

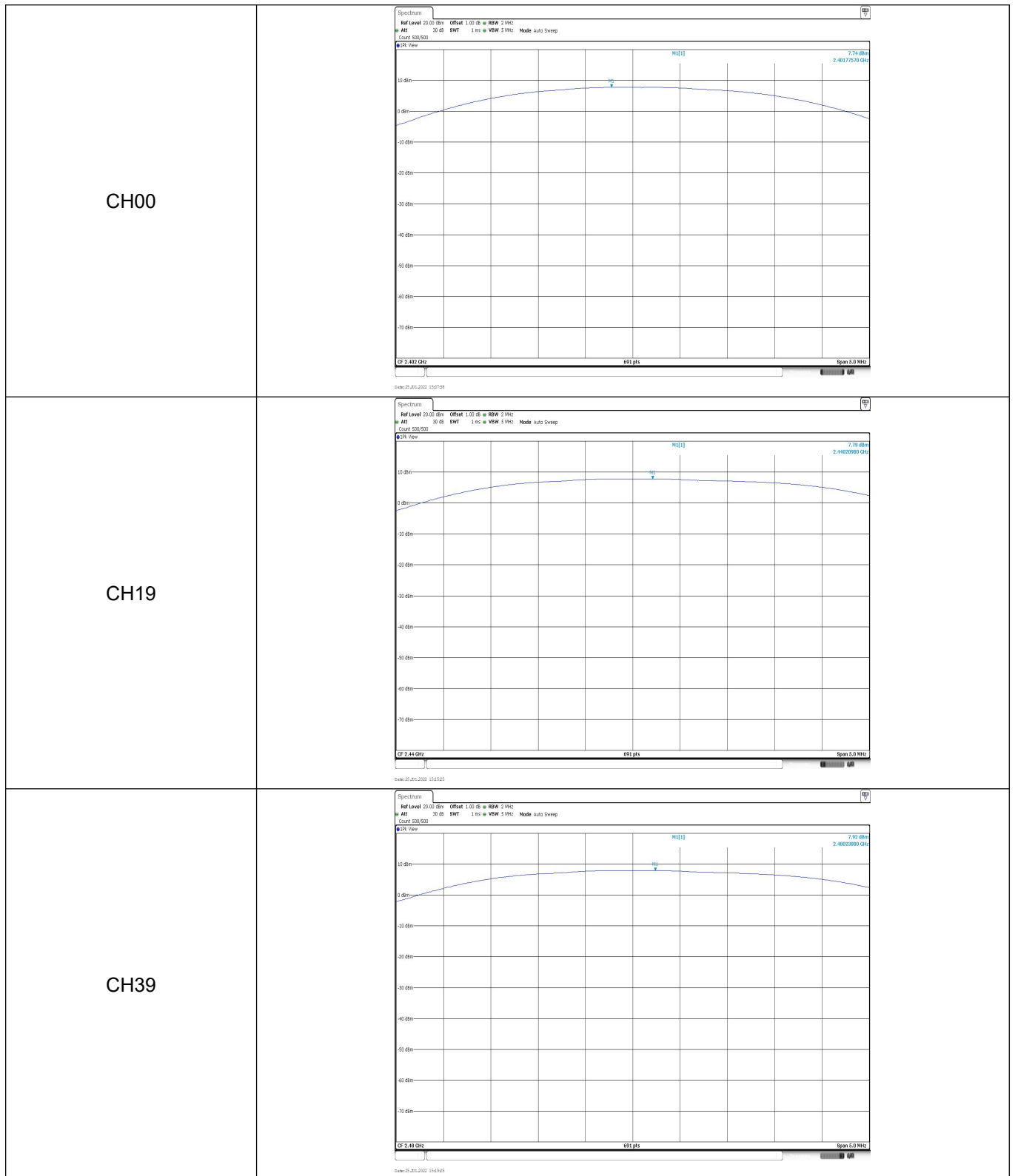
APPENDIX REPORT

Project No.	SHT2207065101EW	Radio Specification	Bluetooth BLE
Test sample No.	YPHT22070651003	Model No.	P270
Start test date	2022-07-25	Finish date	2022-07-26
Temperature	24.2℃	Humidity	49%
Test Engineer	Xiaoxiao Li	Auditor	Xiaodong Zhe

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

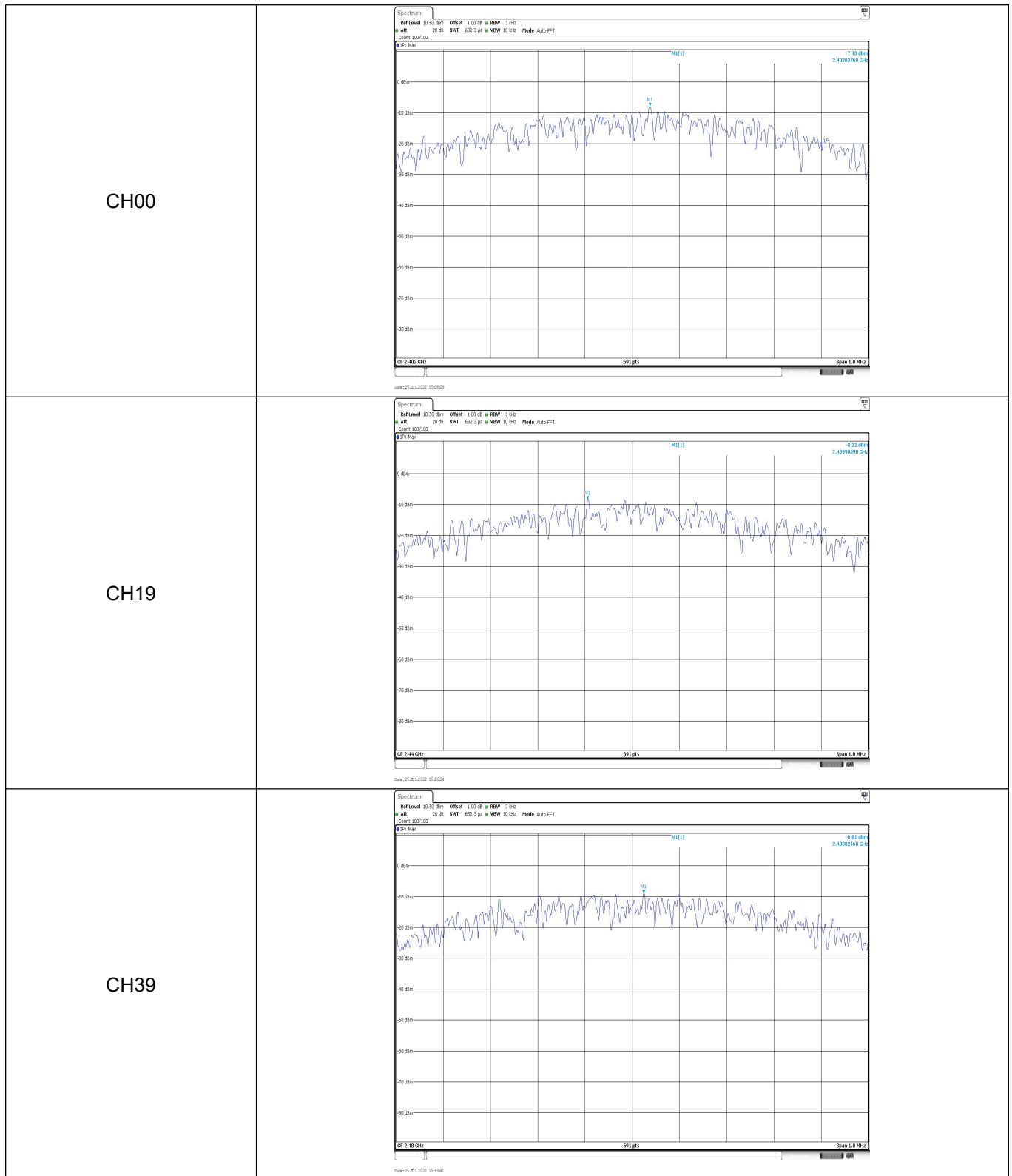
Appendix A: Peak Output Power

Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
BT-BLE	00	7.74	7.72	≤ 30.00	Pass
	19	7.79	7.77		
	39	7.92	7.91		



Appendix B: Power Spectral Density

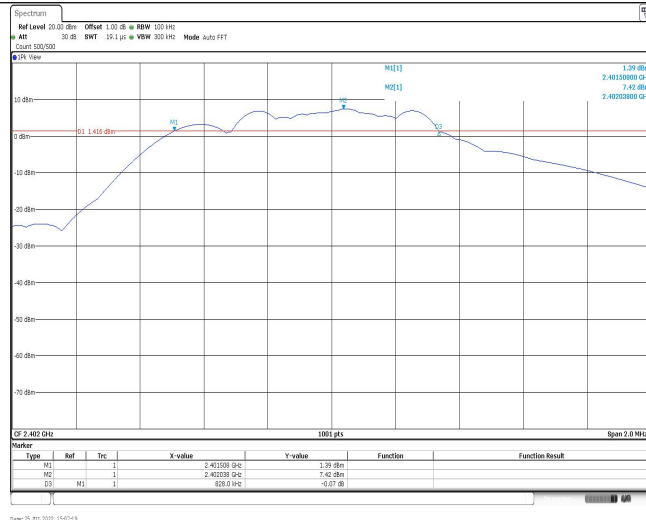
Type	Channel	Power Spectral Density(dBm/3KHz)	Limit (dBm/3KHz)	Result
BT-BLE	00	-7.73	≤8.00	Pass
	19	-8.22		
	39	-8.81		



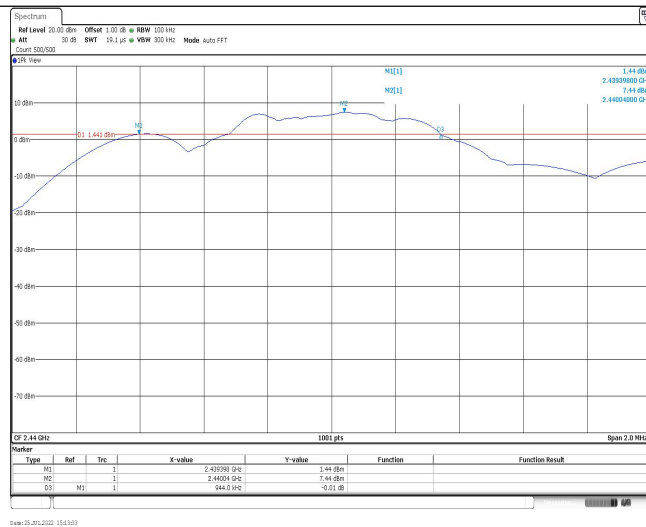
Appendix C: 6dB bandwidth

Type	Channel	6dB Bandwidth(kHz)	Limit (kHz)	Result
BT-BLE	00	828.00	≥500	Pass
	19	944.00		
	39	666.00		

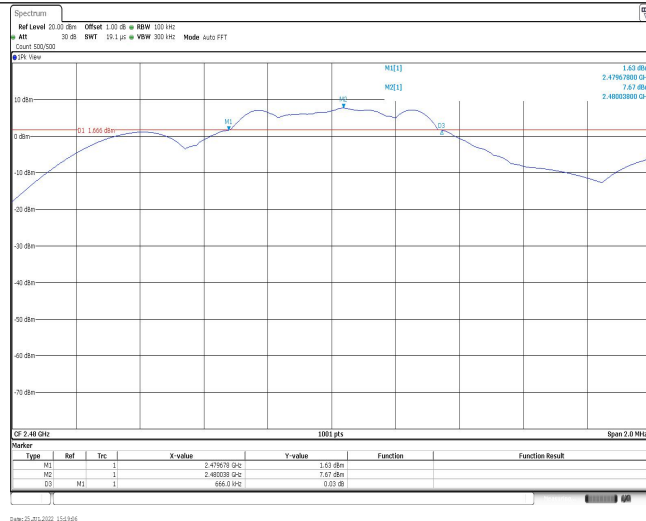
CH00



CH19

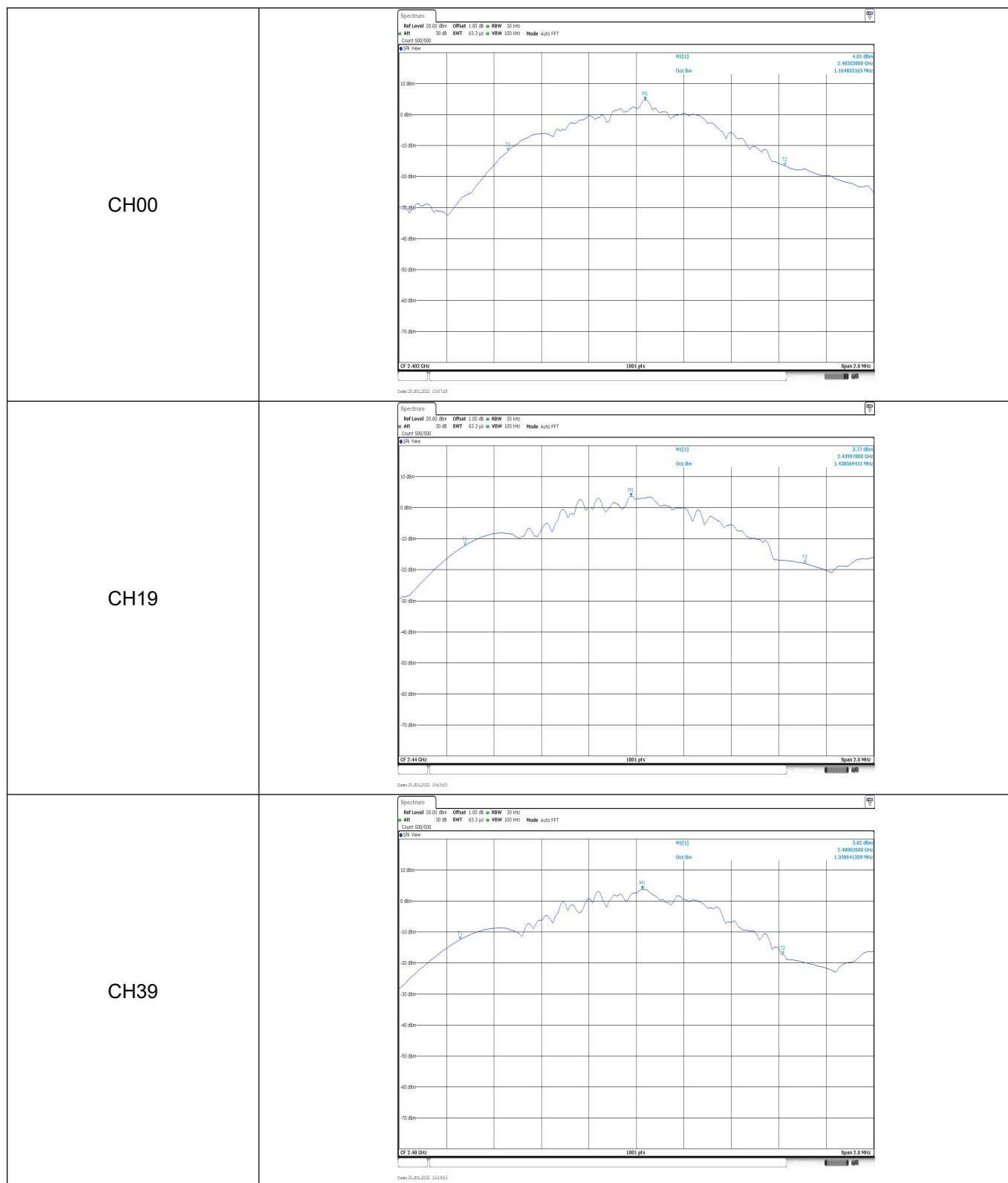


CH39



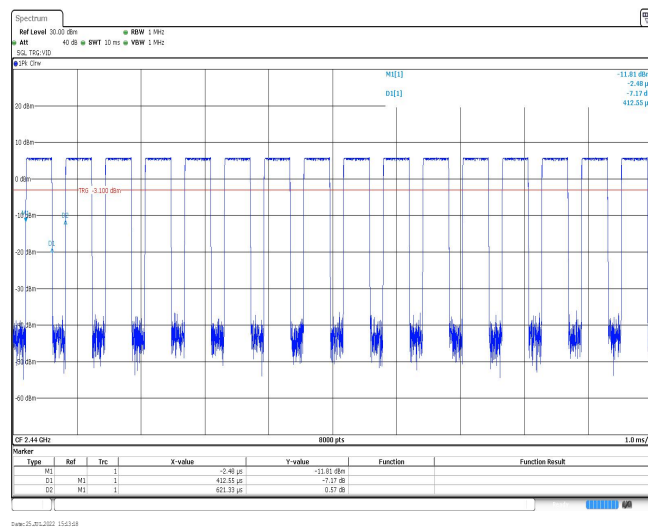
Appendix D: 99% Occupied Bandwidth

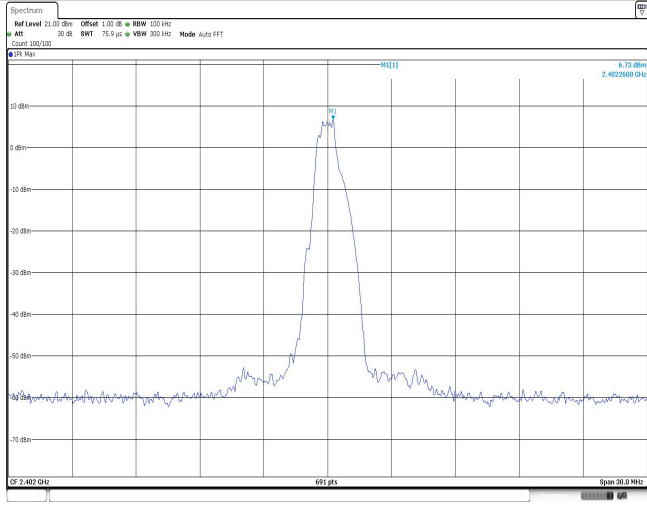
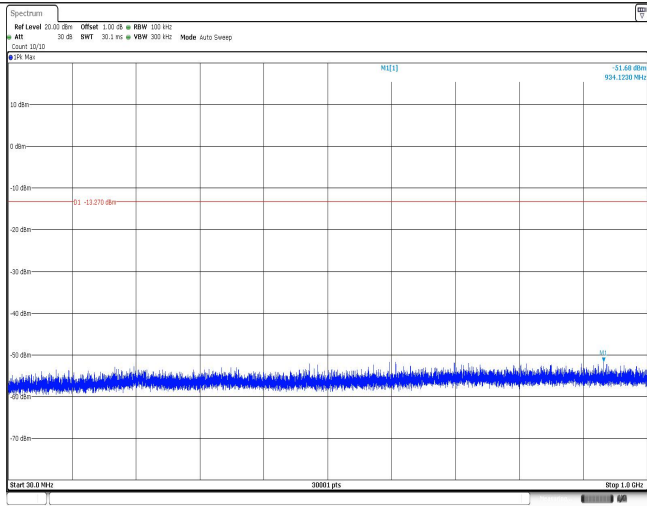
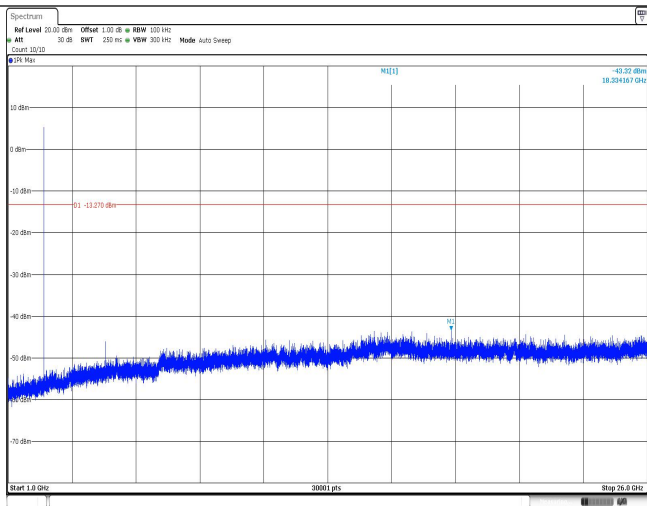
Type	Channel	99% Occupied Bandwidth(MHz)	Limit (kHz)	Result
BT-BLE	00	1.17	-	Pass
	19	1.43		
	39	1.36		

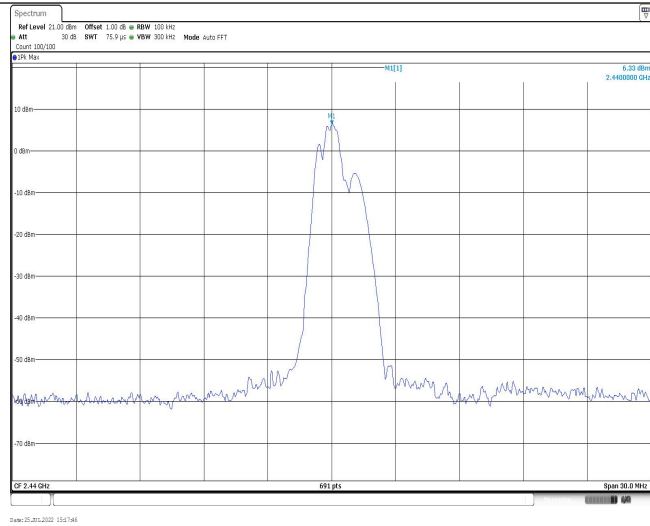
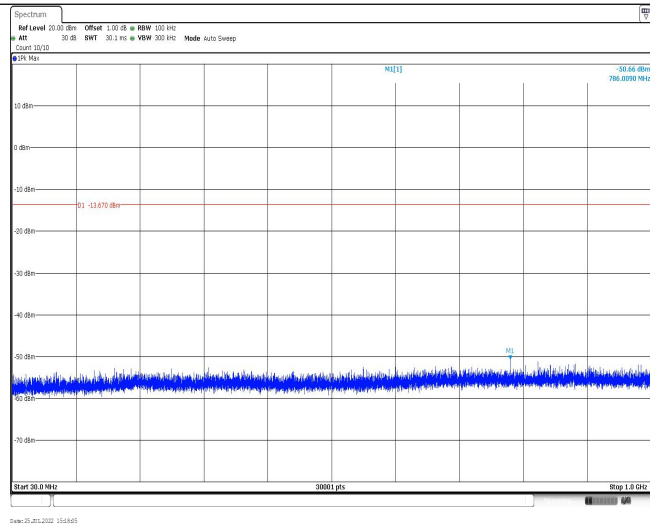
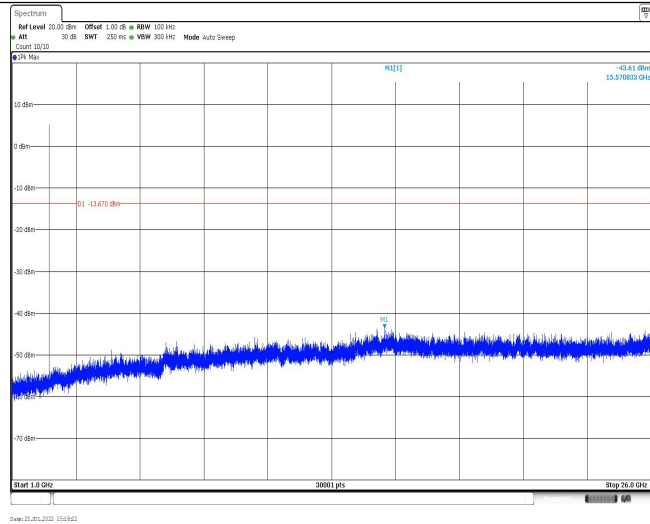


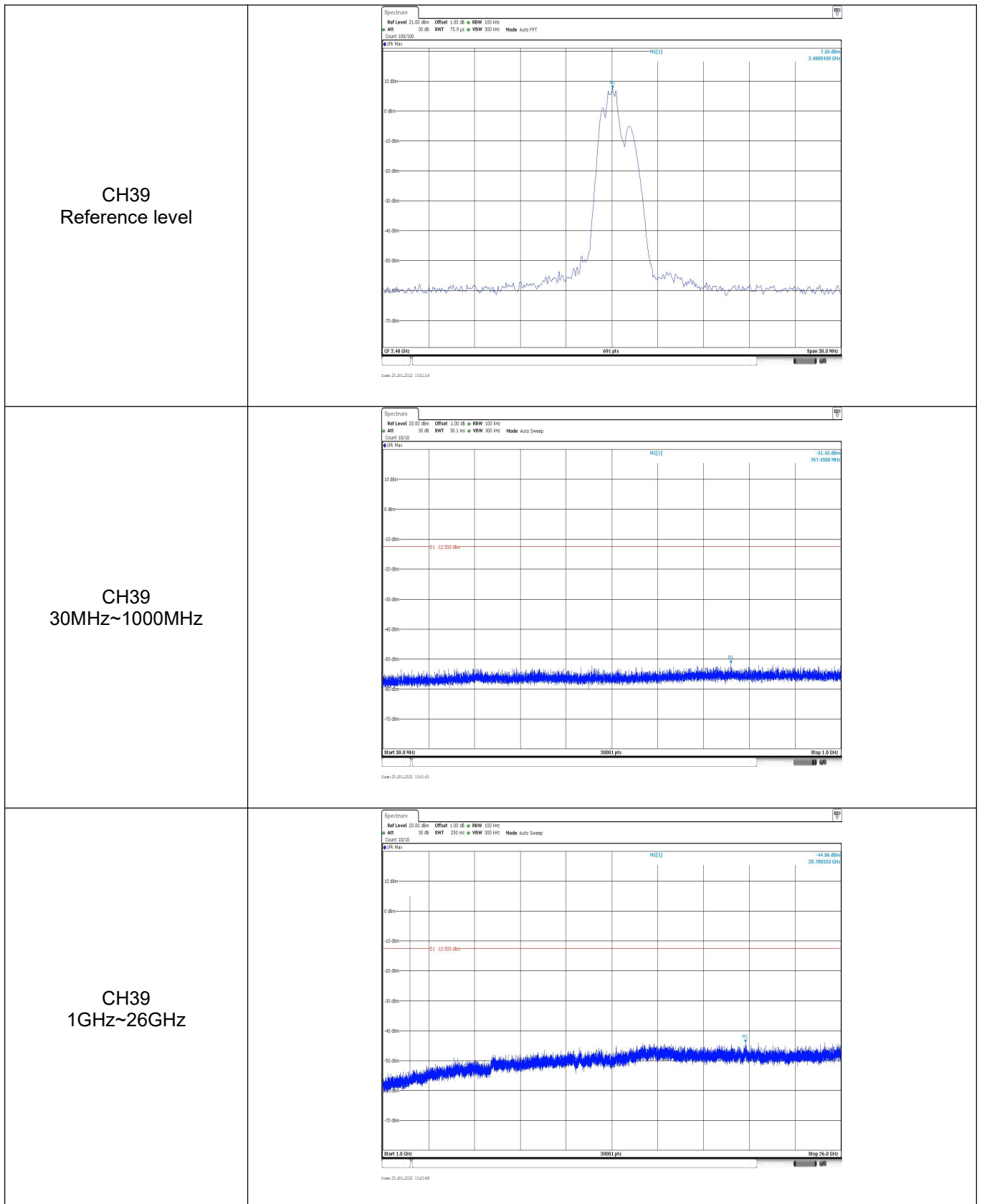
Appendix E: Duty cycle

Test Frequency (MHz)	T _{on} time for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on} time (kHz)
2440	0.41	0.62	66.1%	2.4



Test Item:	SE
CH00 Reference level	 Ref Level 21.00 dBm Offset 1.00 GHz BW 100 kHz Att 30 dB BW 75.9 MHz VSW 300 kHz Mode Auto FFT Count 100/100 Peak Max 6.72 dBm 2.402000 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -90 dBm -100 dBm 2.402 GHz 500 MHz Span 50.0 MHz Date: 25 Jun 2022 15:52:04
CH00 30MHz~1000MHz	 Ref Level 20.00 dBm Offset 1.00 GHz BW 100 kHz Att 30 dB BW 30.1 MHz VSW 300 kHz Mode Auto Sweep Count 10/10 Peak Max 51.68 dBm 524.1230 MHz -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -90 dBm -100 dBm 30.0 MHz 2000 MHz Span 1.0 GHz Date: 25 Jun 2022 15:52:03
CH00 1GHz~26GHz	 Ref Level 20.00 dBm Offset 1.00 GHz BW 100 kHz Att 30 dB BW 25.0 MHz VSW 300 kHz Mode Auto Sweep Count 10/10 Peak Max 43.32 dBm 18.324167 GHz -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -90 dBm -100 dBm 1.0 GHz 26.0 GHz Span 25.0 GHz Date: 25 Jun 2022 15:52:04

CH19
Reference levelCH19
30MHz~1000MHzCH19
1GHz~26GHz



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