APPENDIX REPORT

Project No.	SHT1911051203EW	Radio Specification	Bluetooth BLE
Test sample No.	YPHT19110512009	Model No.	iData K1S
Start test date	2019/12/20	Finish date	2019/12/20
Temperature	25°C	Humidity	50%
Test Engineer	Ximing.Huang	Auditor	William . wang

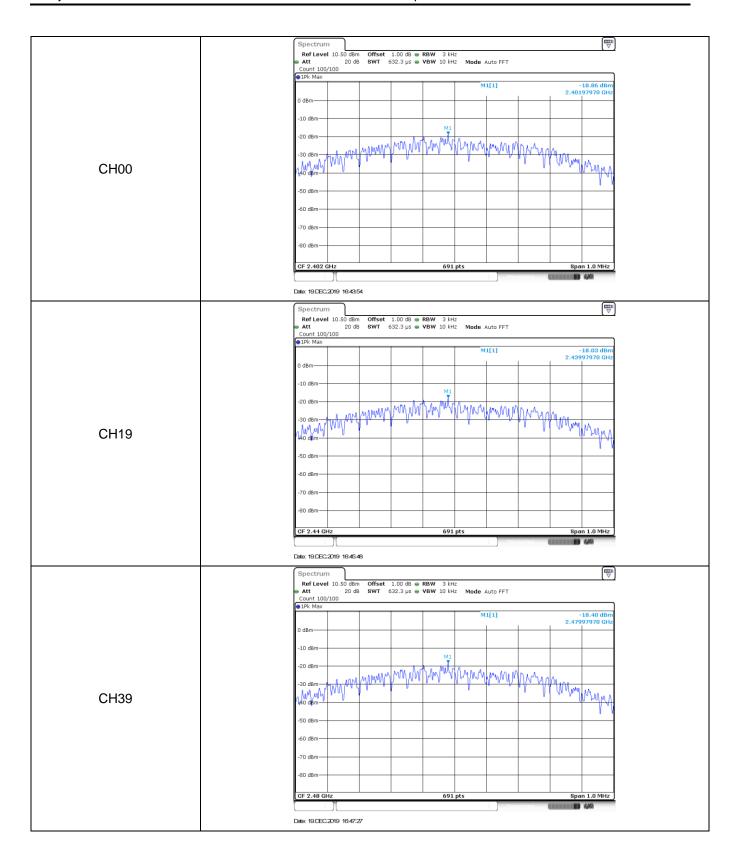
Appendix clause	Test item	Result
А	Peak Output Power	PASS
В	Power Spectral Density	PASS
С	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty cycle	PASS
F	Band edge and Spurious Emissions (conducted)	PASS

Appendix A: Peak Output Power

Туре	Channel	Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
	00	-4.05	-4.06		
BT-BLE	19	-3.22	-3.24	≤30.00	Pass
	39	-3.60	-3.61		

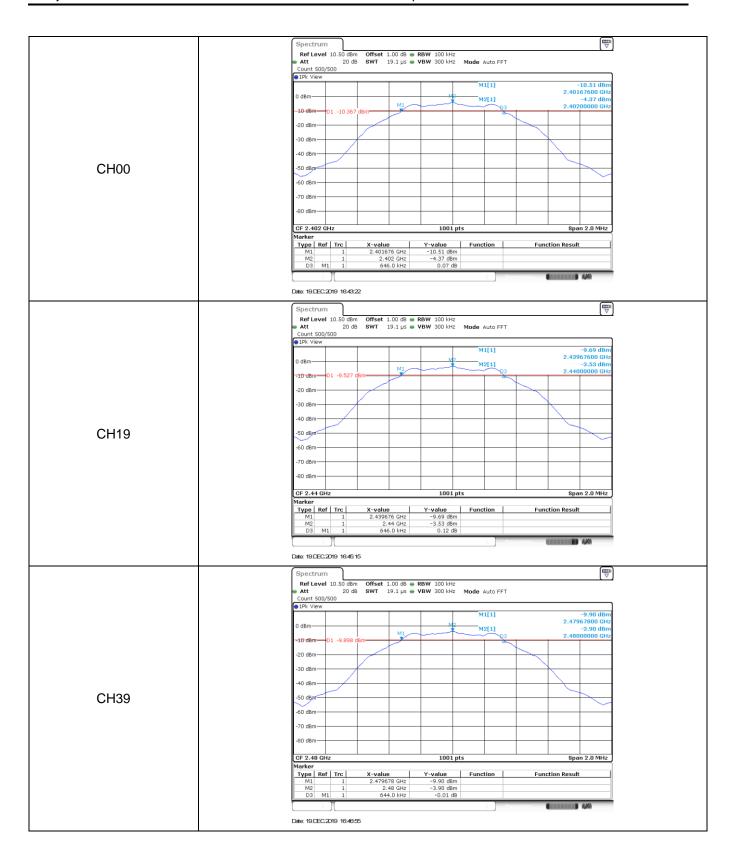
Appendix B: Power Spectral Density

Туре	Channel	Power Spectral Density(dBm/3KHz)	Limit (dBm/3KHz)	Result
	00	-18.86		
BT-BLE	19	-18.03	≤8.00	Pass
	39	-18.40		



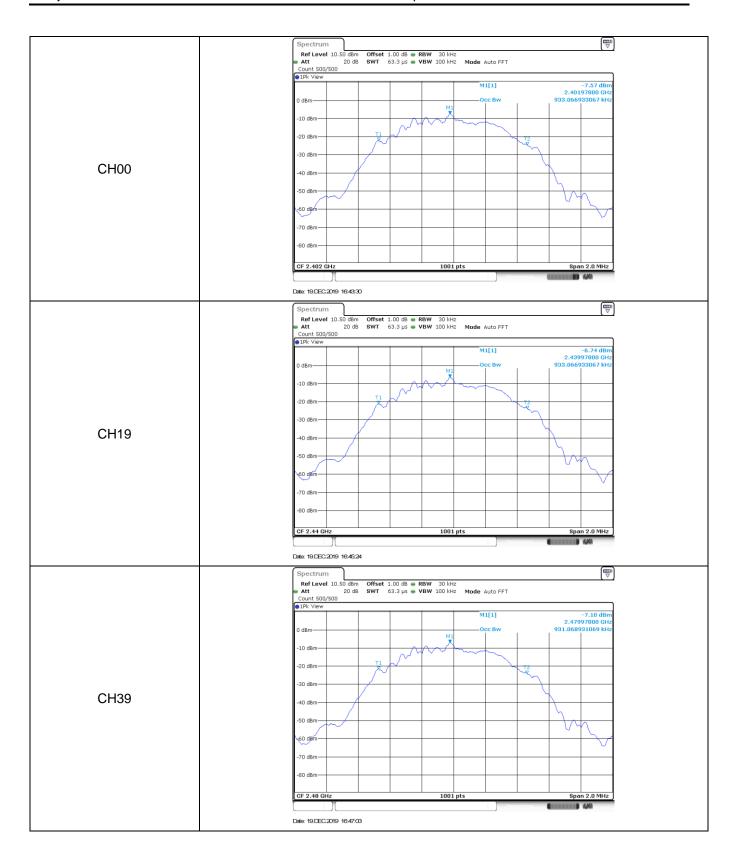
Appendix C: 6dB bandwidth

Туре	Channel	6dB Bandwidth(kHz)	Limit (kHz)	Result
	00	646.00		
BT-BLE	19	646.00	≥500	Pass
	39	644.00		



Appendix D: 99% Occupied Bandwidth

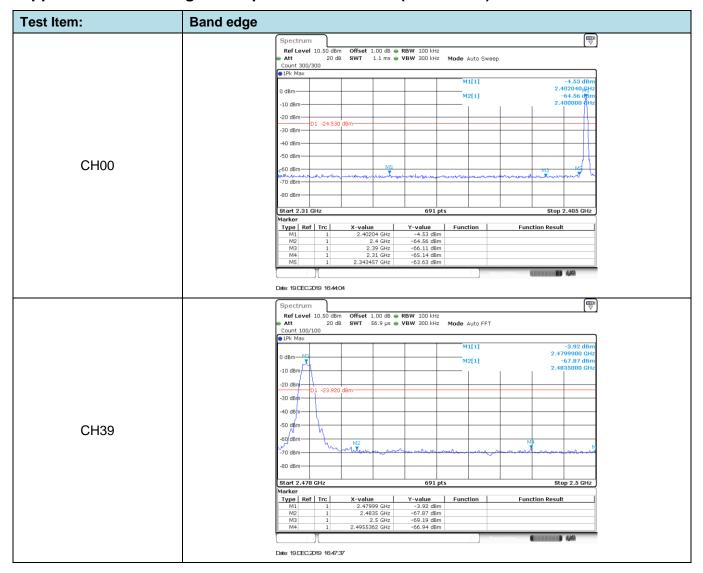
Туре	Channel	99% Occupied Bandwidth(MHz)	Limit (kHz)	Result
	00	0.93		
BT-BLE	19	0.93	-	Pass
	39	0.93		

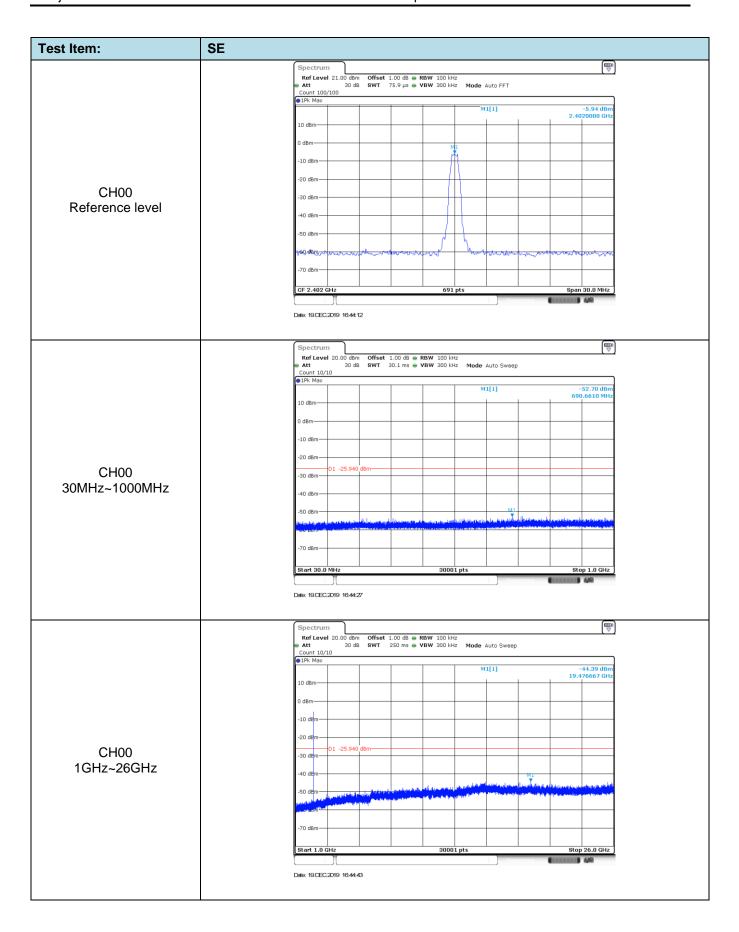


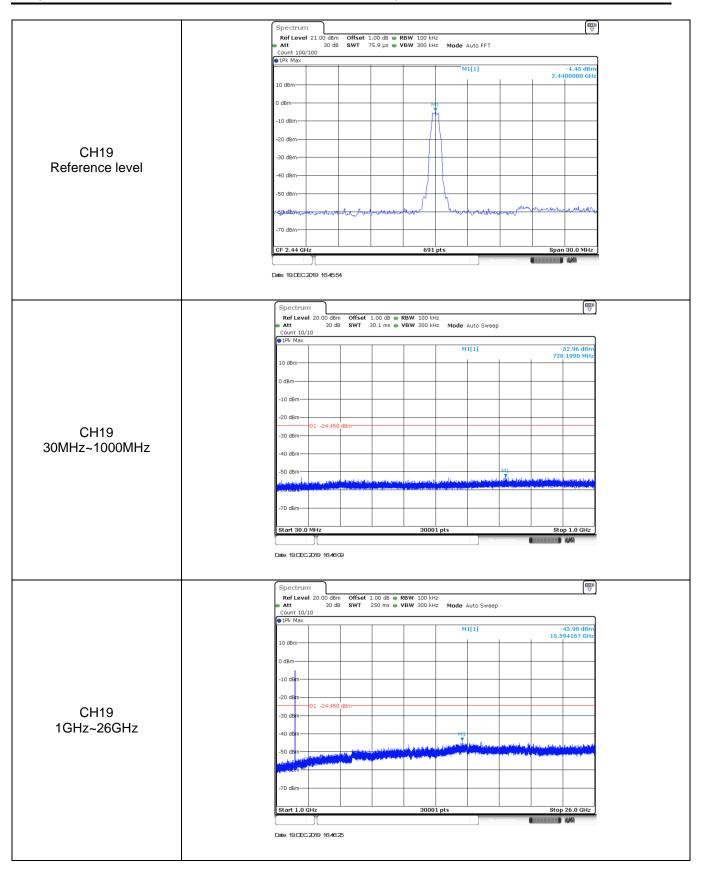
Appendix E: Duty cycle

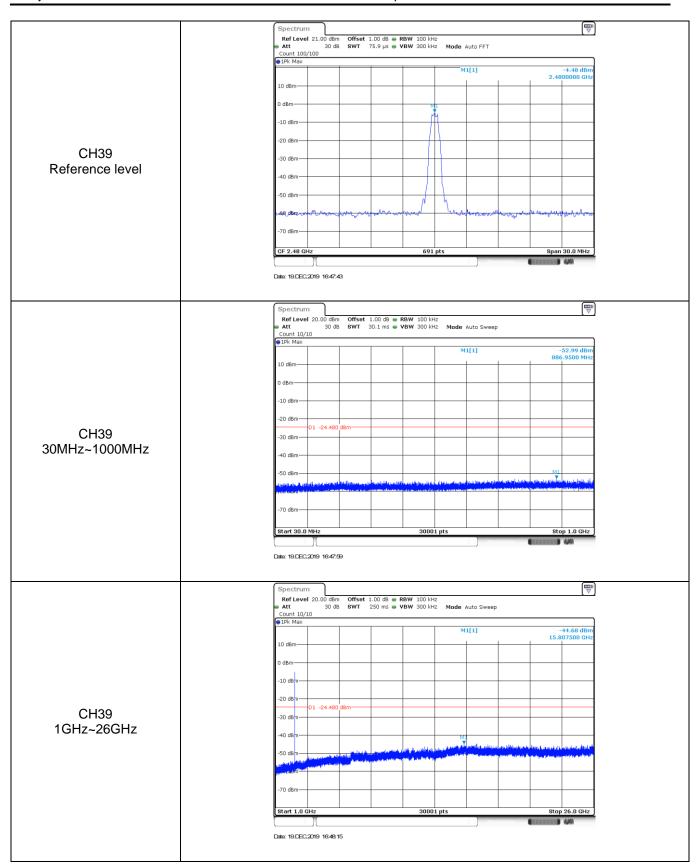
Test Frequer	ncy	s	T _{on} ingl	_{time} e b ms	ur	r st		T _{period} (ms)									Duty cycle										,		T _{on time} (kHz)				
2440			C	.38	3			0.62										63.1%									2.6						
	Spectrum Ref Level 30.00 dBm														<u> </u>																		
	●1Pk C 20 dBm				T												M1[1] -14.00 dBm -1.23 µs D1[1] 8.52 dB 378.80 µs									s B							
	10 dBm	-				-				···		71	i I II.		an II									•		•	I A						
	-20 dBr	n + 1	rrg -	-13.1	00	dBm-																											
	<mark>d</mark> o dBr ¥so dBr		117				Ų,	ļ,				Harl		H _I					,		1	!					1		lu lu				
	-60 dBr		z		8000 pts										1.0	ms/																	
	Marker																												_				
	Туре	Ref				X-	valu					-va				Func	tion	n				Fun	ctio	n R	esu	lt			1				
	M1 D1																							-									
	D1															-																	
			ÌL																	lead	у		Œ	Ш	Ш	1	XI						
С	Date: 19.1	DEC.2	1019	16.48	3.52																												

Appendix F: Band edge and Spurious Emissions (conducted)









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