

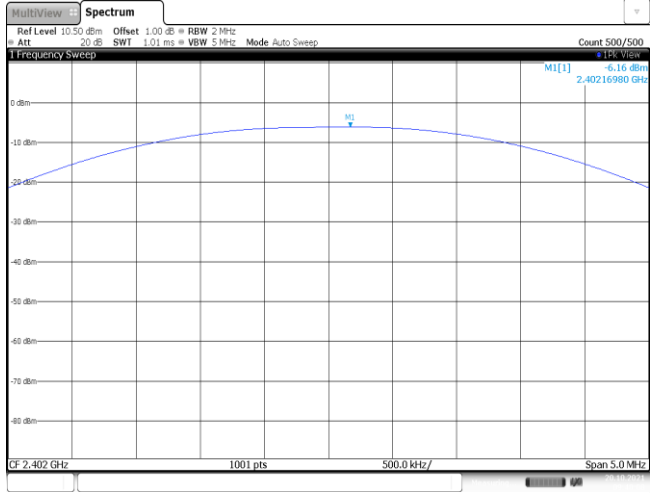
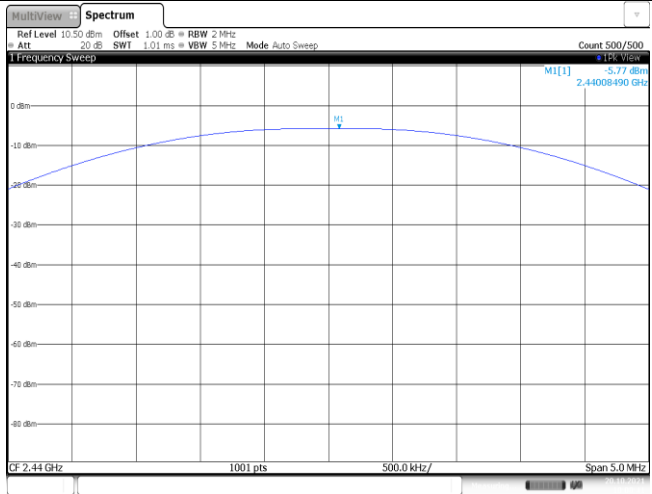
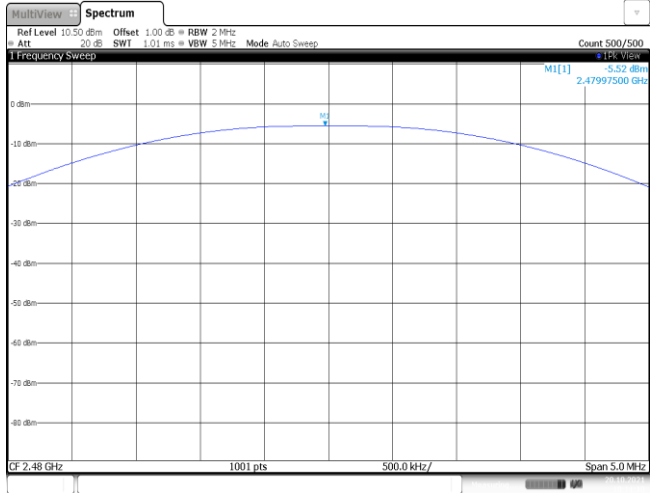
# APPENDIX REPORT

Project No.	SHT2106117003EW	Radio Specification	Bluetooth BLE
Test sample No.	YPHT21061170022	Model No.	C6200
Start test date	2021-10-20	Finish date	2021-10-21
Temperature	26.0°C	Humidity	38%
Test Engineer	Xiaoqin 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

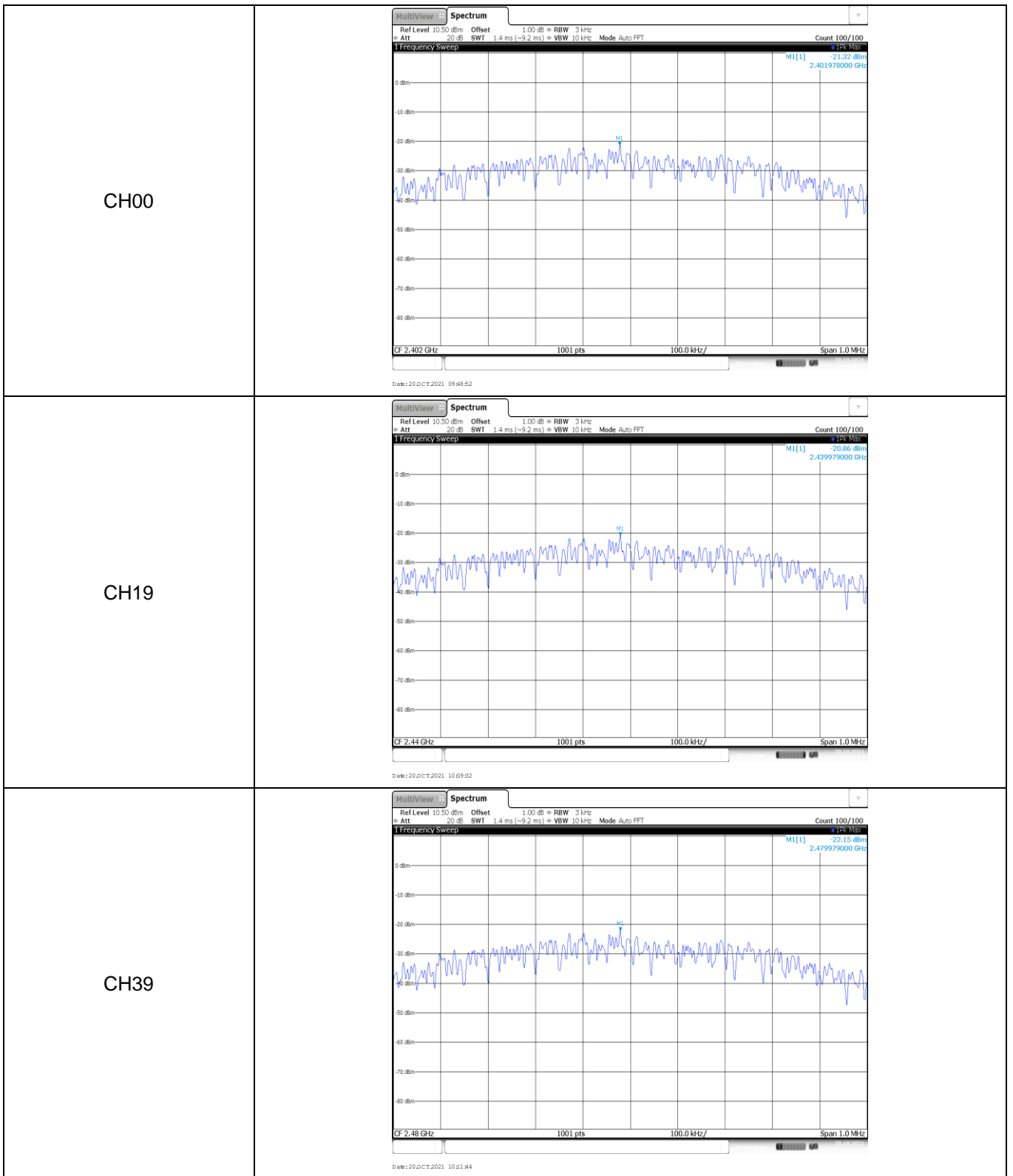
**Appendix A: Peak Output Power**

Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
BT-BLE	00	-6.16	-6.24	≤ 30.00	Pass
	19	-5.77	-5.86		
	39	-5.52	-5.61		

CH00	 <p>Ref Level 10.50 dBm Offset 1.00 dB RBW 2 MHz Att 20 dB SWI 1.01 ms VBW 5 MHz Mode Auto Sweep Count 500/500 M1[1] -6.16 dBm 2.40216980 GHz CF 2.402 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 20.DCT.2021 09:48:08</p>
CH19	 <p>Ref Level 10.50 dBm Offset 1.00 dB RBW 2 MHz Att 20 dB SWI 1.01 ms VBW 5 MHz Mode Auto Sweep Count 500/500 M1[1] -5.77 dBm 2.44008490 GHz CF 2.44 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 20.DCT.2021 10:08:41</p>
CH39	 <p>Ref Level 10.50 dBm Offset 1.00 dB RBW 2 MHz Att 20 dB SWI 1.01 ms VBW 5 MHz Mode Auto Sweep Count 500/500 M1[1] -5.52 dBm 2.47997500 GHz CF 2.48 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 20.DCT.2021 10:11:09</p>

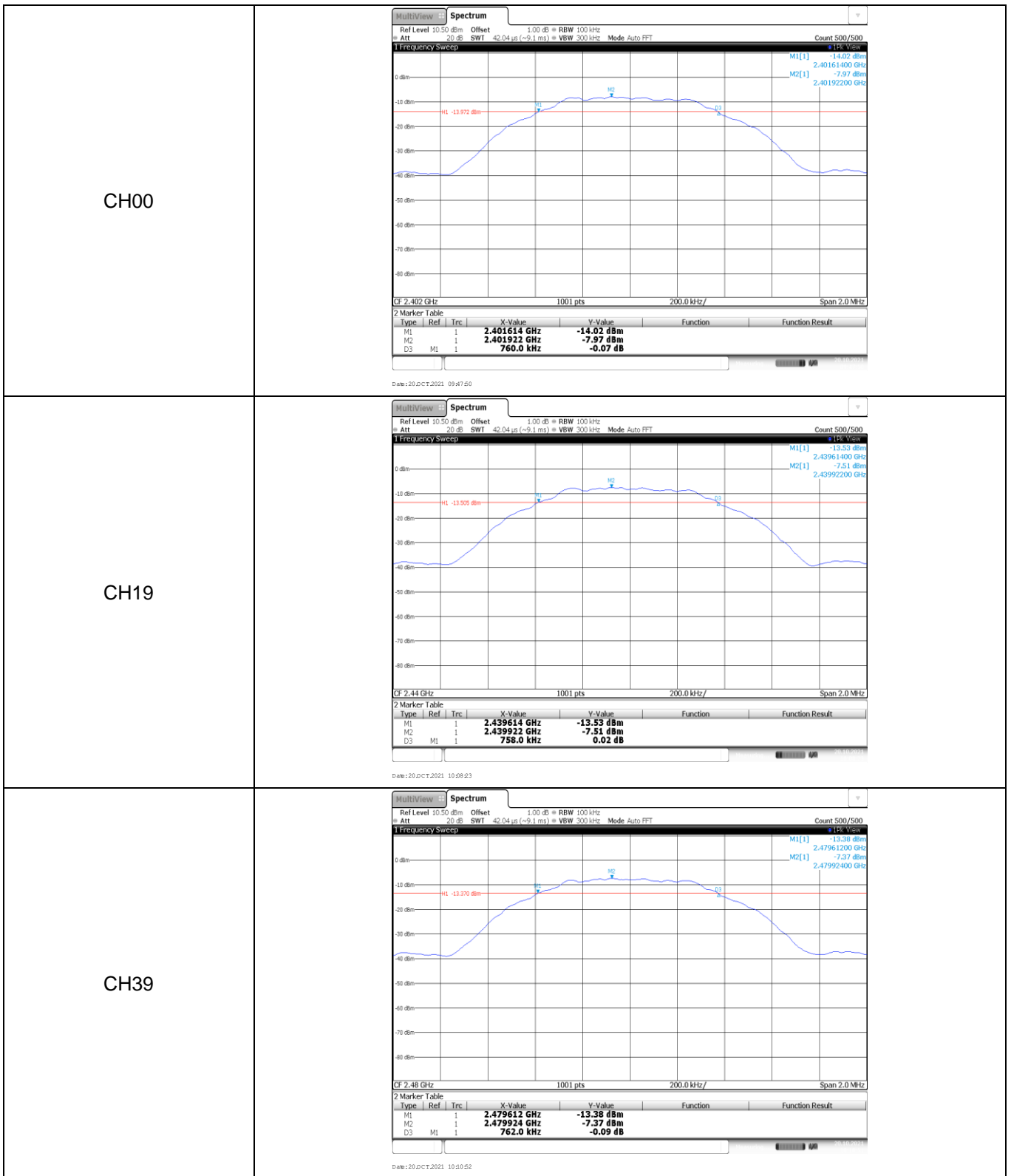
**Appendix B: Power Spectral Density**

Type	Channel	Power Spectral Density(dBm/3KHz)	Limit (dBm/3KHz)	Result
BT-BLE	00	-21.32	≤8.00	Pass
	19	-20.86		
	39	-22.15		



**Appendix C: 6dB bandwidth**

Type	Channel	6dB Bandwidth(kHz)	Limit (kHz)	Result
BT-BLE	00	760.00	≥500	Pass
	19	758.00		
	39	762.00		

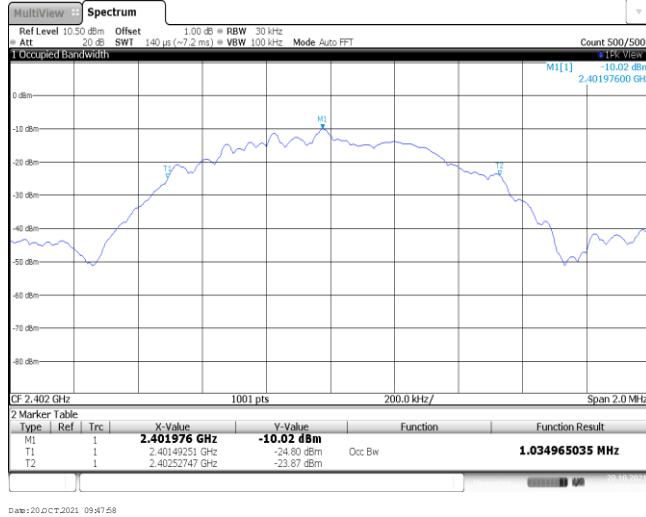


**Appendix D: 99% Occupied Bandwidth**

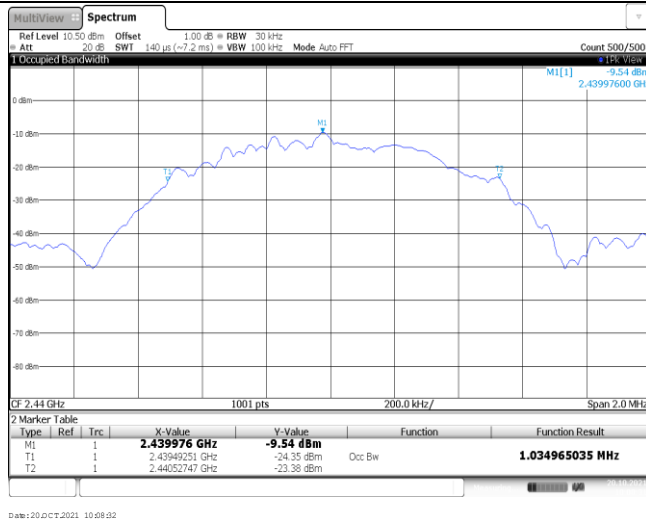
Type	Channel	99% Occupied Bandwidth(MHz)	Limit (kHz)	Result
BT-BLE	00	1.03	-	Pass
	19	1.03		
	39	1.03		



CH00



CH19

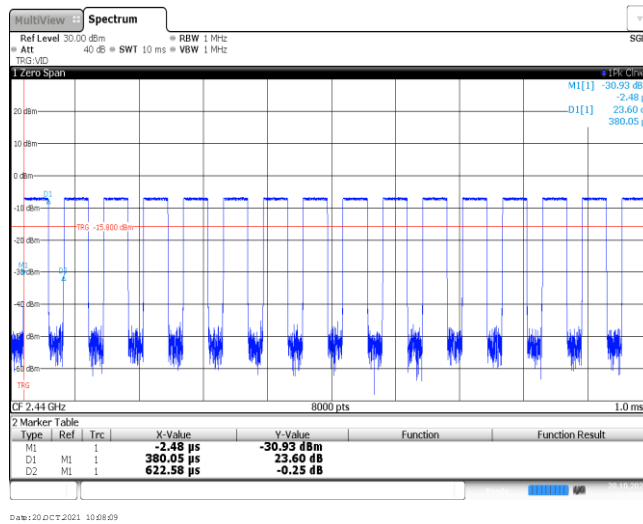


CH39

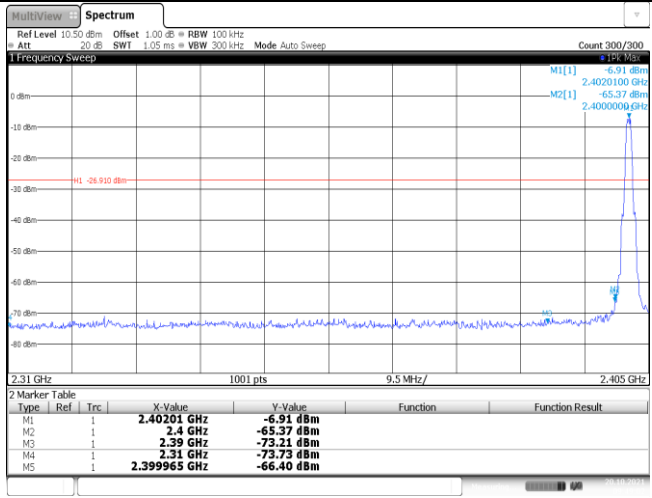
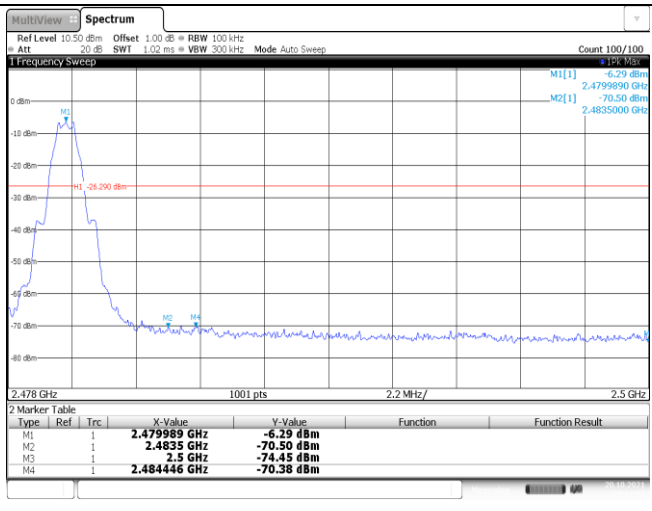


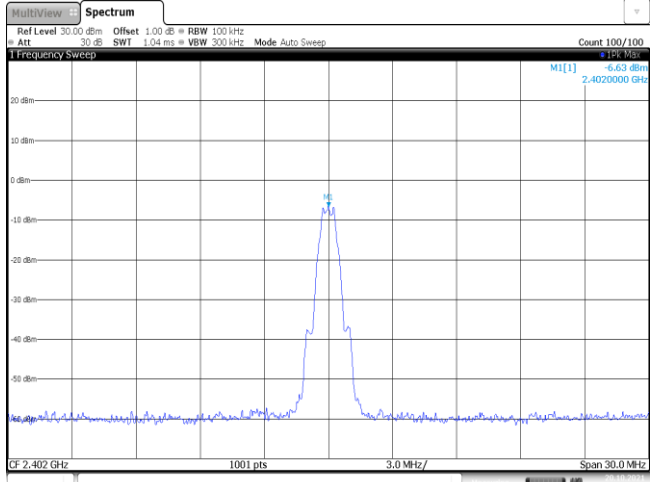
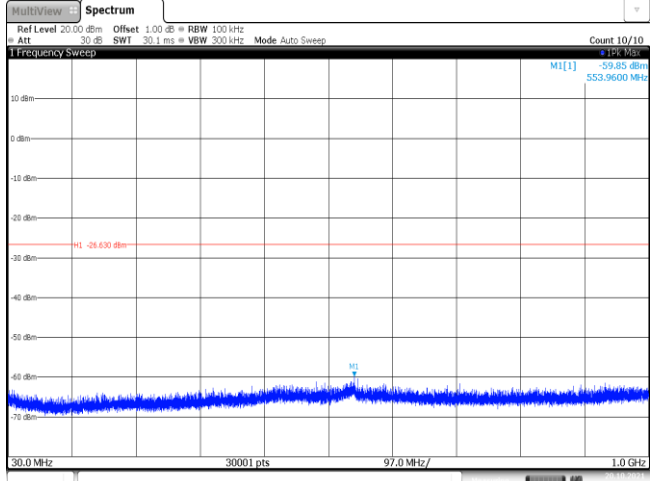
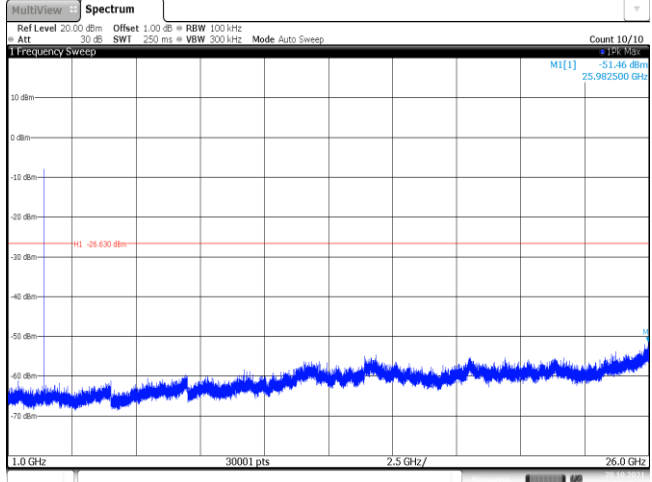
### Appendix E: Duty cycle

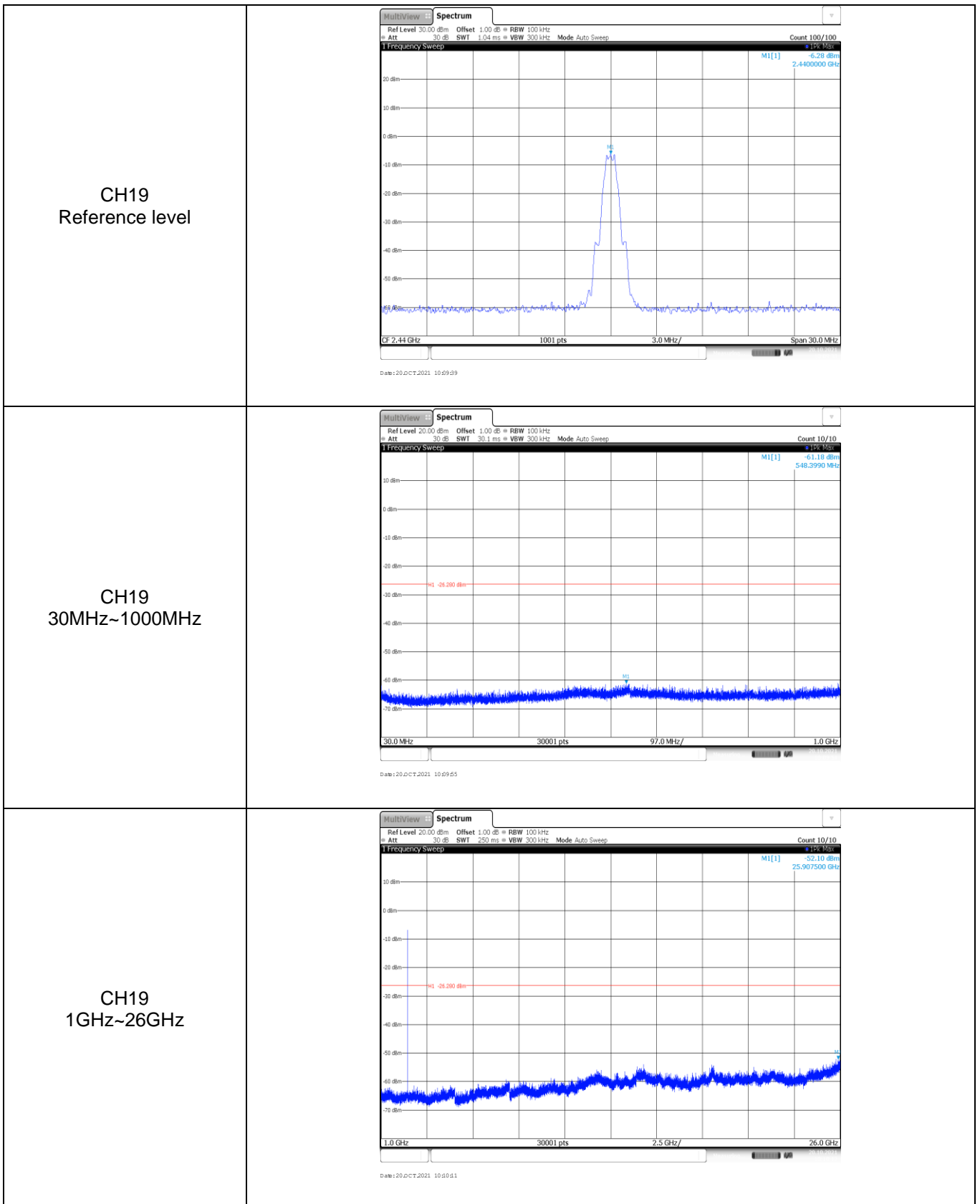
Test Frequency (MHz)	T <sub>on</sub> time for single burst (ms)	T <sub>period</sub> (ms)	Duty cycle	1/T <sub>on</sub> time (kHz)
2440	0.38	0.62	61.3%	2.6

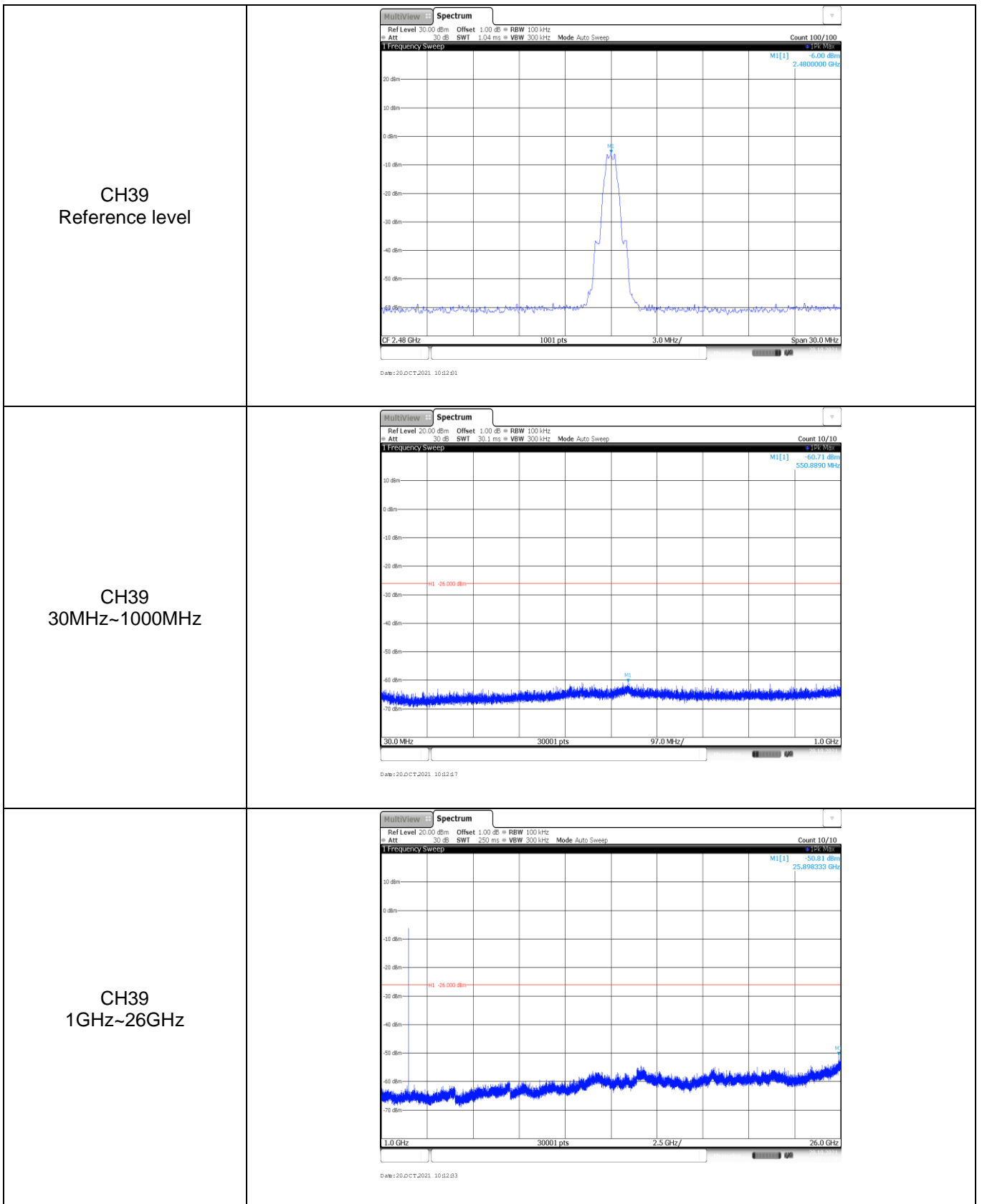


### Appendix F: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge																																										
<p style="text-align: center;">CH00</p>	 <p><b>2 Marker Table</b></p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.40201 GHz</td> <td>-6.91 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-65.37 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-73.21 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-73.73 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-66.40 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 20/07/2021 09:49:02</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40201 GHz	-6.91 dBm			M2	1		2.4 GHz	-65.37 dBm			M3	1		2.39 GHz	-73.21 dBm			M4	1		2.31 GHz	-73.73 dBm			M5	1		2.399965 GHz	-66.40 dBm		
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M1	1		2.479989 GHz	-6.29 dBm																																							
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Test Item:	SE
<p>CH00 Reference level</p>	
<p>CH00 30MHz~1000MHz</p>	
<p>CH00 1GHz~26GHz</p>	





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