

Appendix B

RF Test Data for 2.4GHz (Conducted Measurement)

Product Name: Wireless Gaming Headset

Trade Mark: N/A

Test Model: HW20

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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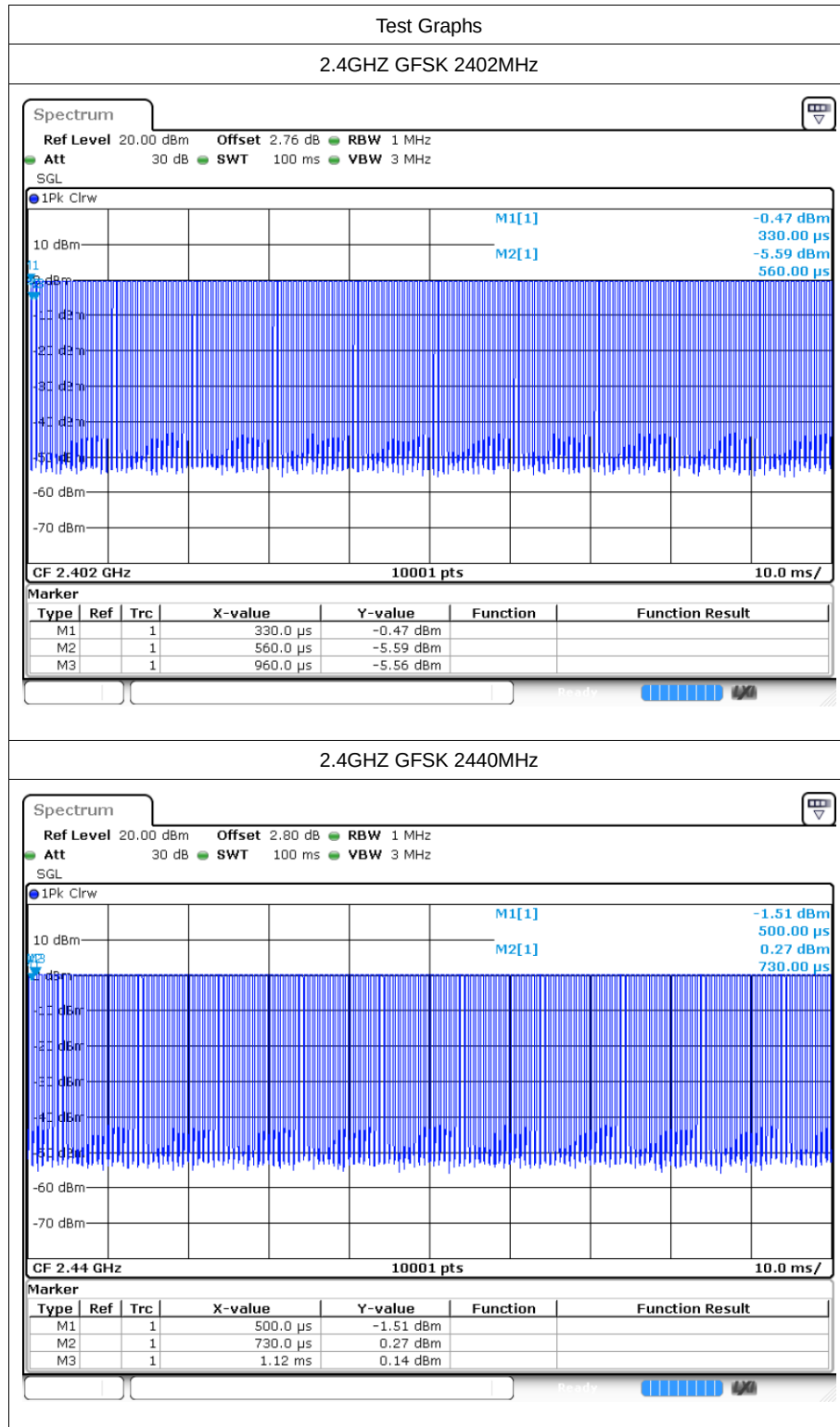
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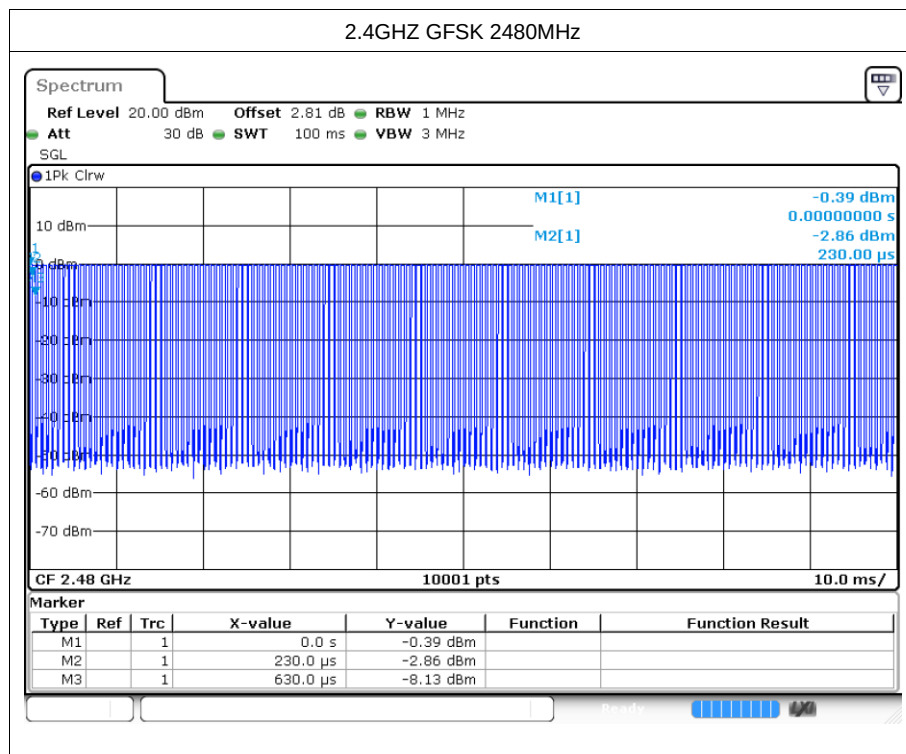
1 Duty Cycle

1.1 Test Result

Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor	1/T (kHz)
2.4GHZ GFSK	2402	64.44	1.91	2.5
2.4GHZ GFSK	2440	63.99	1.94	2.56
2.4GHZ GFSK	2480	64.54	1.9	2.5

1.2 Test Graphs



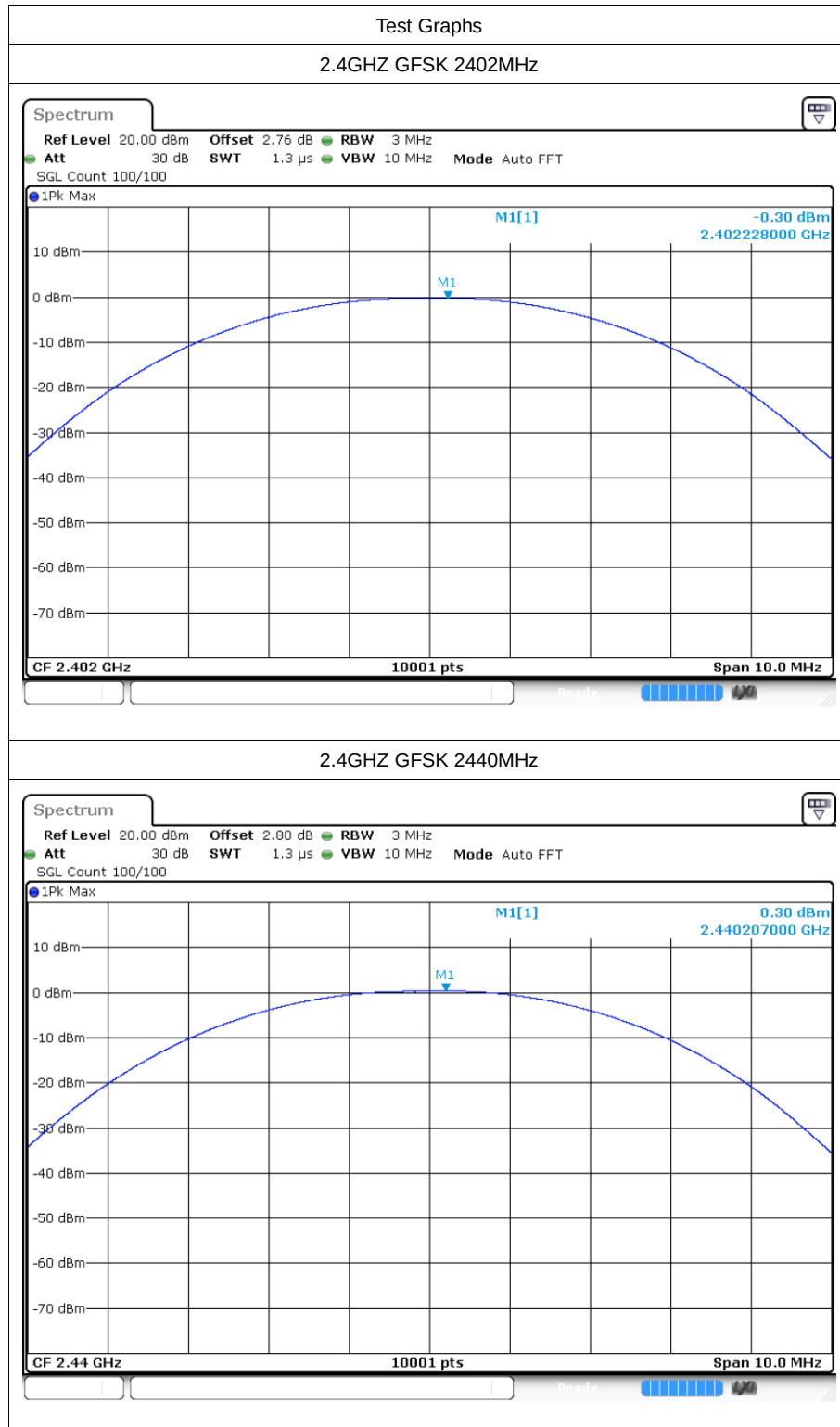


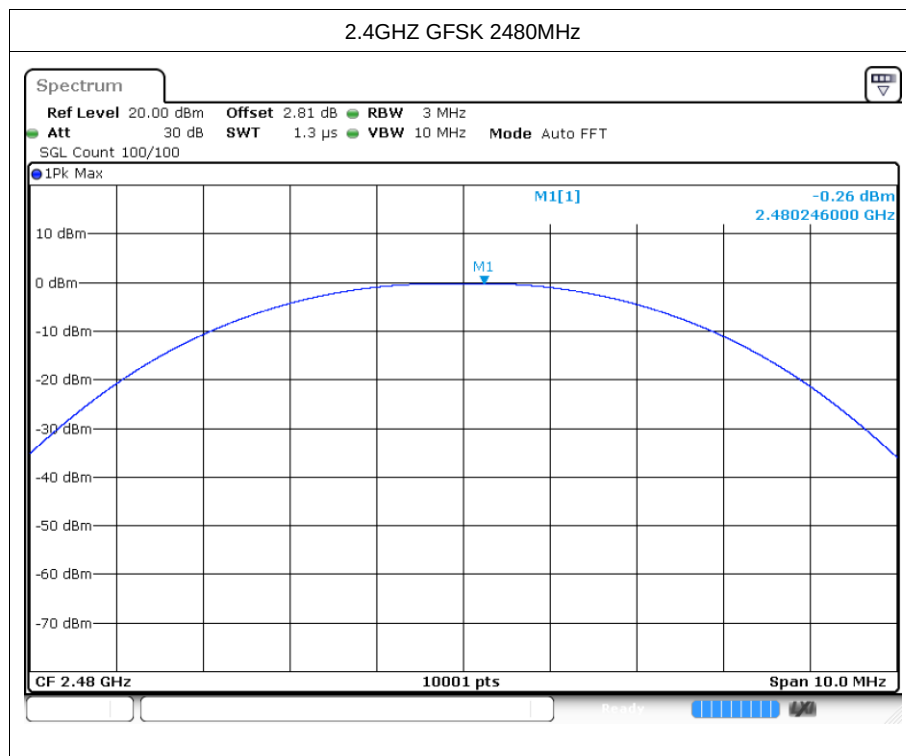
2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
2.4GHZ GFSK	2402	-0.3	30	Pass
2.4GHZ GFSK	2440	0.3	30	Pass
2.4GHZ GFSK	2480	-0.26	30	Pass

2.2 Test Graphs



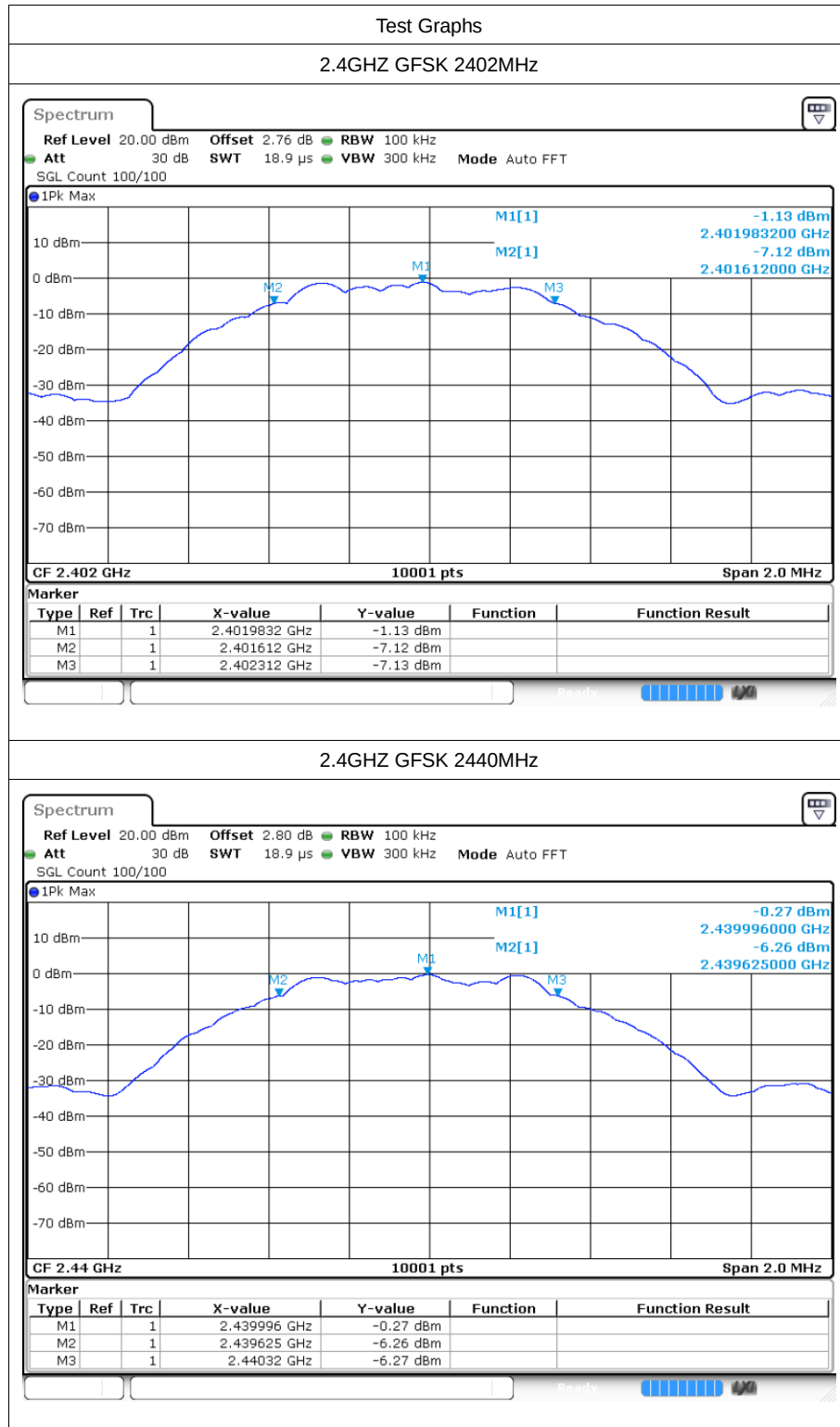


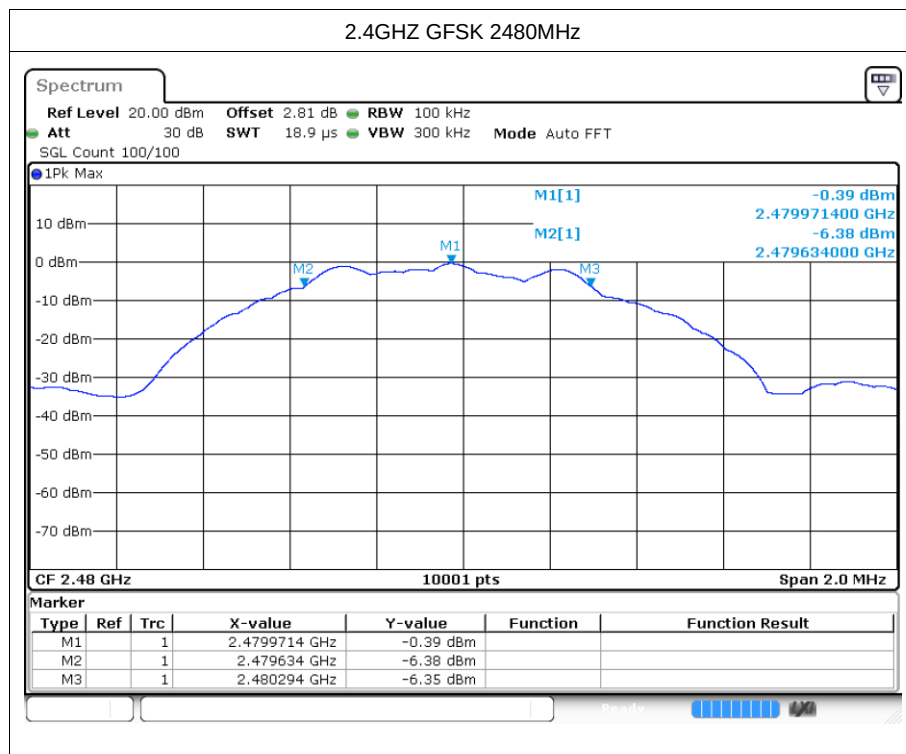
3 -6dB Bandwidth

3.1 Test Result

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
2.4GHZ GFSK	2402	0.7	0.5	Pass
2.4GHZ GFSK	2440	0.695	0.5	Pass
2.4GHZ GFSK	2480	0.66	0.5	Pass

3.2 Test Graphs



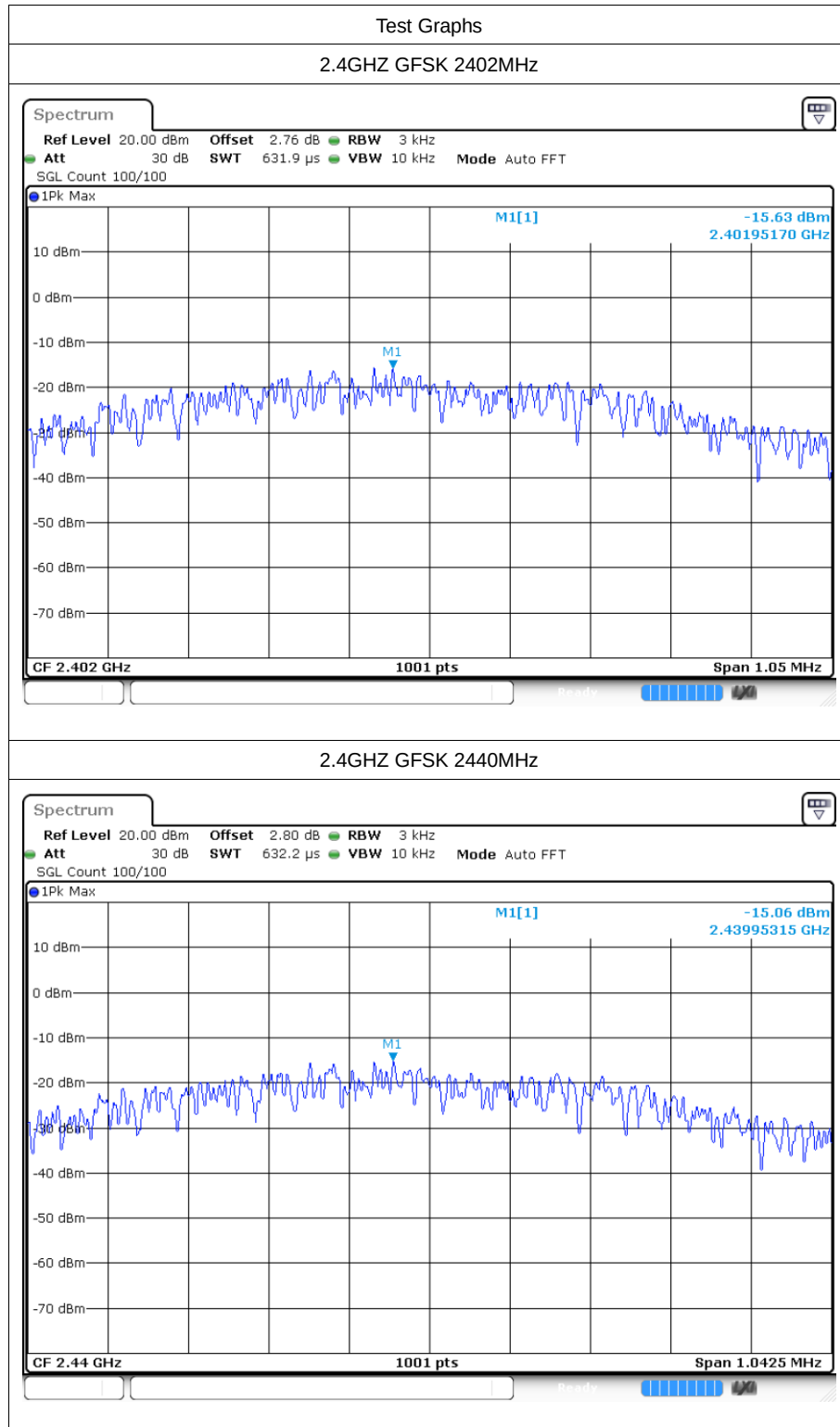


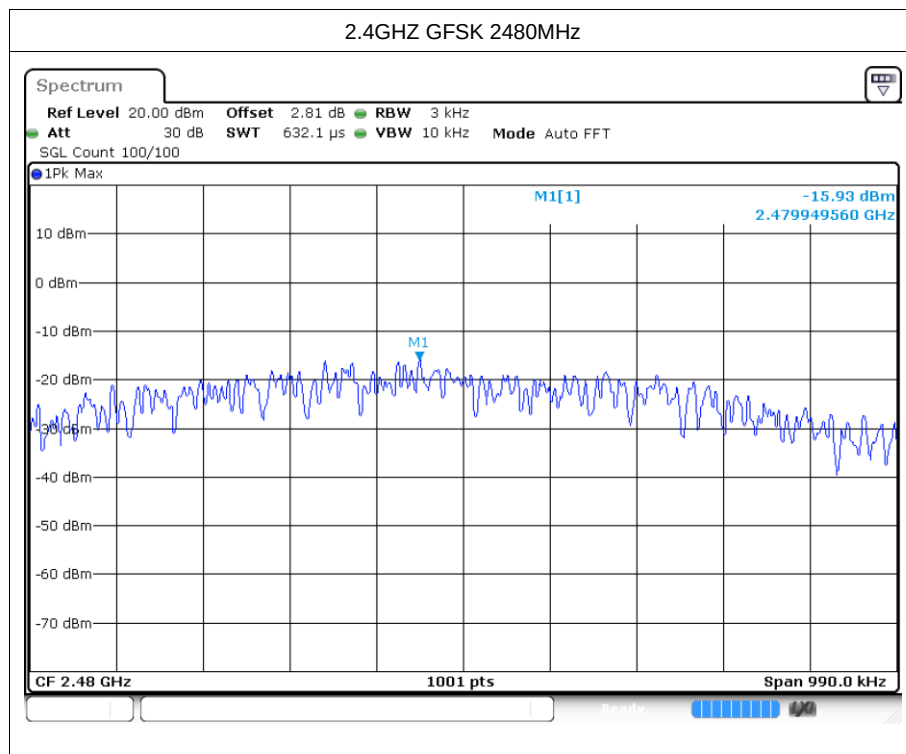
4 Maximum Power Spectral Density Level

4.1 Test Result

Mode	Frequency (MHz)	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
2.4GHZ GFSK	2402	-15.63	≤ 8	Pass
2.4GHZ GFSK	2440	-15.06	≤ 8	Pass
2.4GHZ GFSK	2480	-15.93	≤ 8	Pass

4.2 Test Graphs



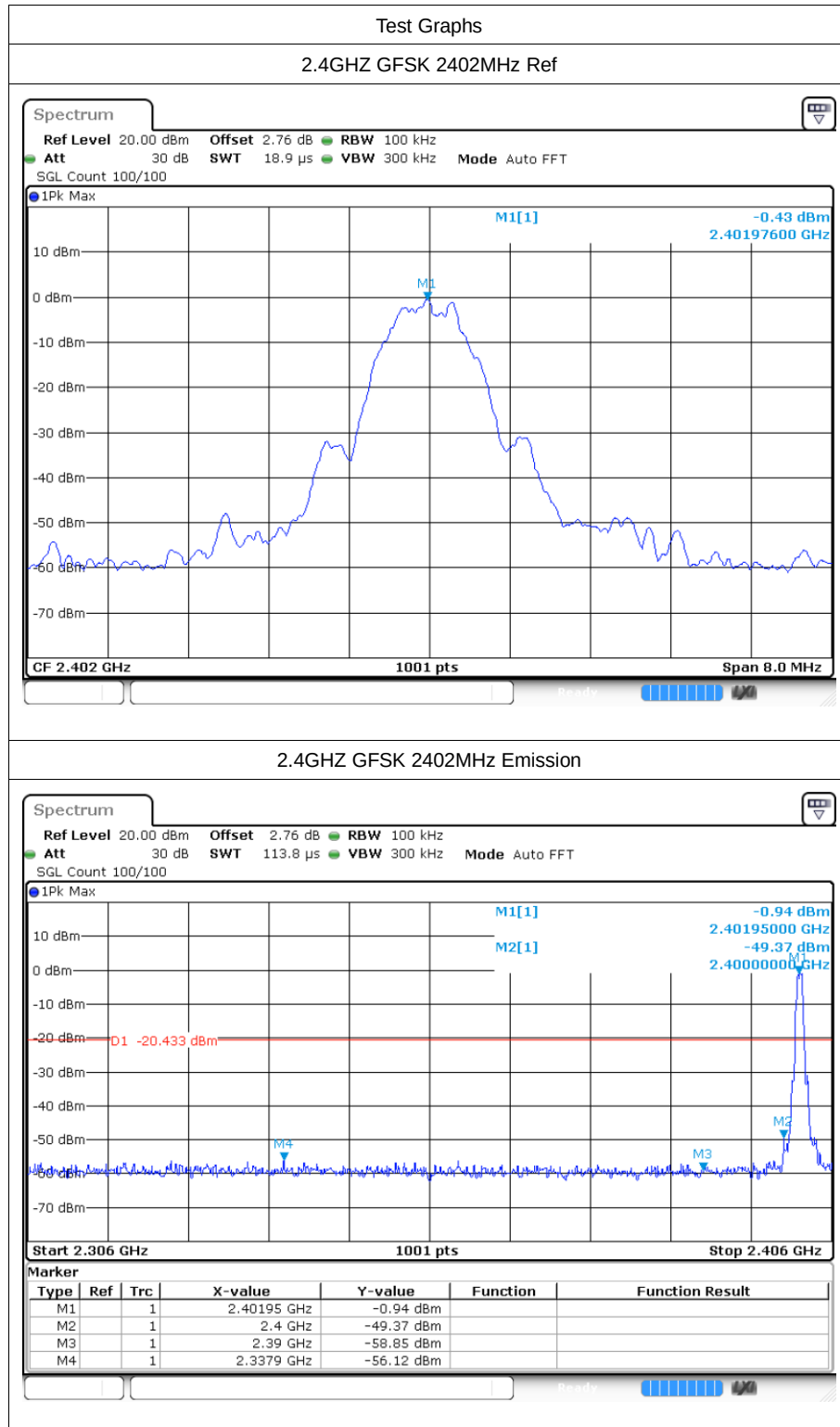


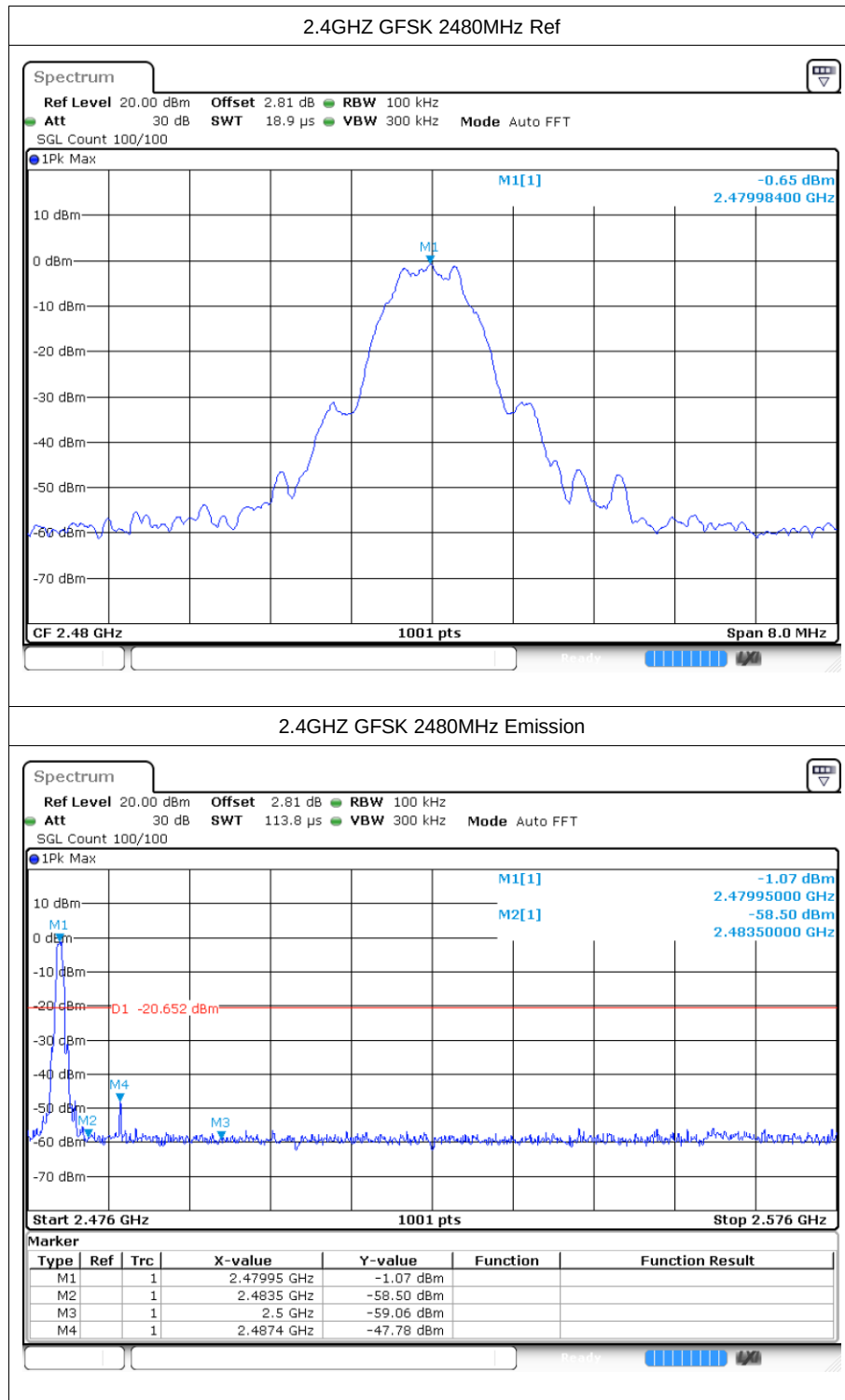
5 Band Edge

5.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
2.4GHZ GFSK	2402	-55.69	-20	Pass
2.4GHZ GFSK	2480	-47.13	-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	-43.17	-20	Pass
2.4GHZ GFSK	2440	-43.26	-20	Pass
2.4GHZ GFSK	2480	-42.5	-20	Pass

6.2 Test Graphs

