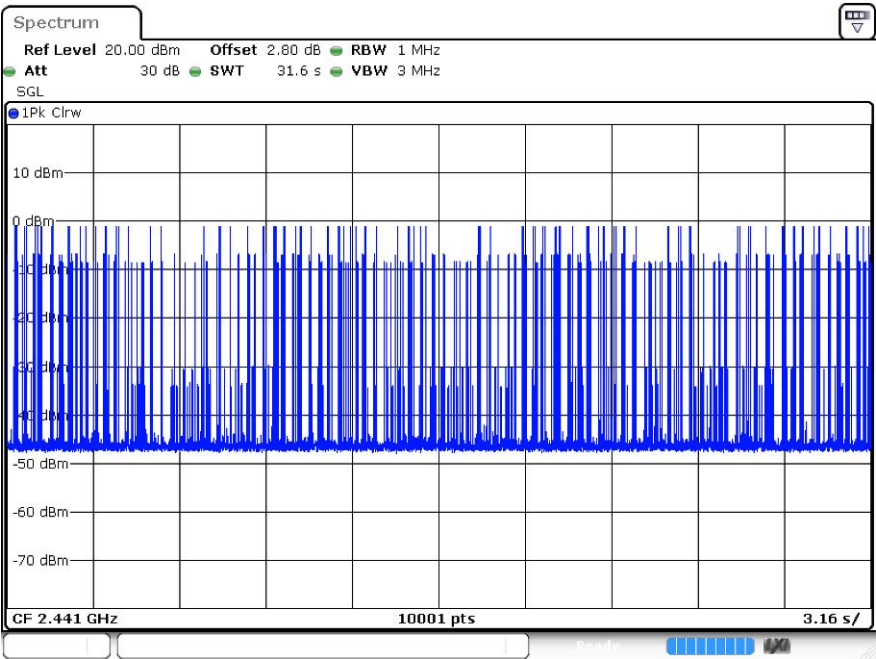
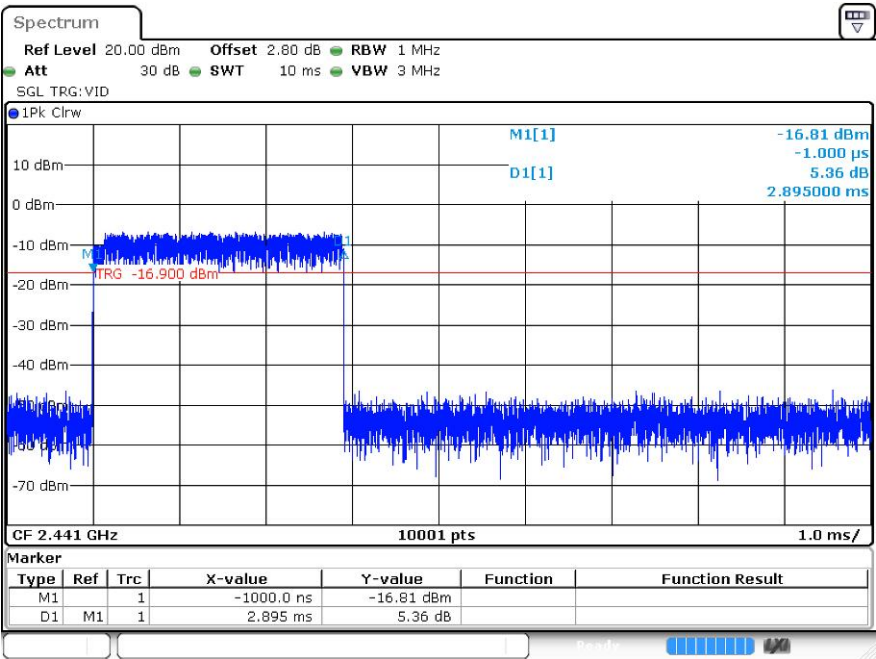
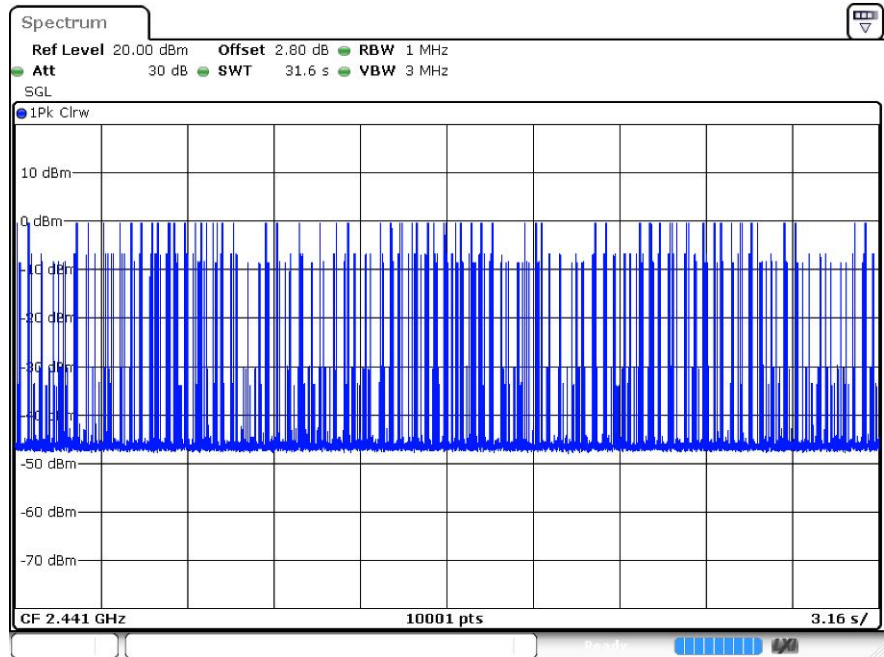
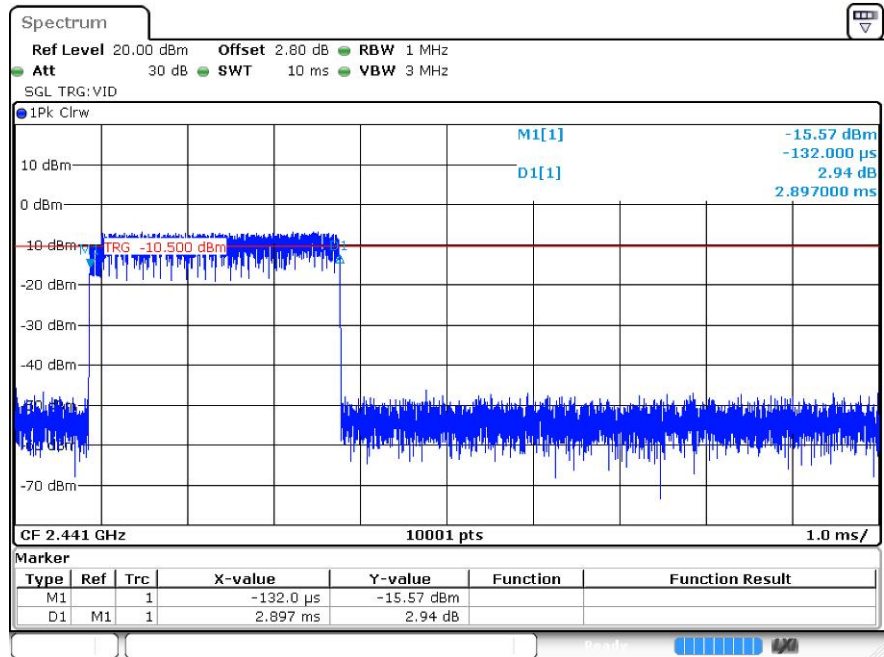


$\pi/4$ DQPSK
_2DH5/MCH



8DPSK_3DH5/MCH

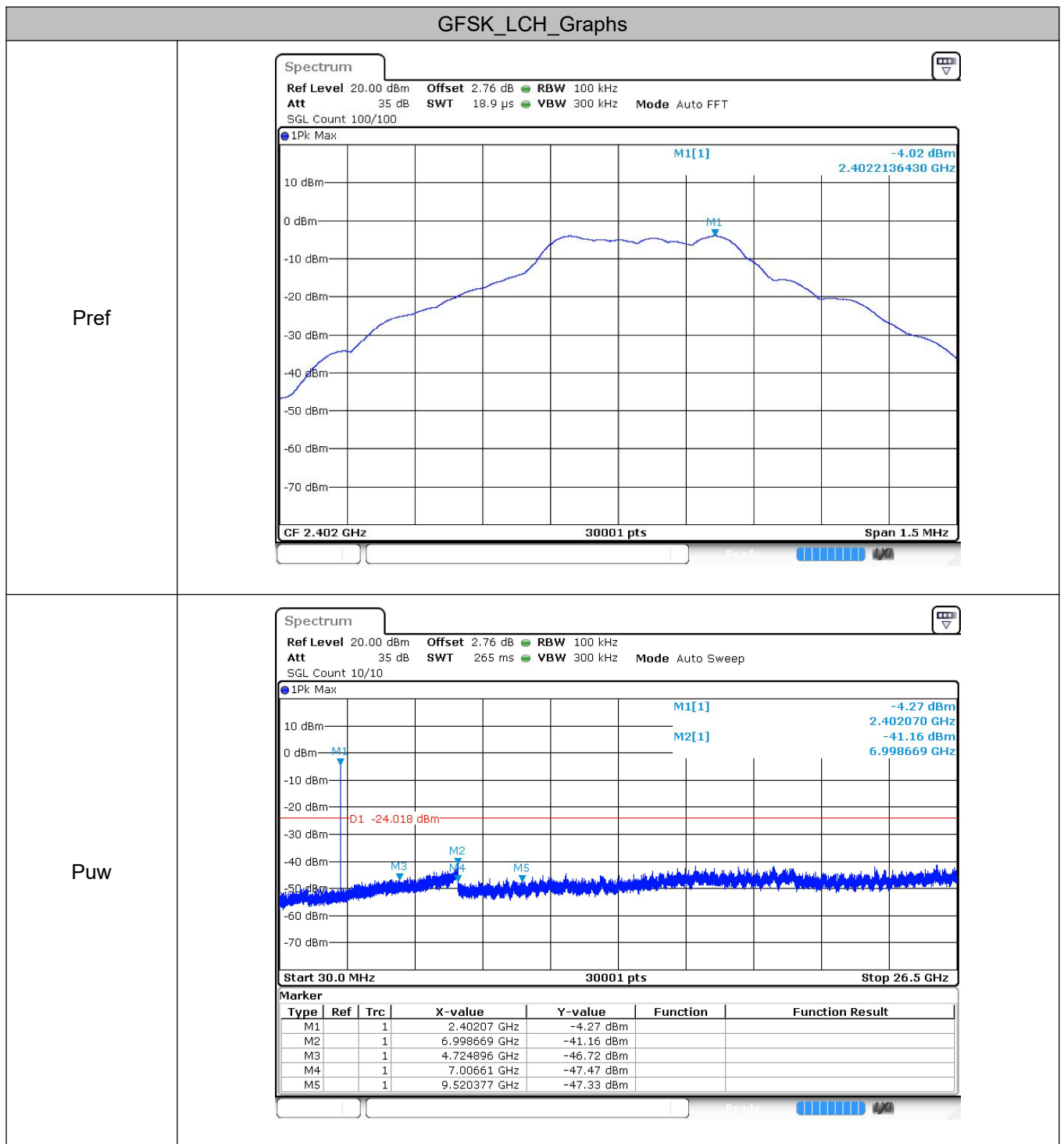


7 RF Conducted Spurious Emissions

7.1 Test Result

Mode	Channel	Max. Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	-37.14	-20	Pass
	MCH	-38.17	-20	Pass
	HCH	-38.25	-20	Pass
$\pi/4$ DQPSK	LCH	-37.22	-20	Pass
	MCH	-37.56	-20	Pass
	HCH	-38.17	-20	Pass
8DPSK	LCH	-36.81	-20	Pass
	MCH	-38.31	-20	Pass
	HCH	-38.75	-20	Pass

7.2 Test Graphs

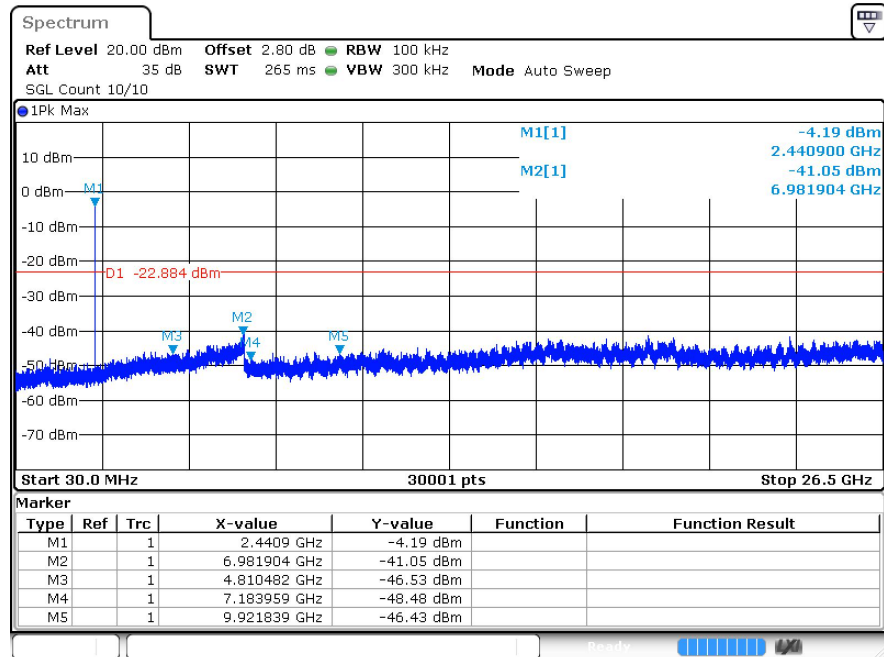


GFSK_MCH_Graphs

Pref



Puw

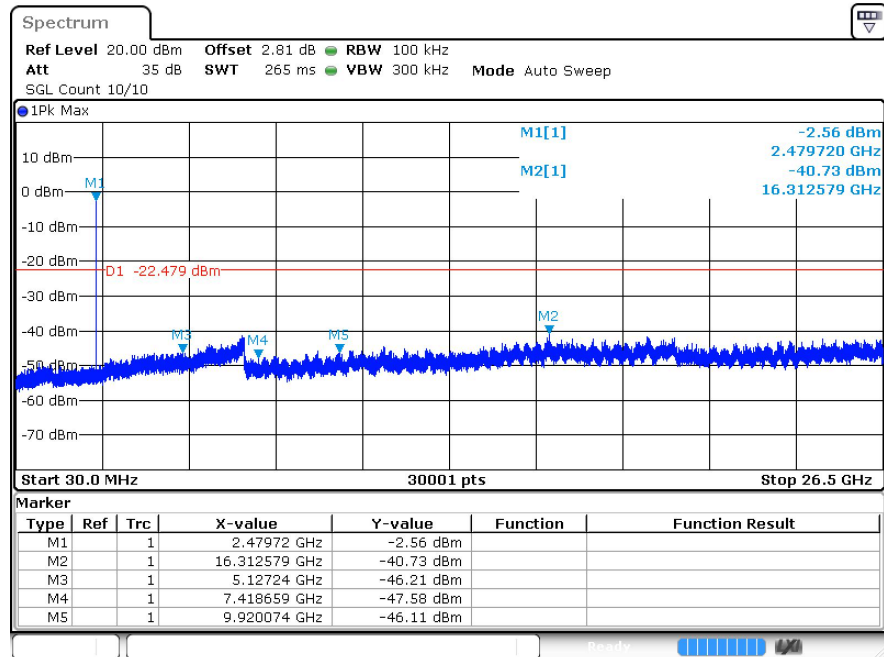


GFSK_HCH_Graphs

Pref



Puw

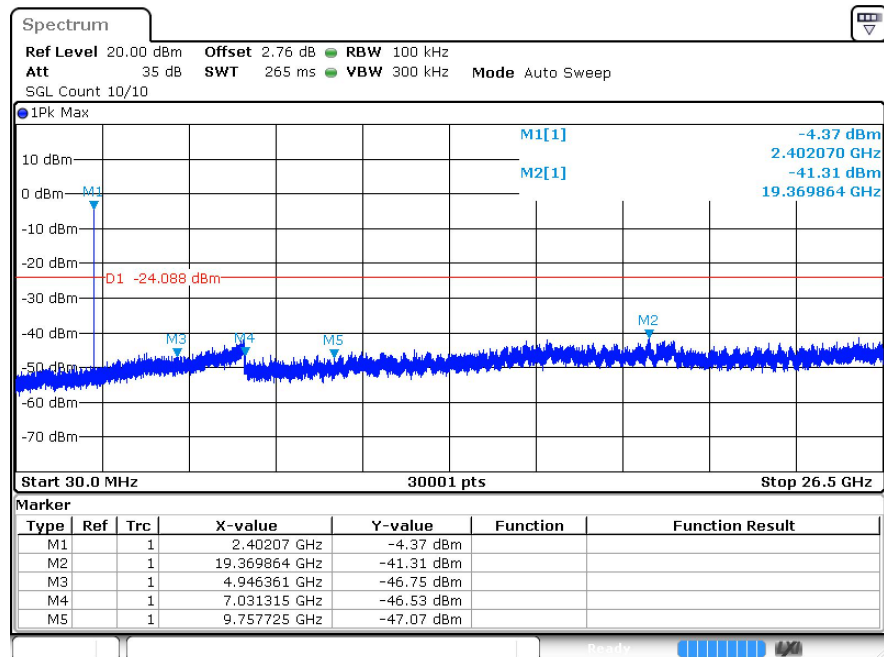


$\pi/4$ DQPSK_LCH_Graphs

Pref



Puw

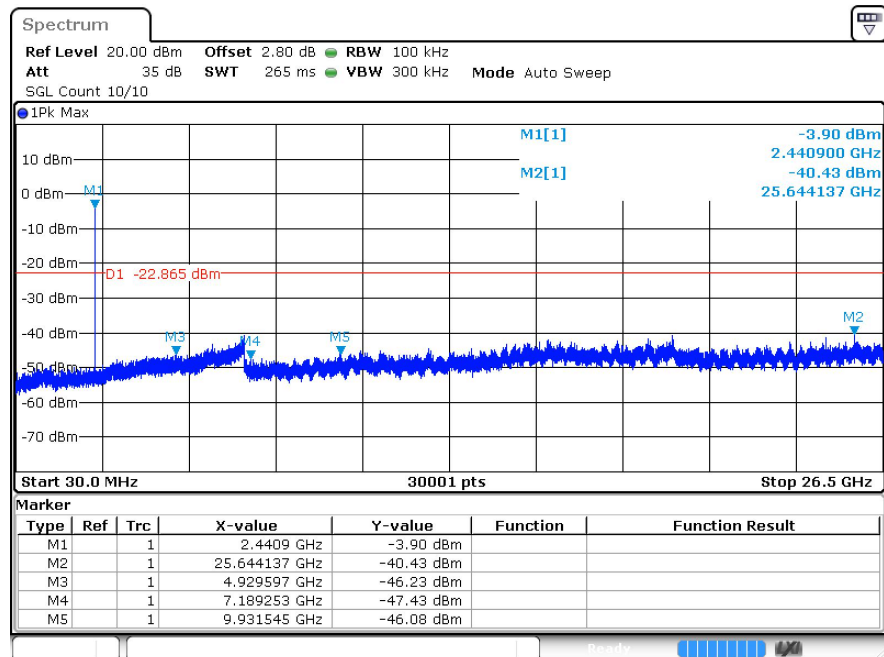


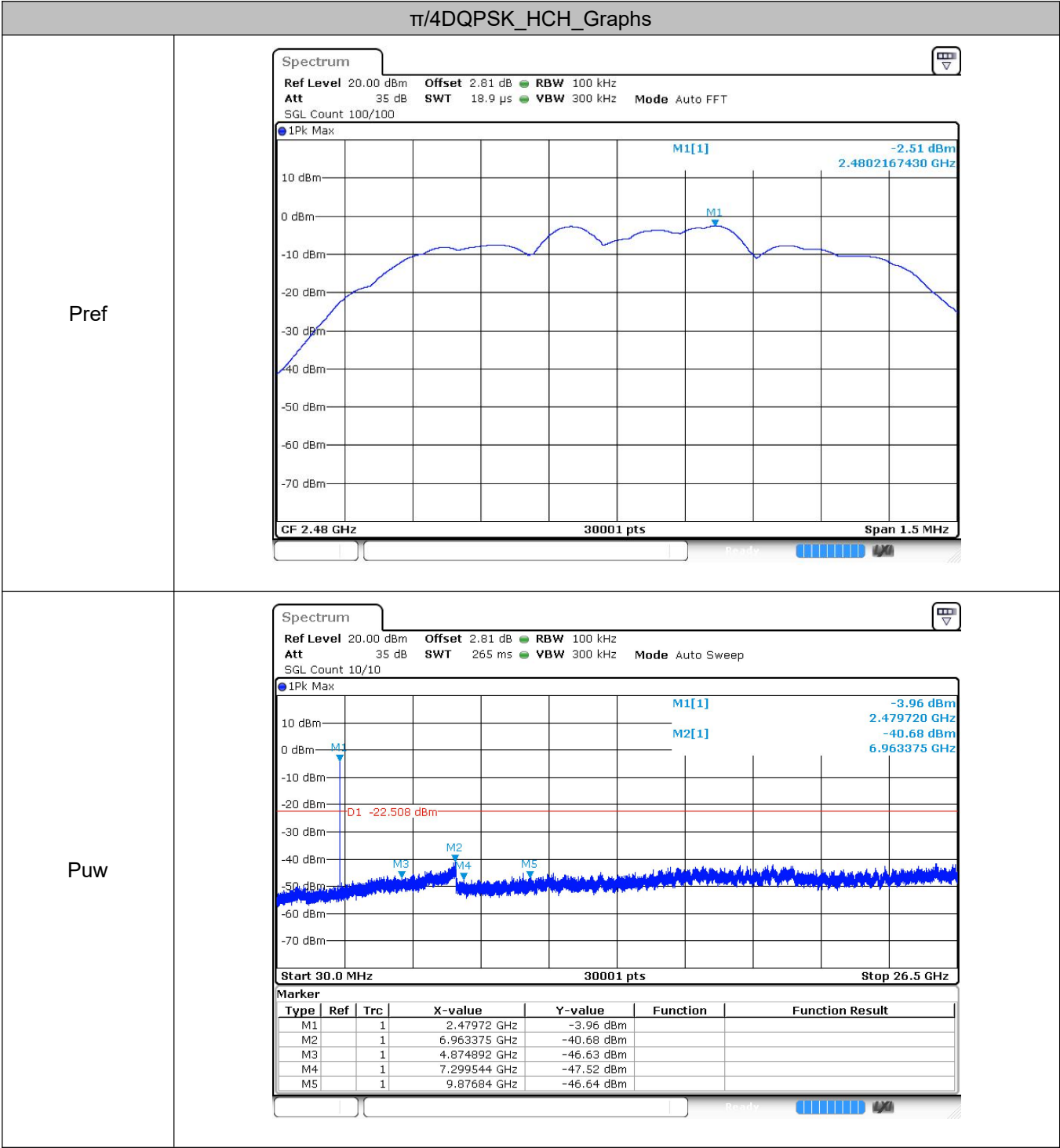
π /4DQPSK_MCH_Graphs

Pref



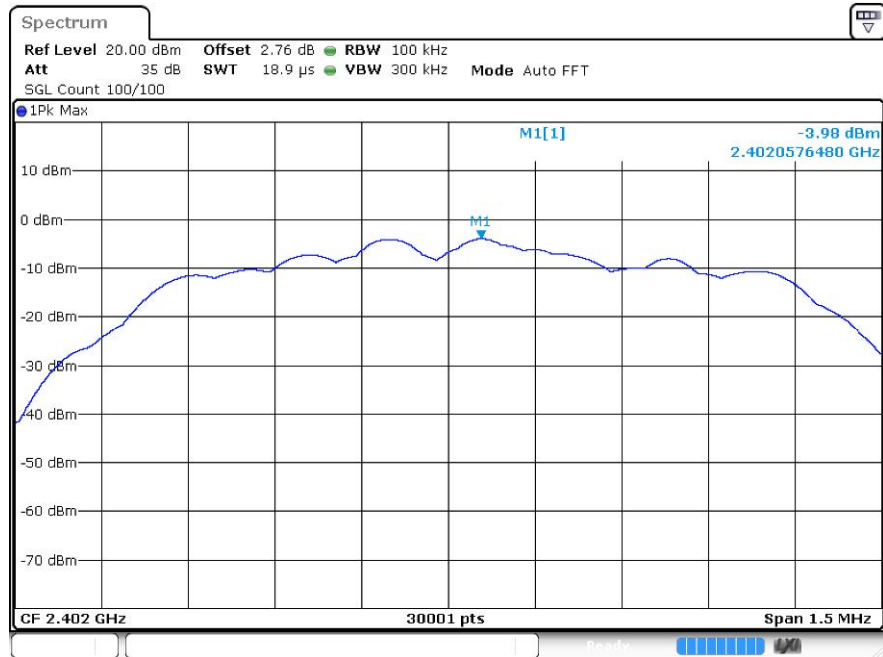
Puw



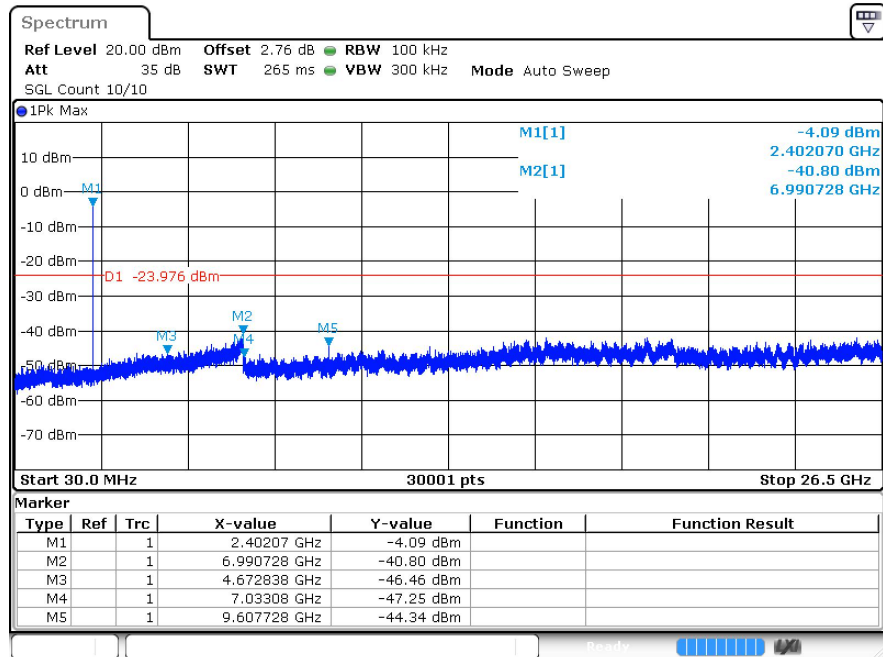


8DPSK_LCH_Graphs

Pref



Puw

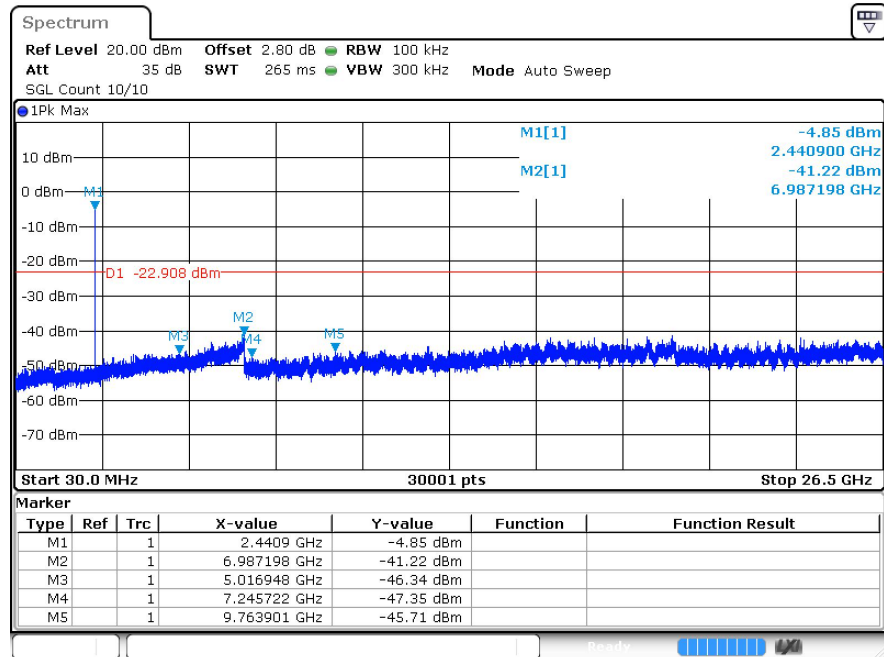


8DPSK_MCH_Graphs

Pref

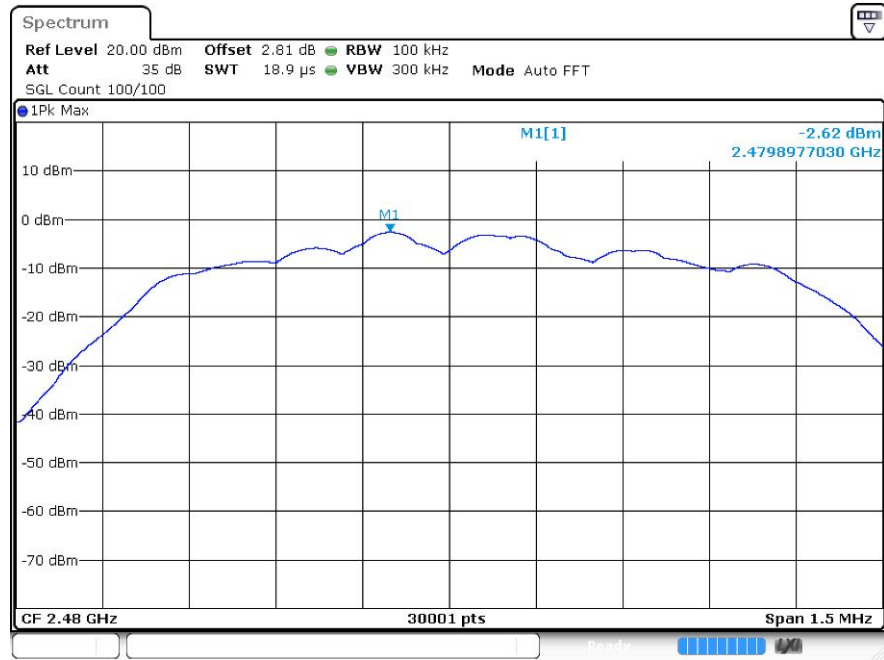


Puw

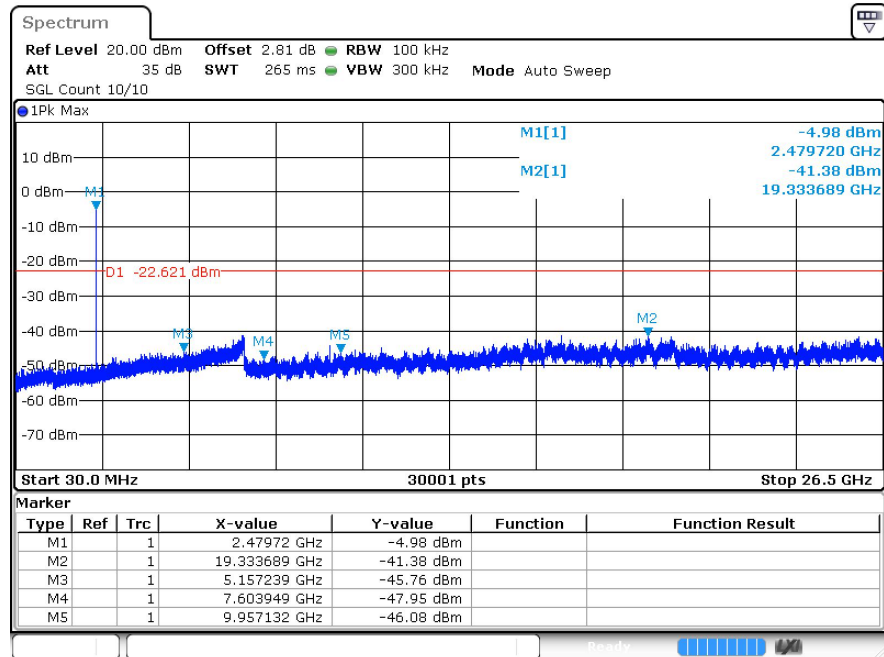


8DPSK_HCH_Graphs

Pref



Puw

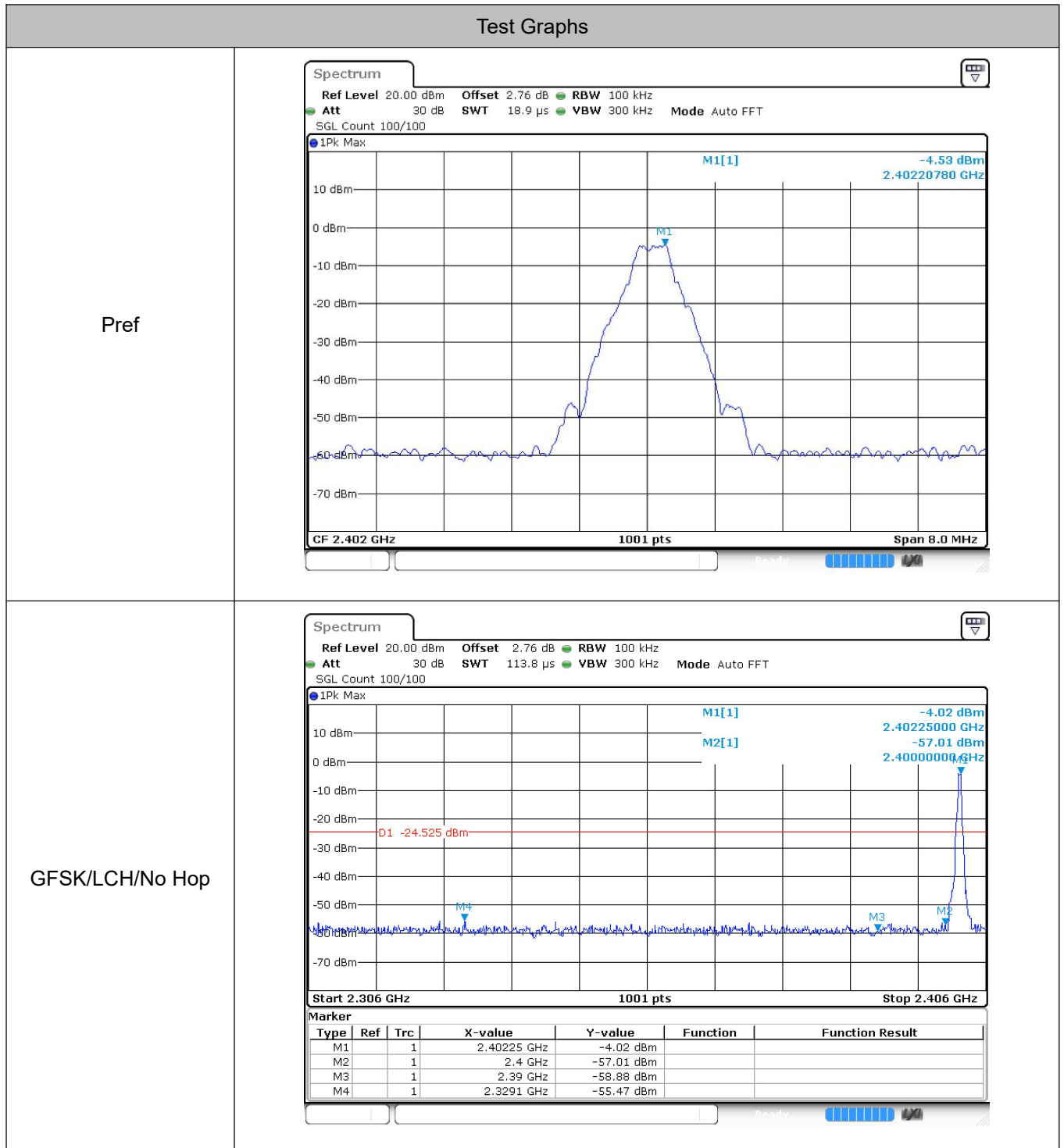


8 Band-edge for RF Conducted Emissions

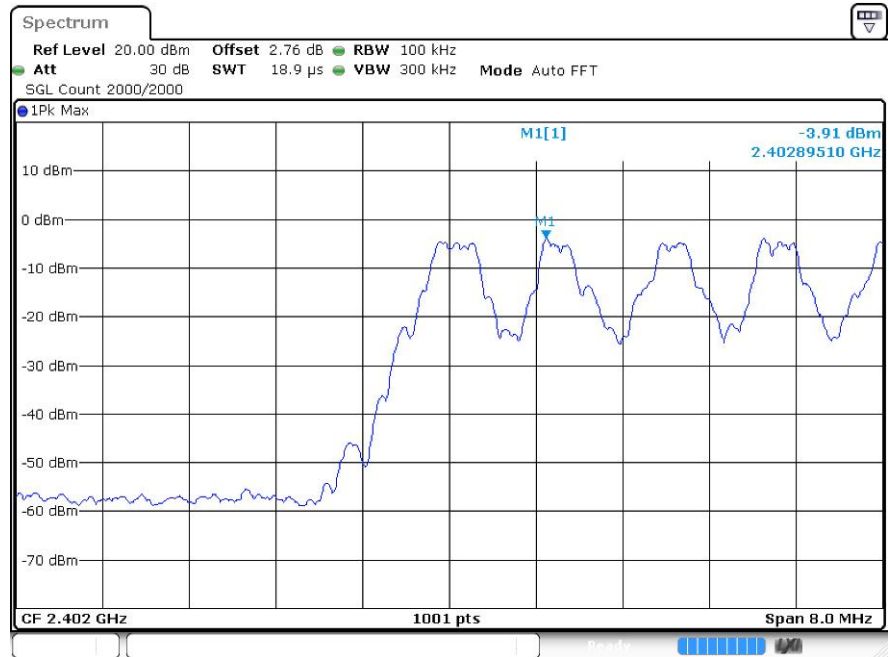
8.1 Test Result

Mode	Channel	Carrier Frequency [MHz]	Frequency Hopping	Max Spurious Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	2402	Off	-50.94	-20	Pass
			On	-50.23	-20	Pass
	HCH	2480	Off	-53.4	-20	Pass
			On	-52.8	-20	Pass
$\pi/4$ DQPSK	LCH	2402	Off	-51.29	-20	Pass
			On	-50.68	-20	Pass
	HCH	2480	Off	-53	-20	Pass
			On	-51.78	-20	Pass
8DPSK	LCH	2402	Off	-51.88	-20	Pass
			On	-50.67	-20	Pass
	HCH	2480	Off	-53.13	-20	Pass
			On	-52.51	-20	Pass

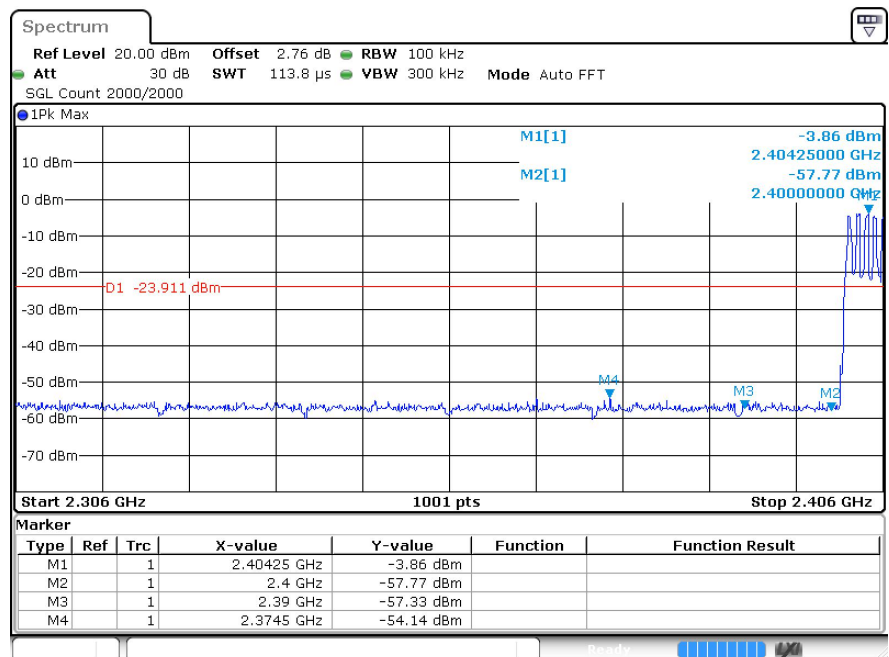
8.2 Test Graphs



Ref



GFSK/LCH/Hop



Ref

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
SGL Count 100/100

1Pk Max

M1[1] -2.55 dBm
2.48021580 GHz

CF 2.48 GHz 1001 pts Span 8.0 MHz

GFSK/HCH/No Hop

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] -2.55 dBm
2.48025000 GHz
M2[1] -57.98 dBm
2.48350000 GHz

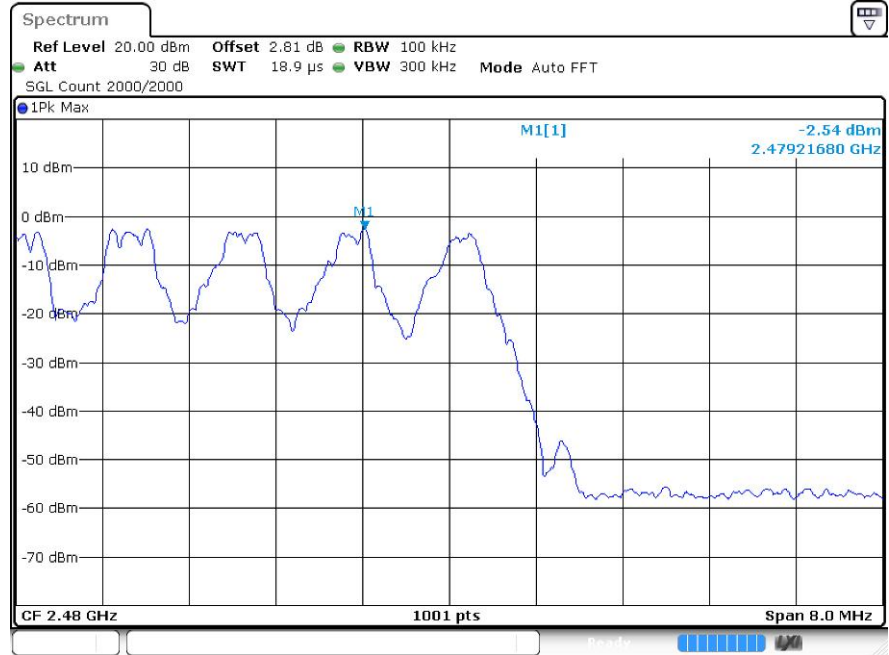
D1 -22.565 dBm

Start 2.476 GHz 1001 pts Stop 2.576 GHz

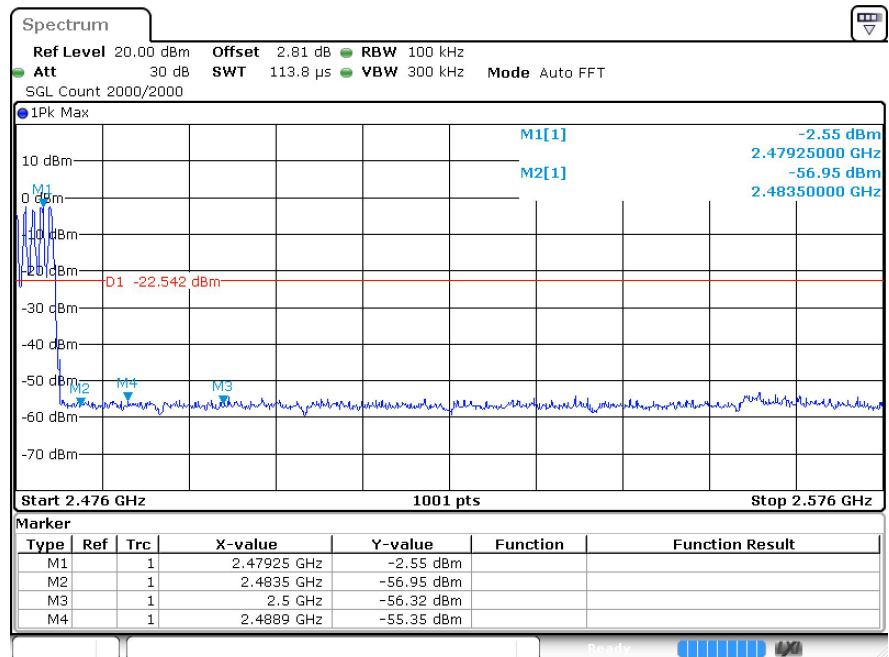
Marker

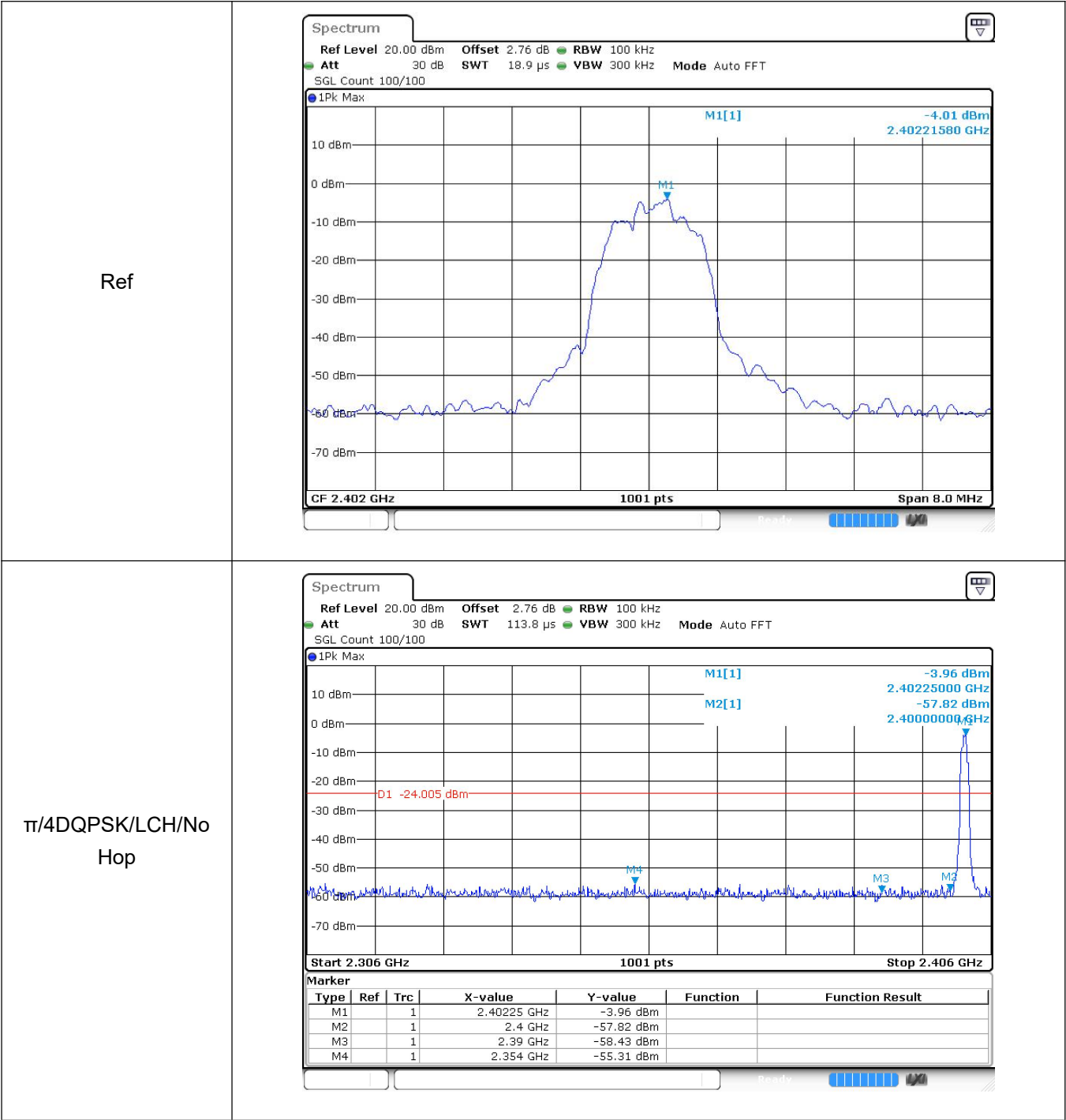
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48025 GHz	-2.55 dBm		
M2		1	2.4835 GHz	-57.98 dBm		
M3		1	2.5 GHz	-58.98 dBm		
M4		1	2.4896 GHz	-55.97 dBm		

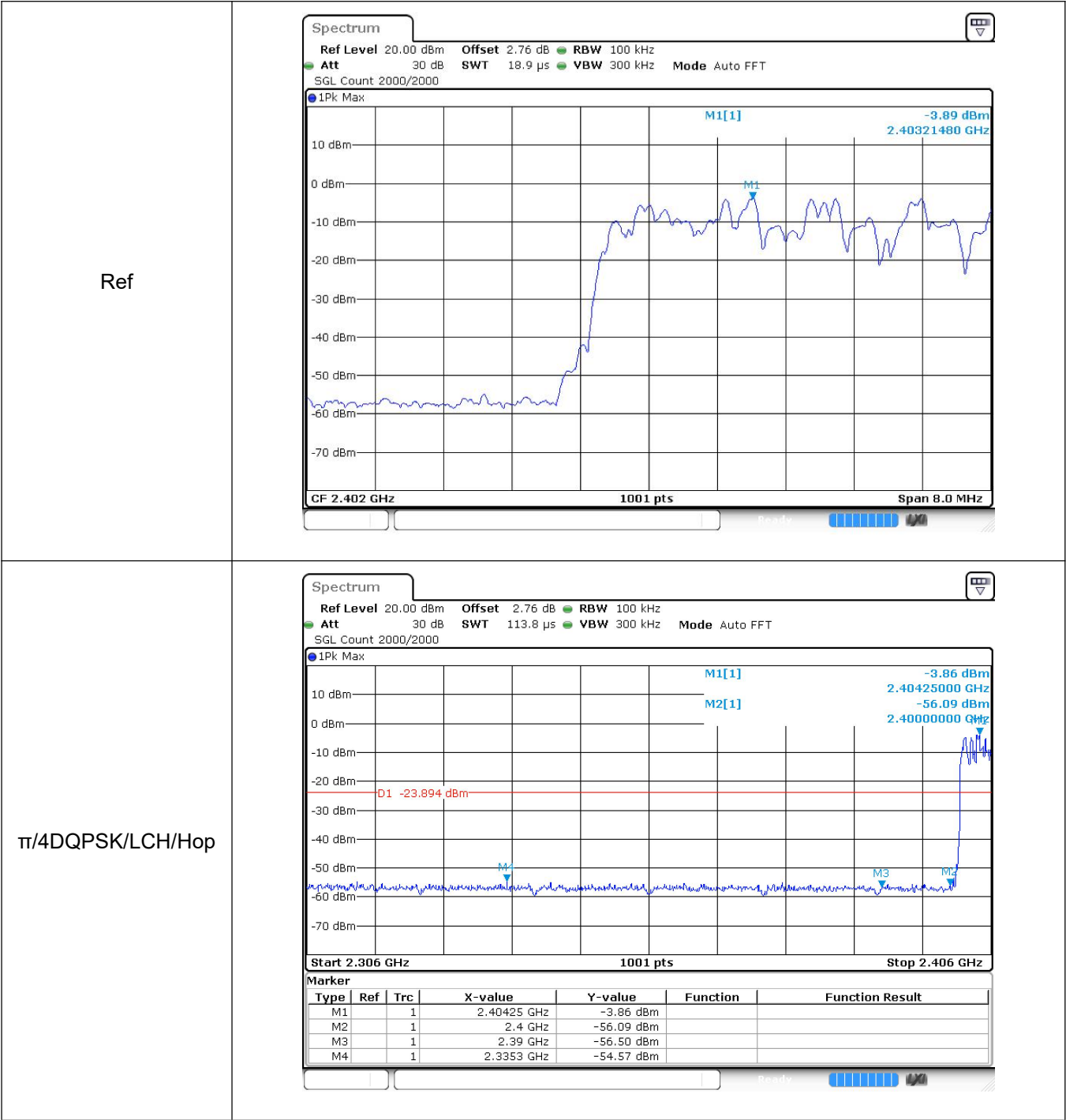
Ref.



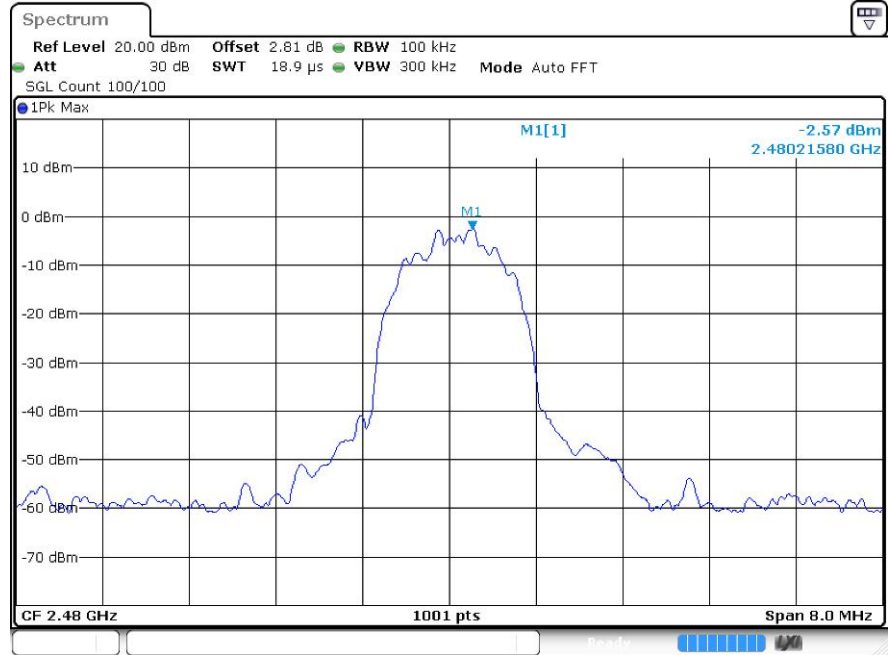
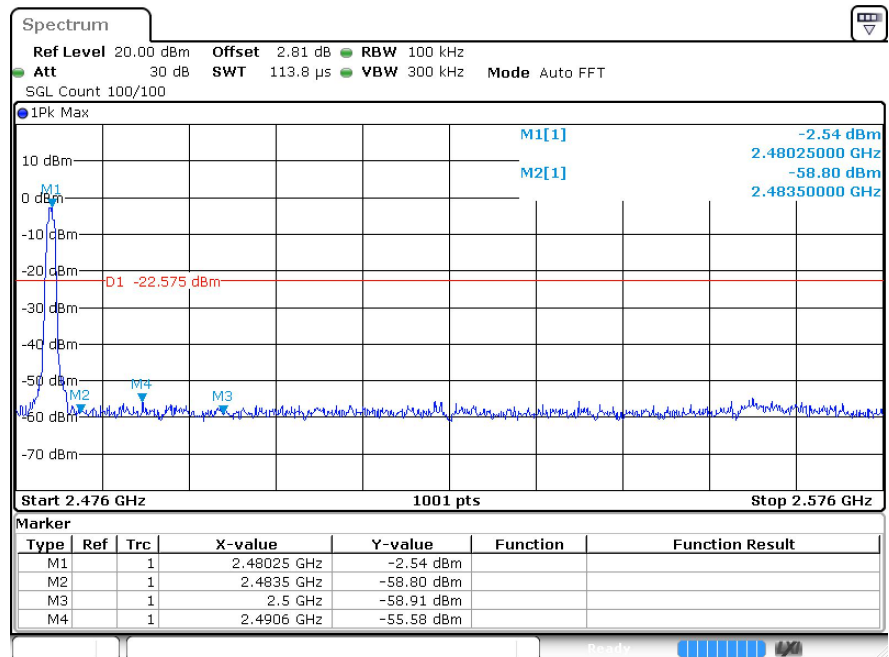
GFSK/HCH/Hop



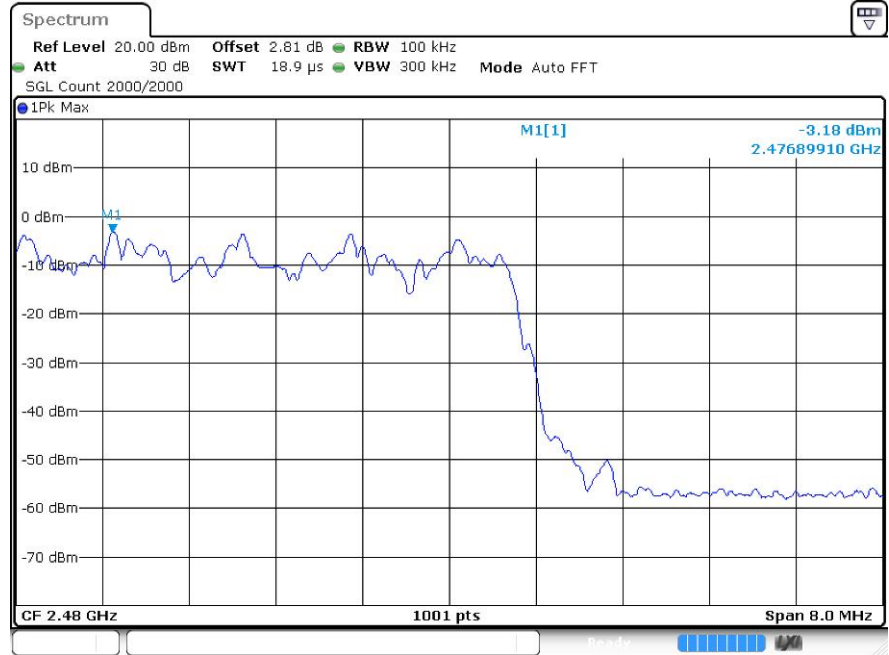




Ref


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


Ref


 $\pi/4$ DQPSK/HCH/Hop
