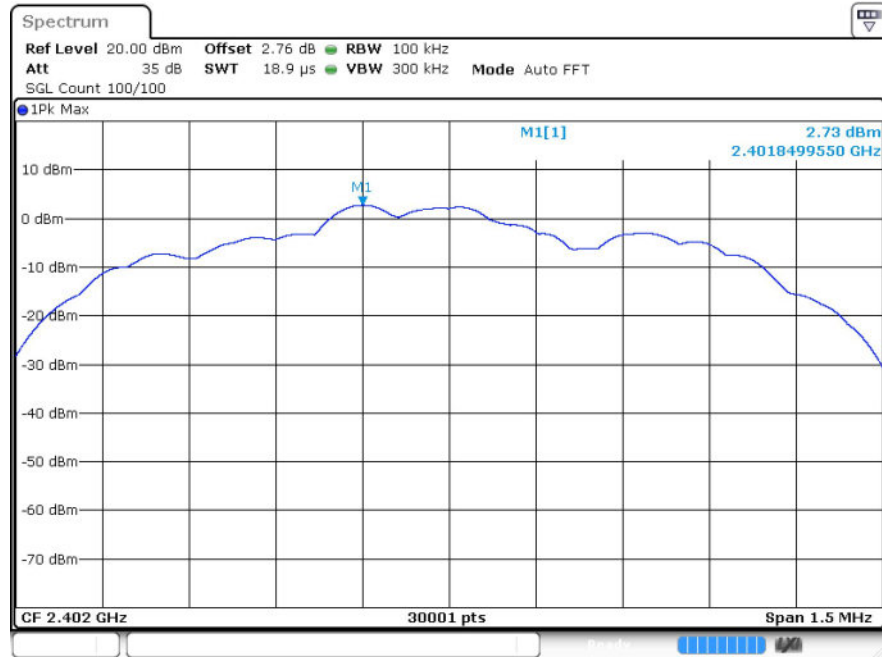
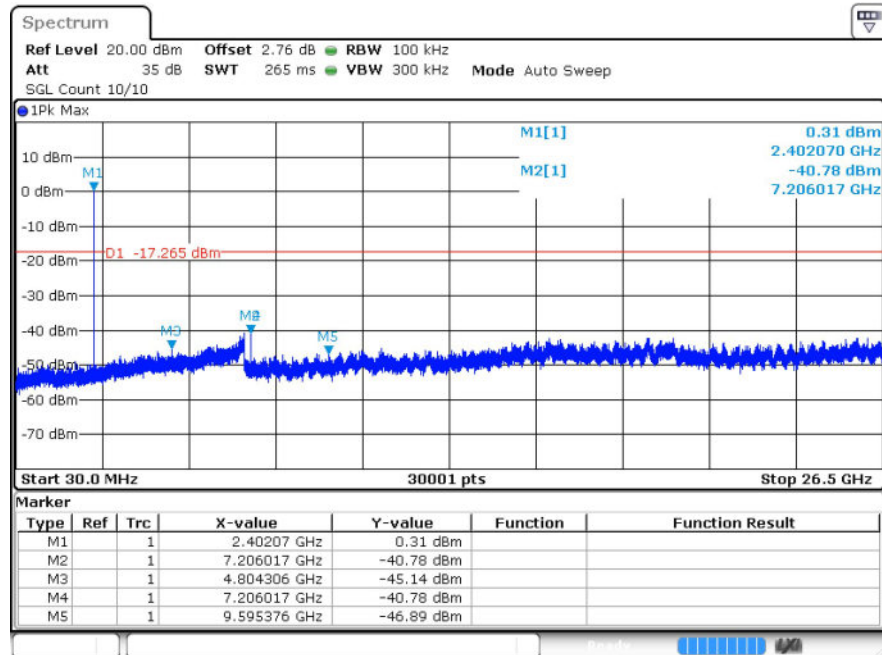


$\pi/4$ DQPSK_LCH_Graphs

Pref

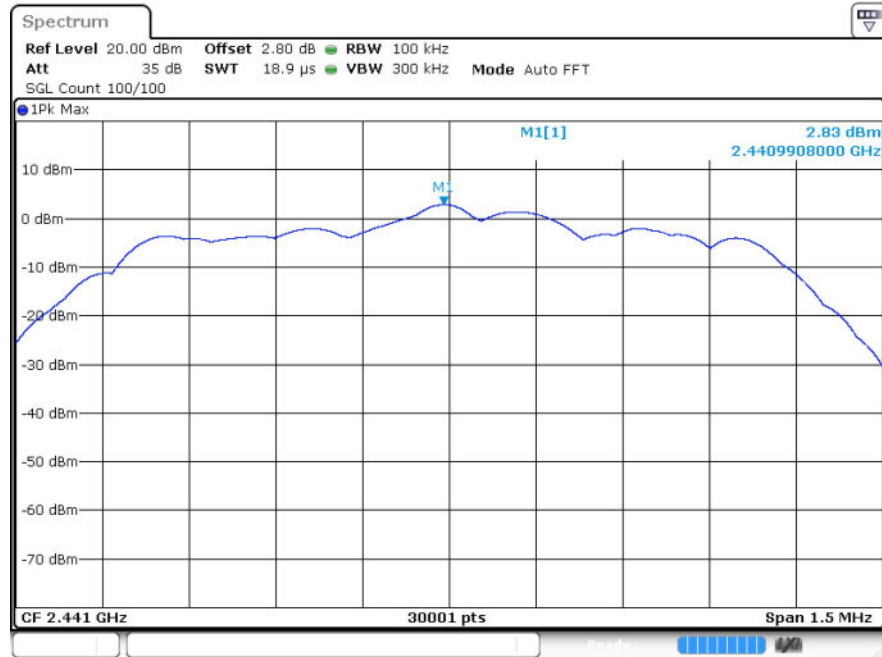


Puw

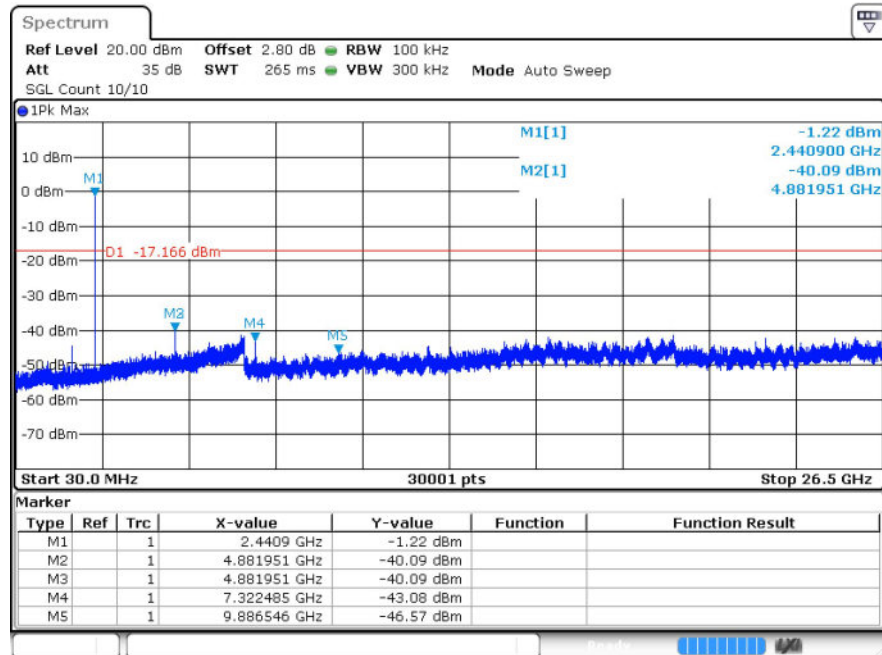


$\pi/4$ DQPSK_MCH_Graphs

Pref

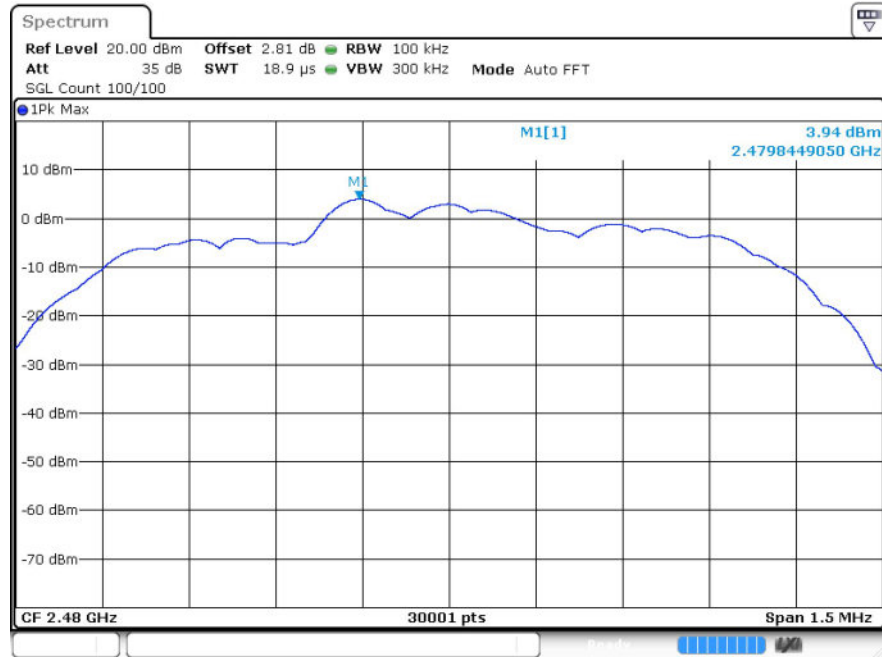


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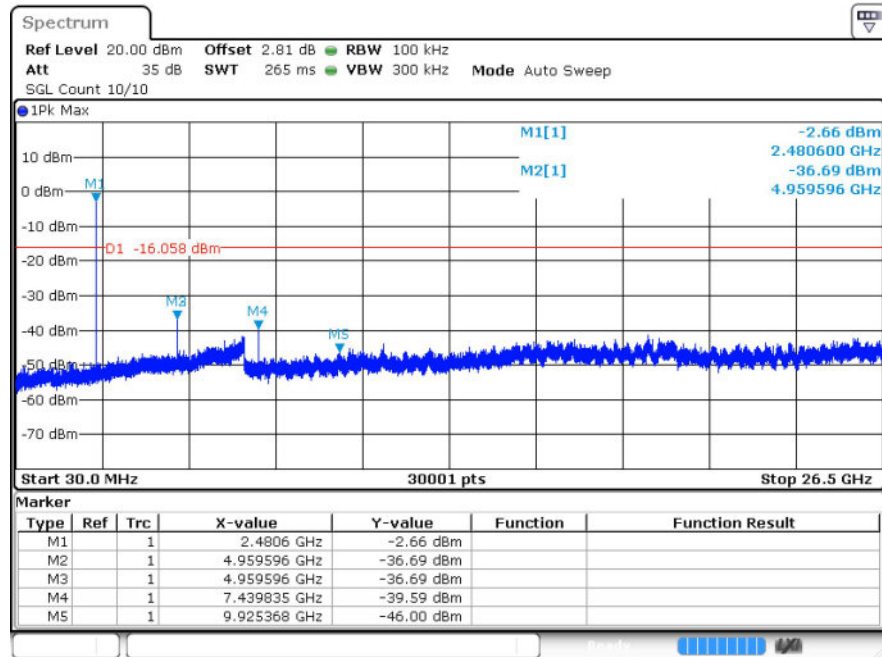


$\pi/4$ DQPSK_HCH_Graphs

Pref

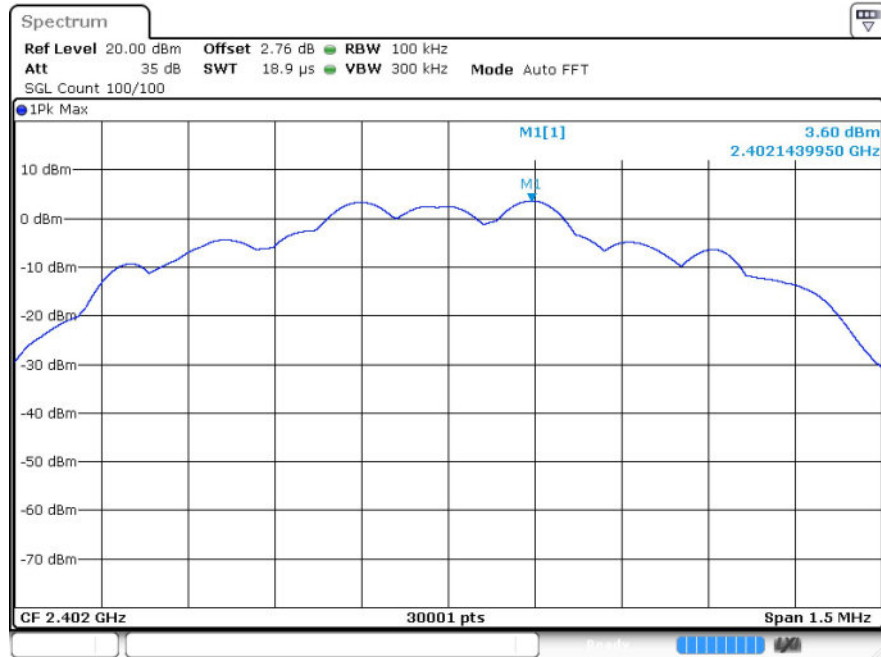


Puw

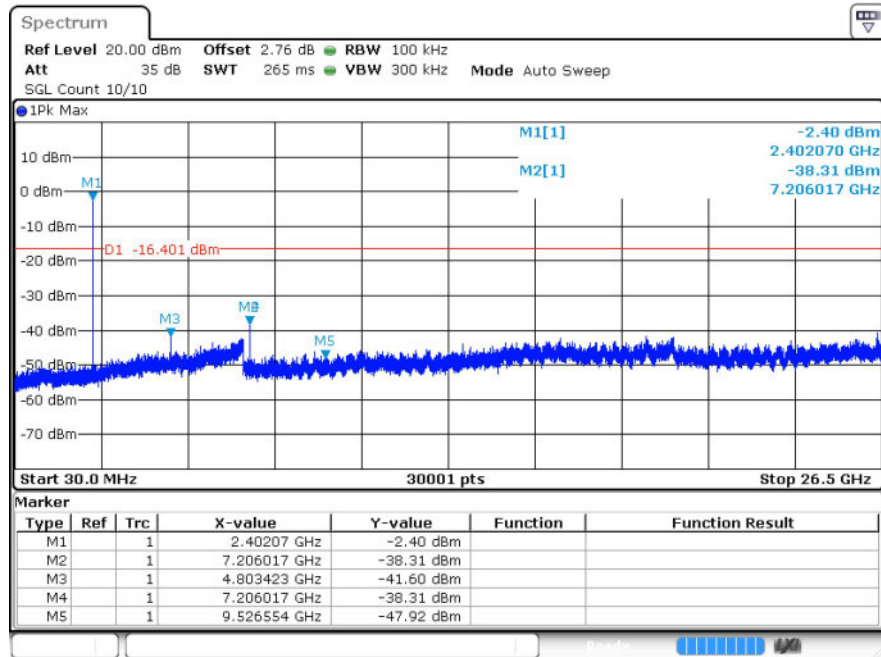


8DPSK_LCH_Graphs

Pref

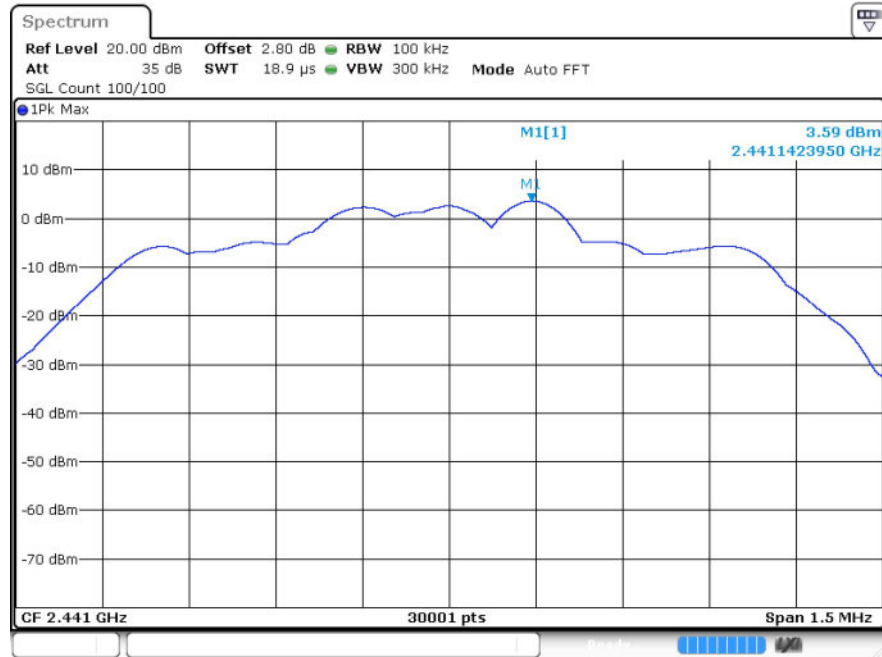


Puw

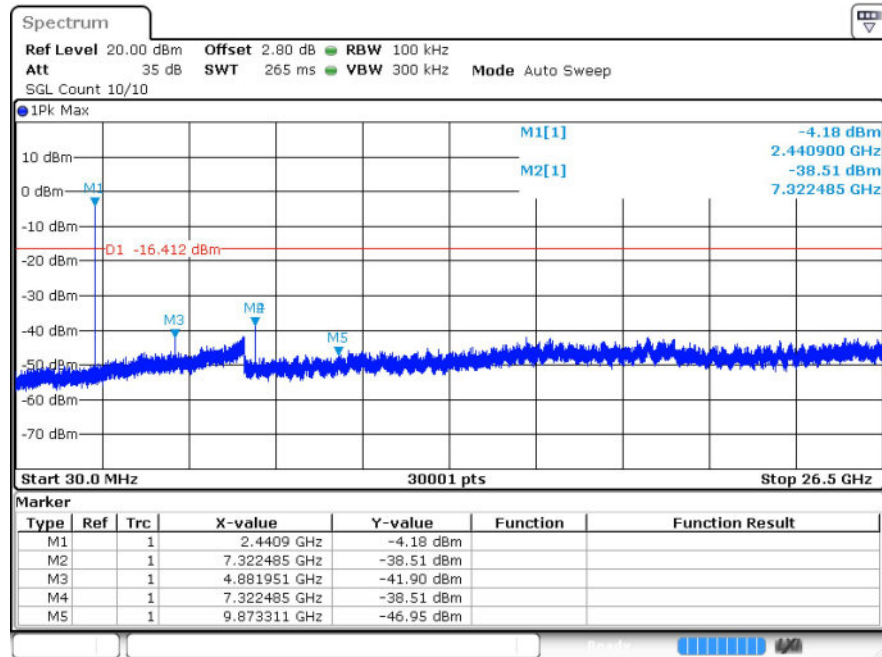


8DPSK_MCH_Graphs

Pref

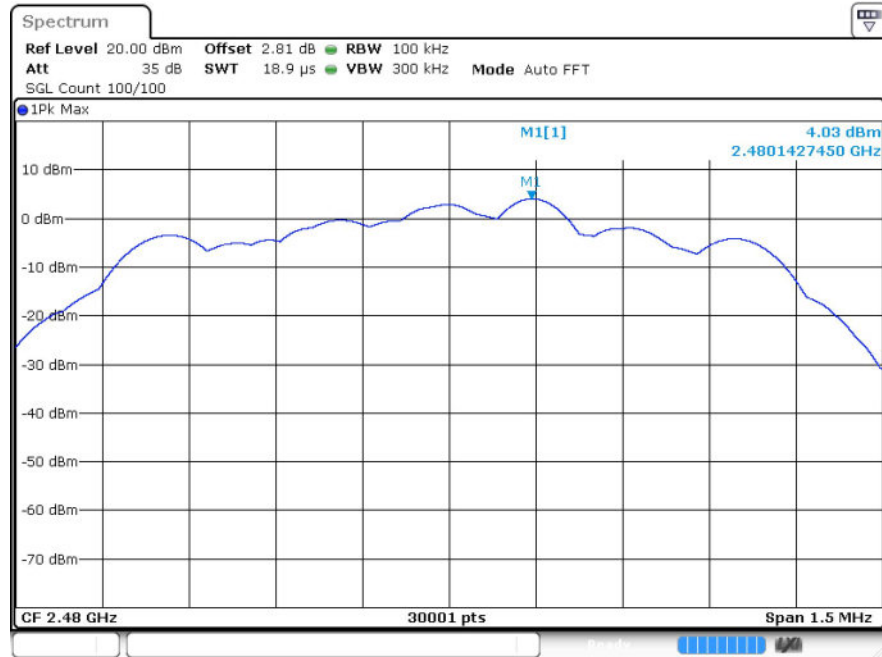


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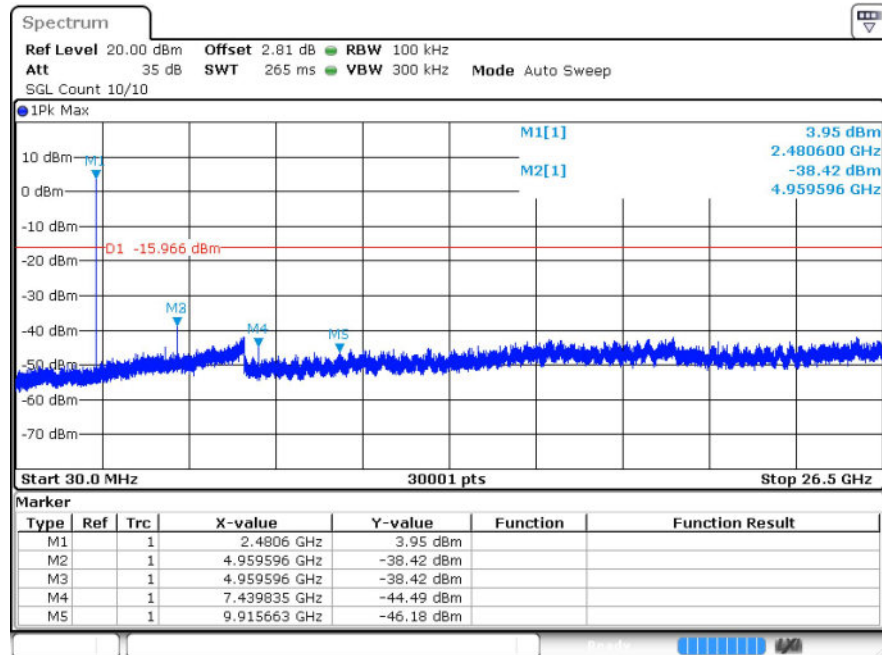


8DPSK_HCH_Graphs

Pref



Puw

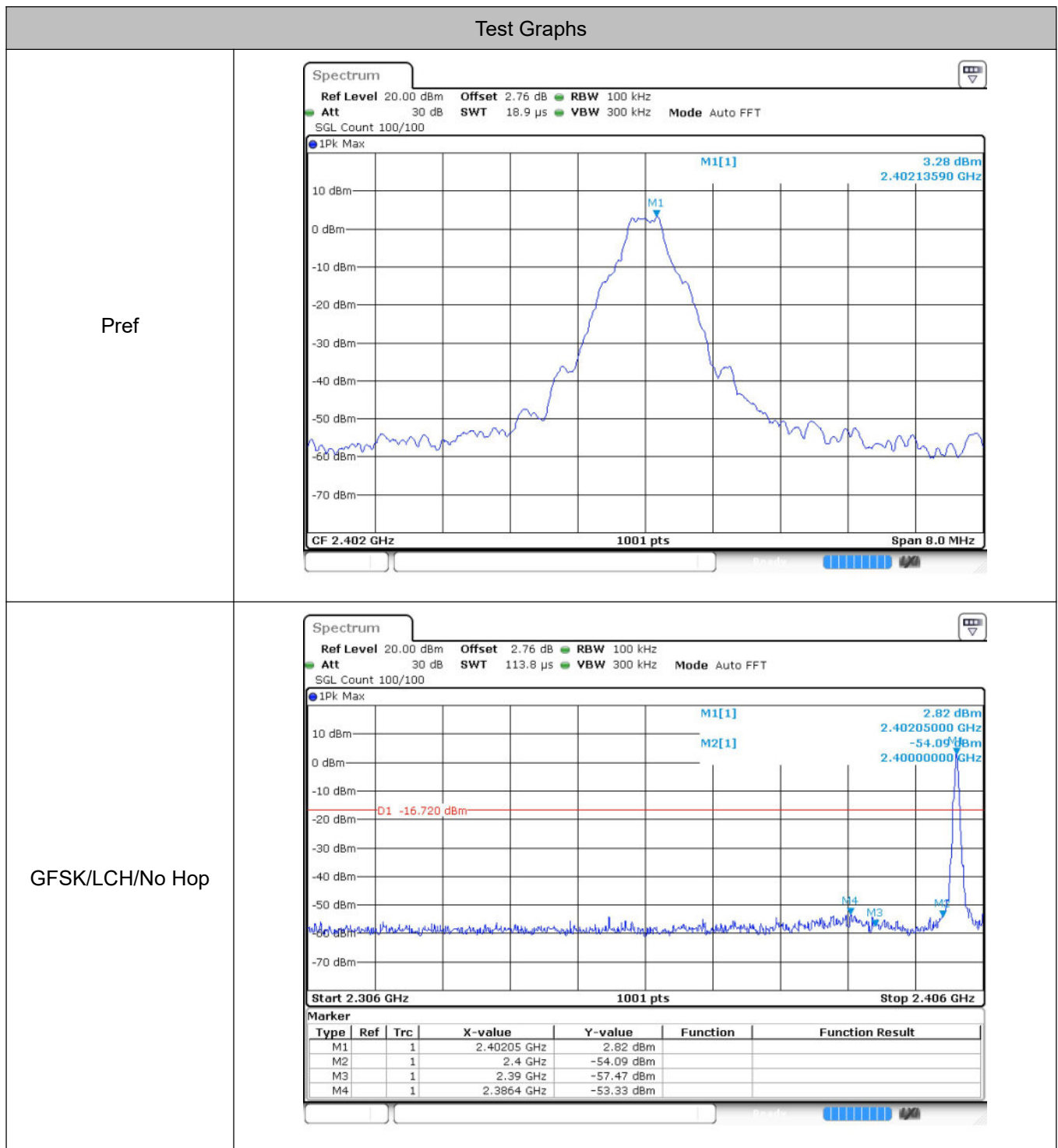


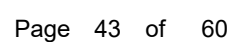
8 Band-edge for RF Conducted Emissions

8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-56.61	-20	Pass
			On	-56.38	-20	Pass
	HCH	2480	Off	-57.31	-20	Pass
			On	-57.8	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-57.29	-20	Pass
			On	-56.77	-20	Pass
	HCH	2480	Off	-54.91	-20	Pass
			On	-56.77	-20	Pass
8DPSK	LCH	2402	Off	-56.96	-20	Pass
			On	-56.88	-20	Pass
	HCH	2480	Off	-57.73	-20	Pass
			On	-56.05	-20	Pass

8.2 Test Graphs

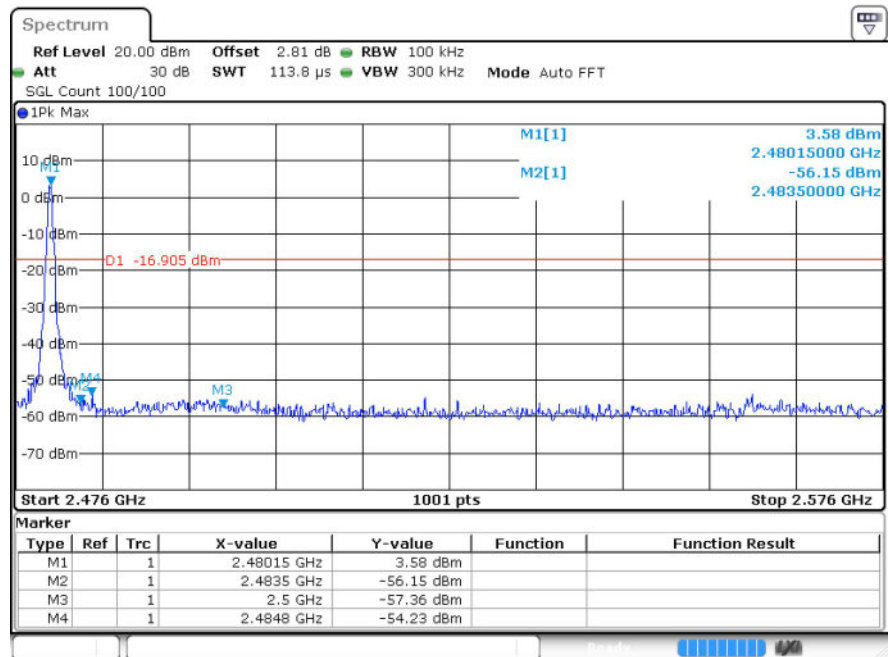




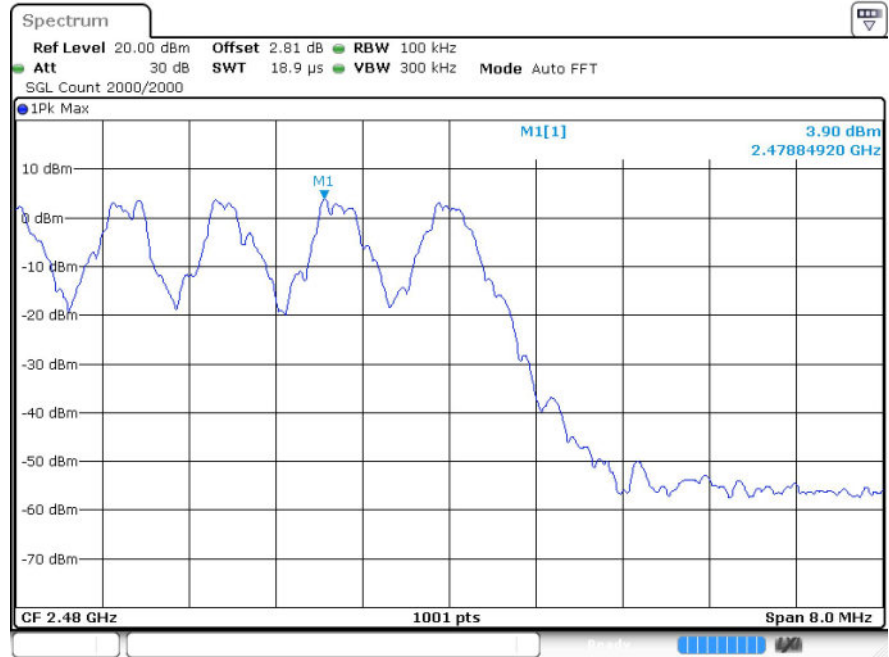
Ref



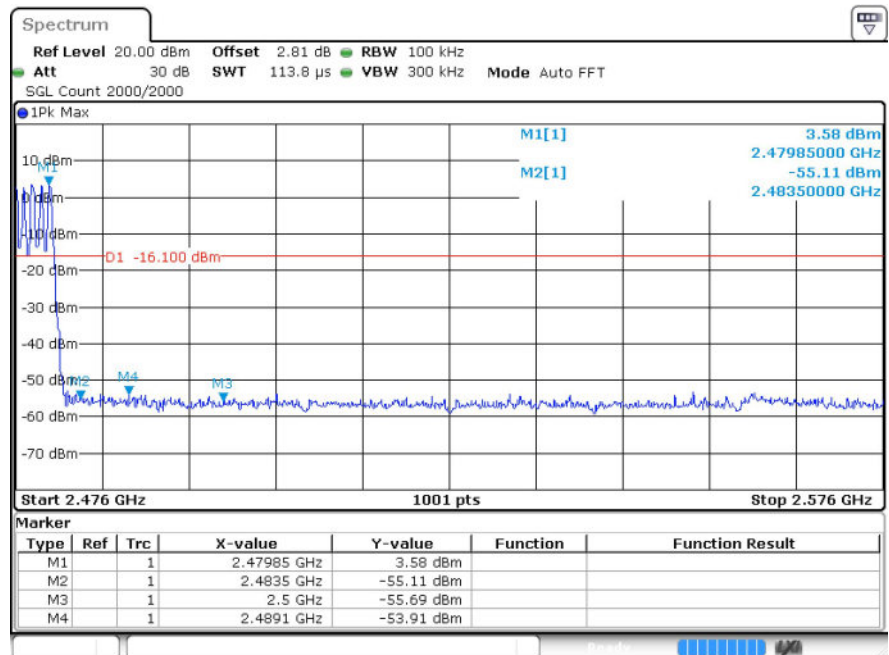
GFSK/HCH/No Hop



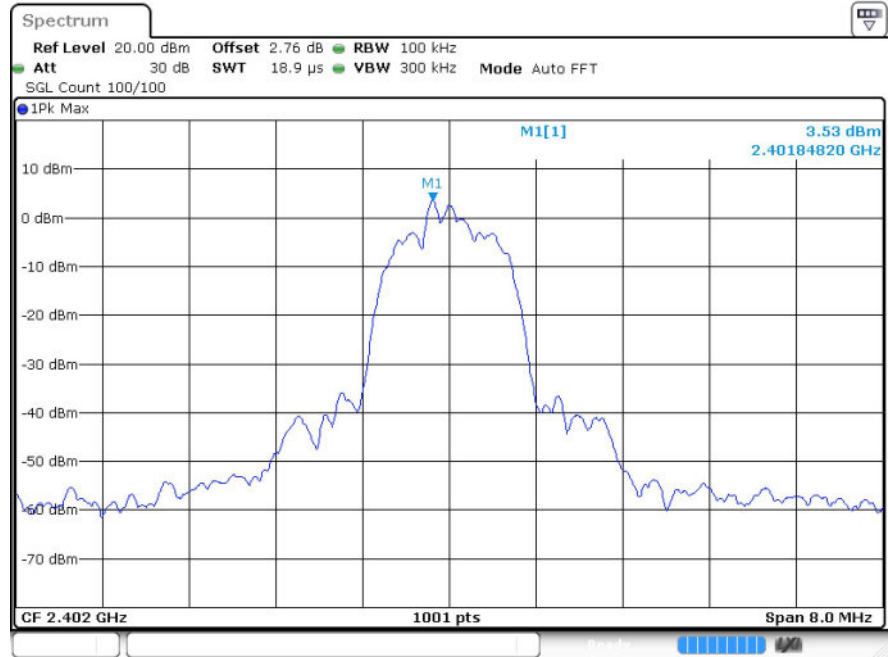
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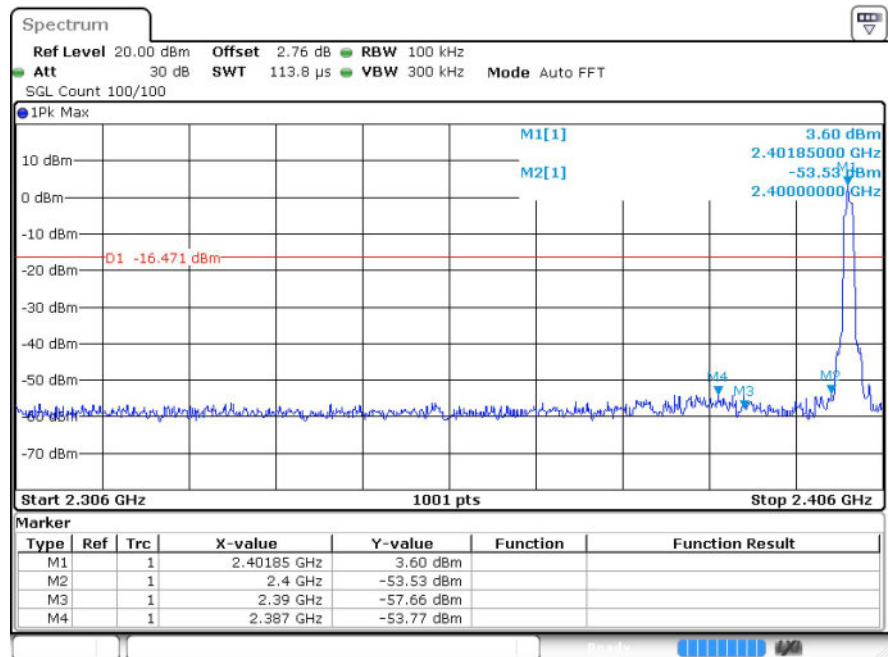
GFSK/HCH/Hop



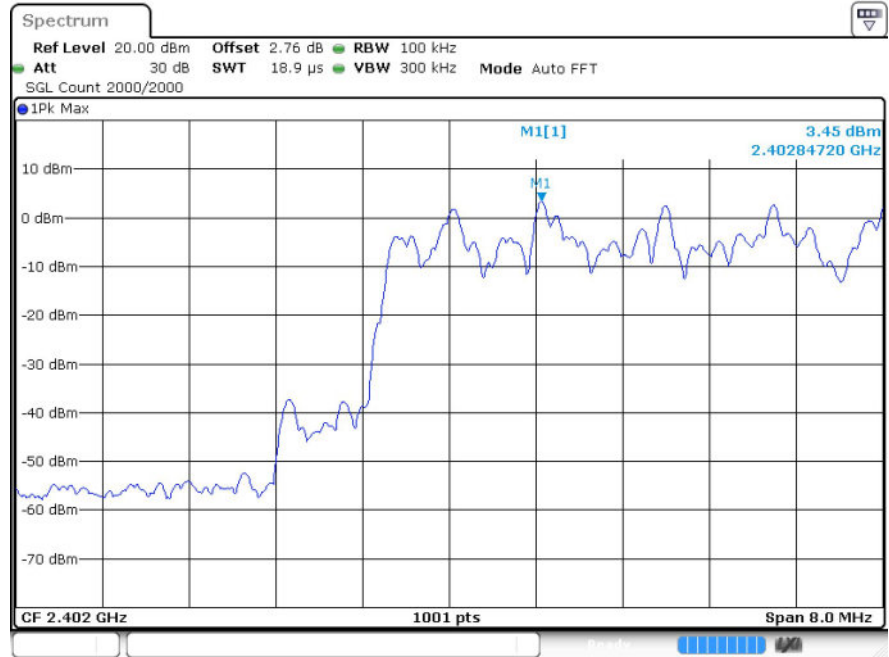
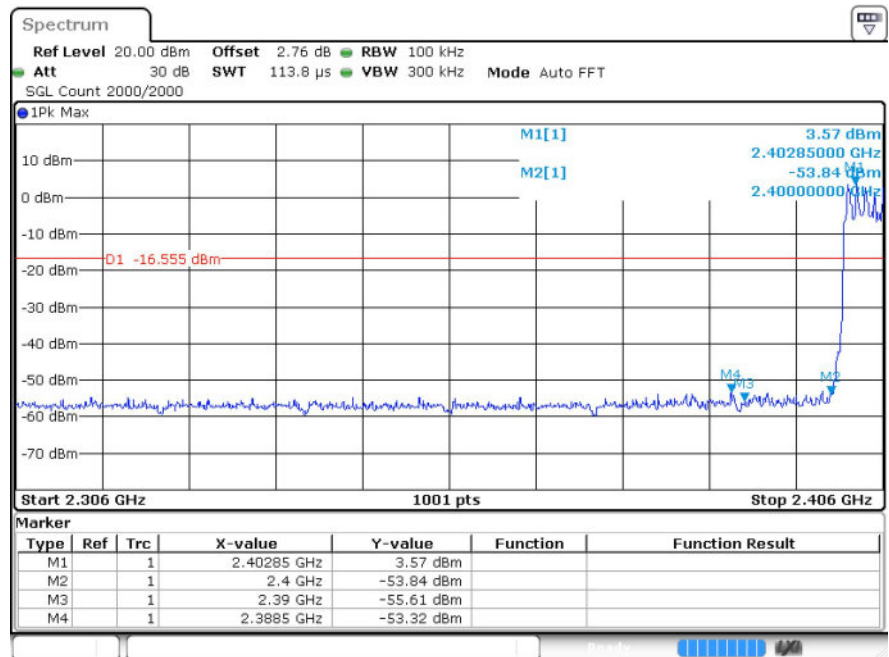
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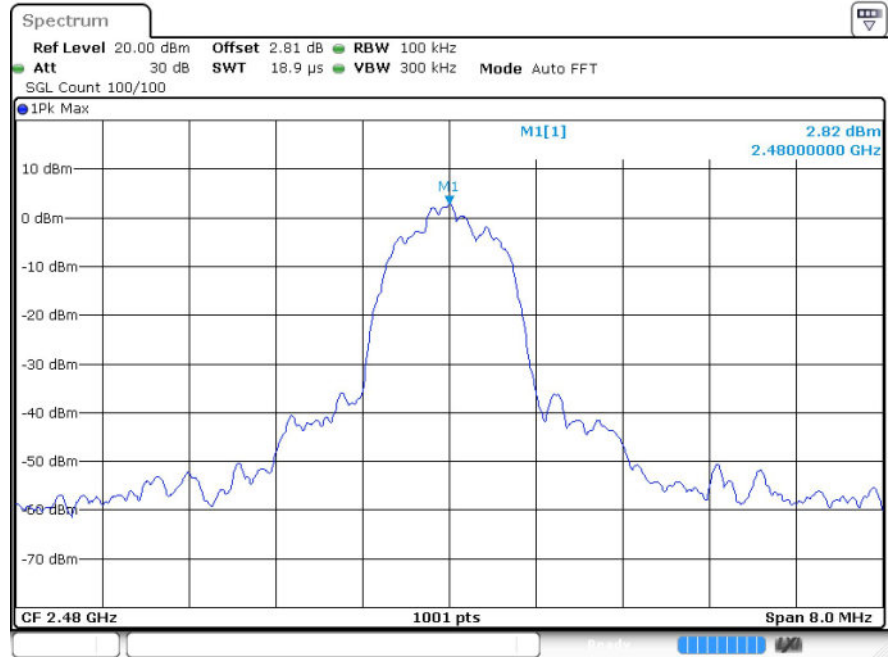
$\pi/4$ DQPSK/LCH/No
Hop



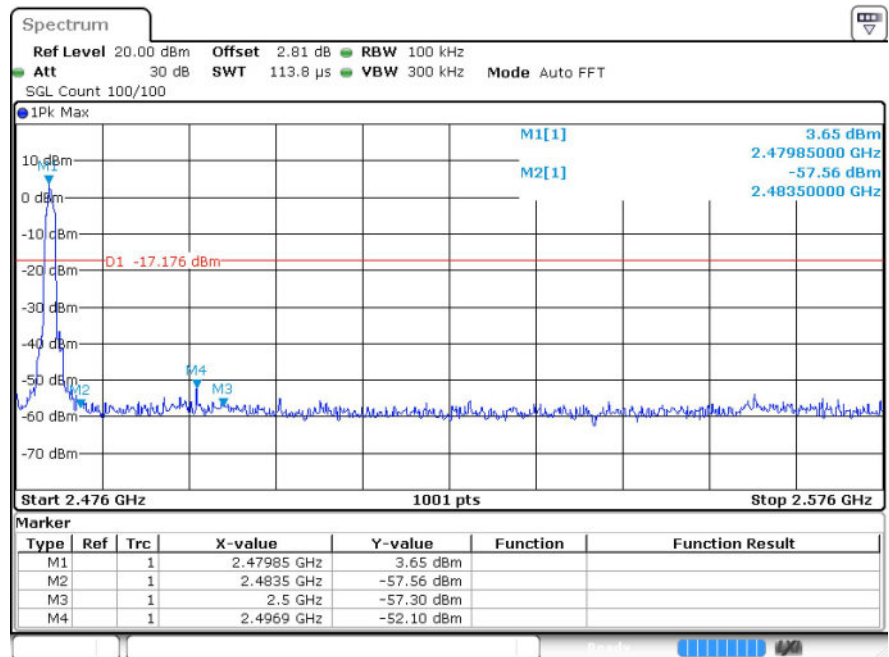
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 $\pi/4$ DQPSK/LCH/Hop


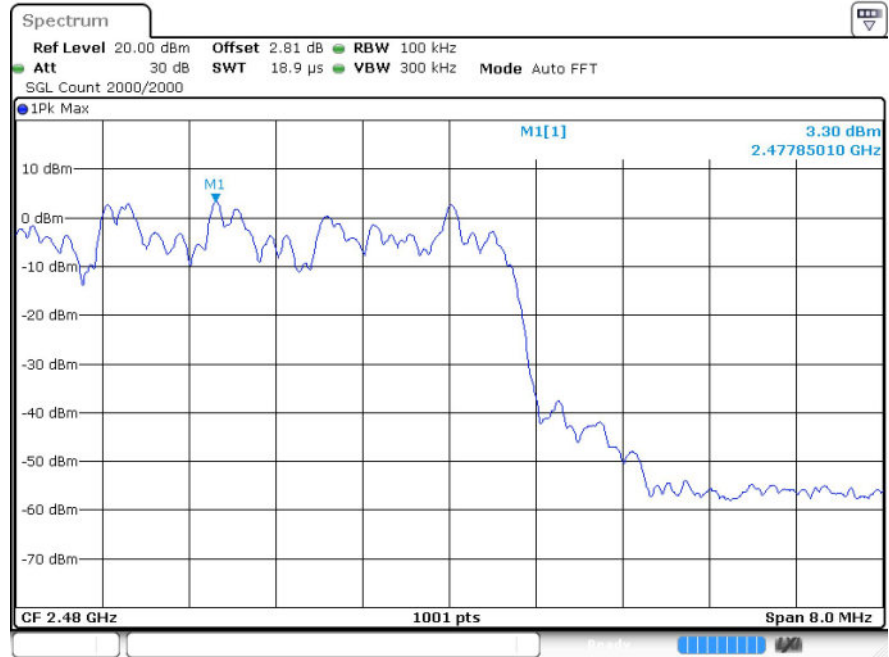
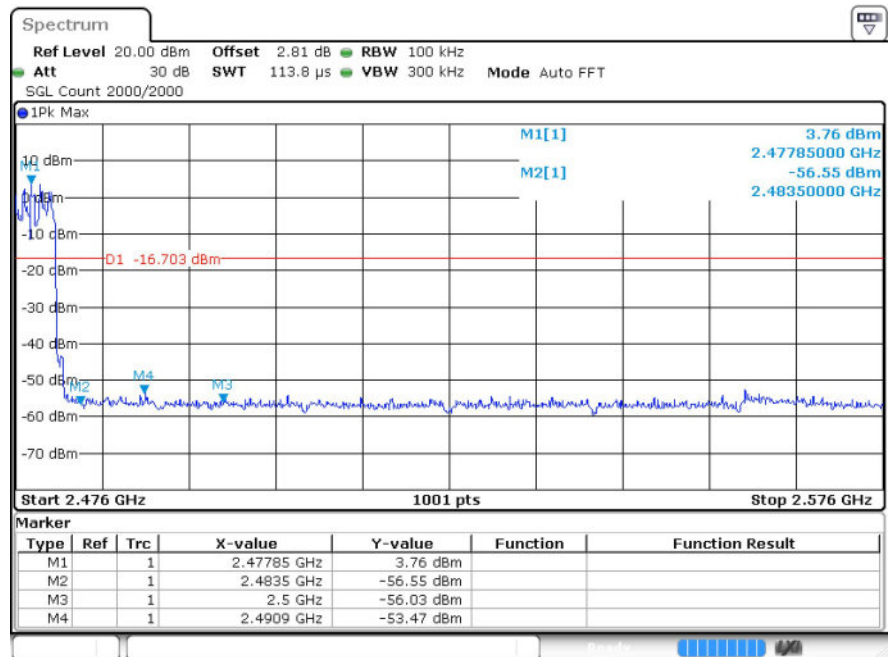
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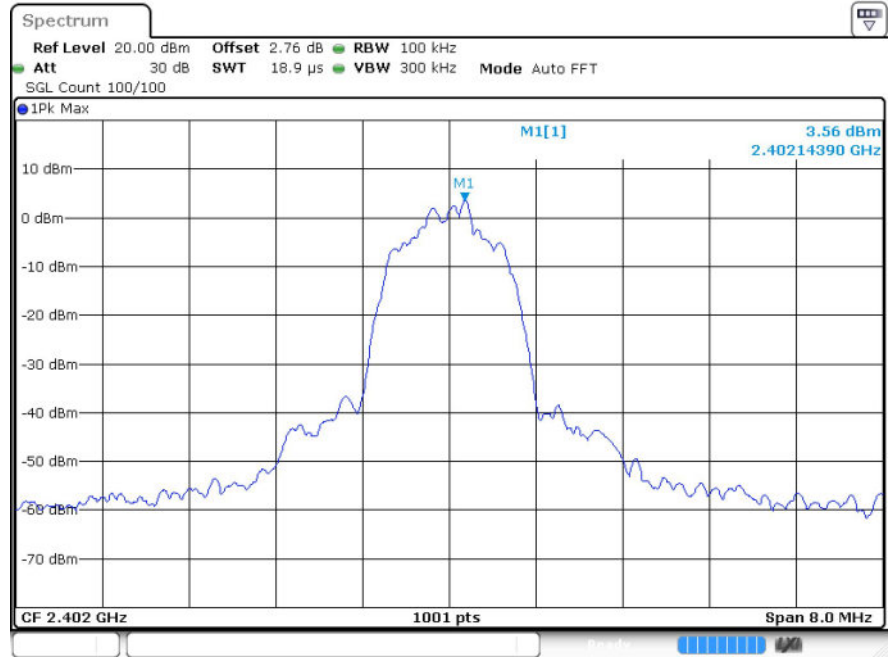
$\pi/4$ DQPSK/HCH/No
Hop



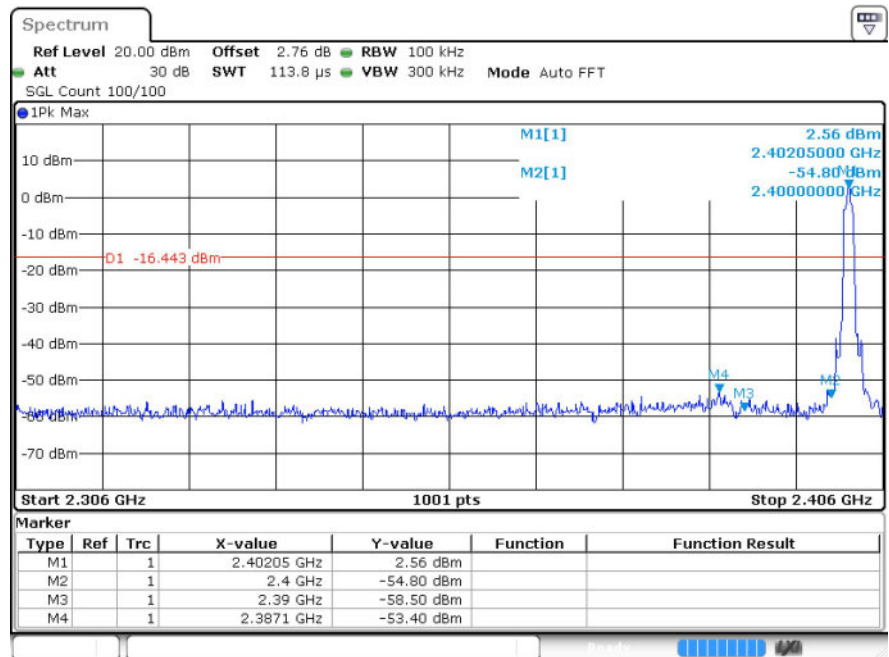
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 $\pi/4$ DQPSK/HCH/Hop


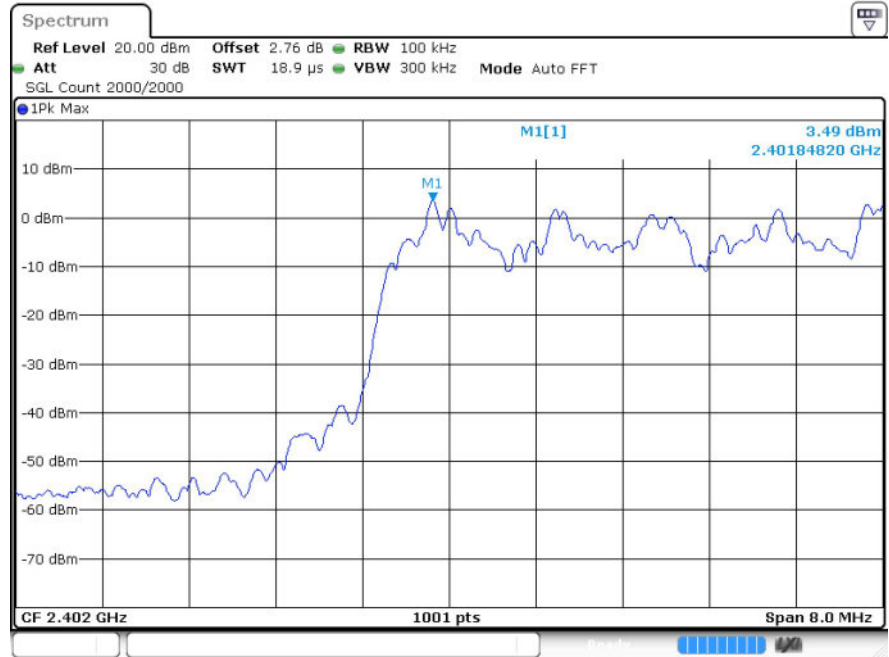
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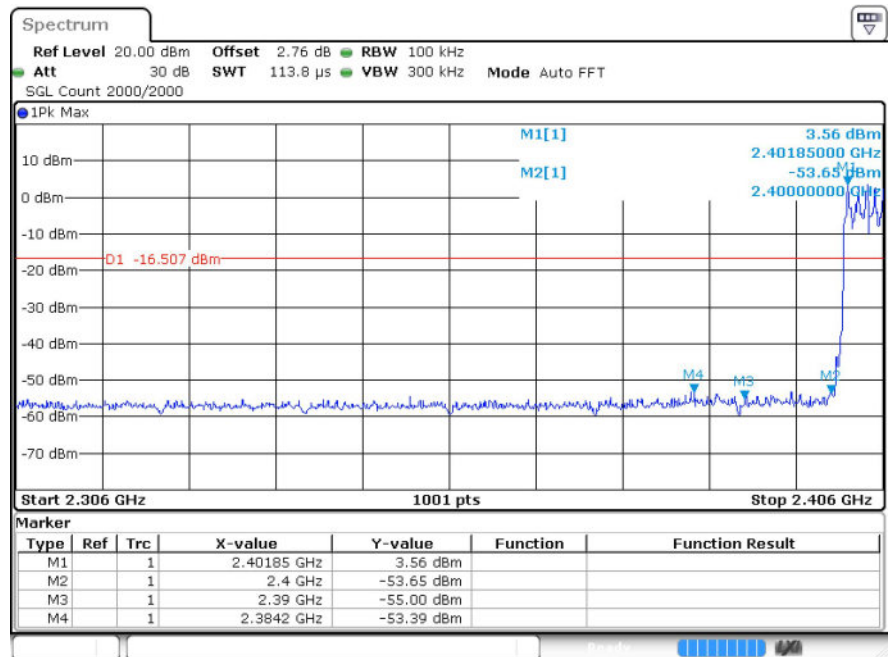
8DPSK/LCH/No Hop



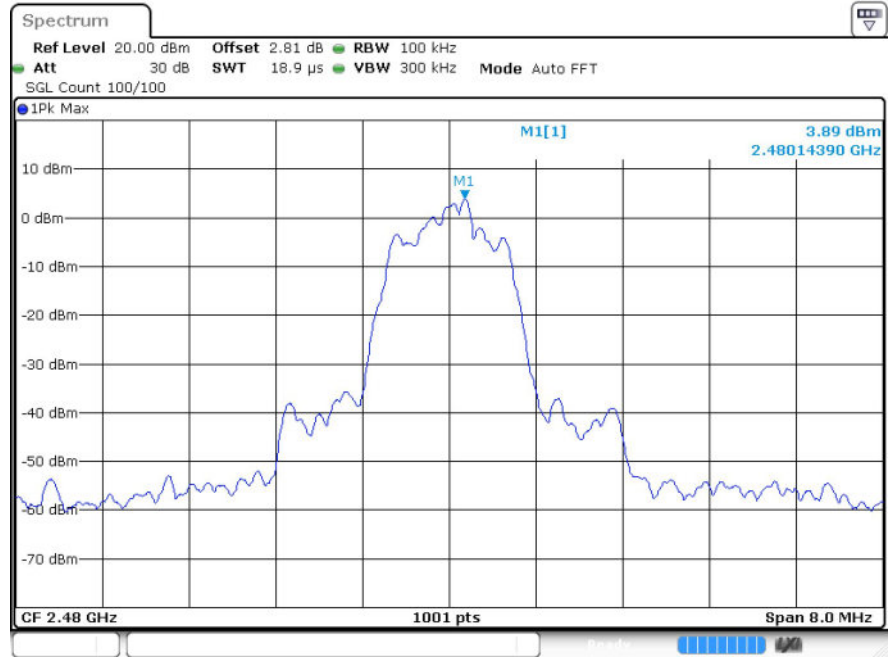
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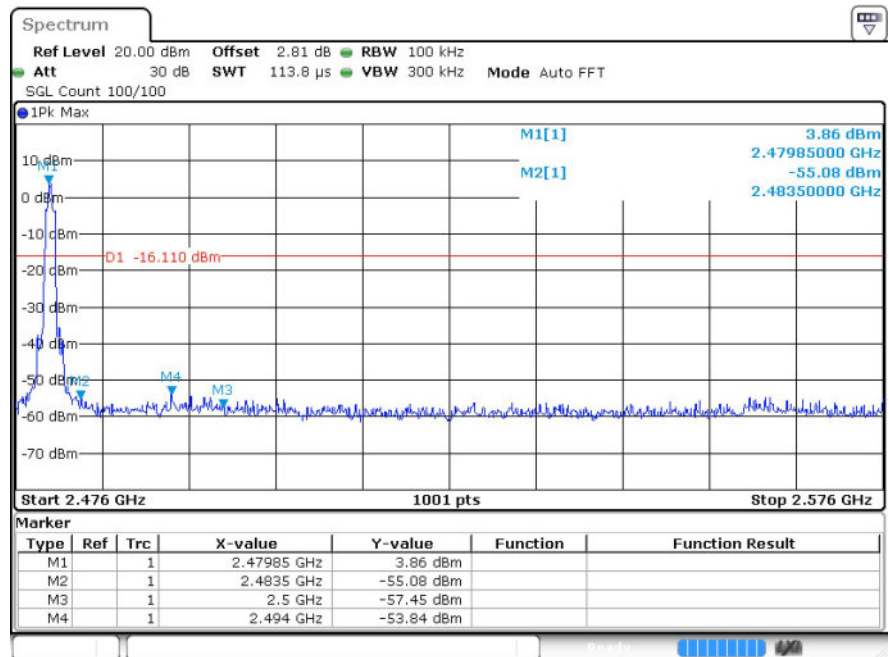
8DPSK/LCH/Hop



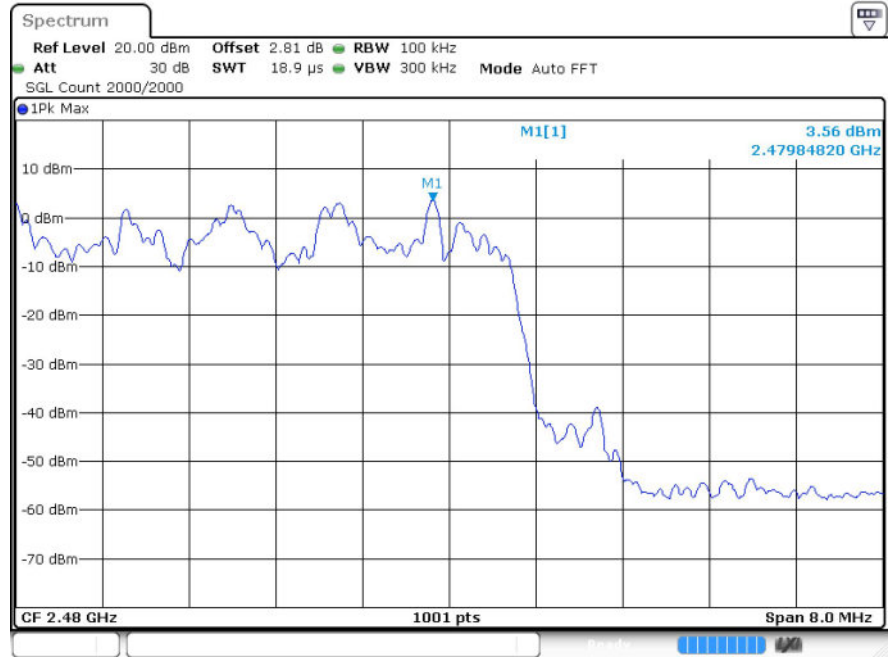
Ref



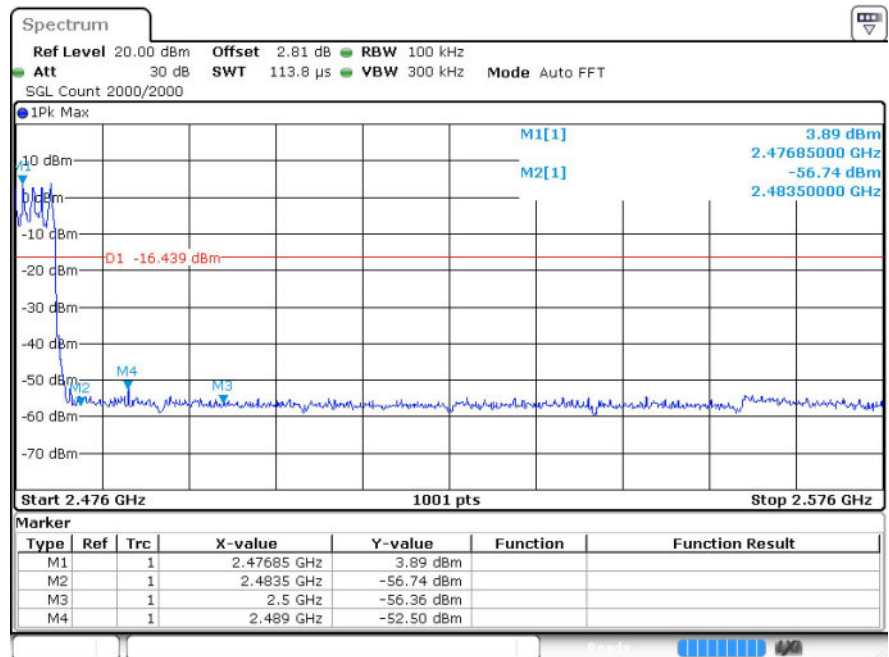
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



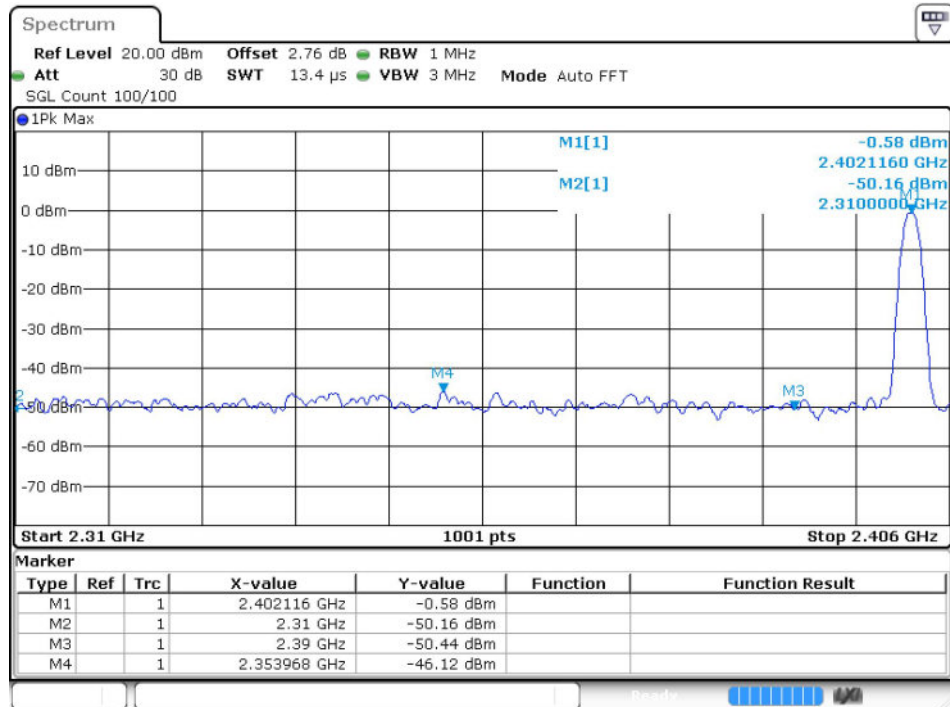
9 Restrict-band band-edge measurements

9.1 Test Result

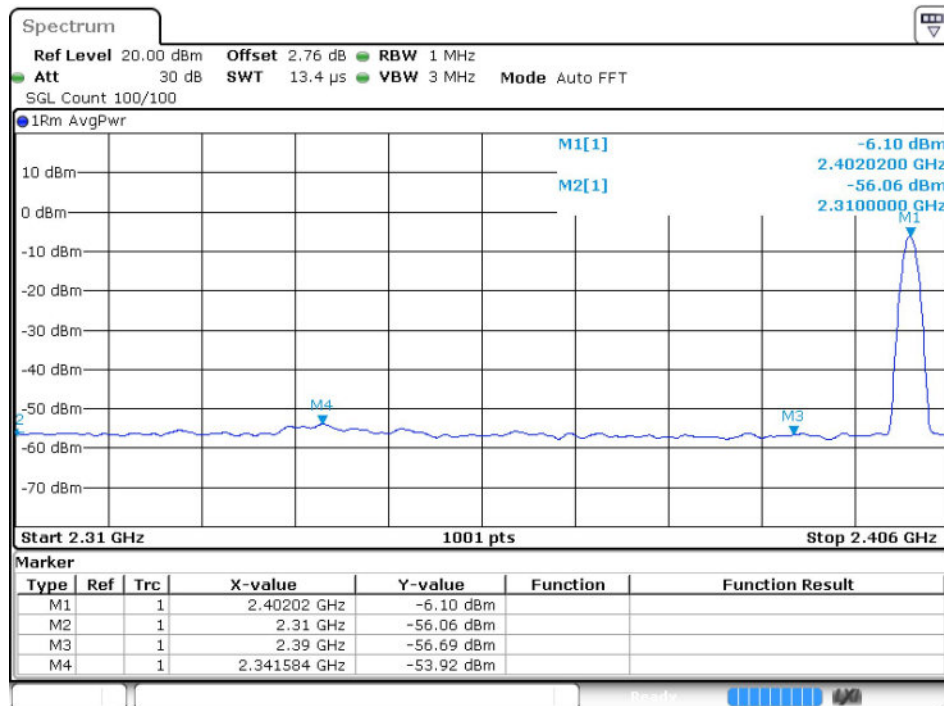
Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
1-DH1	2402	2310	-50.16	2	-	47.07	Peak	74	Pass
1-DH1	2402	2310	-56.06	2	5.06	46.23	Average	54	Pass
1-DH1	2402	2353.968	-46.11	2	-	51.12	Peak	74	Pass
1-DH1	2402	2341.584	-53.91	2	5.06	48.38	Average	54	Pass
1-DH1	2402	2390	-50.44	2	-	46.79	Peak	74	Pass
1-DH1	2402	2390	-56.69	2	5.06	45.60	Average	54	Pass
1-DH1	2480	2483.5	-49.91	2	-	47.32	Peak	74	Pass
1-DH1	2480	2483.5	-55.94	2	5.06	46.35	Average	54	Pass
1-DH1	2480	2487.472	-43.62	2	-	53.61	Peak	74	Pass
1-DH1	2480	2487.952	-55.53	2	5.06	46.76	Average	54	Pass
1-DH1	2480	2500	-49.06	2	-	48.17	Peak	74	Pass
1-DH1	2480	2500	-57.2	2	5.06	45.09	Average	54	Pass
2-DH1	2402	2310	-50.15	2	-	47.08	Peak	74	Pass
2-DH1	2402	2310	-56.67	2	5.06	45.62	Average	54	Pass
2-DH1	2402	2372.4	-45.92	2	-	51.31	Peak	74	Pass
2-DH1	2402	2339.76	-54.12	2	5.06	48.17	Average	54	Pass
2-DH1	2402	2390	-49.47	2	-	47.76	Peak	74	Pass
2-DH1	2402	2390	-56.65	2	5.06	45.64	Average	54	Pass
2-DH1	2480	2483.5	-46.91	2	-	50.32	Peak	74	Pass
2-DH1	2480	2483.5	-55.86	2	4.95	46.32	Average	54	Pass
2-DH1	2480	2488.48	-46	2	-	51.23	Peak	74	Pass
2-DH1	2480	2487.832	-55.38	2	4.95	46.80	Average	54	Pass
2-DH1	2480	2500	-48.34	2	-	48.89	Peak	74	Pass
2-DH1	2480	2500	-56.56	2	4.95	45.62	Average	54	Pass
3-DH1	2402	2310	-48.65	2	-	48.58	Peak	74	Pass
3-DH1	2402	2310	-56.12	2	5.06	46.17	Average	54	Pass
3-DH1	2402	2339.28	-46.58	2	-	50.65	Peak	74	Pass
3-DH1	2402	2341.296	-54.33	2	5.06	47.96	Average	54	Pass
3-DH1	2402	2390	-47.98	2	-	49.25	Peak	74	Pass
3-DH1	2402	2390	-56.08	2	5.06	46.21	Average	54	Pass
3-DH1	2480	2483.5	-48.64	2	-	48.59	Peak	74	Pass
3-DH1	2480	2483.5	-55.67	2	5.06	46.62	Average	54	Pass
3-DH1	2480	2487.352	-45.27	2	-	51.96	Peak	74	Pass
3-DH1	2480	2484.016	-55.36	2	5.06	46.93	Average	54	Pass
3-DH1	2480	2500	-50.5	2	-	46.73	Peak	74	Pass
3-DH1	2480	2500	-55.85	2	5.06	46.44	Average	54	Pass

9.2 Test Graphs

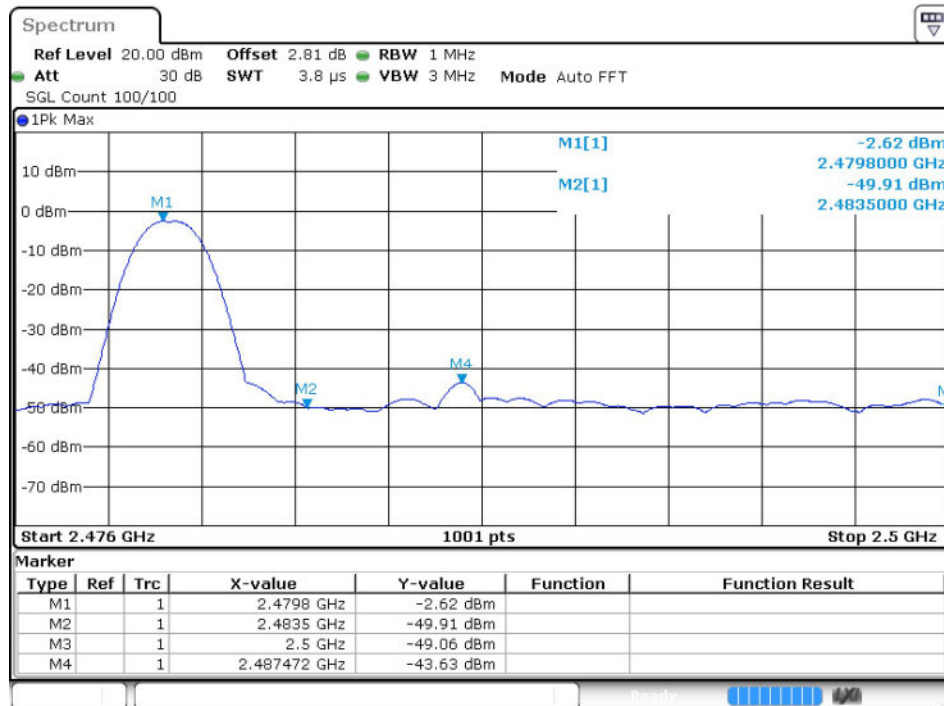
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



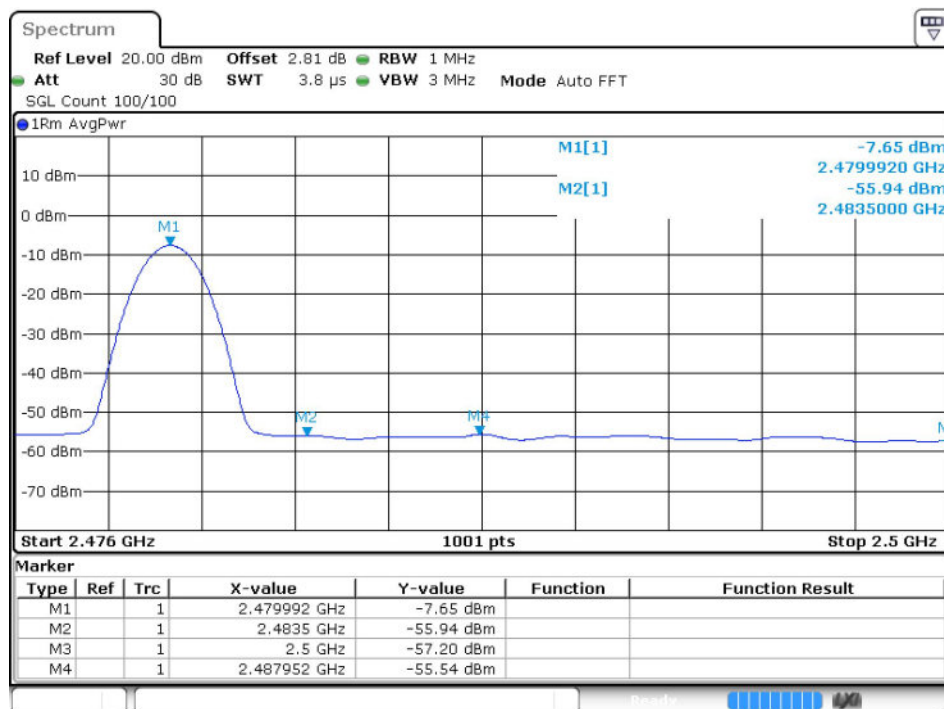
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



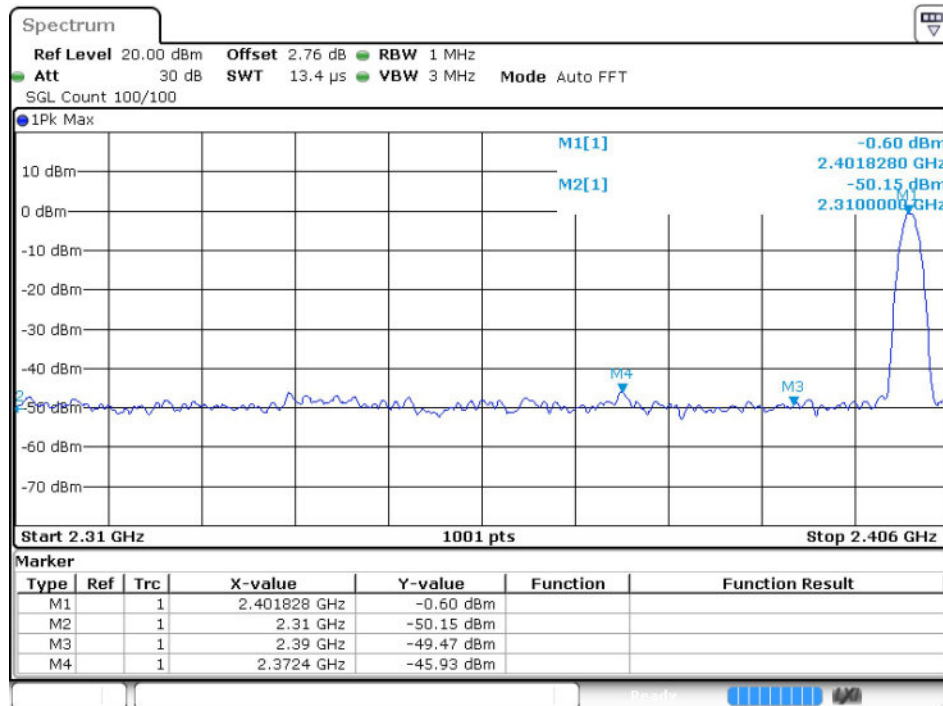
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



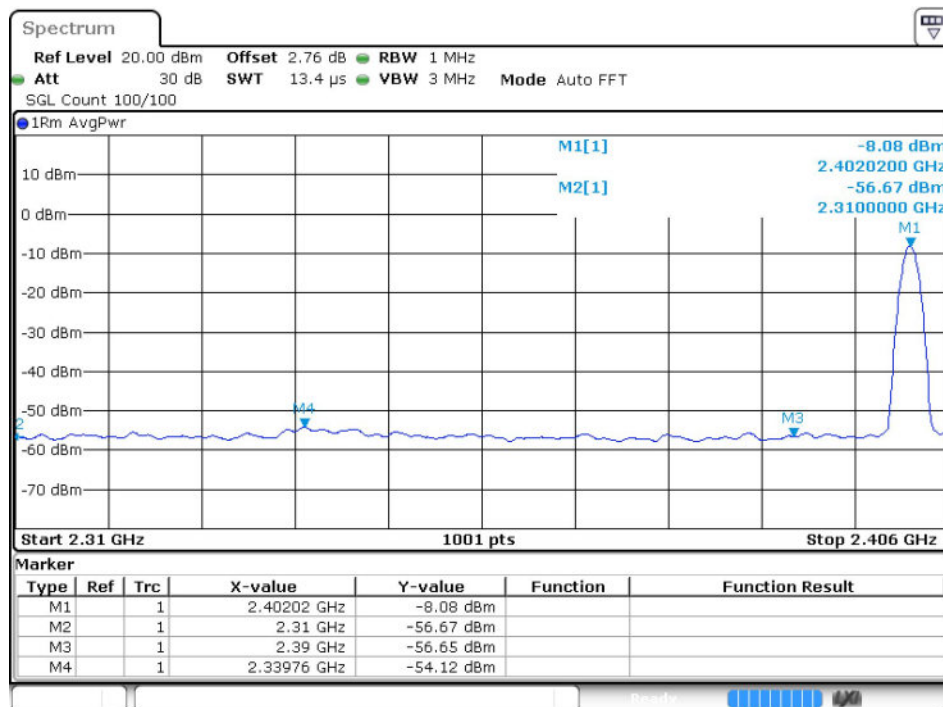
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



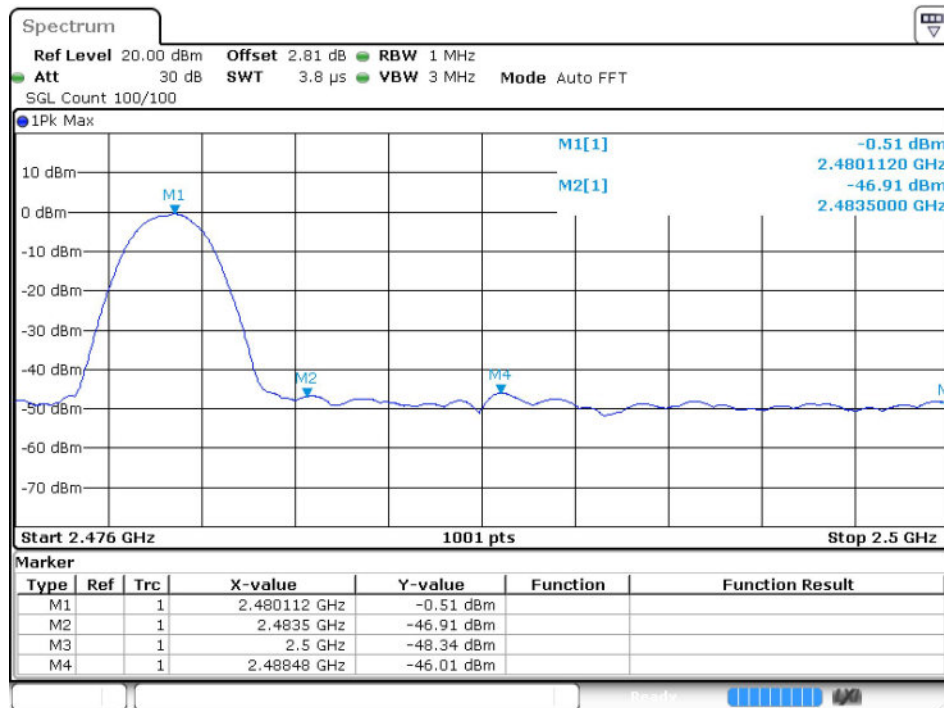
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



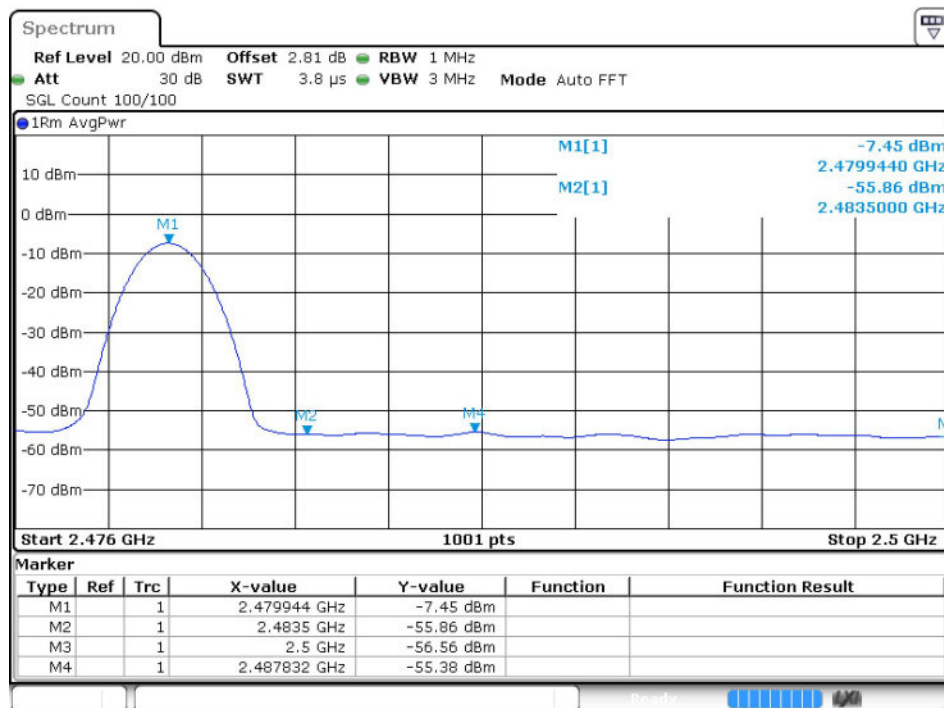
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



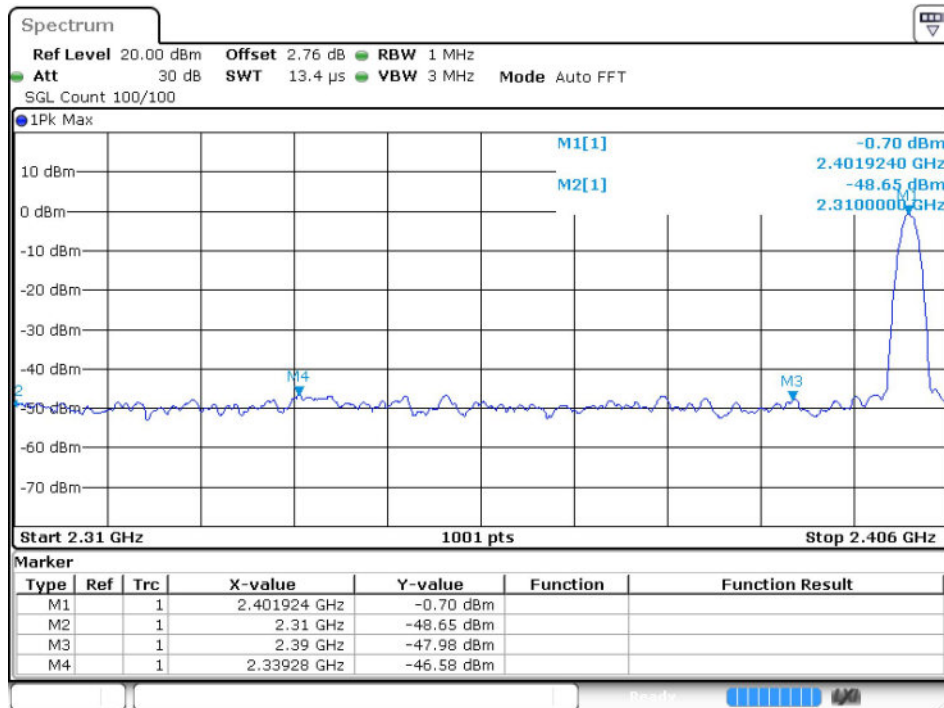
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



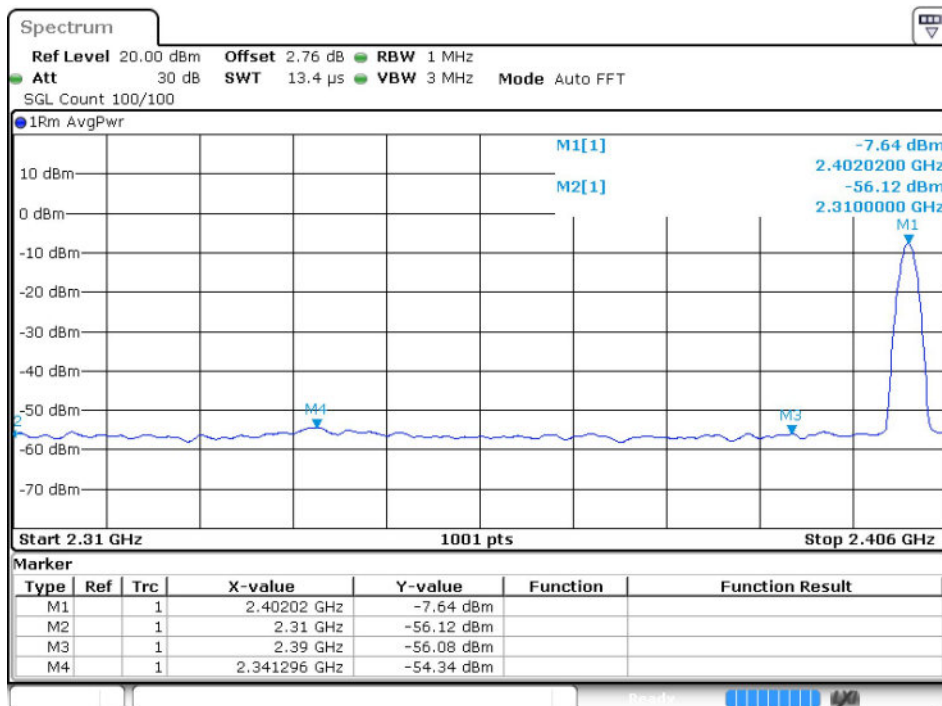
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



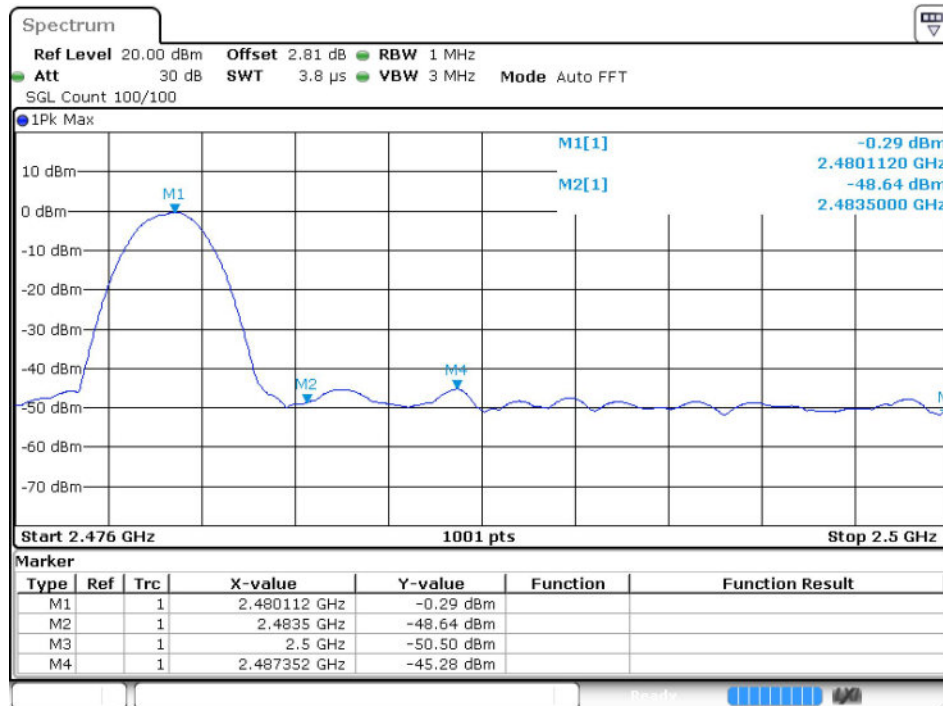
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



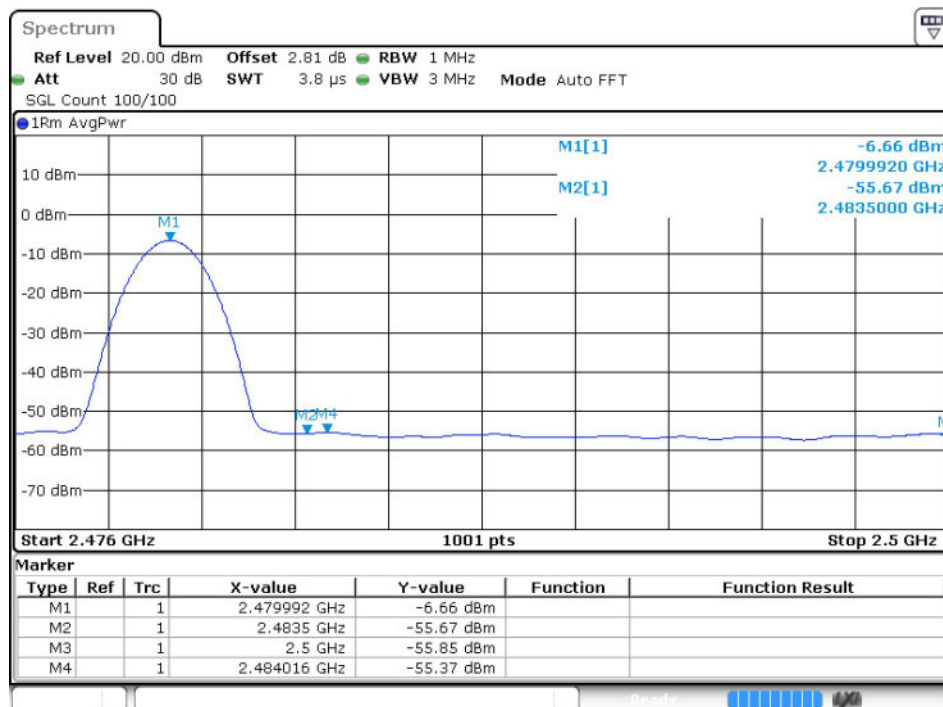
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---