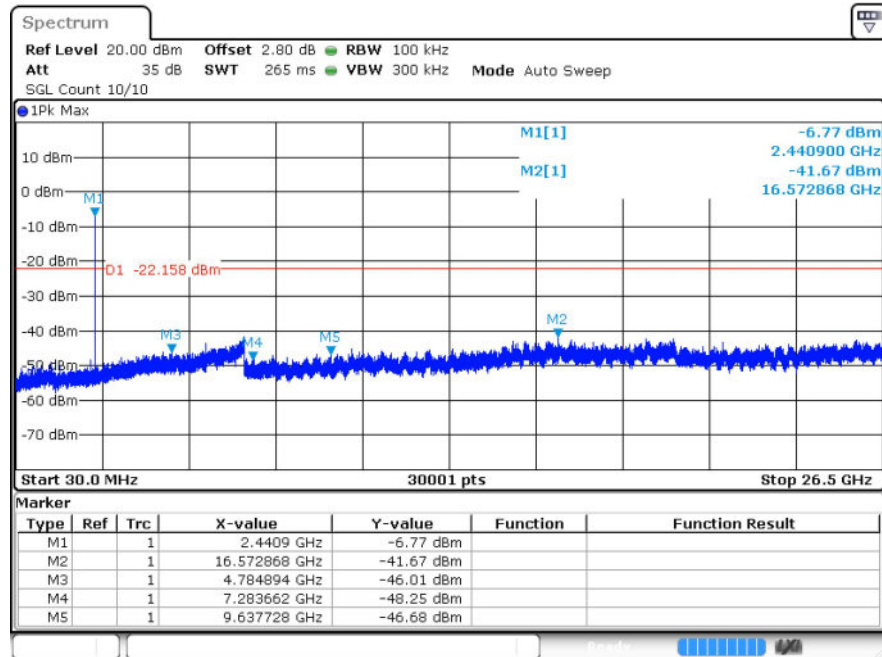


$\pi/4$ DQPSK_MCH_Graphs

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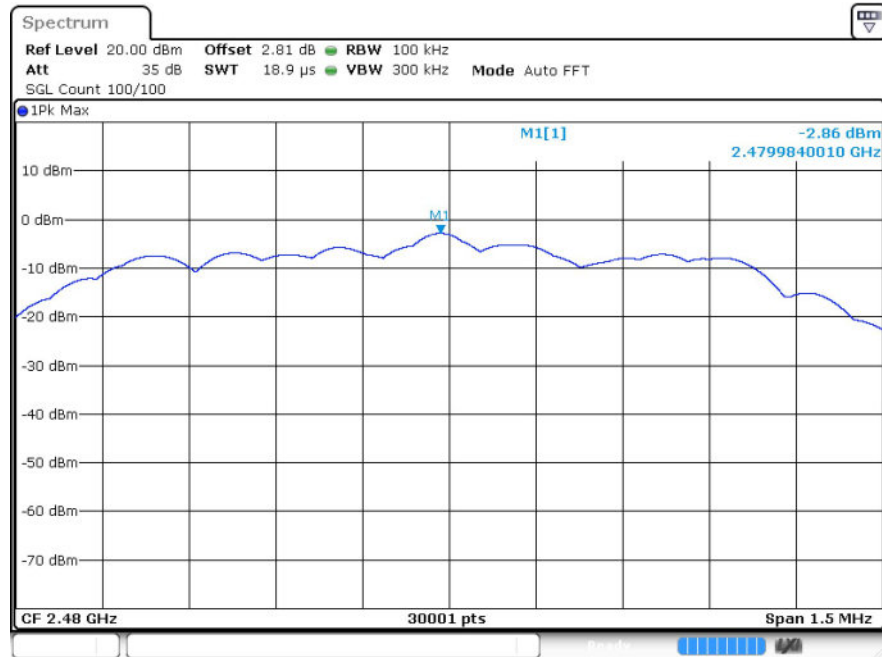


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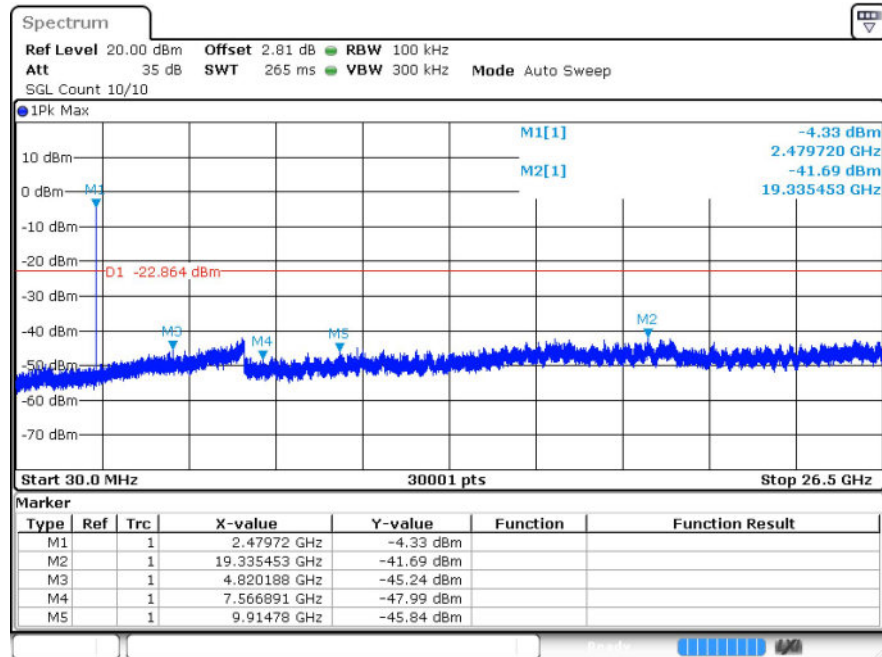


$\pi/4$ DQPSK_HCH_Graphs

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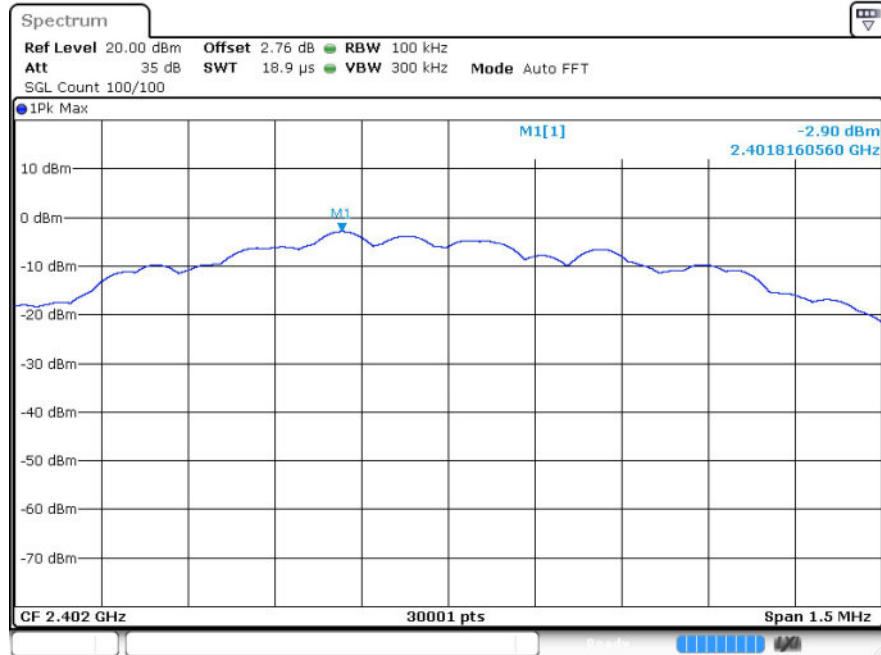


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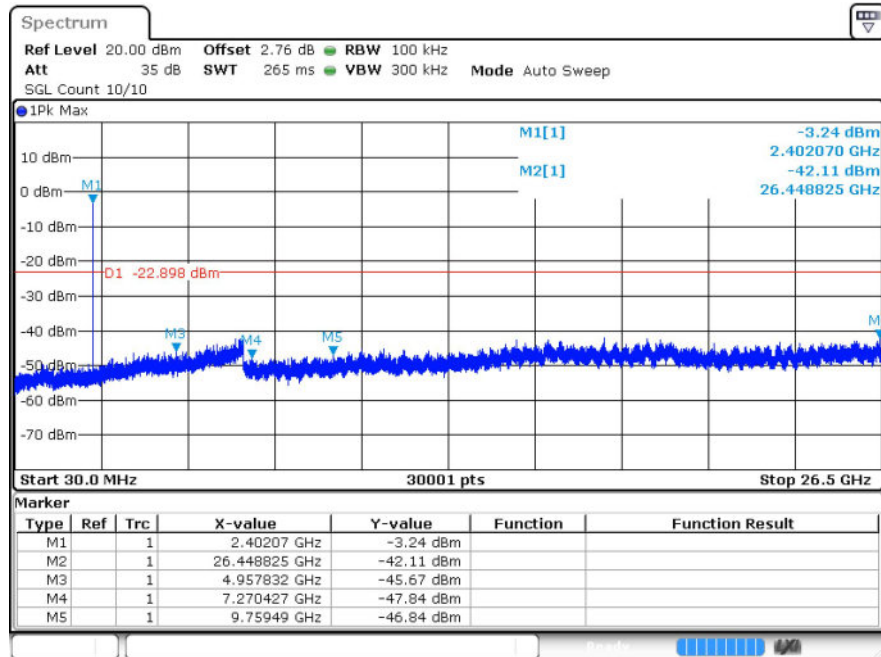


8DPSK_LCH_Graphs

Pref

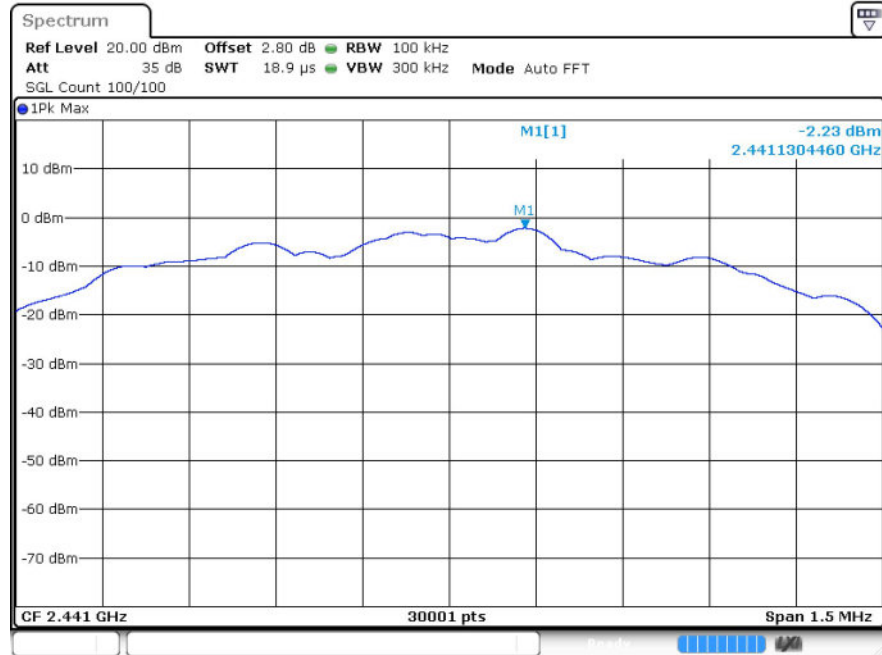


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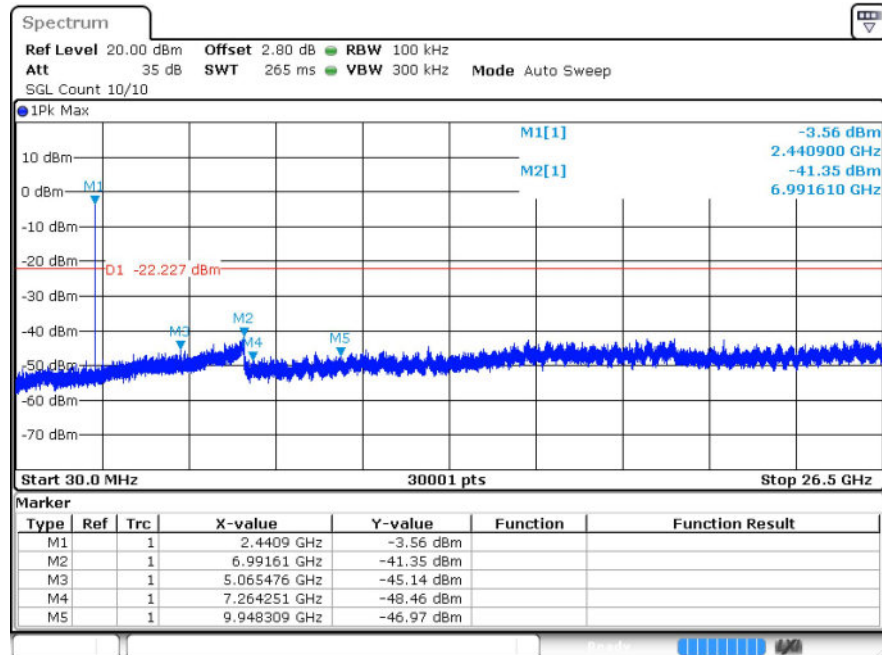


8DPSK_MCH_Graphs

Pref

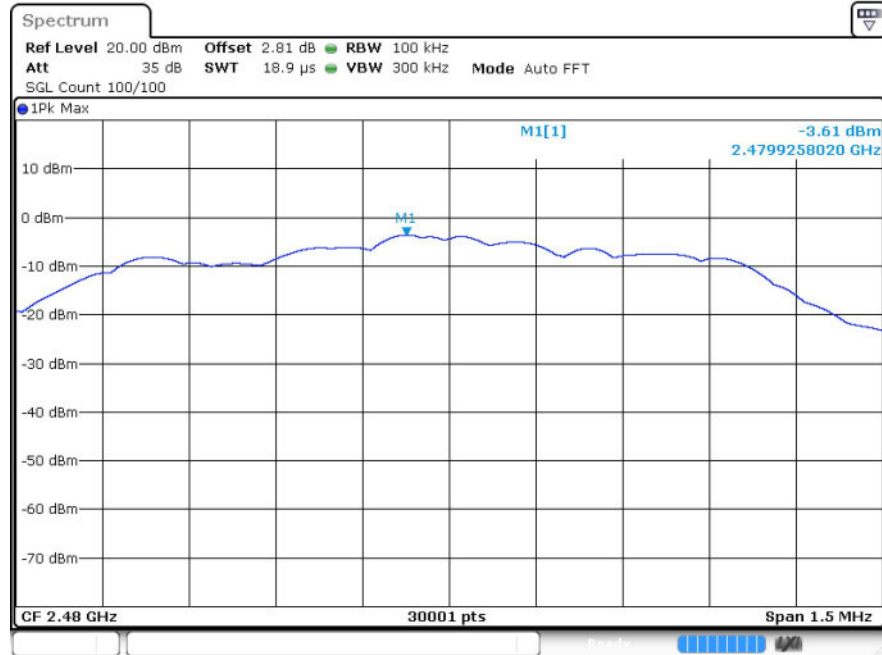


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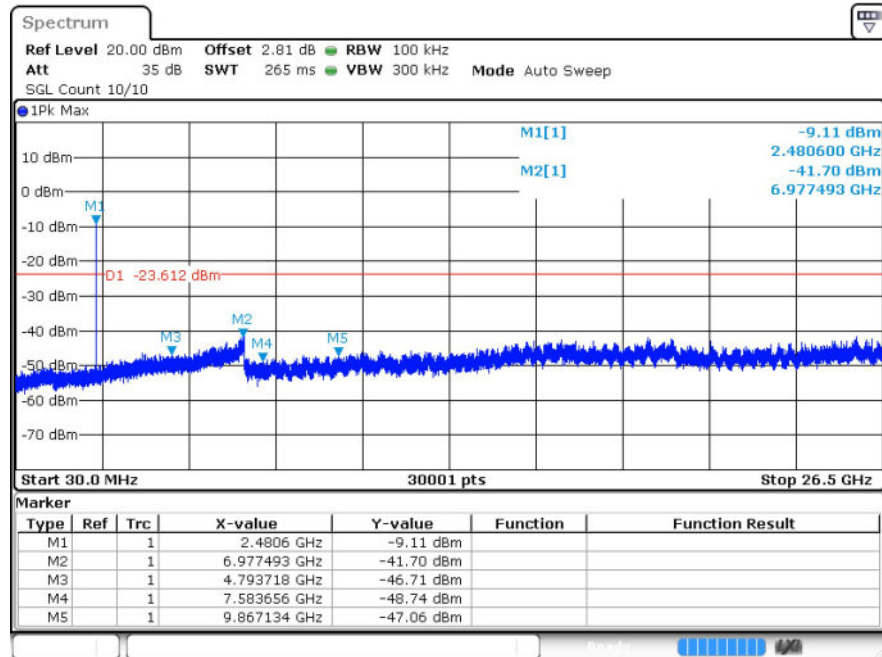


8DPSK_HCH_Graphs

Pref



Puw

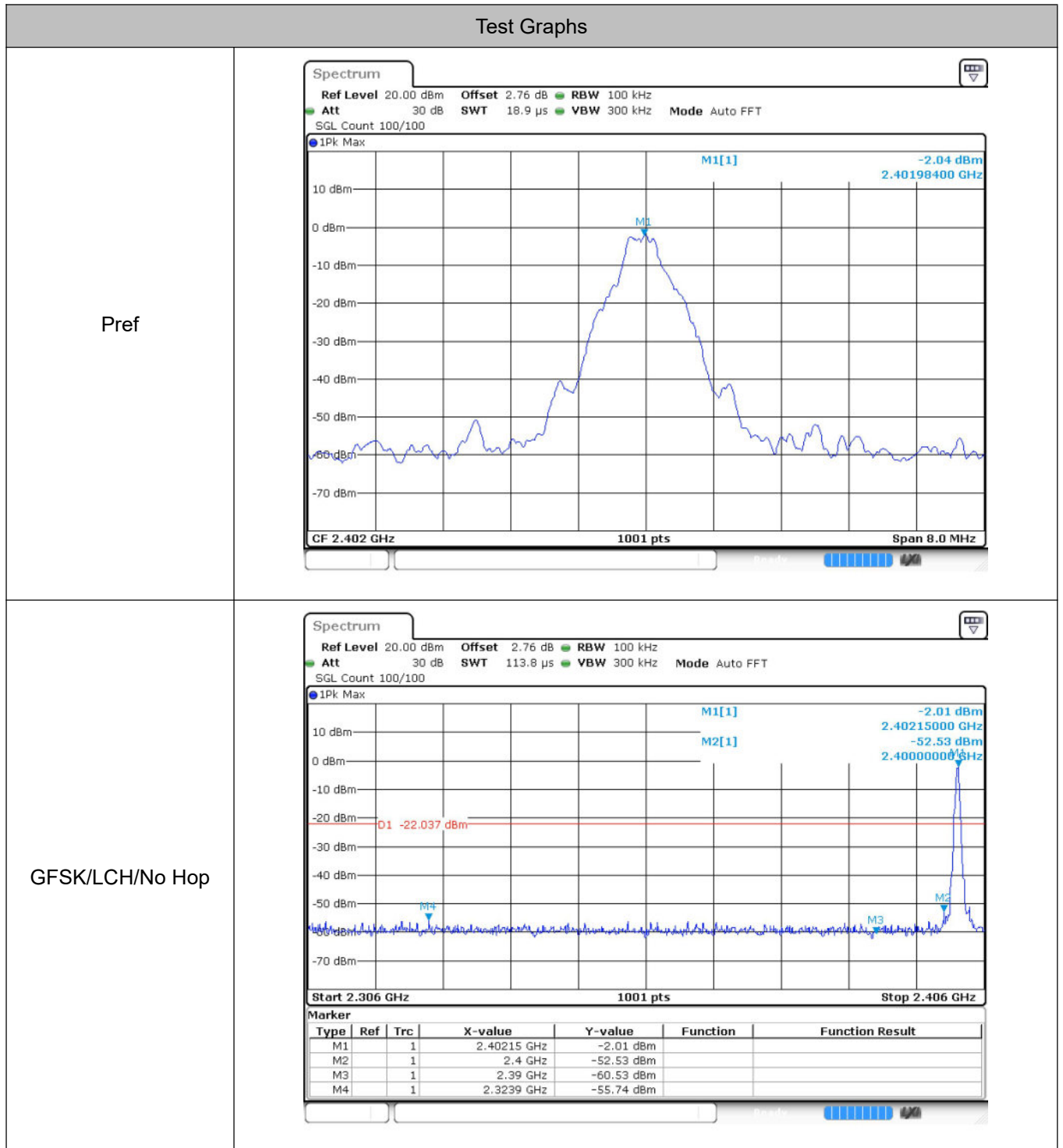


8 Band-edge for RF Conducted Emissions

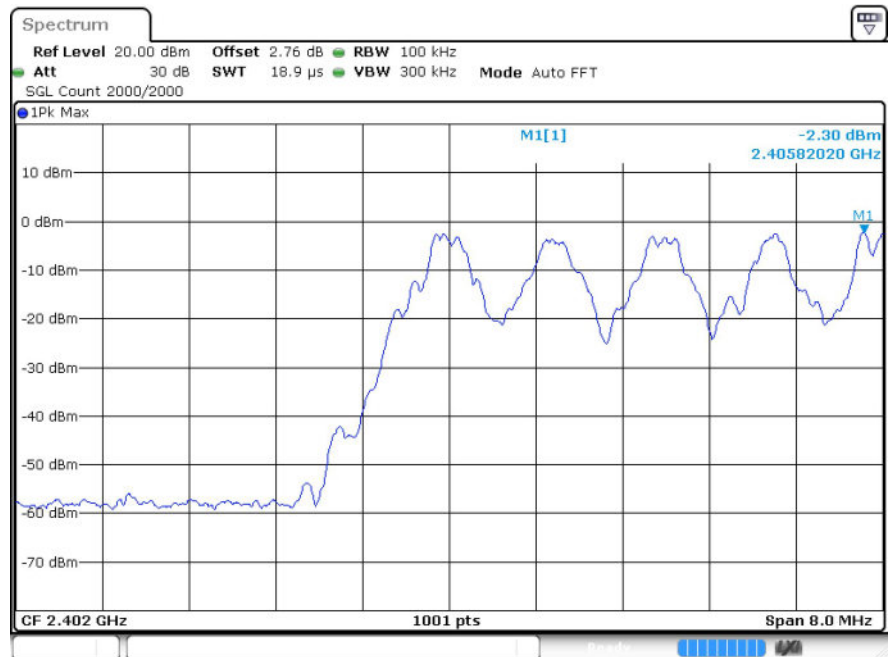
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-53.7	-20	Pass
			On	-52.77	-20	Pass
	HCH	2480	Off	-53.78	-20	Pass
			On	-54.76	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-53.18	-20	Pass
			On	-51.68	-20	Pass
	HCH	2480	Off	-50.86	-20	Pass
			On	-47.11	-20	Pass
8DPSK	LCH	2402	Off	-52.87	-20	Pass
			On	-50.74	-20	Pass
	HCH	2480	Off	-46.45	-20	Pass
			On	-53.79	-20	Pass

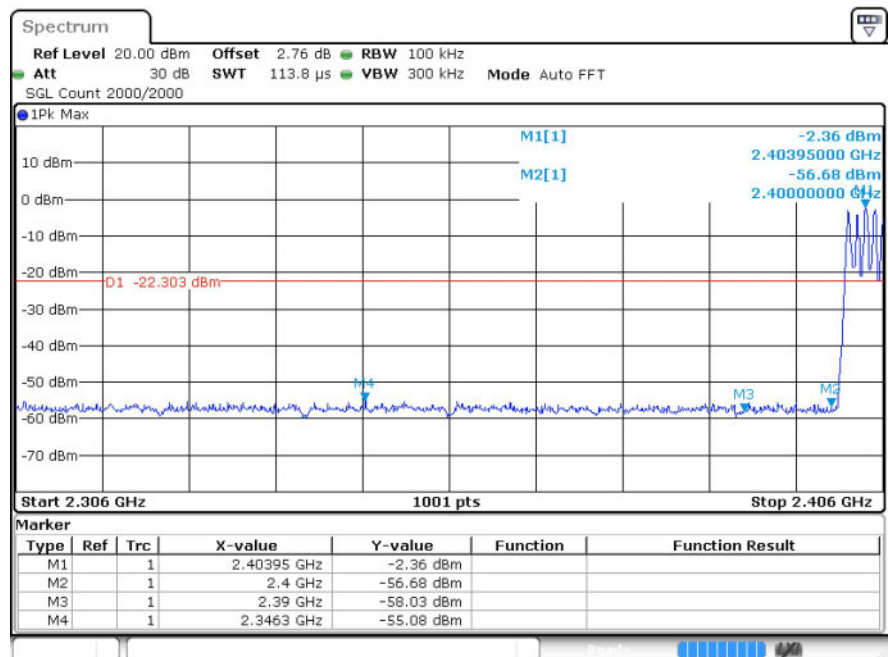
8.2 Test Graphs



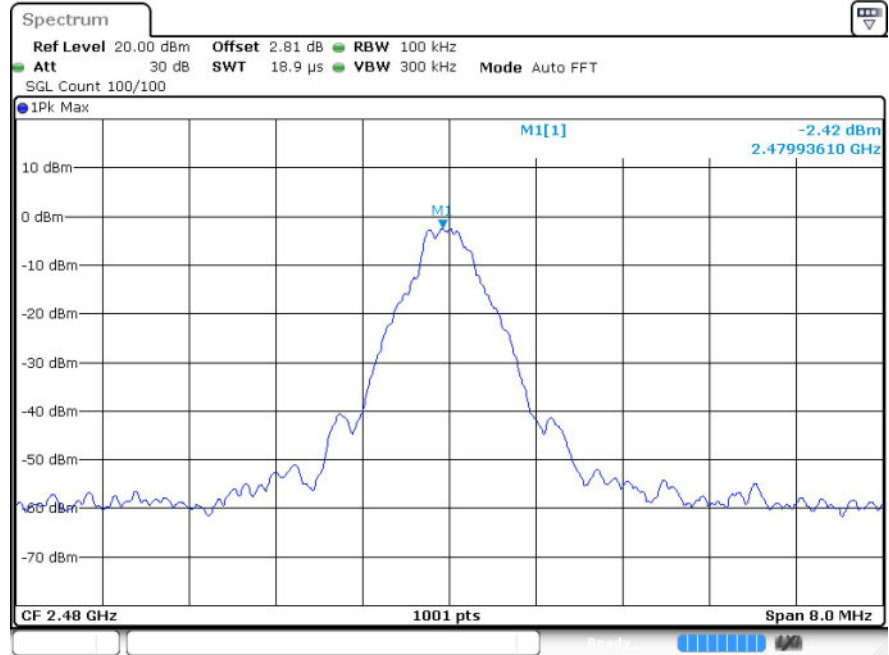
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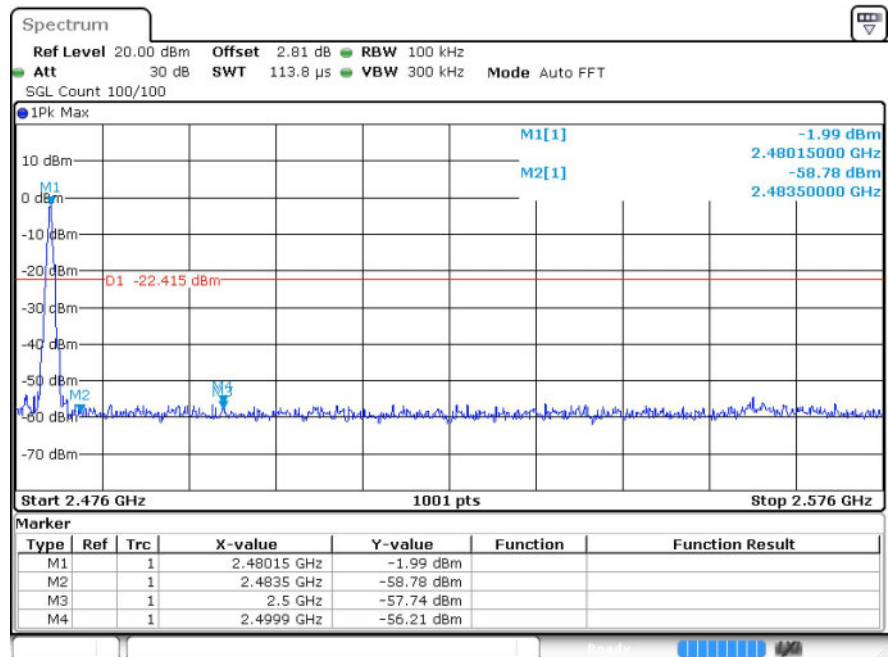
GFSK/LCH/Hop



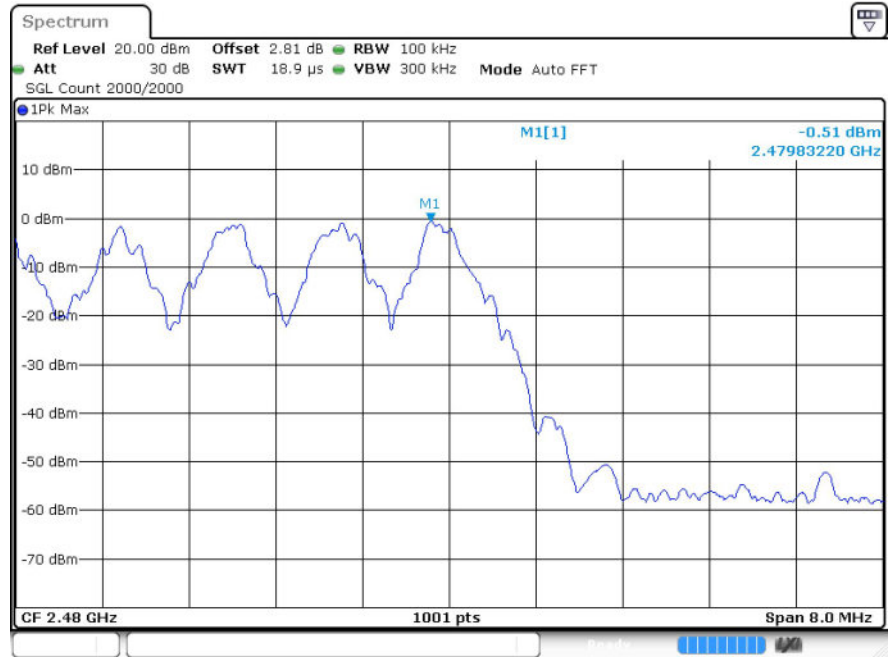
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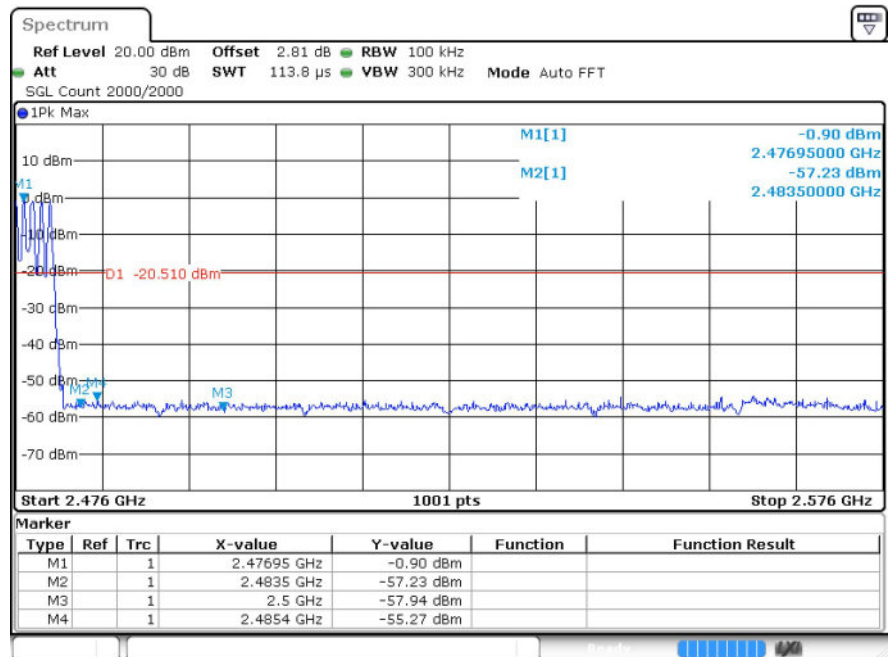
GFSK/HCH/No Hop



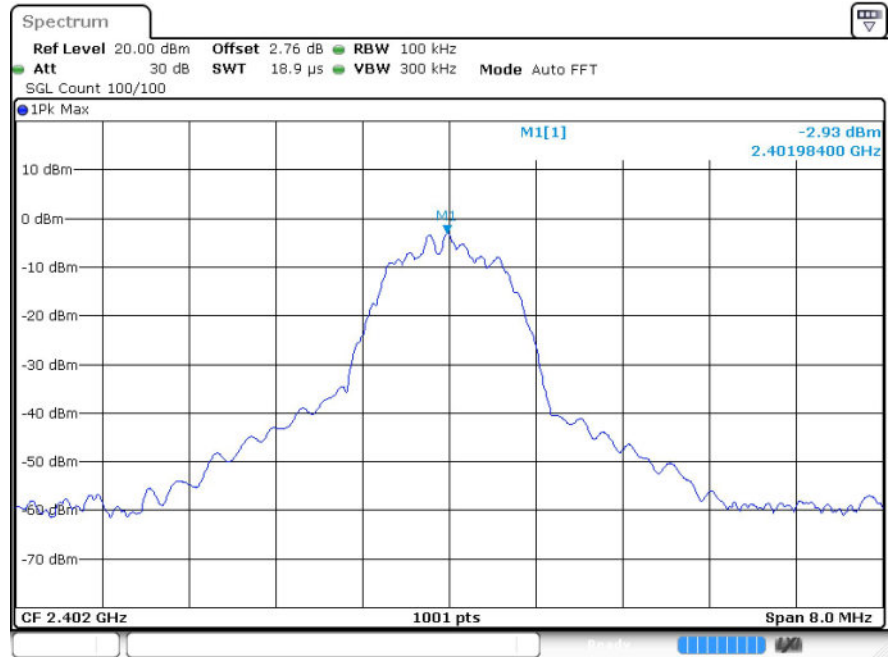
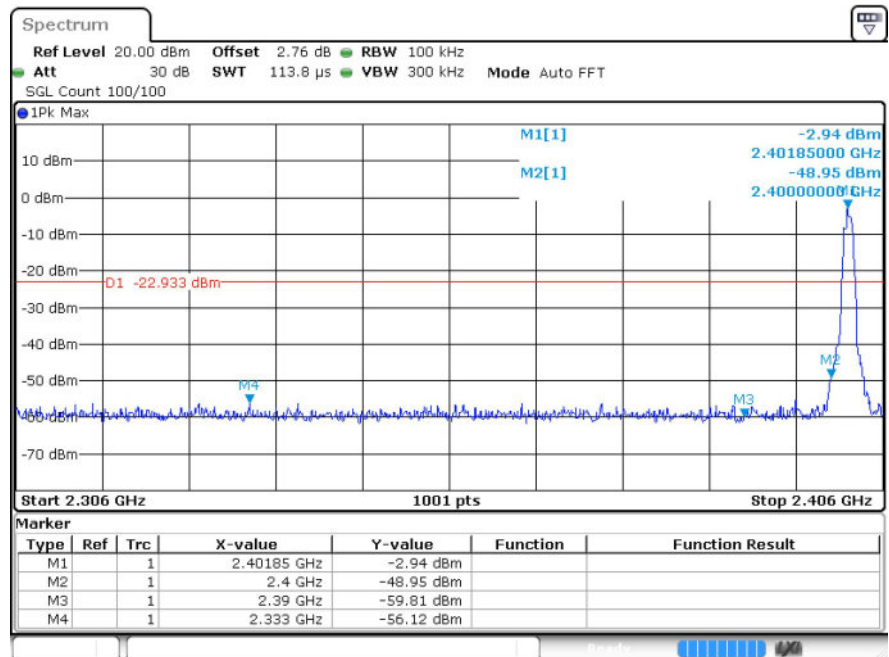
Ref.



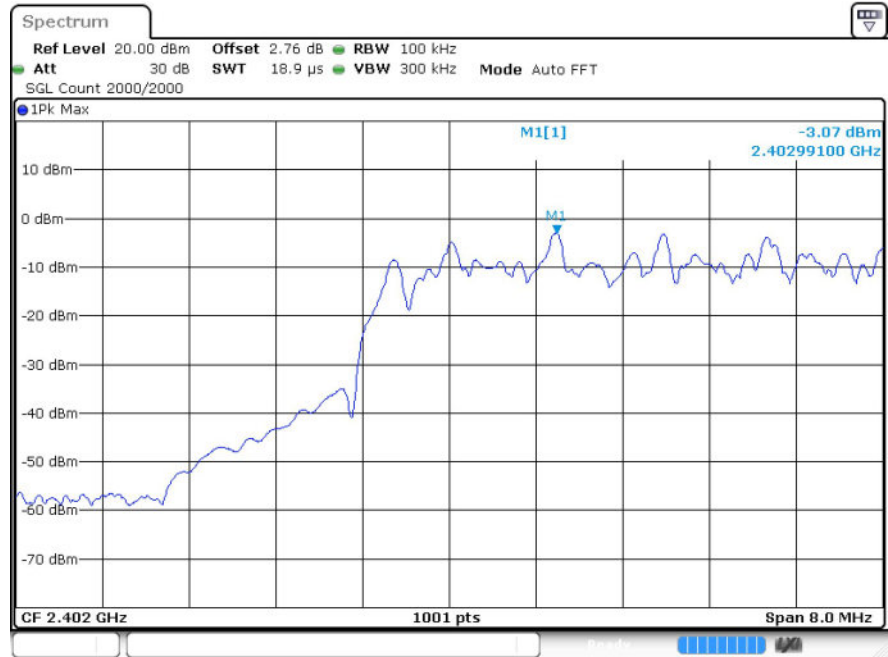
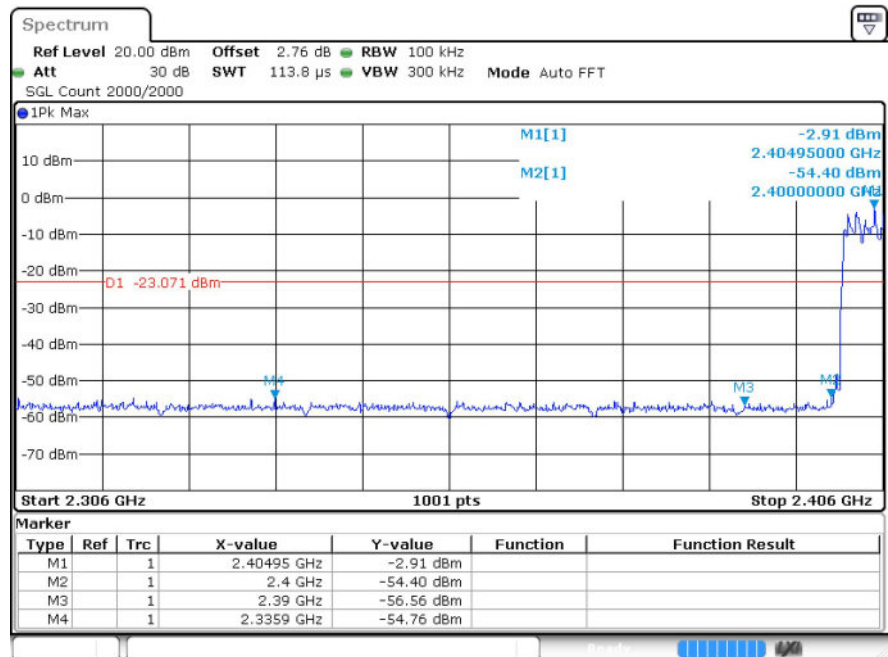
GFSK/HCH/Hop



Ref


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


Ref


 $\pi/4$ DQPSK/LCH/Hop


Spectrum

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

1Pk Max

M1[1] -3.87 dBm
 2.48005590 GHz

CF 2.48 GHz 1001 pts Span 8.0 MHz

Spectrum

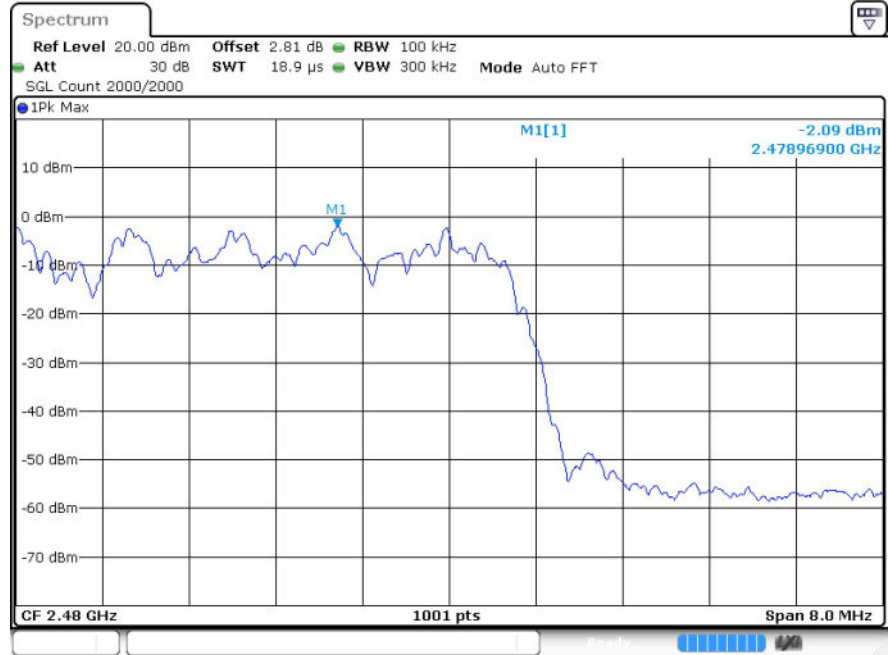
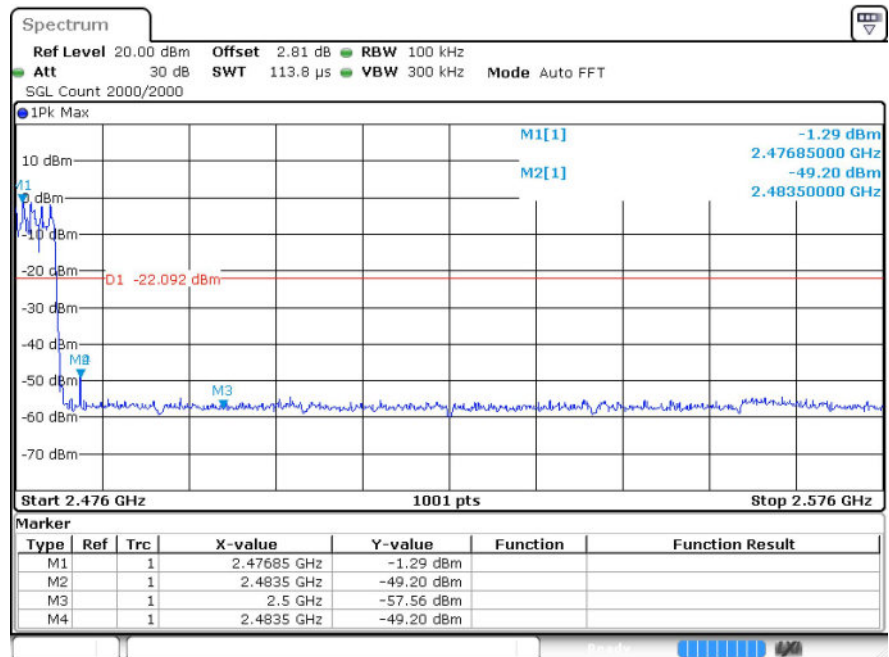
Ref Level 20.00 dBm Offset 2.81 dB RBW 100 kHz
 Att 30 dB SWT 113.8 μ s VBW 300 kHz Mode Auto FFT
 SGL Count 100/100

1Pk Max

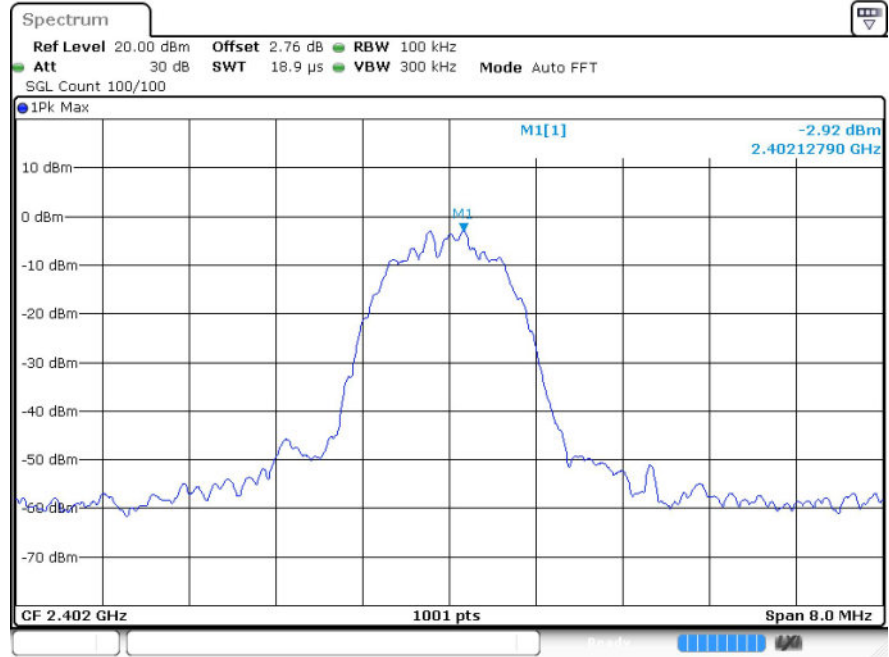
Start 2.476 GHz 1001 pts Stop 2.576 GHz

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			1	2.47995 GHz	-3.10 dBm		
M2			1	2.4835 GHz	-57.72 dBm		
M3			1	2.5 GHz	-60.06 dBm		
M4			1	2.4838 GHz	-54.74 dBm		

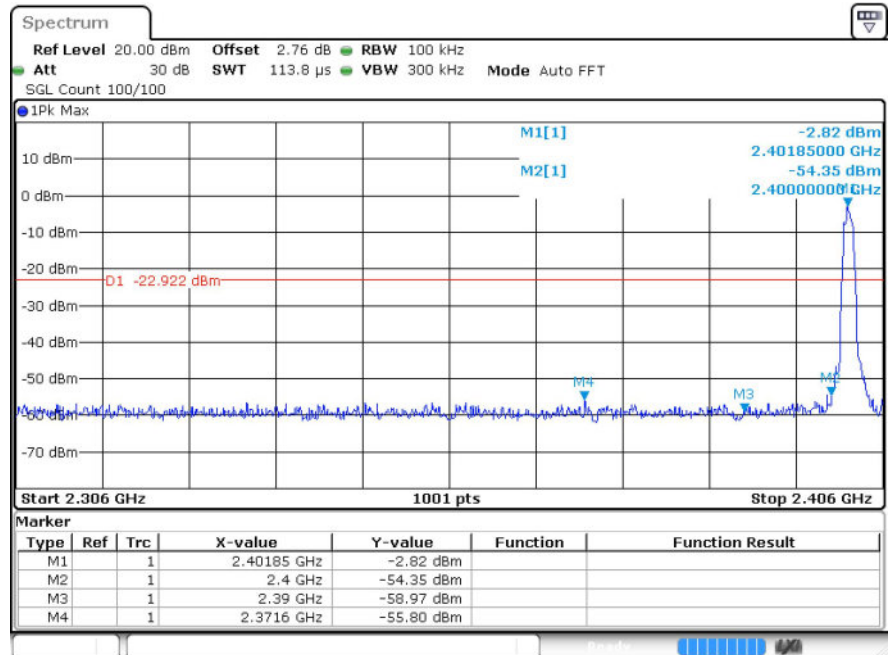
Ref


 $\pi/4$ DQPSK/HCH/Hop


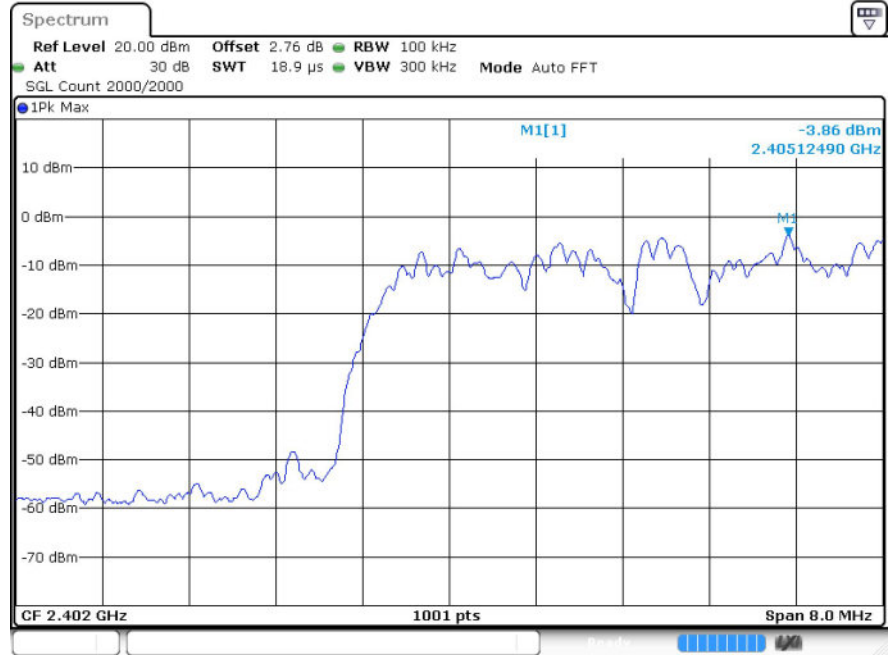
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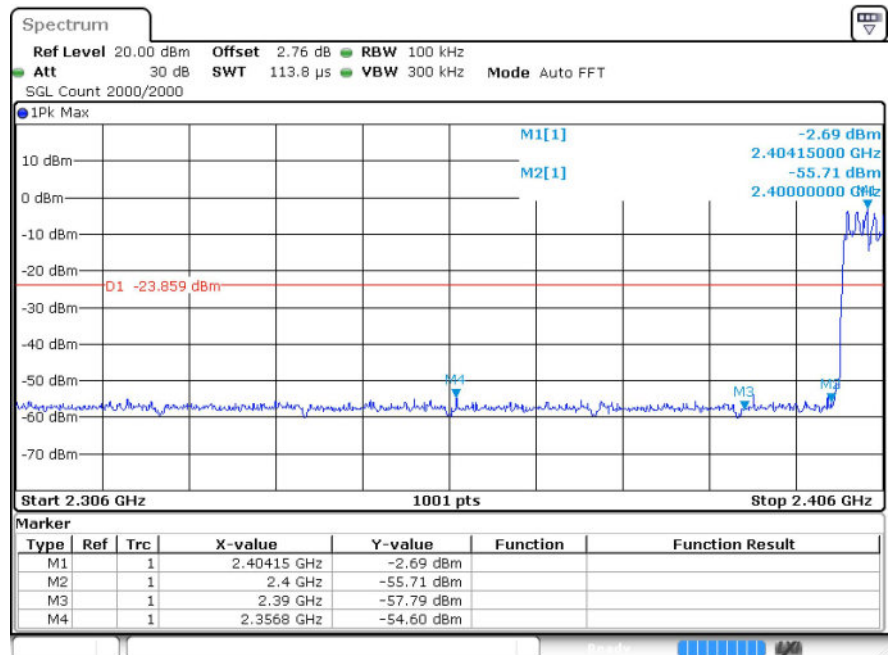
8DPSK/LCH/No Hop



Ref



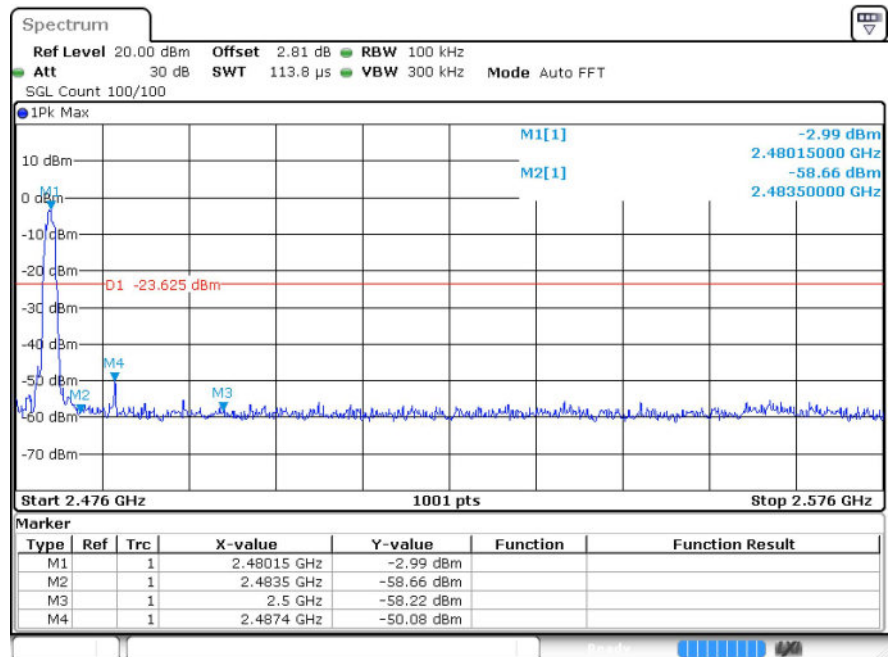
8DPSK/LCH/Hop



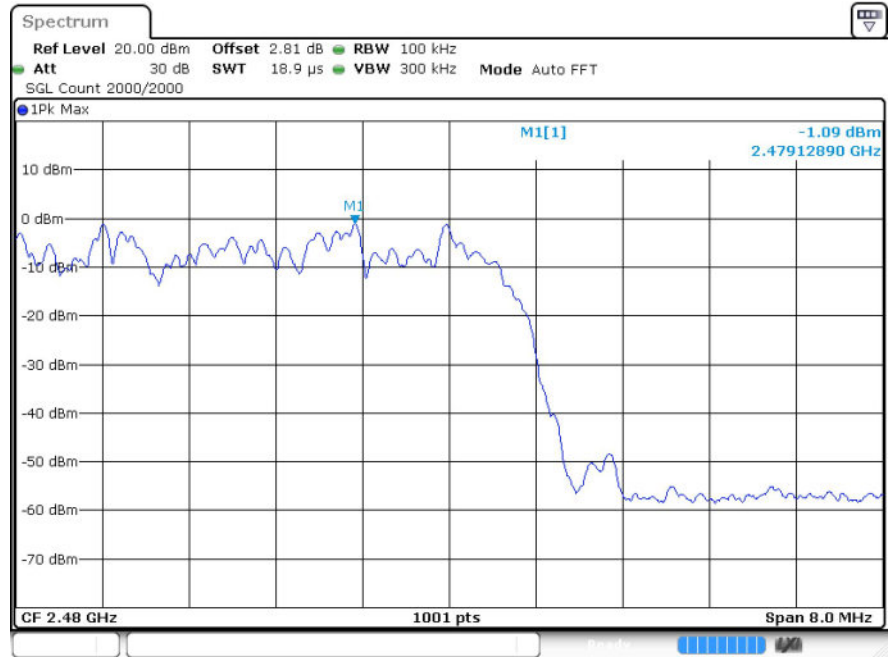
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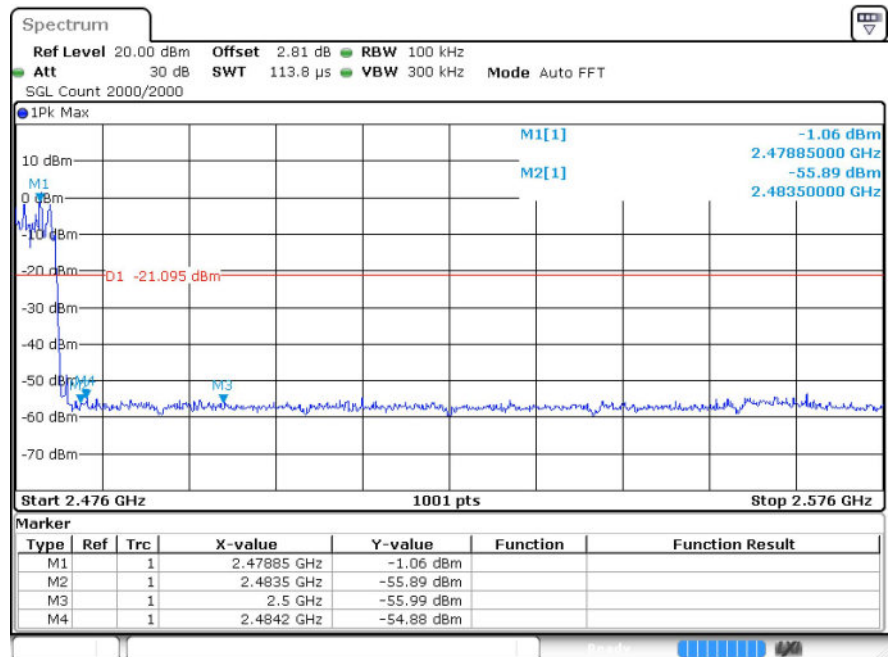
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

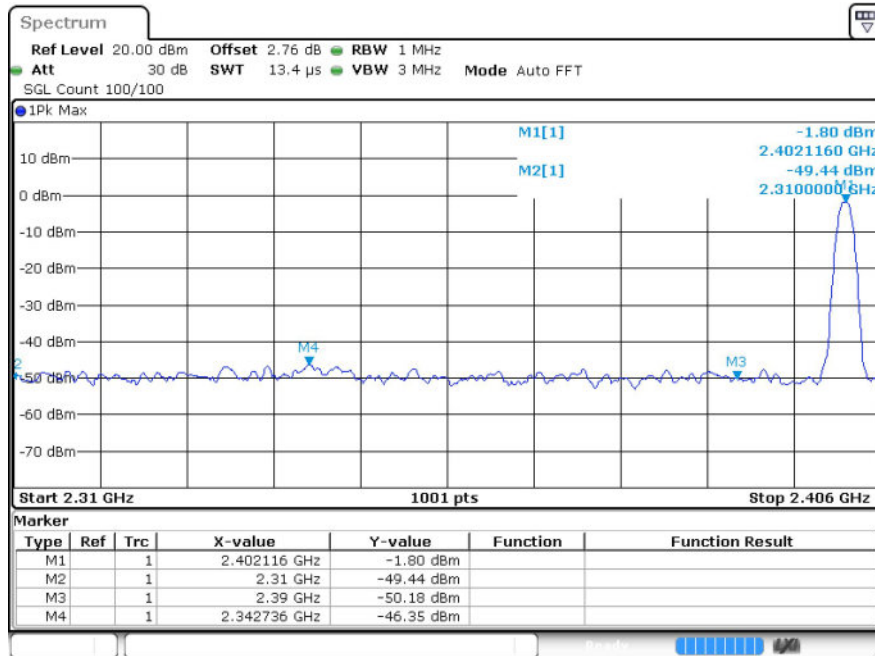
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-49.44	2	-	47.82	PEAK	74	Pass
	Off	2310.0	-57.45	2	5.06	44.87	AV	54	Pass
	Off	2342.736	-46.34	2	-	50.92	PEAK	74	Pass
	Off	2338.32	-54.52	2	5.06	47.8	AV	54	Pass
	Off	2390.0	-50.18	2	-	47.08	PEAK	74	Pass
	Off	2390.0	-57.09	2	5.06	45.23	AV	54	Pass
	Off	2483.5	-50.52	2	-	46.74	PEAK	74	Pass
	Off	2483.5	-56.44	2	5.06	45.88	AV	54	Pass
	Off	2487.328	-45.41	2	-	51.85	PEAK	74	Pass
	Off	2487.4	-55.51	2	5.06	46.81	AV	54	Pass
	Off	2500.0	-50.33	2	-	46.93	PEAK	74	Pass
	Off	2500.0	-57.29	2	5.06	45.03	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-50.47	2	-	46.79	PEAK	74	Pass
	Off	2310.0	-55.77	2	4.95	46.44	AV	54	Pass
	Off	2341.008	-46.47	2	-	50.79	PEAK	74	Pass
	Off	2341.008	-54.78	2	4.95	47.43	AV	54	Pass
	Off	2390.0	-50.95	2	-	46.31	PEAK	74	Pass
	Off	2390.0	-57.3	2	4.95	44.91	AV	54	Pass
	Off	2483.5	-47.81	2	-	49.45	PEAK	74	Pass
	Off	2483.5	-55.77	2	4.95	46.44	AV	54	Pass
	Off	2488.72	-46.28	2	-	50.98	PEAK	74	Pass
	Off	2484.928	-55.48	2	4.95	46.73	AV	54	Pass
	Off	2500.0	-47.95	2	-	49.31	PEAK	74	Pass
	Off	2500.0	-57.1	2	4.95	45.11	AV	54	Pass
8DPSK	Off	2310.0	-48.99	2	-	48.27	PEAK	74	Pass
	Off	2310.0	-56.86	2	4.95	45.35	AV	54	Pass
	Off	2342.832	-46.85	2	-	50.41	PEAK	74	Pass
	Off	2338.608	-54.41	2	4.95	47.8	AV	54	Pass



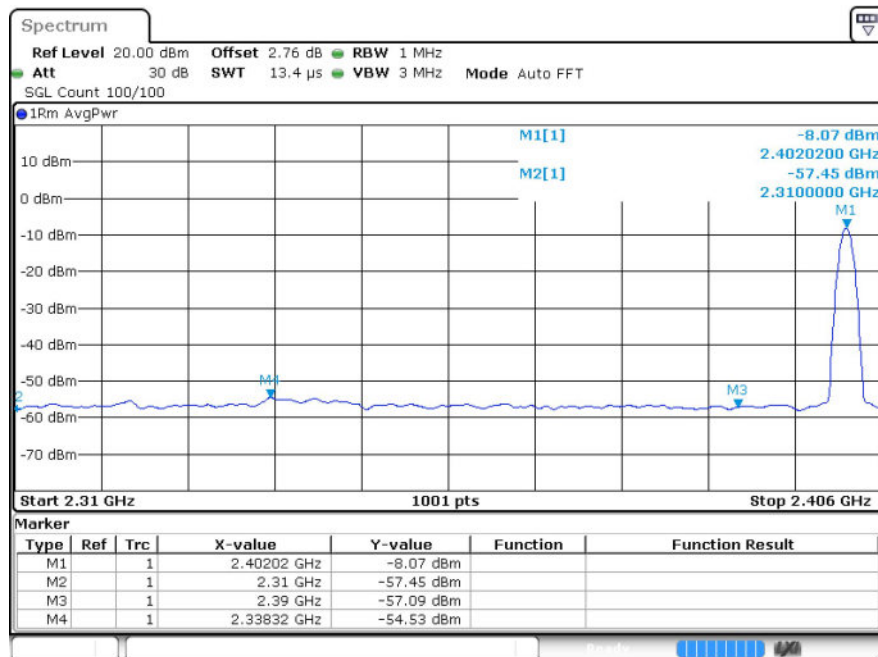
Off	2390.0	-50.03	2	-	47.23	PEAK	74	Pass
Off	2390.0	-57.39	2	4.95	44.82	AV	54	Pass
Off	2483.5	-49.48	2	-	47.78	PEAK	74	Pass
Off	2483.5	-55.3	2	4.95	46.91	AV	54	Pass
Off	2487.376	-47.37	2	-	49.89	PEAK	74	Pass
Off	2483.704	-55.21	2	4.95	47	AV	54	Pass
Off	2500.0	-50.32	2	-	46.94	PEAK	74	Pass
Off	2500.0	-55.78	2	4.95	46.43	AV	54	Pass

9.2 Test Graphs

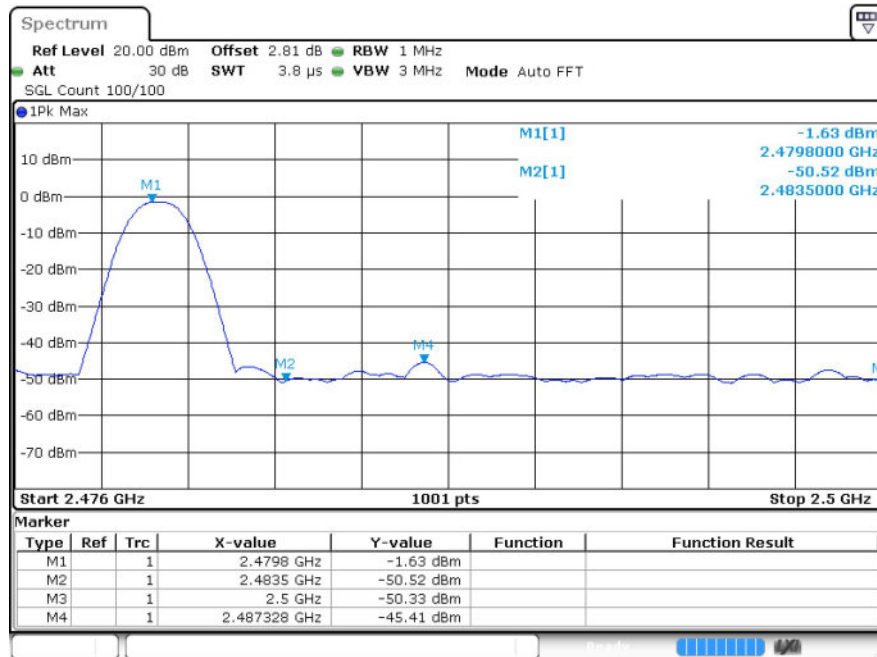
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



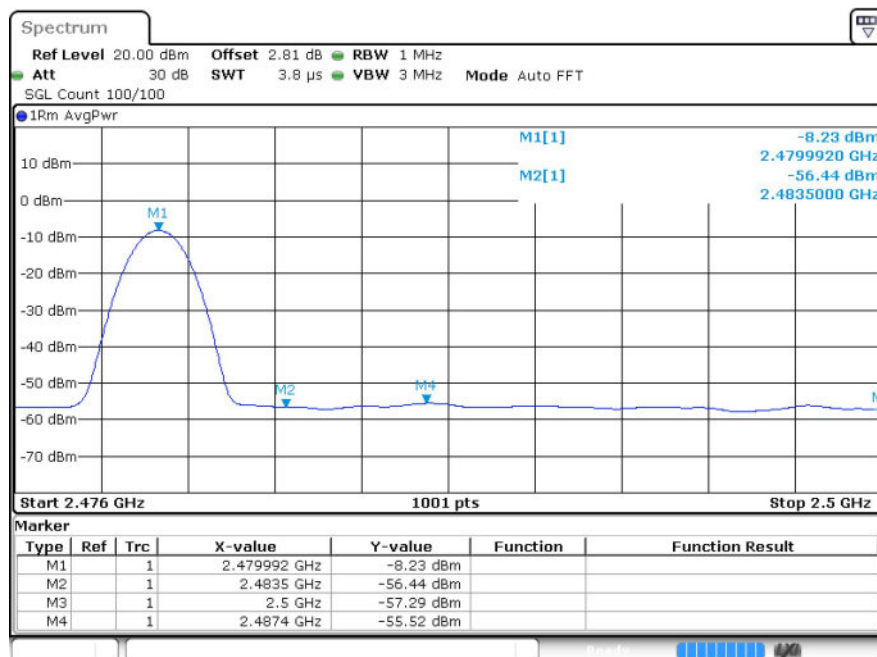
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



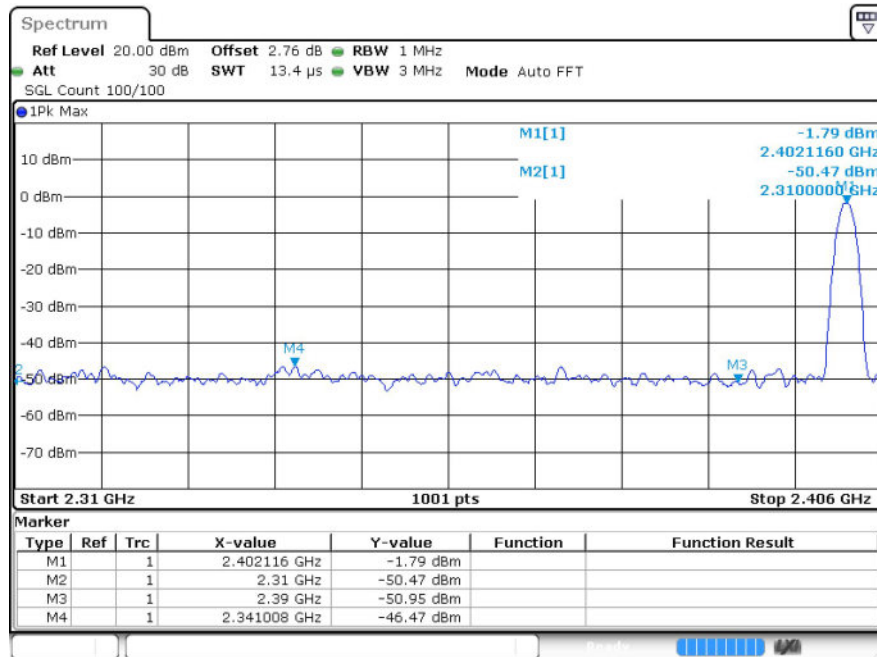
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



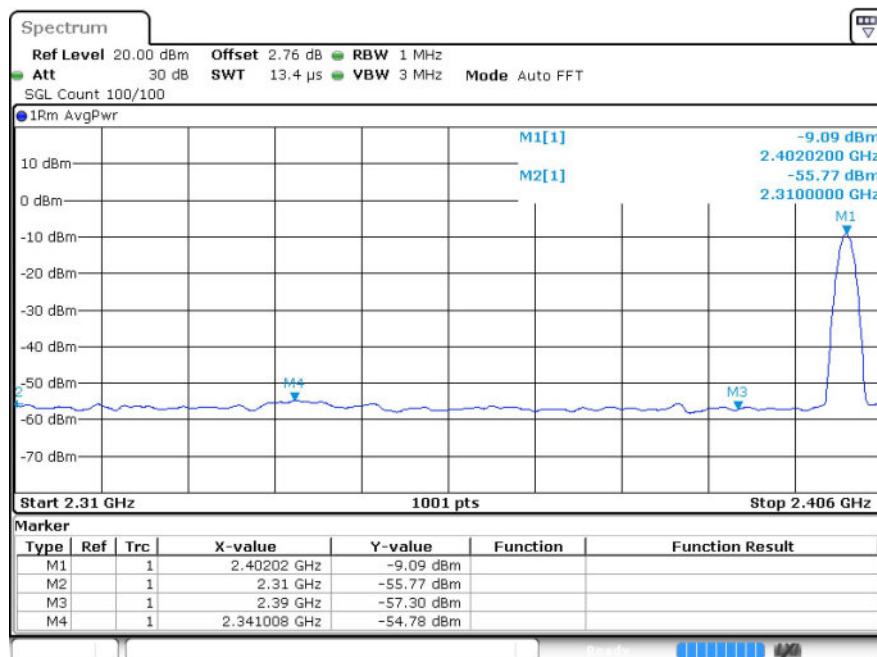
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



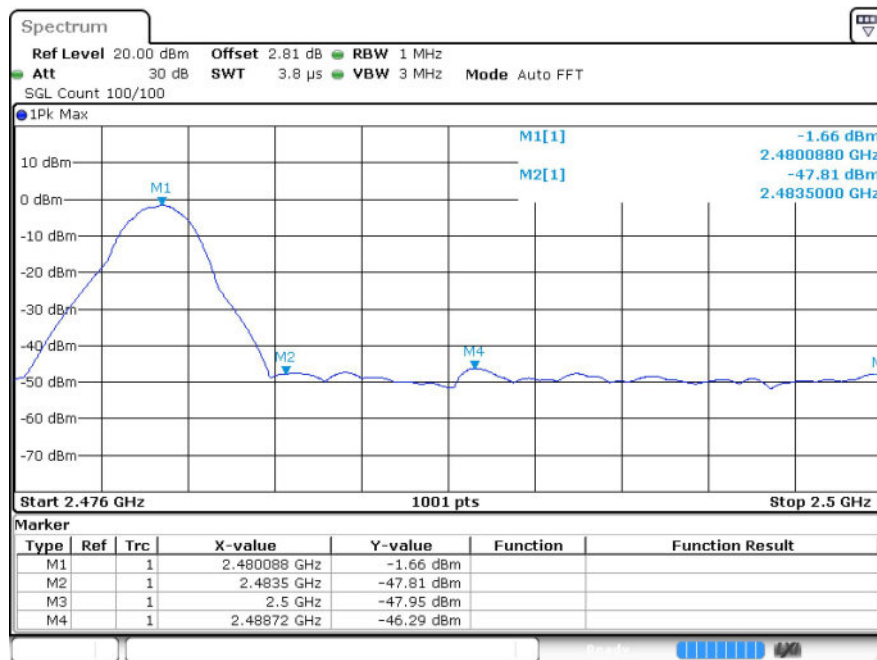
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



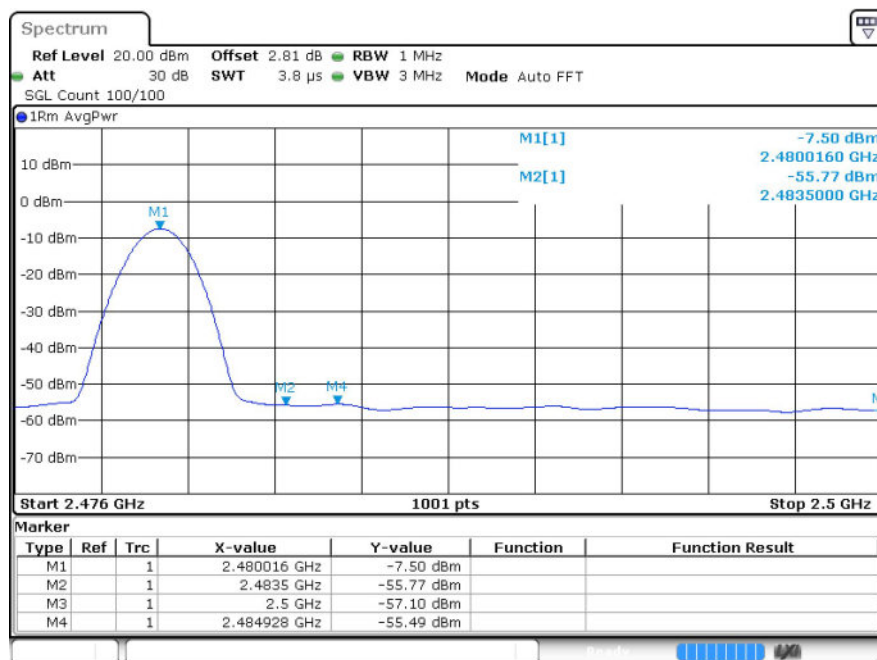
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



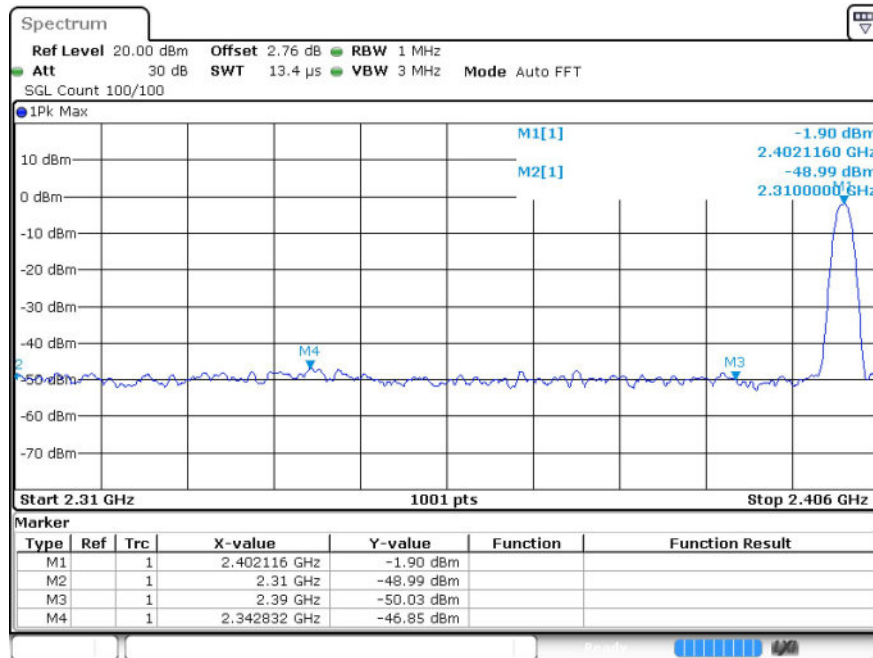
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



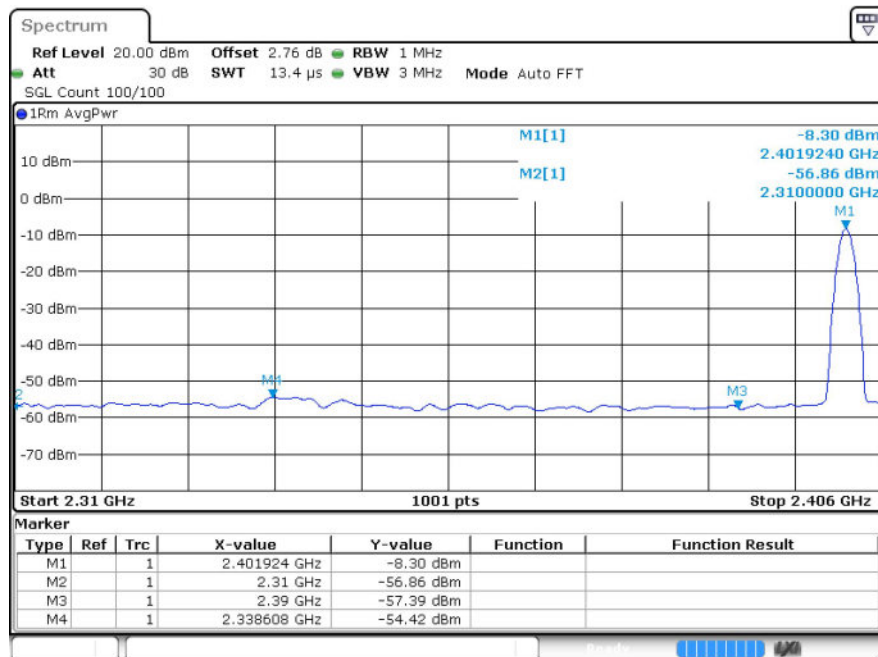
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



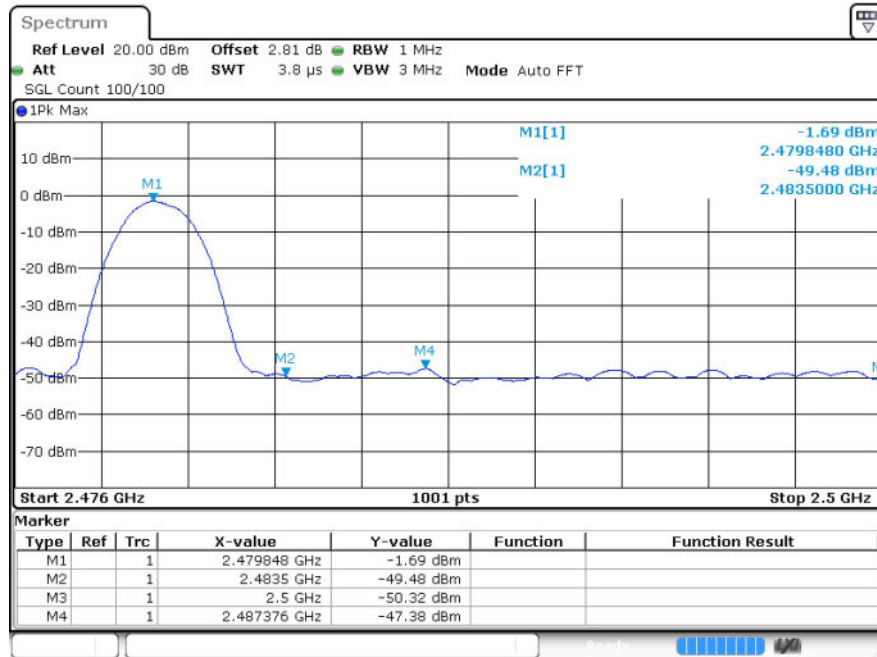
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



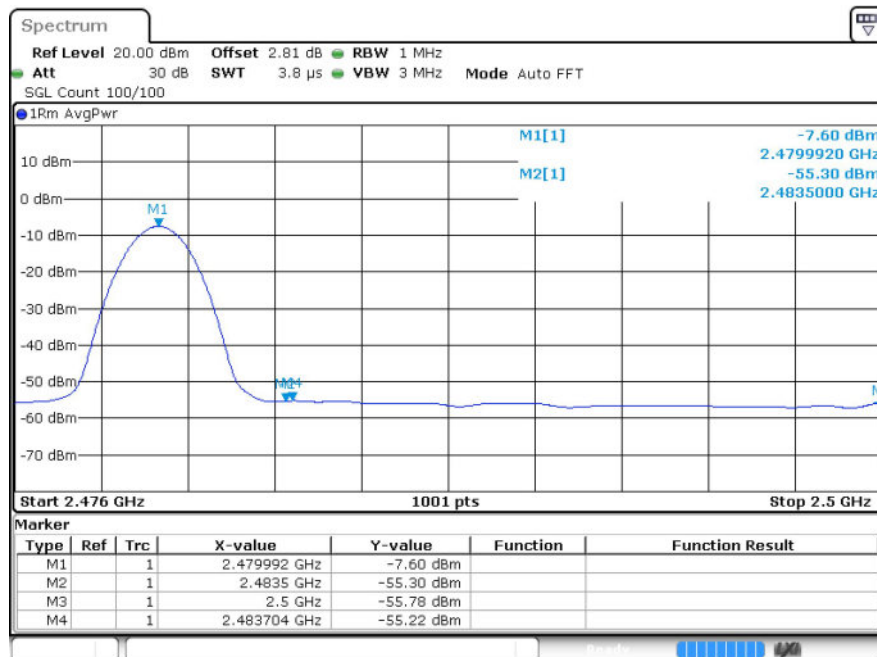
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---