



Appendix A

RF Test Data for BT(BDR/EDR) (Conducted Measurement)

Product Name: Laptop

Trade Mark: Blackview

Test Model: GamiBook 8

Environmental Conditions

Temperature:	25.6° C
Relative Humidity:	52.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya lin
Supervised by:	Simba Haung



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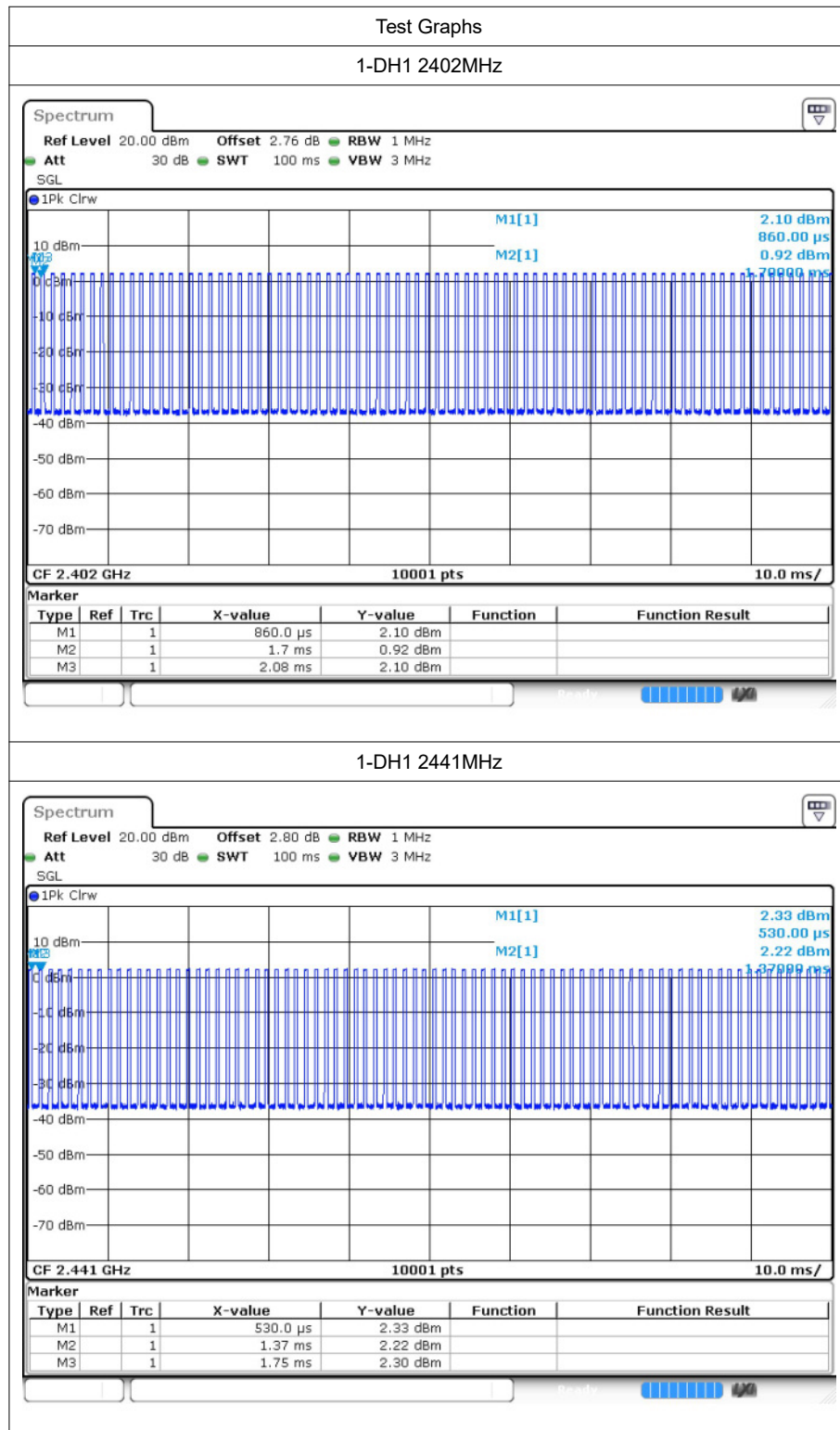
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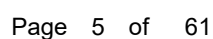
1 Duty Cycle

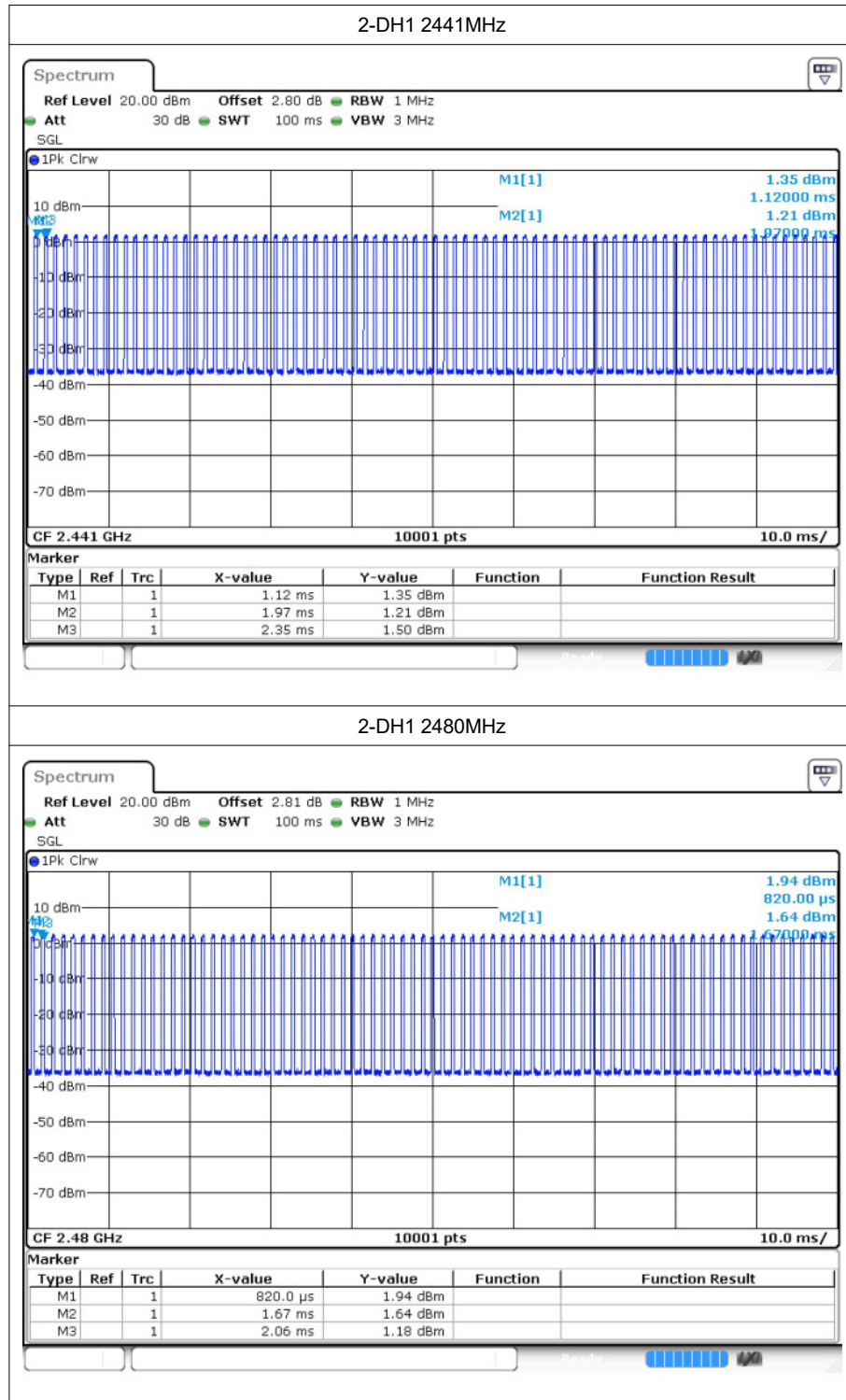
1.1 Test Result

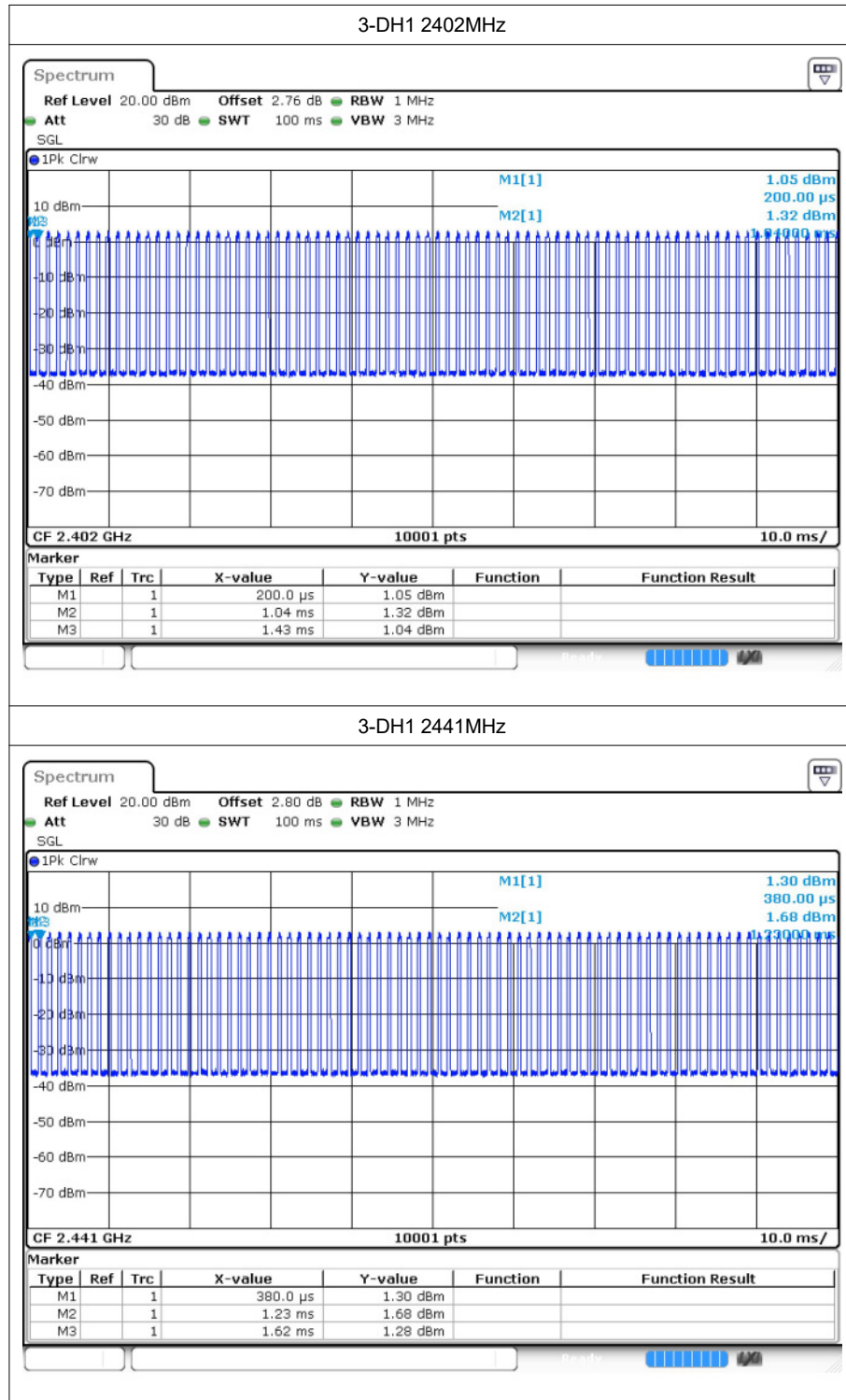
Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor	1/T (kHz)
1-DH1	2402	31.98	4.95	2.63
1-DH1	2441	32.07	4.94	2.63
1-DH1	2480	32.06	4.94	2.63
2-DH1	2402	32.3	4.91	2.56
2-DH1	2441	32.31	4.91	2.63
2-DH1	2480	32.31	4.91	2.56
3-DH1	2402	32.35	4.9	2.56
3-DH1	2441	32.36	4.9	2.56
3-DH1	2480	32.3	4.91	2.56

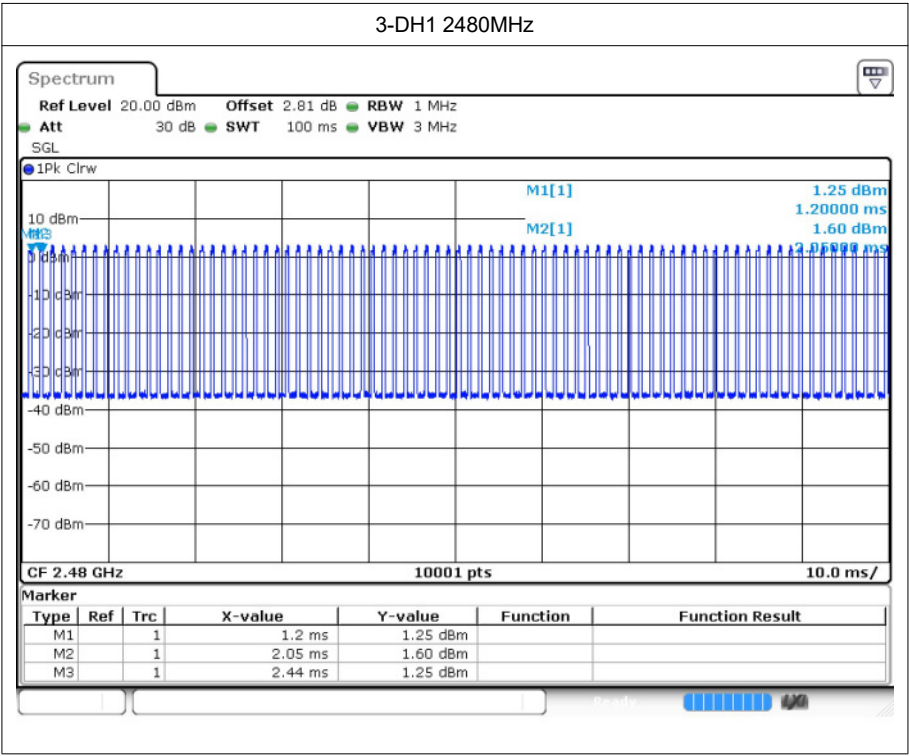
1.2 Test Graphs









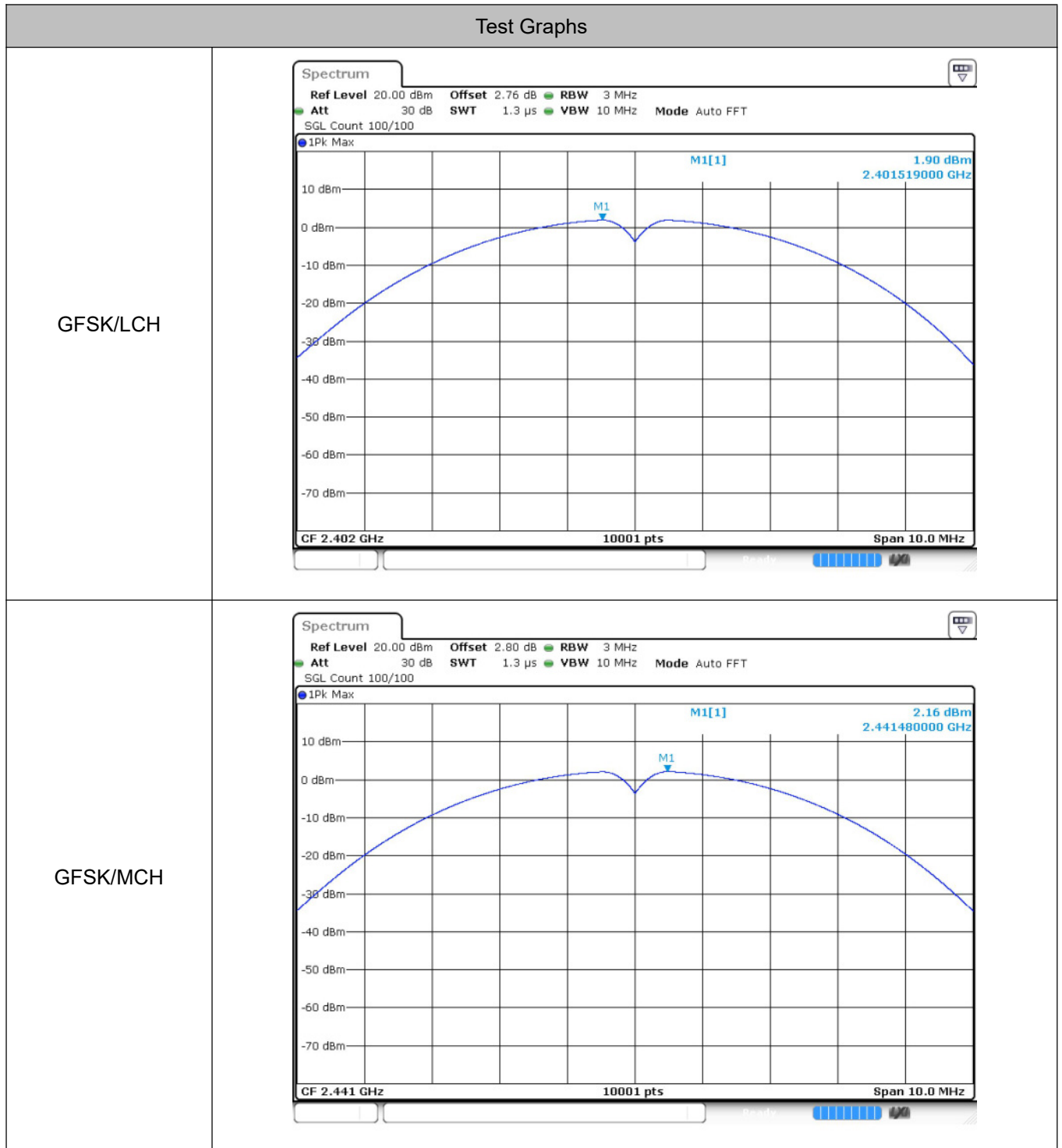


2 Maximum Conducted Peak Output Power

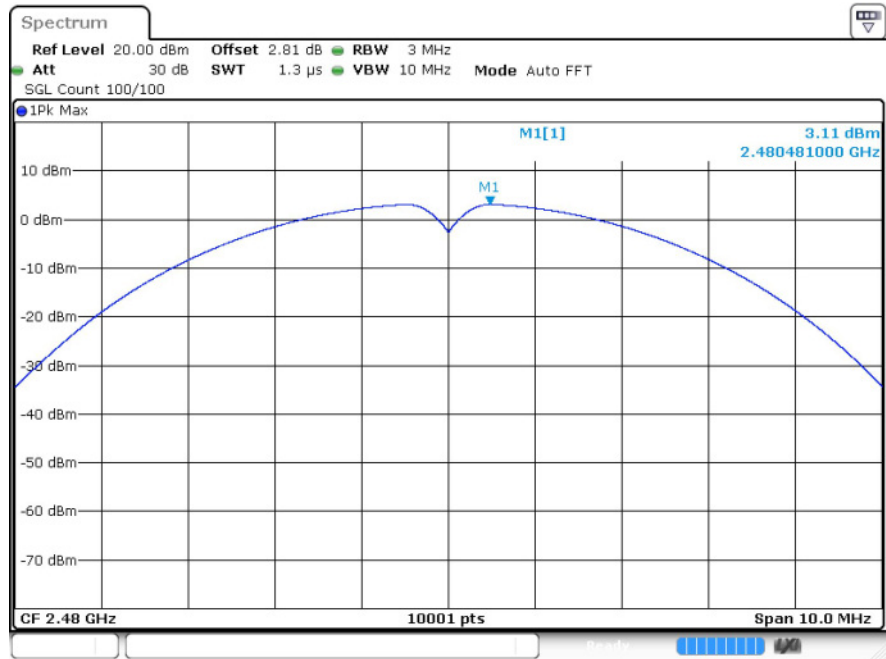
2.1 Test Result

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	1.9	21	Pass
	MCH	2.16	21	Pass
	HCH	3.11	21	Pass
$\pi/4$ DQPSK	LCH	1.92	21	Pass
	MCH	2.54	21	Pass
	HCH	2.98	21	Pass
8DPSK	LCH	2.15	21	Pass
	MCH	3.28	21	Pass
	HCH	2.53	21	Pass

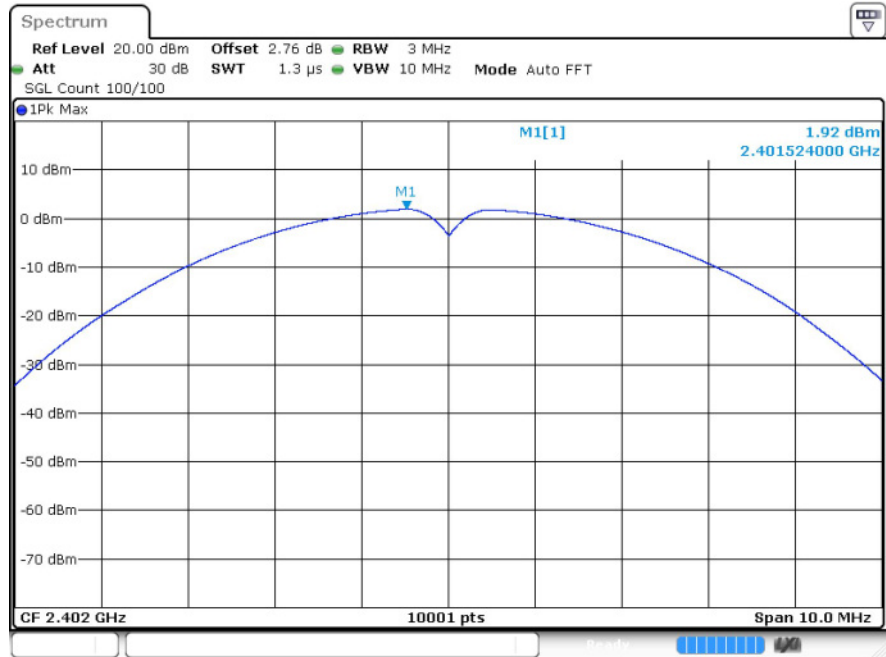
2.2 Test Graphs



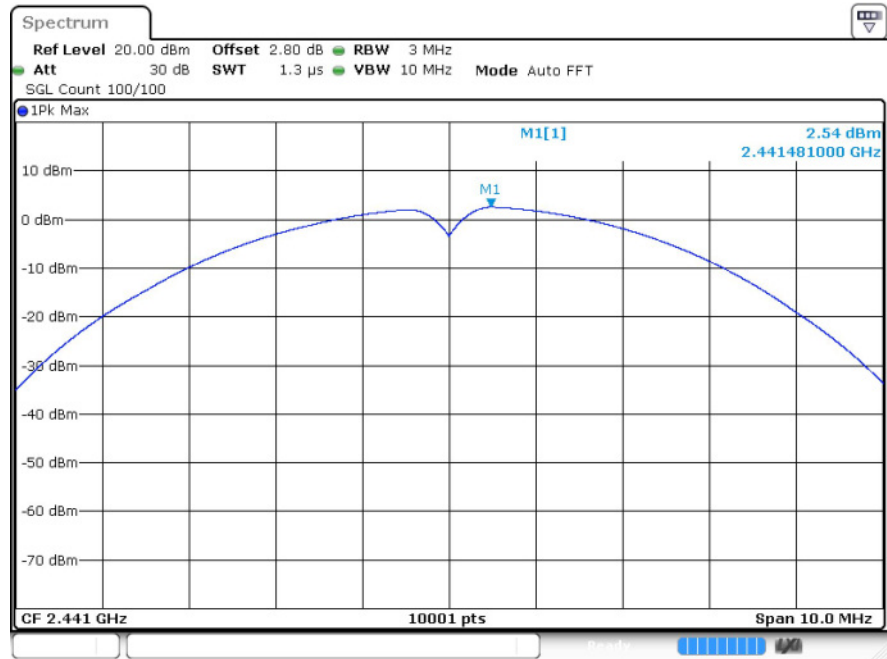
GFSK/HCH



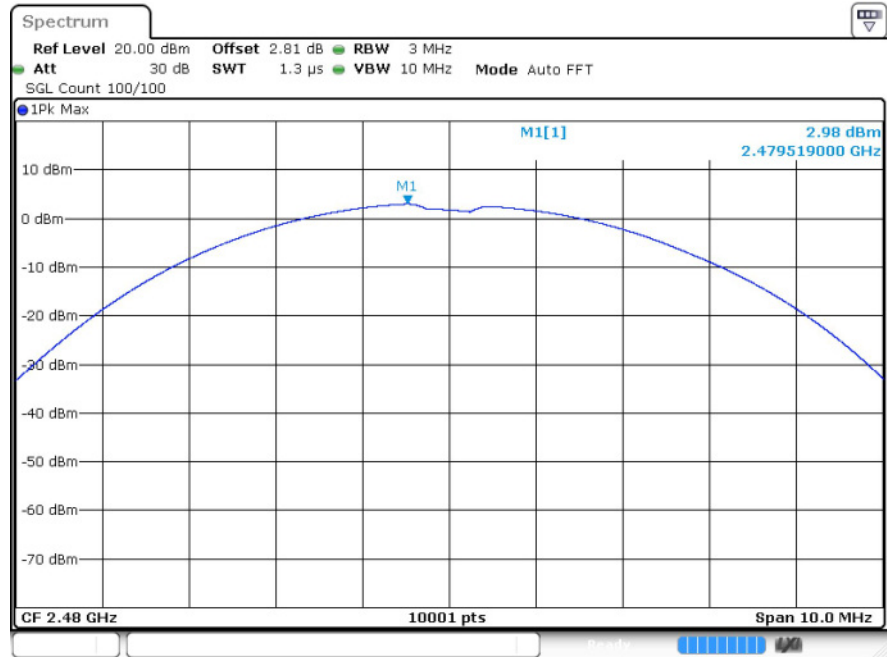
$\pi/4$ DQPSK/LCH



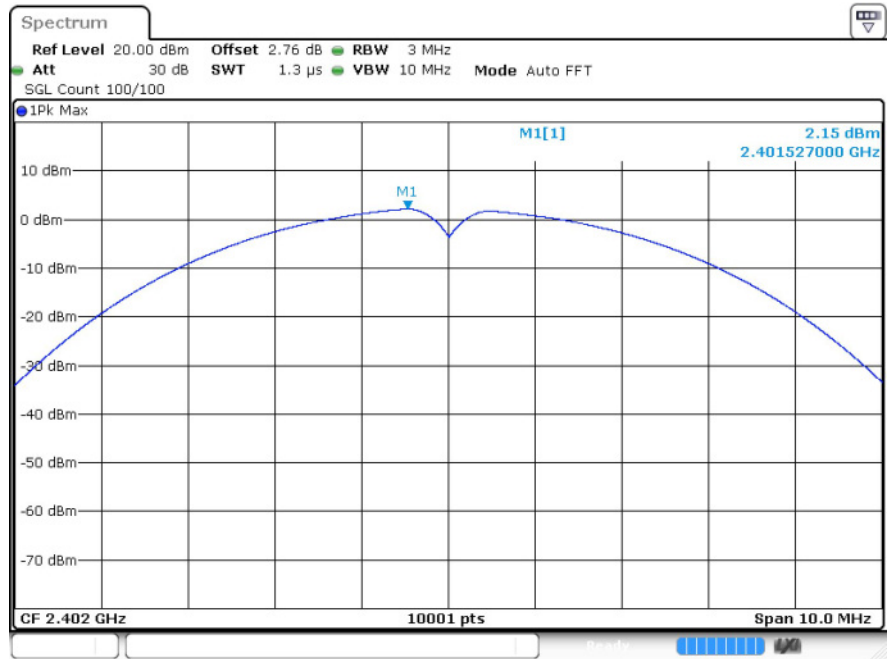
$\pi/4$ DQPSK/MCH



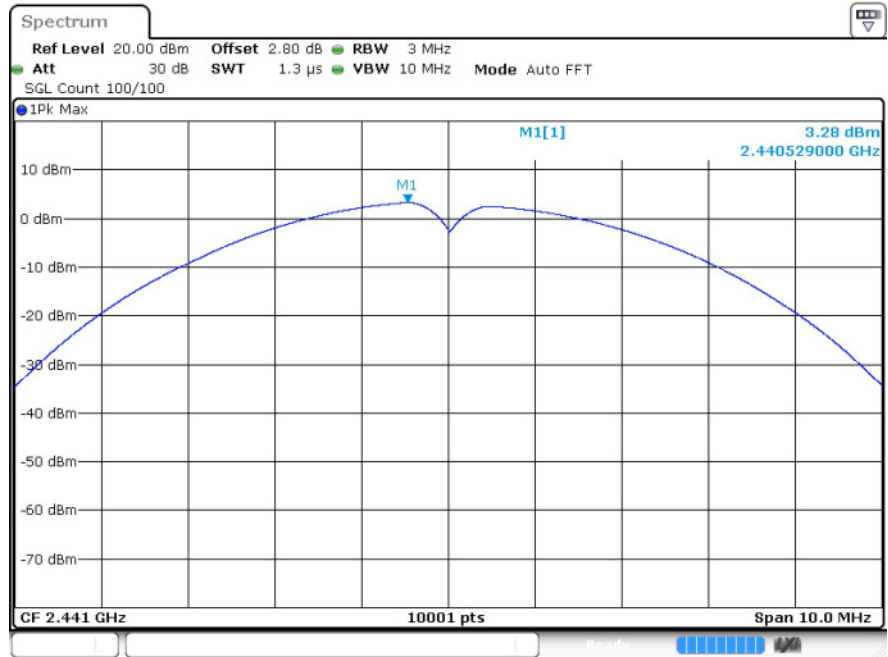
$\pi/4$ DQPSK/HCH



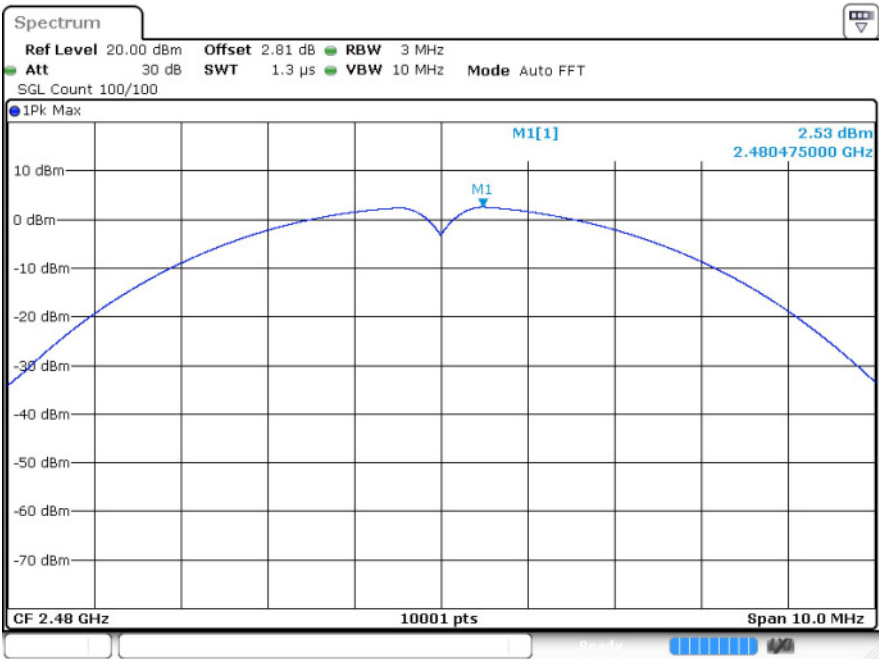
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH

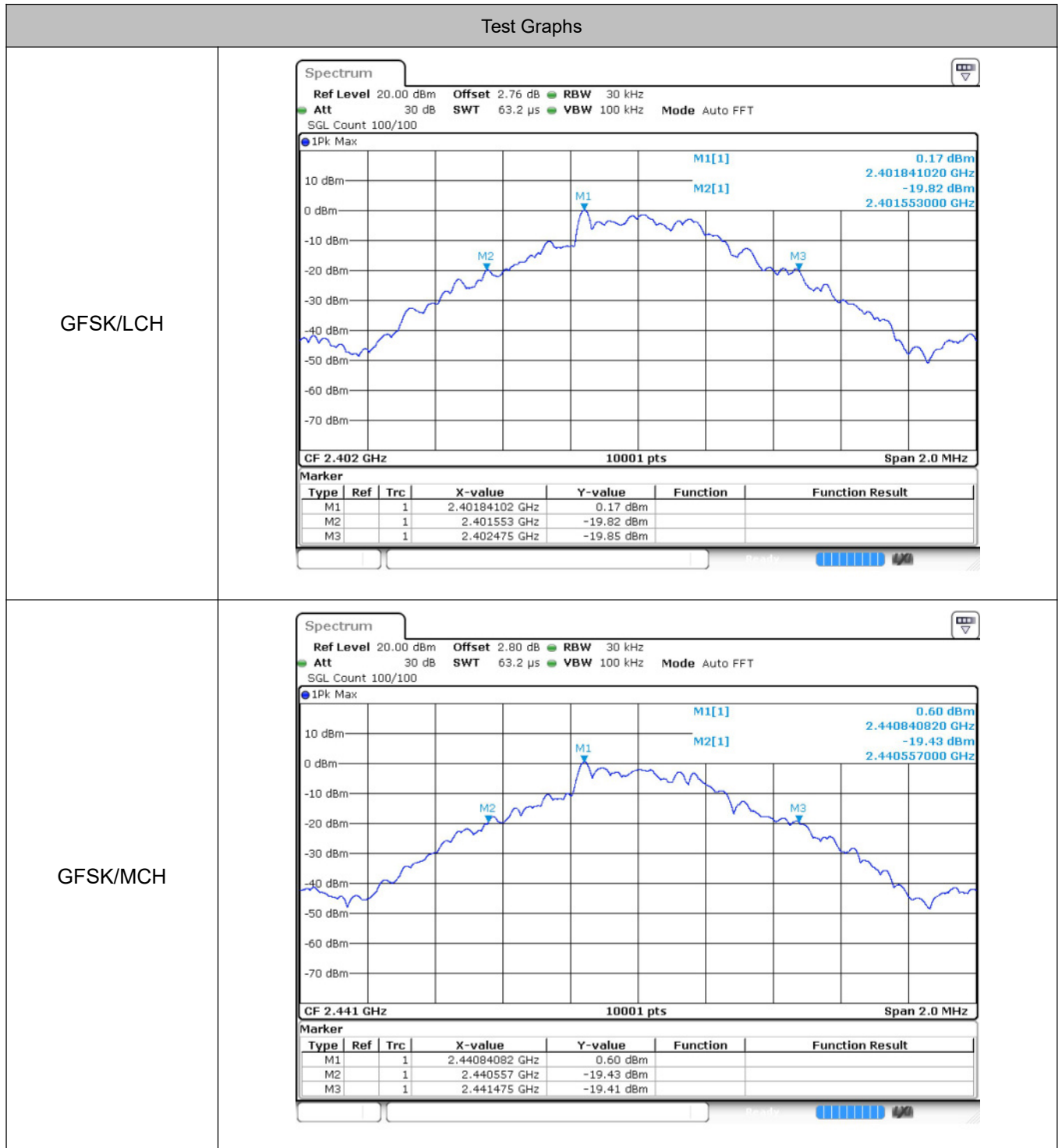


3 20dB Bandwidth

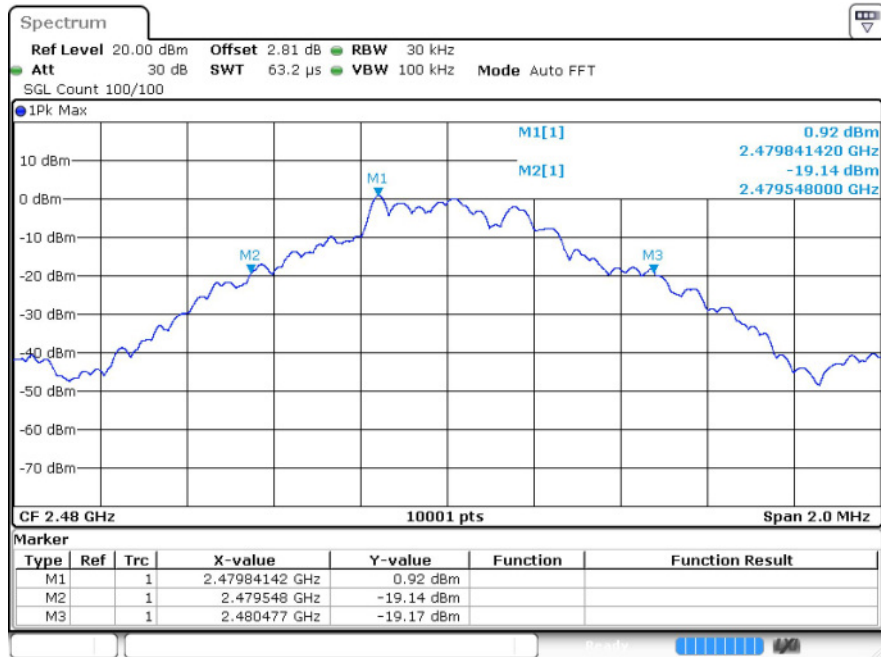
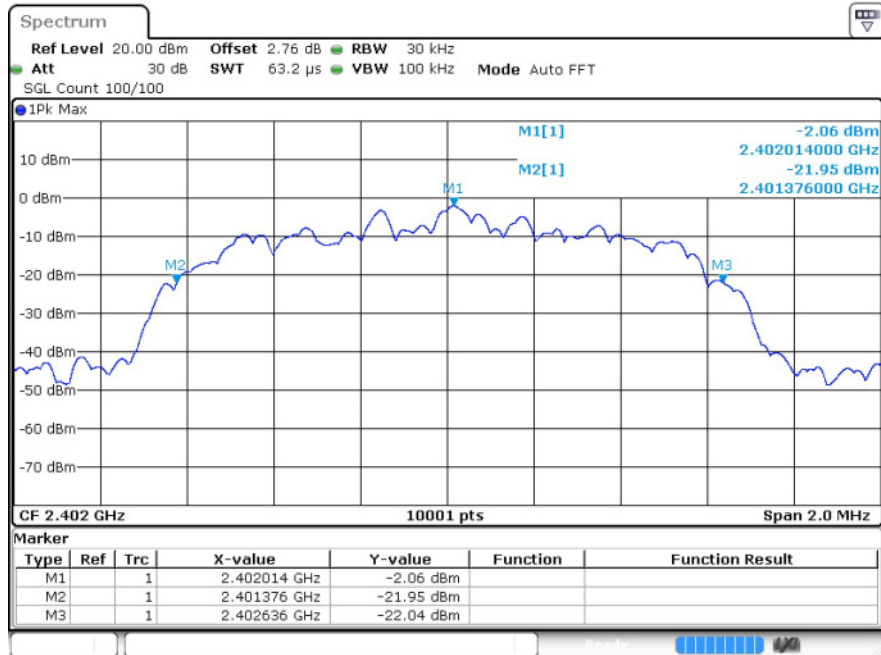
3.1 Test Result

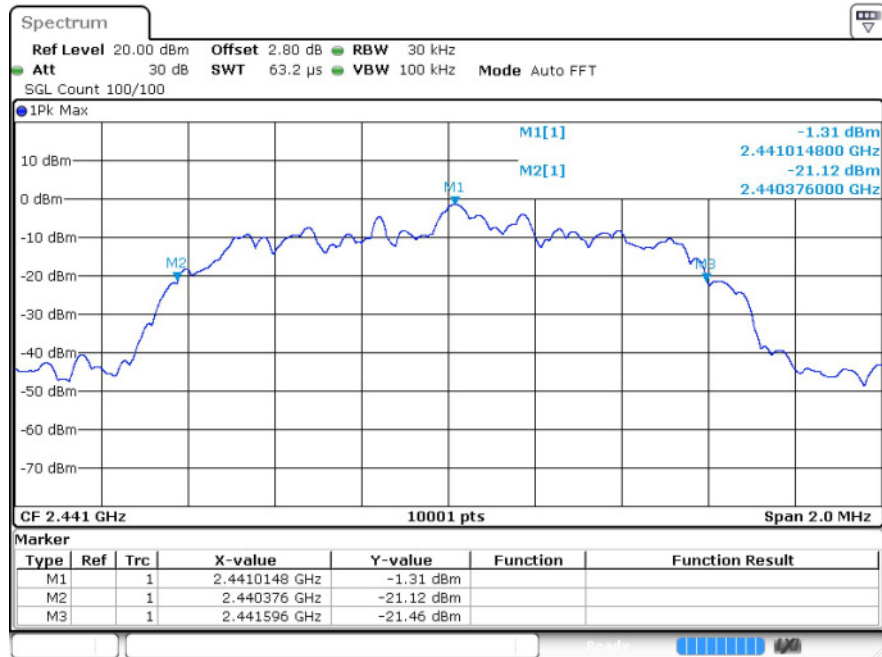
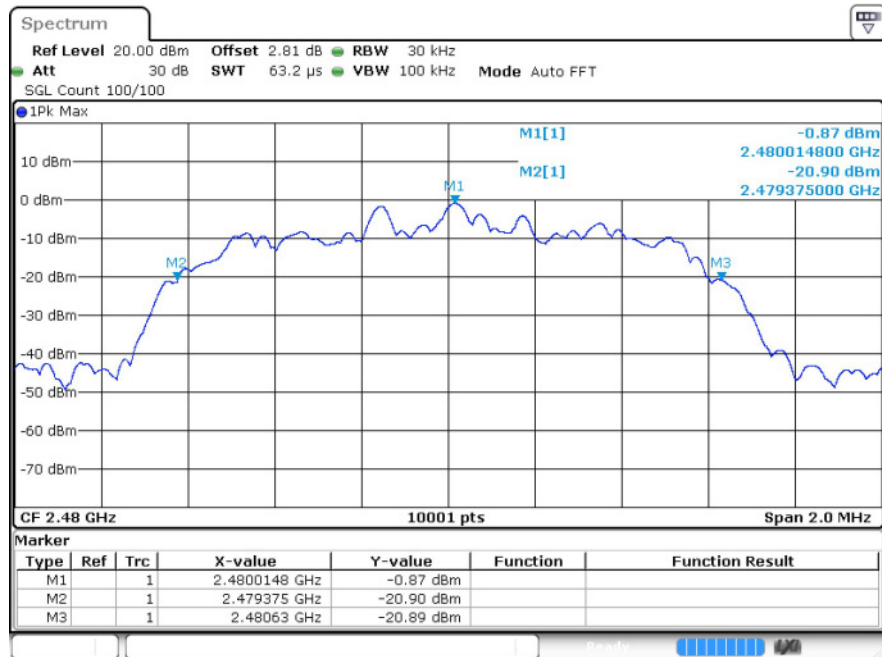
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.922	Not Specified	Pass
	MCH	0.918	Not Specified	Pass
	HCH	0.928	Not Specified	Pass
$\pi/4$ DQPSK	LCH	1.261	Not Specified	Pass
	MCH	1.22	Not Specified	Pass
	HCH	1.255	Not Specified	Pass
8DPSK	LCH	1.211	Not Specified	Pass
	MCH	1.208	Not Specified	Pass
	HCH	1.217	Not Specified	Pass

3.2 Test Graphs

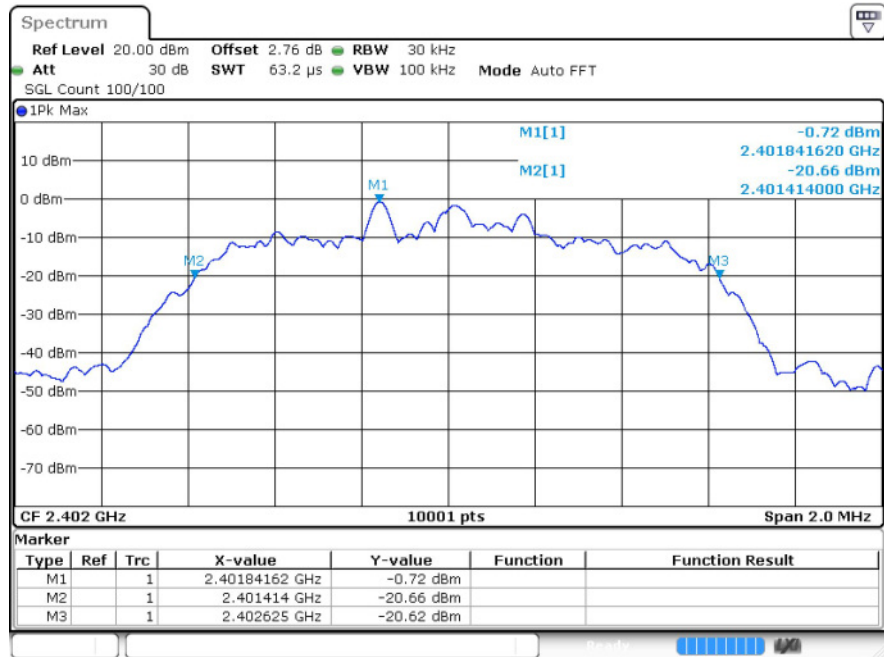


GFSK/HCH

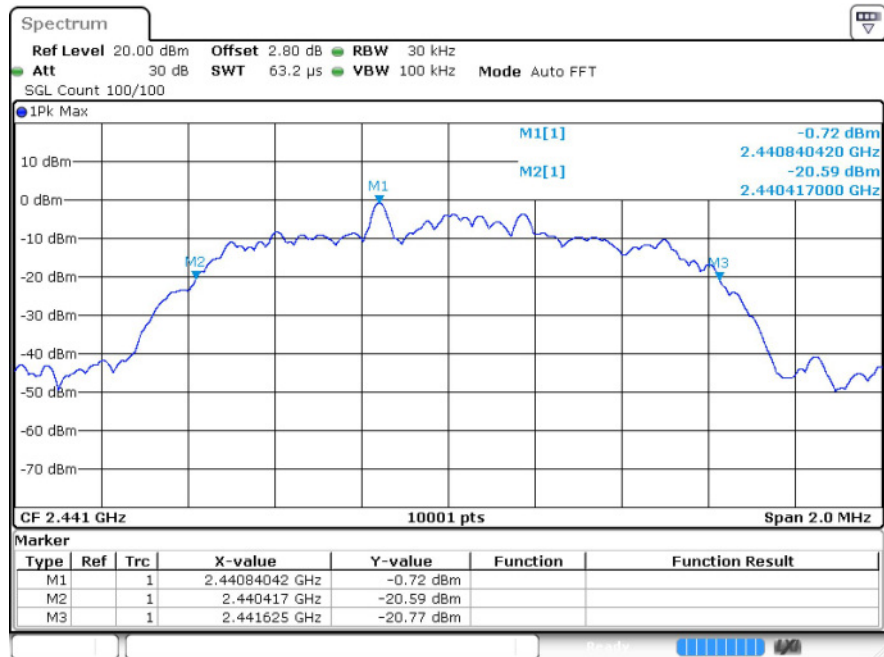

 $\pi/4$ DQPSK/LCH


$\pi/4$ DQPSK/MCH

 $\pi/4$ DQPSK/HCH


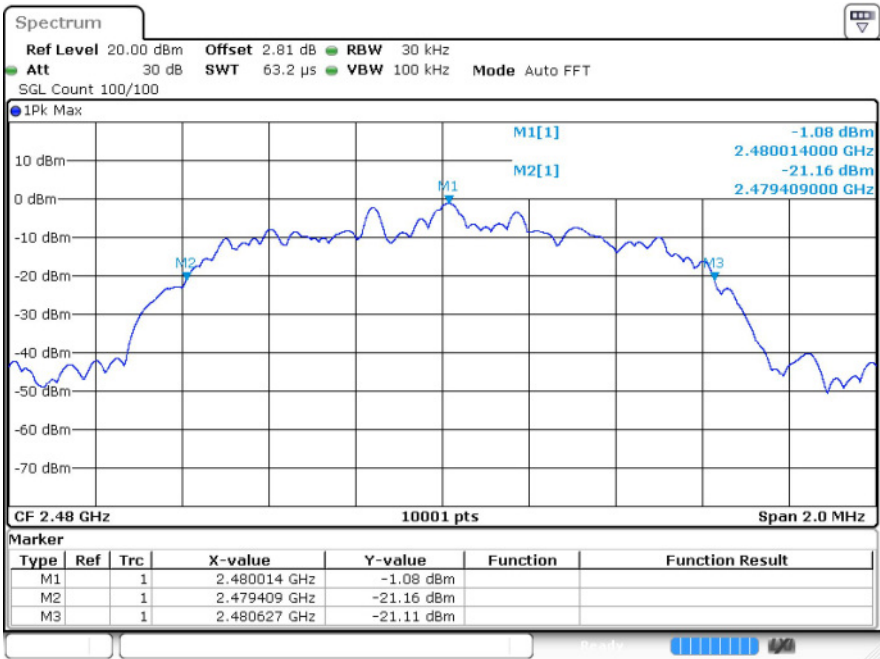
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH

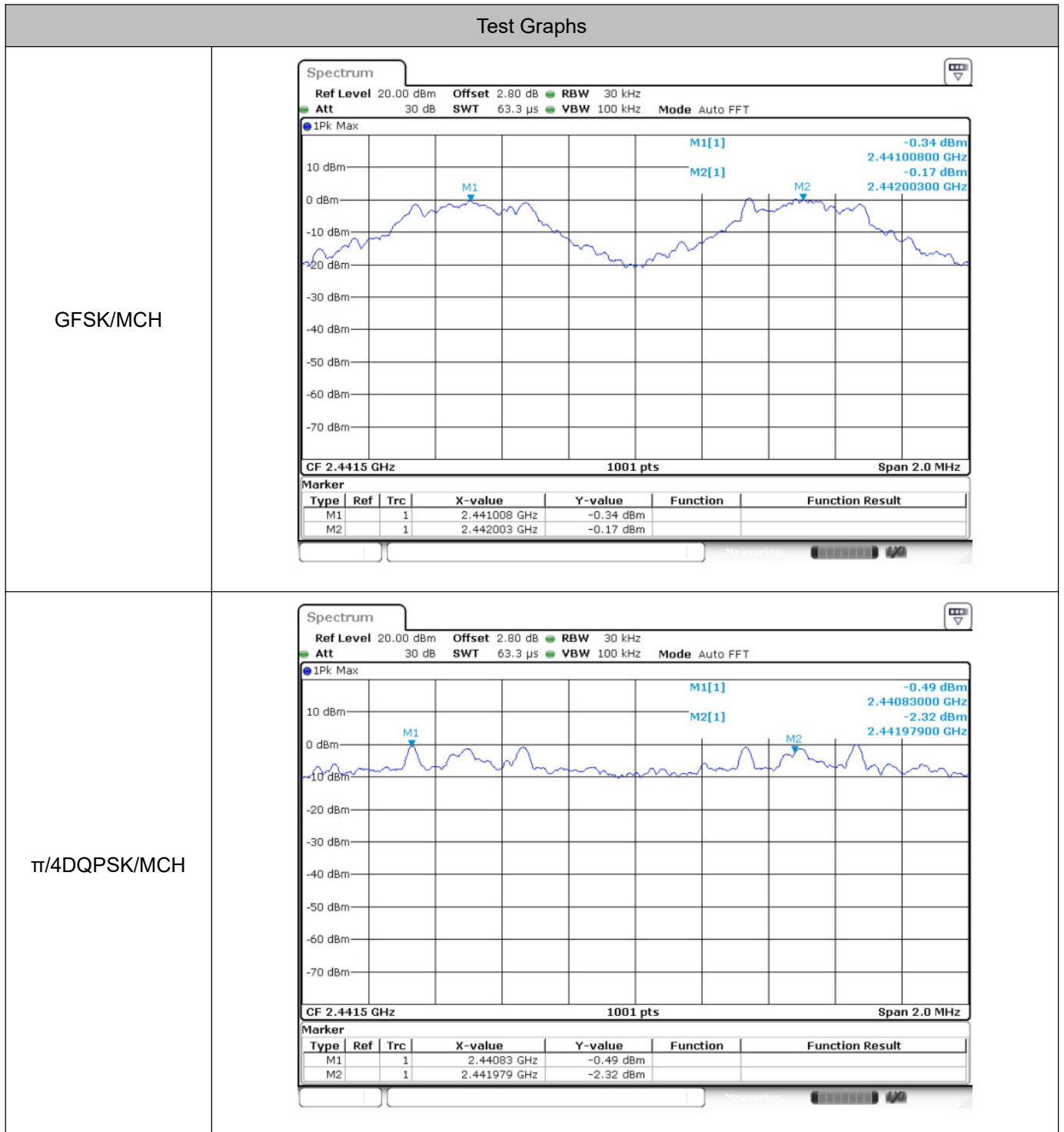


4 Carrier Frequency Separation

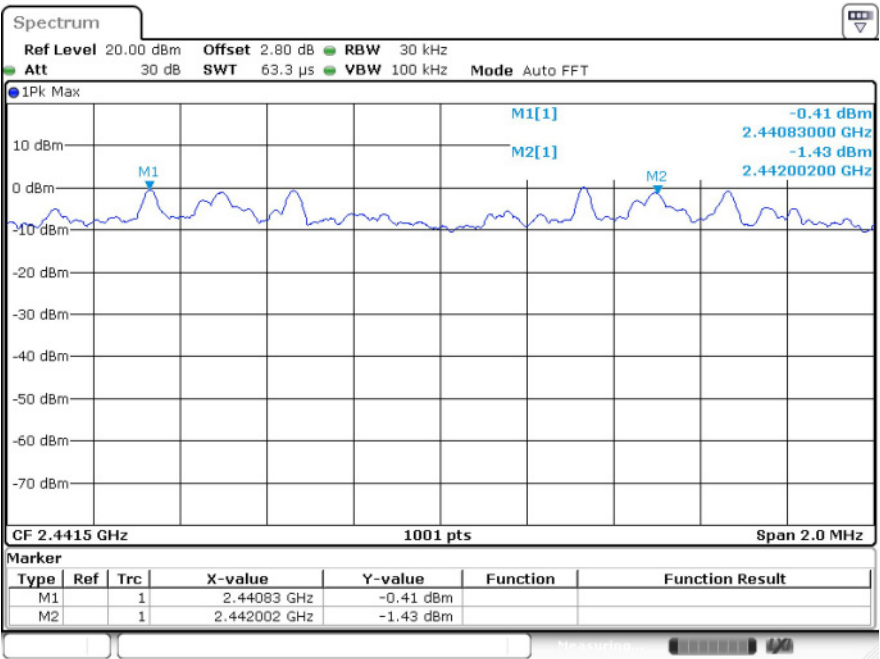
4.1 Test Result

Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
GFSK	MCH	0.995	0.612	Pass
$\pi/4$ DQPSK	MCH	1.149	0.813	Pass
8DPSK	MCH	1.172	0.805	Pass

4.2 Test Graphs



8DPSK/MCH

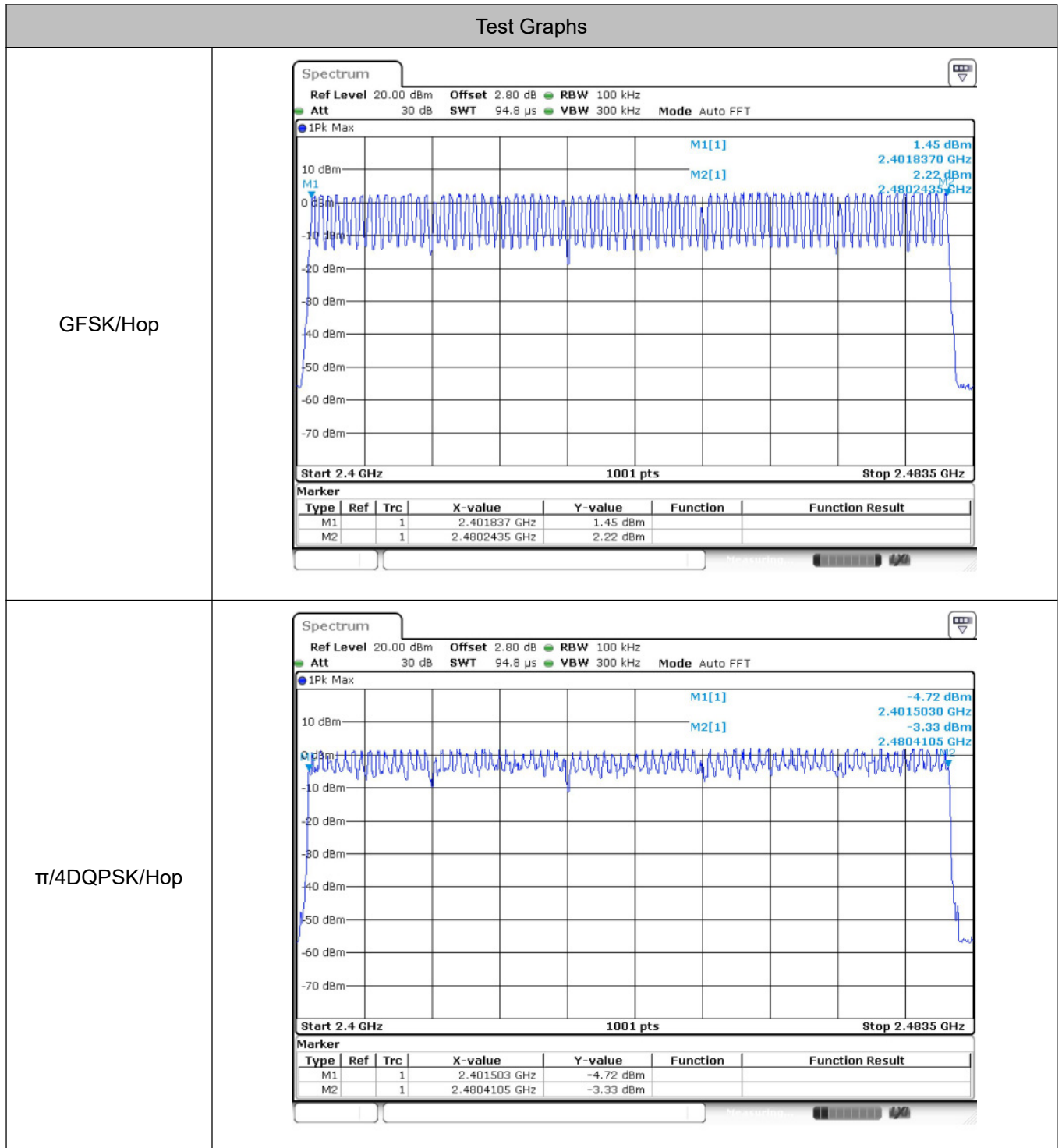


5 Hopping Channel Number

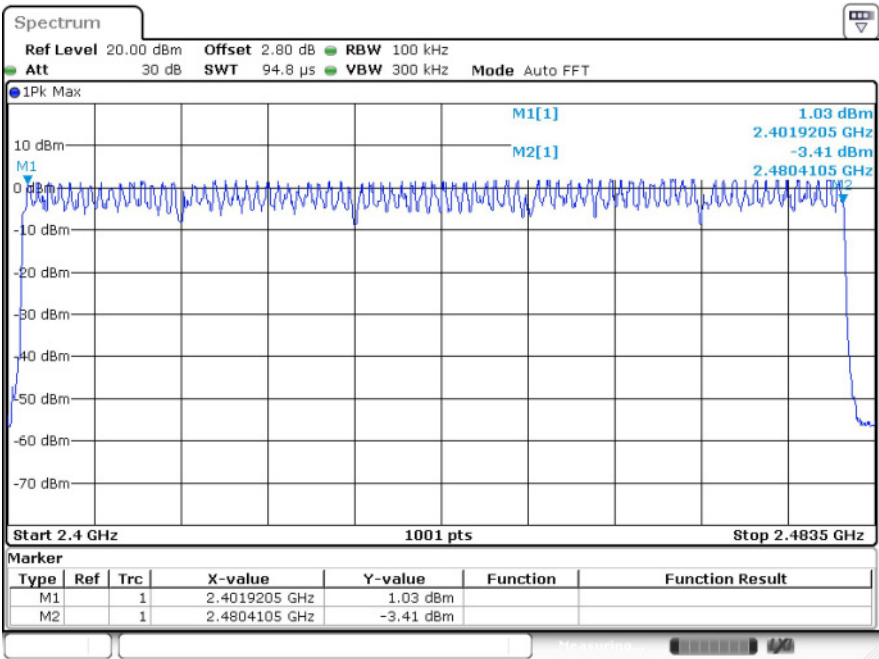
5.1 Test Result

Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Hop	79	≥ 15	PASS
$\pi/4$ DQPSK	Hop	79	≥ 15	PASS
8DPSK	Hop	79	≥ 15	PASS

5.2 Test Graphs



8DPSK/Hop

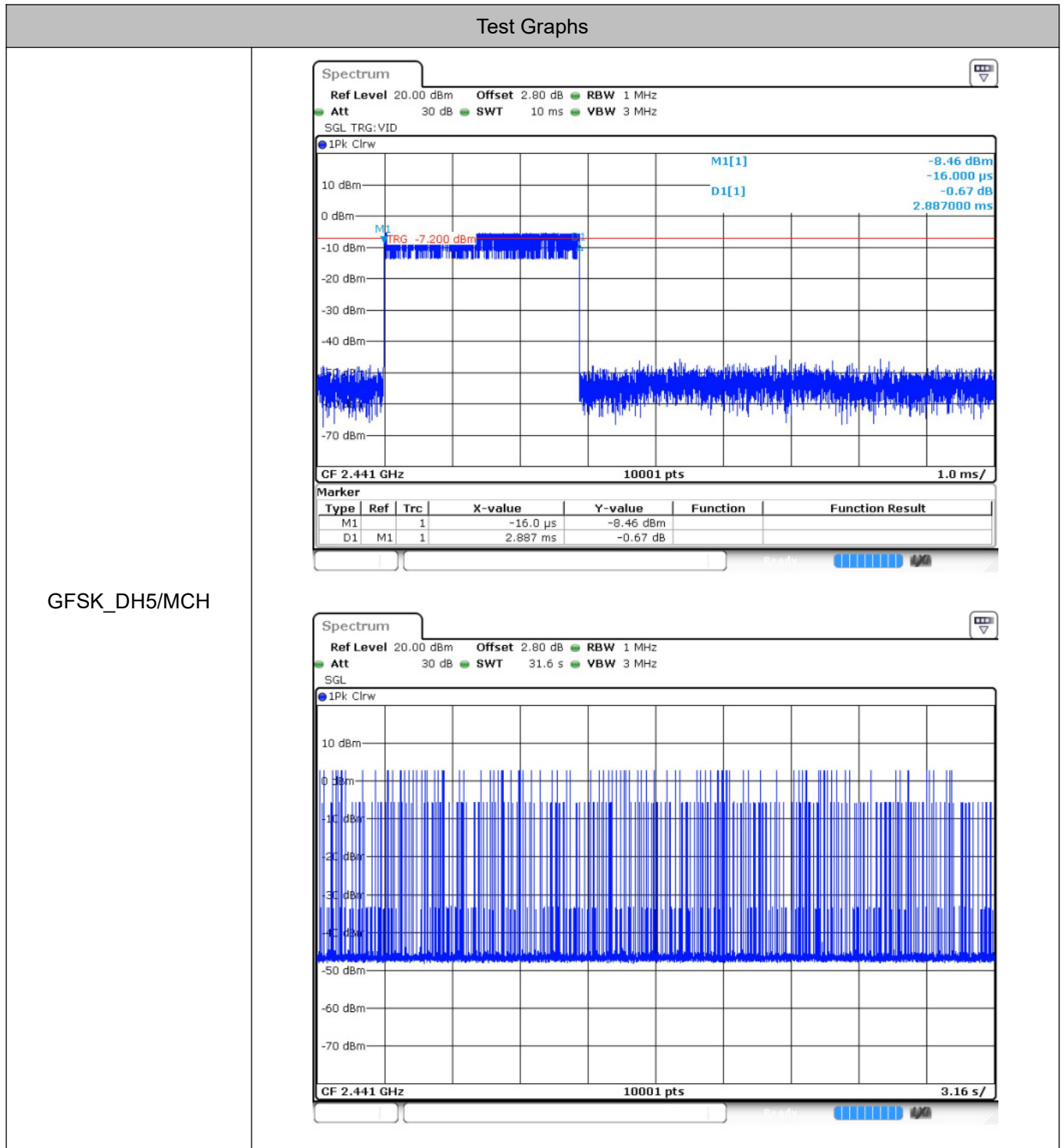


6 Dwell Time

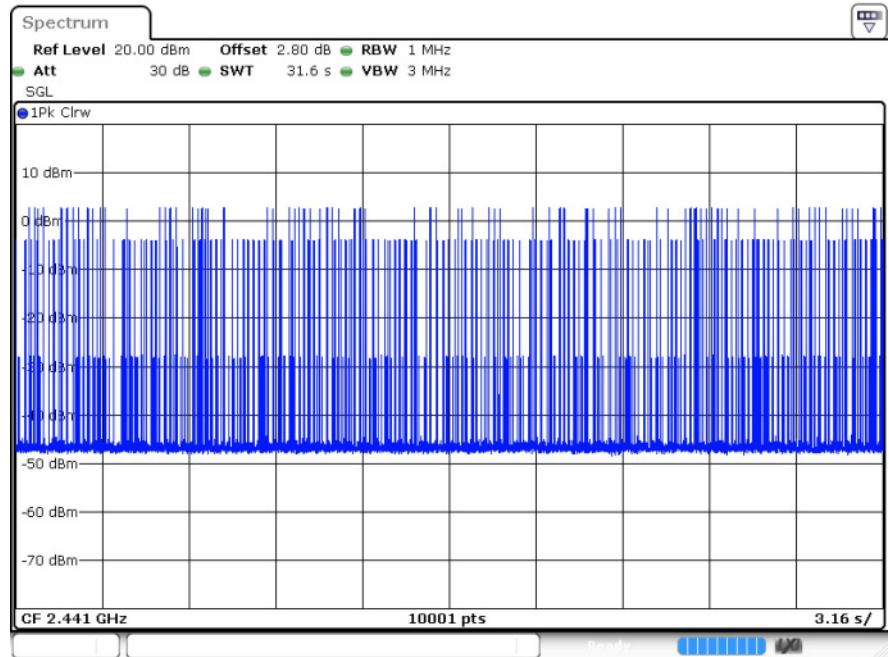
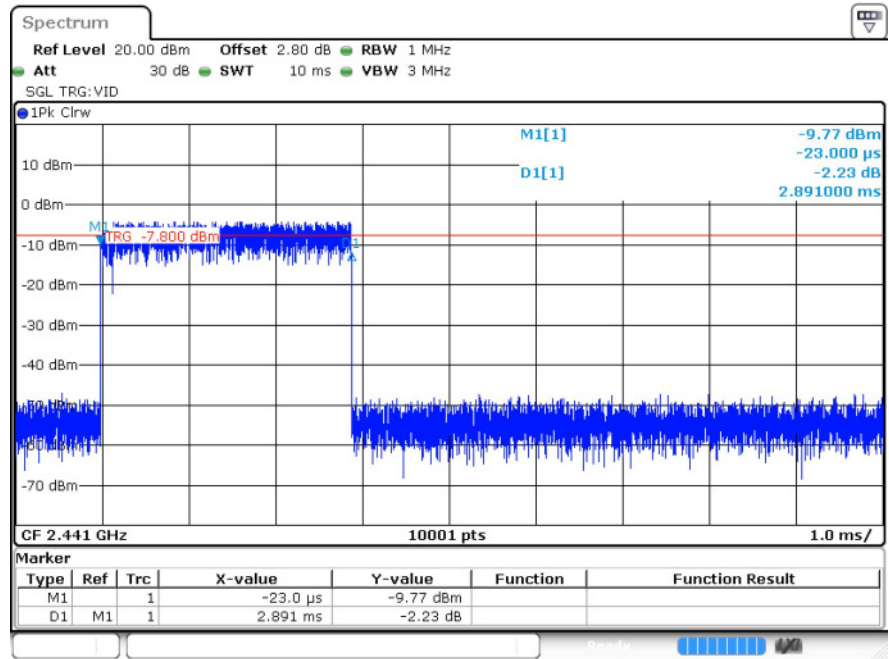
6.1 Test Result

Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[ms]	Limit [s]	Verdict
GFSK	DH5	MCH	2.887	103	297.361	0.4	Pass
$\pi/4$ DQPSK	2DH5	MCH	2.891	96	277.536	0.4	Pass
8DPSK	3DH5	MCH	2.893	96	277.728	0.4	Pass

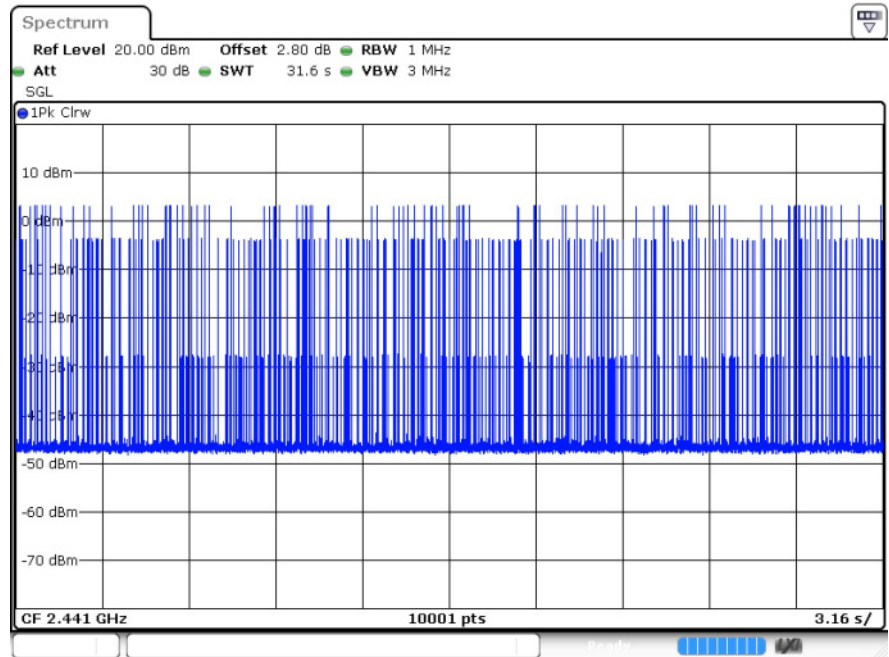
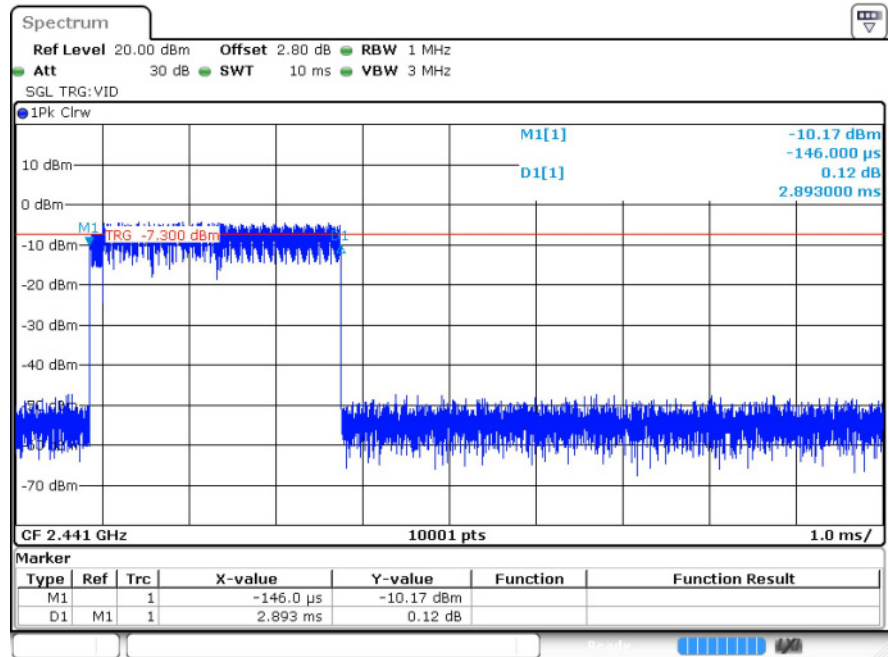
6.2 Test Graphs



$\pi/4$ DQPSK
_2DH5/MCH



8DPSK_3DH5/MCH



7 RF Conducted Spurious Emissions

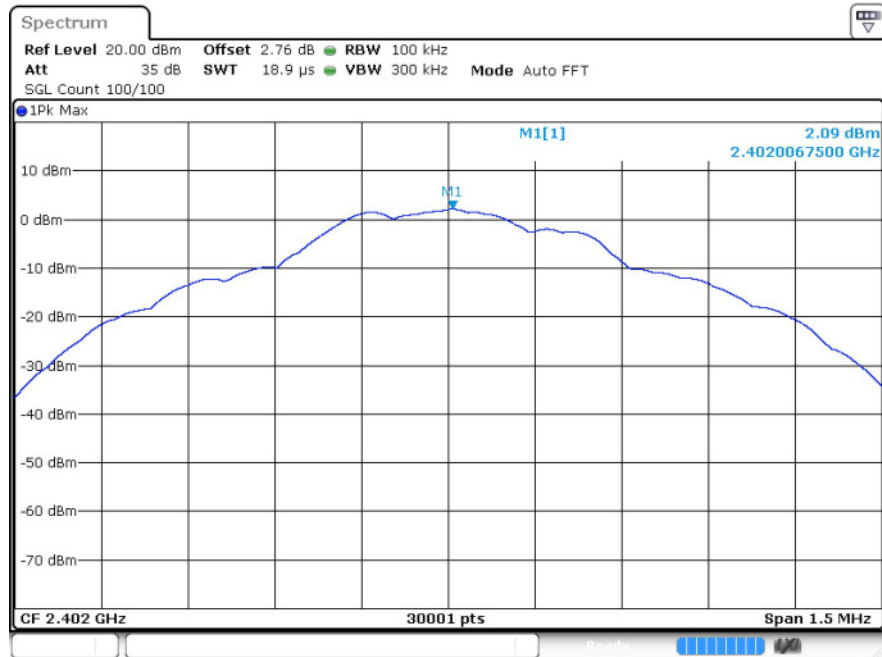
7.1 Test Result

Mode	Channel	Max. Level [dBc]	Limit [dBc]	Verdict
GFSK	LCH	-44.03	-20	Pass
	MCH	-43.93	-20	Pass
	HCH	-44.17	-20	Pass
π /4DQPSK	LCH	-41.73	-20	Pass
	MCH	-42.69	-20	Pass
	HCH	-43.77	-20	Pass
8DPSK	LCH	-42.77	-20	Pass
	MCH	-42.98	-20	Pass
	HCH	-43.06	-20	Pass

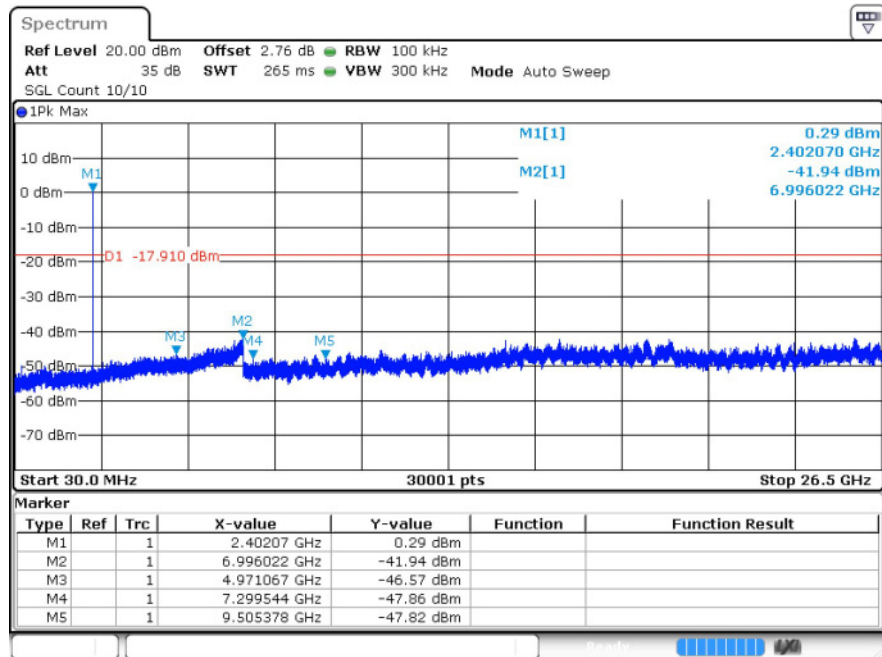
7.2 Test Graphs

GFSK_LCH_Graphs

Pref

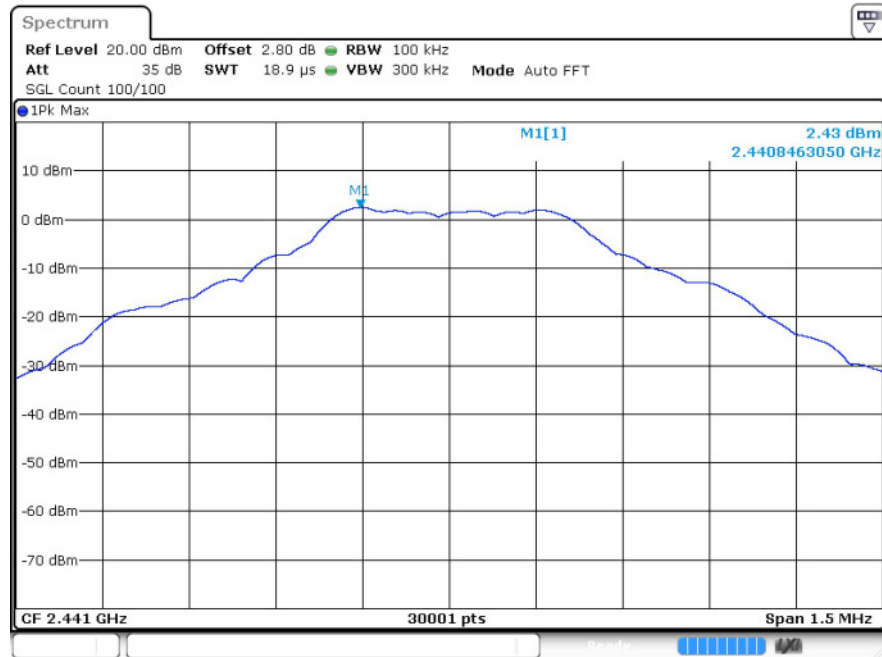


Puw

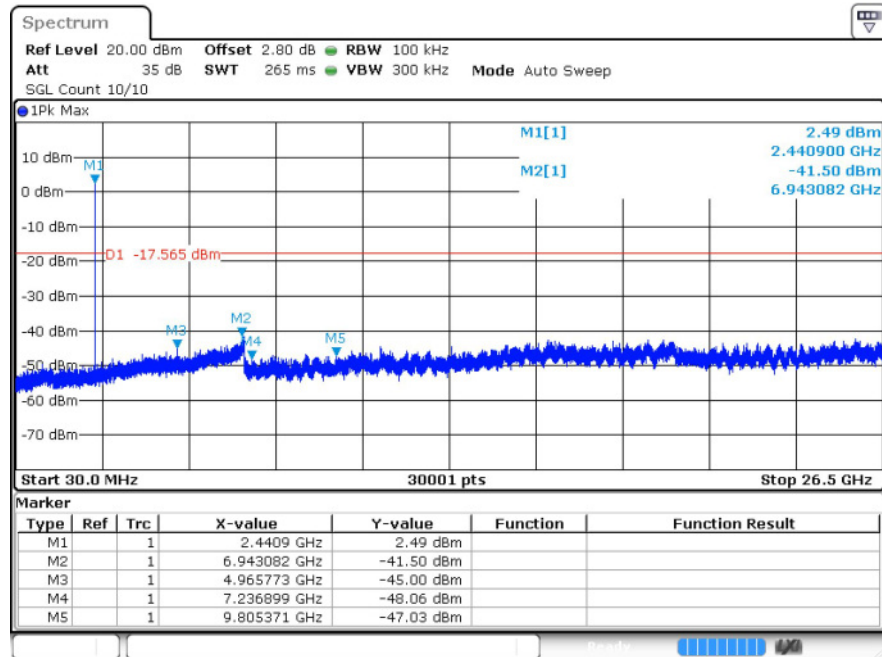


GFSK_MCH_Graphs

Pref

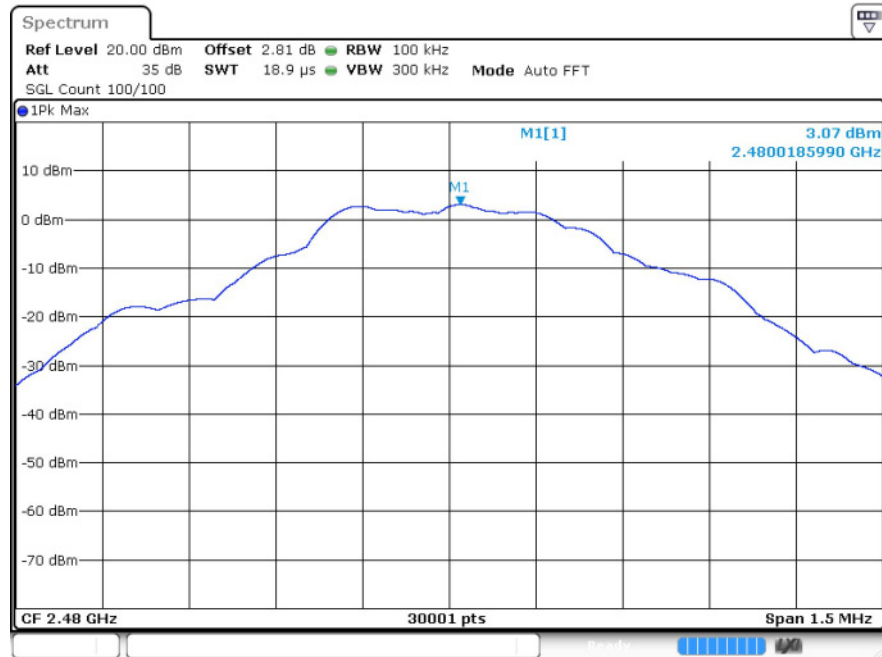


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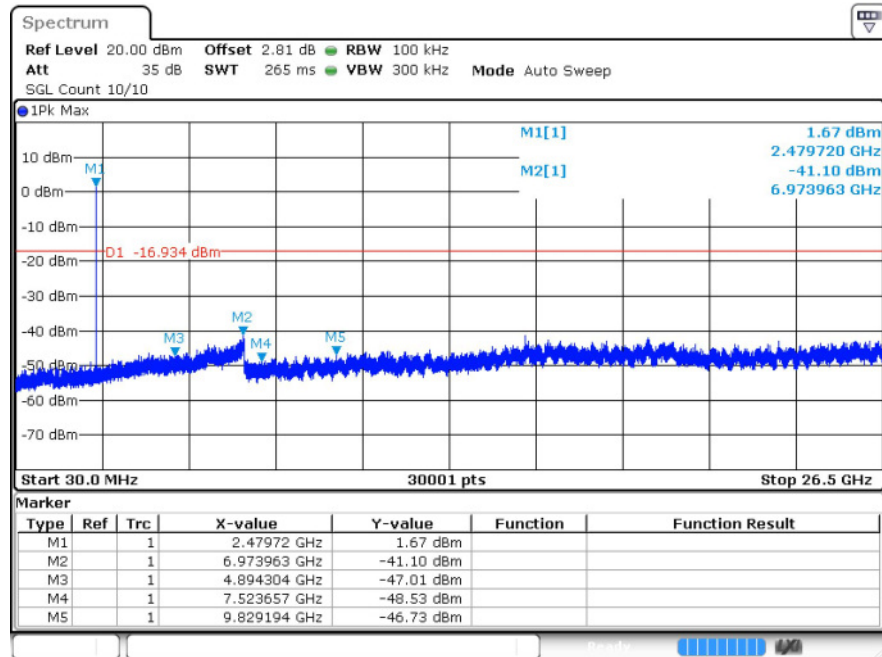


GFSK_HCH_Graphs

Pref

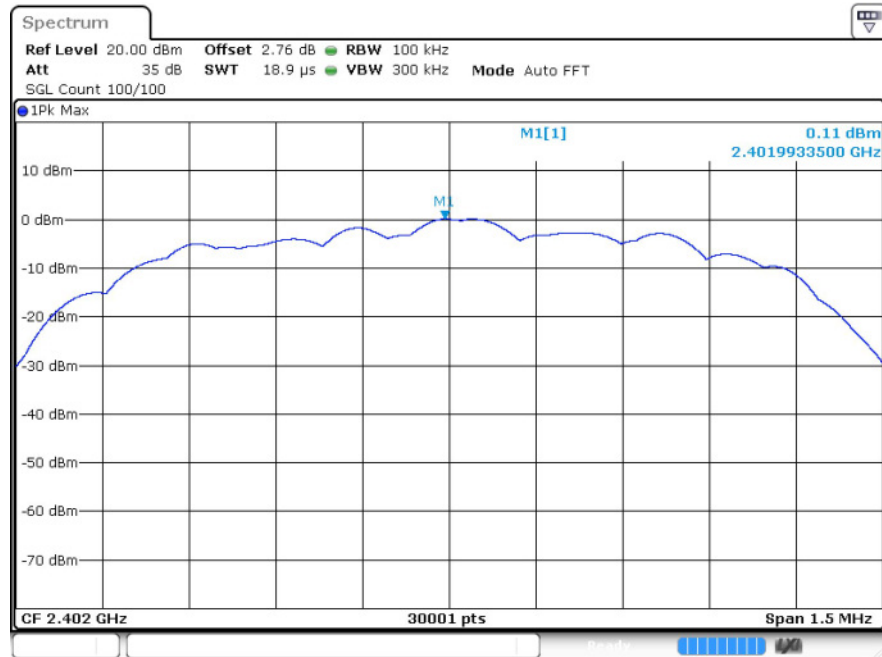


Puw

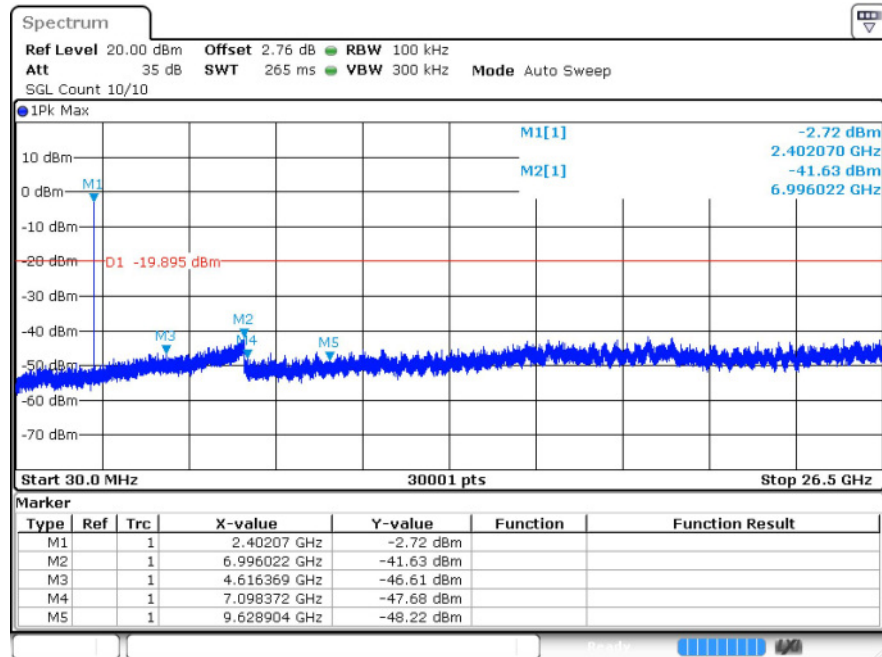


$\pi/4$ DQPSK_LCH_Graphs

Pref

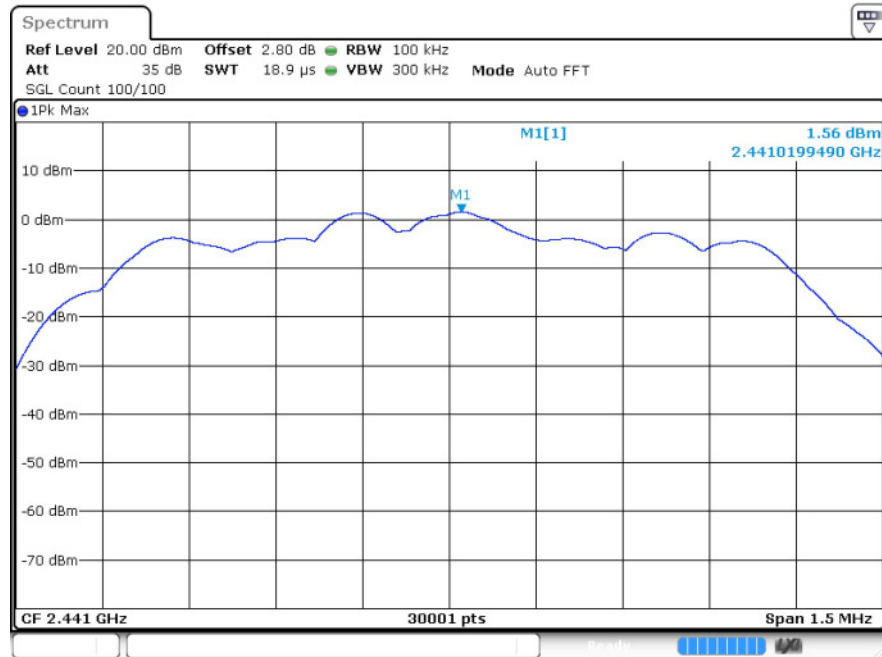


Puw

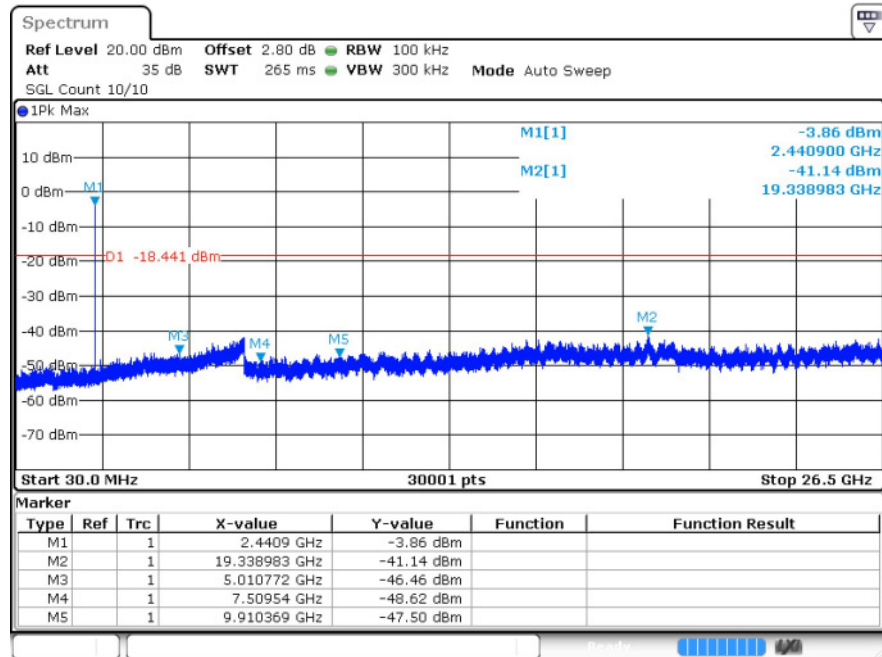


π /4DQPSK_MCH_Graphs

Pref

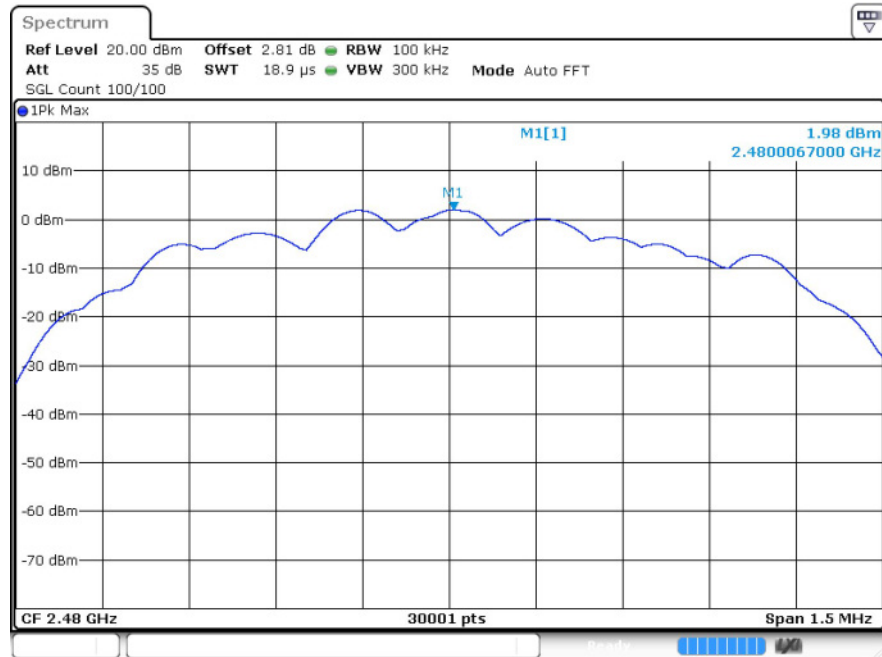


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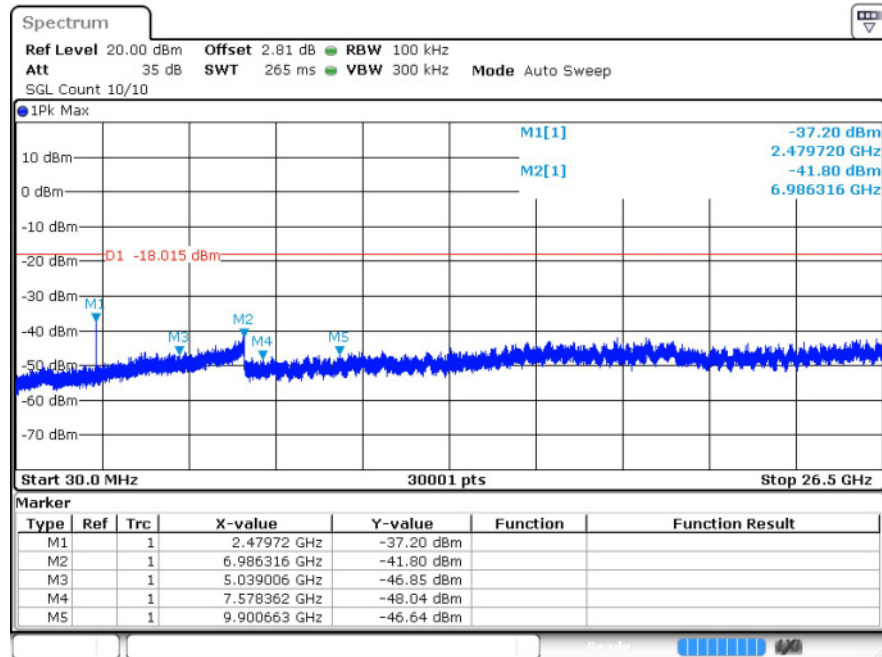


$\pi/4$ DQPSK_HCH_Graphs

Pref

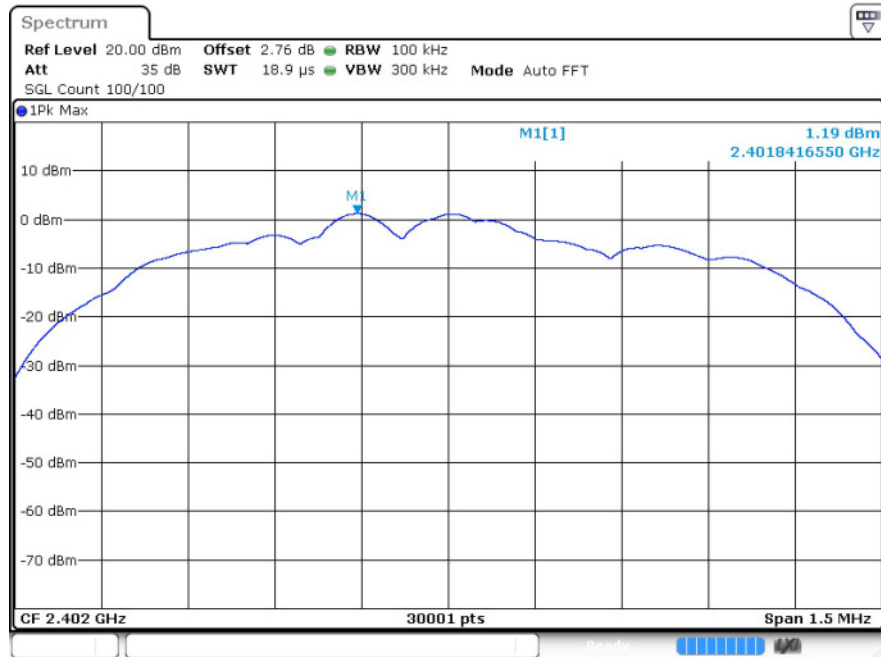


Puw



8DPSK_LCH_Graphs

Pref



Puw

