



Appendix A

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

Product Name: Bluetooth Headphones

Trade Mark: N/A

Test Model: BT9944

Environmental Conditions

Temperature:	26.3℃
Relative Humidity:	55.9%
ATM Pressure:	101Kpa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen

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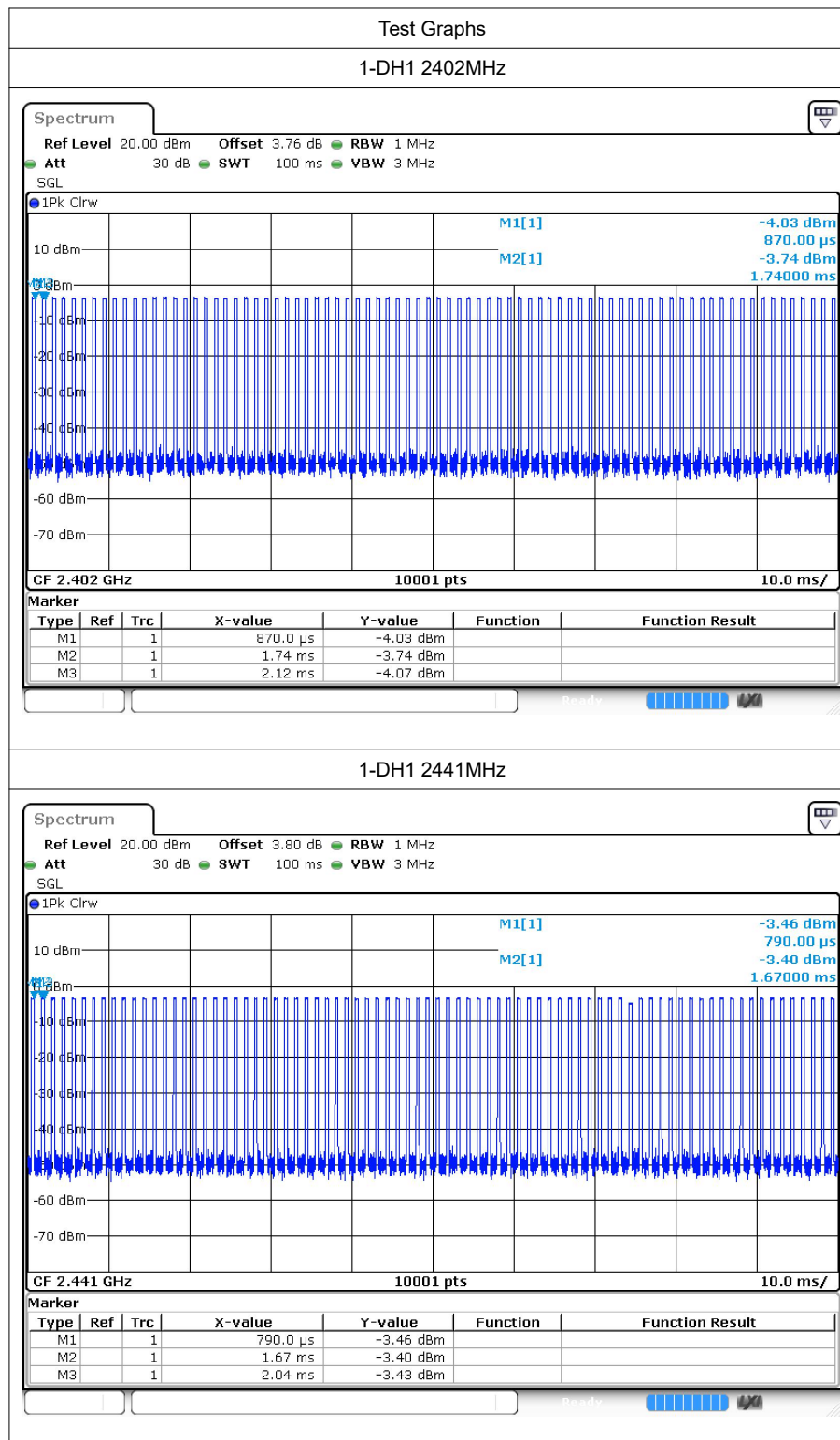
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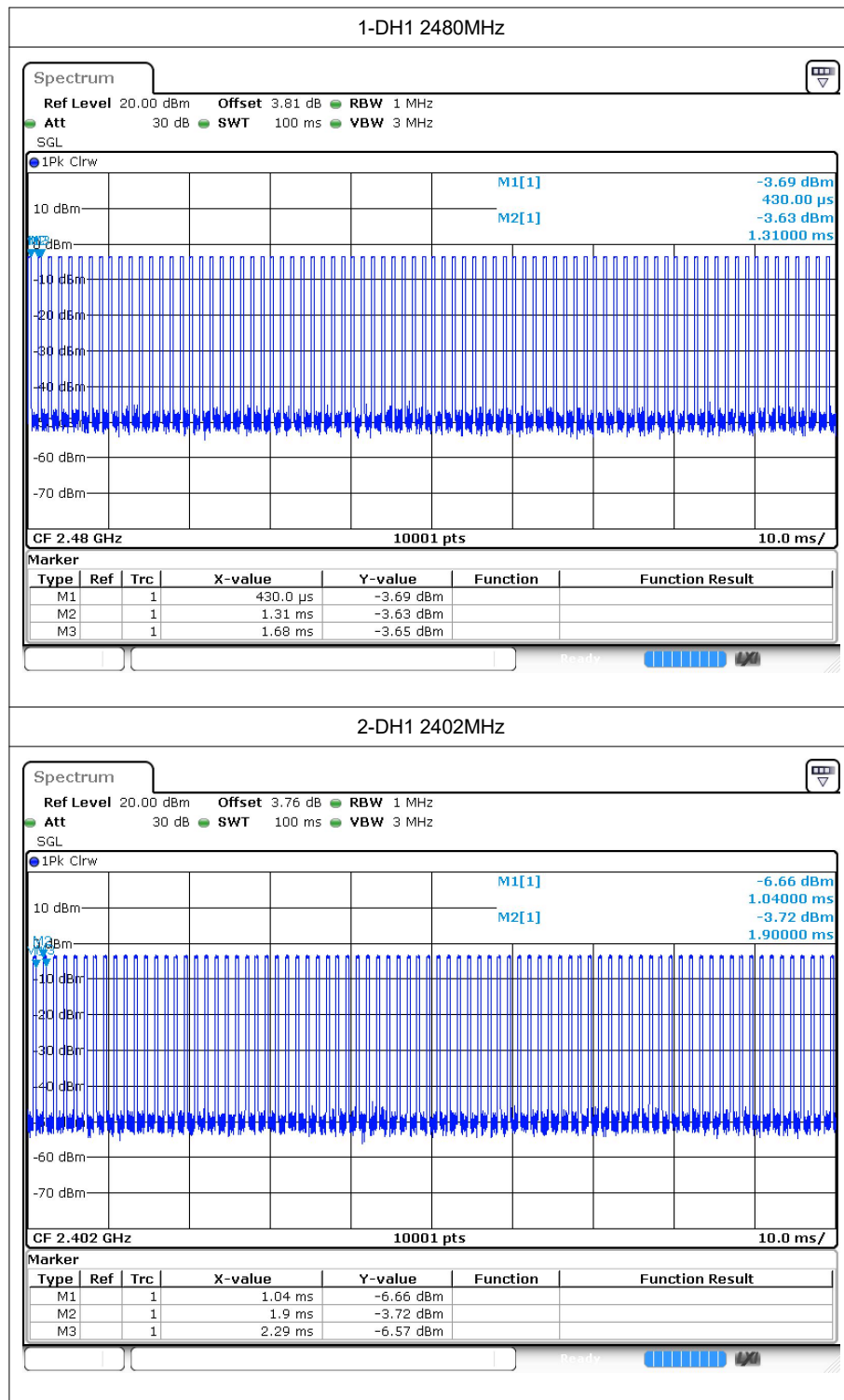
1 Duty Cycle

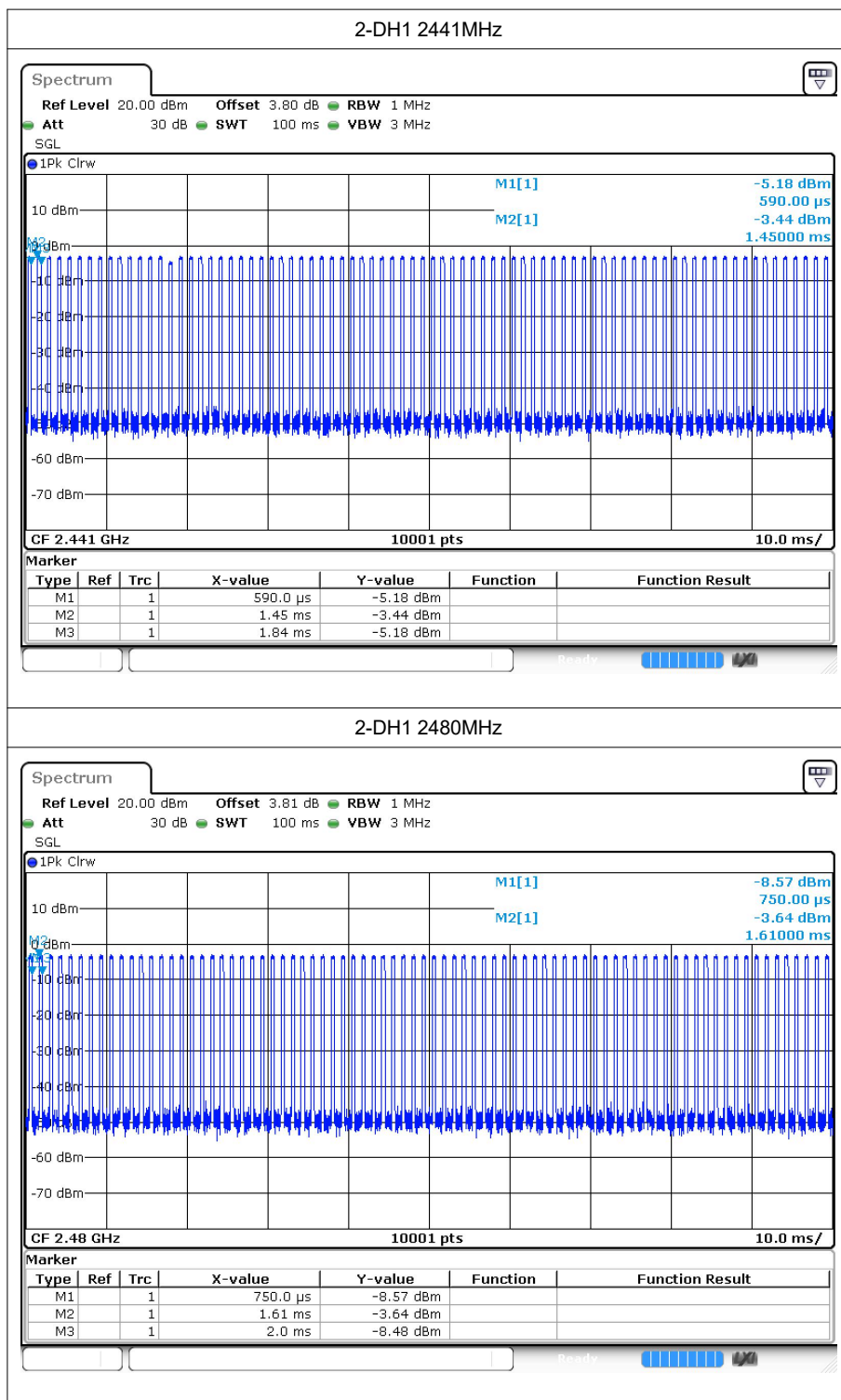
1.1 Test Result

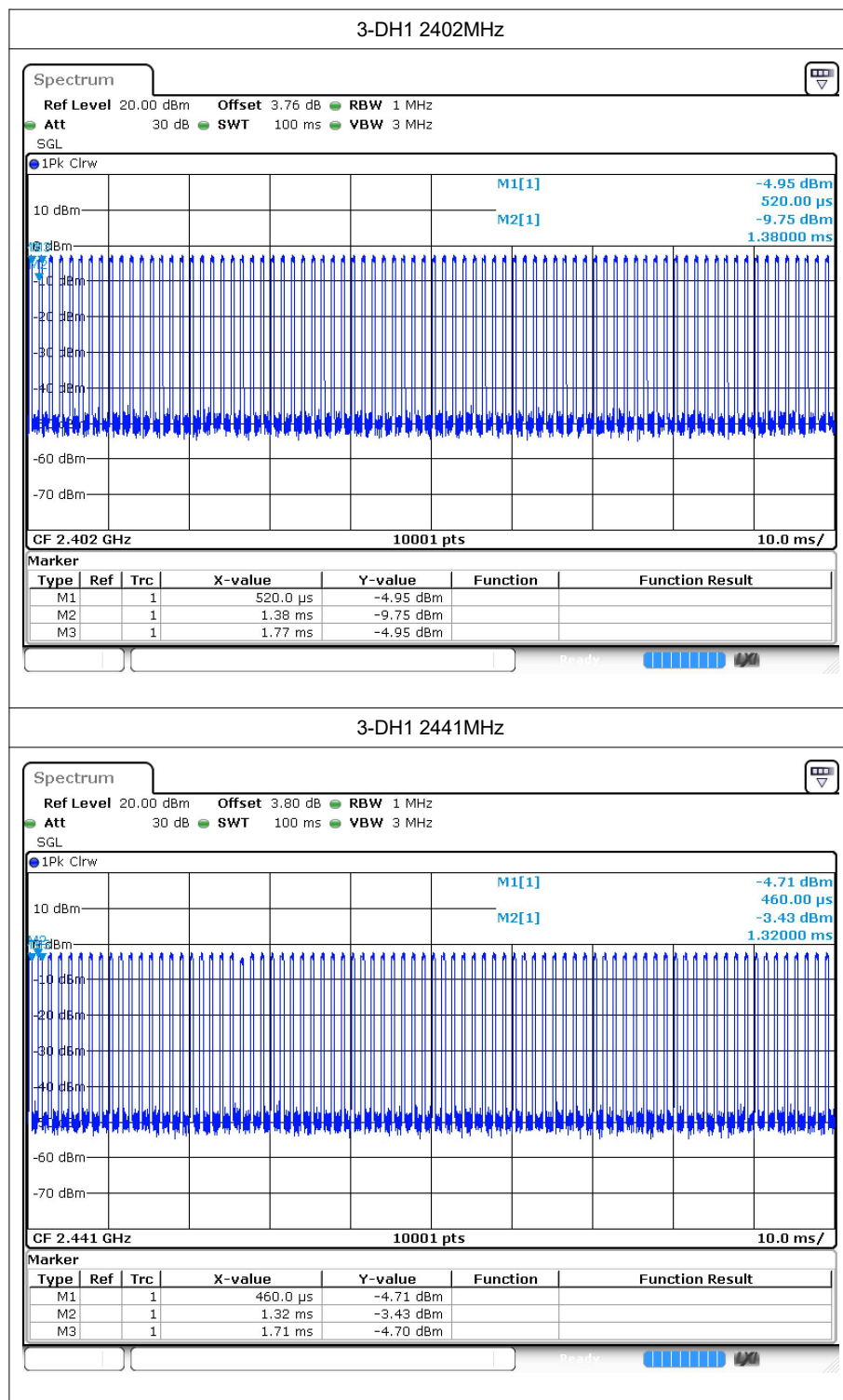
Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor	1/T (kHz)
1-DH1	2402	31.2	5.06	2.63
1-DH1	2441	30.4	5.17	2.7
1-DH1	2480	30.4	5.17	2.7
2-DH1	2402	32	4.95	2.56
2-DH1	2441	32	4.95	2.56
2-DH1	2480	32	4.95	2.56
3-DH1	2402	32	4.95	2.56
3-DH1	2441	32	4.95	2.56
3-DH1	2480	31.85	4.97	2.63

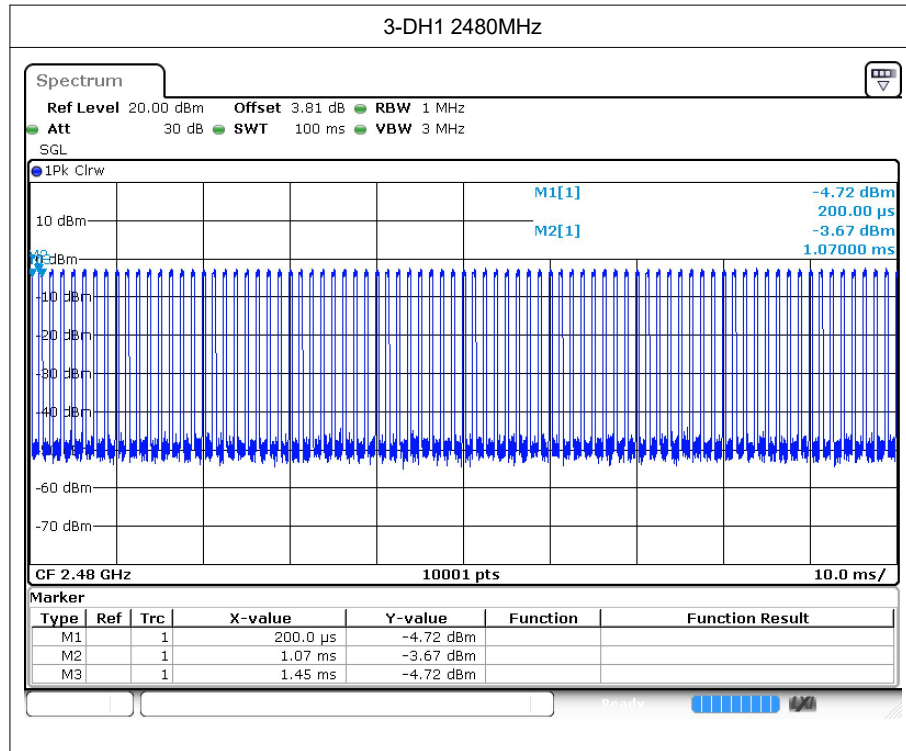
1.2 Test Graphs









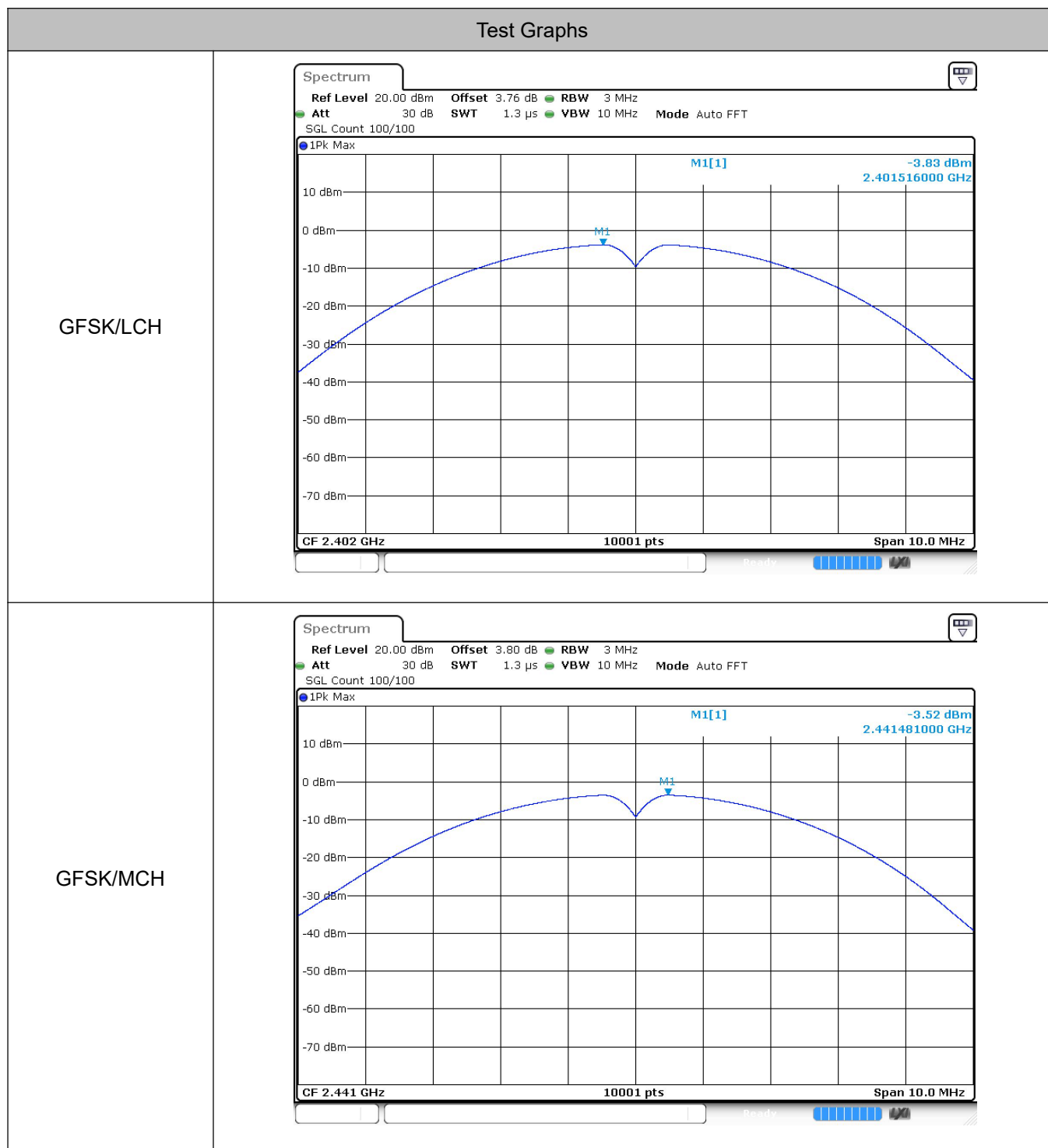


2 Maximum Conducted Peak Output Power

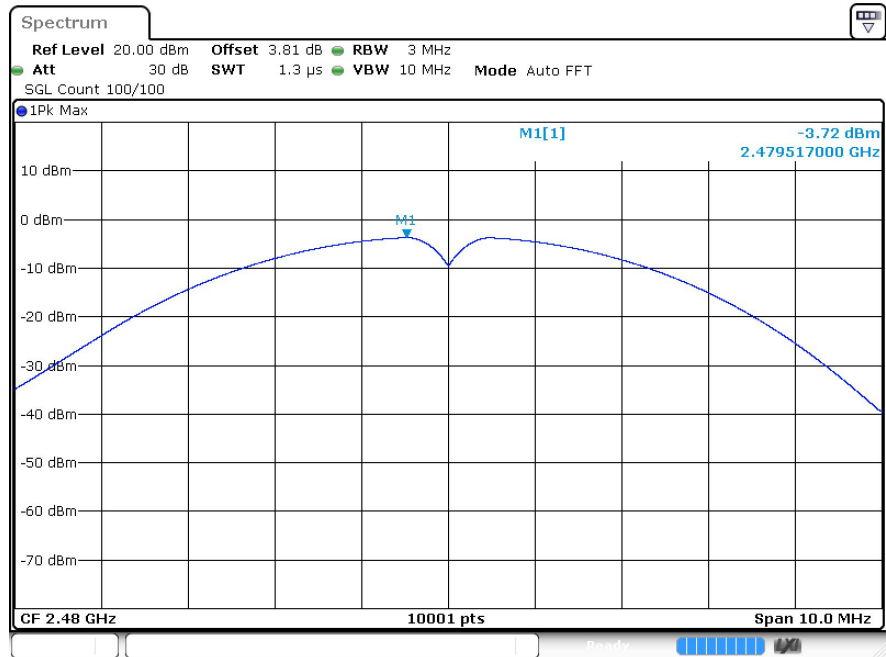
2.1 Test Result

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	-3.83	21	Pass
	MCH	-3.52	21	Pass
	HCH	-3.72	21	Pass
$\pi/4$ DQPSK	LCH	-3.29	21	Pass
	MCH	-2.66	21	Pass
	HCH	-3.06	21	Pass
8DPSK	LCH	-3.31	21	Pass
	MCH	-2.4	21	Pass
	HCH	-2.77	21	Pass

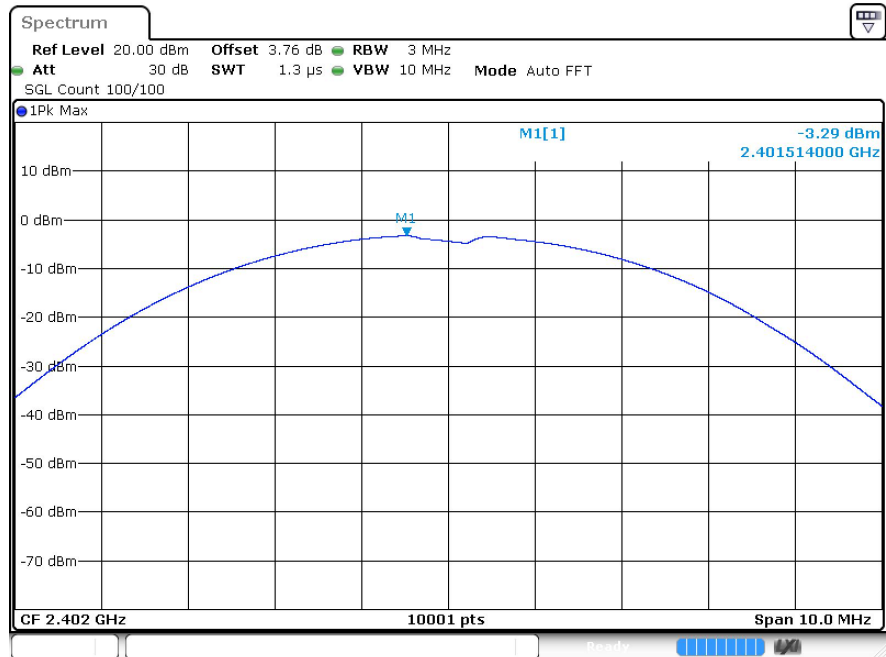
2.2 Test Graphs



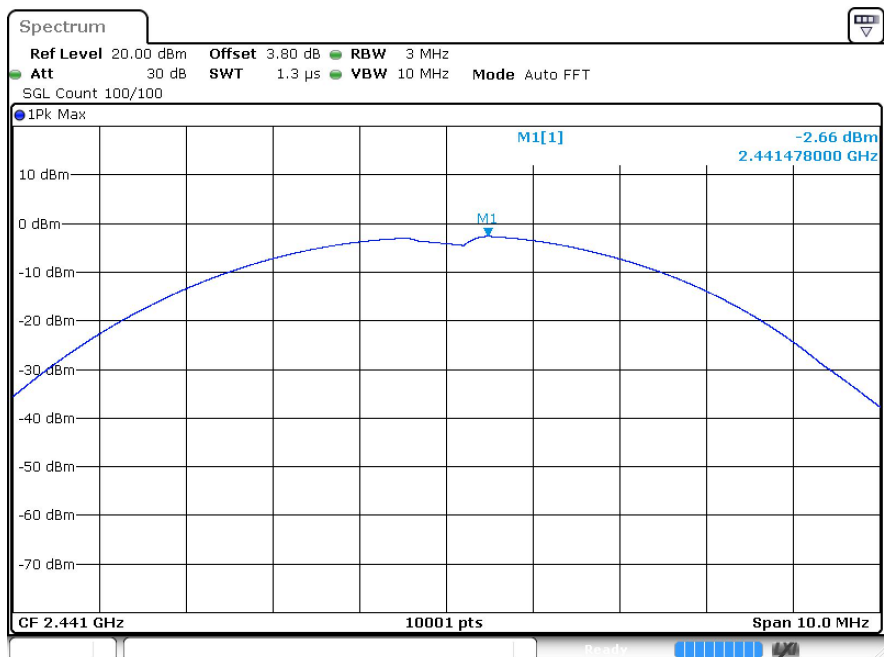
GFSK/HCH



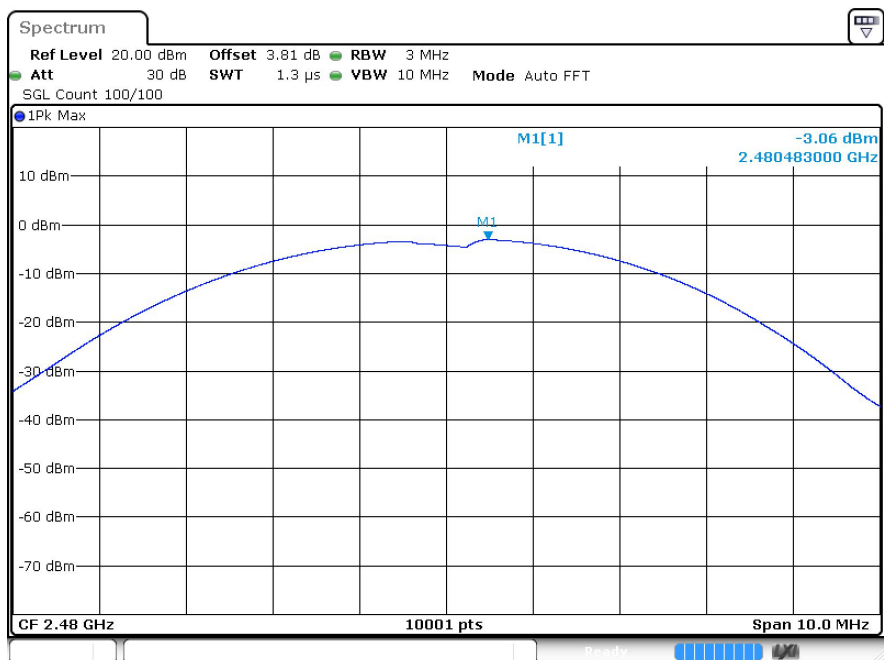
$\pi/4$ DQPSK/LCH



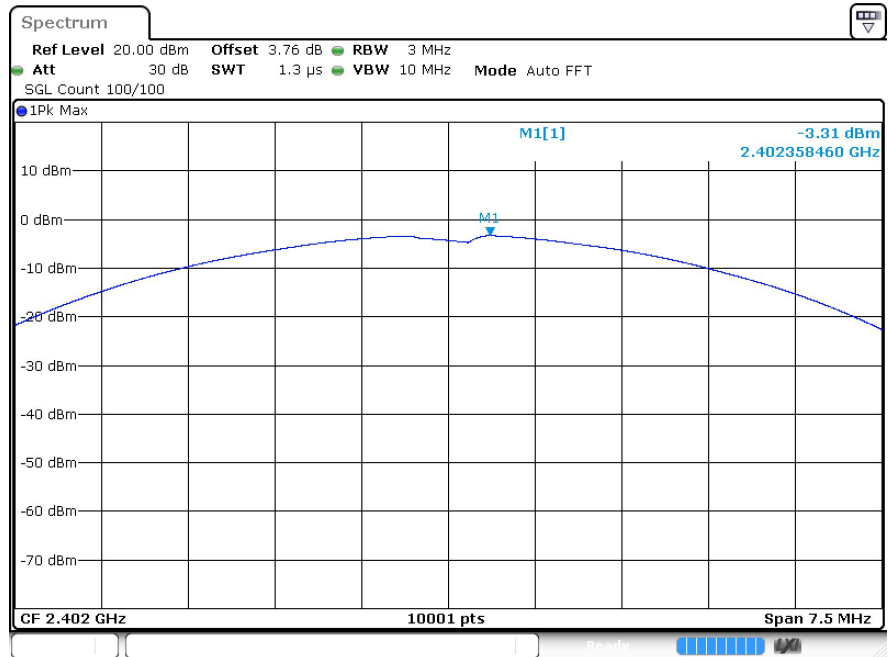
$\pi/4$ DQPSK/MCH



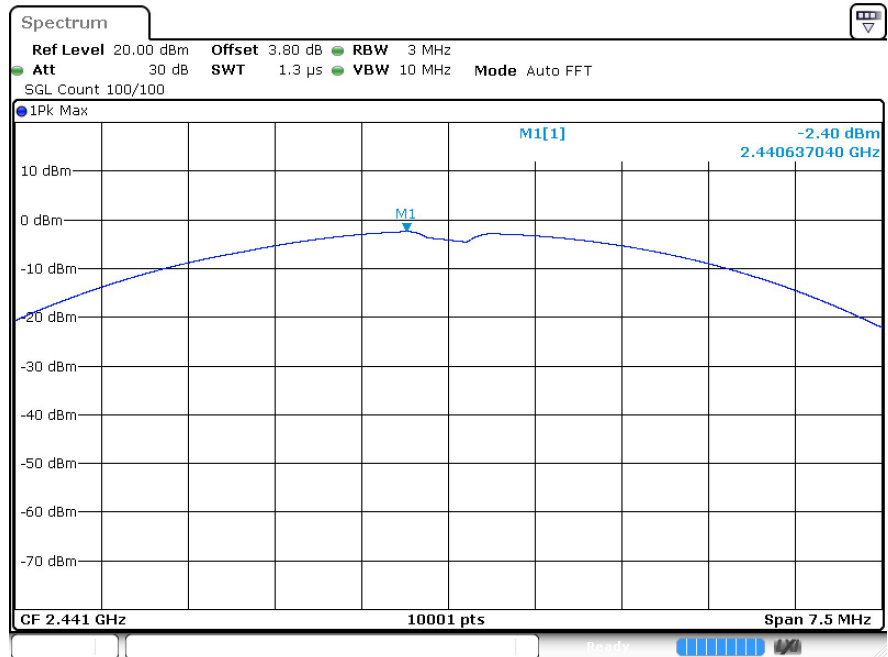
$\pi/4$ DQPSK/HCH



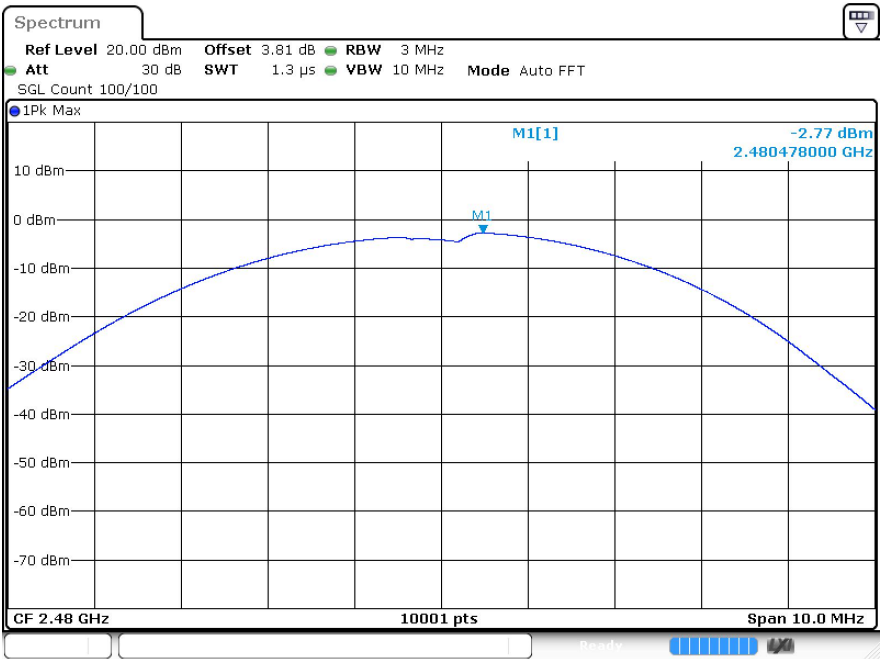
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH



3 20dB Bandwidth

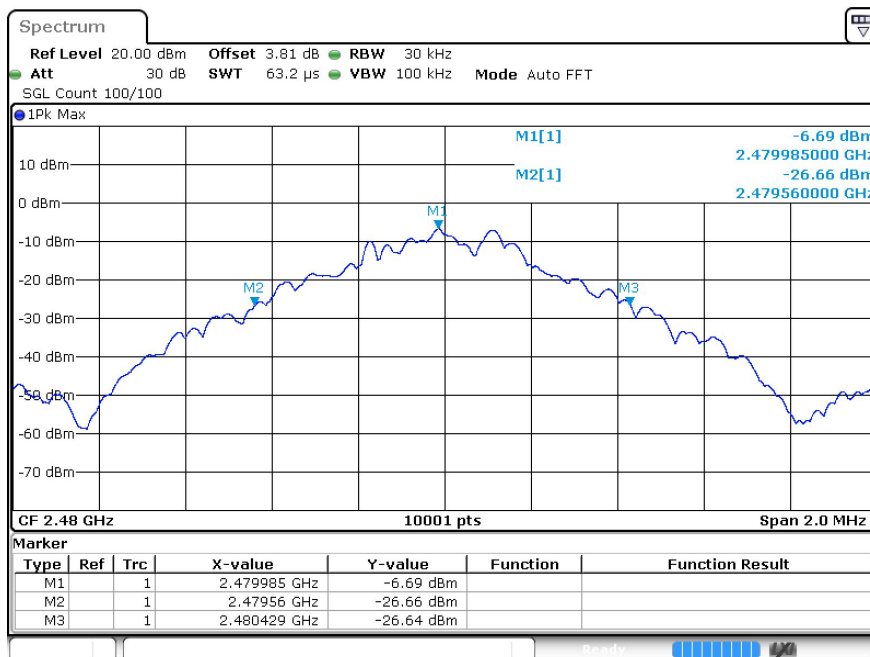
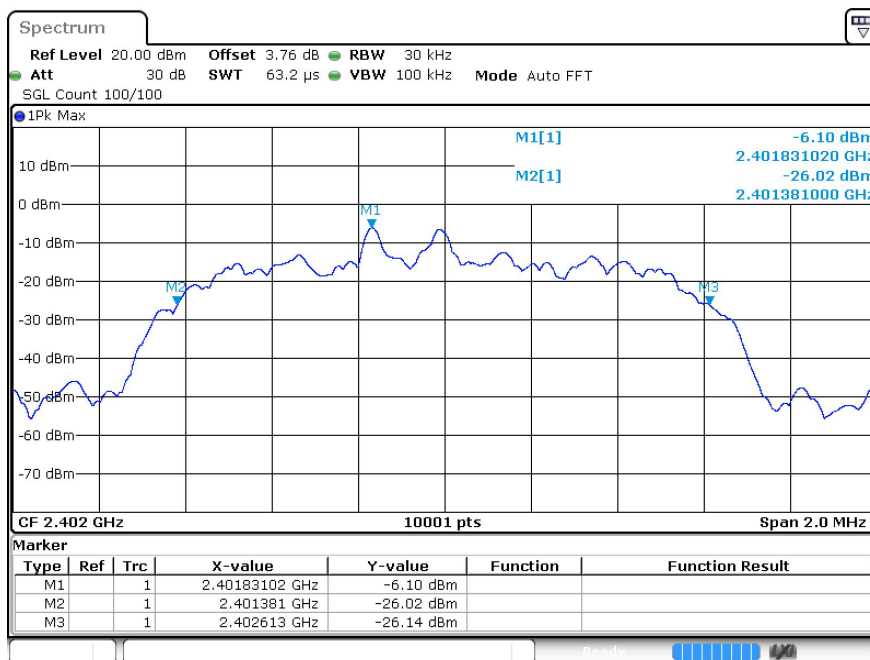
3.1 Test Result

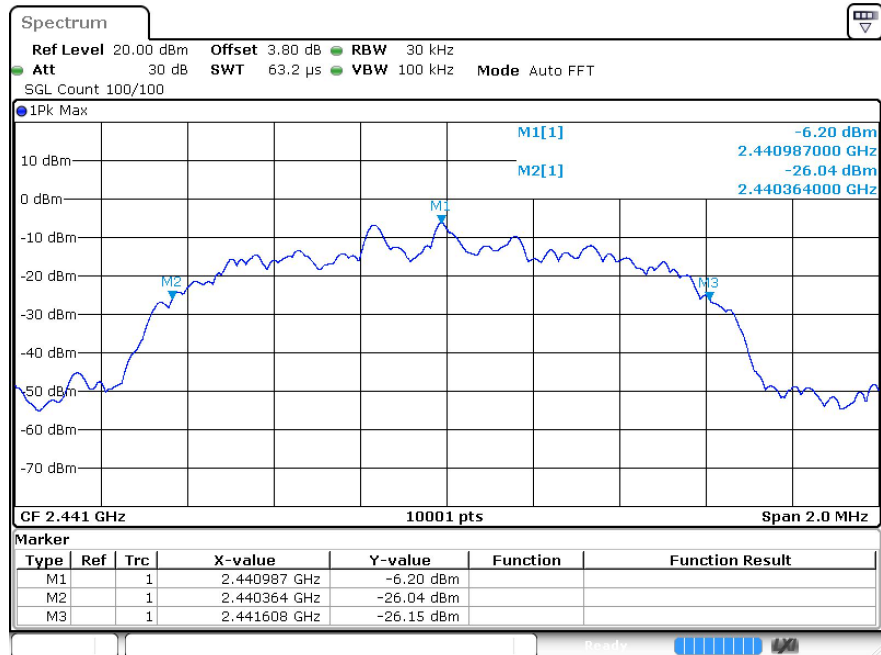
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.881	Not Specified	Pass
	MCH	0.856	Not Specified	Pass
	HCH	0.869	Not Specified	Pass
$\pi/4$ DQPSK	LCH	1.232	Not Specified	Pass
	MCH	1.245	Not Specified	Pass
	HCH	1.214	Not Specified	Pass
8DPSK	LCH	1.215	Not Specified	Pass
	MCH	1.237	Not Specified	Pass
	HCH	1.204	Not Specified	Pass

3.2 Test Graphs



GFSK/HCH


 $\pi/4$ DQPSK/LCH


$\pi/4$ DQPSK/MCH

 $\pi/4$ DQPSK/HCH
