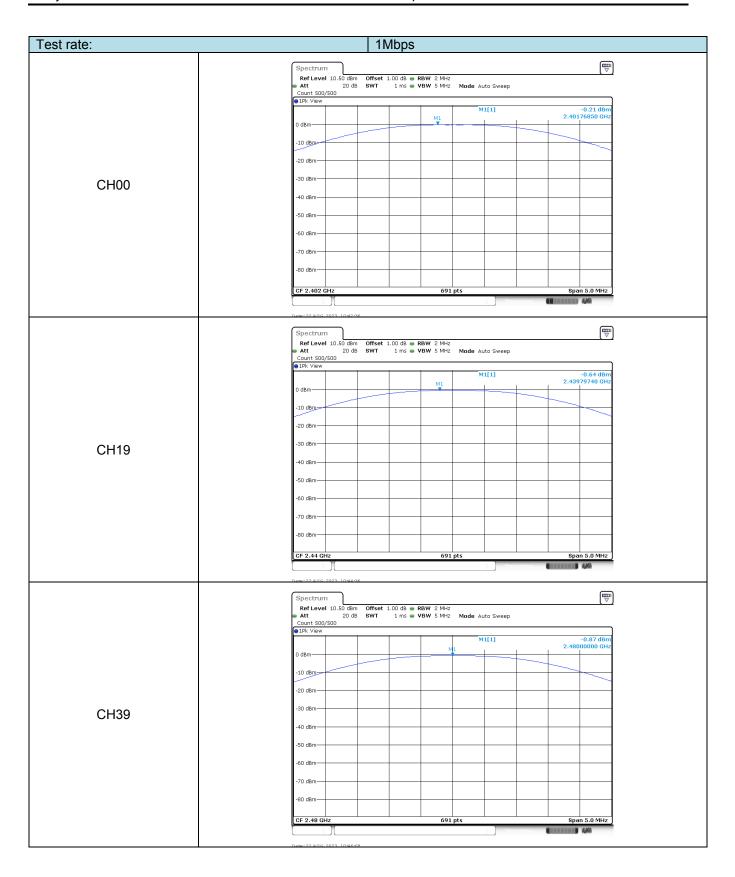
APPENDIX REPORT

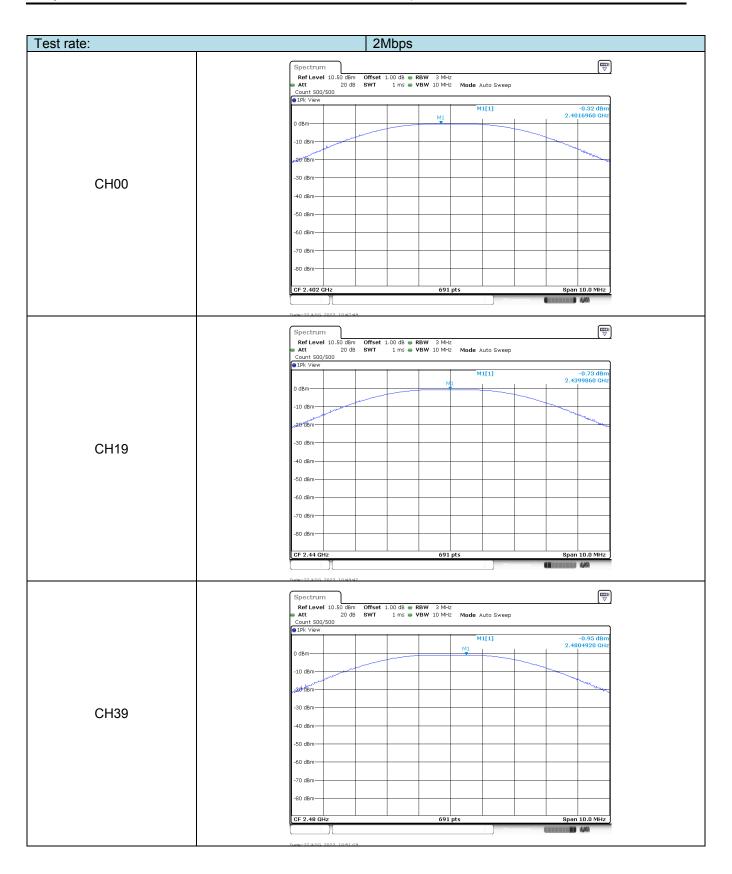
Project No.	SHT2306098005EW	Radio Specification	Bluetooth BLE
Test sample No.	YPHT23060980002	Model No.	iQ2100-3
Start test date	2023-08-22	Finish date	2023-08-22
Temperature	24.4℃	Humidity	48%
Test Engineer	Kongyongshu	Auditor	Xiaodong Zheo

Appendix clause	Test item	Result
А	Peak Output Power	PASS
В	Power Spectral Density	PASS
С	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty cycle	PASS
F	Band edge and Spurious Emissions (conducted)	PASS

Appendix A: Peak Output Power

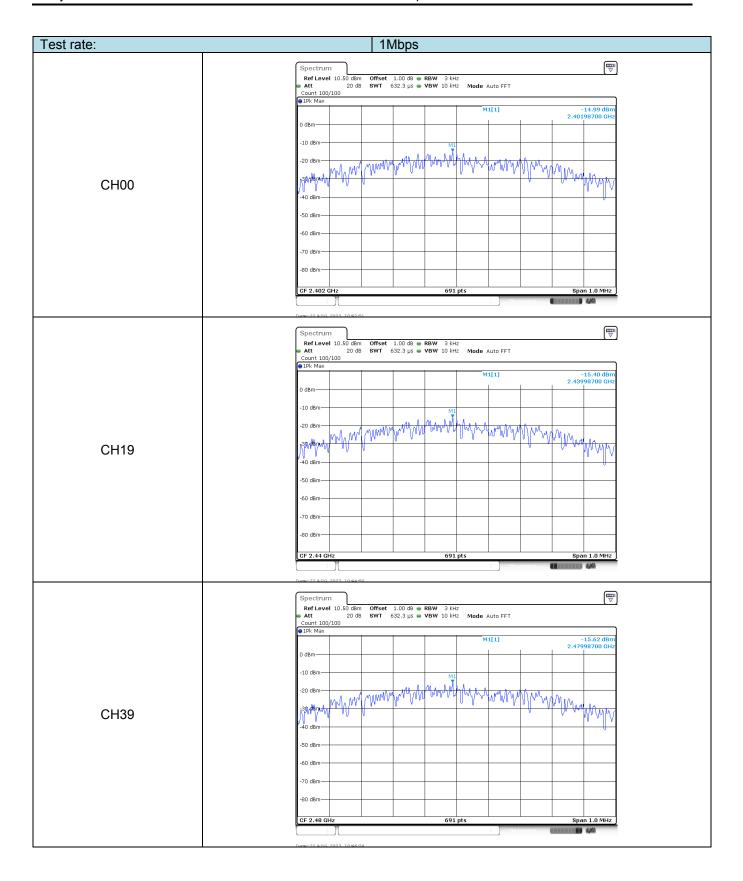
Test rate	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
	00	-0.21	-0.32		
1Mbps	19	-0.64	-0.75	≤ 30.00	Pass
	39	-0.87	-0.98		
	00	-0.32	-0.47		
2Mbps	19	-0.73	-0.86	≤ 30.00	Pass
	39	-0.95	-1.01		

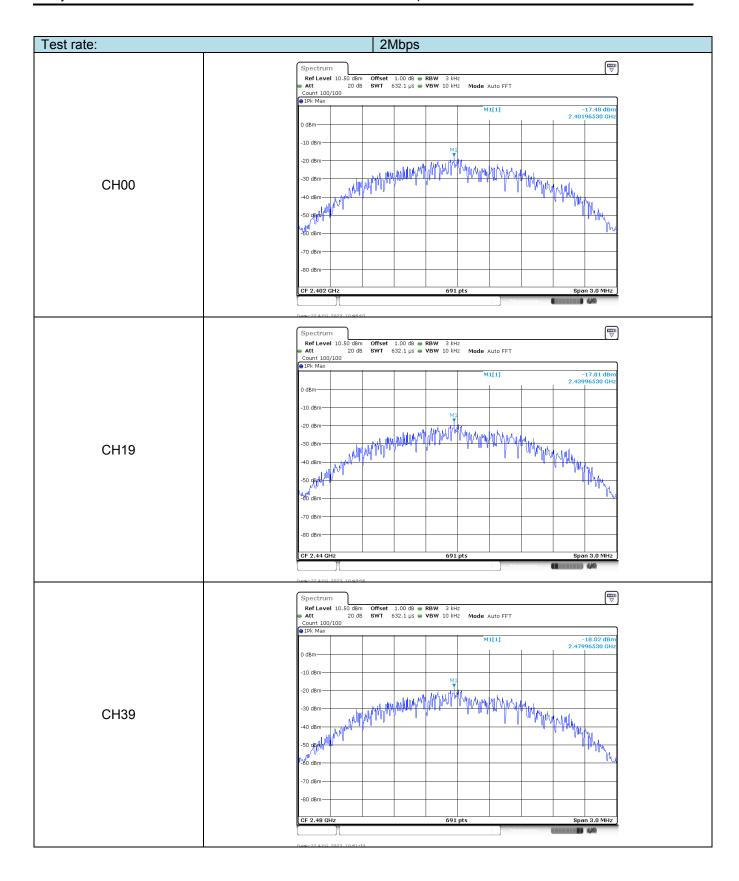




Appendix B: Power Spectral Density

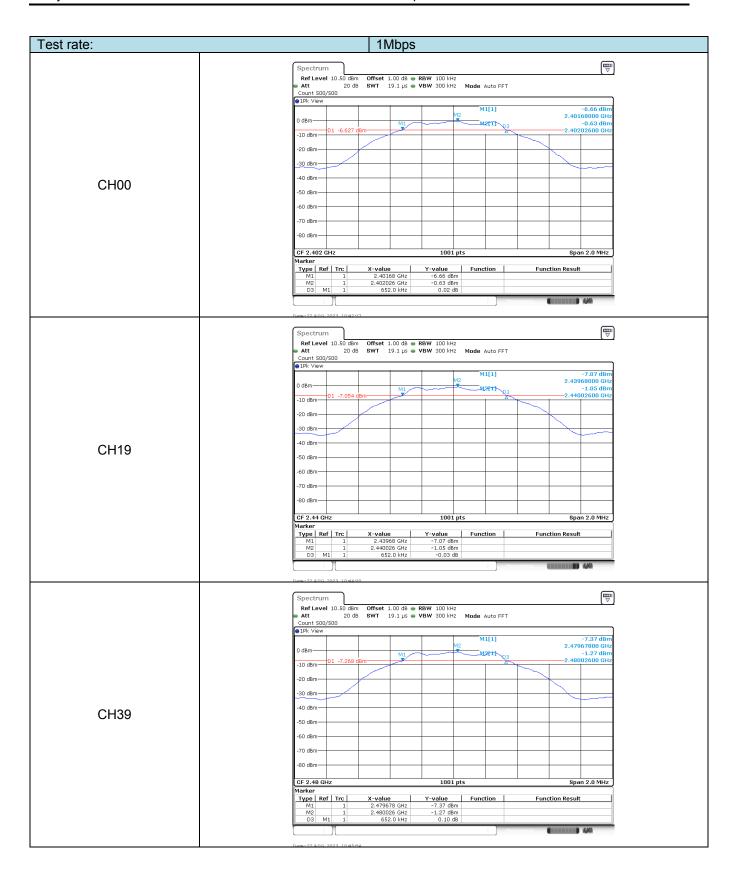
Test rate	Channel	Power Spectral Density(dBm/3KHz)	Limit (dBm/3KHz)	Result
	00	-14.99		
1Mbps	19	-15.40	≤8.00	Pass
	39	-15.62		
	00	-17.48		
2Mbps	19	-17.81	≤8.00	Pass
	39	-18.02		

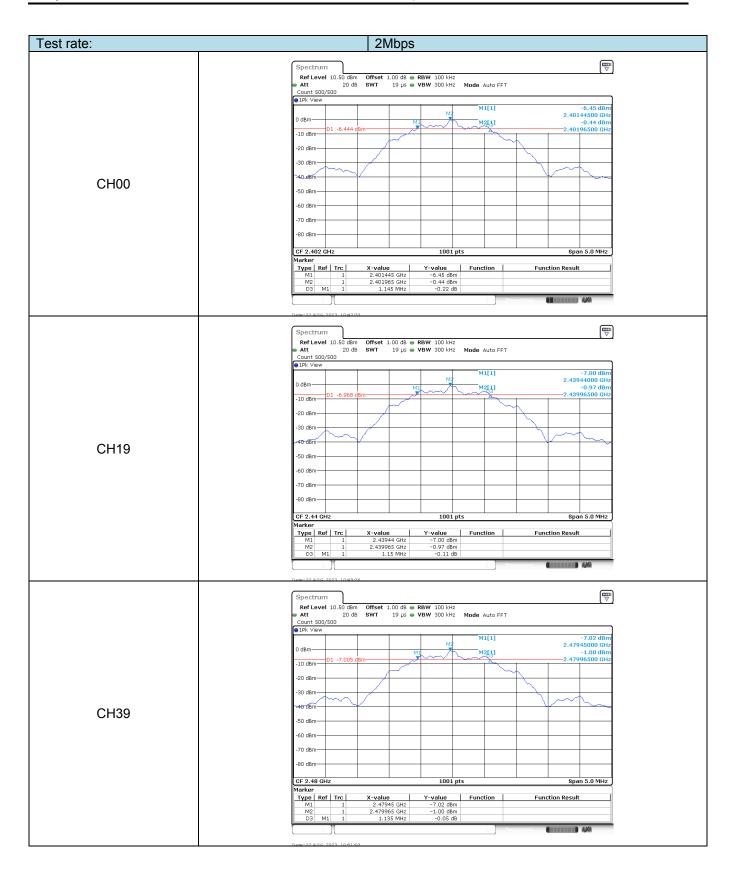




Appendix C: 6dB bandwidth

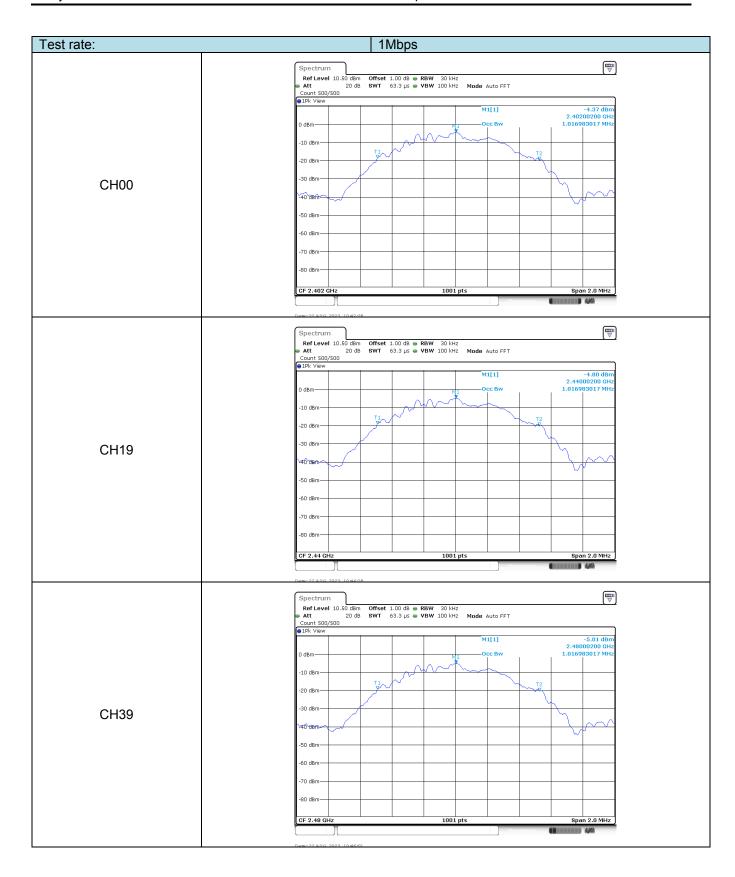
Туре	Channel	6dB Bandwidth(kHz)	Limit (kHz)	Result
	00	652.00		
1Mbps	19	652.00	≥500	Pass
	39	652.00		
	00	1145.00		
2Mbps	19	1150.00	≥500	Pass
	39	1135.00		





Appendix D: 99% Occupied Bandwidth

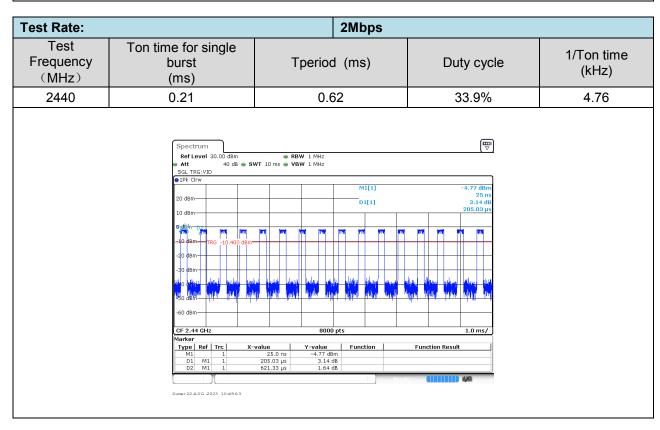
Test rate	Channel	99% Occupied Bandwidth(MHz)	Limit (kHz)	Result
	00	1.02		
1Mbps	19	1.02	-	Pass
	39	1.02		
	00	2.03		
2Mbps	19	2.03	-	Pass
	39	2.03		





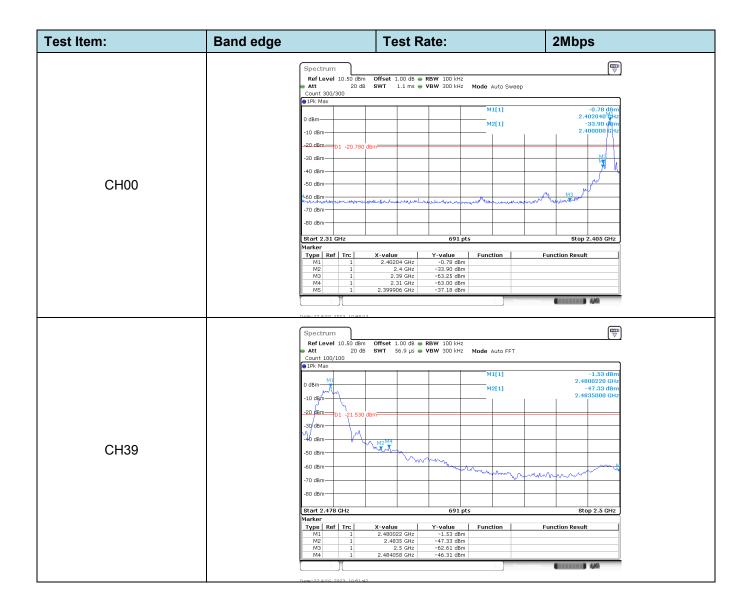
Appendix E: Duty cycle

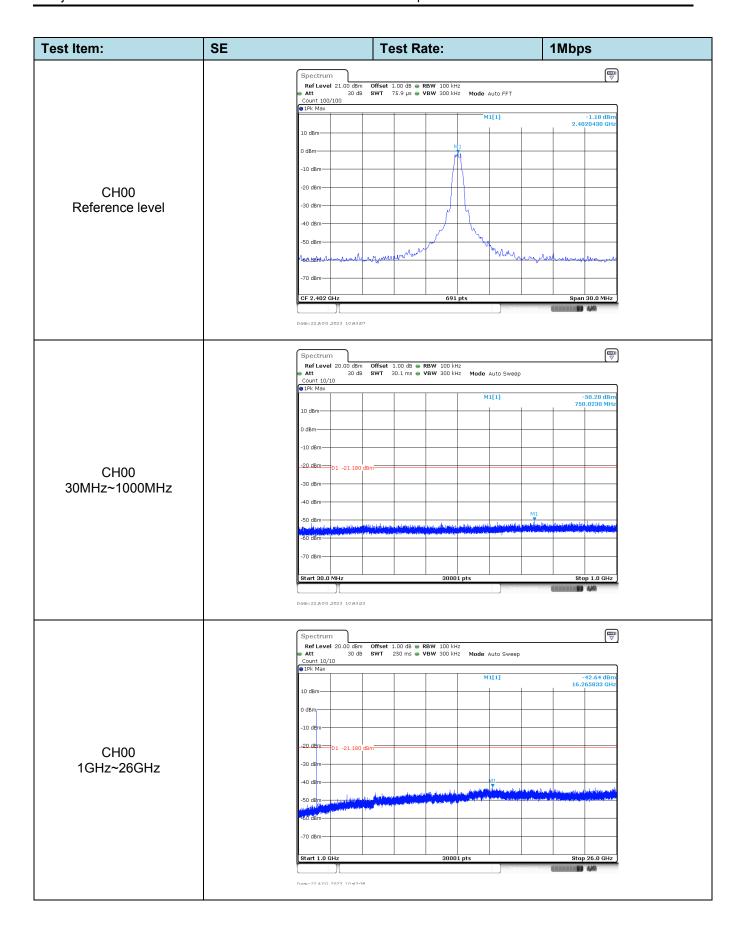
Test Rate:			1Mbps		
Test Frequency (MHz)	Ton time for single burst (ms)	Tperiod	(ms)	Duty cycle	1/Ton time (kHz)
2440	0.39	0.62		62.9%	2.56
	SGL TRG: VID	■ RBW 1 MHz WT 10 ms ■ VBW 1 MHz WT 10 ms ■ VBW 1 MHz 9800 p Value 25.0 ns	Function	-4.68 dBm -25 ns -3.17 dB -388.80 µs 1.0 ms/ Function Result	

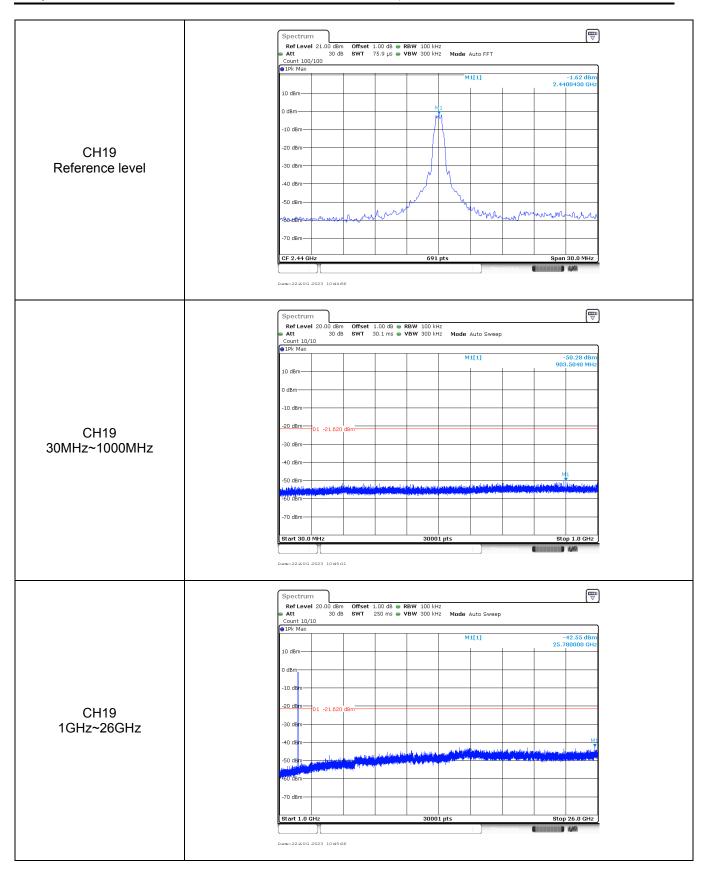


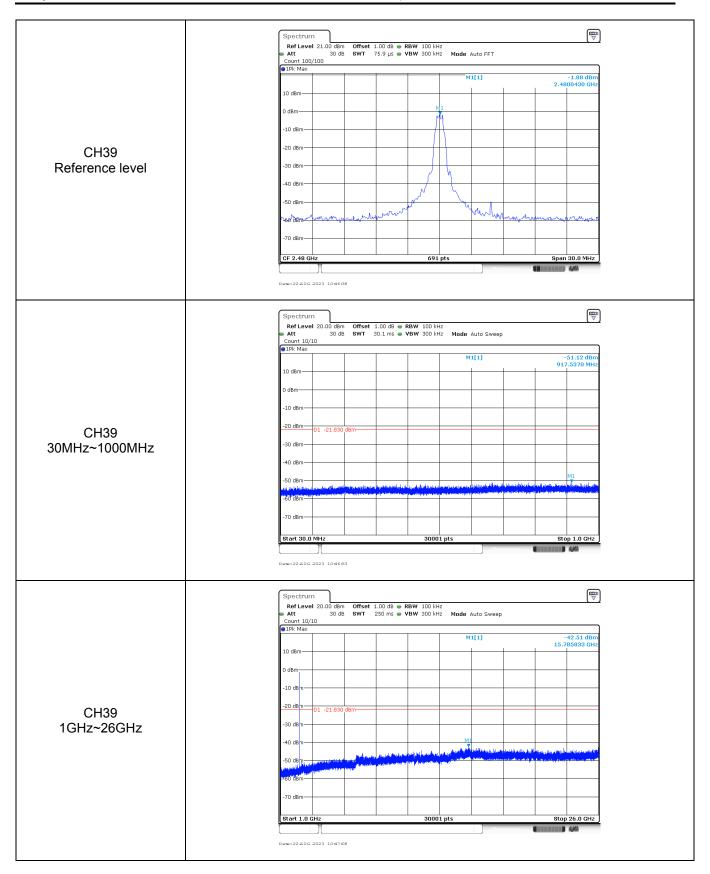
Appendix F: Band edge and Spurious Emissions (conducted)

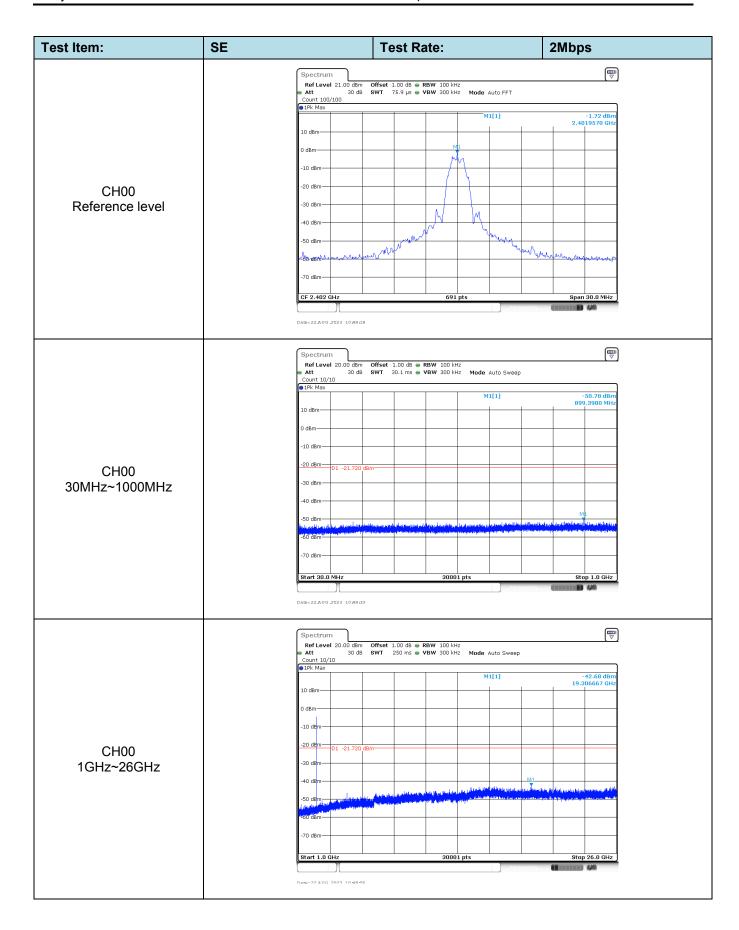


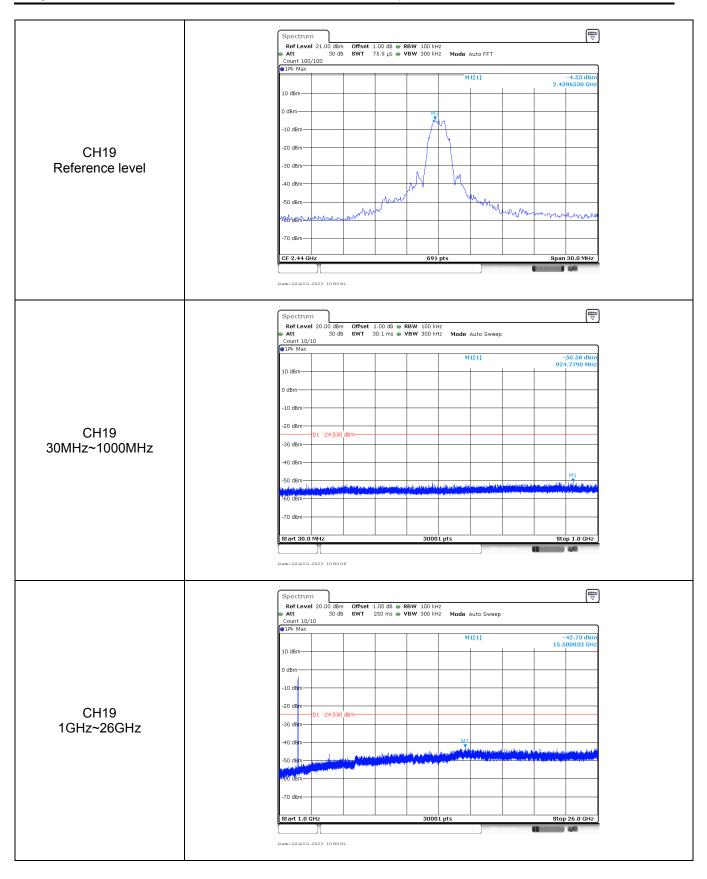


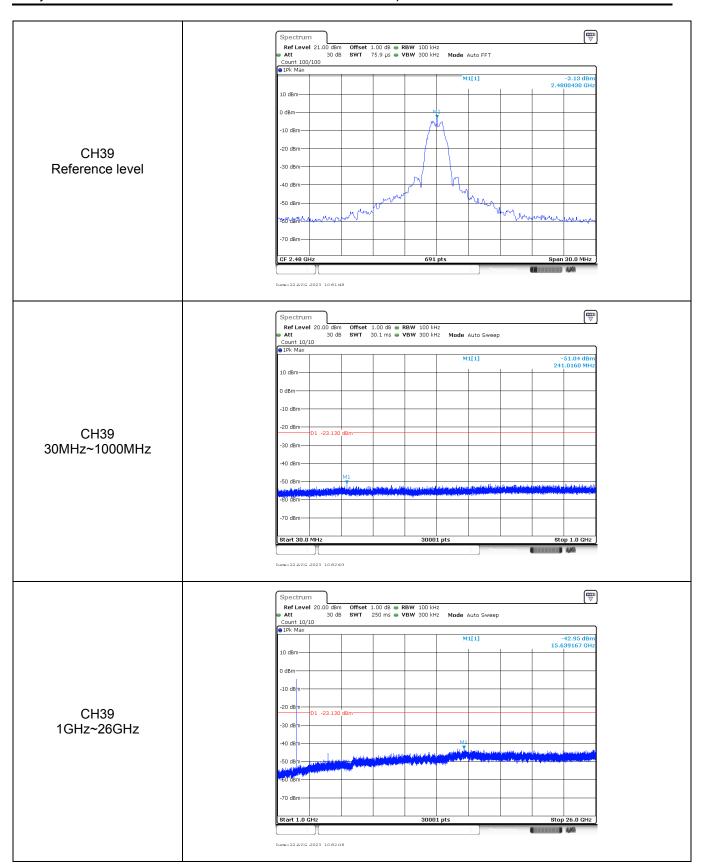












-----End of Report-----