

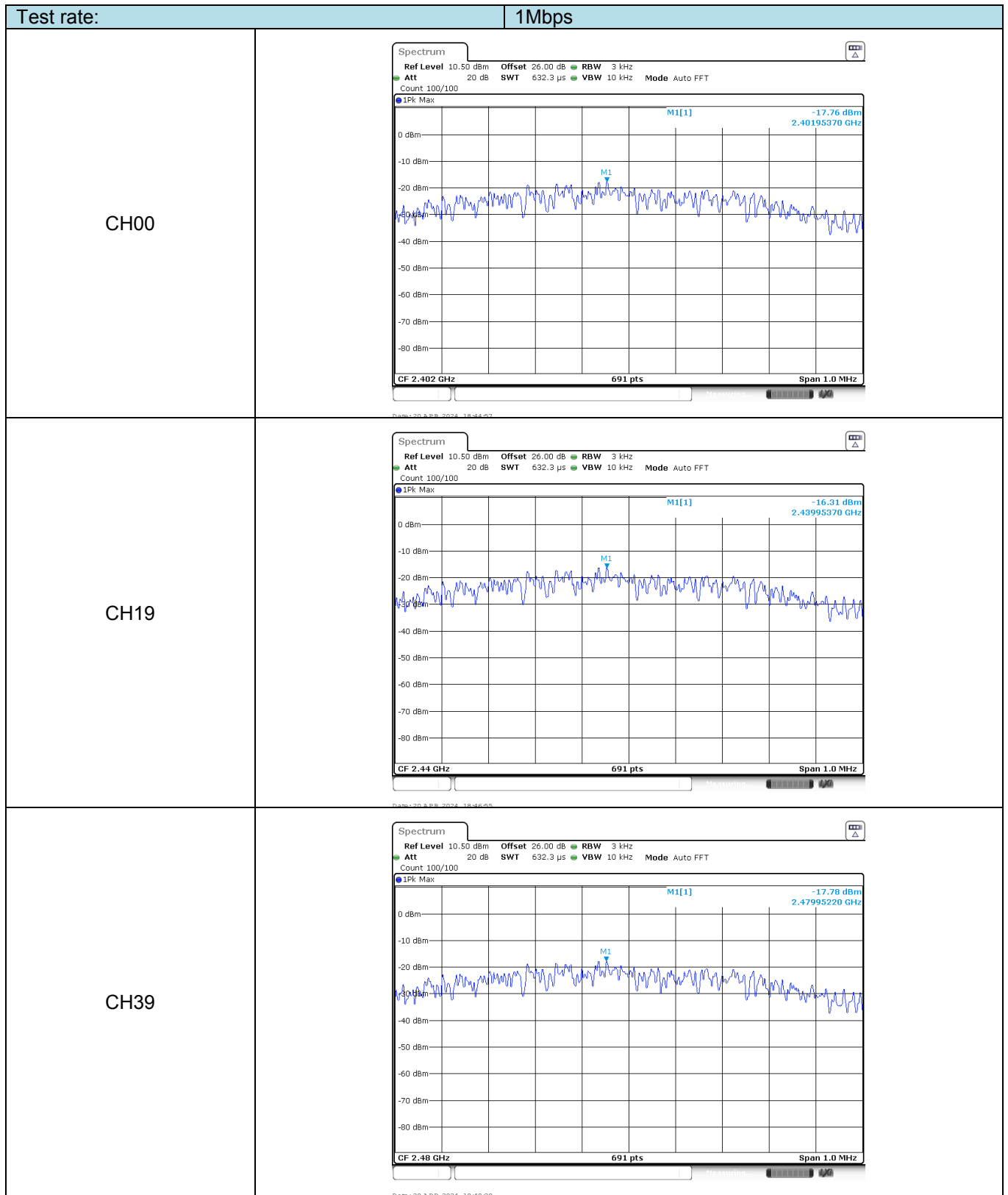
APPENDIX REPORT

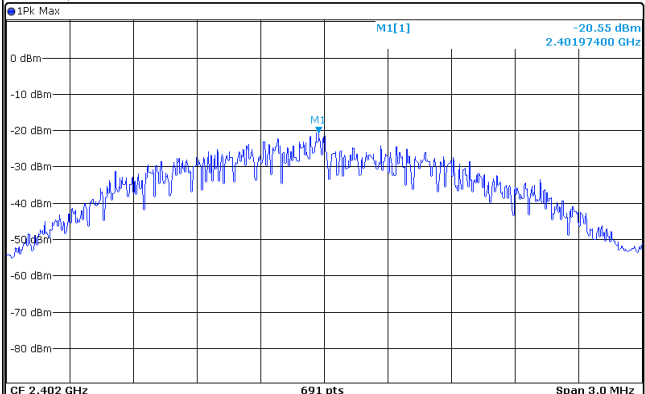
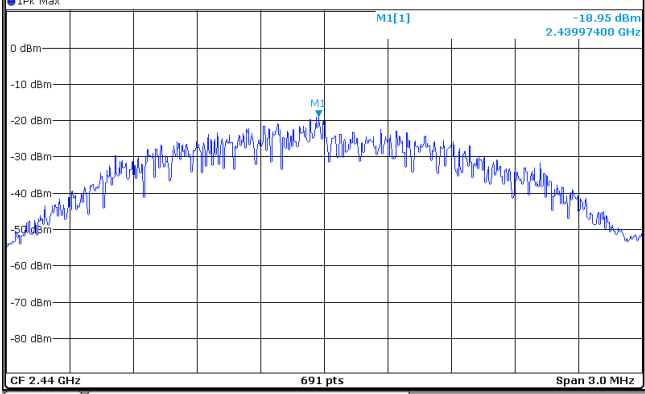
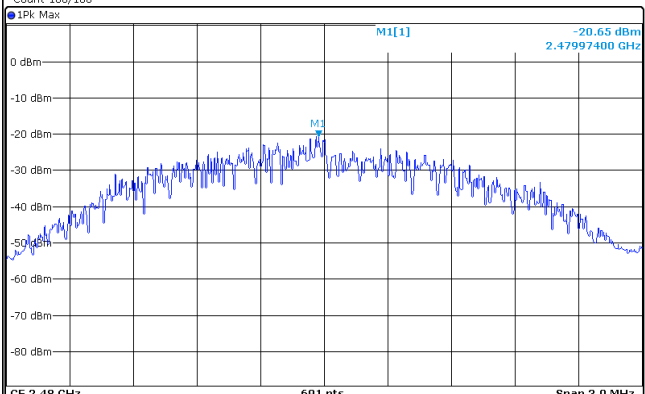
Project No.	SHT2403047207W	Radio Specification	Bluetooth BLE
Test sample No.	YPHT24030472001_01	Model No.	ABX00074
Start test date	2024-04-19	Finish date	2024-04-22
Temperature	24℃	Humidity	51%
Test Engineer	Xiangyu Wei	Auditor	Xiaodong Zheo

Appendix clause	Test item	Result
A	Power Spectral Density	PASS
B	6 dB Bandwidth	PASS
C	99% Occupied Bandwidth	PASS
D	Duty cycle	PASS
E	Band edge and Spurious Emissions (conducted)	PASS

Appendix A: Power Spectral Density

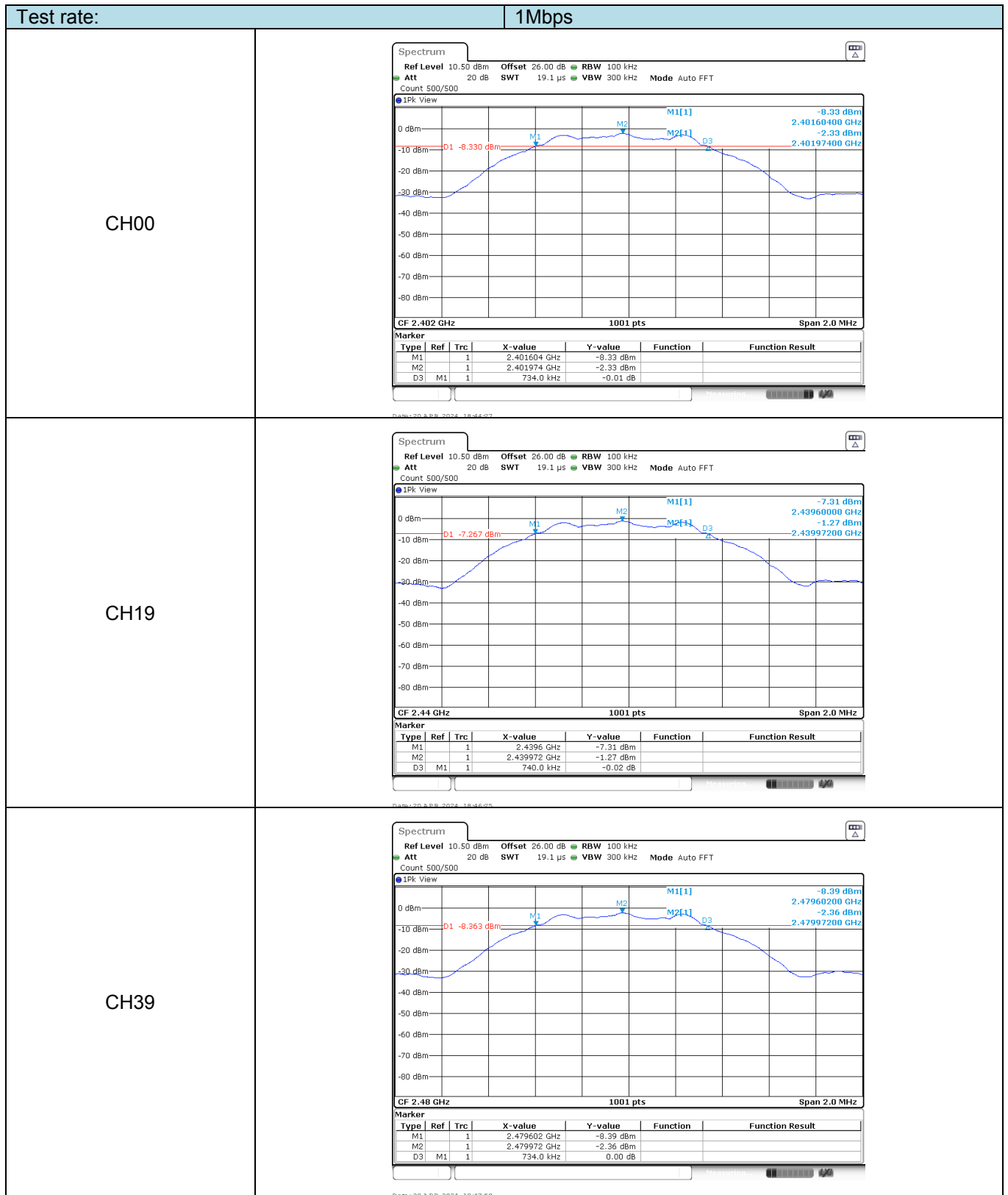
Test rate	Channel	Power Spectral Density(dBm/3KHz)	Limit (dBm/3KHz)	Result
1Mbps	00	-17.76	≤8.00	Pass
	19	-16.31		
	39	-17.78		
2Mbps	00	-20.55	≤8.00	Pass
	19	-18.95		
	39	-20.62		

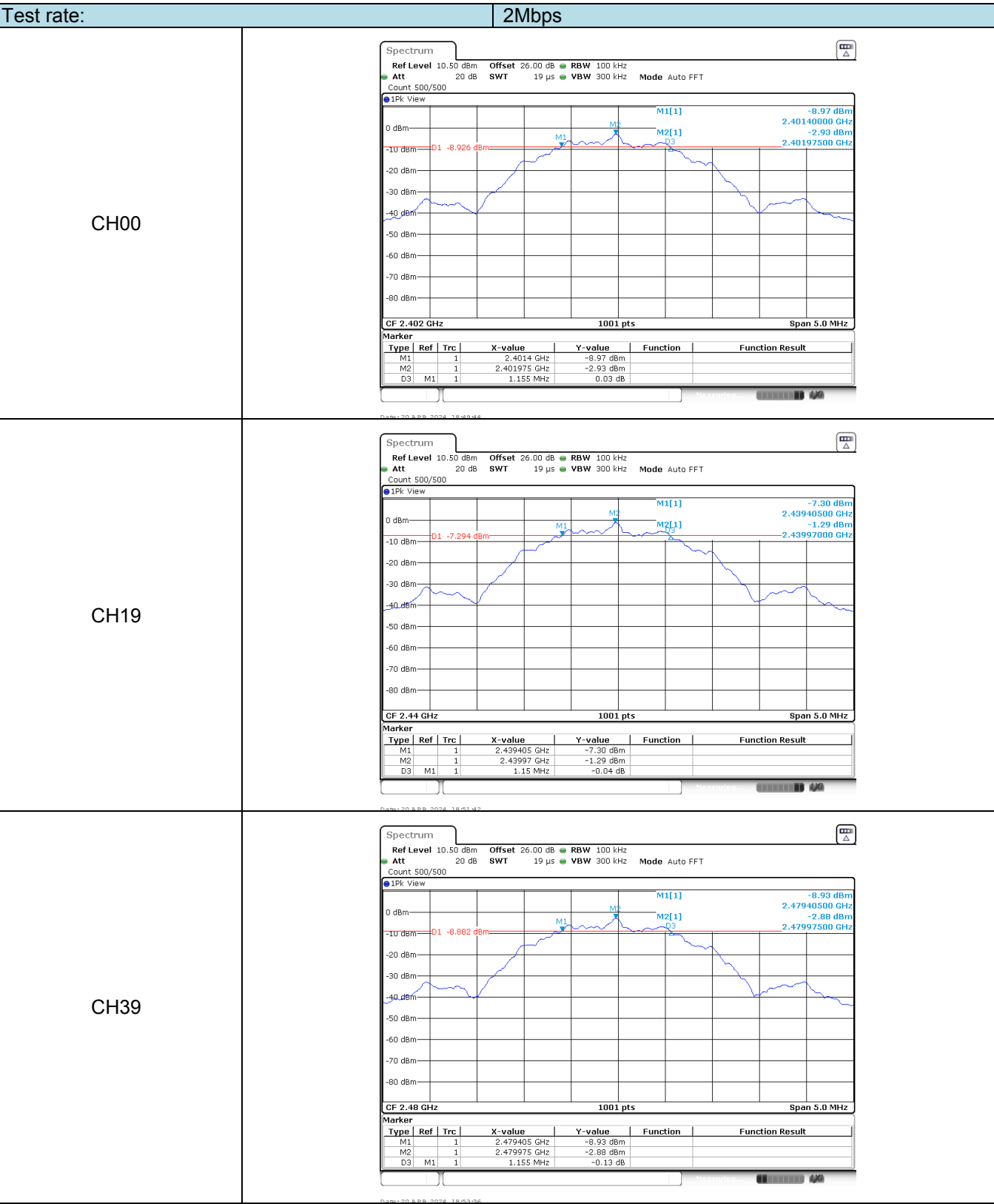


Test rate: 2Mbps	
CH00	Spectrum Ref Level 10.50 dBm Att 20 dB Count 100/100 Offset 26.00 dB SWT 632.1 μs RBW 3 kHz VBW 10 kHz Mode Auto FFT IPk Max M1[1] -20.55 dBm 2.40197400 GHz  CF 2.402 GHz 691 pts Span 3.0 MHz Date: 2023-08-23 18:50:15
CH19	Spectrum Ref Level 10.50 dBm Att 20 dB Count 100/100 Offset 26.00 dB SWT 632.1 μs RBW 3 kHz VBW 10 kHz Mode Auto FFT IPk Max M1[1] -19.95 dBm 2.43997400 GHz  CF 2.44 GHz 691 pts Span 3.0 MHz Date: 2023-08-23 18:50:17
CH39	Spectrum Ref Level 10.50 dBm Att 20 dB Count 100/100 Offset 26.00 dB SWT 632.1 μs RBW 3 kHz VBW 10 kHz Mode Auto FFT IPk Max M1[1] -20.65 dBm 2.47997400 GHz  CF 2.48 GHz 691 pts Span 3.0 MHz Date: 2023-08-23 18:54:06

Appendix C: 6dB bandwidth

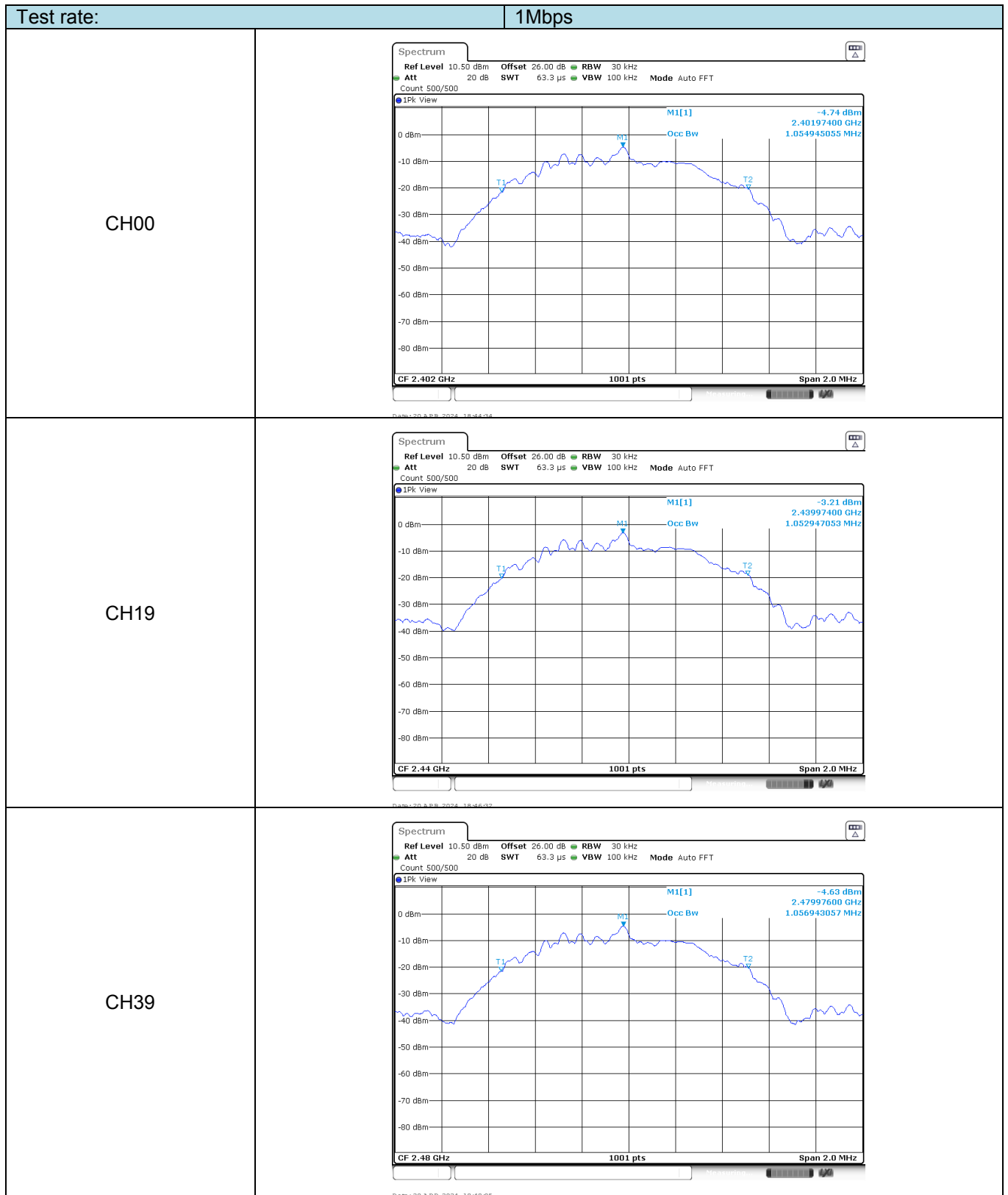
Type	Channel	6dB Bandwidth(kHz)	Limit (kHz)	Result
1Mbps	00	734.00	≥500	Pass
	19	740.00		
	39	734.00		
2Mbps	00	1155.00	≥500	Pass
	19	1150.00		
	39	1155.00		

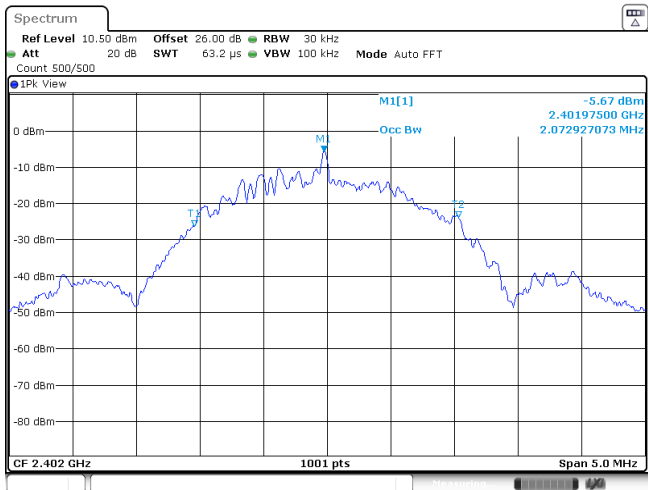
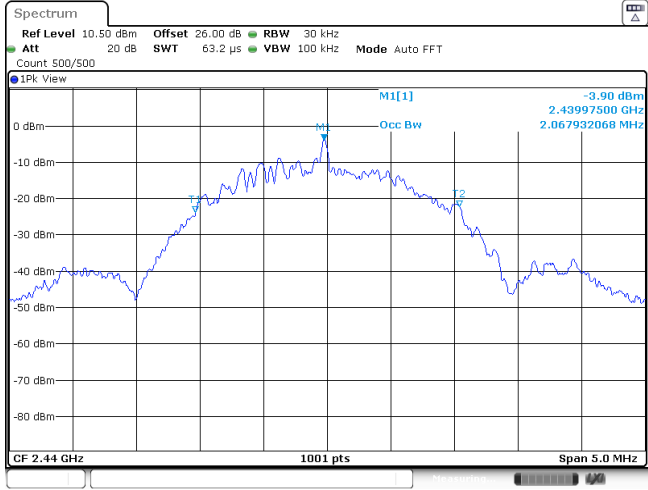
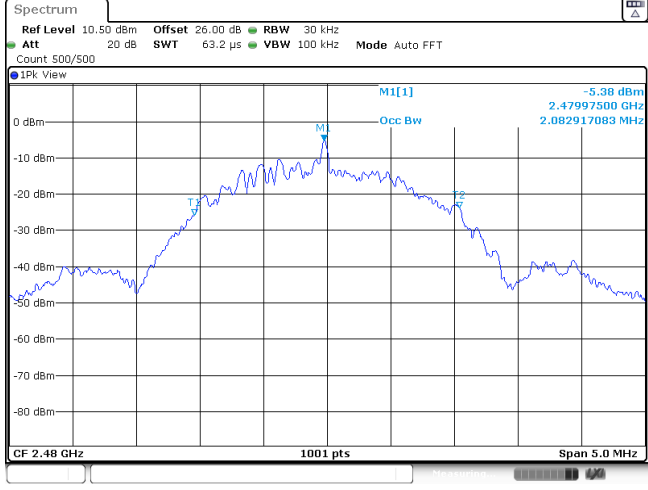




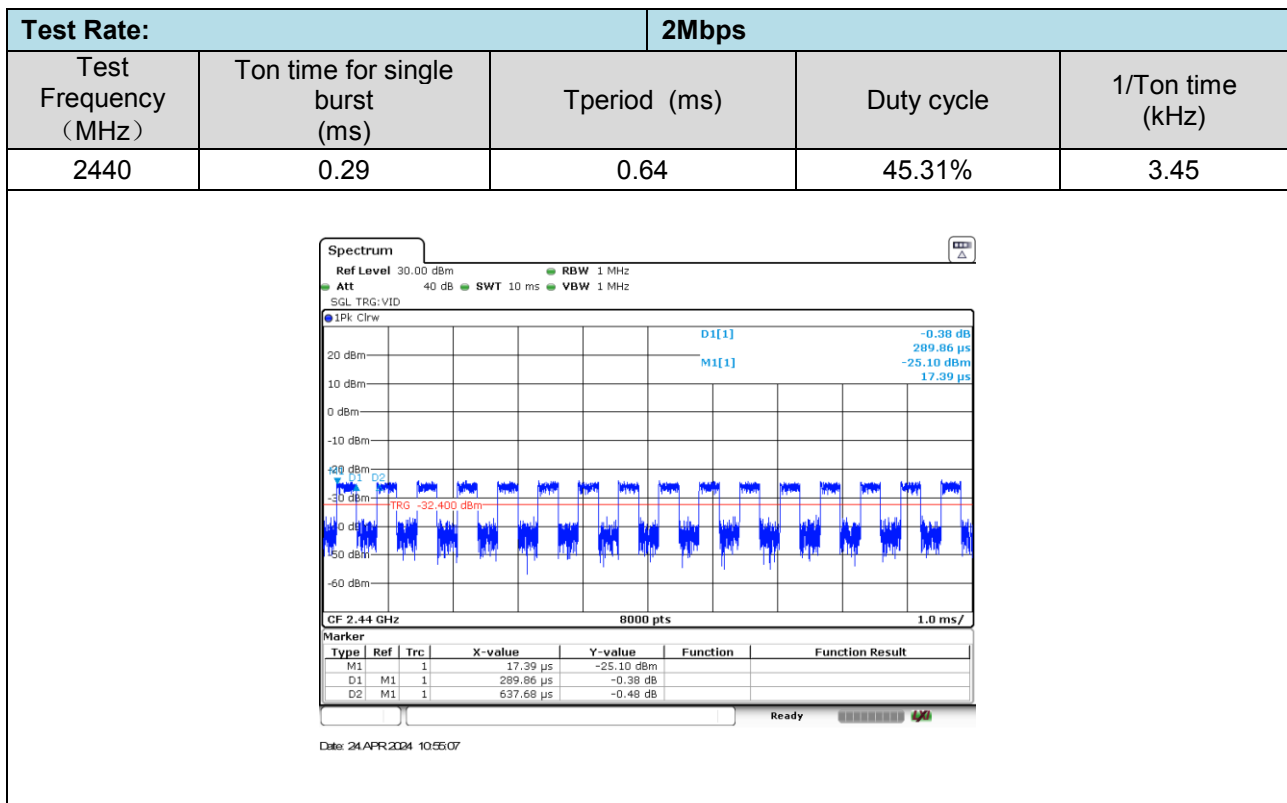
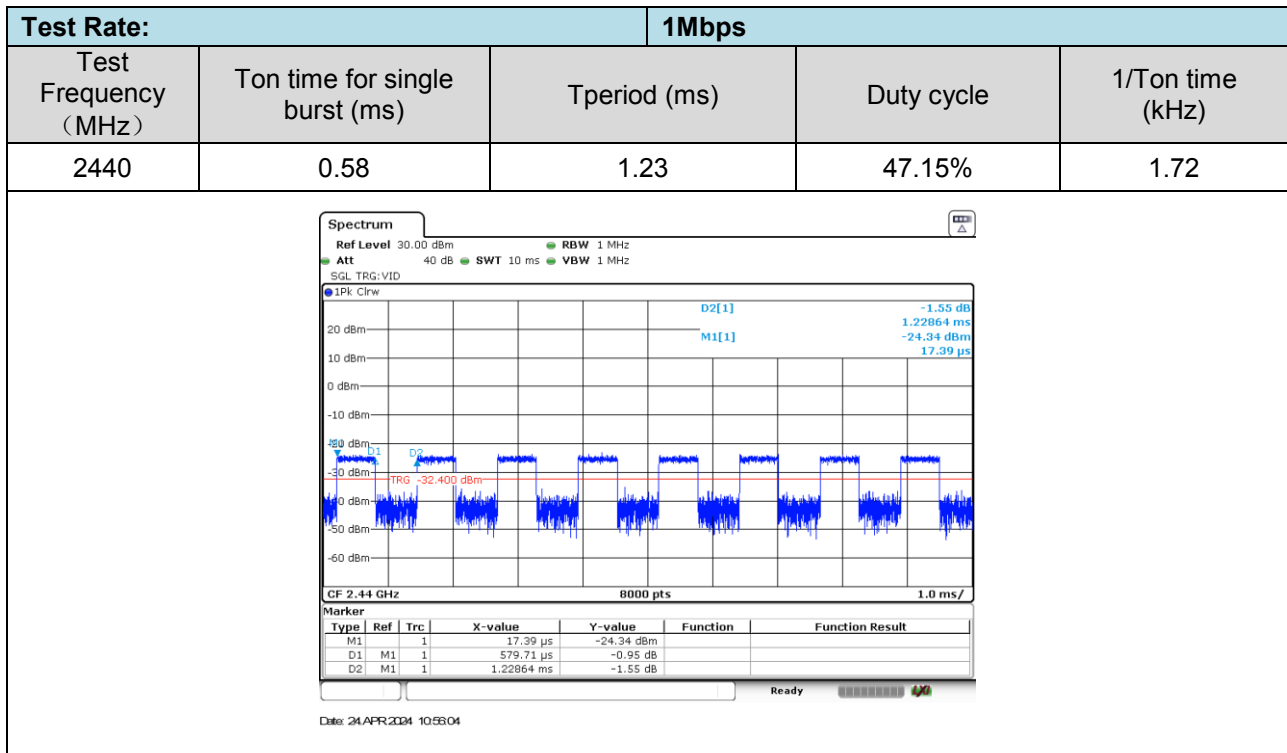
Appendix D: 99% Occupied Bandwidth

Test rate	Channel	99% Occupied Bandwidth(MHz)	Limit (kHz)	Result
1Mbps	00	1.06	-	Pass
	19	1.05		
	39	1.06		
2Mbps	00	2.07	-	Pass
	19	2.07		
	39	2.08		



Test rate: 2Mbps	
CH00	
CH19	
CH39	

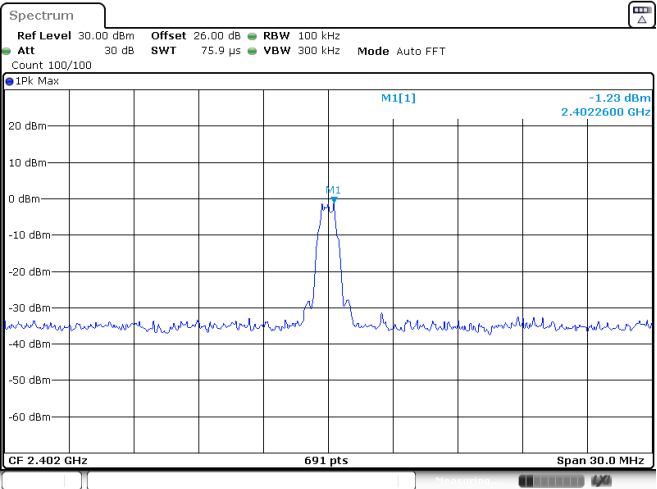
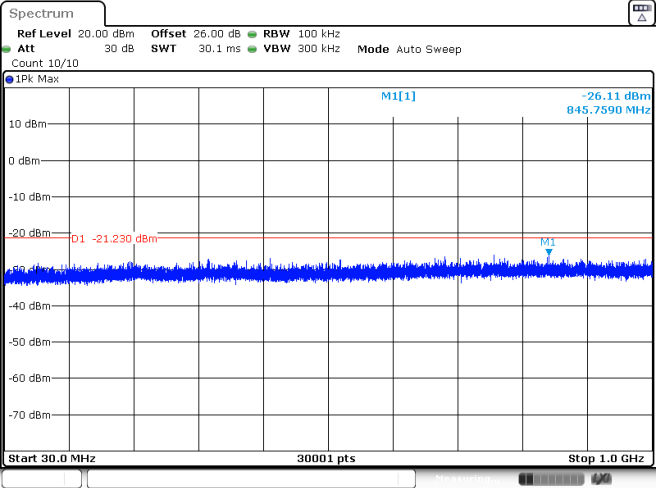
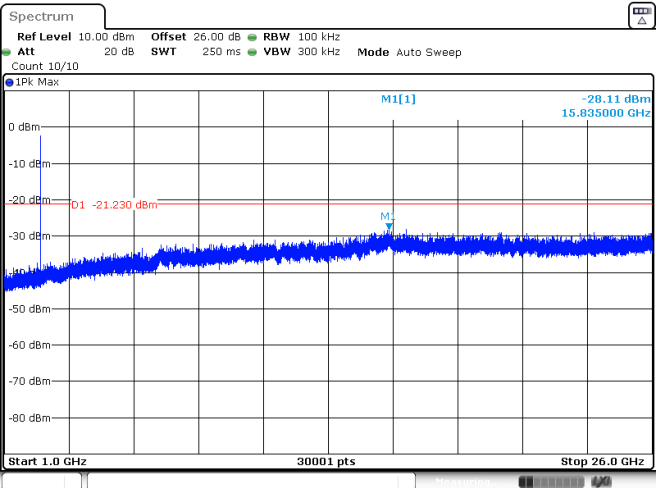
Appendix E: Duty cycle

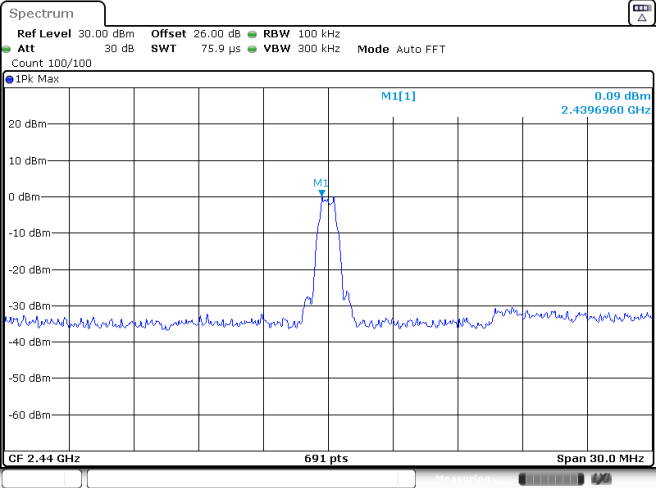
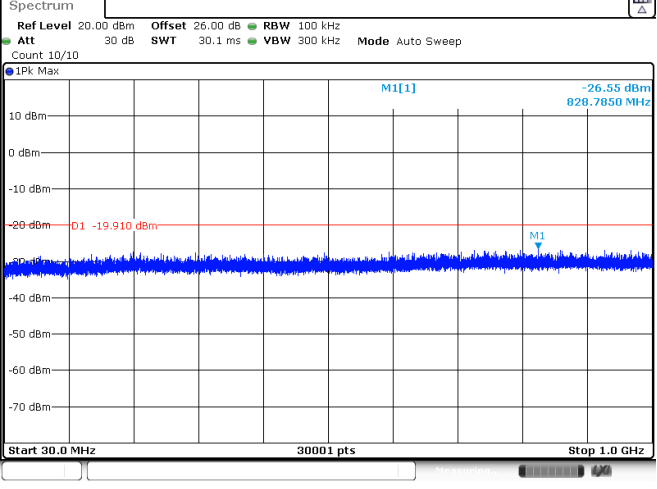
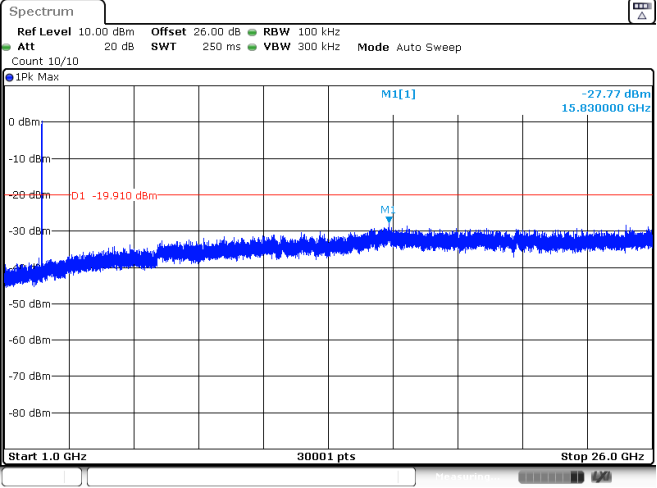


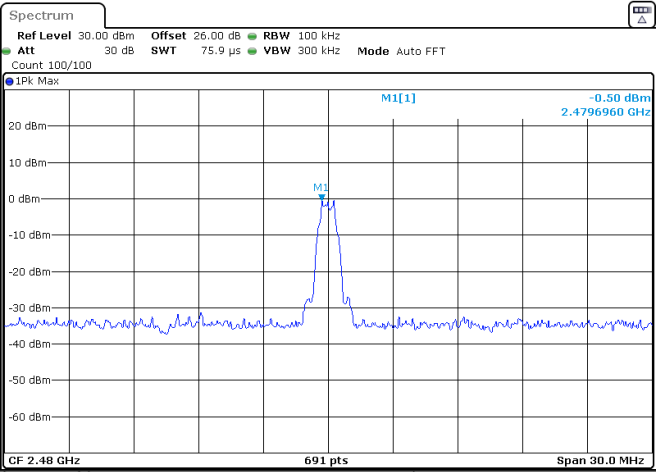
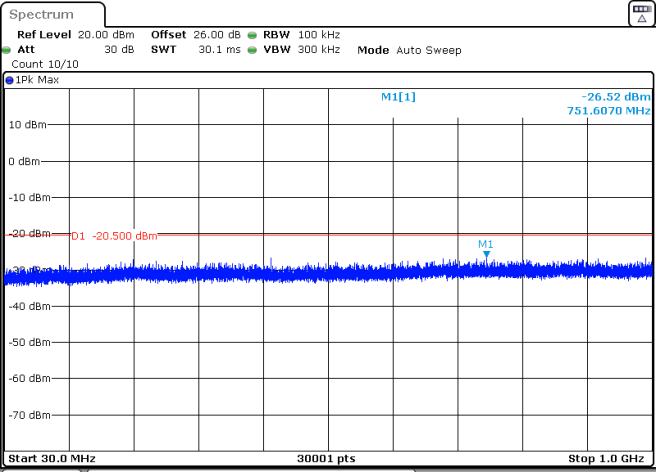
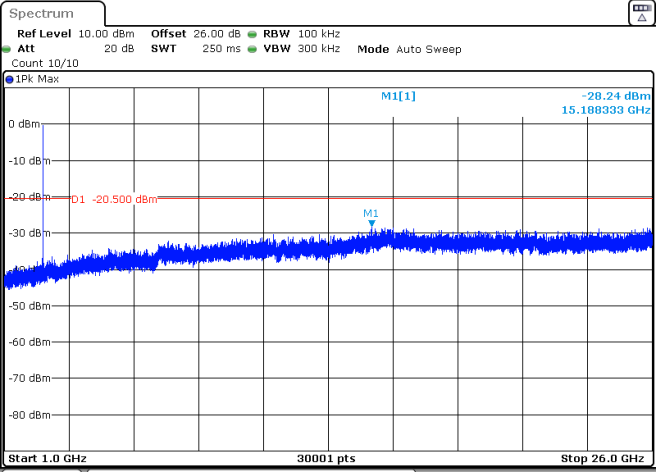
Appendix F: Band edge and Spurious Emissions (conducted)

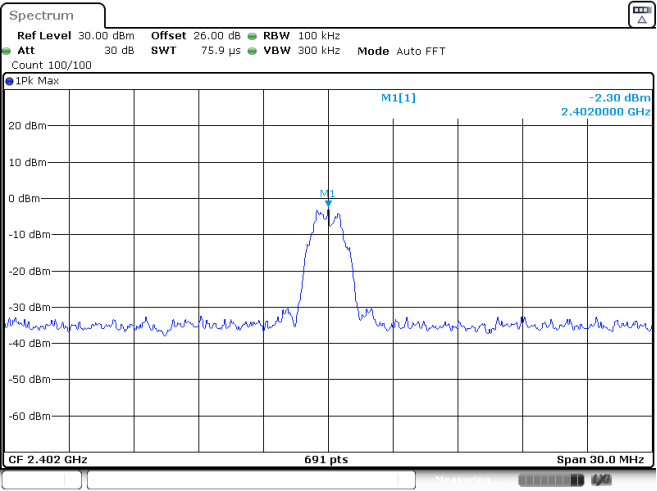
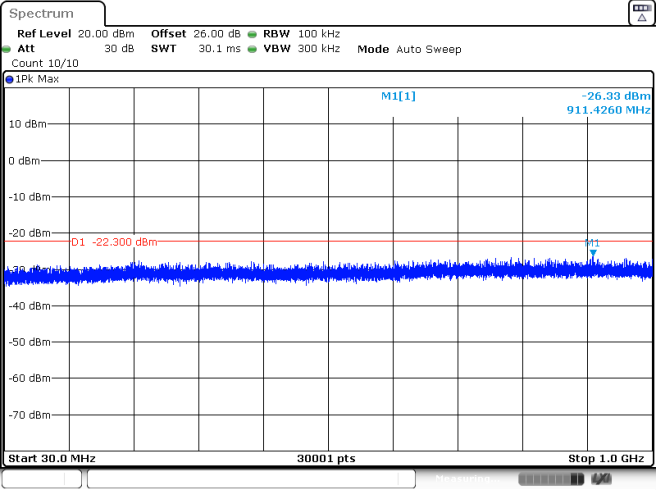
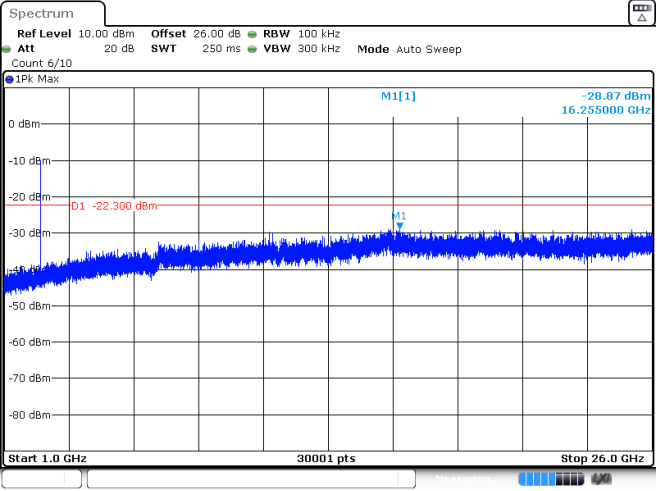
Test Item:	Band edge	Test Rate:	1Mbps																																										
CH00	Spectrum Ref Level 10.50 dBm Offset 26.00 dB RBW 100 kHz Att 20 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1Pk Max 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm M1[1] M2[1] D1 -22.780 dBm N15 M3 M5 -2.78 dBm 2.402040 GHz -39.23 dBm 2.400000 GHz Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.40204 GHz</td><td>-2.78 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-39.23 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-39.01 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-38.33 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.348413 GHz</td><td>-37.65 dBm</td><td></td><td></td></tr></table>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40204 GHz	-2.78 dBm			M2	1		2.4 GHz	-39.23 dBm			M3	1		2.39 GHz	-39.01 dBm			M4	1		2.31 GHz	-38.33 dBm			M5	1		2.348413 GHz	-37.65 dBm		
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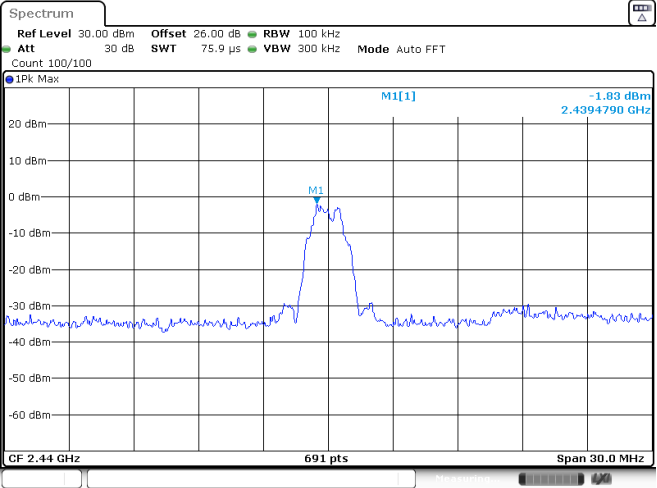
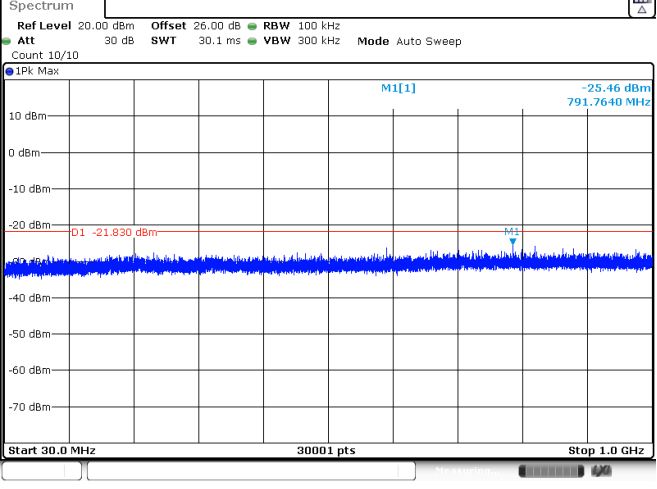
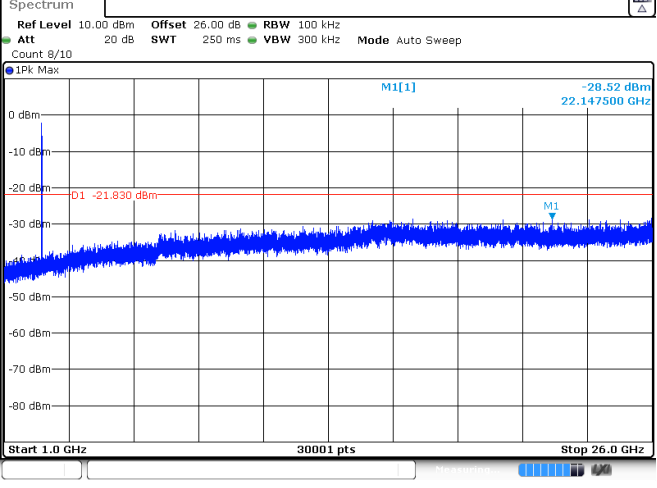
Test Item:	Band edge	Test Rate:	2Mbps																																										
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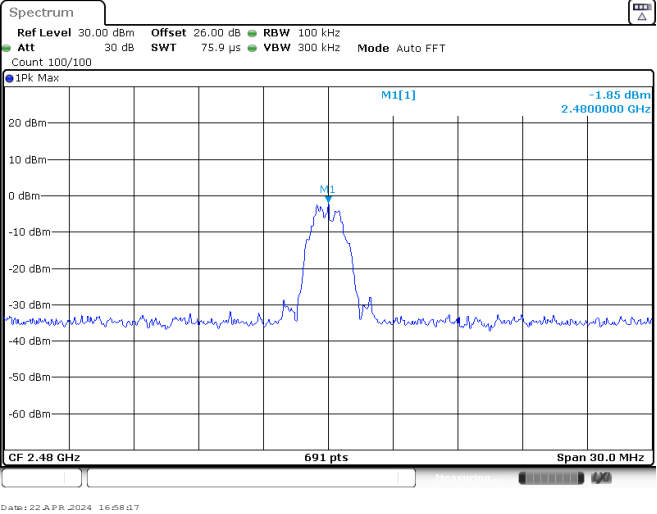
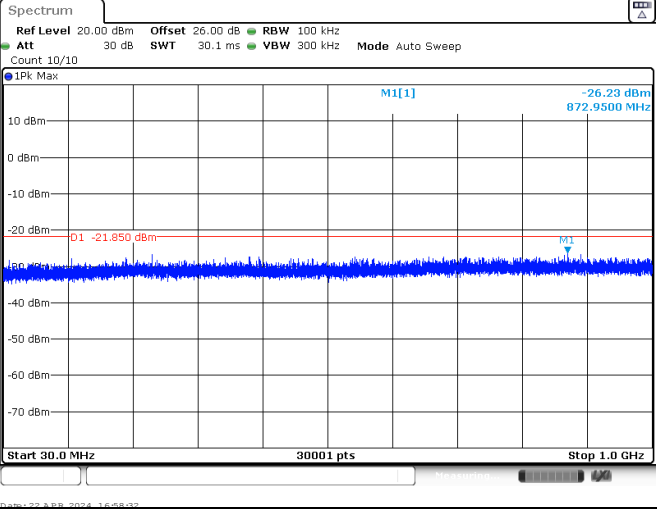
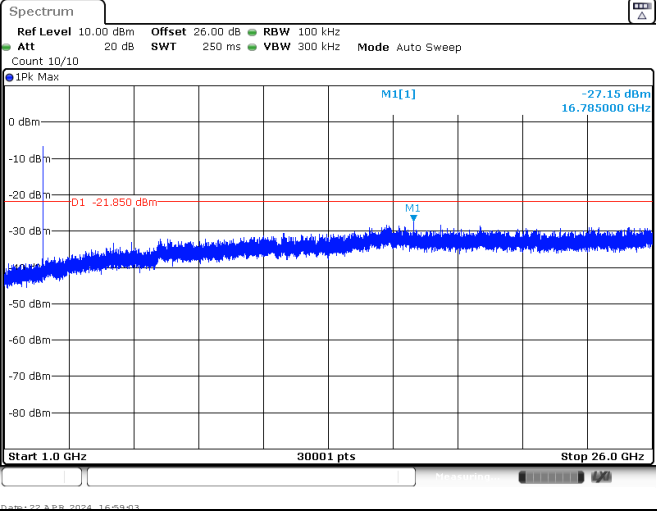
Test Item:	SE	Test Rate:	1Mbps
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

CH19 Reference level	 2024-22-APR-2024 16:53:42
CH19 30MHz~1000MHz	 2024-22-APR-2024 16:53:57
CH19 1GHz~26GHz	 2024-22-APR-2024 16:54:33

CH39 Reference level	
CH39 30MHz~1000MHz	
CH39 1GHz~26GHz	

Test Item:	SE	Test Rate:	2Mbps
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

CH19 Reference level	 Spectrum Ref Level 30.00 dBm Offset 26.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 1Pk Max M1[1] -1.83 dBm 2.4394790 GHz CF 2.44 GHz 691 pts Span 30.0 MHz Date: 22 APR 2024 16:57:32
CH19 30MHz~1000MHz	 Spectrum Ref Level 20.00 dBm Offset 26.00 dB RBW 100 kHz Att 30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1Pk Max M1[1] -25.46 dBm 791.7640 MHz Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 22 APR 2024 16:57:37
CH19 1GHz~26GHz	 Spectrum Ref Level 10.00 dBm Offset 26.00 dB RBW 100 kHz Att 20 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep Count 8/10 1Pk Max M1[1] -28.52 dBm 22.147500 GHz Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 22 APR 2024 16:57:44

CH39 Reference level	
CH39 30MHz~1000MHz	
CH39 1GHz~26GHz	

-----End of Report-----