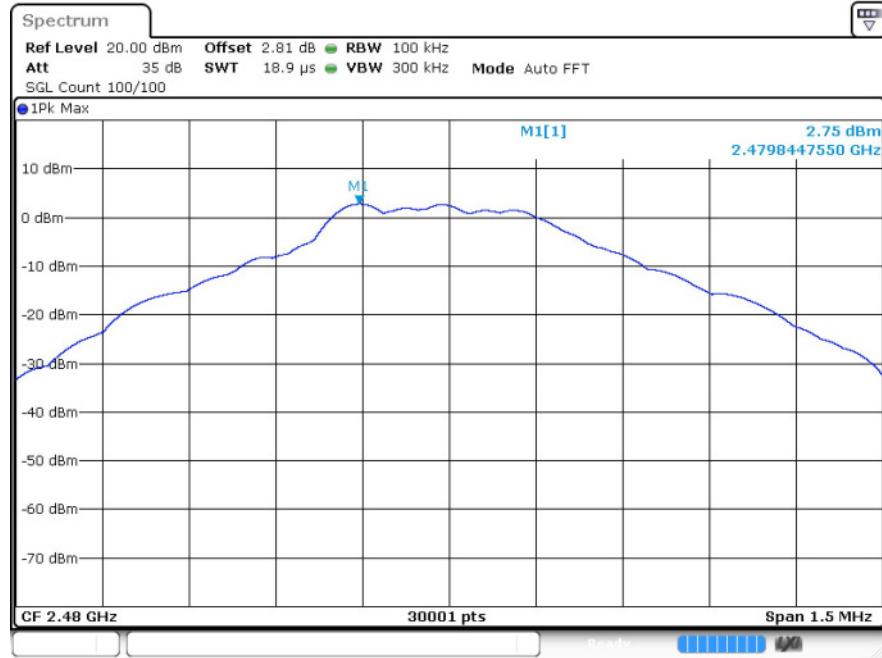
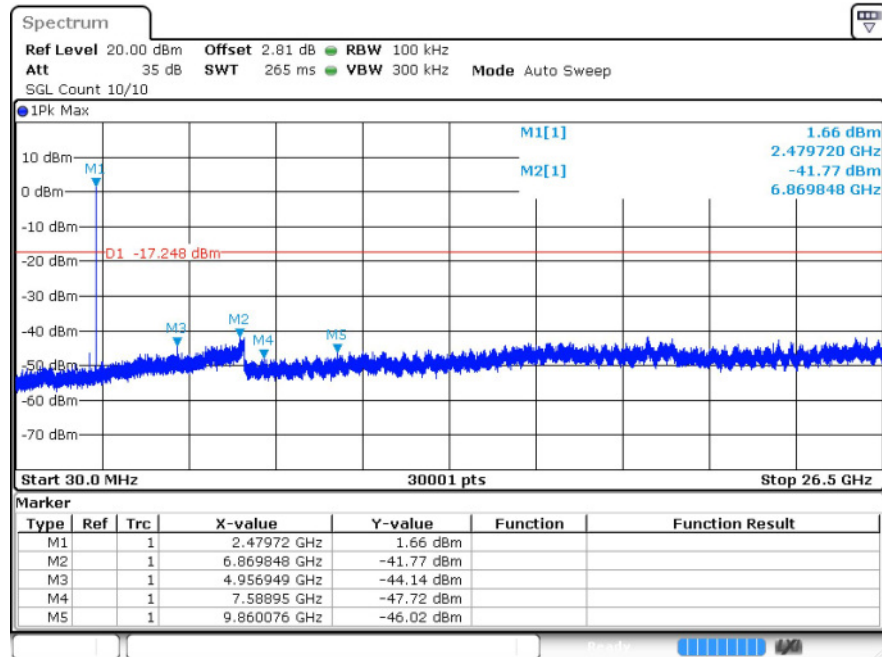


GFSK_HCH_Graphs

Pref

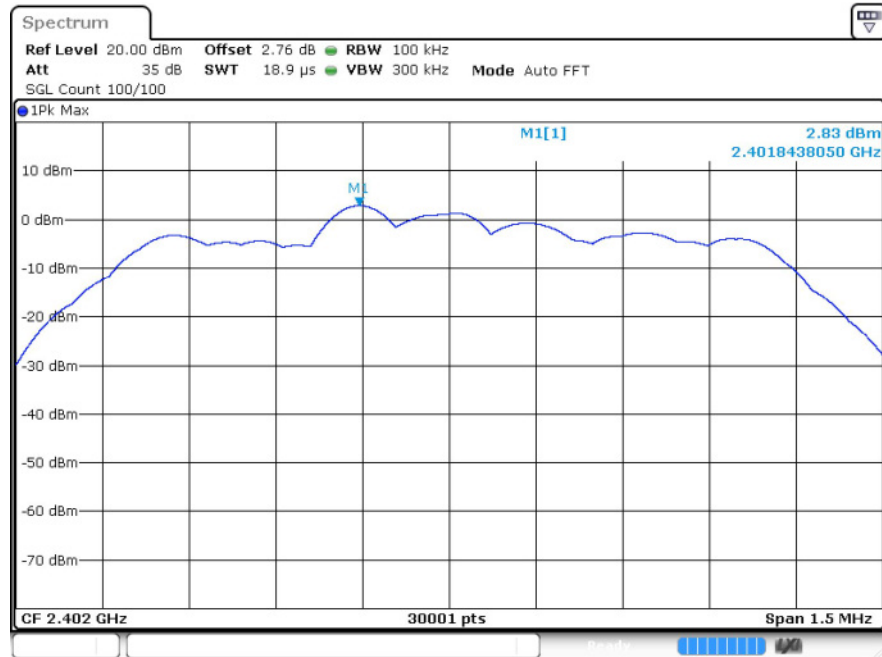


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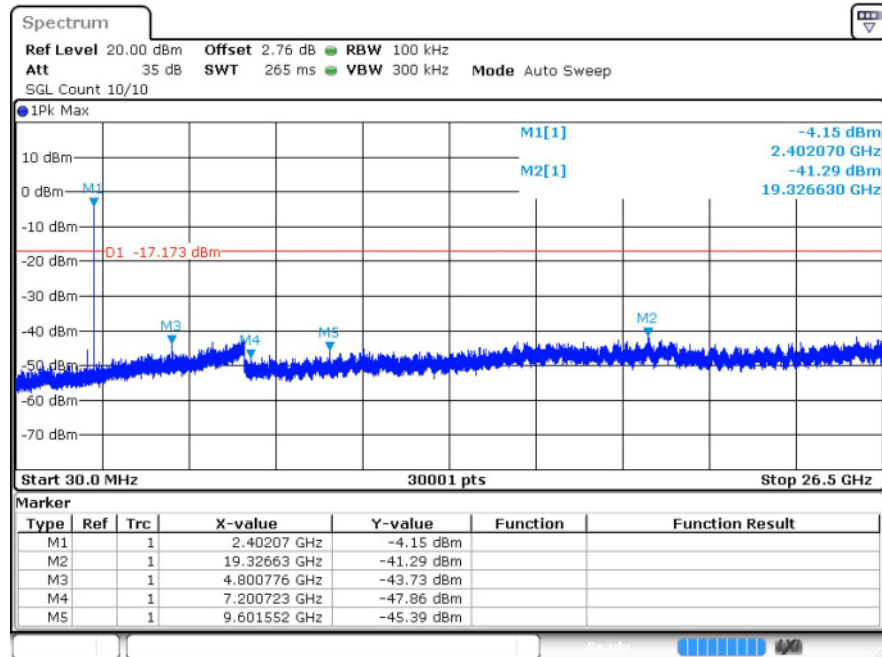


$\pi/4$ DQPSK_LCH_Graphs

Pref

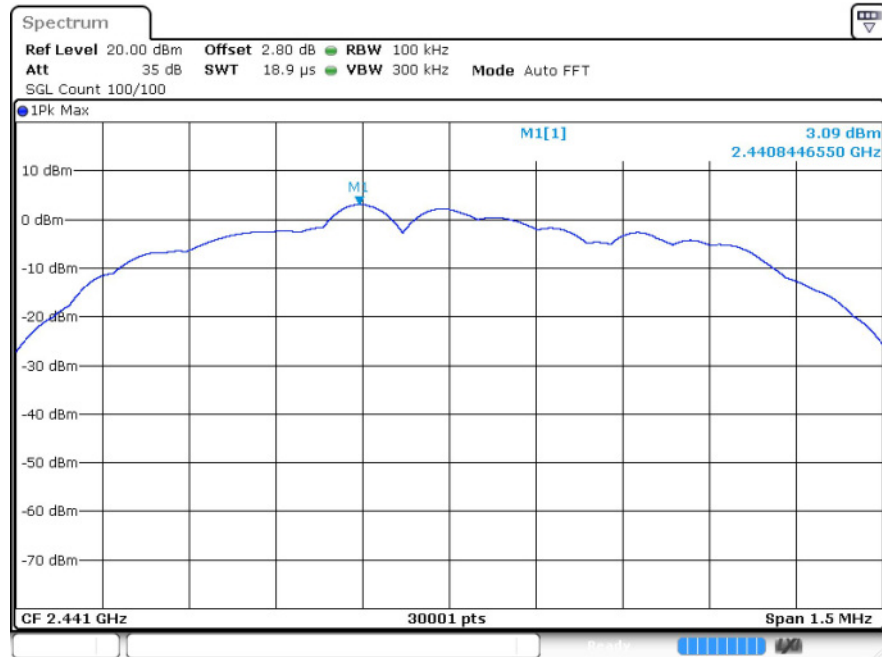


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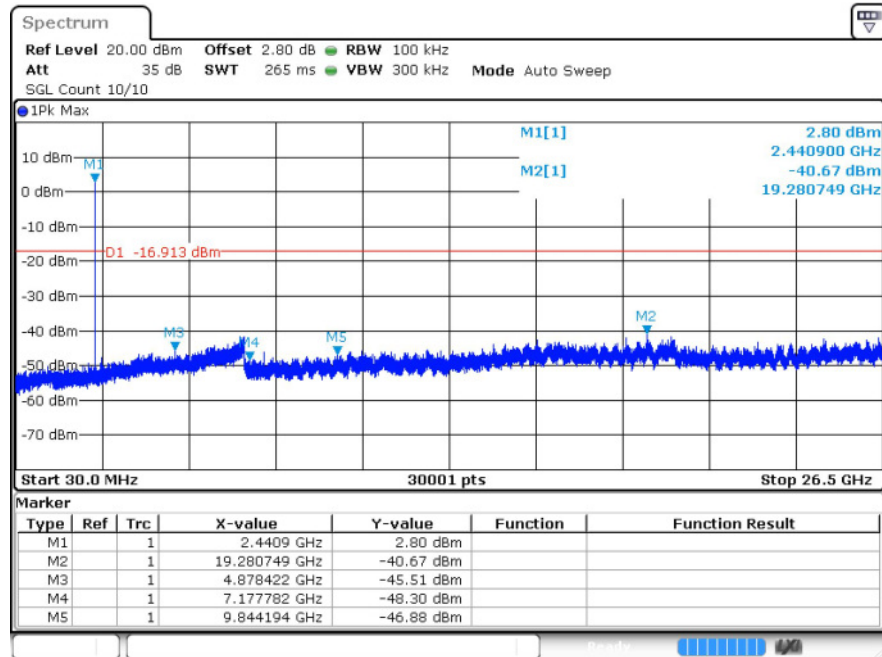


π /4DQPSK_MCH_Graphs

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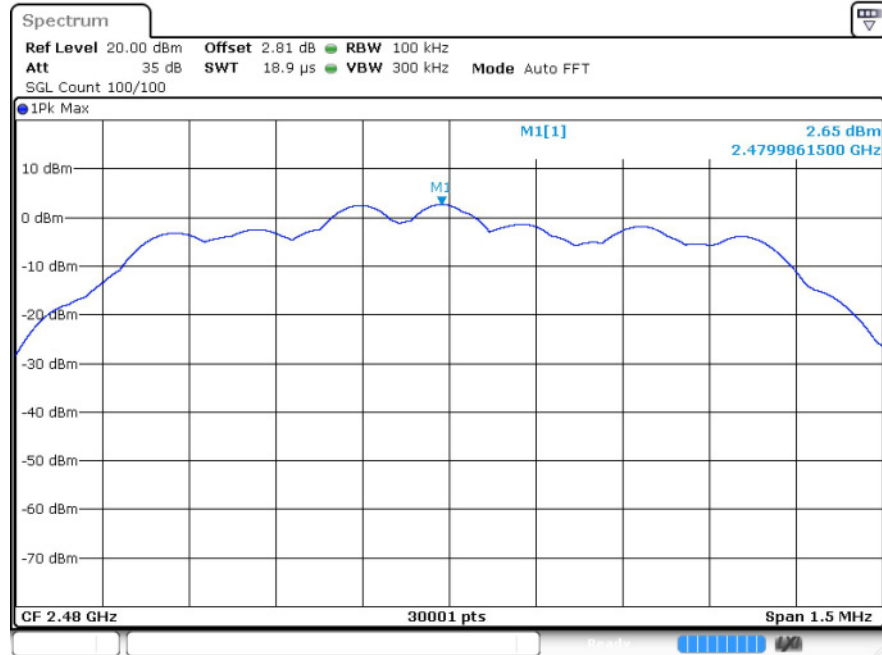


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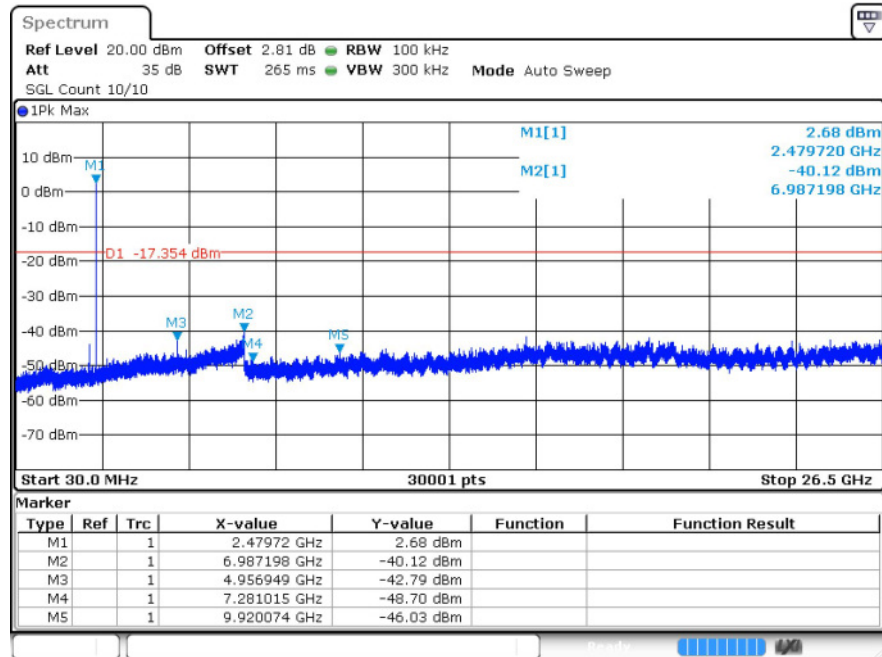


$\pi/4$ DQPSK_HCH_Graphs

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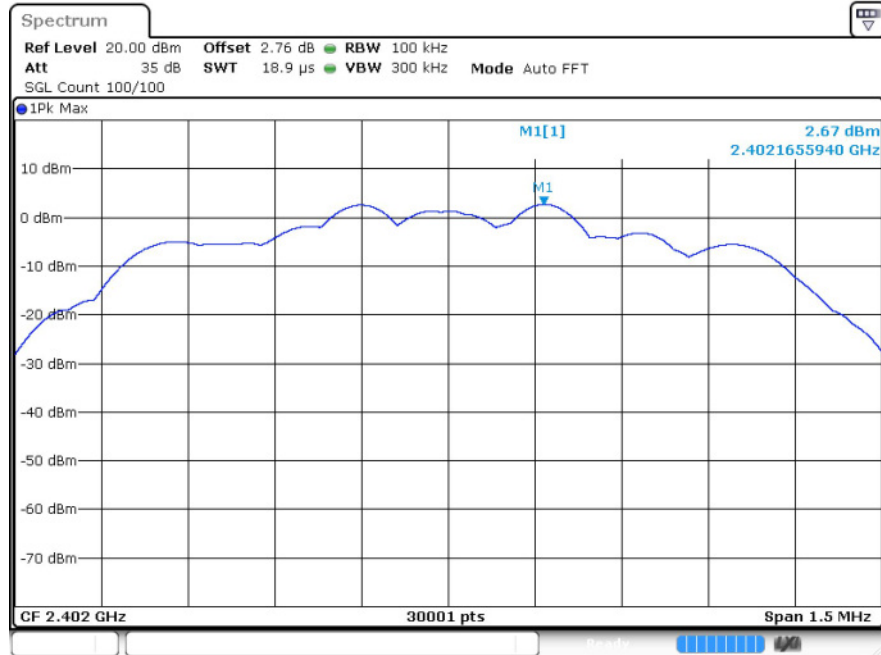


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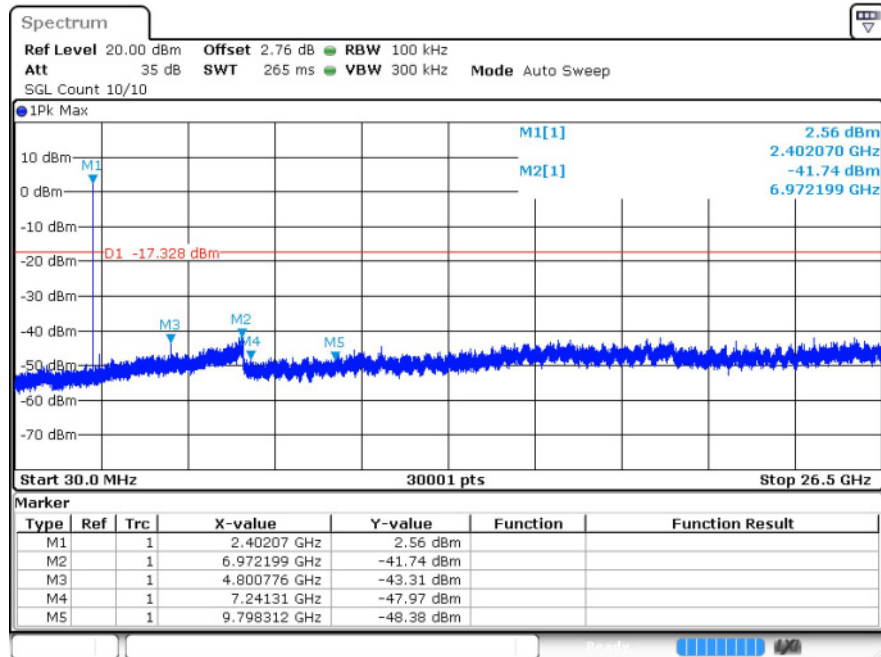


8DPSK_LCH_Graphs

Pref

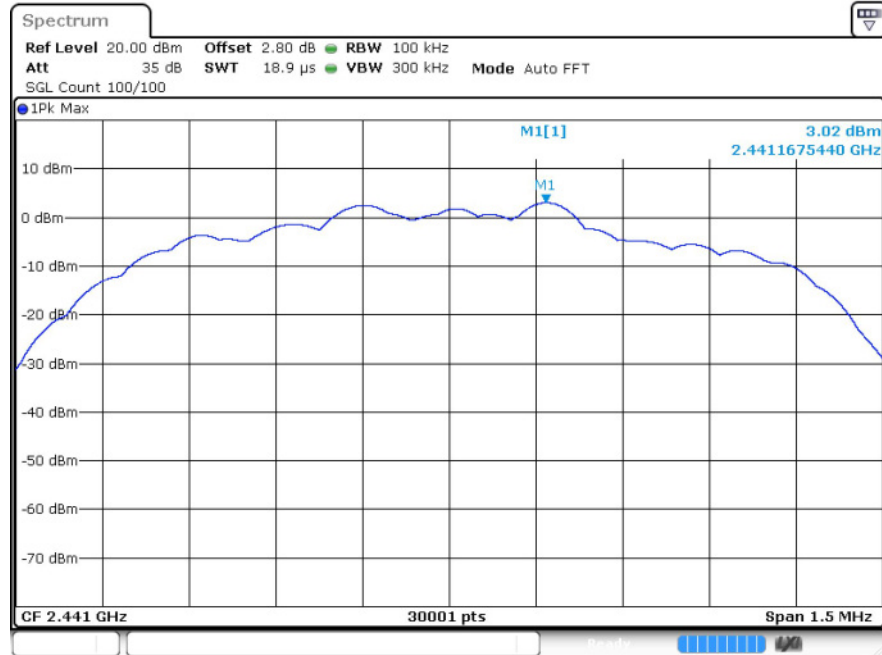


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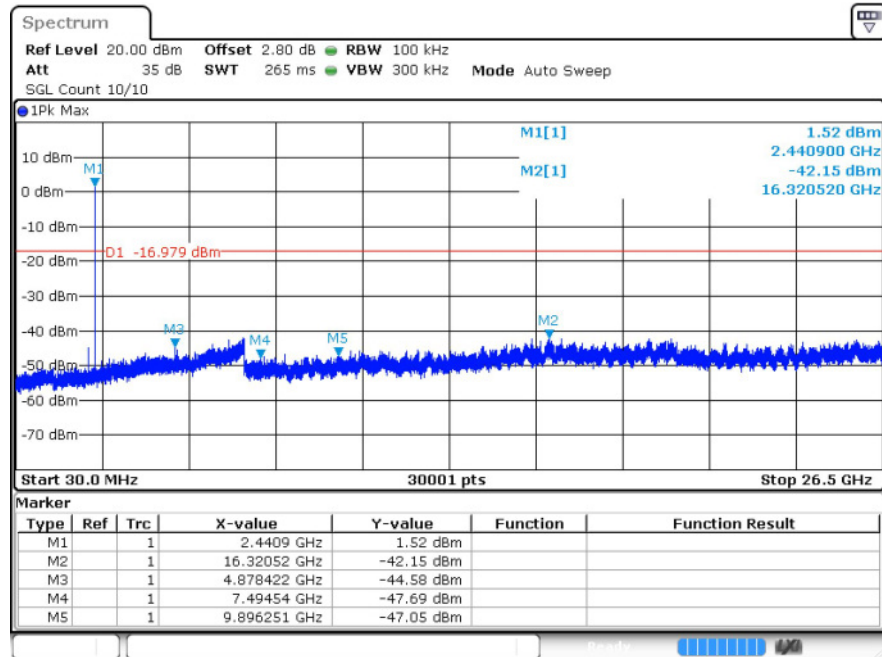


8DPSK_MCH_Graphs

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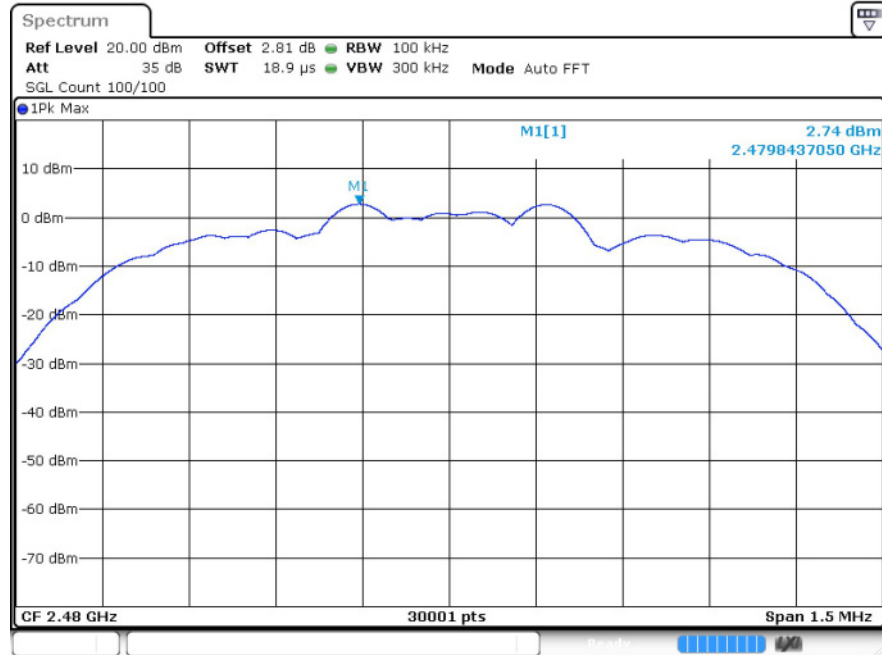


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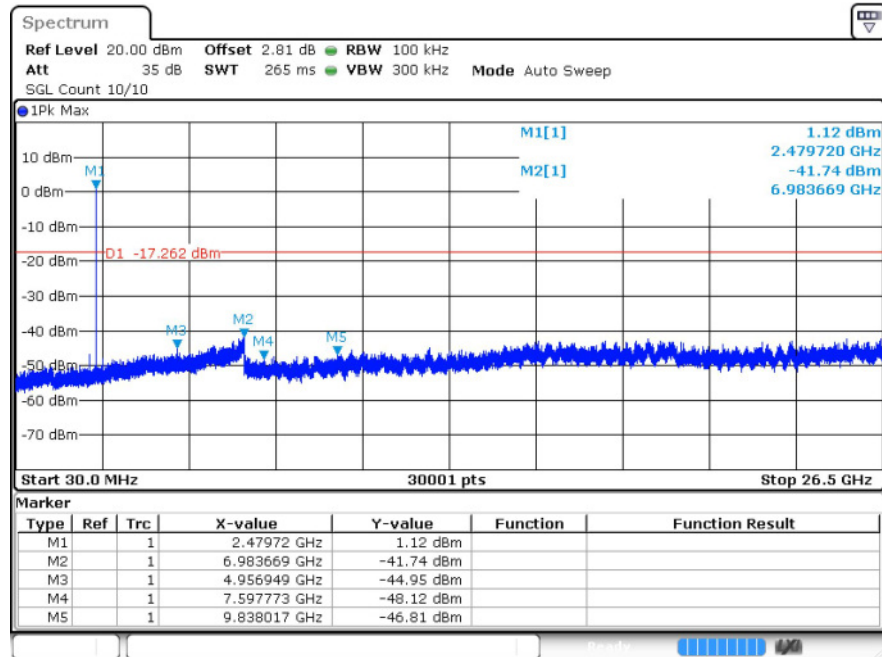


8DPSK_HCH_Graphs

Pref



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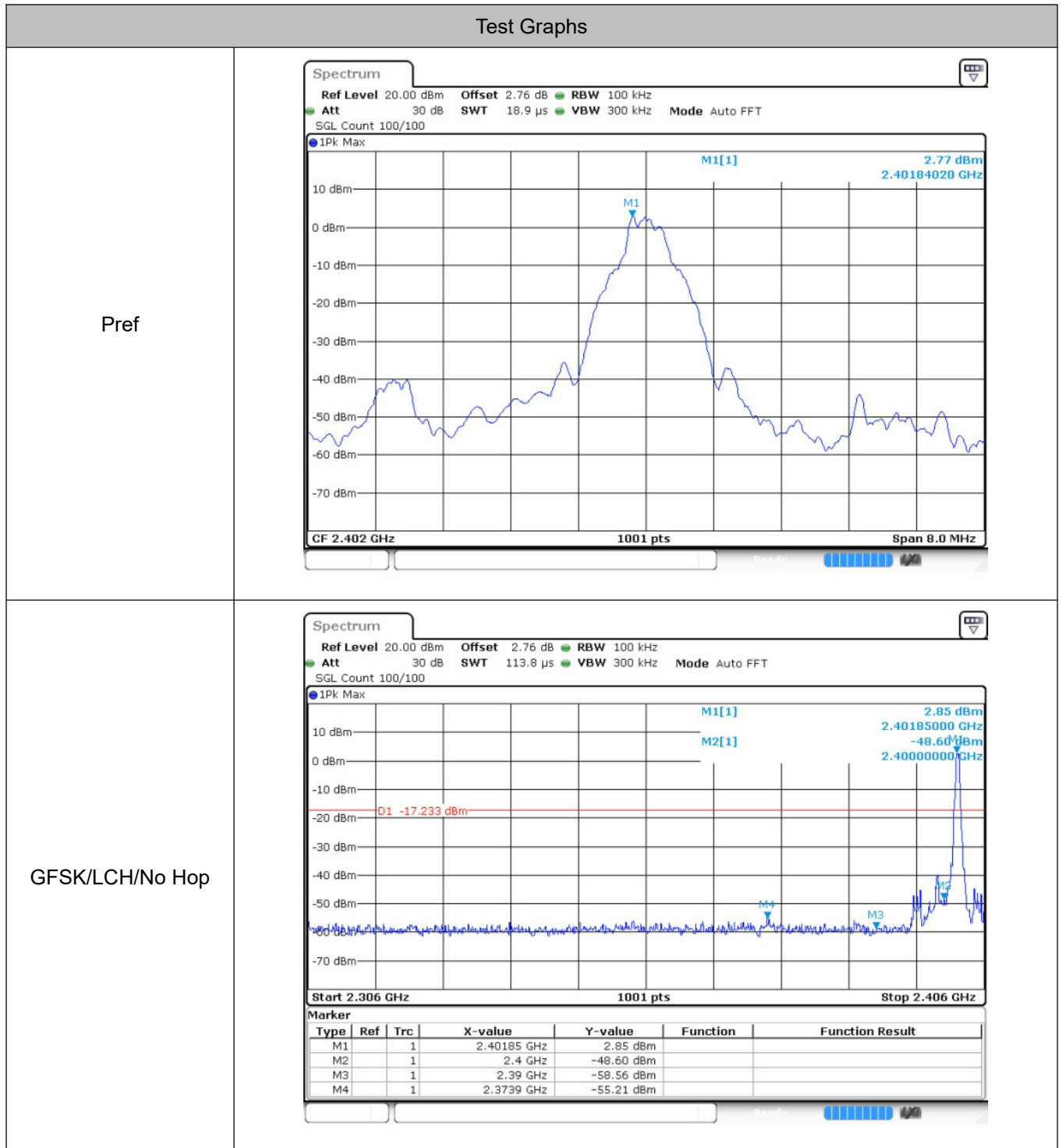
8 Band-edge for RF Conducted Emissions

8.1 Test Result

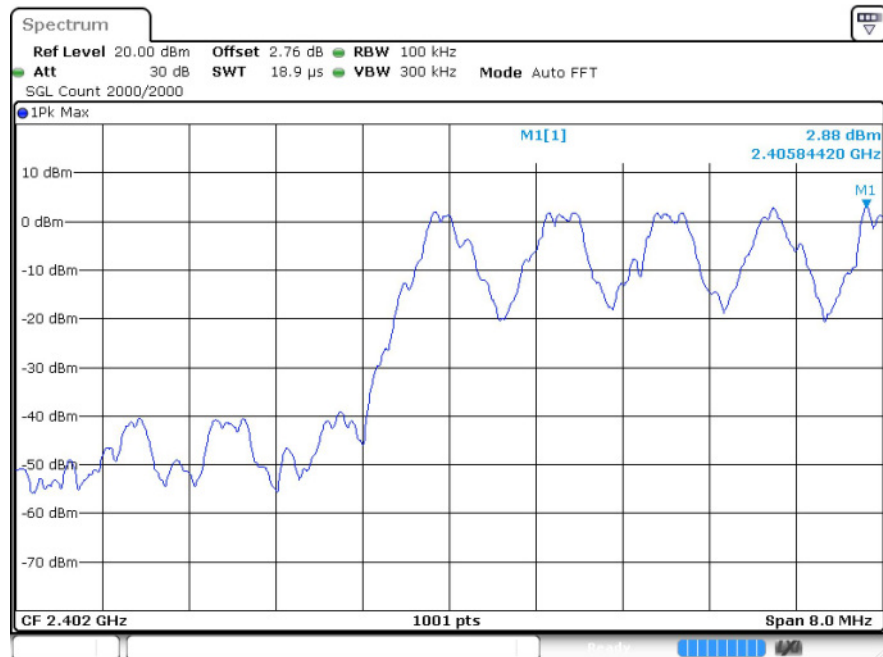
Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-57.97	-20	Pass
			On	-56.08	-20	Pass
	HCH	2480	Off	-50.97	-20	Pass
			On	-54.2	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-57.2	-20	Pass
			On	-55.84	-20	Pass
	HCH	2480	Off	-53.62	-20	Pass
			On	-56.94	-20	Pass
8DPSK	LCH	2402	Off	-56.84	-20	Pass
			On	-54.75	-20	Pass
	HCH	2480	Off	-51.47	-20	Pass
			On	-54.09	-20	Pass

Note: Left and right ear have been tested and the only shows the worst case mode.

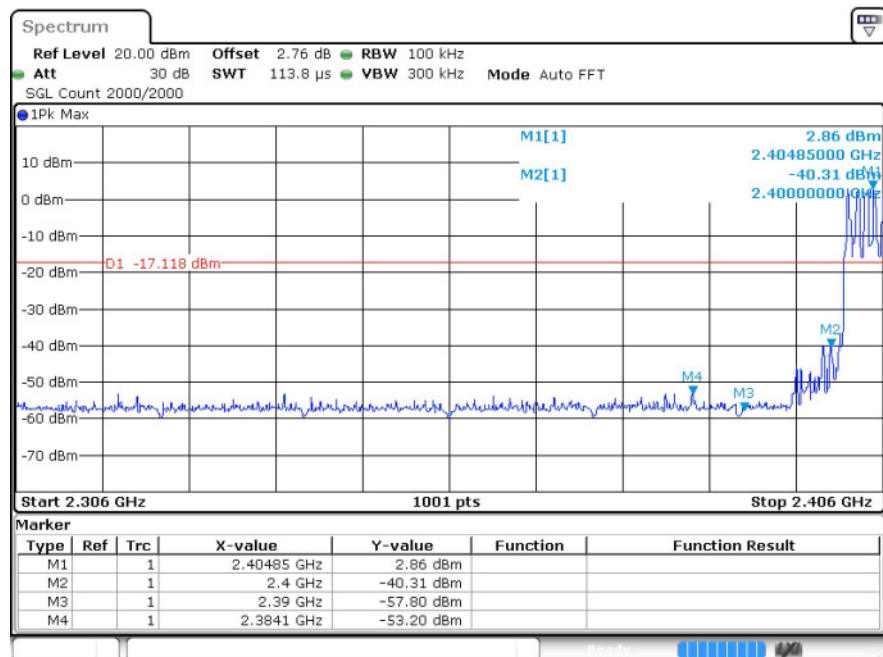
8.2 Test Graphs



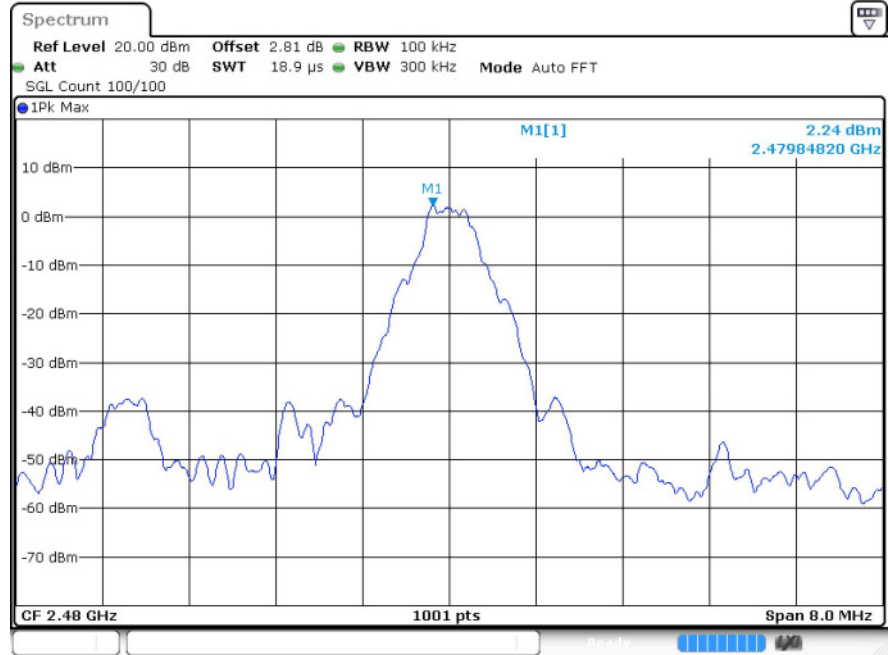
Ref



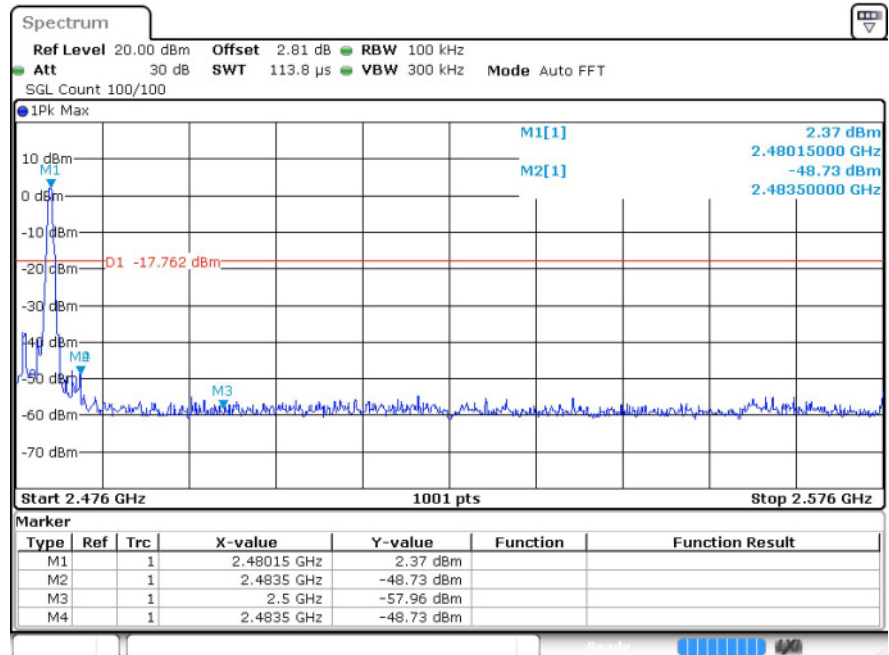
GFSK/LCH/Hop



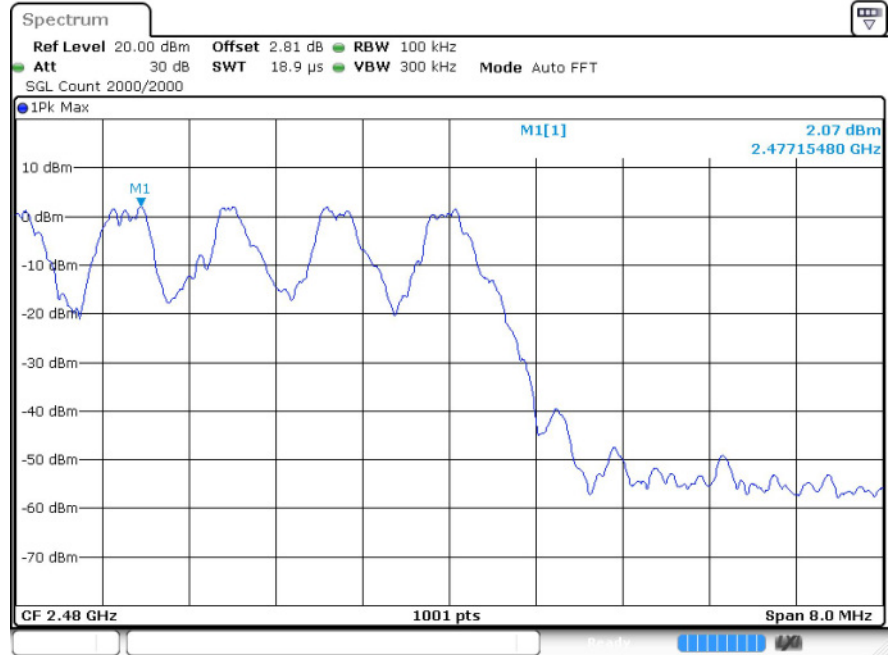
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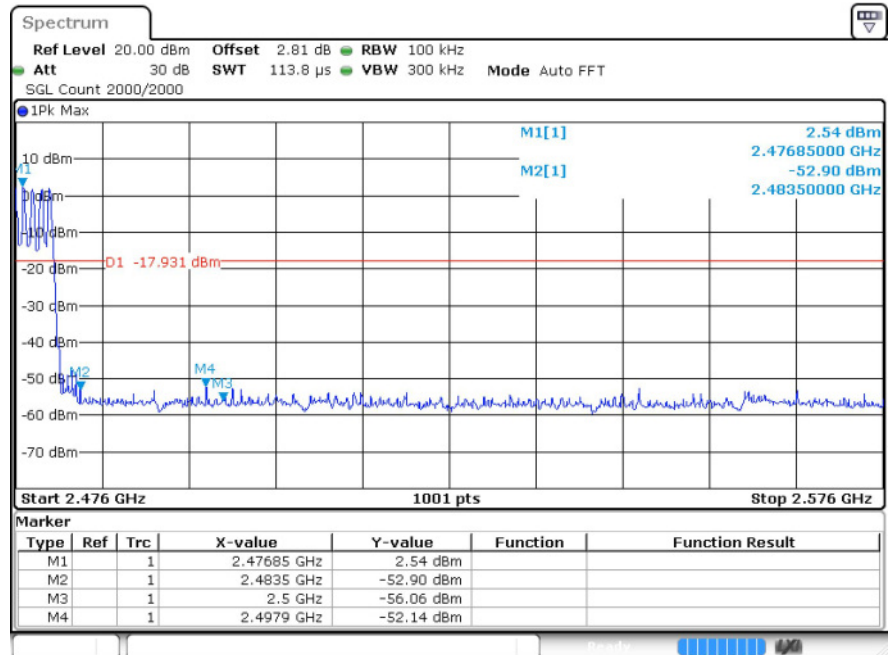
GFSK/HCH/No Hop



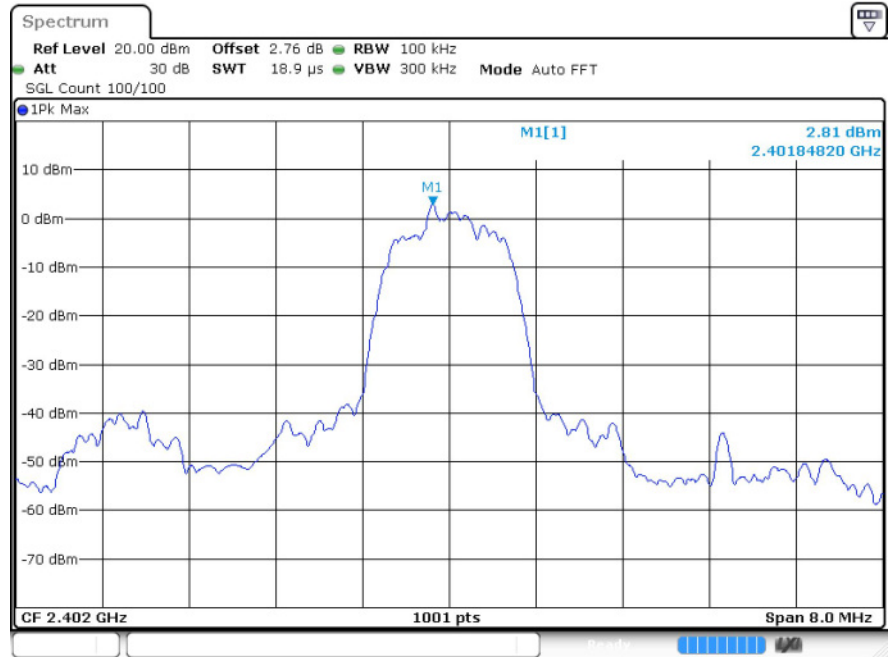
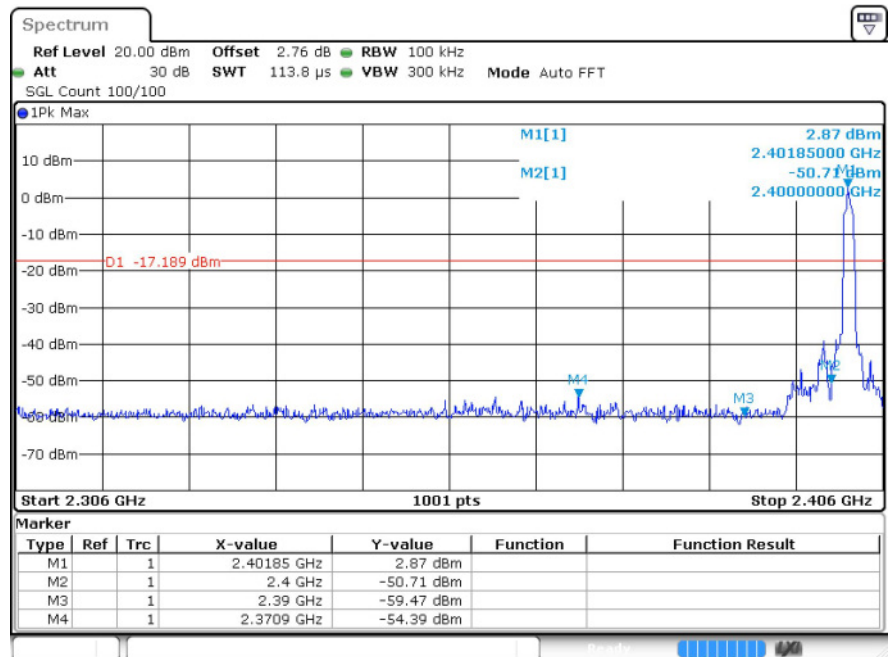
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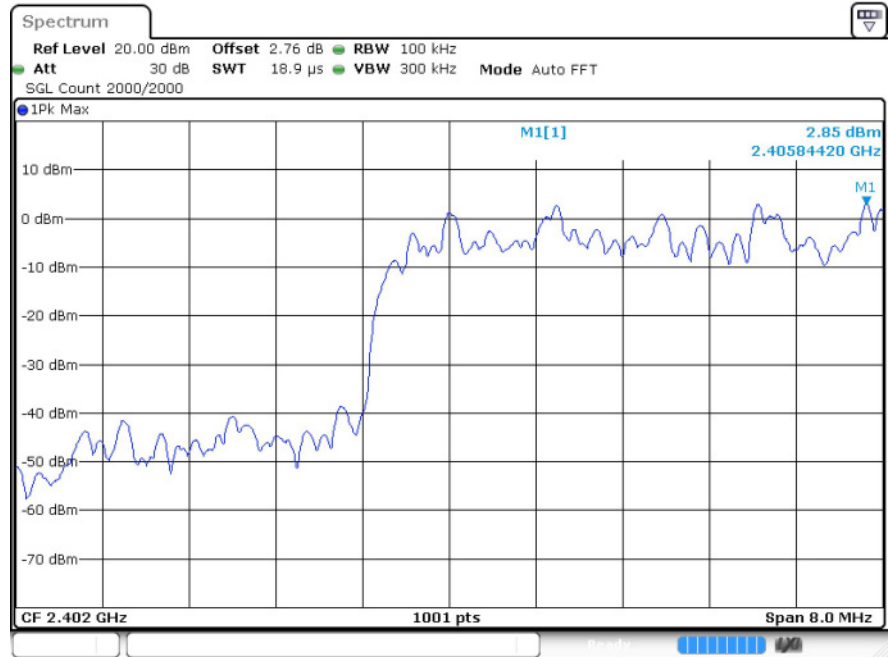
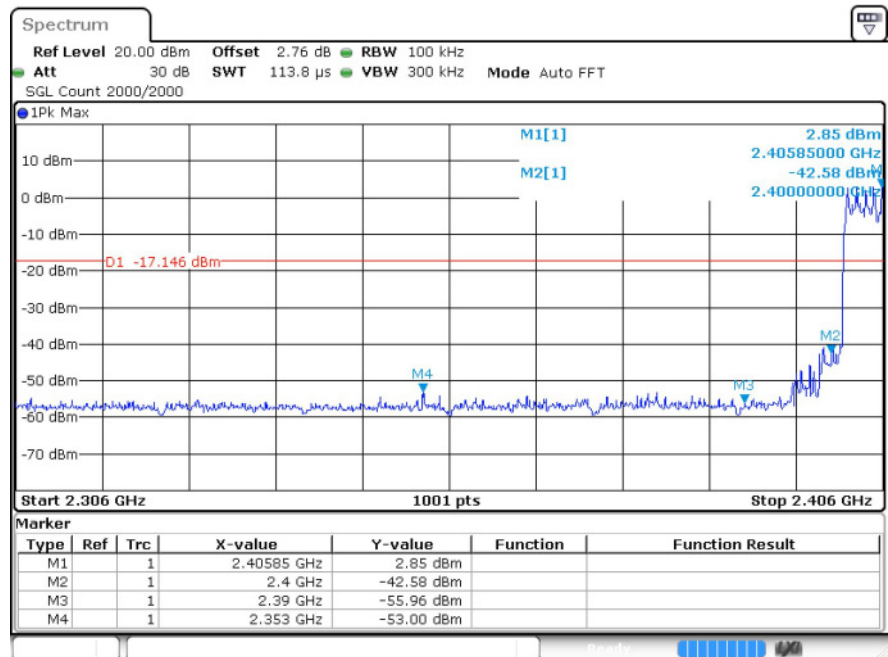
GFSK/HCH/Hop



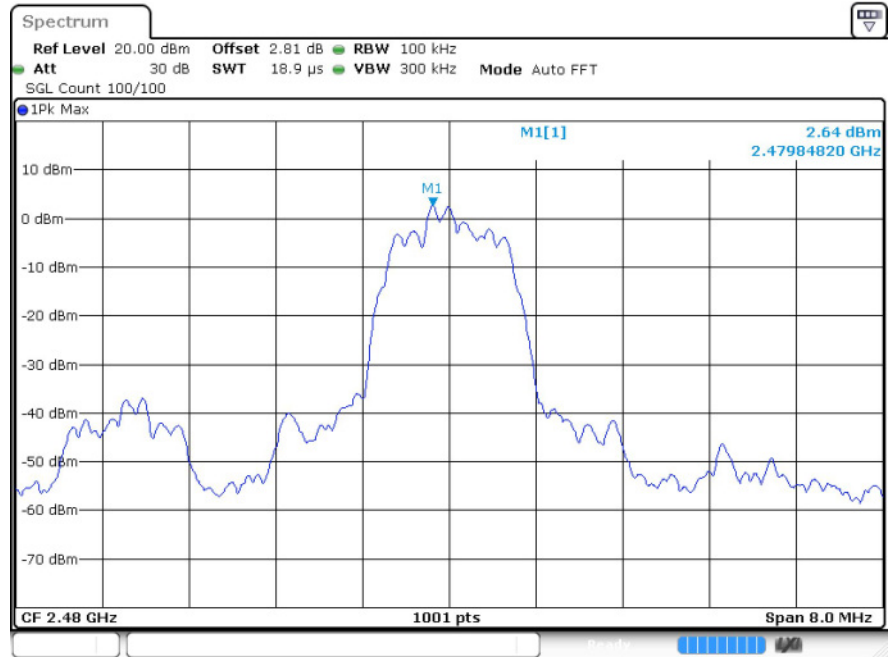
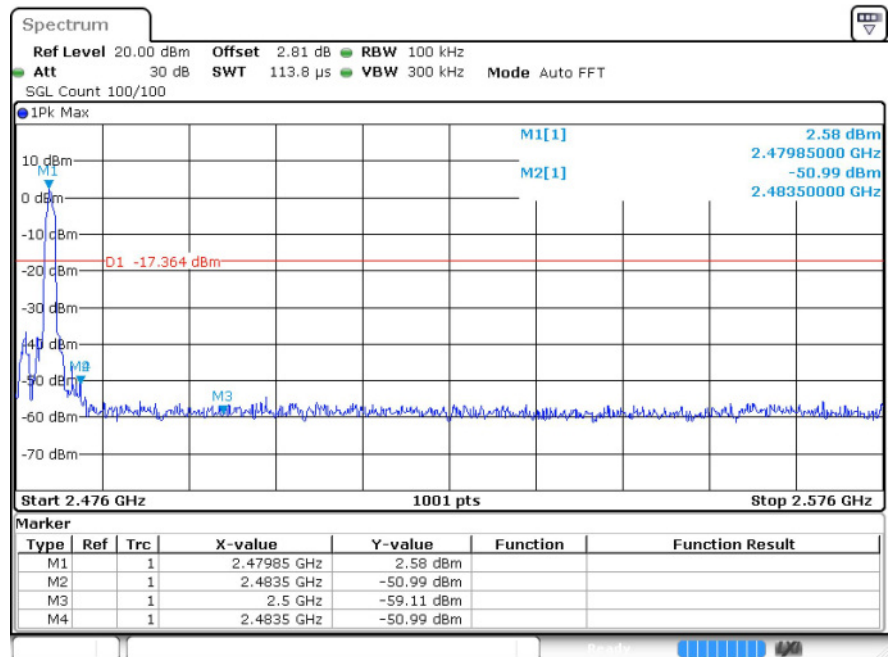
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 $\pi/4$ DQPSK/LCH/No Hop


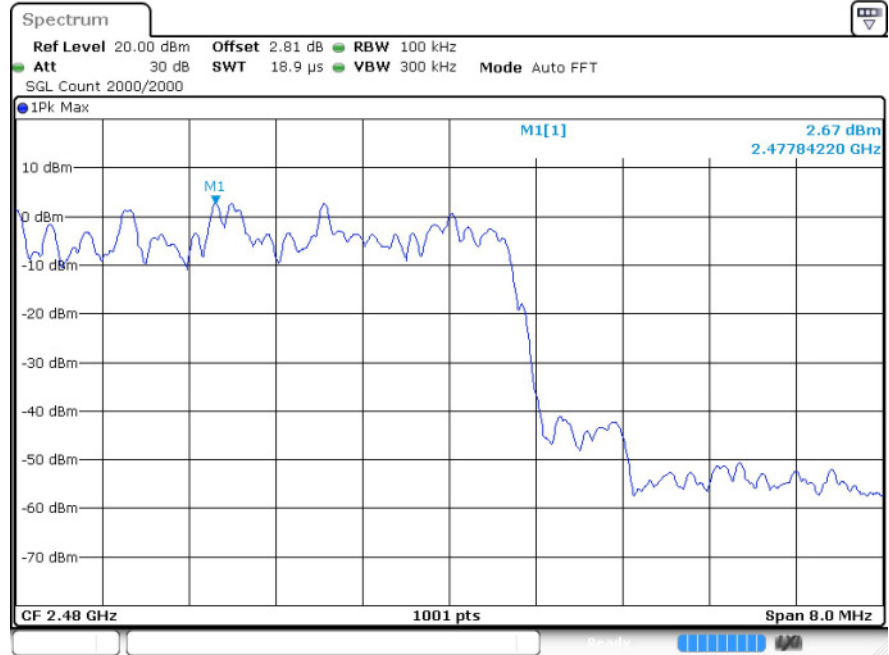
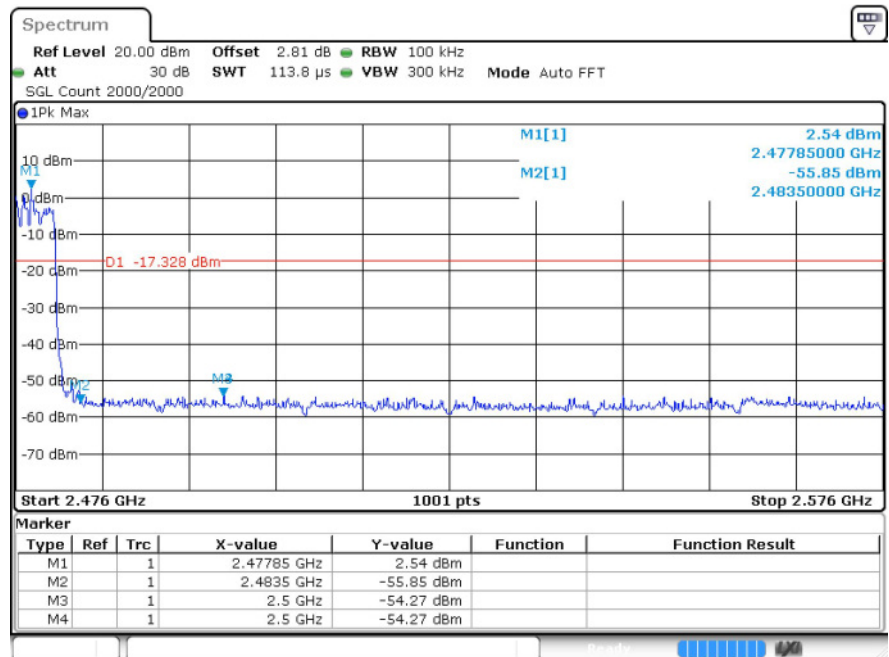
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 $\pi/4$ DQPSK/LCH/Hop


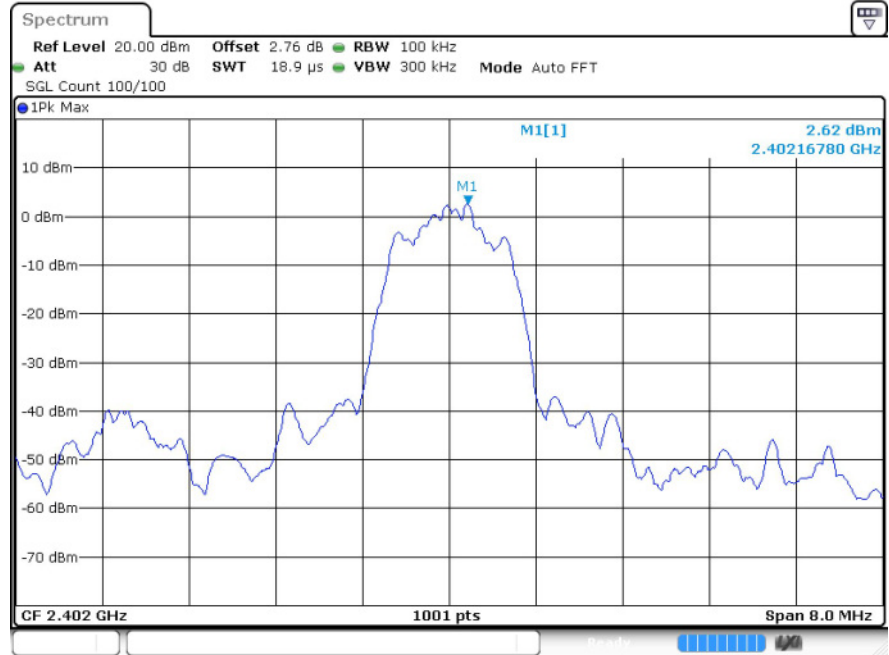
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 $\pi/4$ DQPSK/HCH/No
Hop


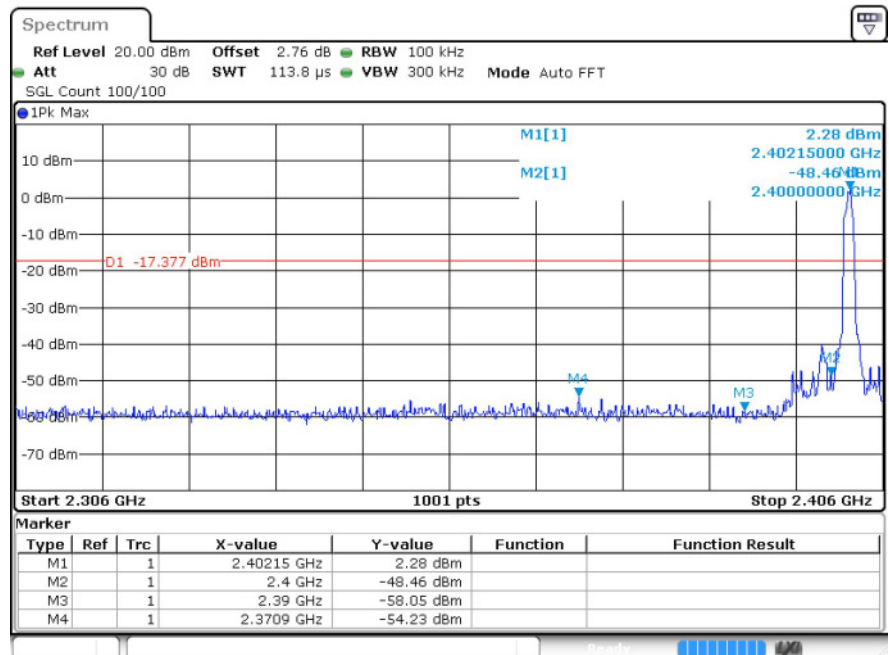
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 $\pi/4$ DQPSK/HCH/Hop


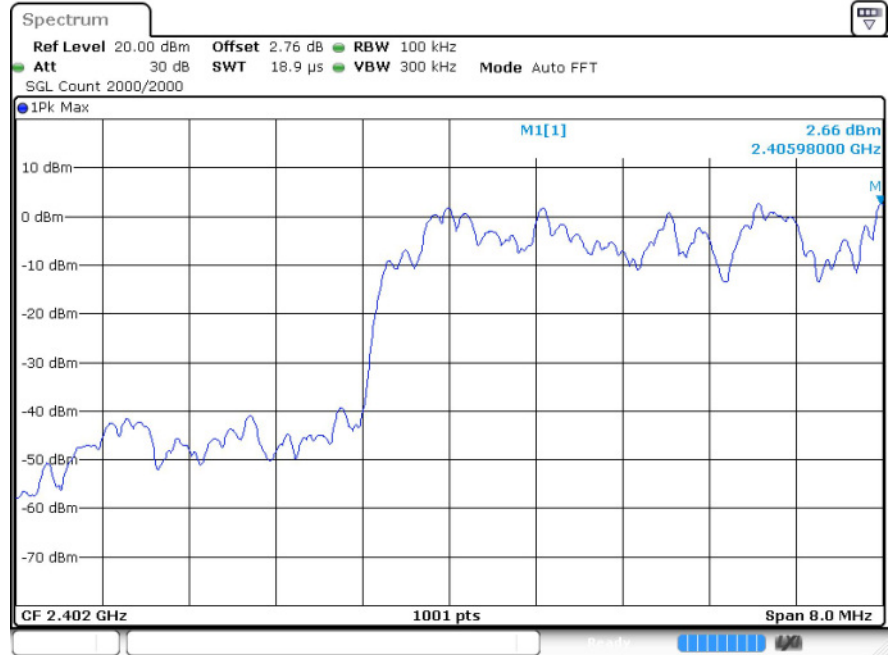
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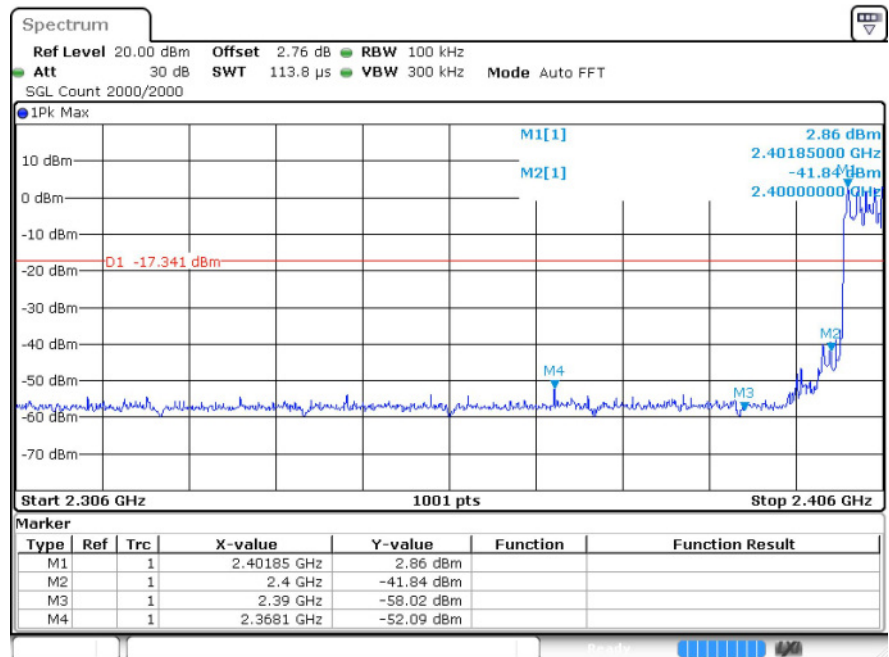
8DPSK/LCH/No Hop



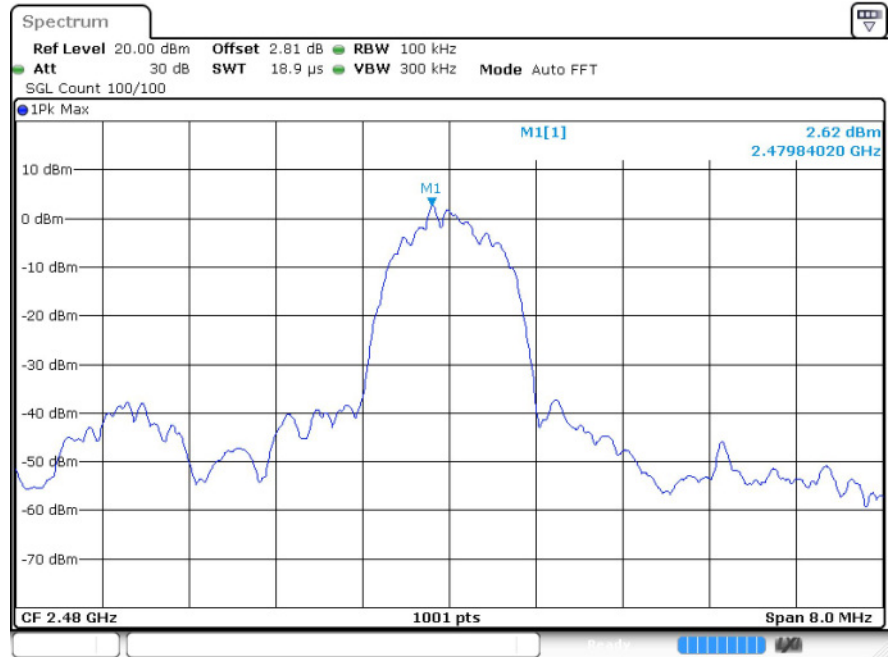
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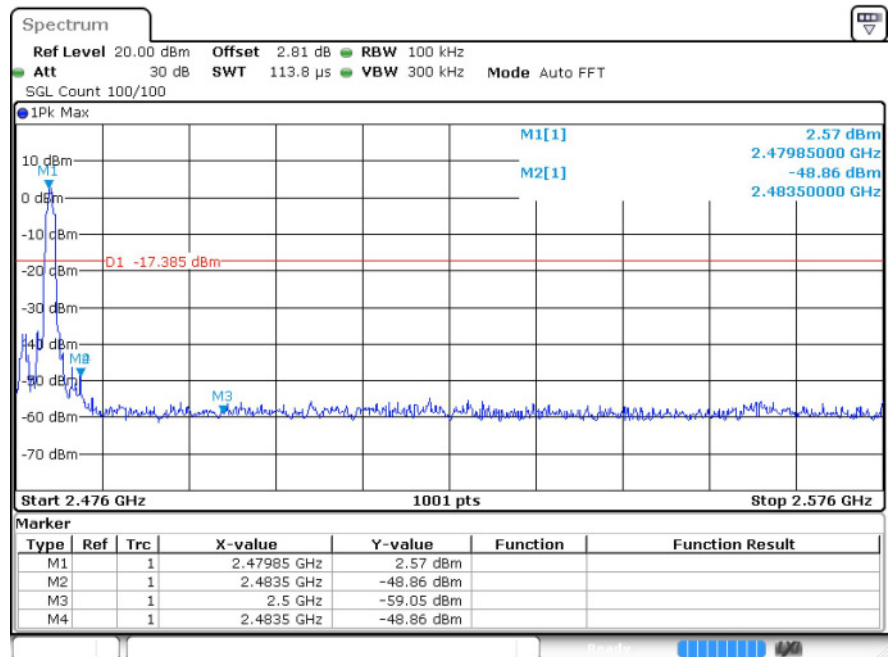
8DPSK/LCH/Hop



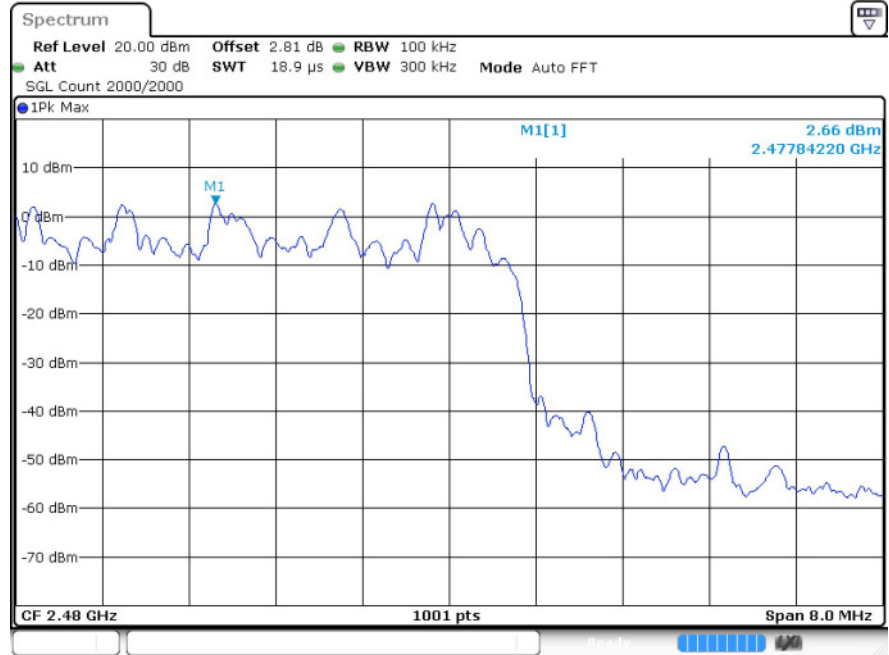
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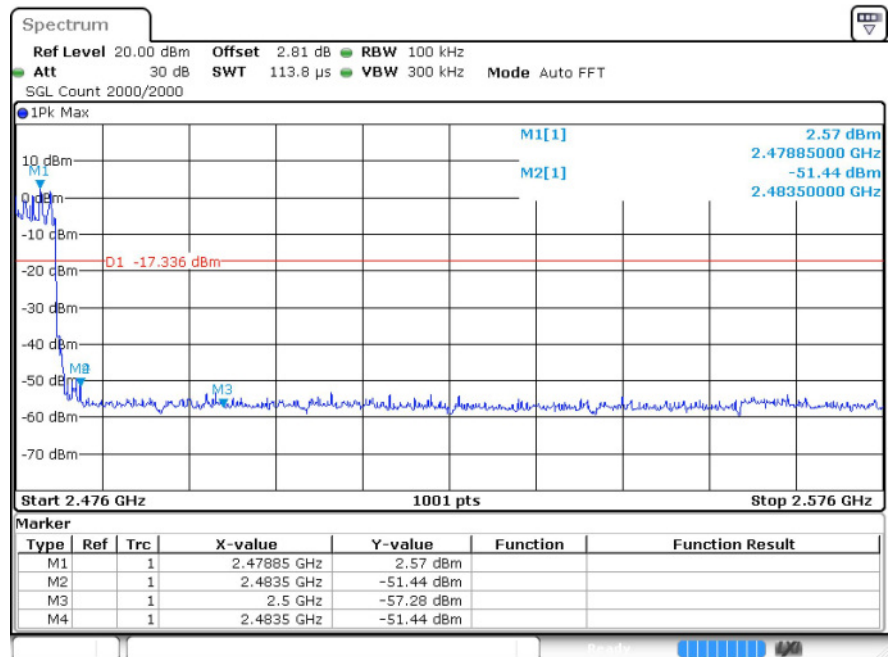
8DPSK/HCH/No Hop



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	-51.14	2	-	46.12	PEAK	74	Pass
	Off	2310.0	-56.68	2	5.06	45.64	AV	54	Pass
	Off	2340.048	-46.71	2	-	50.55	PEAK	74	Pass
	Off	2338.128	-54.75	2	5.06	47.57	AV	54	Pass
	Off	2390.0	-50.19	2	-	47.07	PEAK	74	Pass
	Off	2390.0	-55.95	2	5.06	46.37	AV	54	Pass
	Off	2483.5	-44.18	2	-	53.08	PEAK	74	Pass
	Off	2483.5	-52.6	2	5.06	49.72	AV	54	Pass
	Off	2483.512	-44.28	2	-	52.98	PEAK	74	Pass
	Off	2483.512	-52.67	2	5.06	49.65	AV	54	Pass
	Off	2500.0	-48.75	2	-	48.51	PEAK	74	Pass
	Off	2500.0	-55.56	2	5.06	46.76	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-49.87	2	-	47.39	PEAK	74	Pass
	Off	2310.0	-57.26	2	4.95	44.95	AV	54	Pass
	Off	2339.664	-45.98	2	-	51.28	PEAK	74	Pass
	Off	2339.376	-54.73	2	4.95	47.48	AV	54	Pass
	Off	2390.0	-49.32	2	-	47.94	PEAK	74	Pass
	Off	2390.0	-56.57	2	4.95	45.64	AV	54	Pass
	Off	2483.5	-47.29	2	-	49.97	PEAK	74	Pass
	Off	2483.5	-54.53	2	4.95	47.68	AV	54	Pass
	Off	2486.656	-45.55	2	-	51.71	PEAK	74	Pass
	Off	2483.512	-54.62	2	4.95	47.59	AV	54	Pass
	Off	2500.0	-47.21	2	-	50.05	PEAK	74	Pass
	Off	2500.0	-55.8	2	4.95	46.41	AV	54	Pass
8DPSK	Off	2310.0	-50.45	2	-	46.81	PEAK	74	Pass
	Off	2310.0	-56.18	2	4.95	46.03	AV	54	Pass
	Off	2338.992	-45.72	2	-	51.54	PEAK	74	Pass
	Off	2338.128	-54.66	2	4.95	47.55	AV	54	Pass

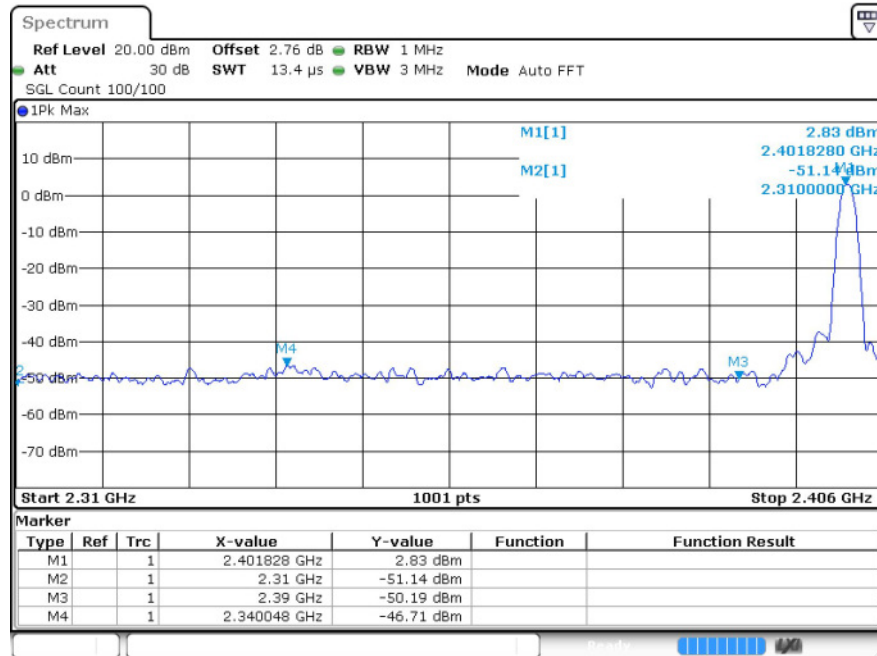


Off	2390.0	-49.91	2	-	47.35	PEAK	74	Pass
Off	2390.0	-57	2	4.95	45.21	AV	54	Pass
Off	2483.5	-45.18	2	-	52.08	PEAK	74	Pass
Off	2483.5	-53.45	2	4.84	48.65	AV	54	Pass
Off	2483.512	-45.26	2	-	52	PEAK	74	Pass
Off	2483.512	-53.51	2	4.84	48.59	AV	54	Pass
Off	2500.0	-48.96	2	-	48.3	PEAK	74	Pass
Off	2500.0	-55.3	2	4.84	46.8	AV	54	Pass

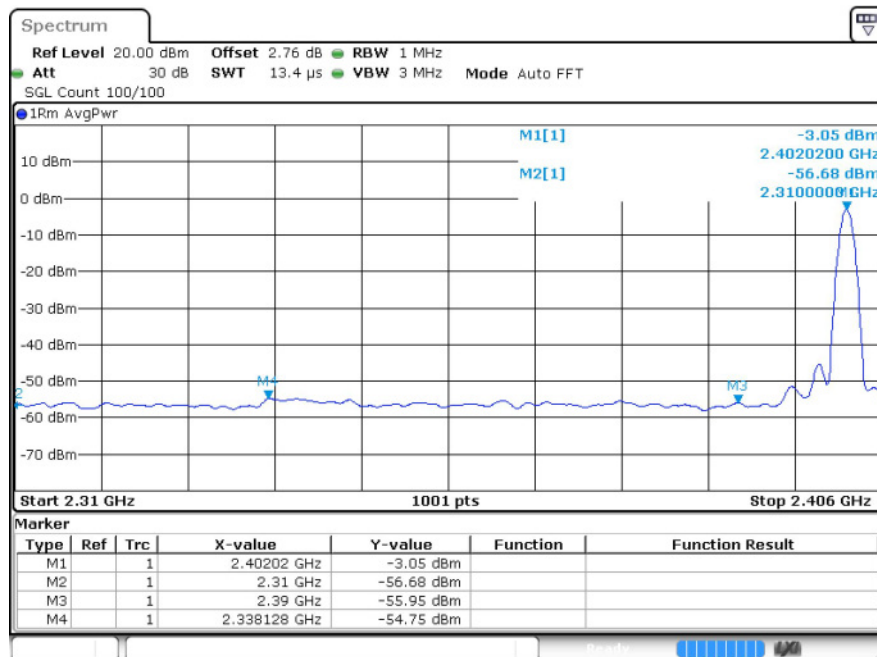
Note: Left and right ear have been tested and the only shows the worst case mode.

9.2 Test Graphs

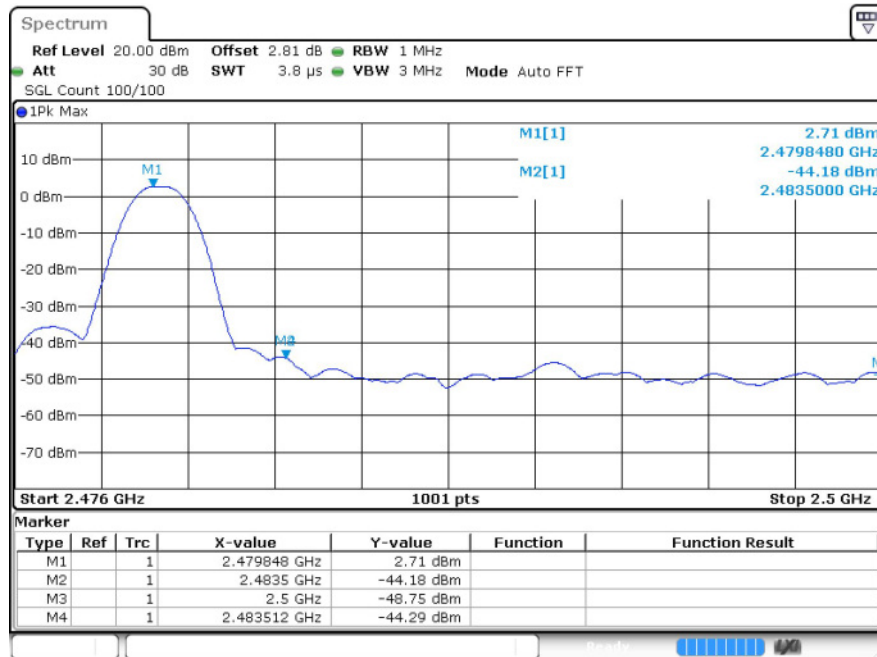
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



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)

