



Appendix B

RF Test Data for 2.4GHz (Conducted Measurement)

Product Name: Wireless Gaming Headset

Trade Mark: N/A

Test Model: FC-200

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya lin
Supervised by:	Simba Haung



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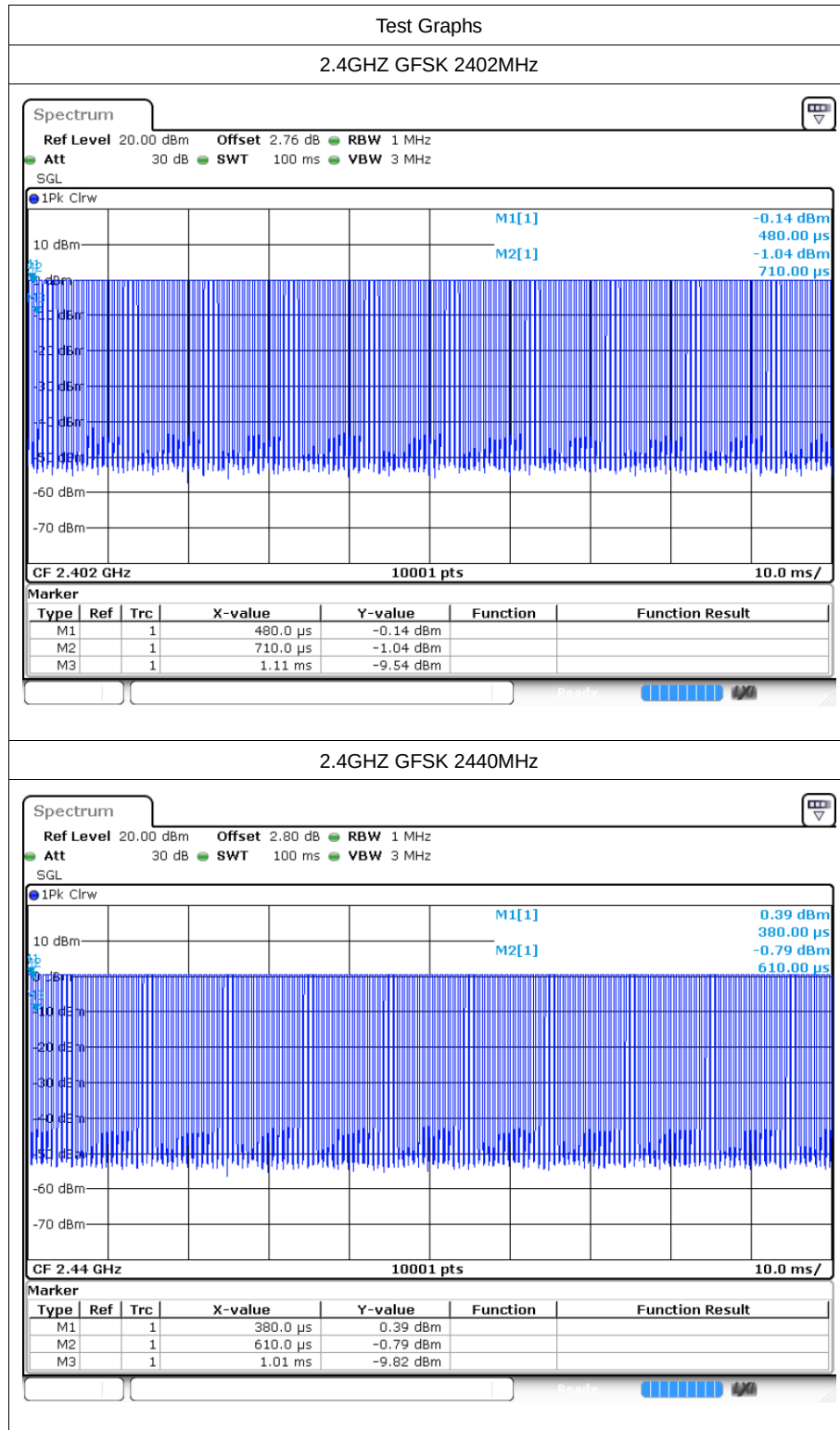


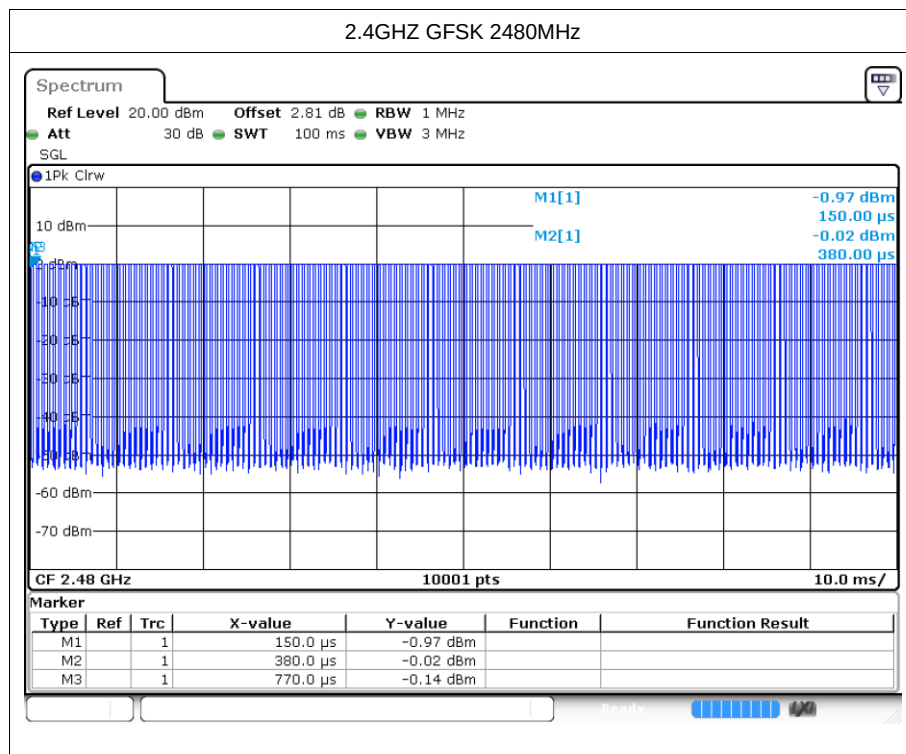
1 Duty Cycle

1.1 Test Result

Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor	1/T (kHz)
2.4GHZ GFSK	2402	64.73	1.89	2.5
2.4GHZ GFSK	2440	64.71	1.89	2.5
2.4GHZ GFSK	2480	64.22	1.92	2.56

1.2 Test Graphs





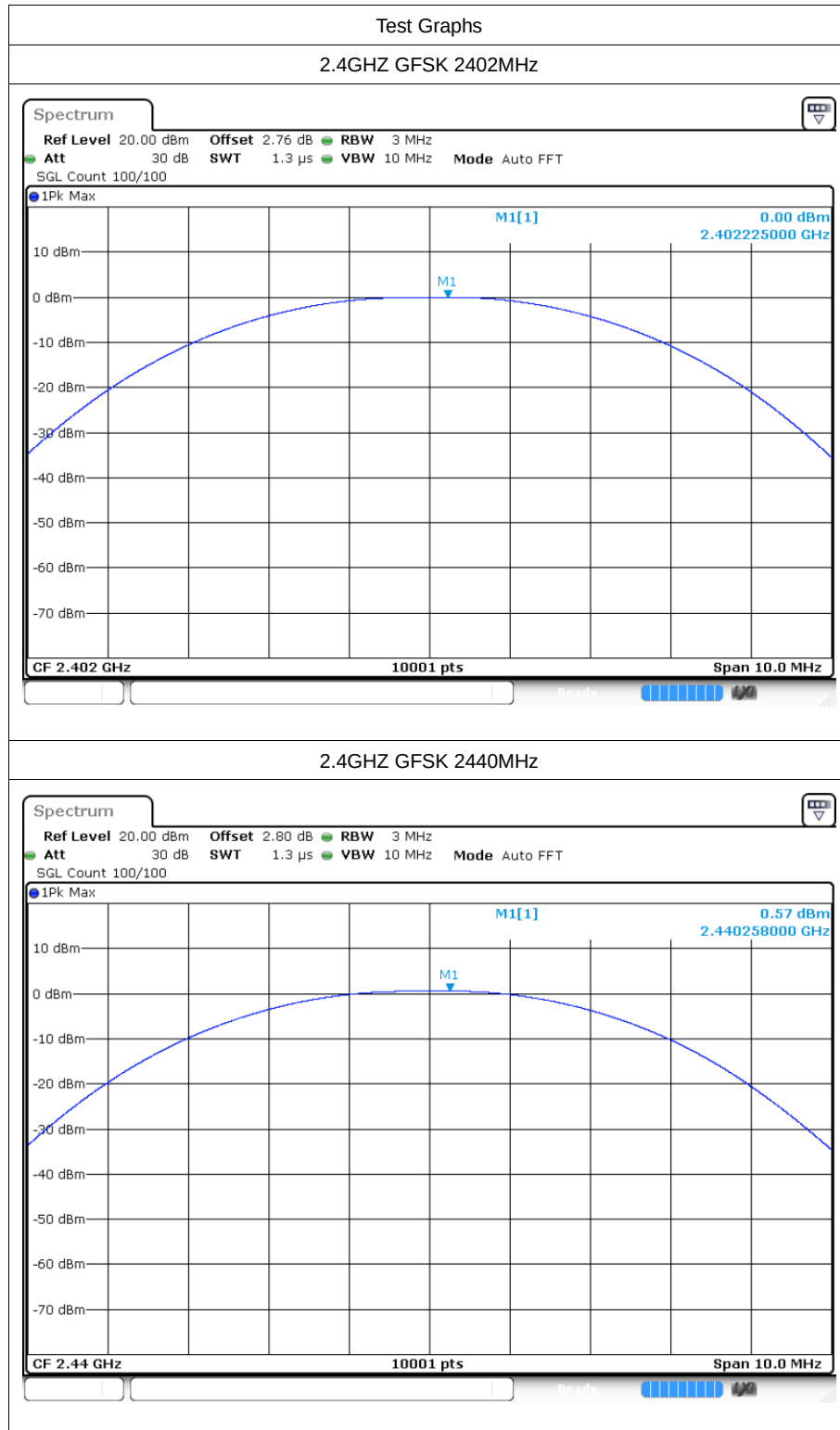


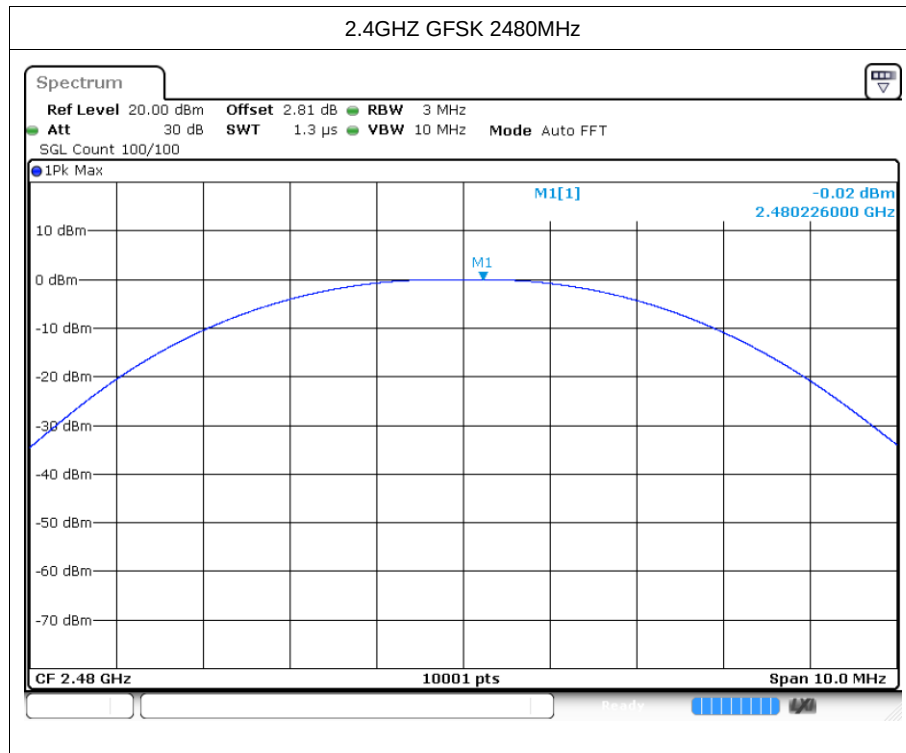
2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
2.4GHZ GFSK	2402	0.0	30	Pass
2.4GHZ GFSK	2440	0.57	30	Pass
2.4GHZ GFSK	2480	-0.02	30	Pass

2.2 Test Graphs





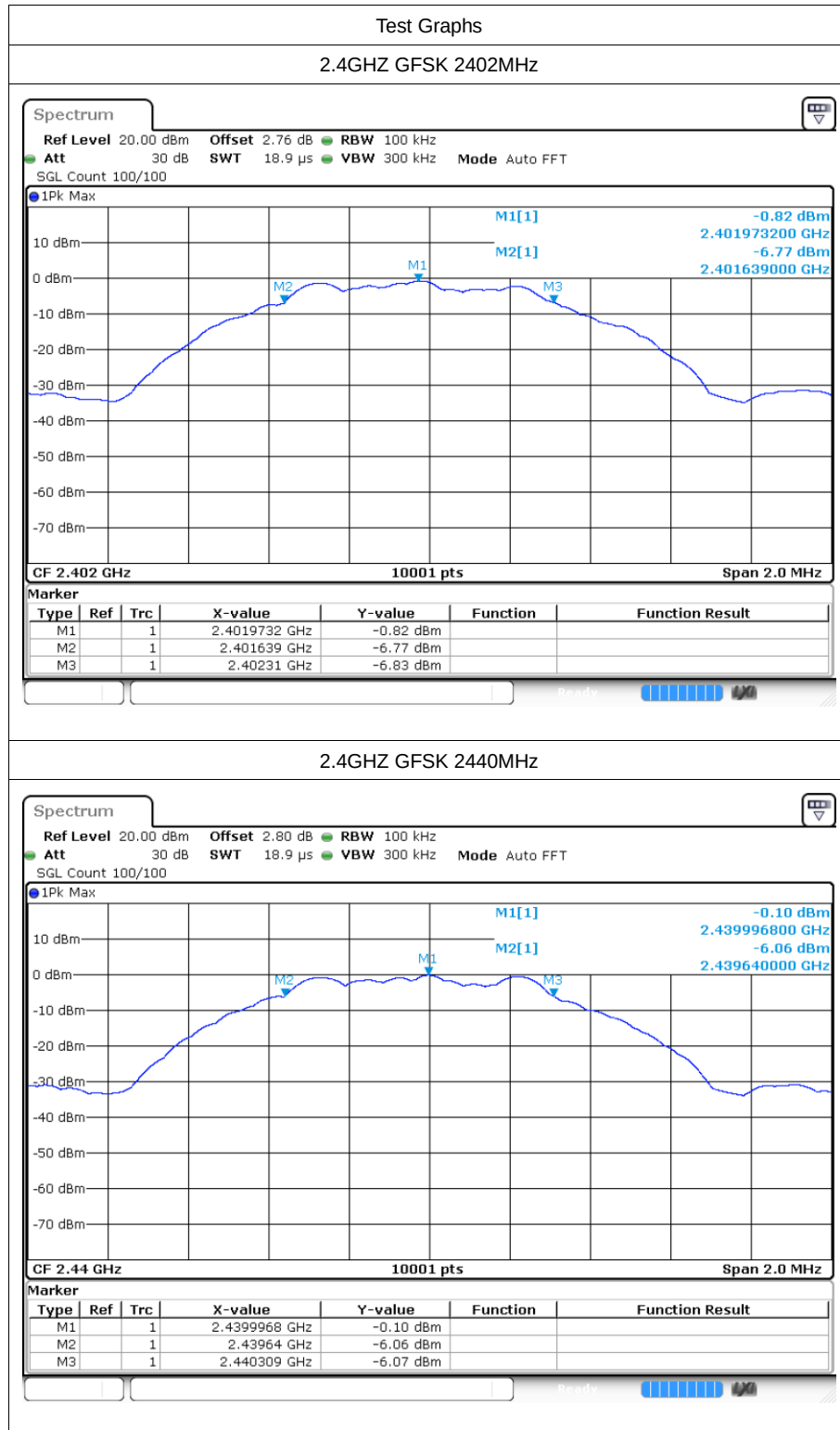


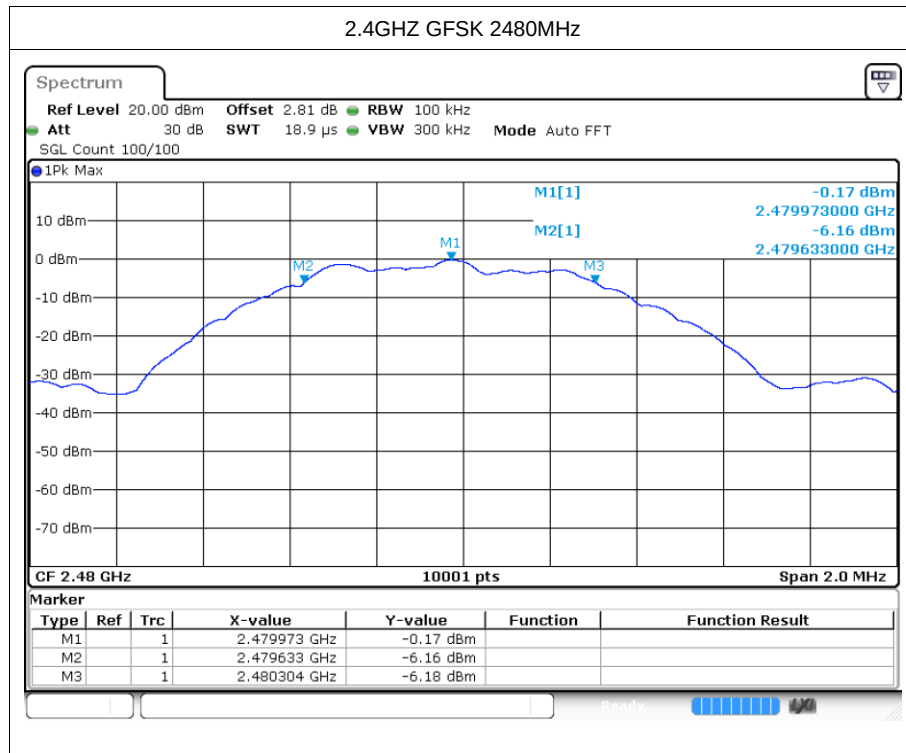
3 -6dB Bandwidth

3.1 Test Result

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
2.4GHZ GFSK	2402	0.671	0.5	Pass
2.4GHZ GFSK	2440	0.67	0.5	Pass
2.4GHZ GFSK	2480	0.671	0.5	Pass

3.2 Test Graphs



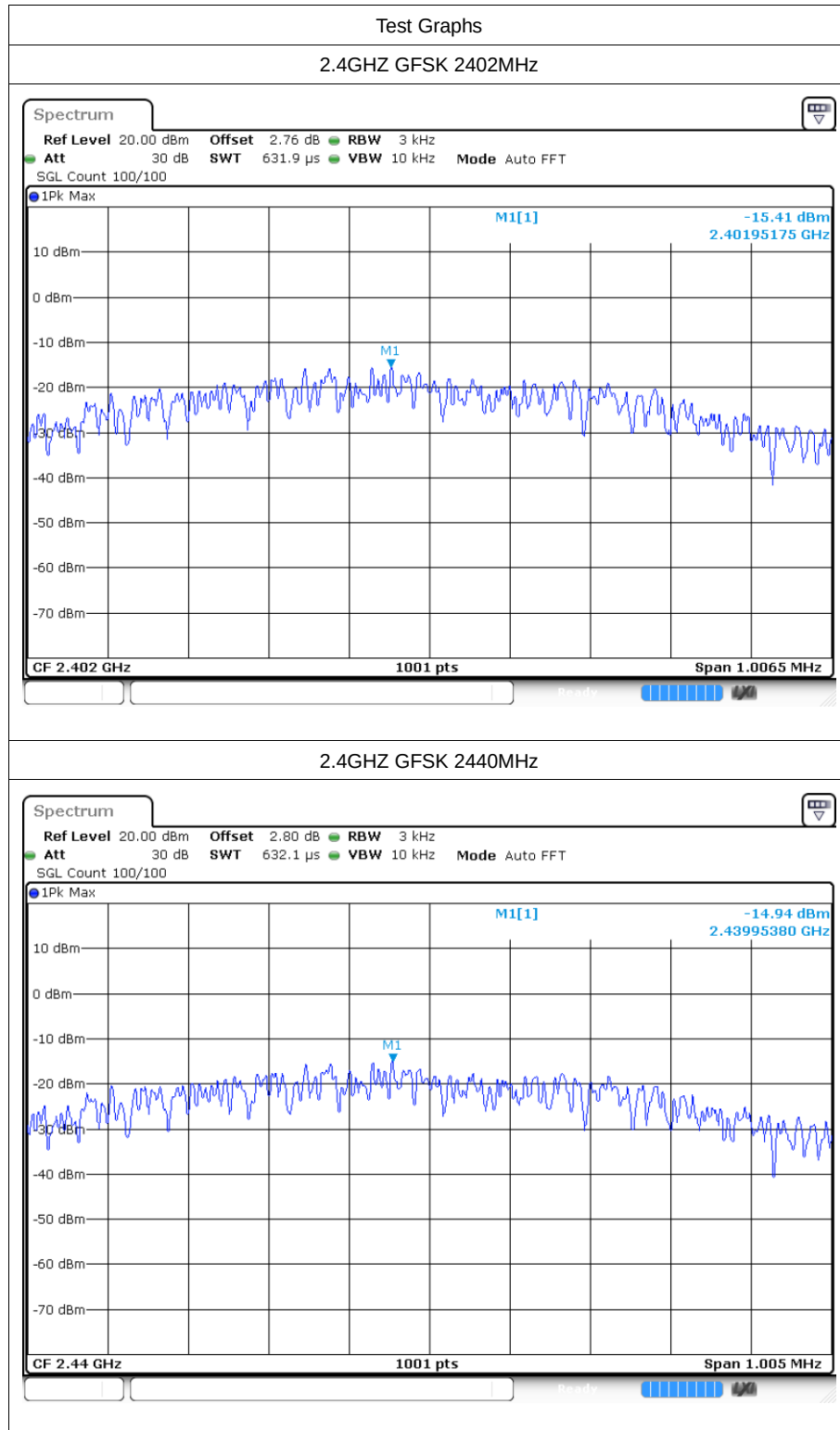


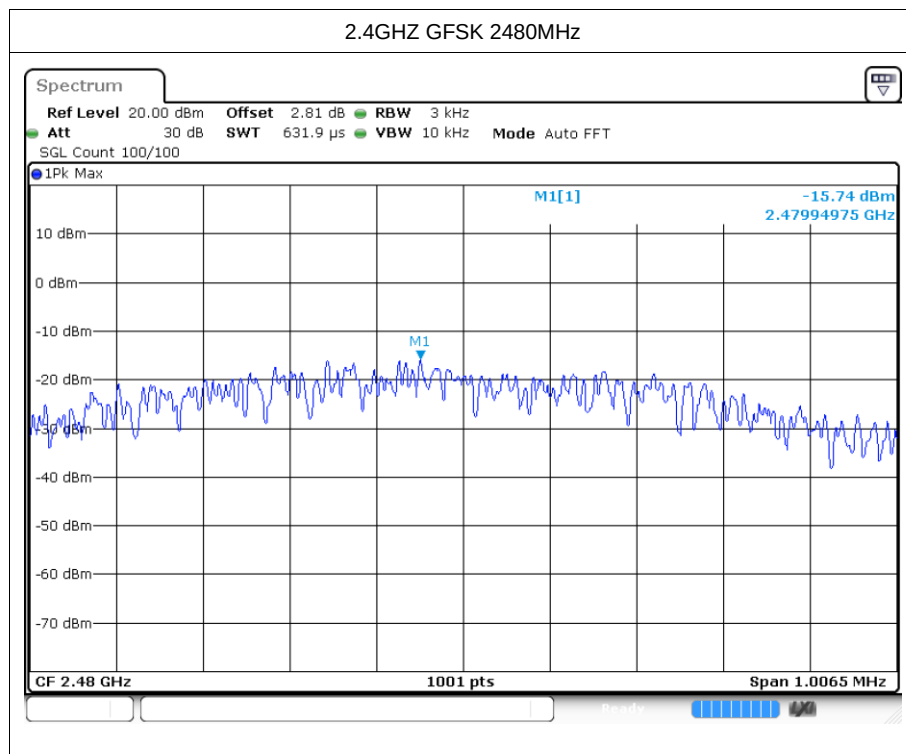
4 Maximum Power Spectral Density Level

4.1 Test Result

Mode	Frequency (MHz)	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
2.4GHZ GFSK	2402	-15.41	≤ 8	Pass
2.4GHZ GFSK	2440	-14.94	≤ 8	Pass
2.4GHZ GFSK	2480	-15.74	≤ 8	Pass

4.2 Test Graphs



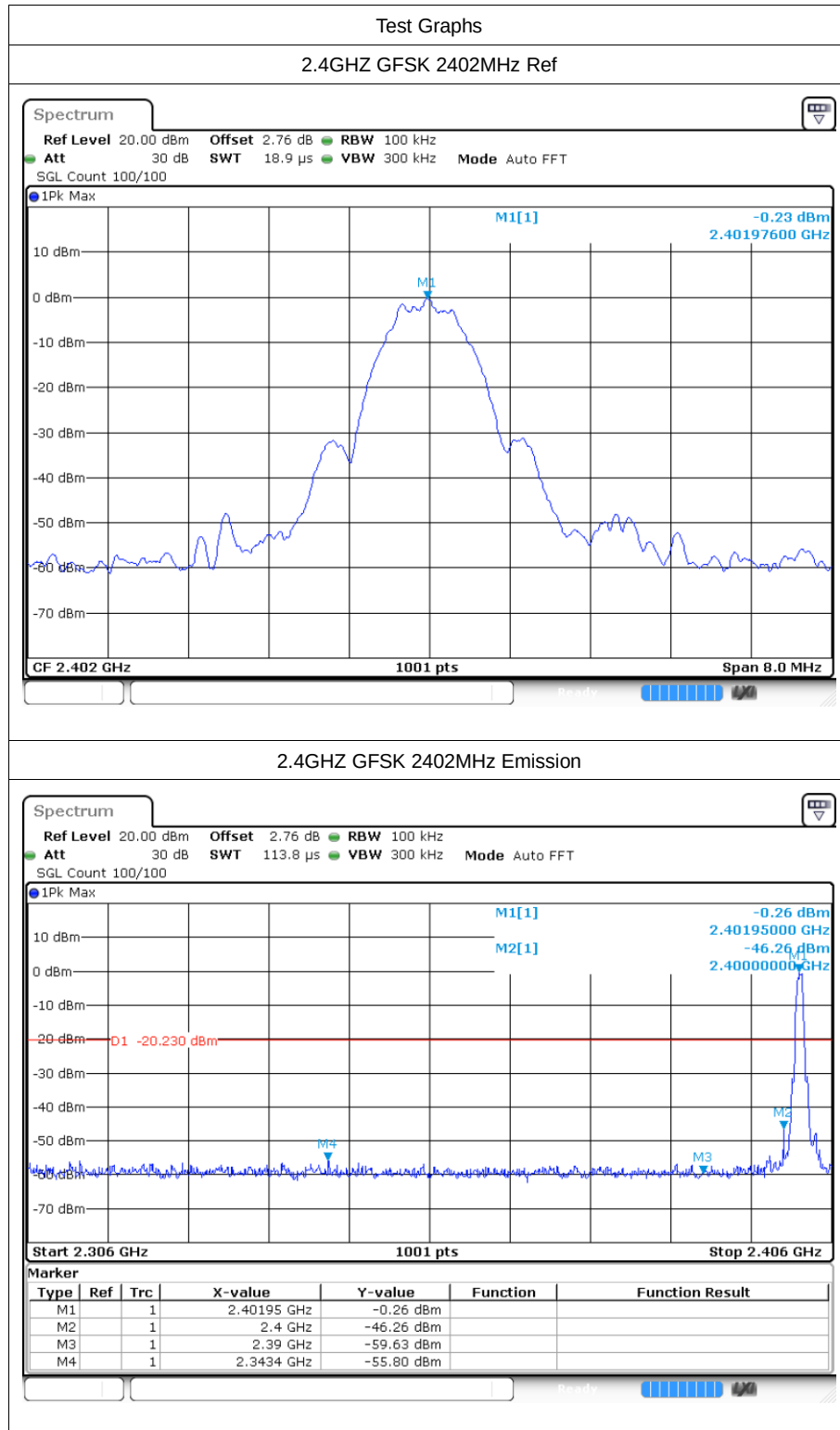


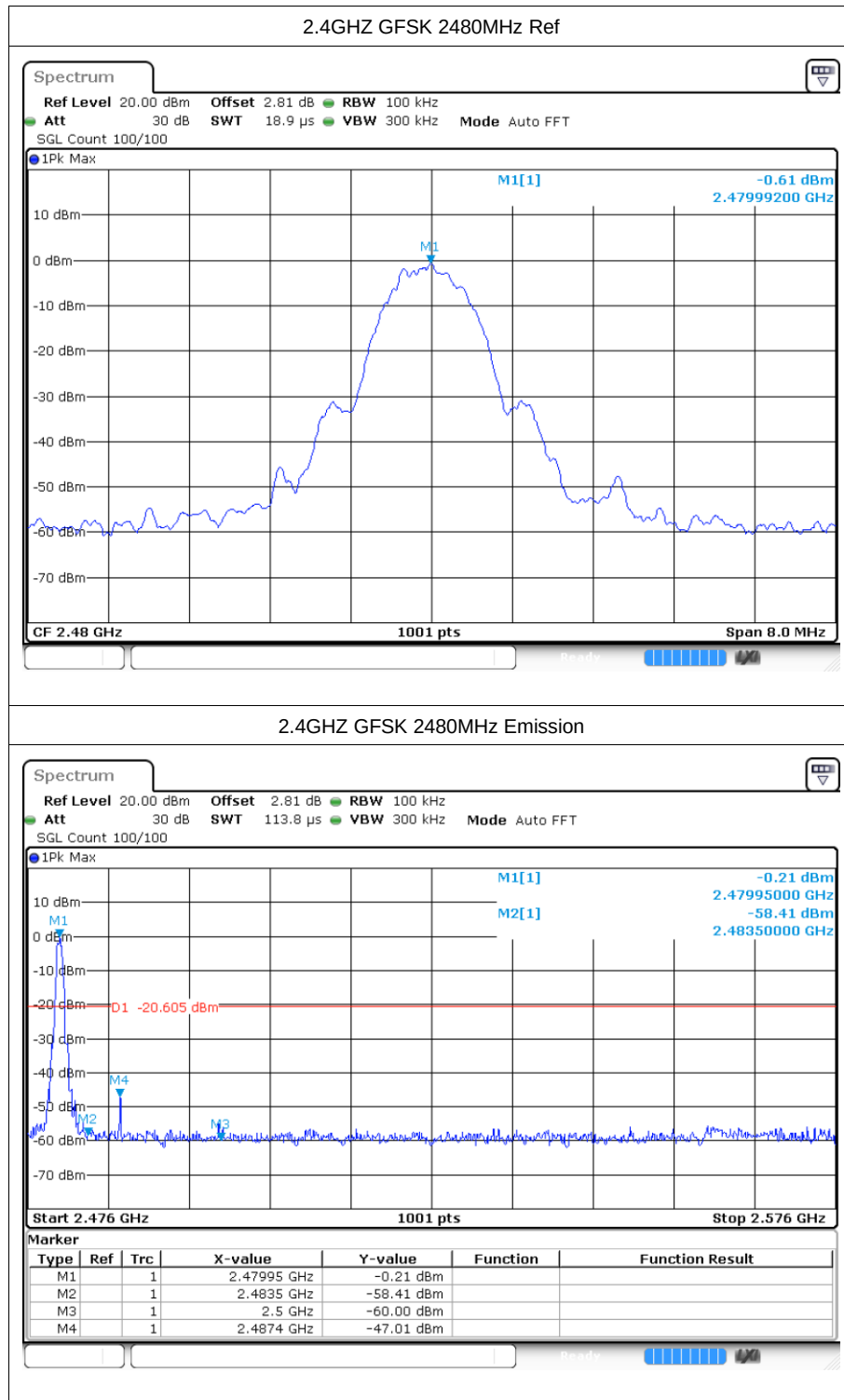
5 Band Edge

5.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
2.4GHZ GFSK	2402	-55.56	-20	Pass
2.4GHZ GFSK	2480	-46.4	-20	Pass

5.2 Test Graphs



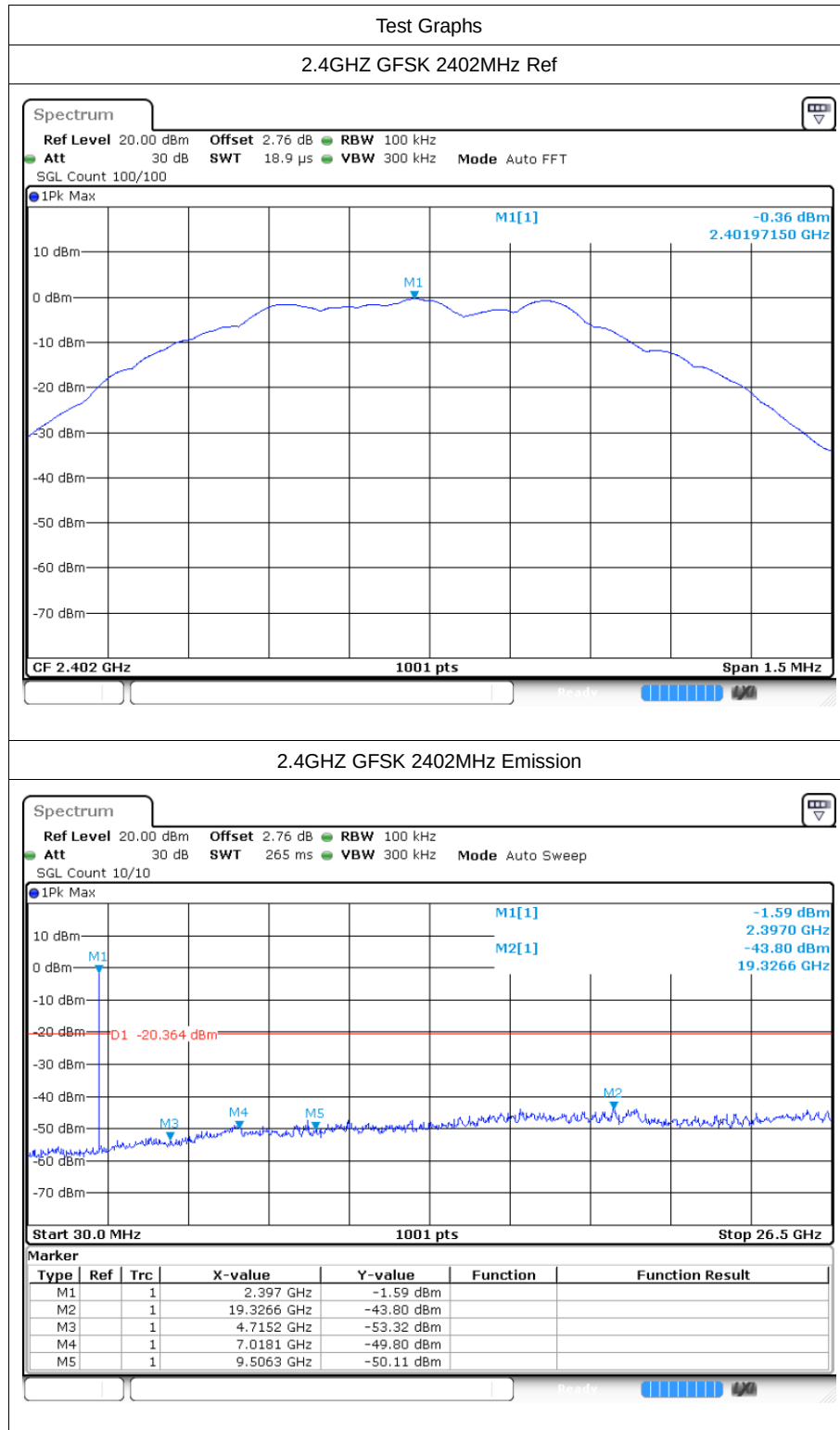


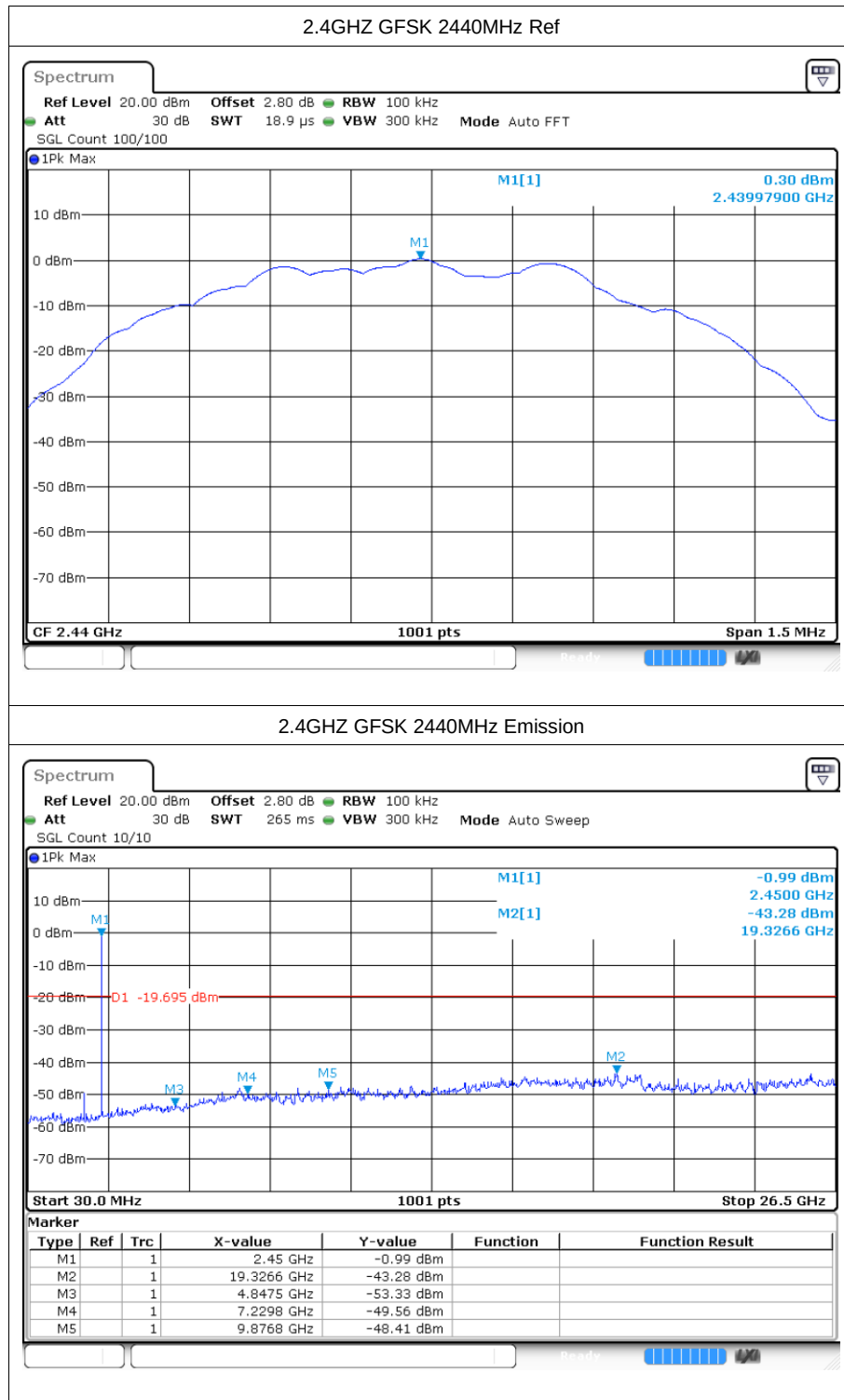
6 Conducted RF Spurious Emission

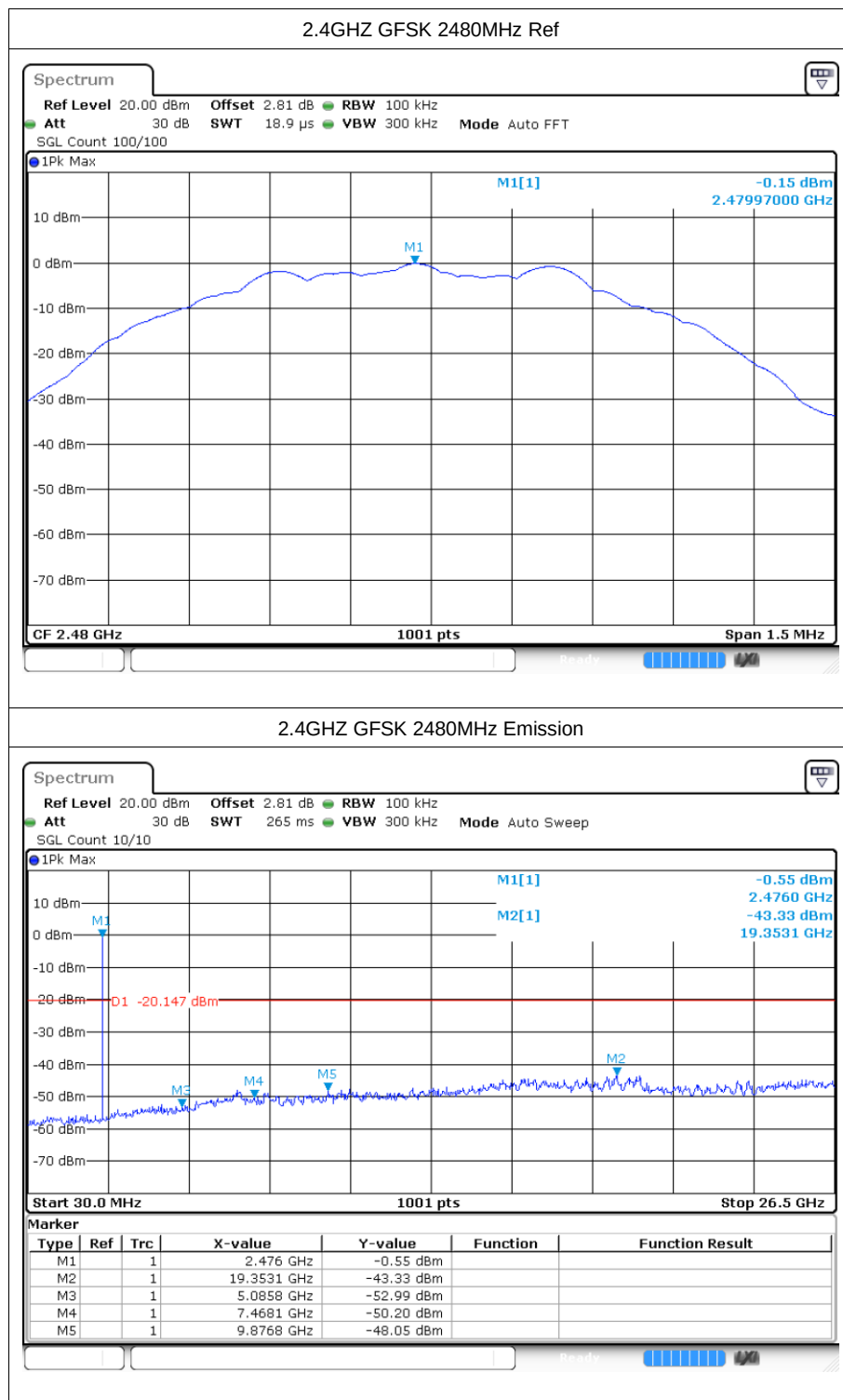
6.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
2.4GHZ GFSK	2402	-43.44	-20	Pass
2.4GHZ GFSK	2440	-43.58	-20	Pass
2.4GHZ GFSK	2480	-43.18	-20	Pass

6.2 Test Graphs







---The End---