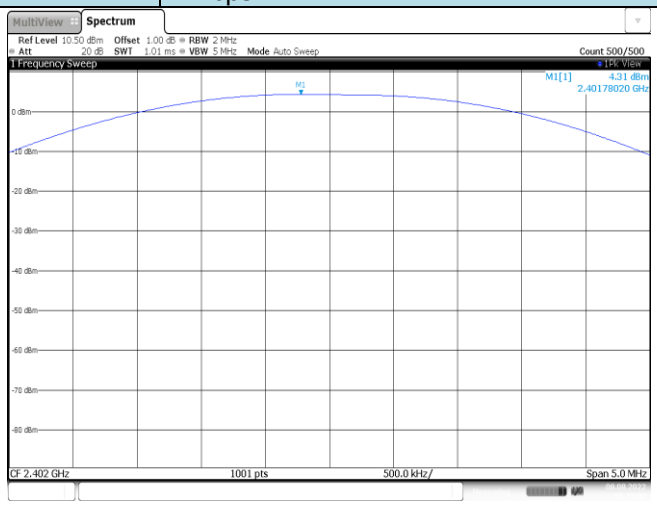
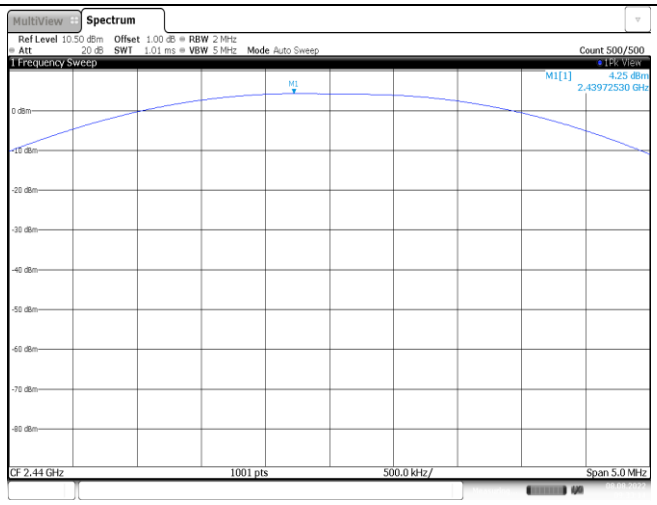
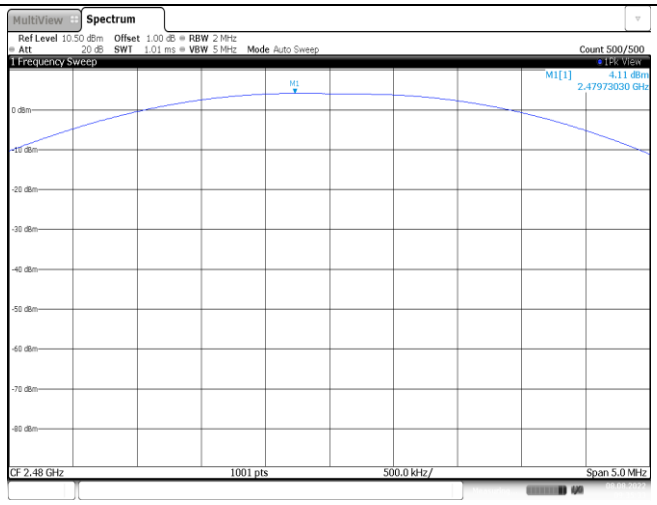
APPENDIX REPORT

Project No.	SHT2206011404EW	Radio Specification	Bluetooth BLE
Test sample No.	YPHT22060114003	Model No.	TRD1
Start test date	2022-08-08	Finish date	2022-08-08
Temperature	26.3℃	Humidity	34%
Test Engineer	Xiaoxiao Li	Auditor	Xiaodong Zhao

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

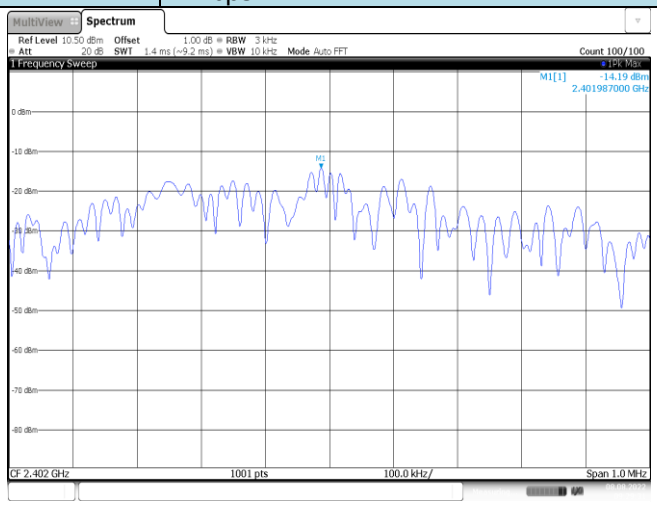
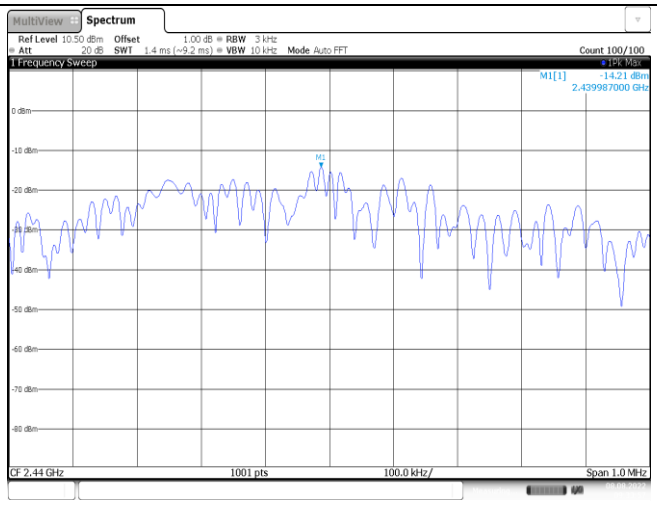
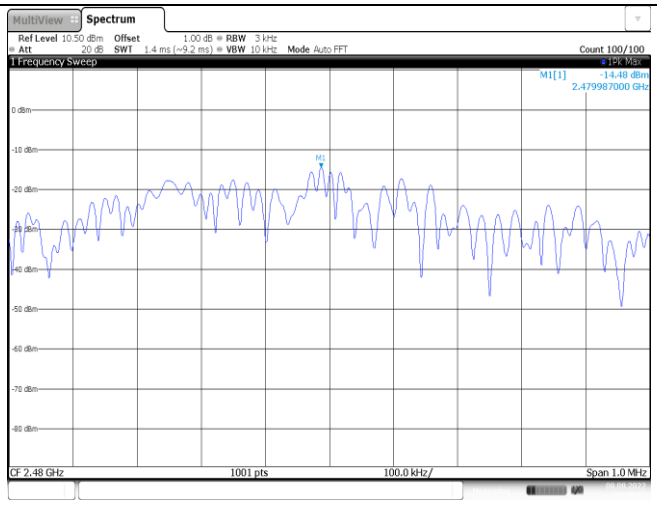
Appendix A：Peak Output Power

Test rate	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
1Mbps	00	4.31	4.30	≤ 30.00	Pass
	19	4.25	4.22		
	39	4.11	4.08		

Test rate:	1Mbps
CH00	
CH19	
CH39	

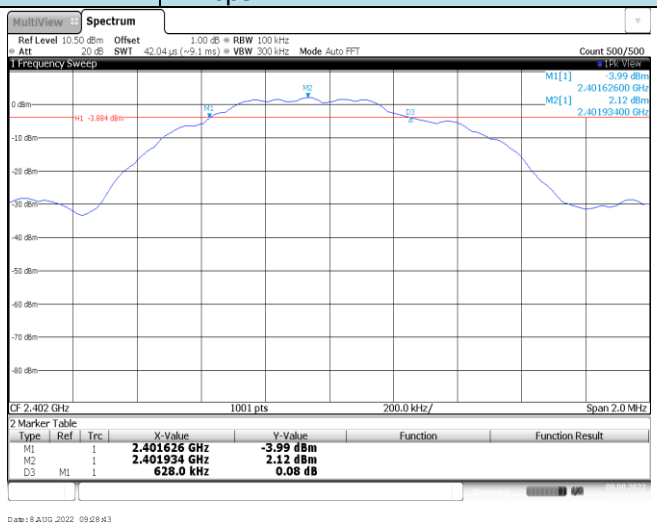
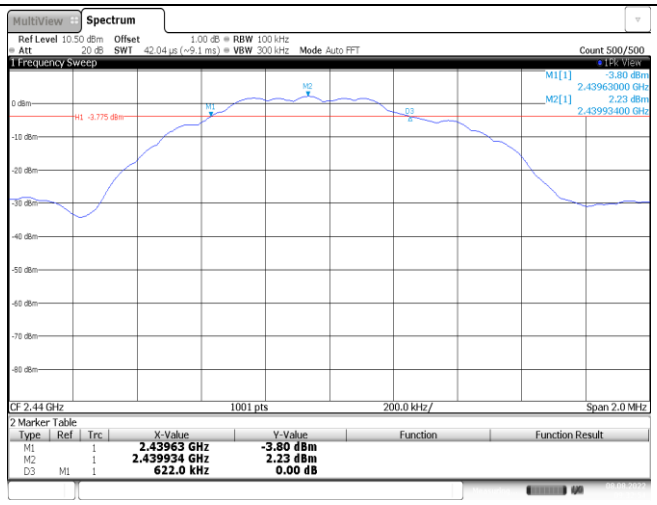
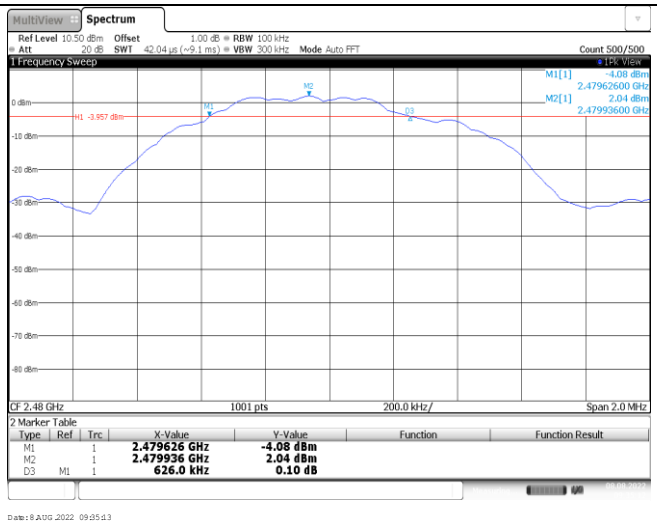
Appendix B：Power Spectral Density

Test rate	Channel	Power Spectral Density(dBm/3KHz)	Limit (dBm/3KHz)	Result
1Mbps	00	-14.19	≤8.00	Pass
	19	-14.21		
	39	-14.48		

Test rate:	1Mbps
CH00	
CH19	
CH39	

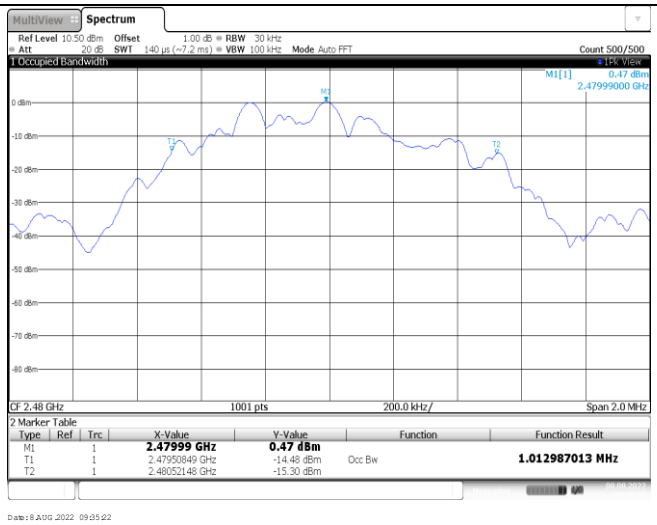
Appendix C：6dB bandwidth

Type	Channel	6dB Bandwidth(kHz)	Limit (kHz)	Result
1Mbps	00	628.00	≥500	Pass
	19	622.00		
	39	626.00		

Test rate:	1Mbps
CH00	
CH19	
CH39	

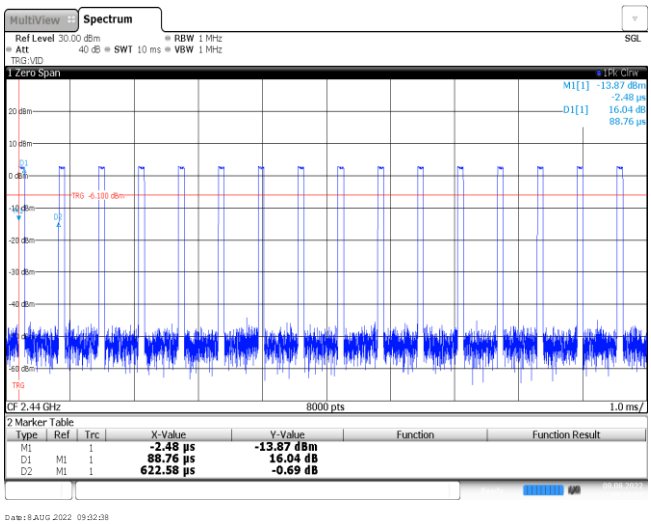
Appendix D：99% Occupied Bandwidth

Test rate	Channel	99% Occupied Bandwidth(MHz)	Limit (kHz)	Result
1Mbps	00	1.01	-	Pass
	19	1.01		
	39	1.01		

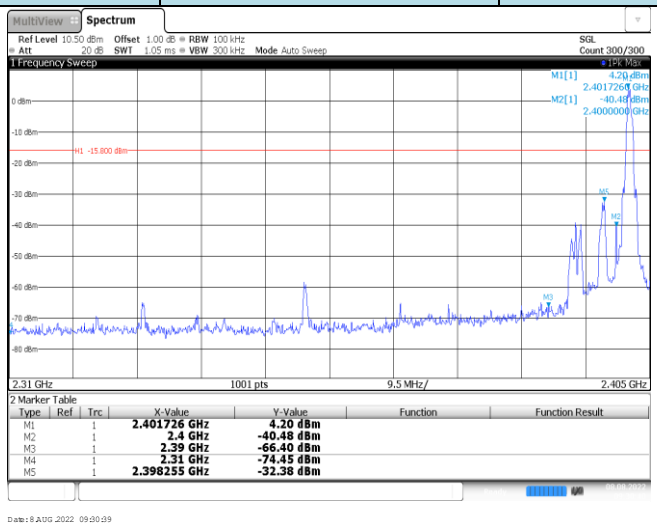
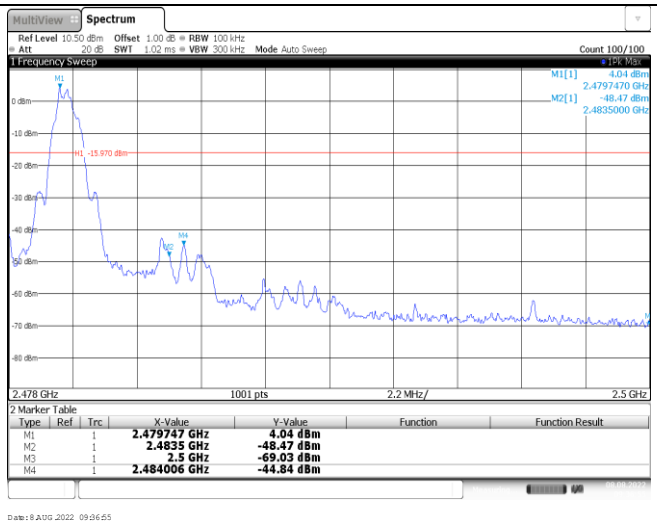
Test rate:	1Mbps
CH00	
CH19	
CH39	

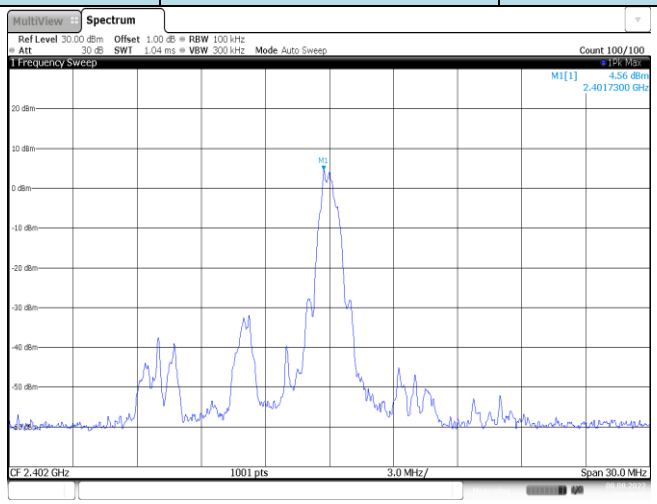
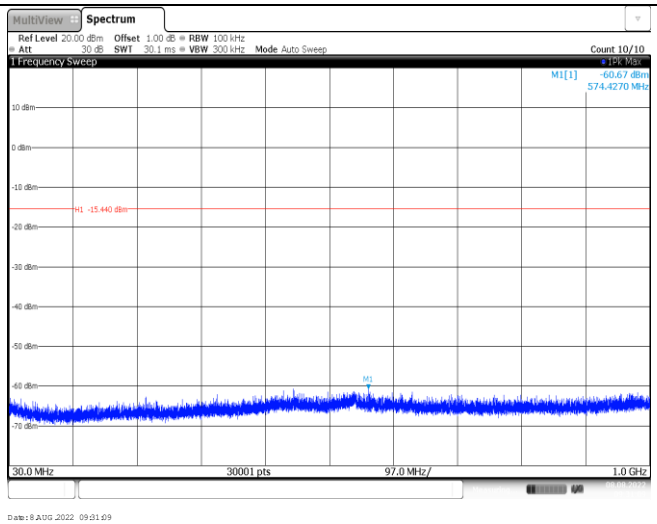
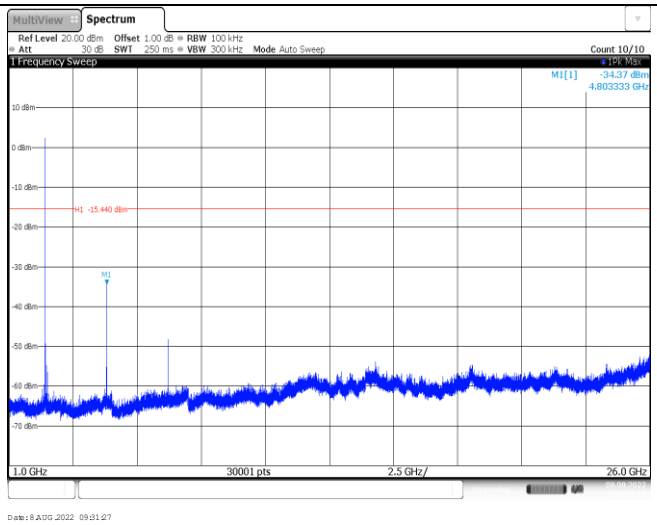
Appendix E：Duty cycle

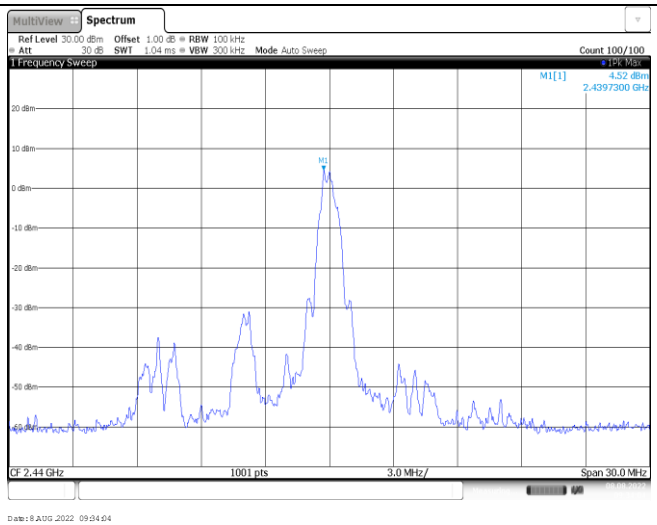
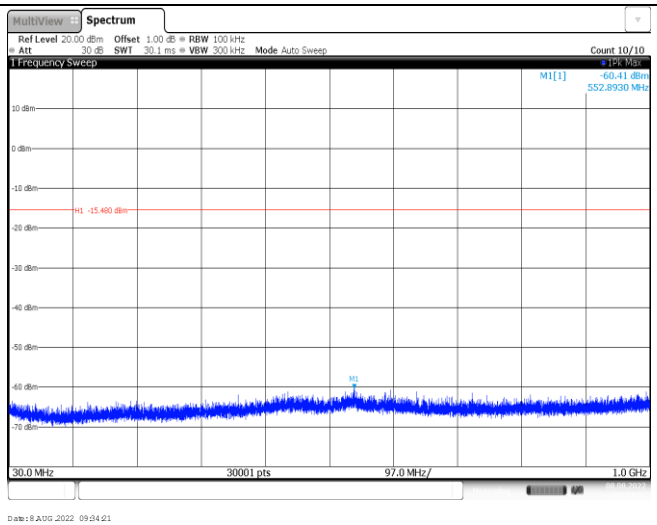
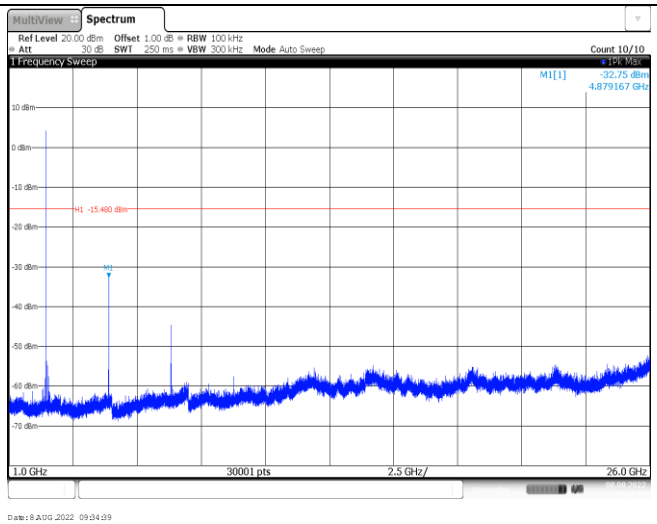
Test Rate:		1Mbps		
Test Frequency （MHz）	Ton time for single burst (ms)	Tperiod (ms)	Duty cycle	1/Ton time (kHz)
2440	0.09	0.62	14.5%	11.1

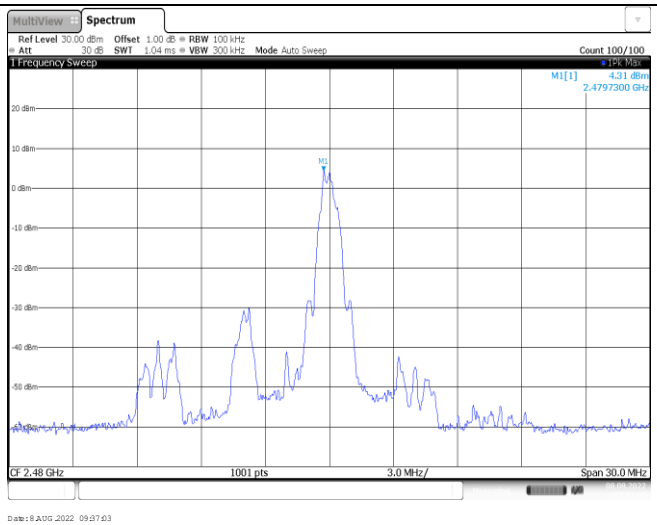
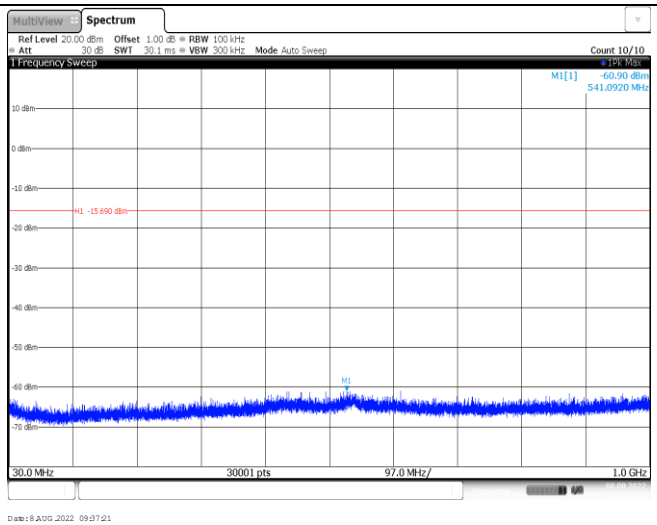
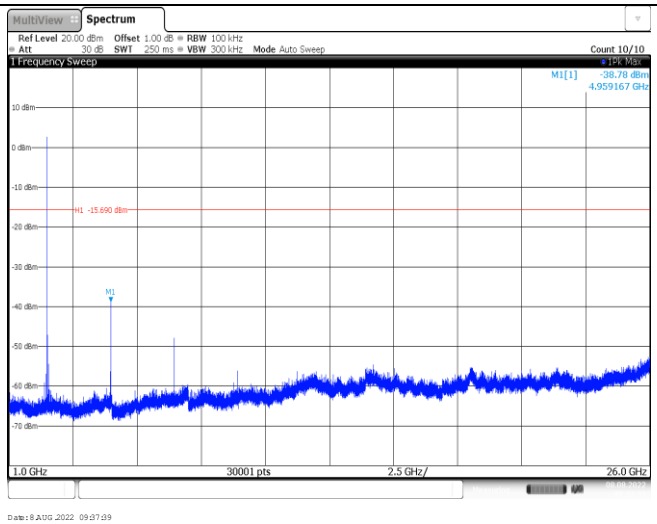


Appendix F：Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Test Rate:	1Mbps
CH00			
CH39			

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

CH19 Reference level	
CH19 30MHz~1000MHz	
CH19 1GHz~26GHz	

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

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