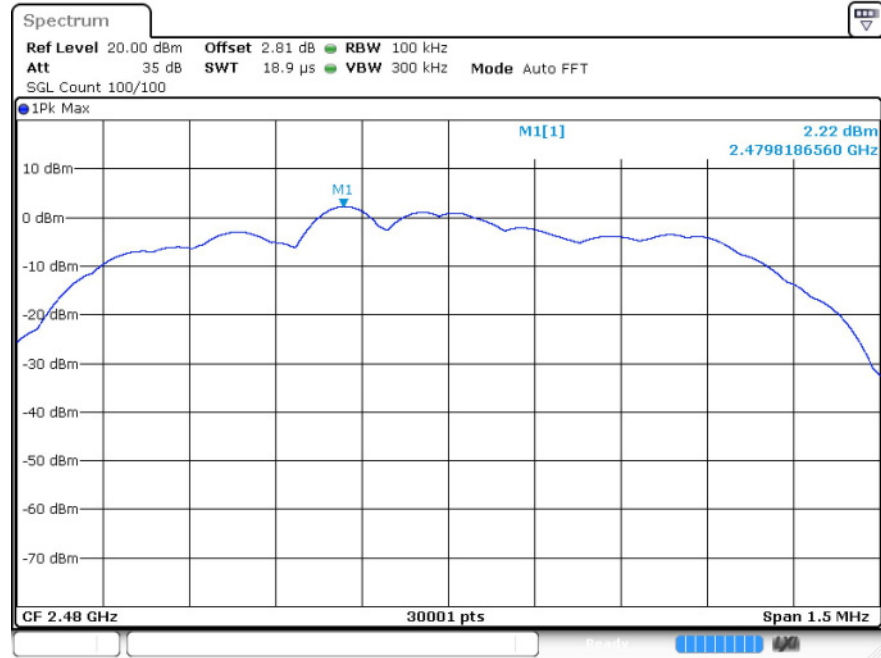
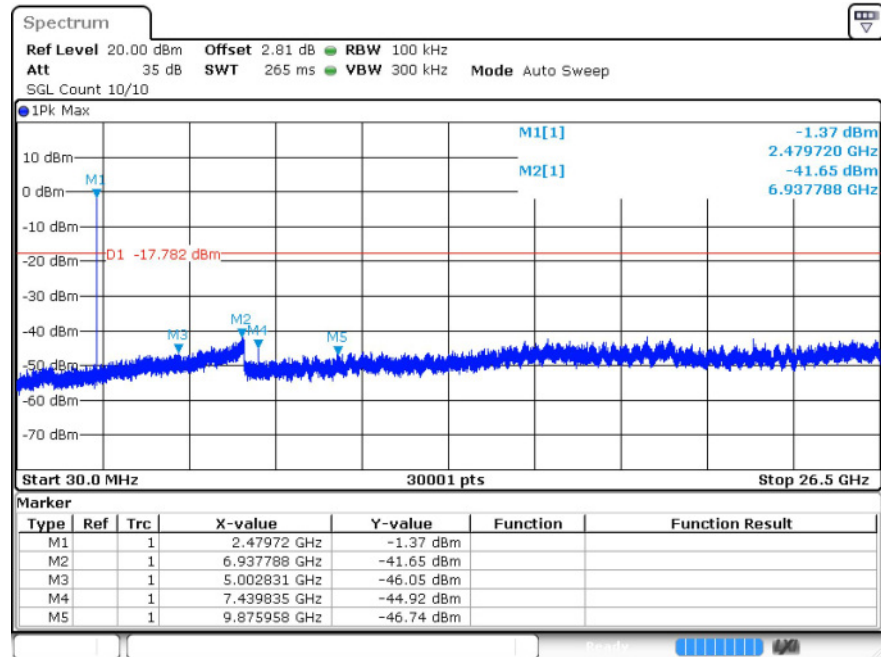


$\pi/4$ DQPSK_HCH_Graphs

Pref

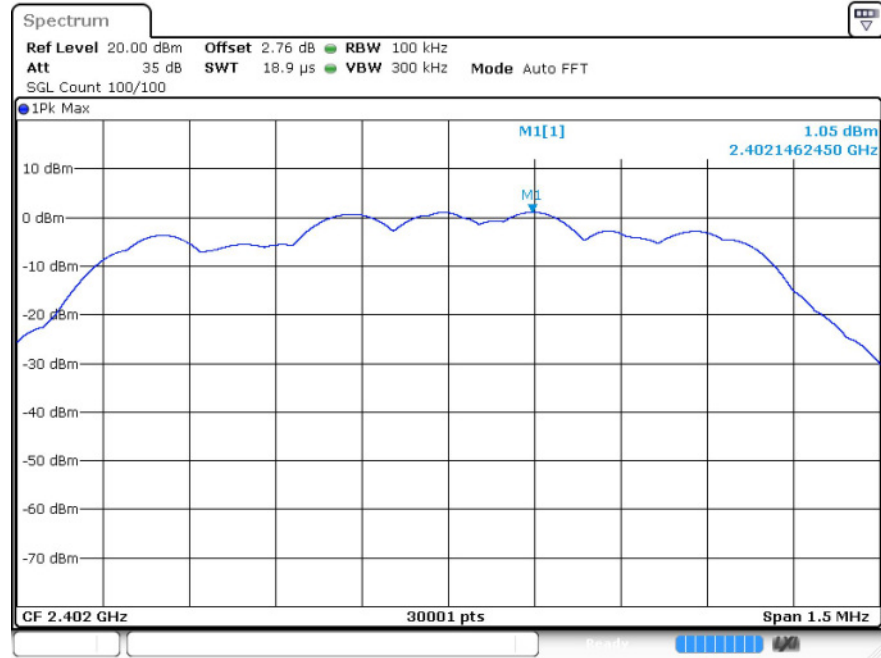


Puw

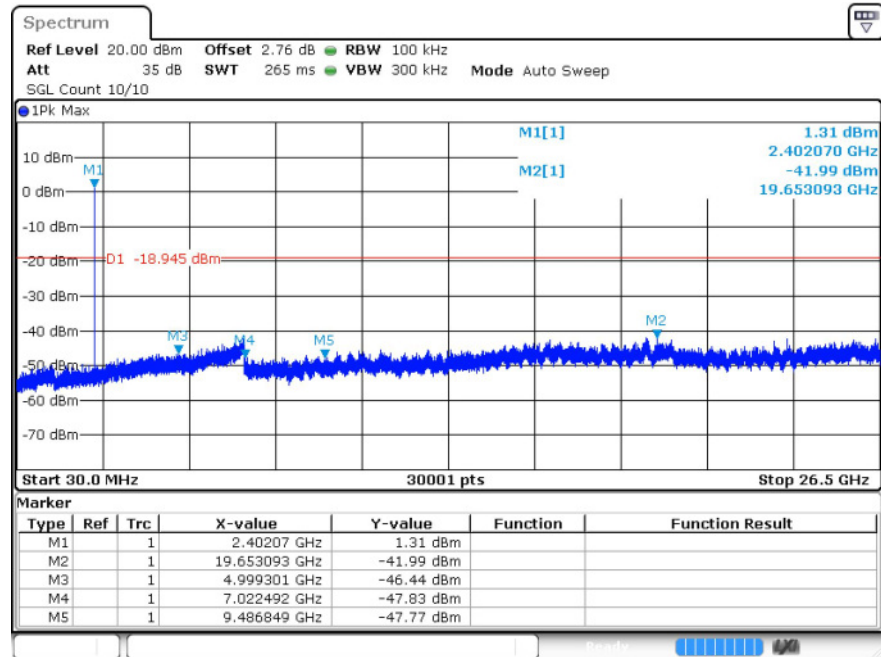


8DPSK_LCH_Graphs

Pref

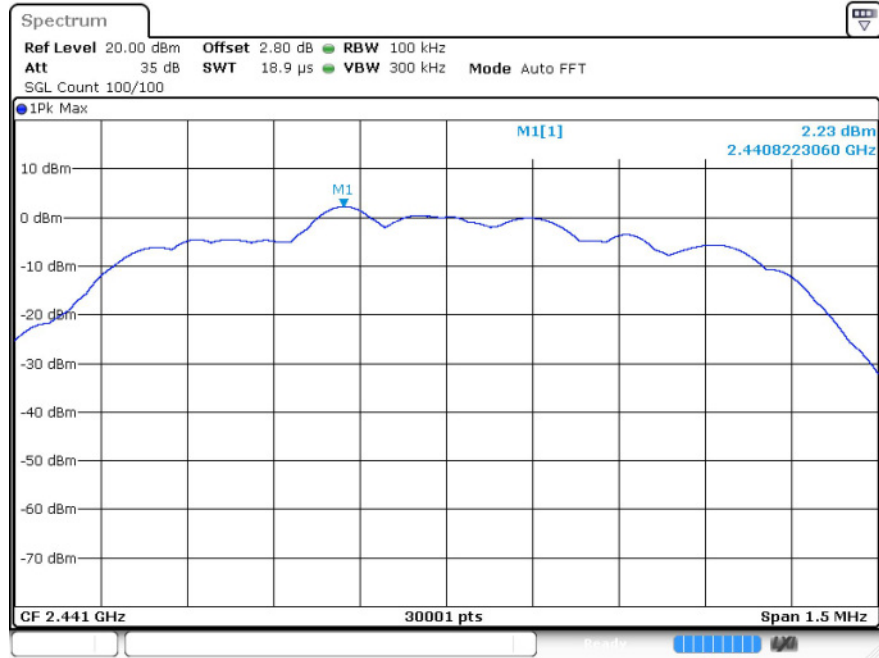


Puw

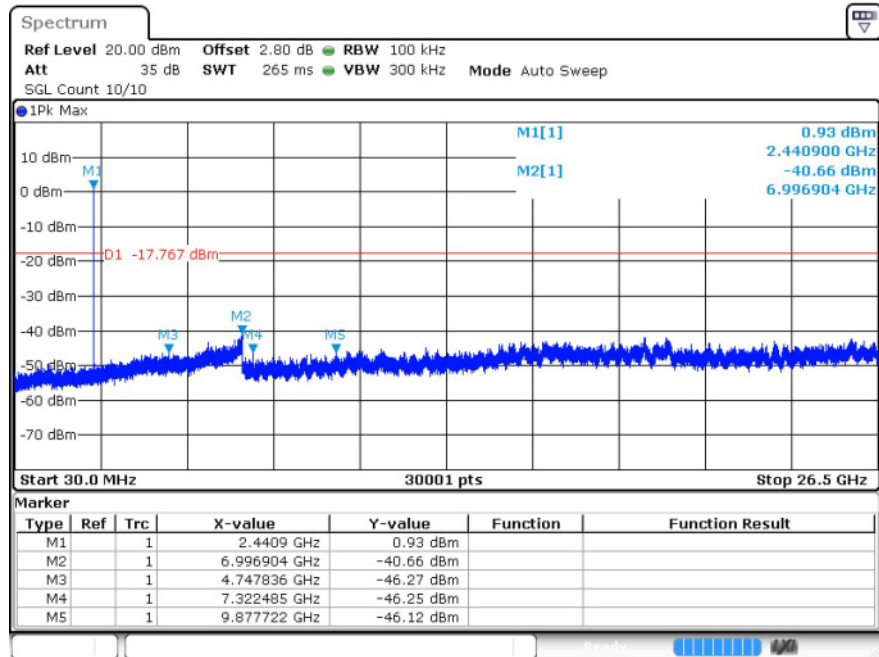


8DPSK_MCH_Graphs

Pref

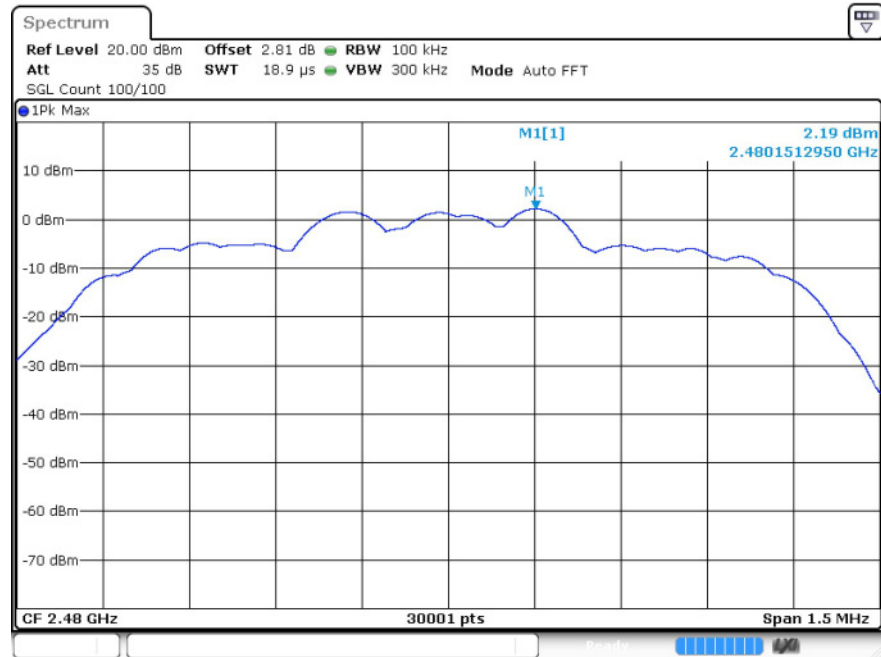


Puw

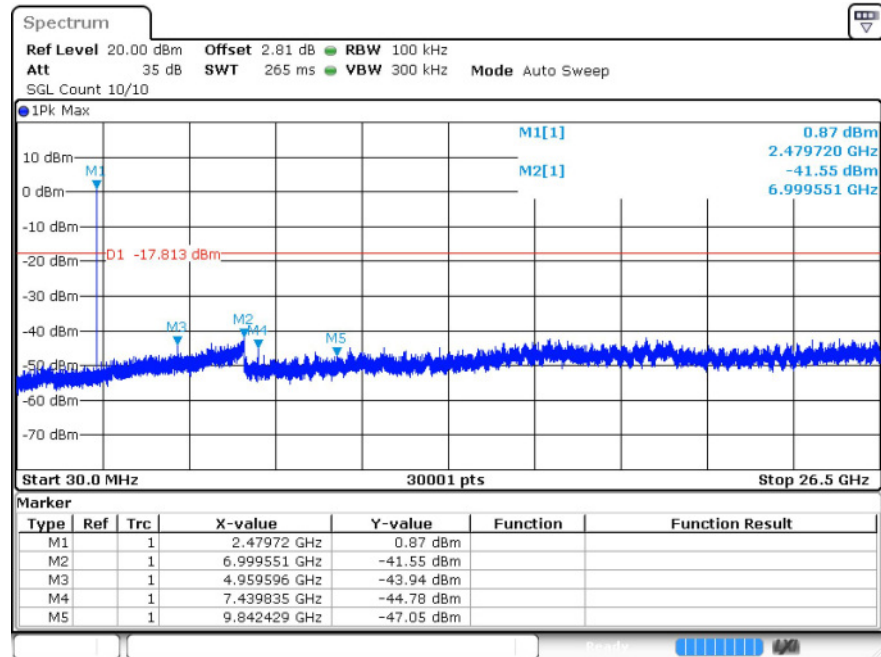


8DPSK_HCH_Graphs

Pref



Puw

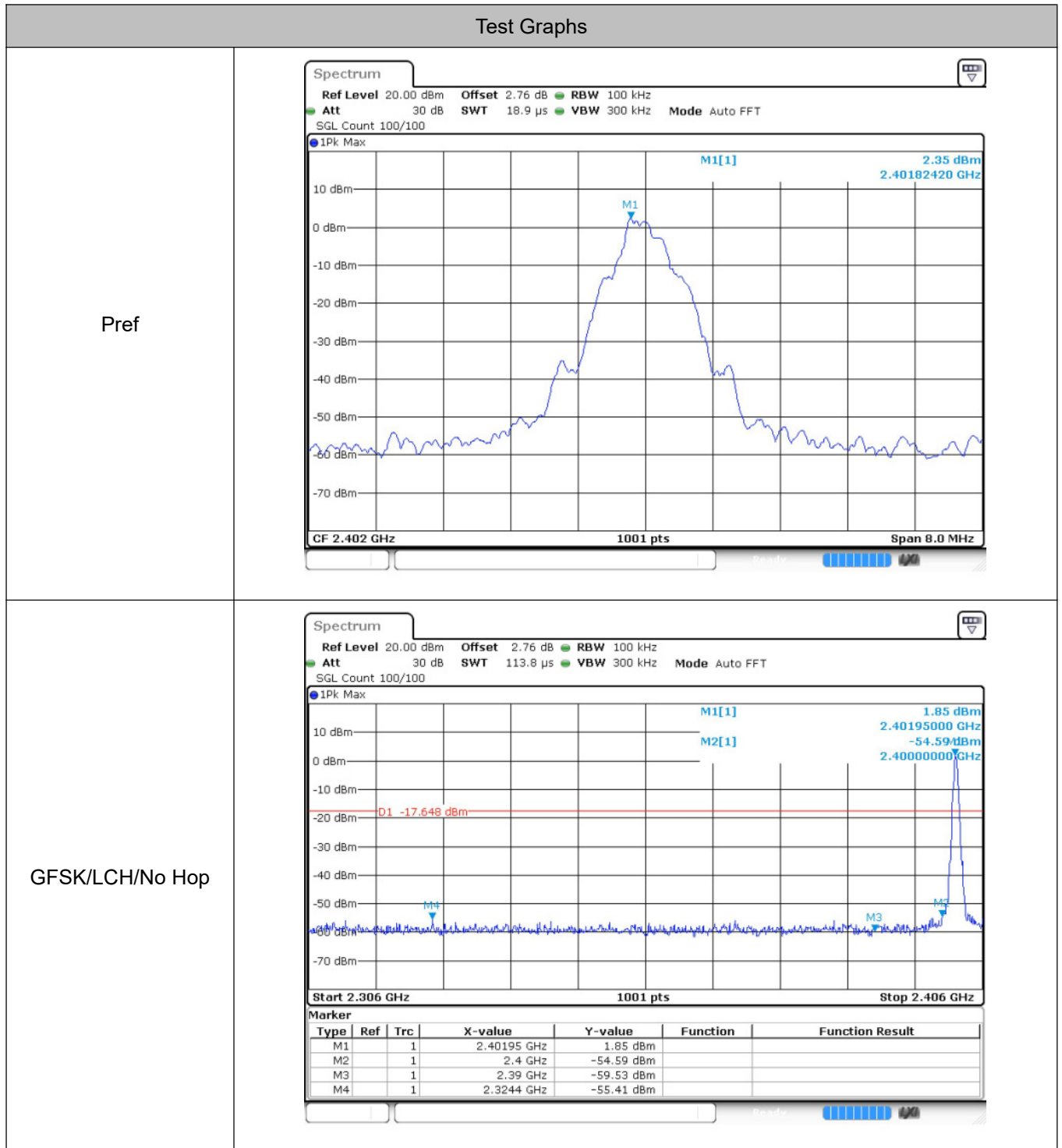


8 Band-edge for RF Conducted Emissions

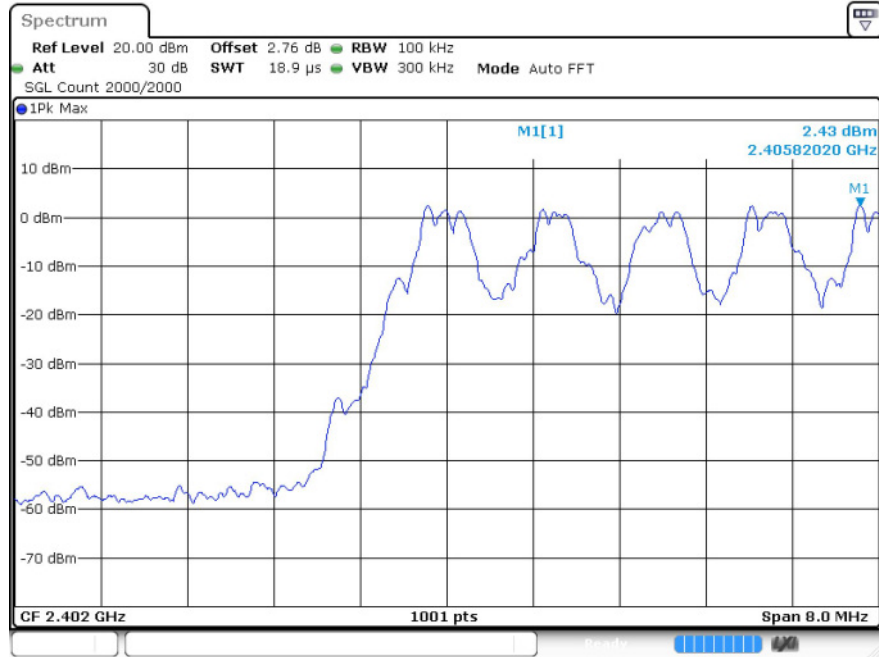
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-57.76	-20	Pass
			On	-56.78	-20	Pass
	HCH	2480	Off	-57.94	-20	Pass
			On	-55.85	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-57.9	-20	Pass
			On	-56.77	-20	Pass
	HCH	2480	Off	-55.31	-20	Pass
			On	-56.08	-20	Pass
8DPSK	LCH	2402	Off	-58.19	-20	Pass
			On	-57.1	-20	Pass
	HCH	2480	Off	-58.03	-20	Pass
			On	-57.44	-20	Pass

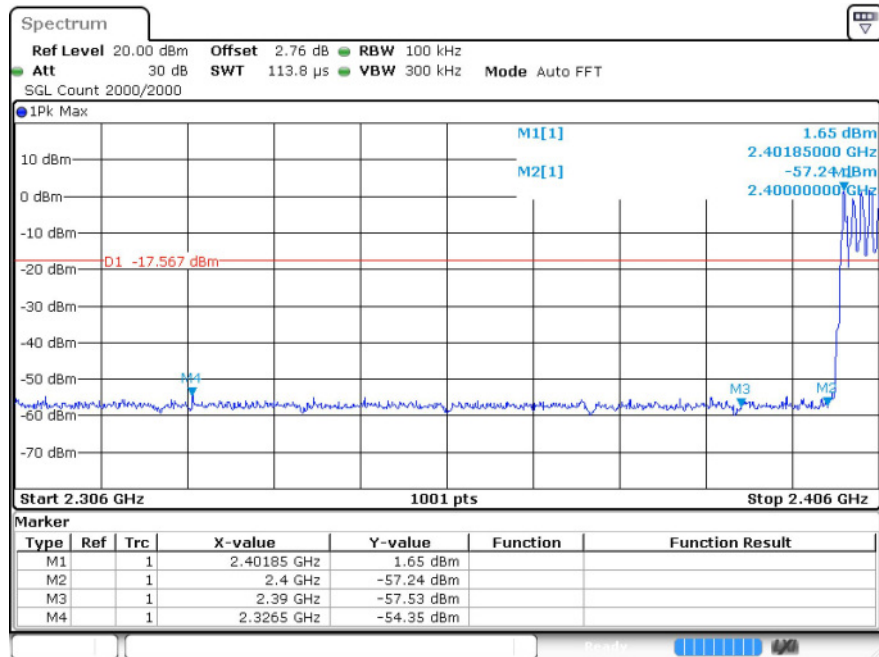
8.2 Test Graphs



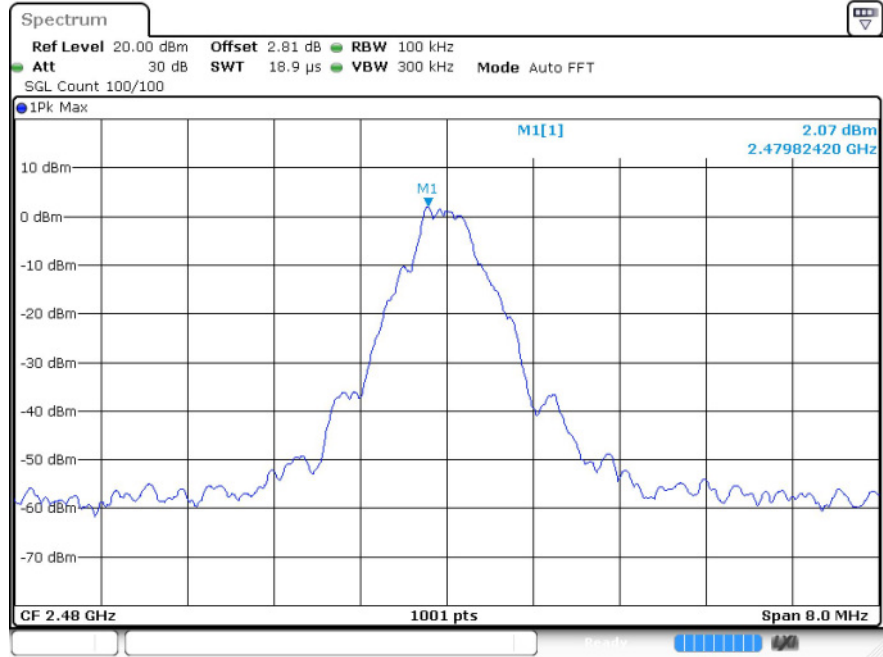
Ref



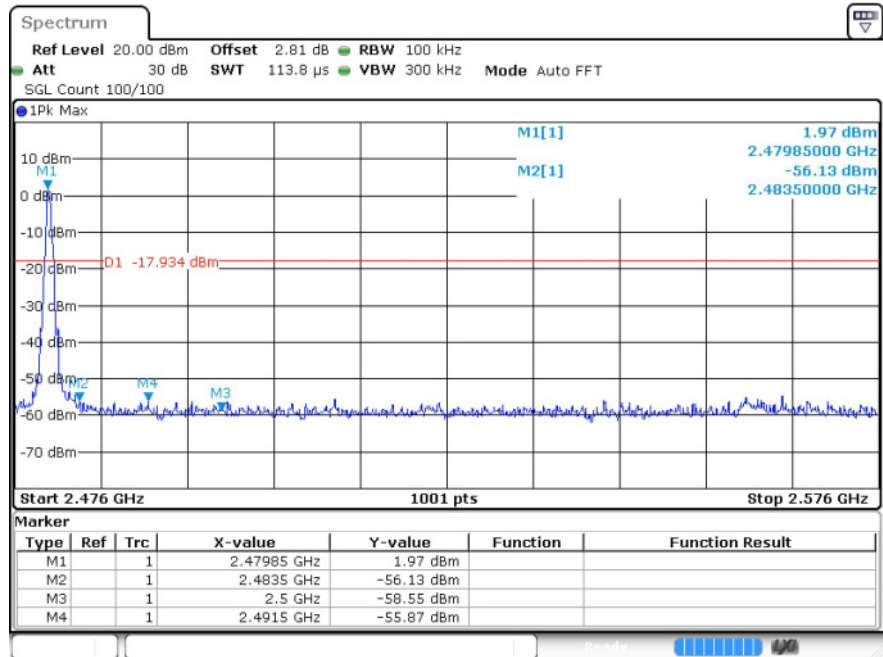
GFSK/LCH/Hop



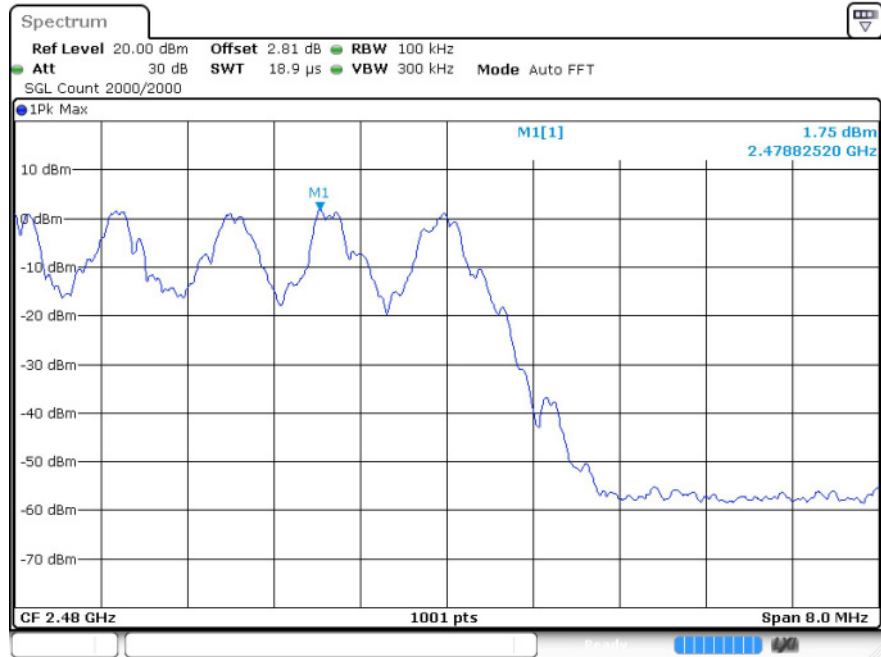
Ref



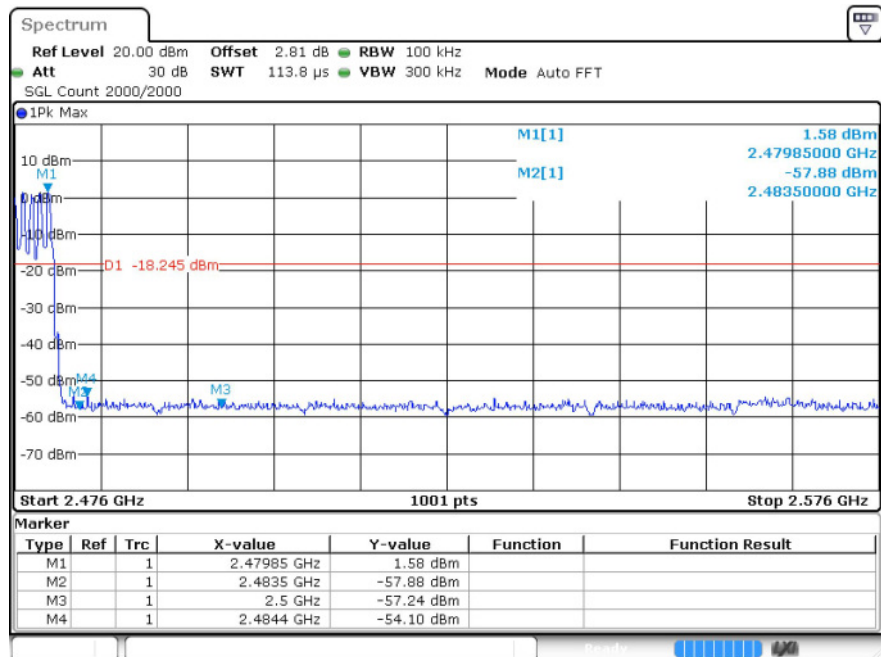
GFSK/HCH/No Hop



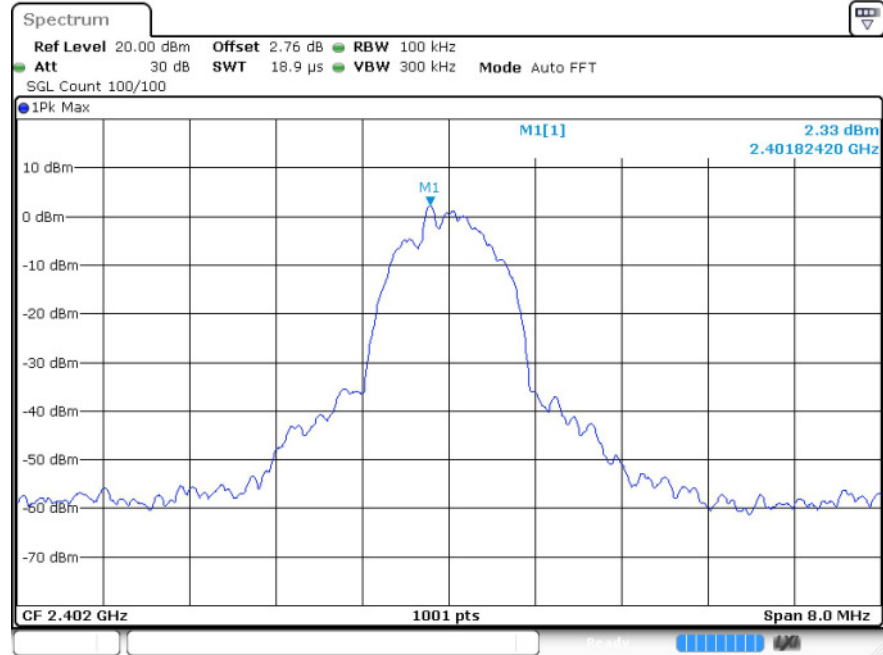
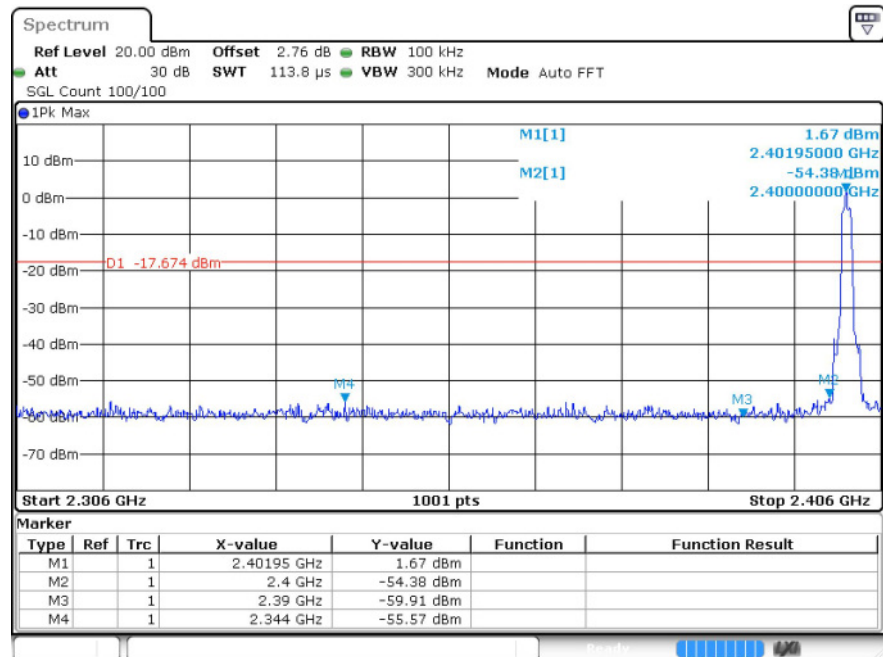
Ref.



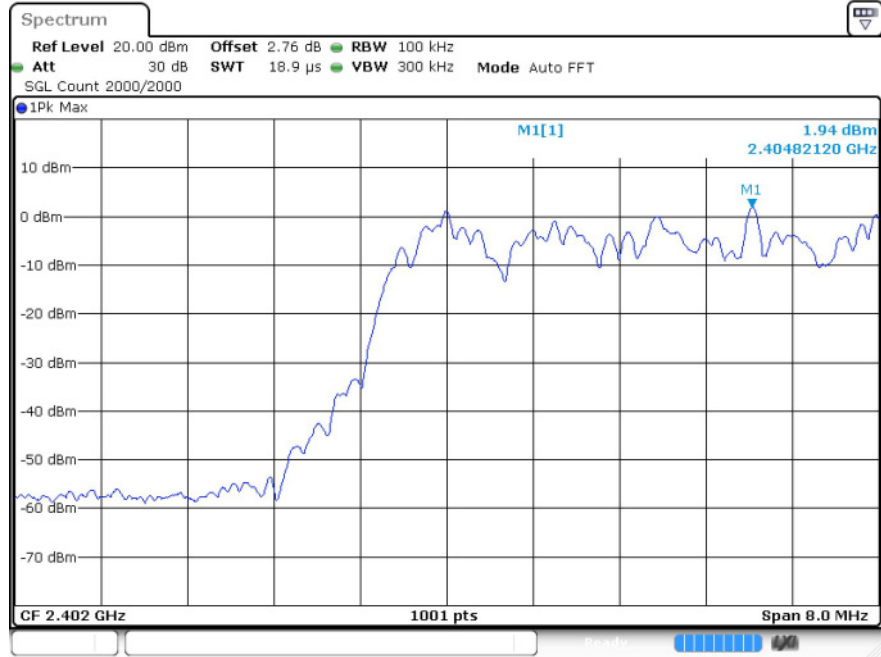
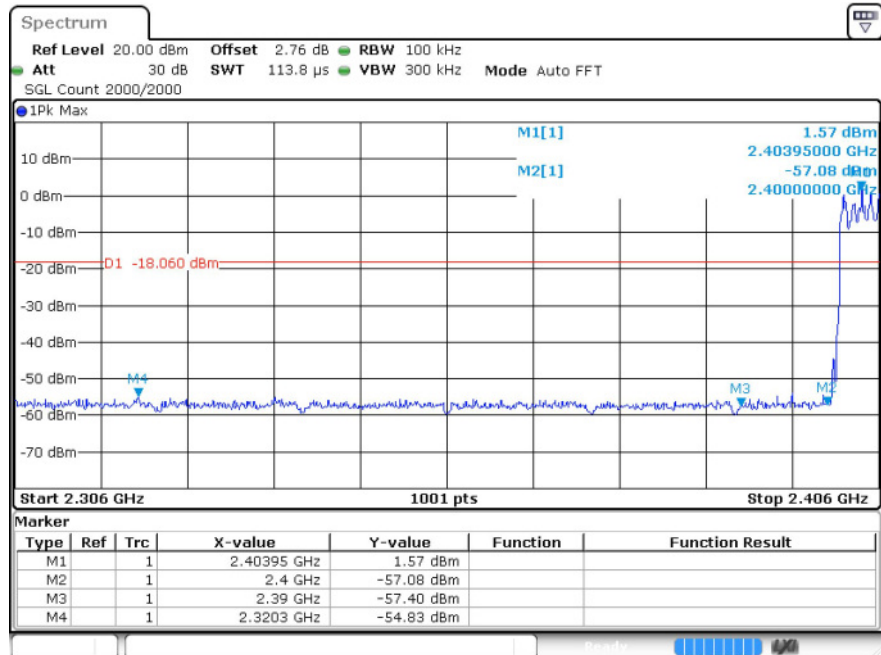
GFSK/HCH/Hop



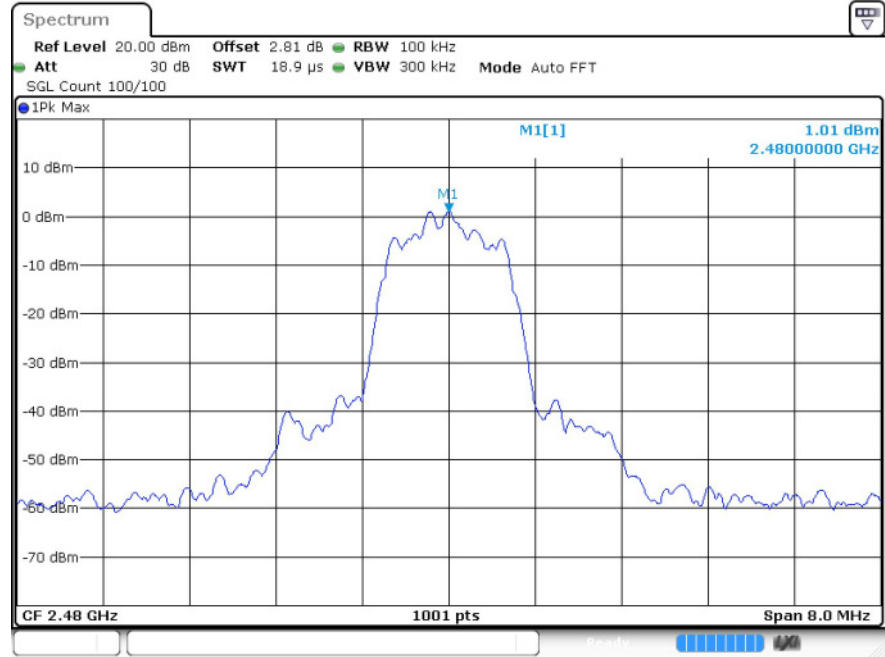
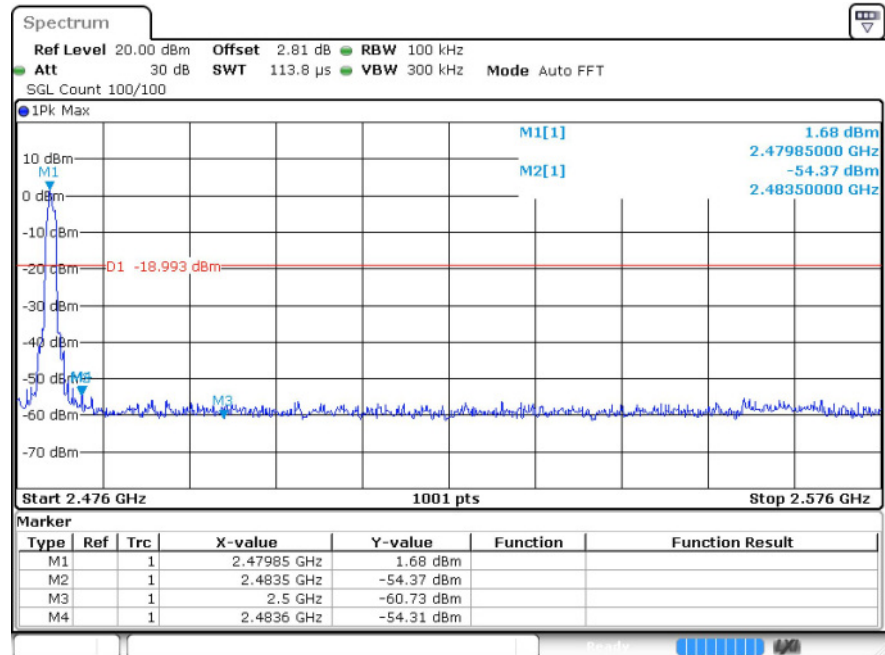
Ref


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


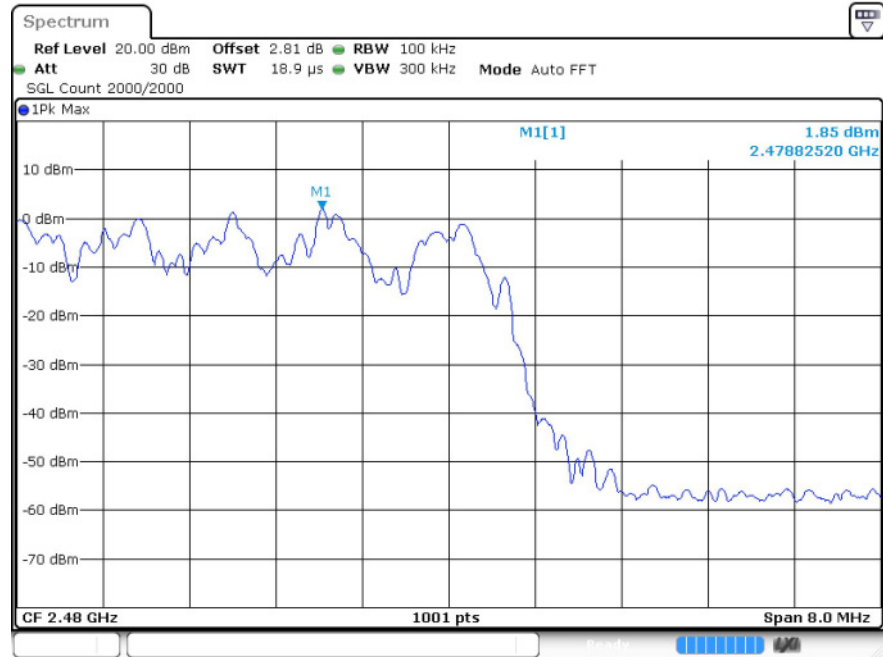
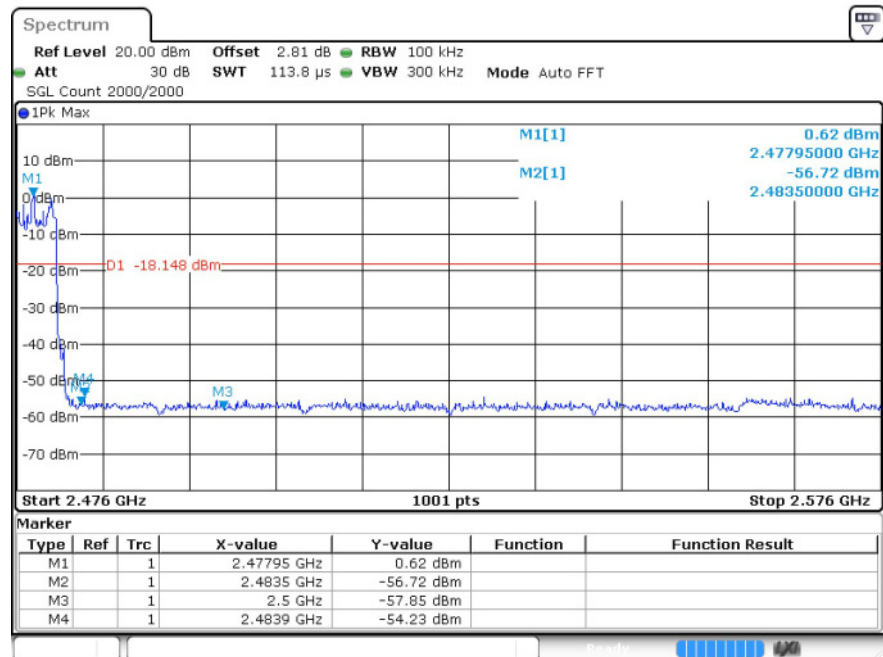
Ref


 $\pi/4$ DQPSK/LCH/Hop


Ref


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


Ref


 $\pi/4$ DQPSK/HCH/Hop


Ref

Spectrum

Ref Level 20.00 dBm Offset 2.76 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

M1[1] 2.35 dBm 2.40215180 GHz

CF 2.402 GHz 1001 pts Span 8.0 MHz

8DPSK/LCH/No Hop

Spectrum

Ref Level 20.00 dBm Offset 2.76 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] 2.35 dBm 2.40185000 GHz
M2[1] -55.14 dBm 2.40000000 GHz

D1 -17.648 dBm

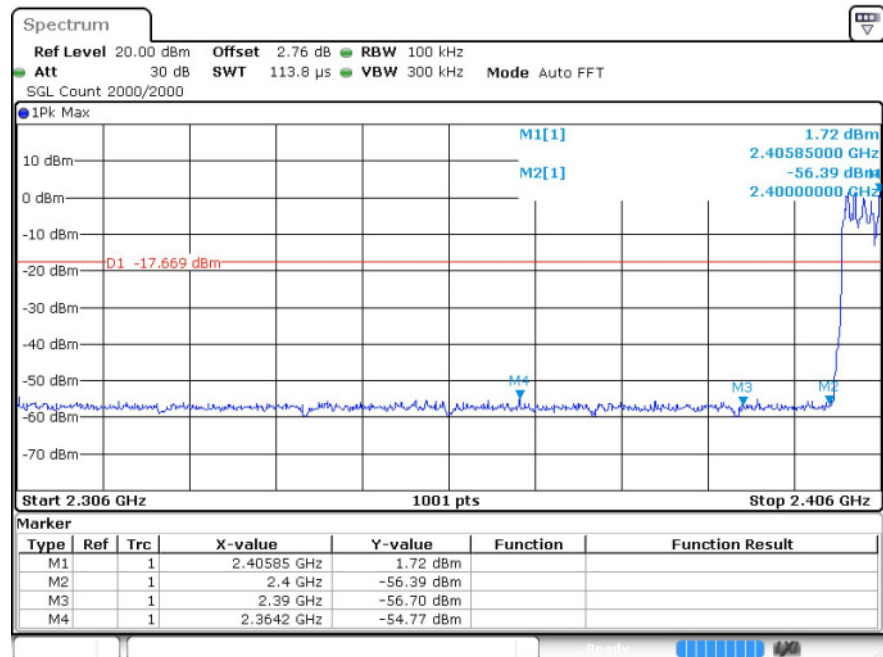
Start 2.306 GHz 1001 pts Stop 2.406 GHz

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			1	2.40185 GHz	2.35 dBm		
M2			1	2.4 GHz	-55.14 dBm		
M3			1	2.39 GHz	-59.25 dBm		
M4			1	2.3164 GHz	-55.84 dBm		

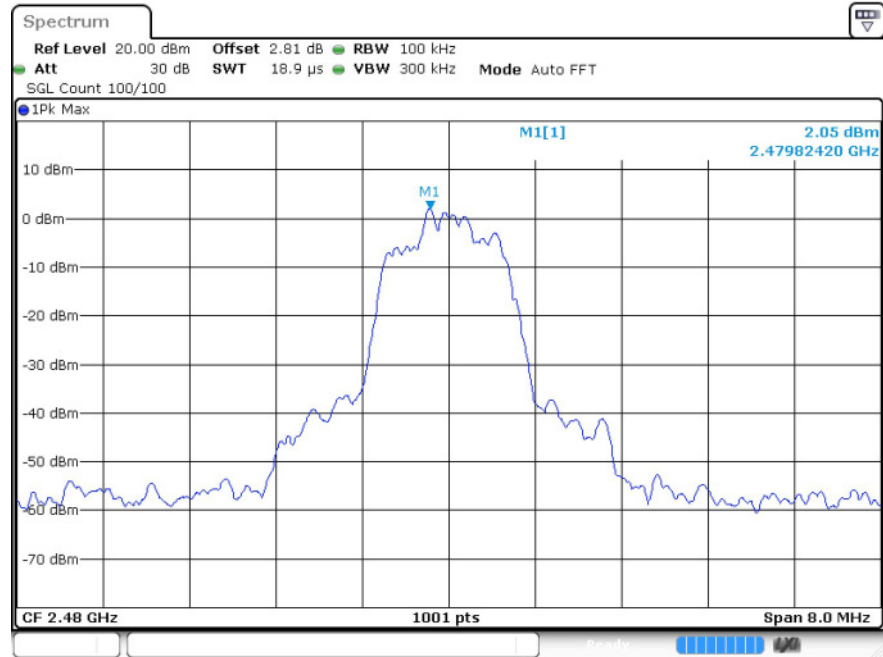
Ref



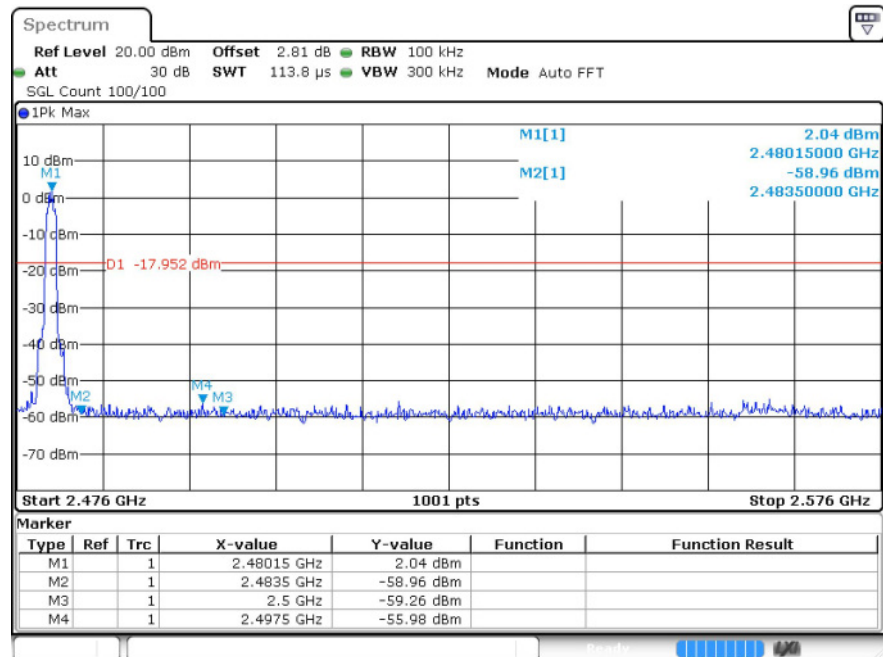
8DPSK/LCH/Hop



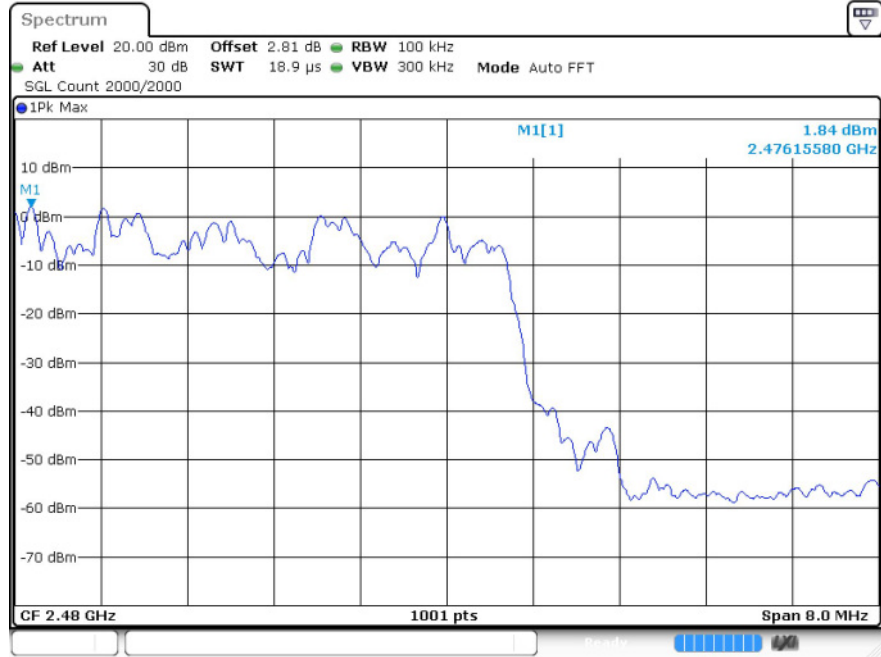
Ref



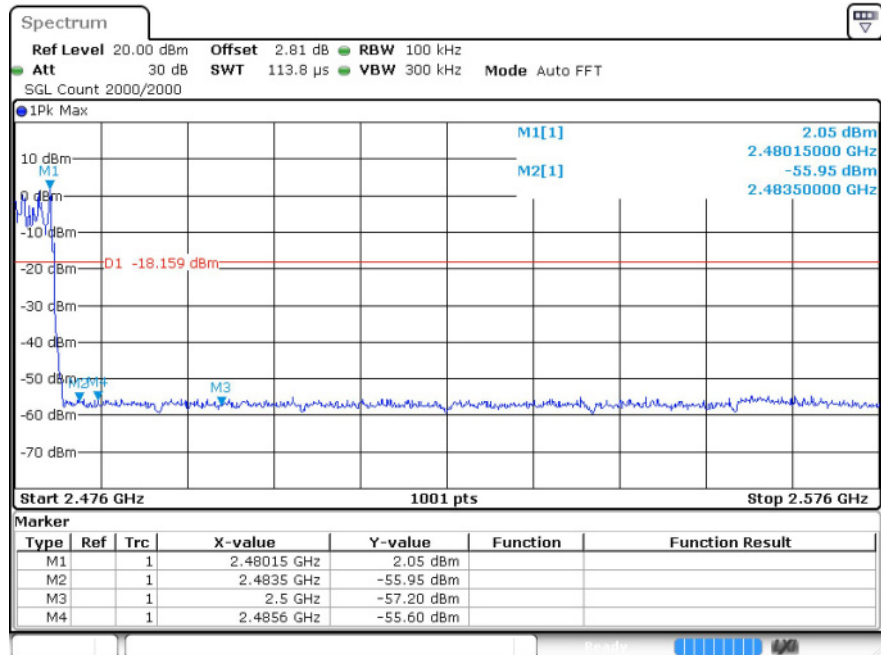
8DPSK/HCH/No Hop



Ref



8DPSK/HCH/Hop



9 Restrict-band band-edge measurements

9.1 Test Result

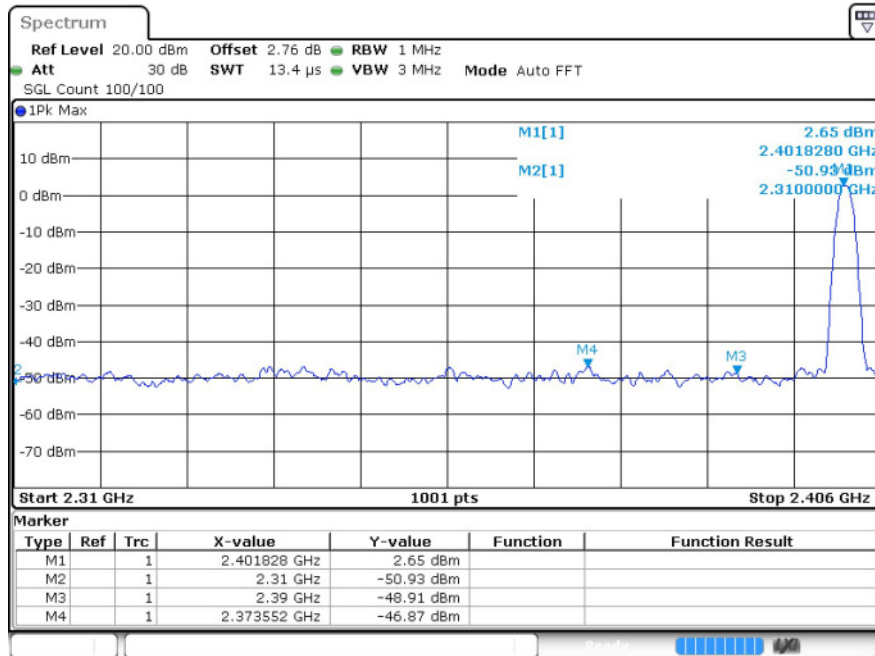
Test Mode	Hopping	Freq.	Power [dBm]	Gain	Duty Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
GFSK	Off	2310.0	-50.93	2	-	46.33	PEAK	74	Pass
	Off	2310.0	-57.04	2	5.06	45.28	AV	54	Pass
	Off	2373.552	-46.87	2	-	50.39	PEAK	74	Pass
	Off	2338.032	-53.98	2	5.06	48.34	AV	54	Pass
	Off	2390.0	-48.91	2	-	48.35	PEAK	74	Pass
	Off	2390.0	-56.61	2	5.06	45.71	AV	54	Pass
	Off	2483.5	-50.07	2	-	47.19	PEAK	74	Pass
	Off	2483.5	-56.32	2	5.17	46.11	AV	54	Pass
	Off	2493.856	-47.81	2	-	49.45	PEAK	74	Pass
	Off	2489.728	-55.82	2	5.17	46.61	AV	54	Pass
	Off	2500.0	-50.99	2	-	46.27	PEAK	74	Pass
	Off	2500.0	-56.55	2	5.17	45.88	AV	54	Pass
$\pi/4$ DQPSK	Off	2310.0	-50.86	2	-	46.4	PEAK	74	Pass
	Off	2310.0	-56.82	2	4.95	45.39	AV	54	Pass
	Off	2389.104	-46.15	2	-	51.11	PEAK	74	Pass
	Off	2339.664	-54.35	2	4.95	47.86	AV	54	Pass
	Off	2390.0	-49.89	2	-	47.37	PEAK	74	Pass
	Off	2390.0	-56.46	2	4.95	45.75	AV	54	Pass
	Off	2483.5	-48.97	2	-	48.29	PEAK	74	Pass
	Off	2483.5	-56.3	2	5.06	46.02	AV	54	Pass
	Off	2499.112	-47.84	2	-	49.42	PEAK	74	Pass
	Off	2487.328	-55.75	2	5.06	46.57	AV	54	Pass
	Off	2500.0	-49.6	2	-	47.66	PEAK	74	Pass
	Off	2500.0	-56	2	5.06	46.32	AV	54	Pass
8DPSK	Off	2310.0	-51.81	2	-	45.45	PEAK	74	Pass
	Off	2310.0	-56.56	2	5.06	45.76	AV	54	Pass
	Off	2338.128	-45.58	2	-	51.68	PEAK	74	Pass
	Off	2338.416	-54.42	2	5.06	47.9	AV	54	Pass



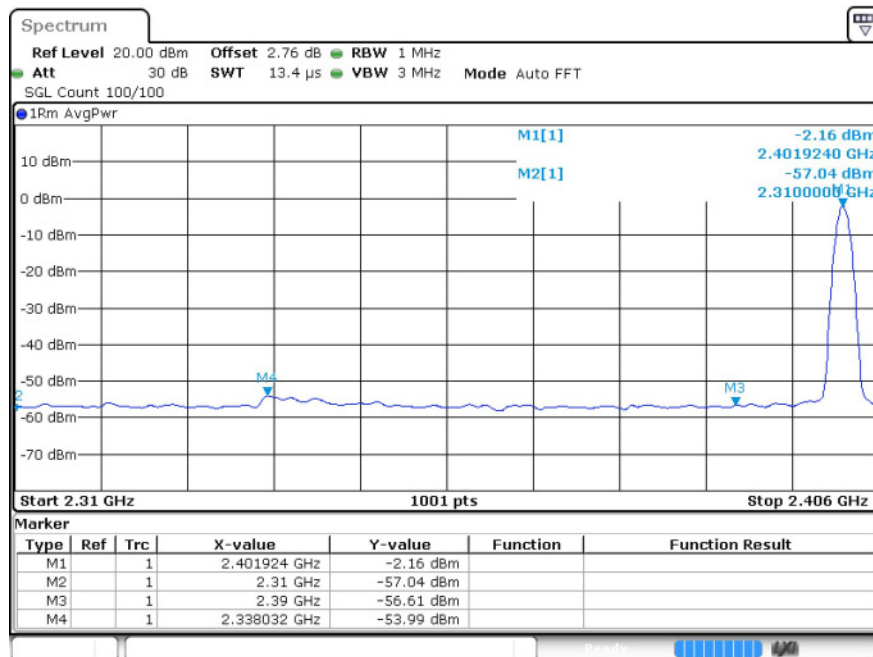
Off	2390.0	-50.07	2	-	47.19	PEAK	74	Pass
Off	2390.0	-56.13	2	5.06	46.19	AV	54	Pass
Off	2483.5	-50.47	2	-	46.79	PEAK	74	Pass
Off	2483.5	-55.78	2	5.06	46.54	AV	54	Pass
Off	2485.36	-47.54	2	-	49.72	PEAK	74	Pass
Off	2497.576	-55.64	2	5.06	46.68	AV	54	Pass
Off	2500.0	-47.75	2	-	49.51	PEAK	74	Pass
Off	2500.0	-55.93	2	5.06	46.39	AV	54	Pass

9.2 Test Graphs

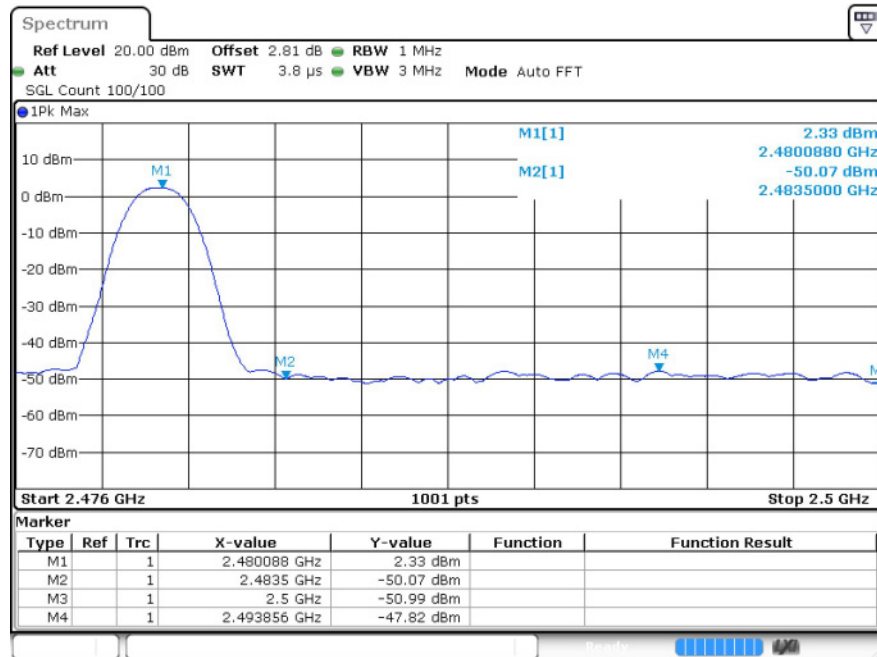
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (Low Channel)



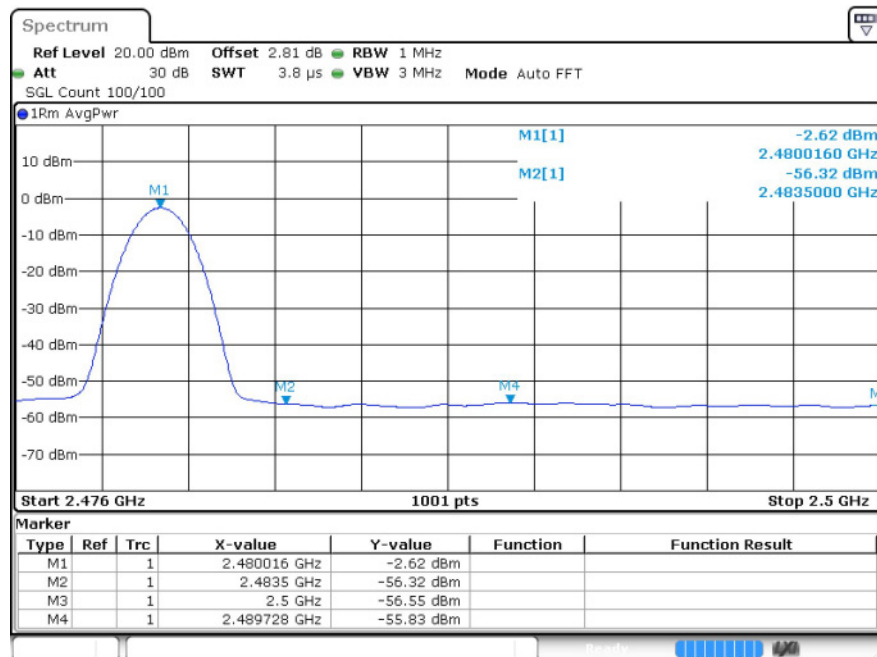
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (Low Channel)



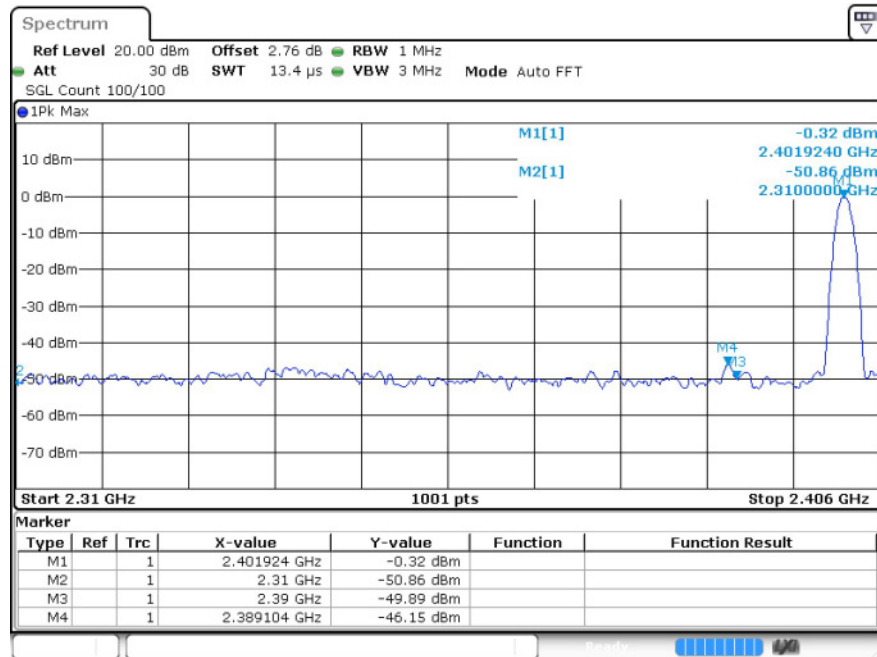
Restrict-band band-edge measurements_Hopping Off_ GFSK_PEAK (High Channel)



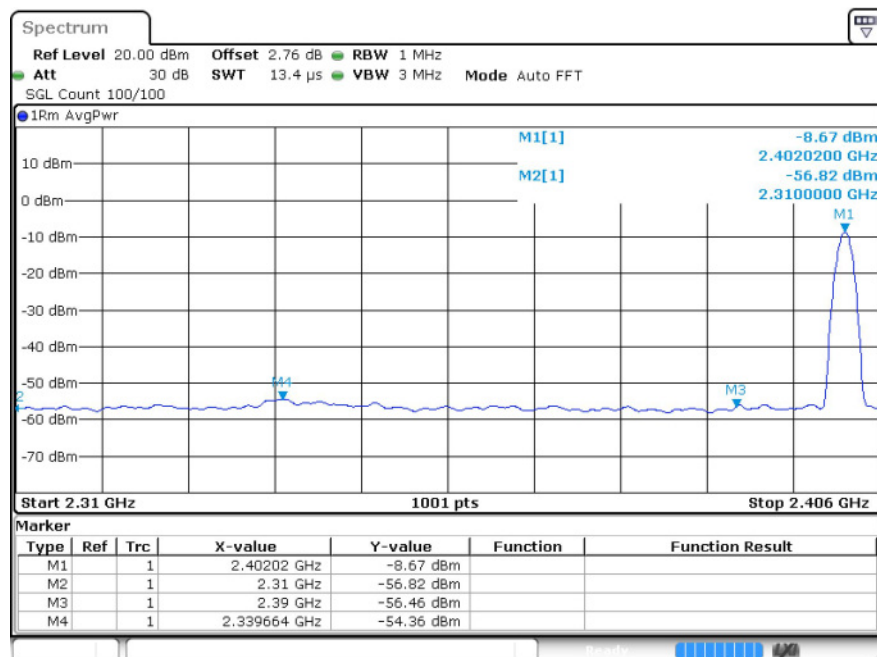
Restrict-band band-edge measurements_Hopping Off_ GFSK_Average (High Channel)



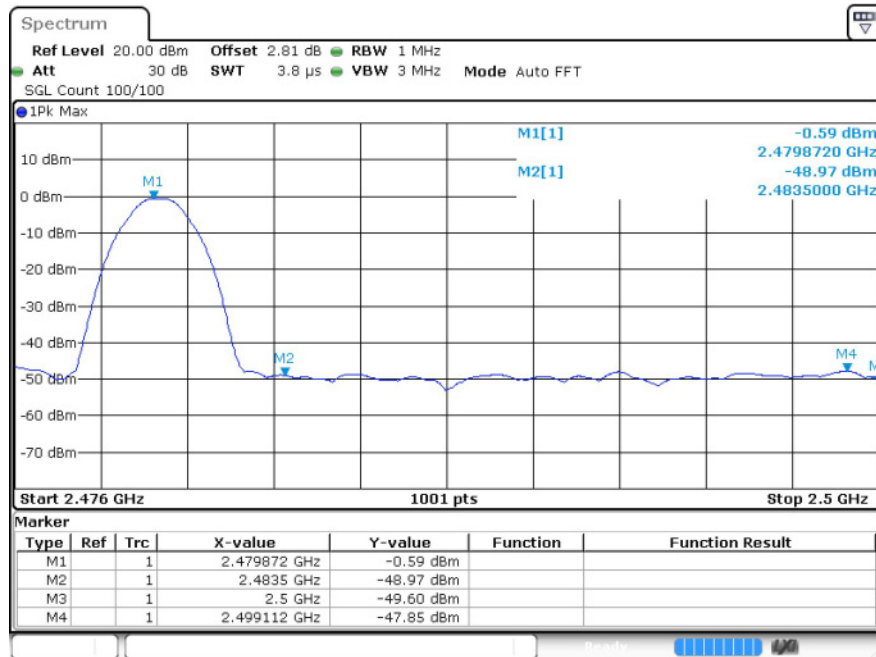
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (Low Channel)



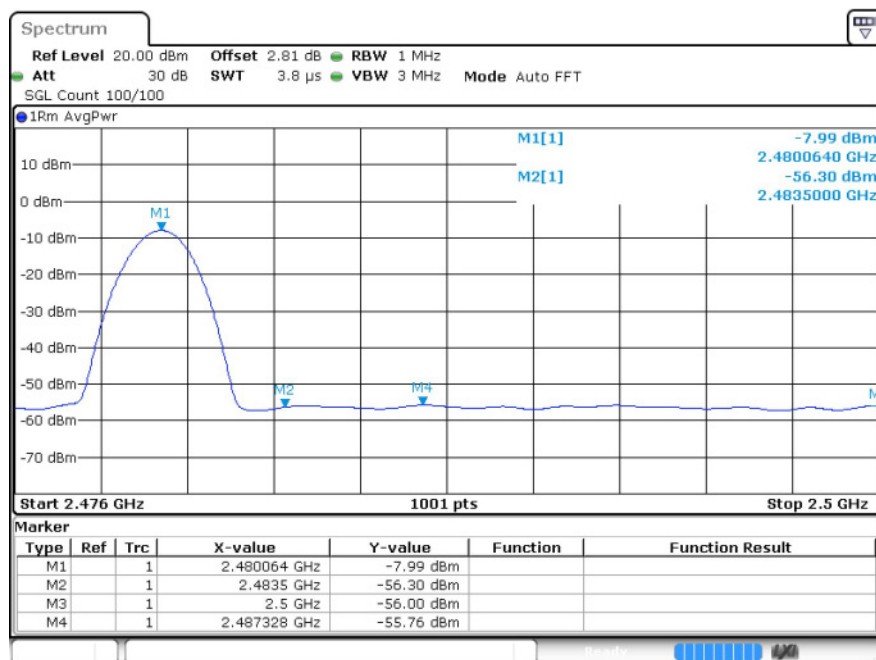
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (Low Channel)



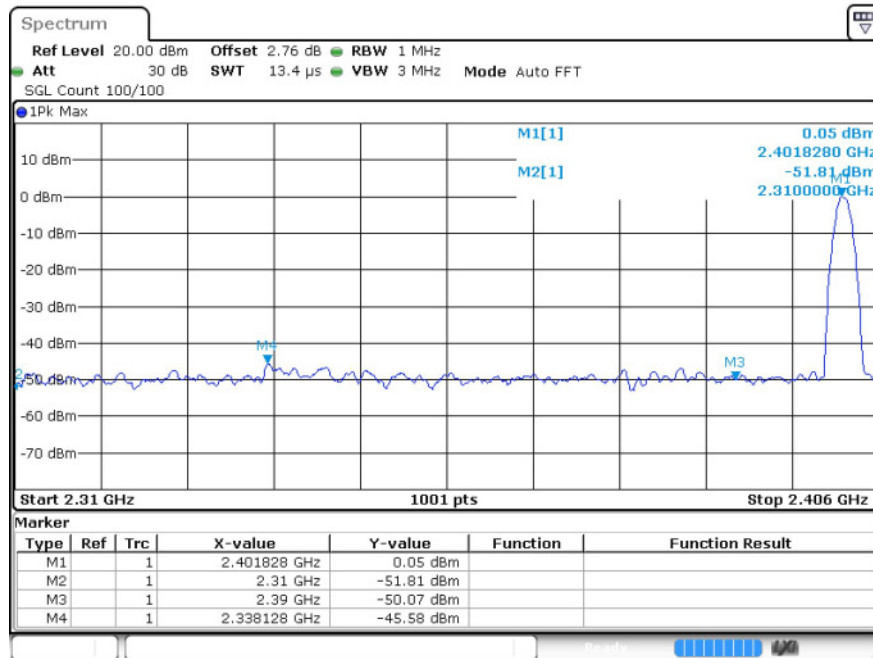
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_PEAK (High Channel)



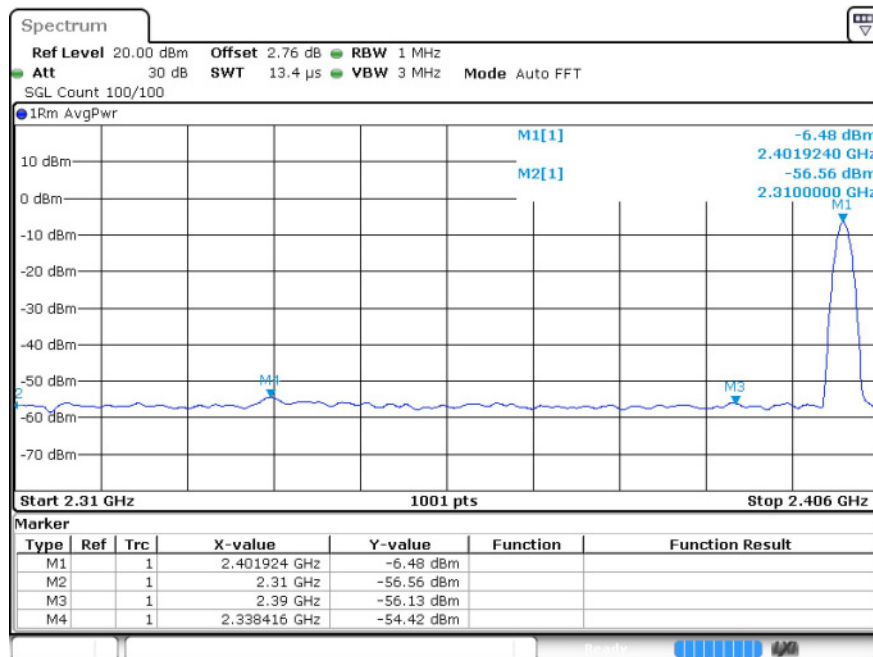
Restrict-band band-edge measurements_Hopping Off_π/4-DQPSK_Average (High Channel)



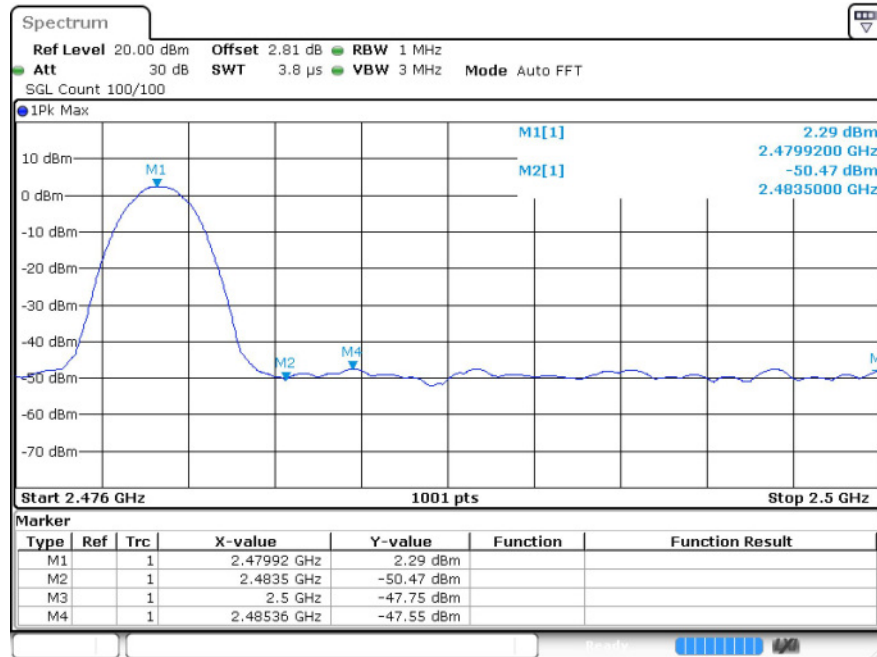
Restrict-band band-edge measurements_Hopping Off_8DPSK_PEAK (Low Channel)



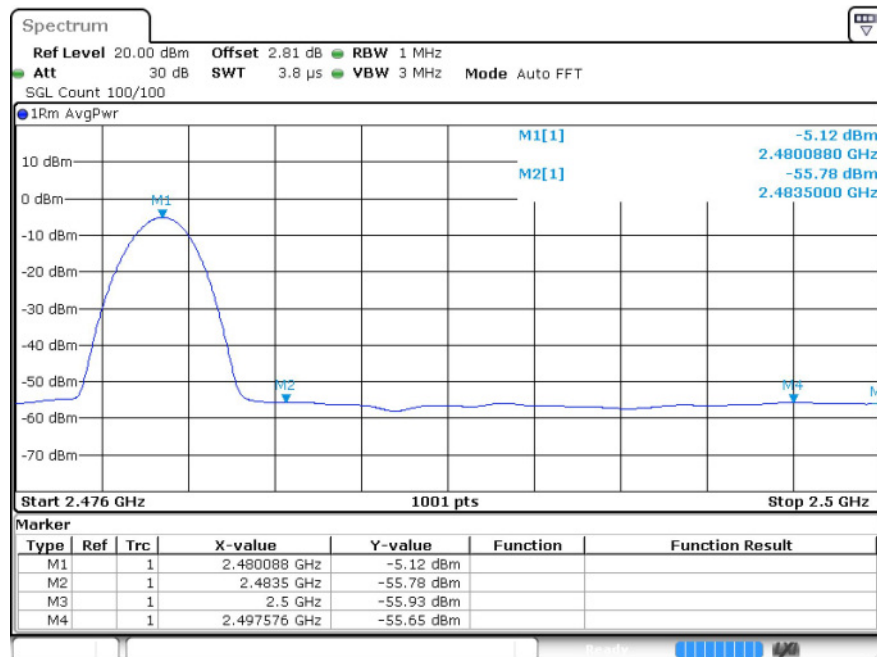
Restrict-band band-edge measurements_Hopping Off_8DPSK_Average (Low Channel)



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



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



---The End---