

APPENDIX REPORT

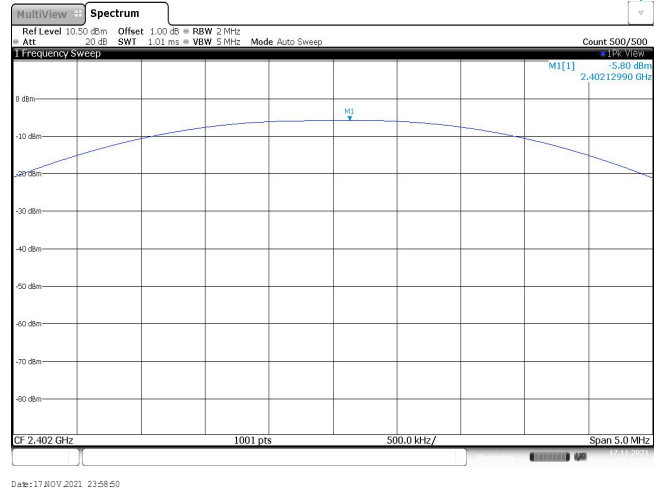
Project No.	SHT2111009103EW	Radio Specification	Bluetooth BLE
Test sample No.	YPHT21110091014	Model No.	Note1
Start test date	2021-11-17	Finish date	2021-11-18
Temperature	24.0℃	Humidity	30%
Test Engineer	Weiyang Xiang	Auditor	Xiaodong Zhu

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

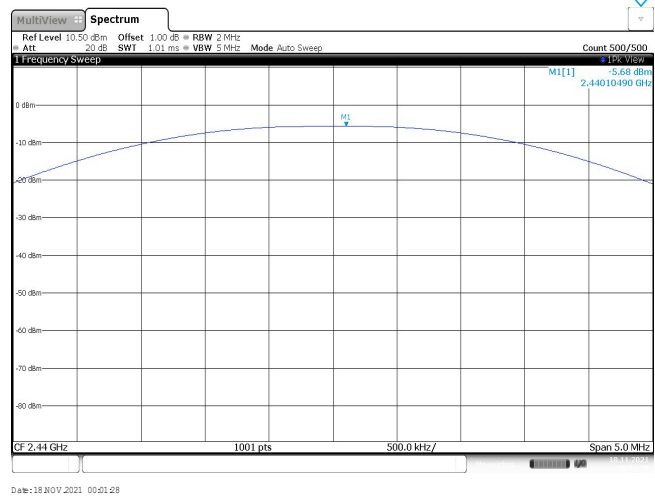
Appendix A: Peak Output Power

Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
BT-BLE	00	-5.80	-5.88	≤ 30.00	Pass
	19	-5.68	-5.78		
	39	-5.85	-5.95		

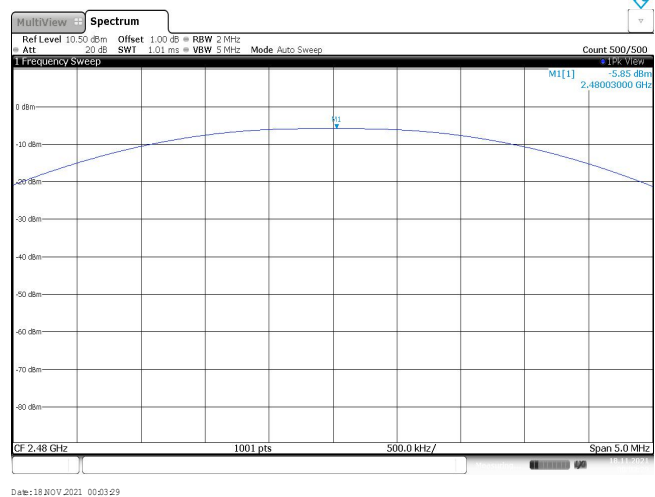
CH00



CH19



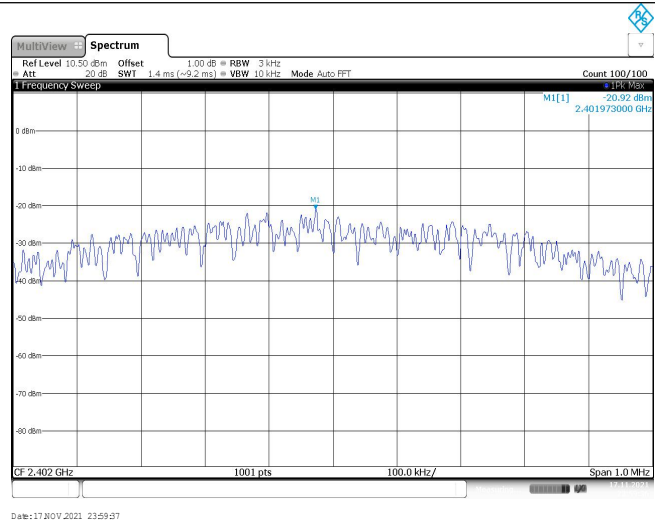
CH39



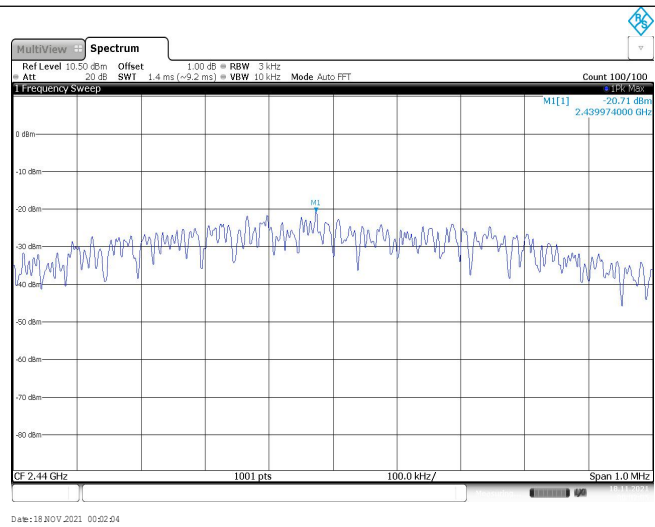
Appendix B: Power Spectral Density

Type	Channel	Power Spectral Density(dBm/3KHz)	Limit (dBm/3KHz)	Result
BT-BLE	00	-20.92	≤8.00	Pass
	19	-20.71		
	39	-20.94		

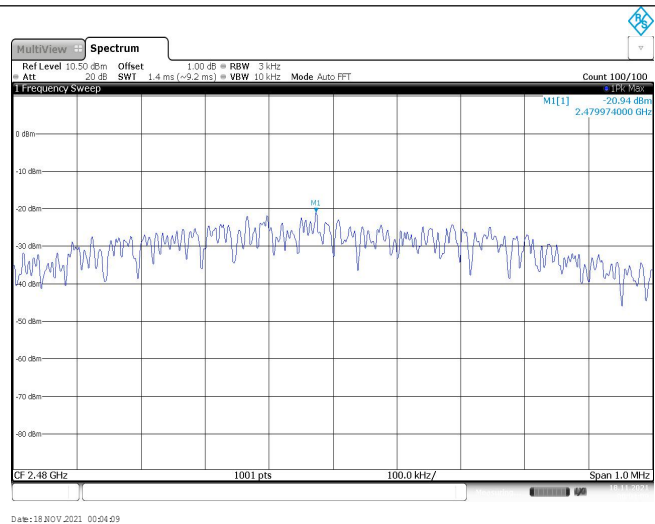
CH00



CH19



CH39



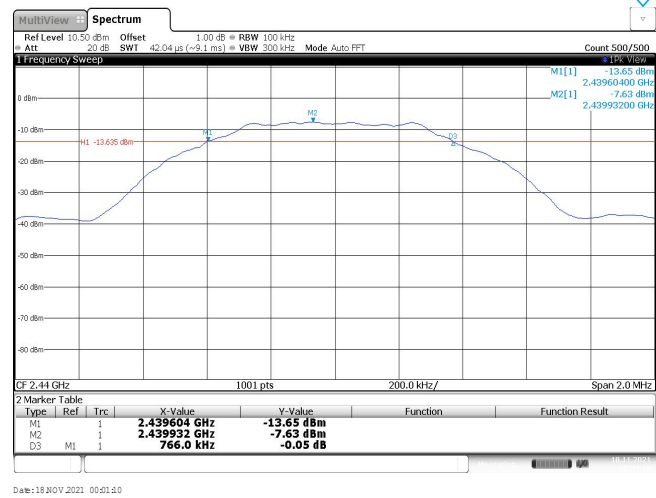
Appendix C: 6dB bandwidth

Type	Channel	6dB Bandwidth(kHz)	Limit (kHz)	Result
BT-BLE	00	758.00	≥500	Pass
	19	766.00		
	39	760.00		

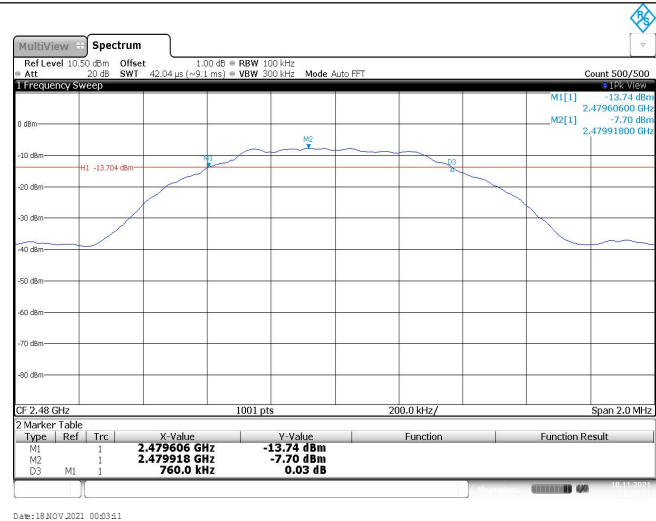
CH00



CH19



CH39



Appendix D: 99% Occupied Bandwidth

Type	Channel	99% Occupied Bandwidth(MHz)	Limit (kHz)	Result
BT-BLE	00	1.03	-	Pass
	19	1.03		
	39	1.03		

CH00



CH19

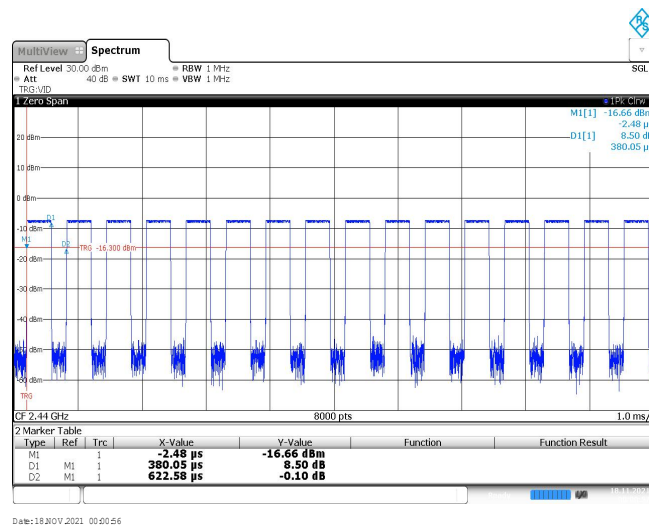


CH39



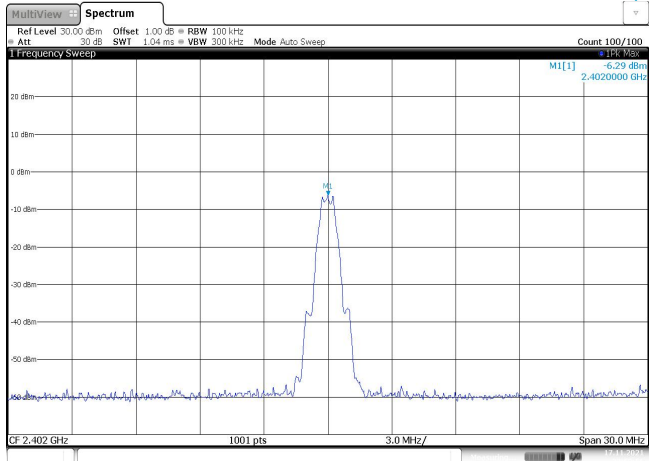
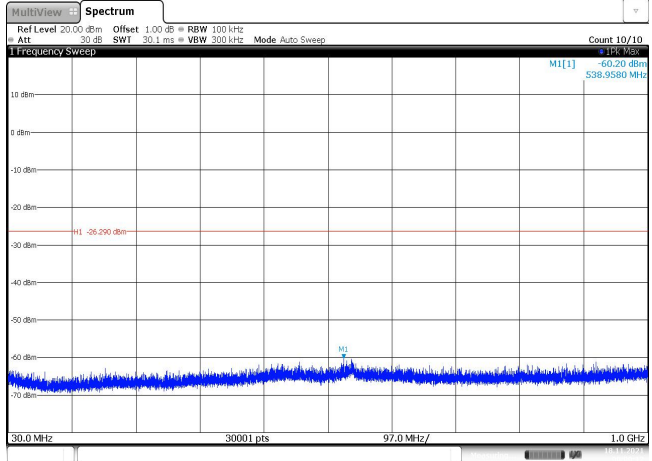
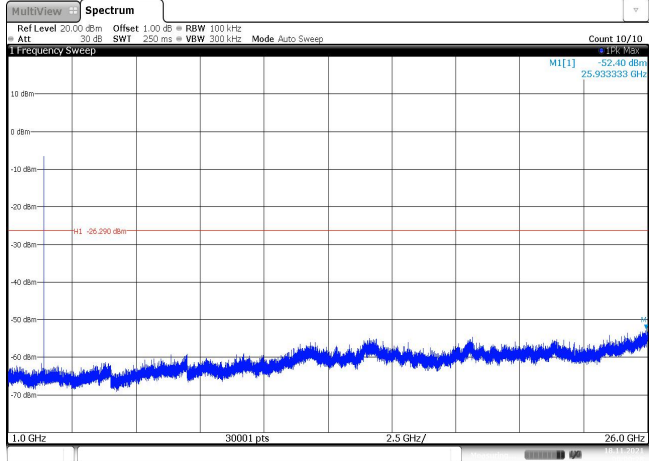
Appendix E: Duty cycle

Test Frequency (MHz)	T _{on} time for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on} time (kHz)
2440	0.38	0.62	61.3%	2.6

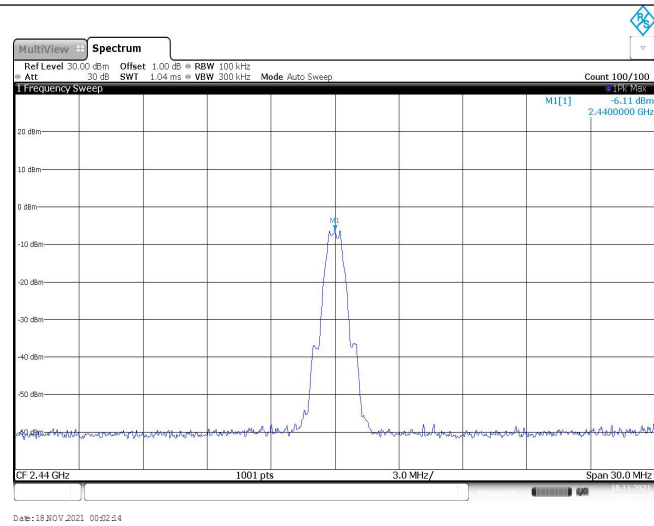


Appendix F: Band edge and Spurious Emissions (conducted)

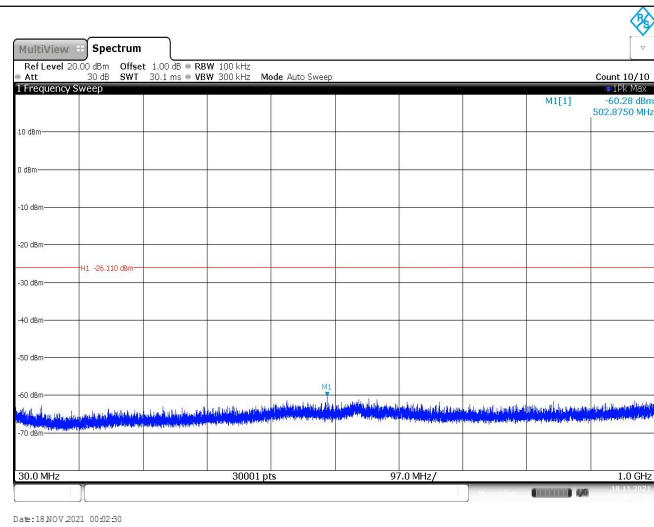
Test Item:	Band edge
CH00	

Test Item:	SE
CH00 Reference level	 17 NOV 2021 23:59:55
CH00 30MHz~1000MHz	 18 NOV 2021 00:00:11
CH00 1GHz~26GHz	 18 NOV 2021 00:00:28

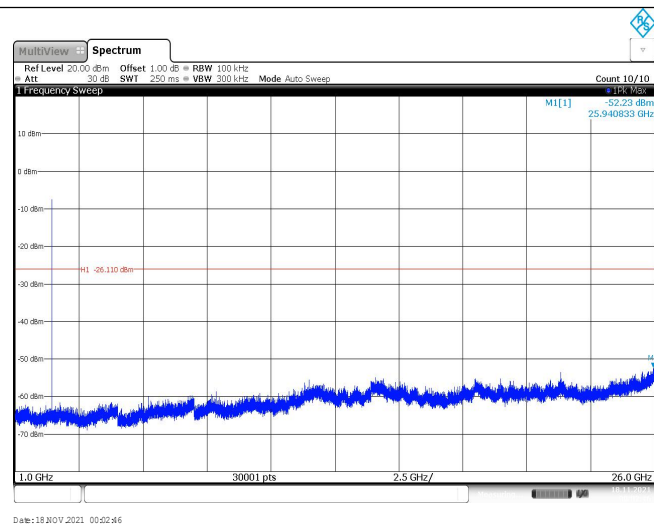
CH19
Reference level



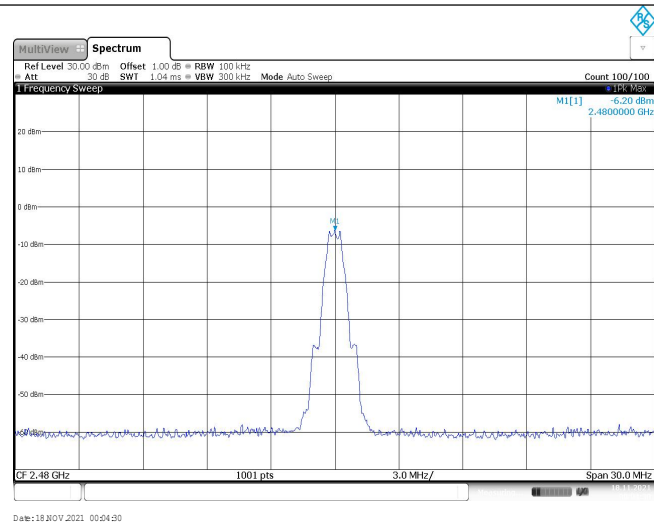
CH19
30MHz~1000MHz



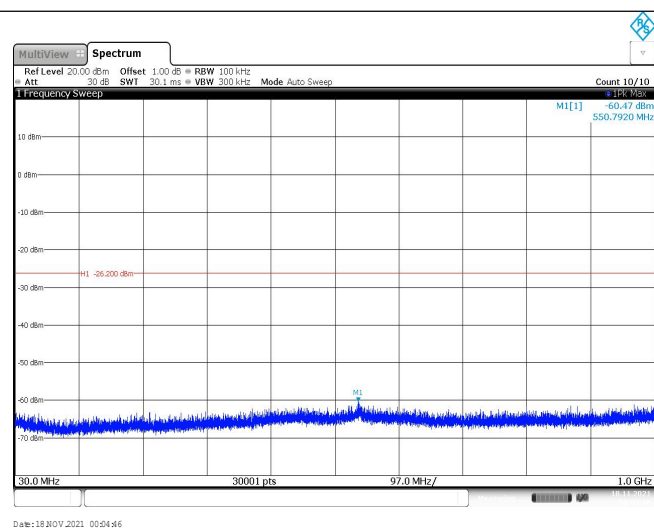
CH19
1GHz~26GHz



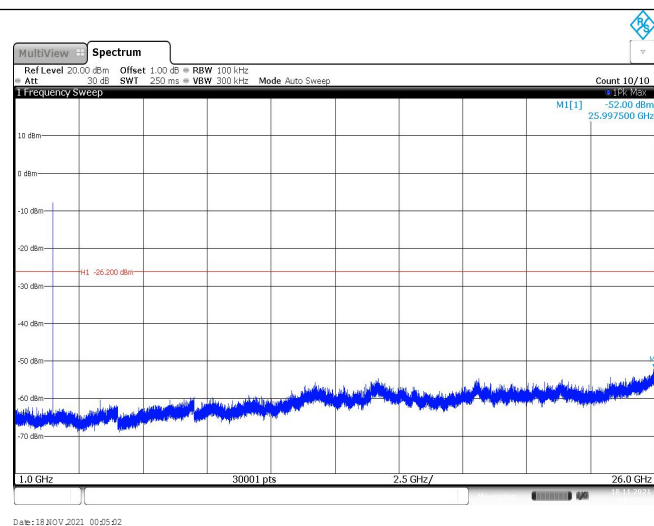
CH39
Reference level



CH39
30MHz~1000MHz



CH39
1GHz~26GHz



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