APPENDIX REPORT

Project No.	SHT1910071701EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT19100717002	Model No.	CH1
Start test date	2019/11/8	Finish date	2019/11/8
Temperature	25°C	Humidity	50%
Test Engineer	JiongSheng.Feng	Auditor	William . wang

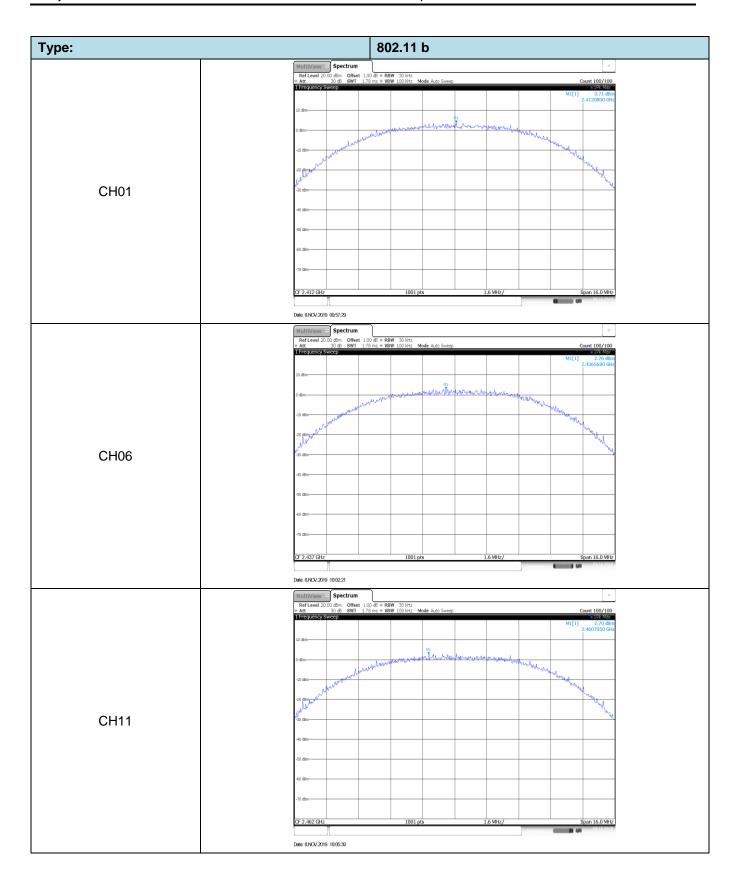
Appendix clause	Test item	Result
А	Conducted Peak Output Power	PASS
В	Power Spectral Density	PASS
С	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
F	Band edge and Spurious Emissions (conducted)	PASS

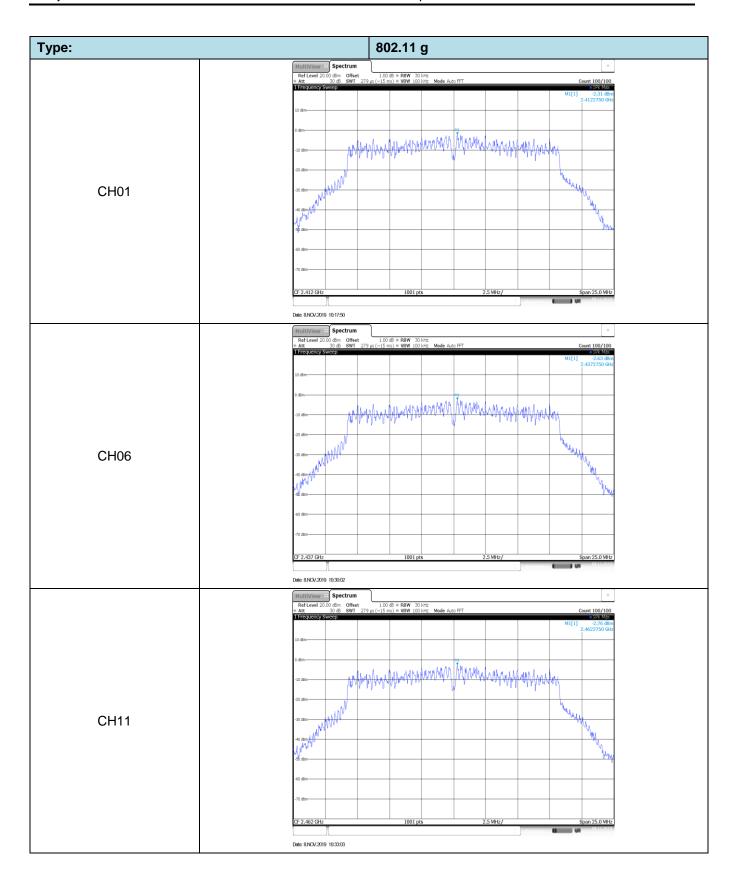
Appendix A: Conducted Peak Output Power

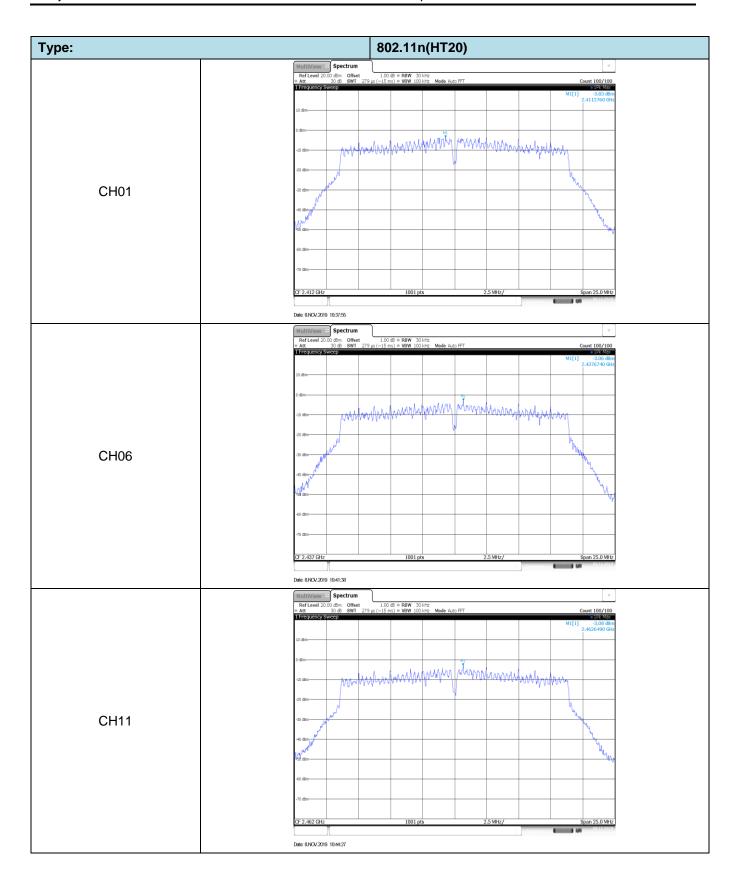
Туре	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
	01	22.14	20.75		
802.11b	06	22.18	21.37	≤30.00	Pass
	11	21.69	20.34		
802.11g	01	21.35	20.99		
	06	21.36	21.25	≤30.00	Pass
	11	20.87	20.56		
802.11n(HT20)	01	20.47	19.98		
	06	20.55	20.01	≤30.00	Pass
	11	20.02	19.45		

Appendix B: Power Spectral Density

Туре	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
	01	3.71		
802.11b	06	2.76	≤8.00	Pass
	11	2.70		
	01	-2.31		
802.11g	06	-2.63	≤8.00	Pass
	11	-2.76		
	01	-3.83		
802.11n(HT20)	06	-3.06	≤8.00	Pass
	11	-3.08		

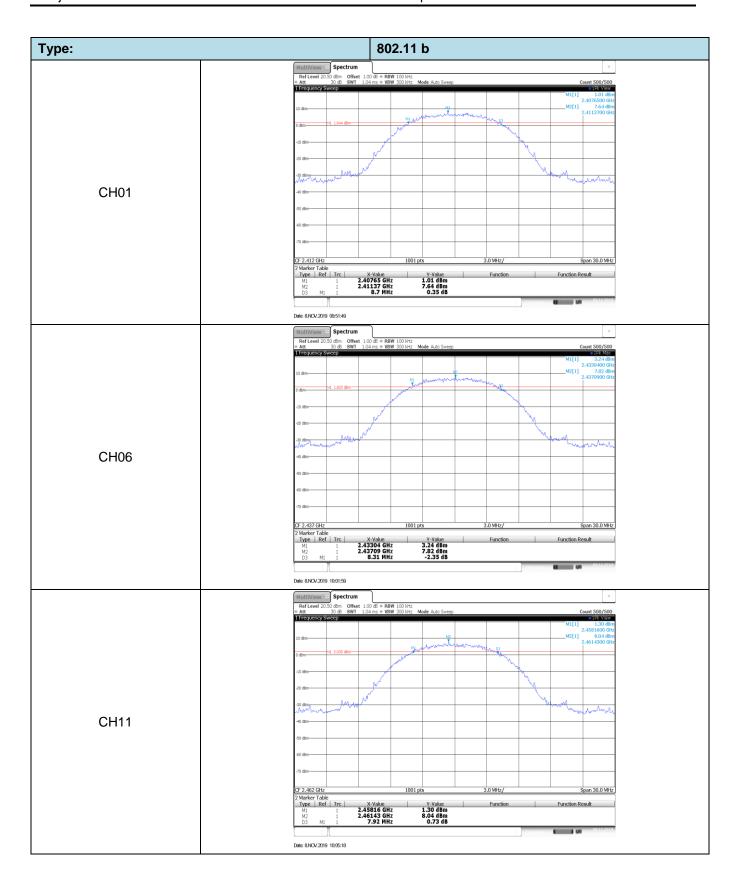


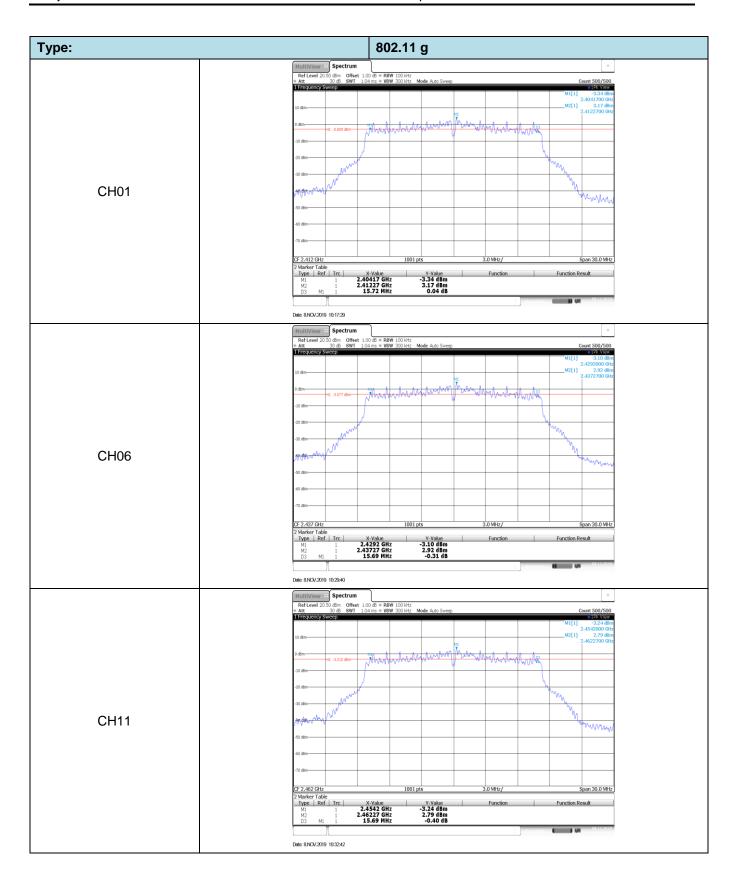


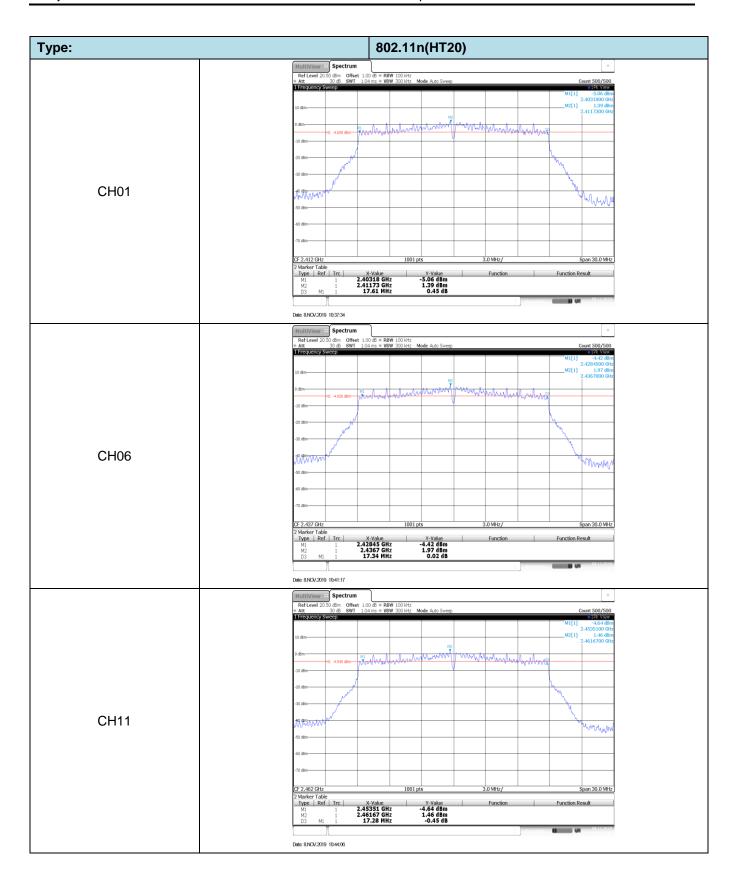


Appendix C: 6dB bandwidth

Туре	Channel	6dB Bandwidth (MHz)	Limit (kHz)	Result
	01	8.70		
802.11b	06	8.31	≥500	Pass
	11	7.92		
	01	15.72		
802.11g	06	15.69	≥500	Pass
	11	15.69		
	01	17.61		
802.11n(HT20)	06	17.34	≥500	Pass
	11	17.28		

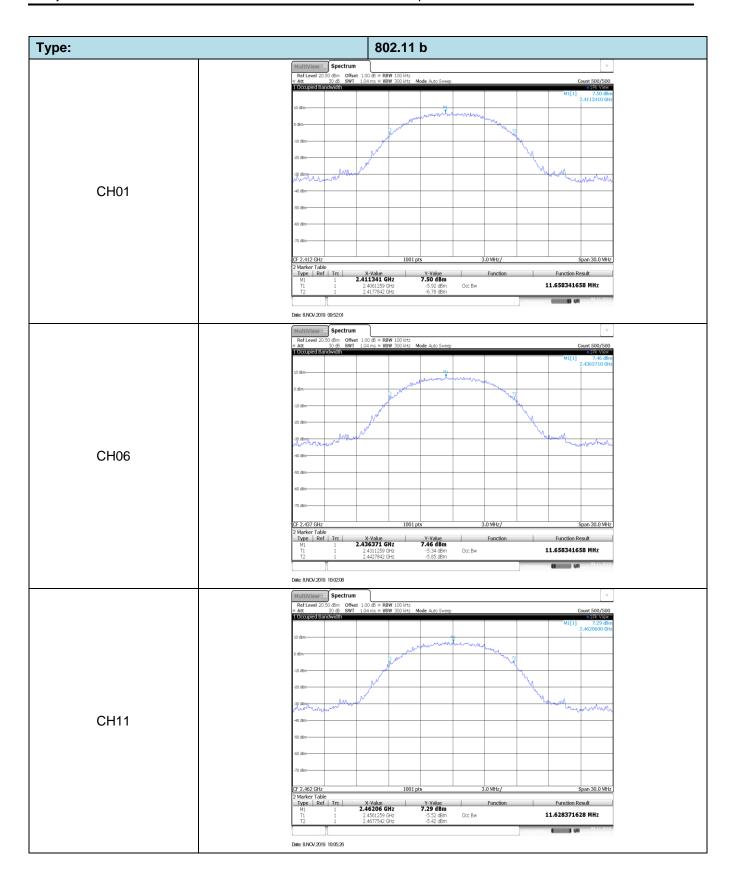


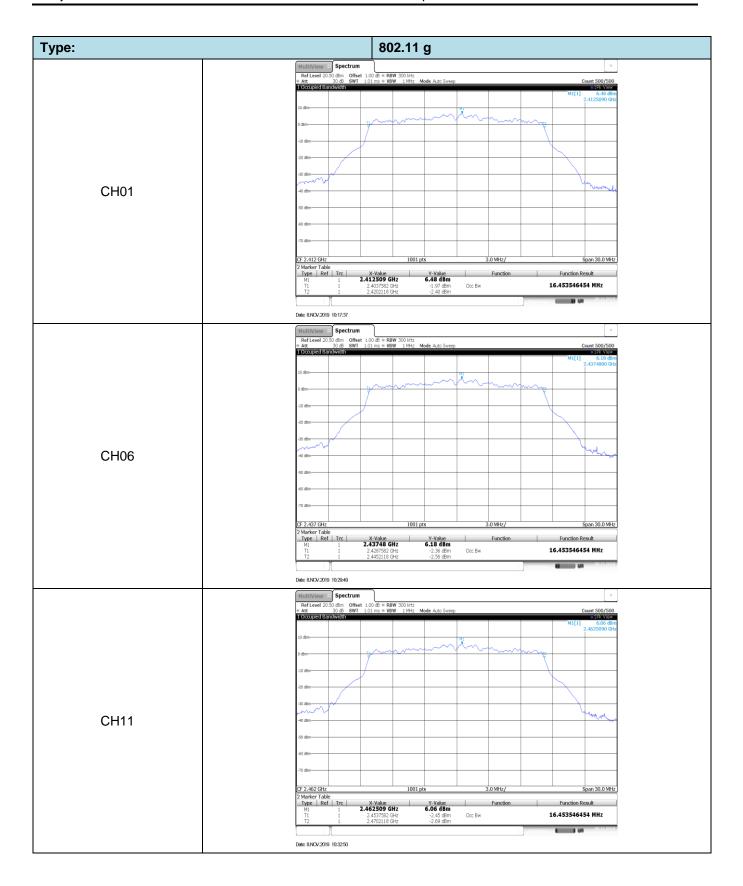


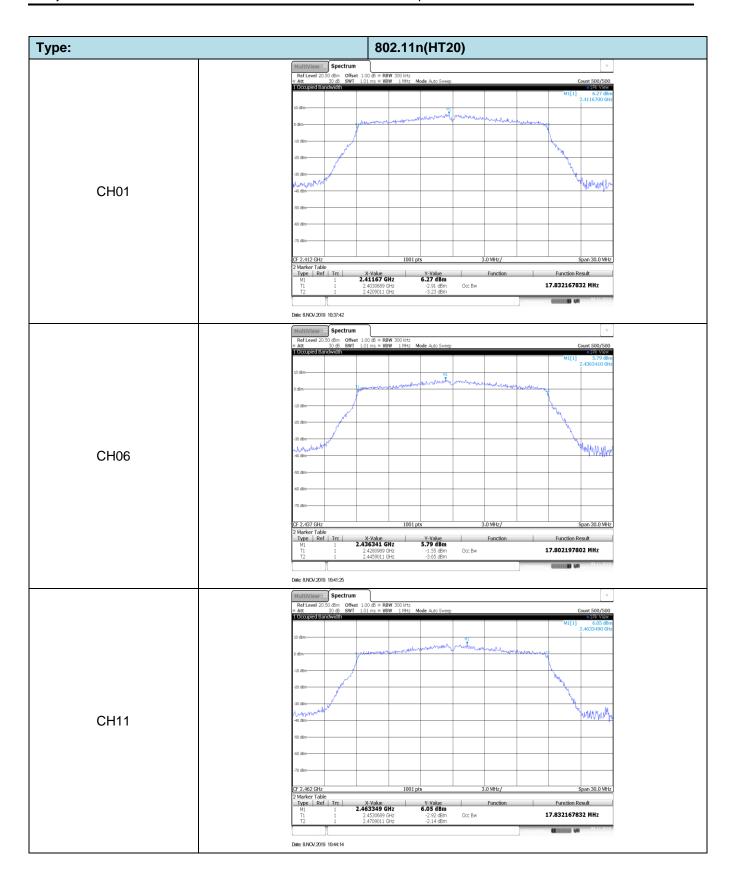


Appendix D: 99% Occupied Bandwidth

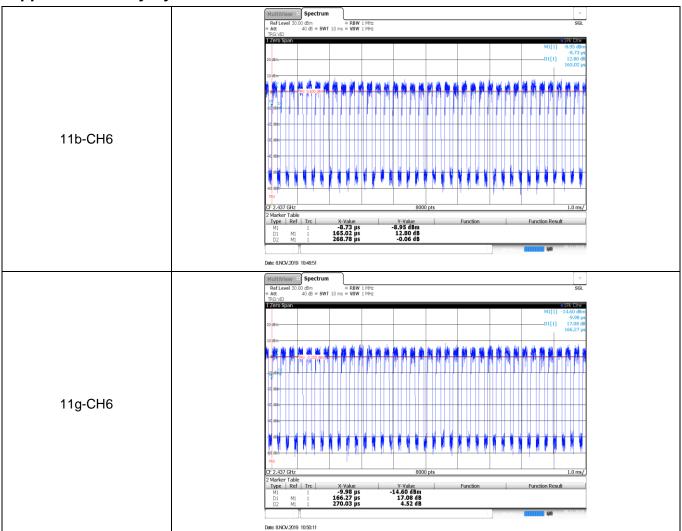
Туре	Channel	99% Bandwidth (MHz)	Limit (kHz)	Result
	01	11.66		
802.11b	06	11.66	≥500	Pass
	11	11.63		
	01	16.45		
802.11g	06	16.45	≥500	Pass
	11	16.45		
	01	17.83		
802.11n(HT20)	06	17.80	≥500	Pass
	11	17.83		



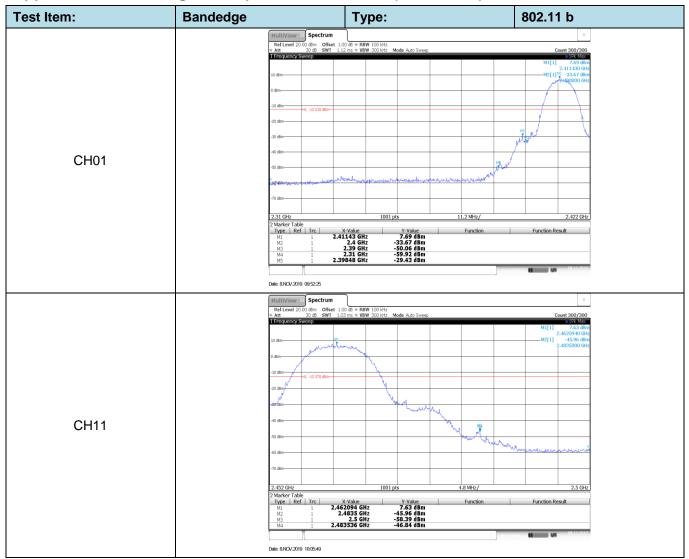


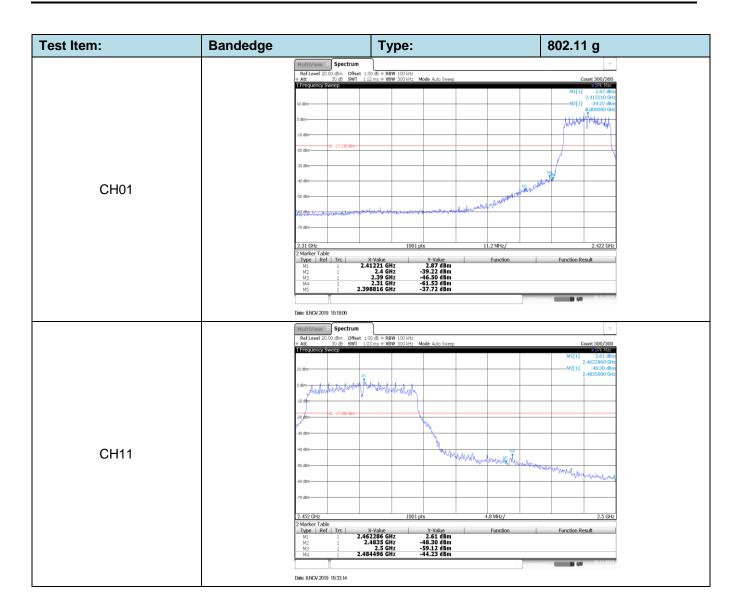


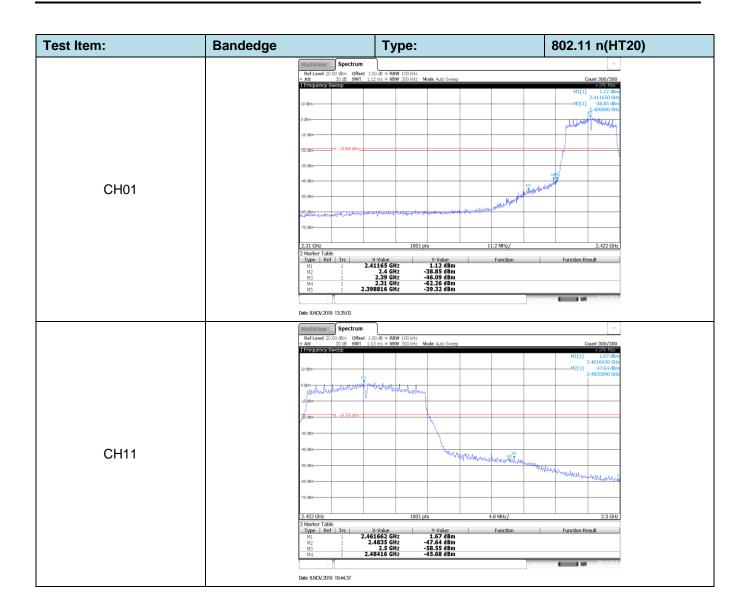
Appendix E: Duty Cycle

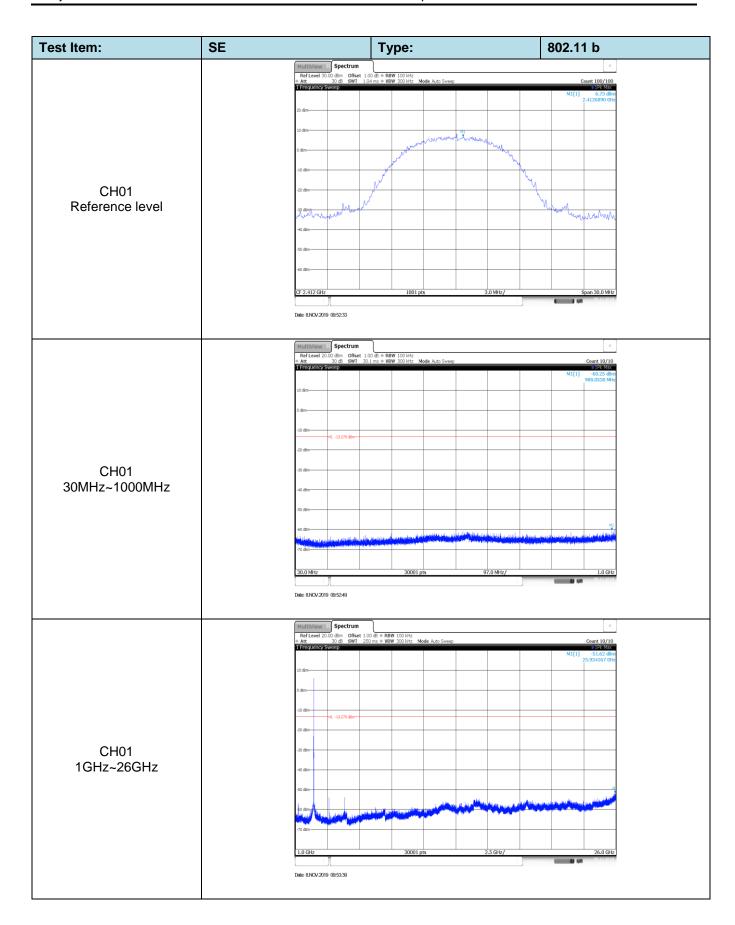


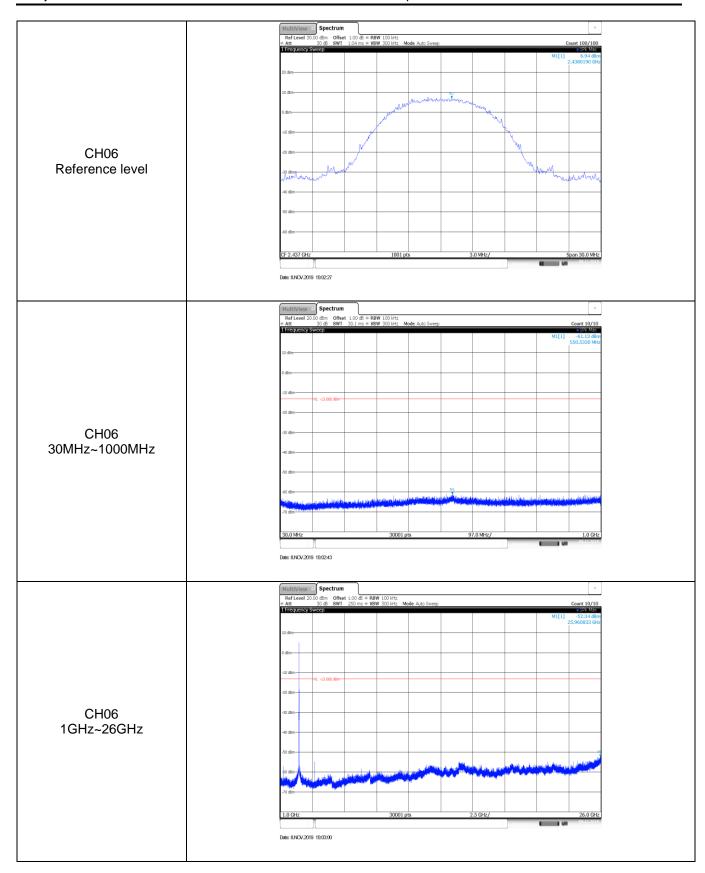
Appendix F: Band edge and Spurious Emissions (conducted)

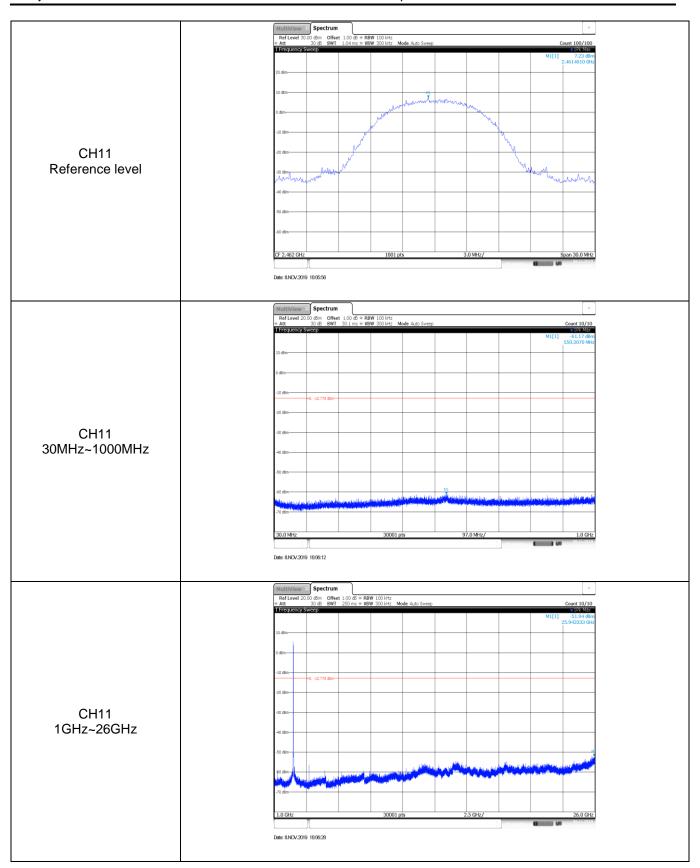


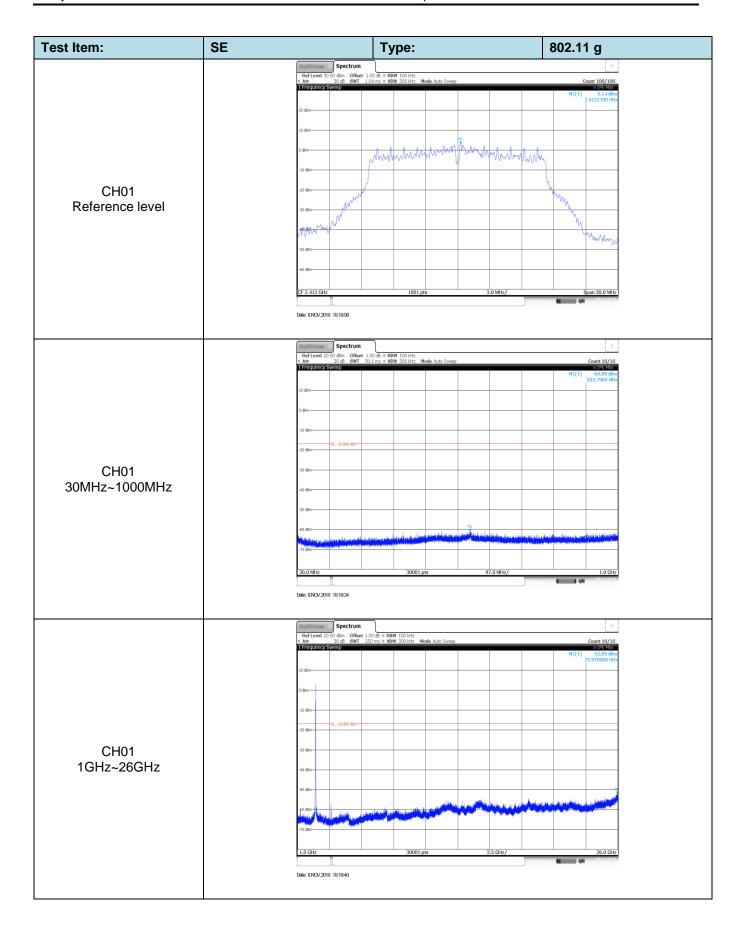


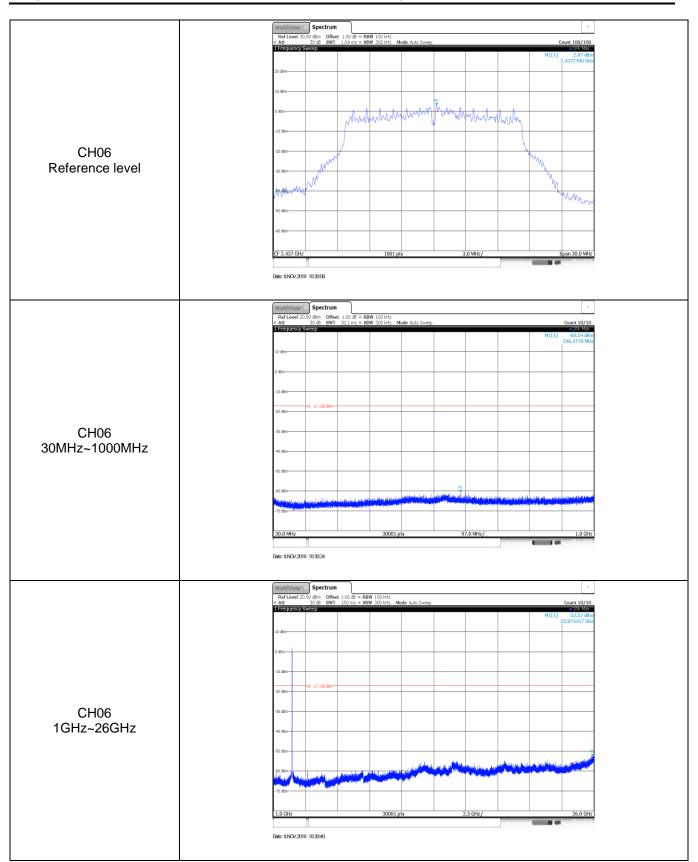


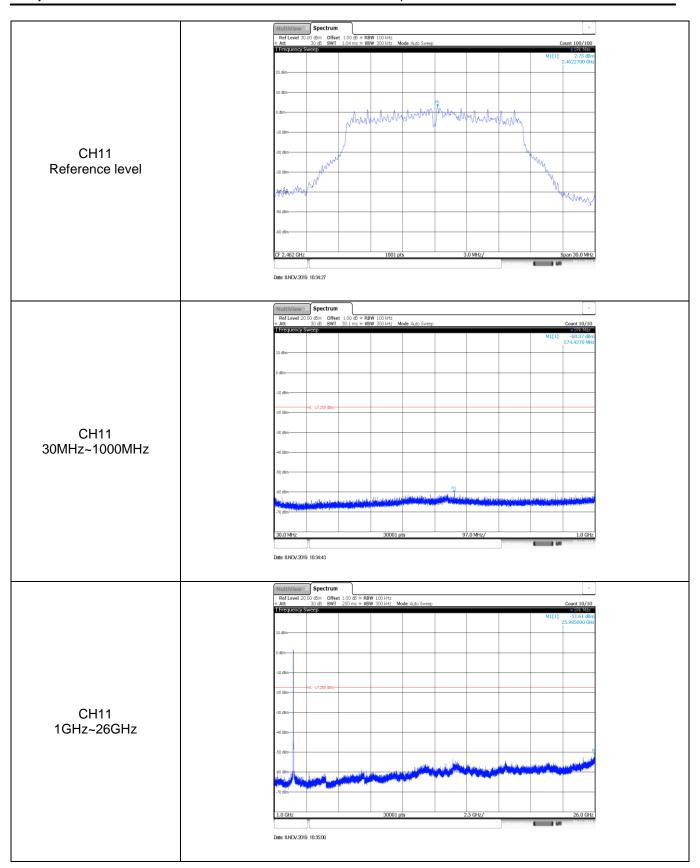


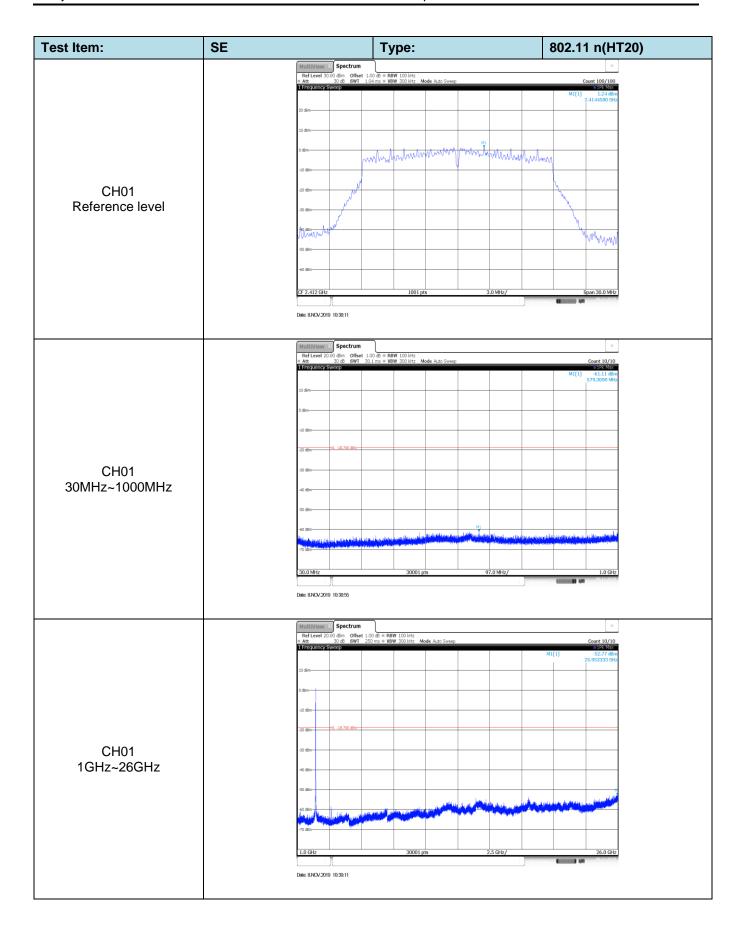


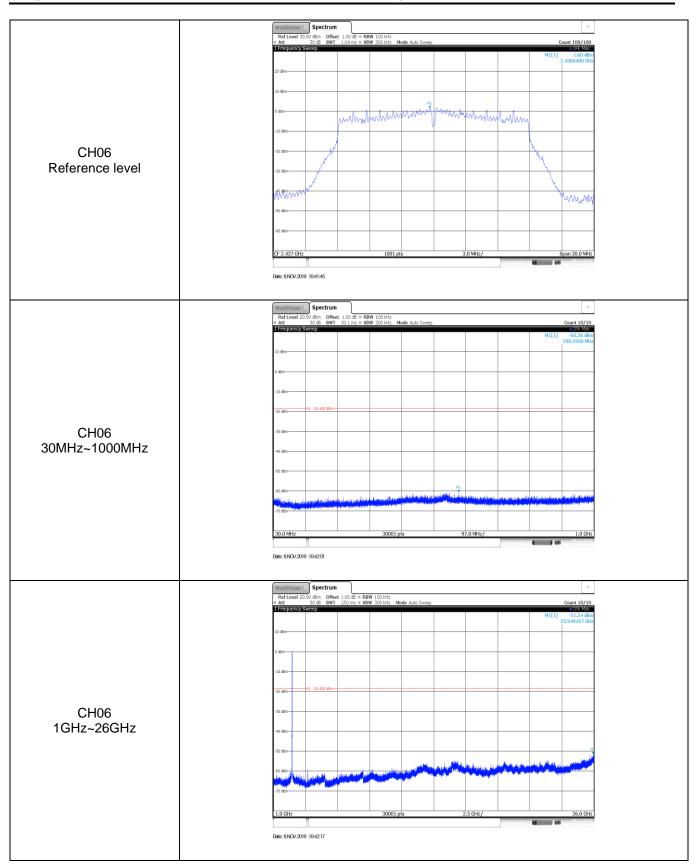


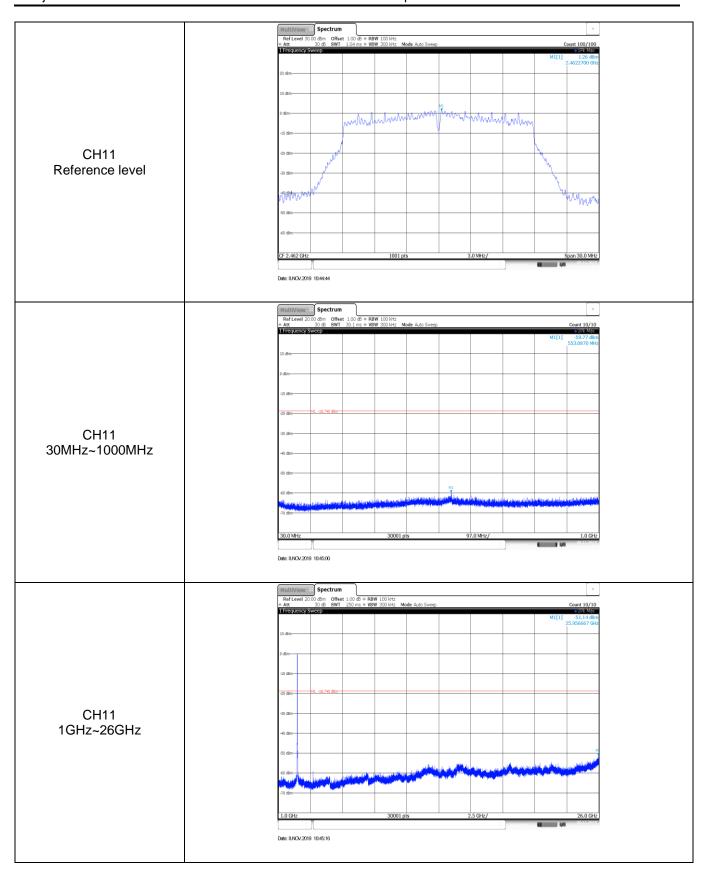












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