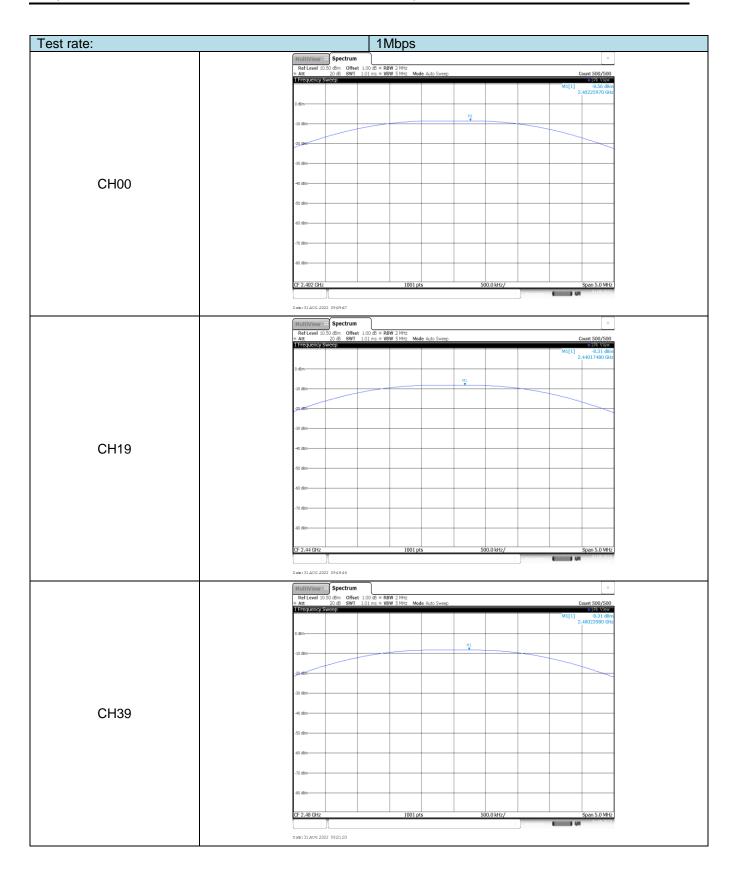
# **APPENDIX REPORT**

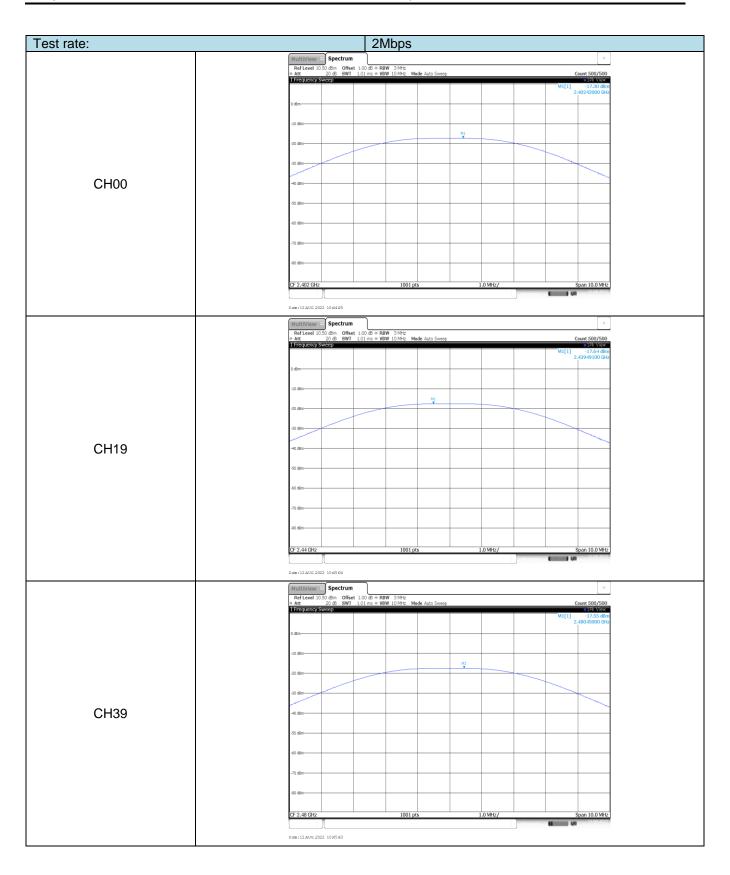
Project No.	SHT2207027201EW	Radio Specification	Bluetooth BLE
Test sample No.	YPHT22070272002	Model No.	D2112-KJX01
Start test date	2022-08-12	Finish date	2022-08-31
Temperature	25.3℃	Humidity	38%
Test Engineer	Xiaoxiao Li	Auditor	Xiaodong Zheo

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
Е	Duty cycle	PASS
F	Band edge and Spurious Emissions (conducted)	PASS

# Appendix A: Peak Output Power

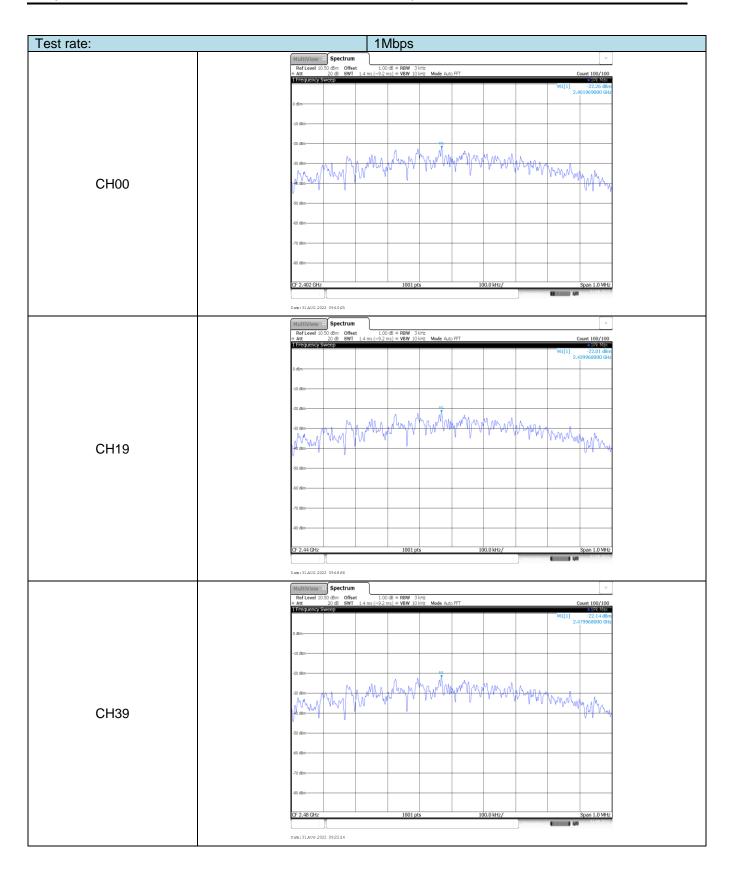
Test rate	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
	00	-8.56	-8.60		
1Mbps	19	-8.31	-8.33	≤ 30.00	Pass
	39	-8.31	-8.34		
	00	-17.30	-17.35		
2Mbps	19	-17.64	-17.69	≤ 30.00	Pass
	39	-17.55	-17.59		

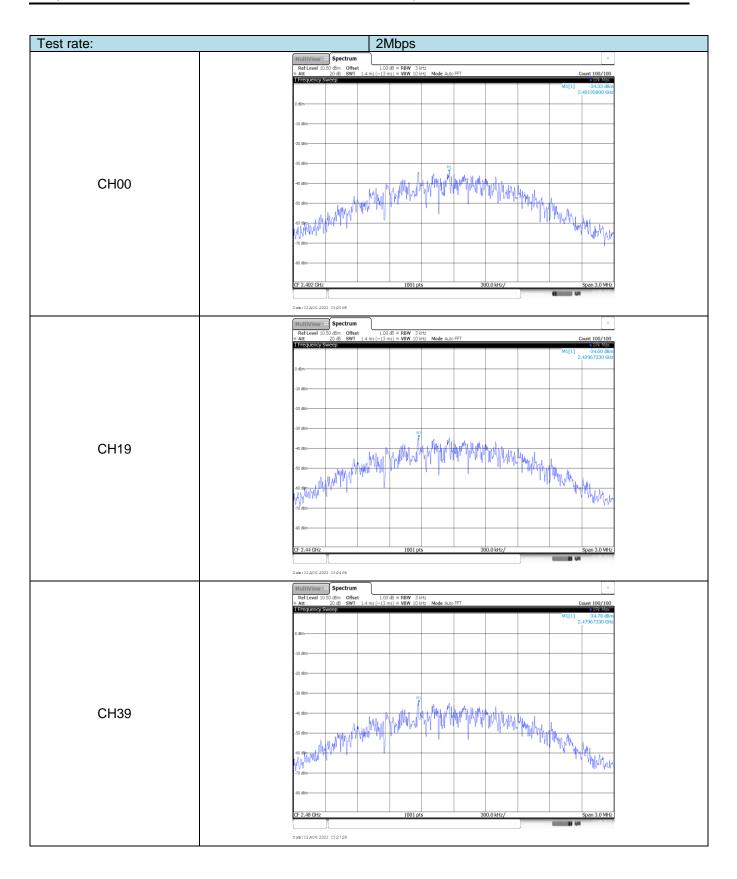




## **Appendix B: Power Spectral Density**

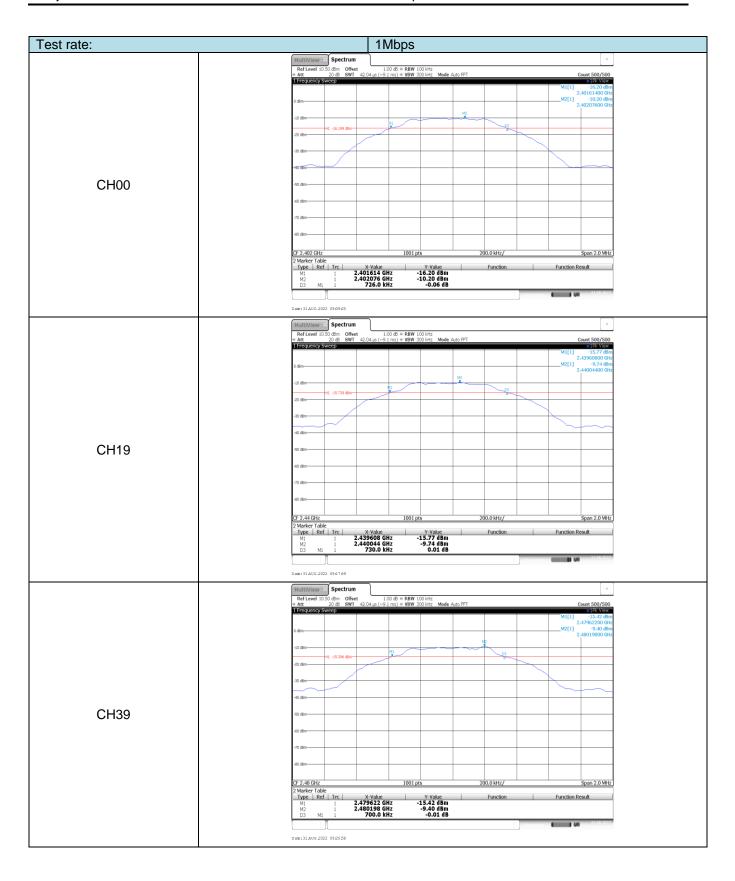
Test rate	Channel	Power Spectral Density(dBm/3KHz)	Limit (dBm/3KHz)	Result
	00	-22.26		
1Mbps	19	-22.01	≤8.00	Pass
	39	-22.14		
	00	-34.33		
2Mbps	19	-34.60	≤8.00	Pass
	39	-34.78		

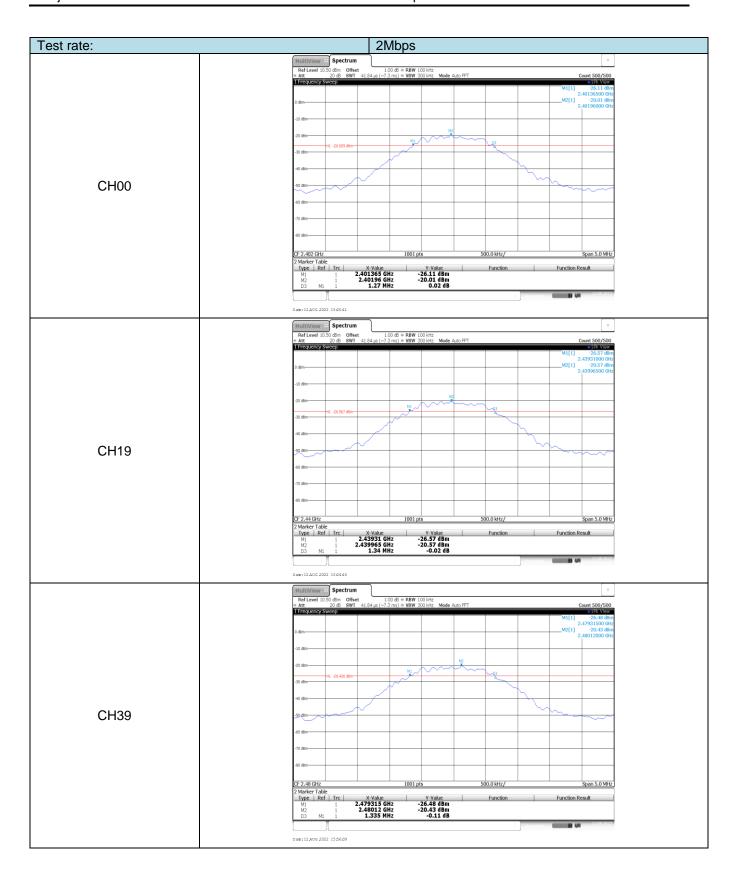




# Appendix C: 6dB bandwidth

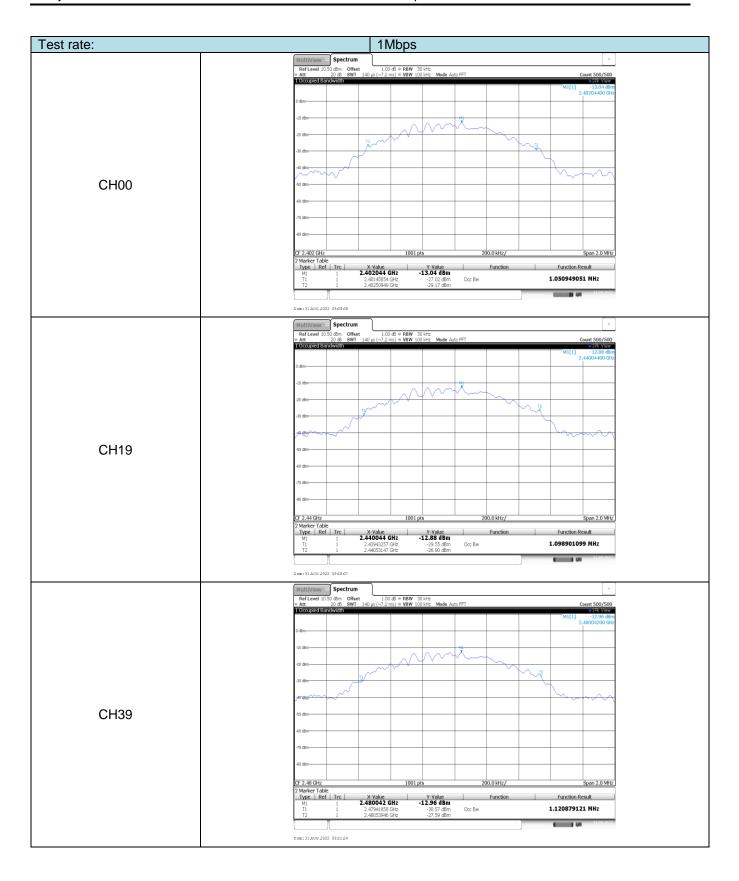
Туре	Channel	6dB Bandwidth(kHz)	Limit (kHz)	Result
	00	726.00		
1Mbps	19	730.00	≥500	Pass
	39	700.00		
	00	1270.00		
2Mbps	19	1340.00	≥500	Pass
	39	1335.00		

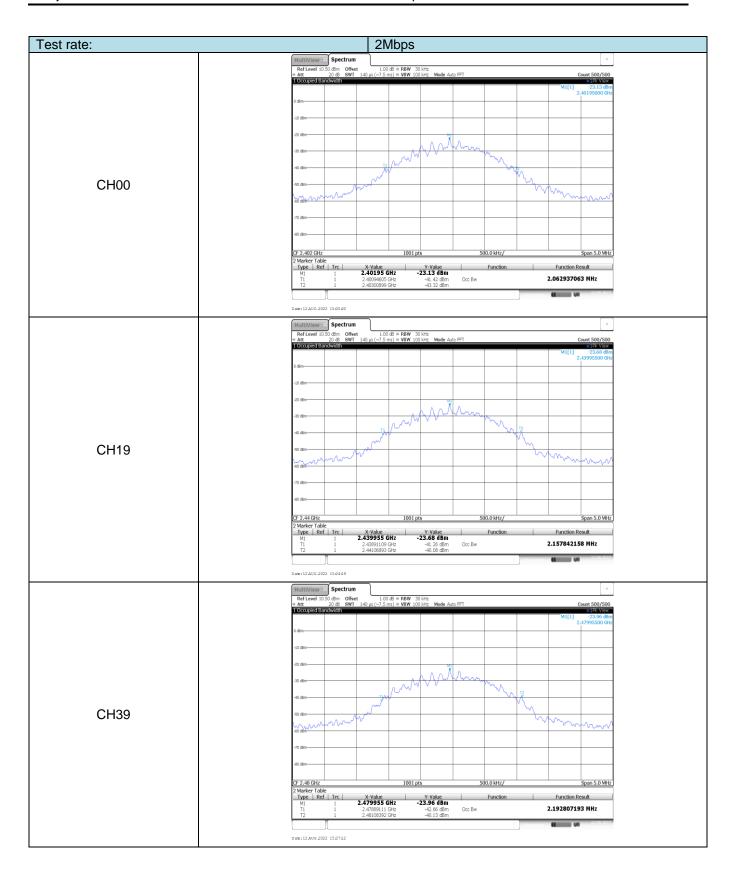




## Appendix D: 99% Occupied Bandwidth

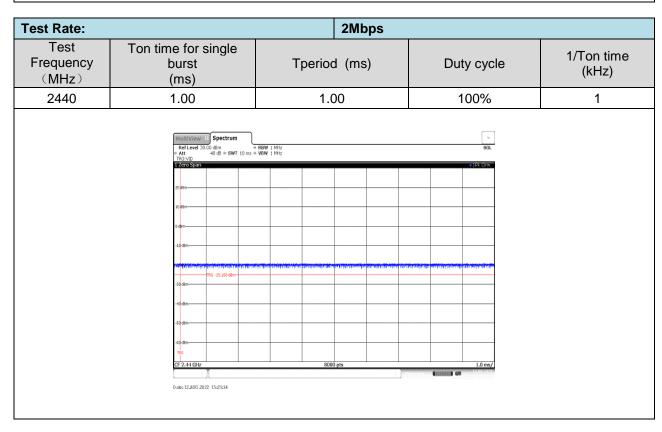
Test rate	Channel	99% Occupied Bandwidth(MHz)	Limit (kHz)	Result
	00	1.05		
1Mbps	19	1.10	-	Pass
	39	1.12		
	00	2.06		
2Mbps	19	2.16	-	Pass
	39	2.19		



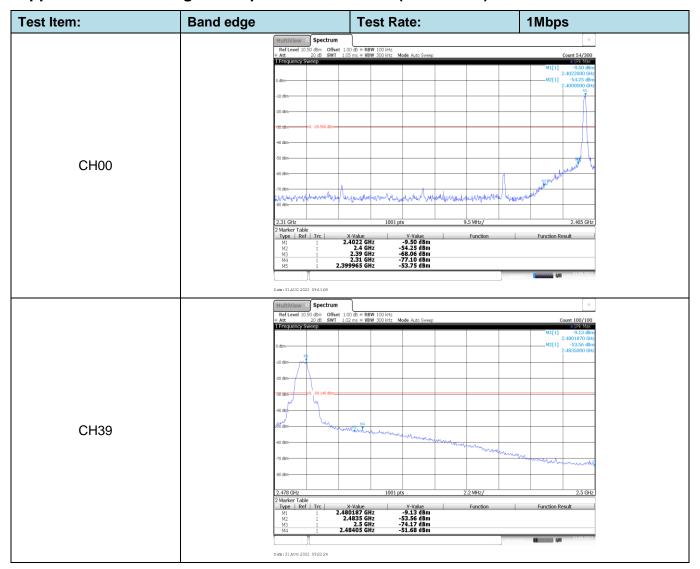


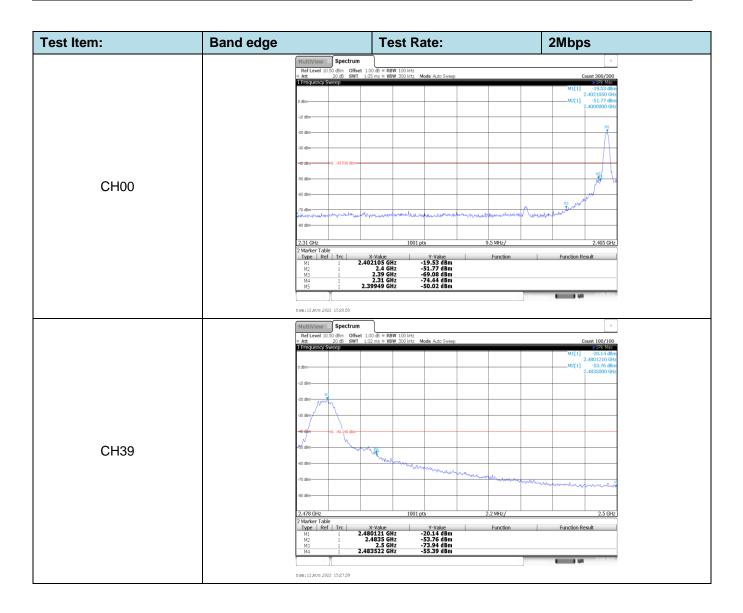
#### Appendix E: Duty cycle

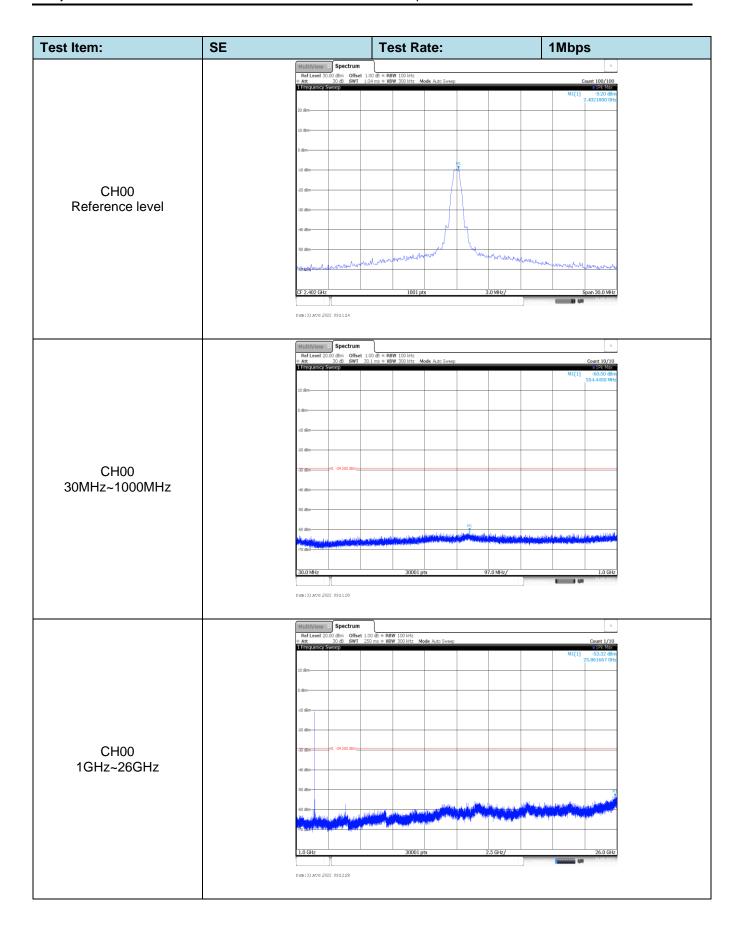
Test Rate:		1Mbps		
Test Frequency (MHz)	Ton time for single burst (ms)	Tperiod (ms)	Duty cycle	1/Ton time (kHz)
2440	1.00	1.00	100%	1
	Spectrum   Spectrum	RBW 1 Not:  VDW 1 Not:  8000 pts	SGL S104 Circ.	

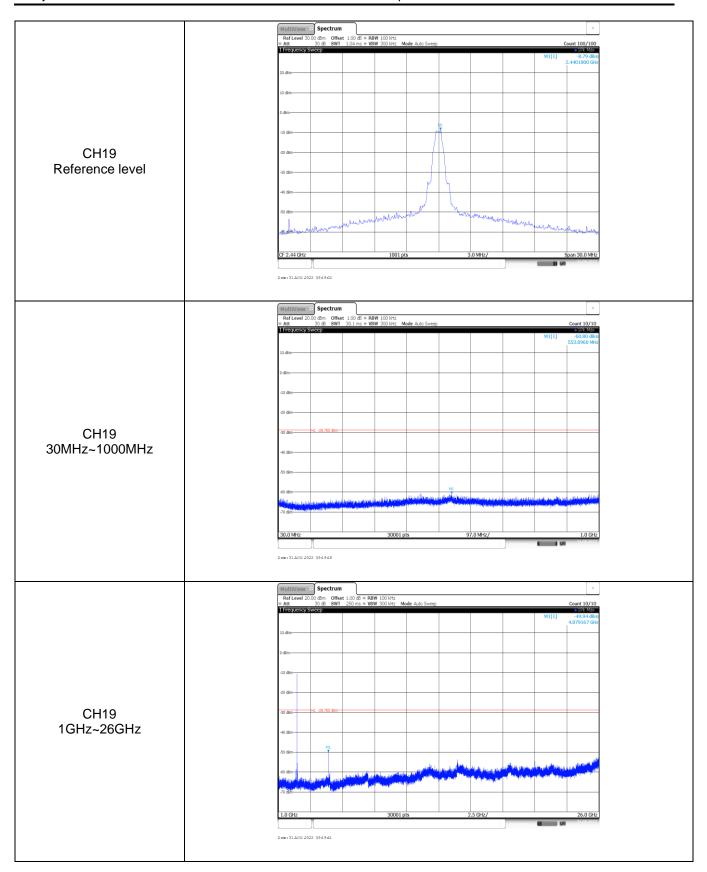


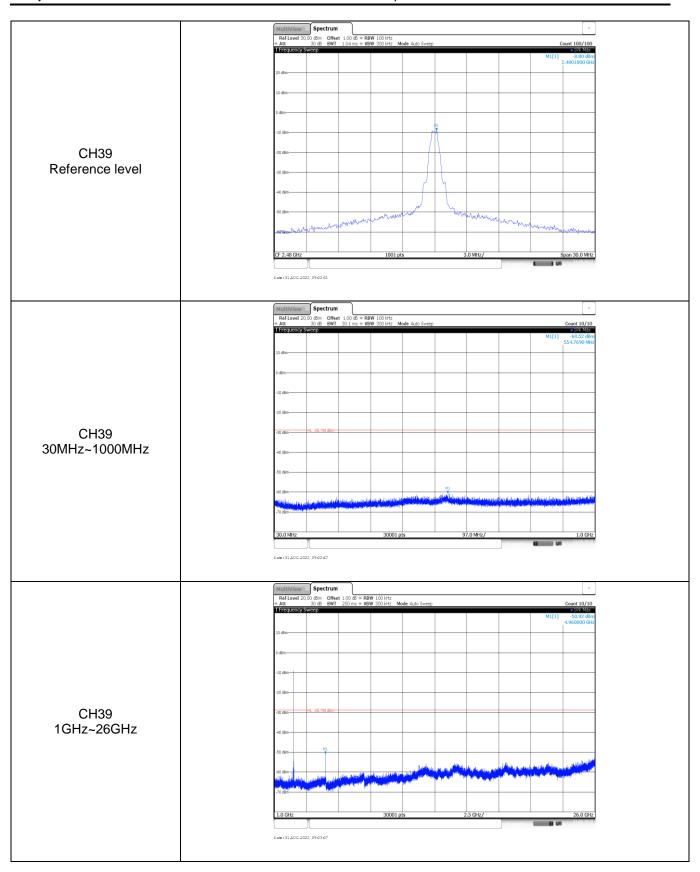
#### Appendix F: Band edge and Spurious Emissions (conducted)

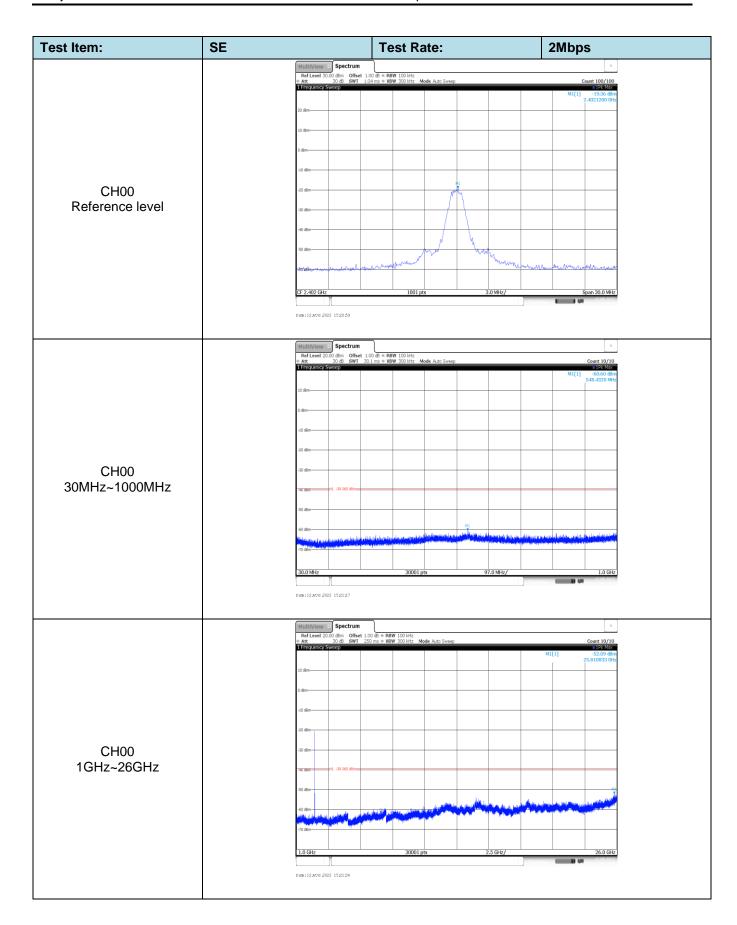


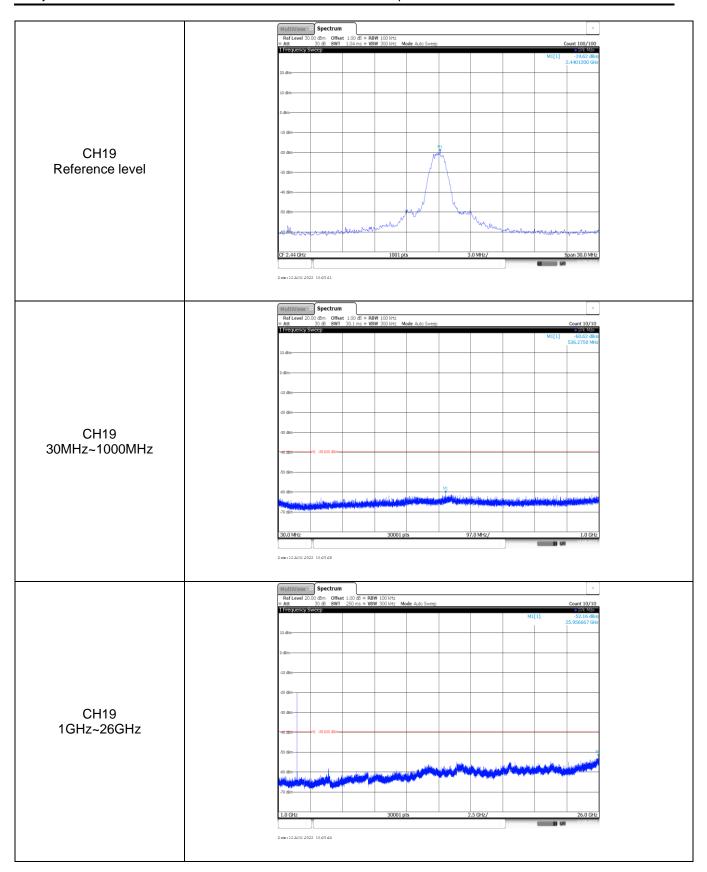


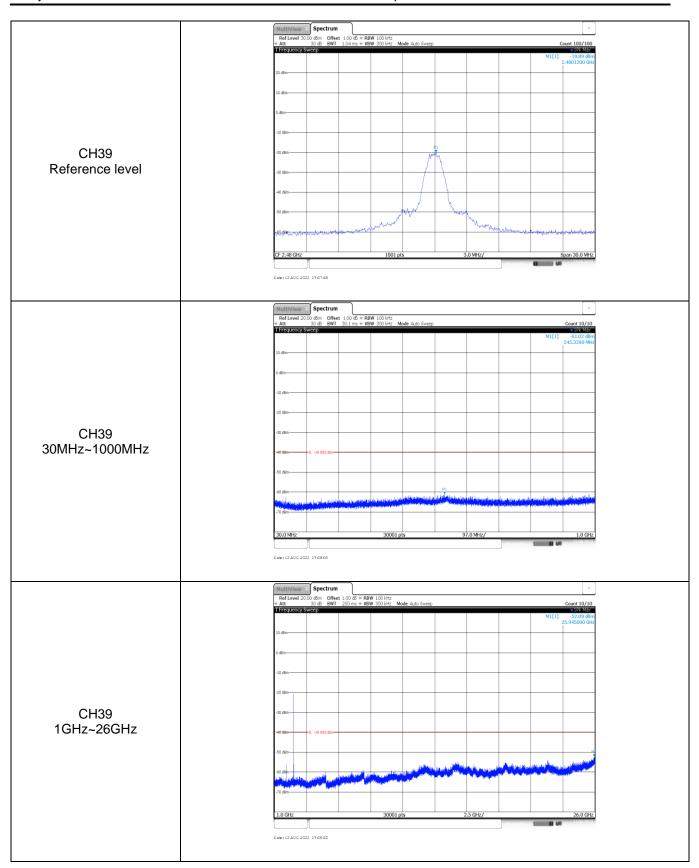












-----End of Report-----