

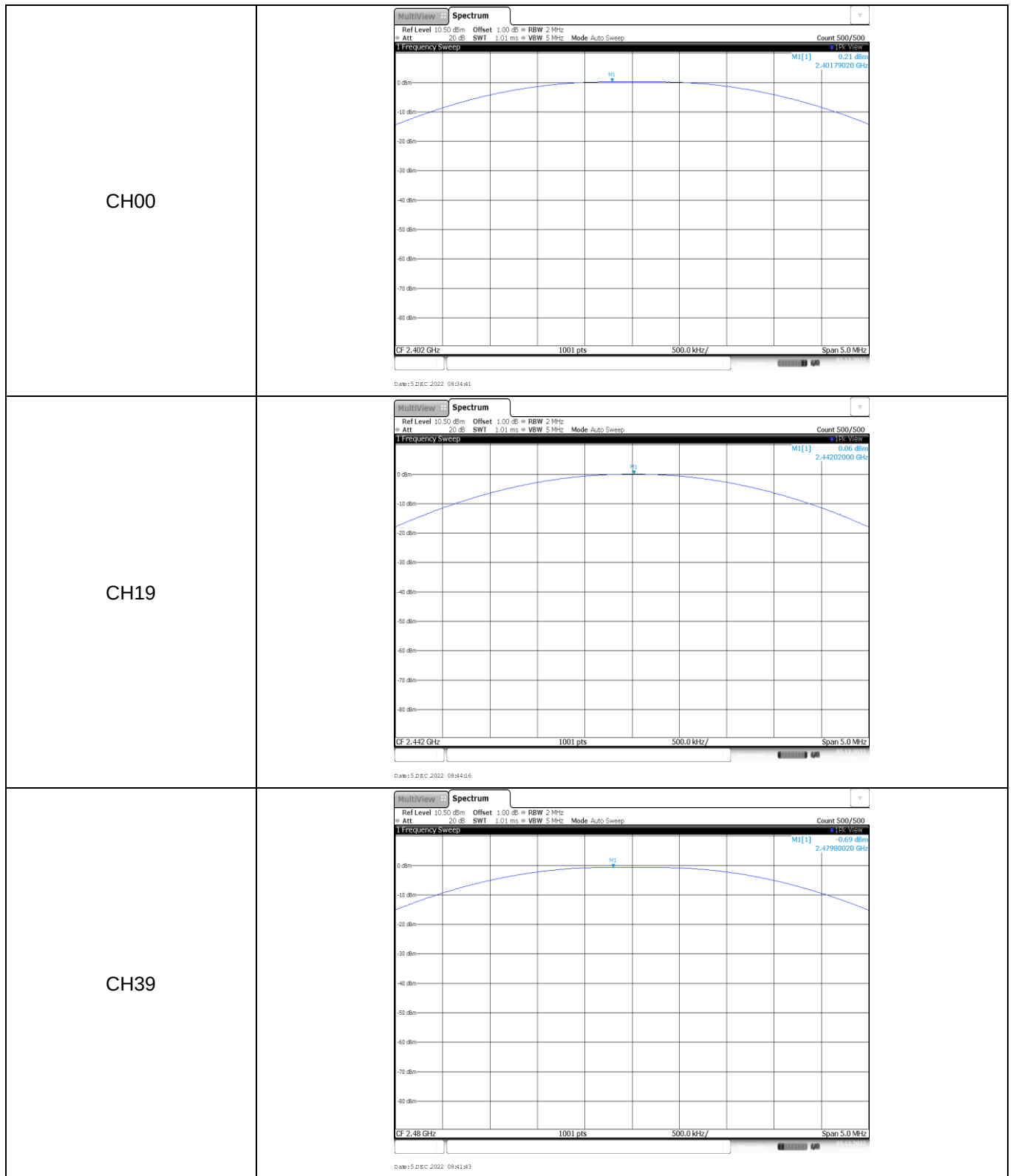
APPENDIX REPORT

Project No.	SHT2209083917EW	Radio Specification	Bluetooth BLE
Test sample No.	YPHT22090839033	Model No.	Second Sight V2
Start test date	2022-12-05	Finish date	2022-12-06
Temperature	24.8	Humidity	35%
Test Engineer	Xiaoxiao Li	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

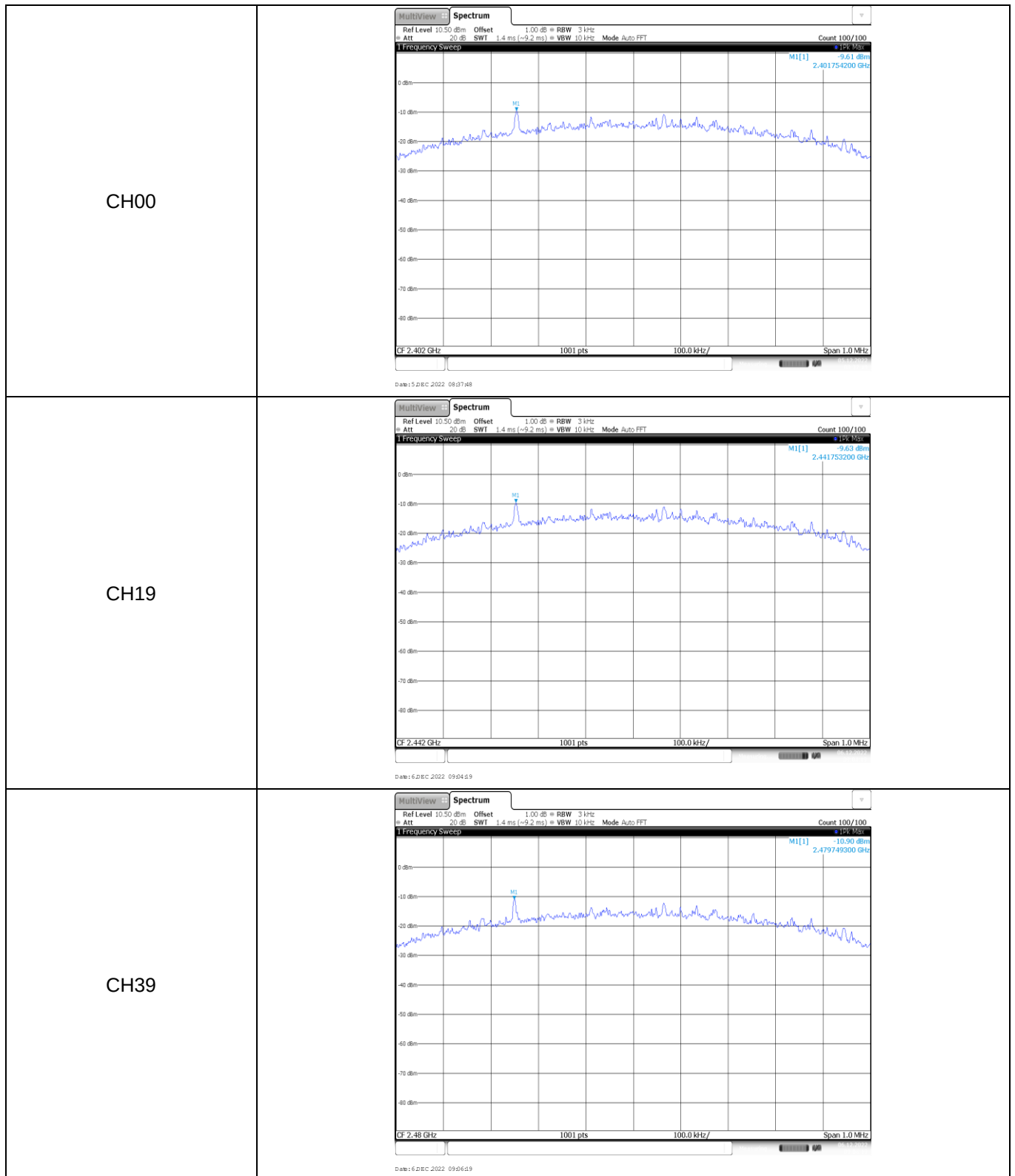
Appendix A: Peak Output Power

Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
BT-BLE	00	0.21	0.17	≤ 30.00	Pass
	19	0.06	0.05		
	39	-0.69	-0.71		



Appendix B: Power Spectral Density

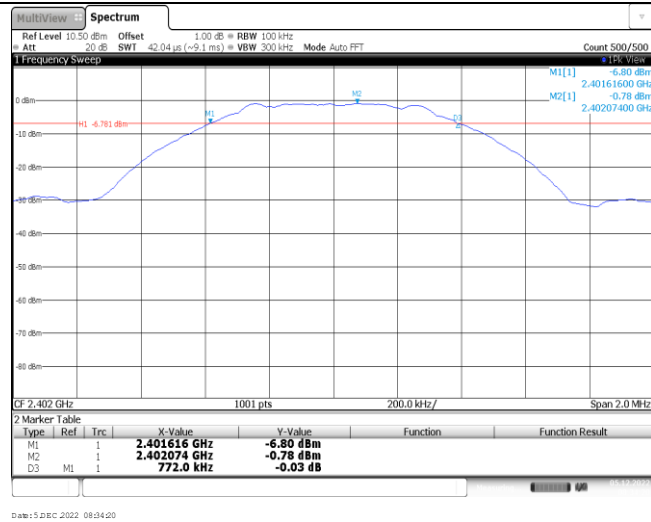
Type	Channel	Power Spectral Density(dBm/3KHz)	Limit (dBm/3KHz)	Result
BT-BLE	00	-9.61	≤8.00	Pass
	19	-9.63		
	39	-10.90		



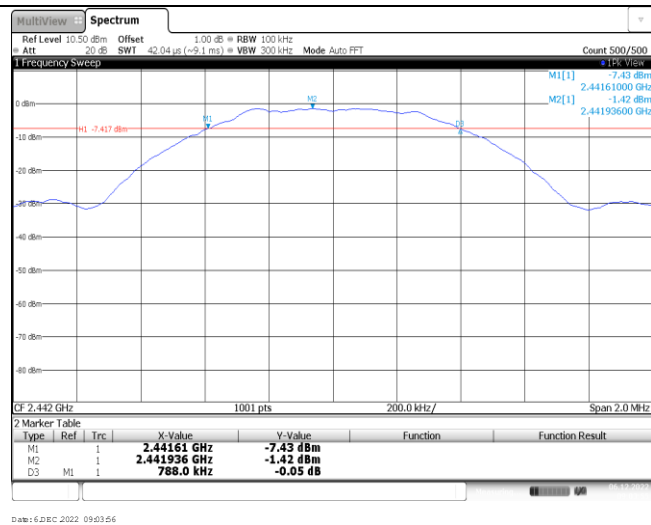
Appendix C: 6dB bandwidth

Type	Channel	6dB Bandwidth(kHz)	Limit (kHz)	Result
BT-BLE	00	772.00	≥500	Pass
	19	788.00		
	39	806.00		

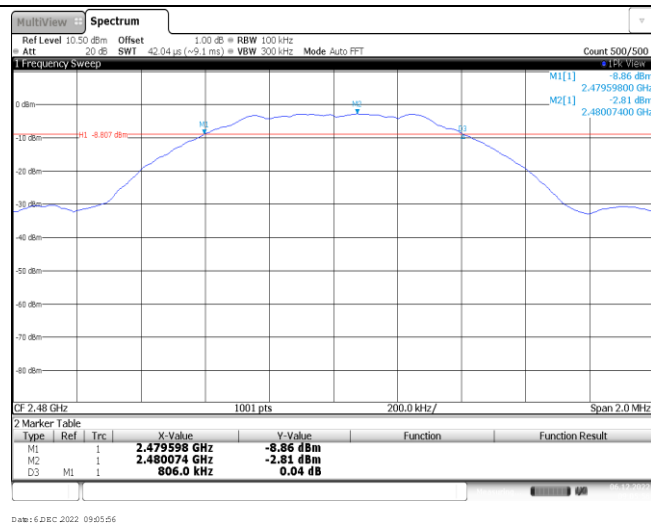
CH00



CH19



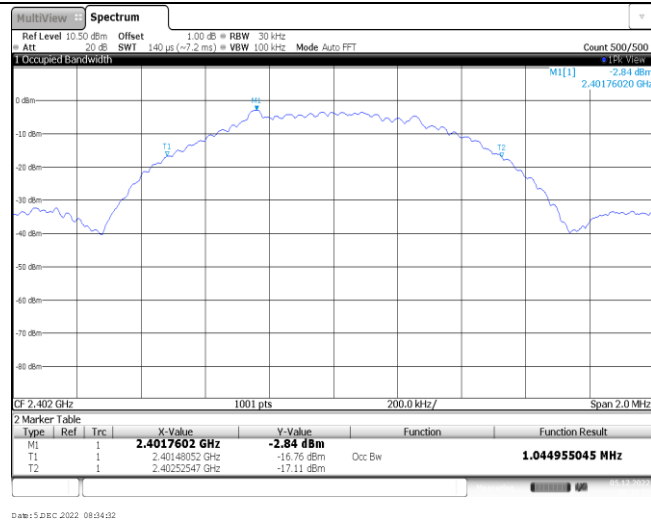
CH39



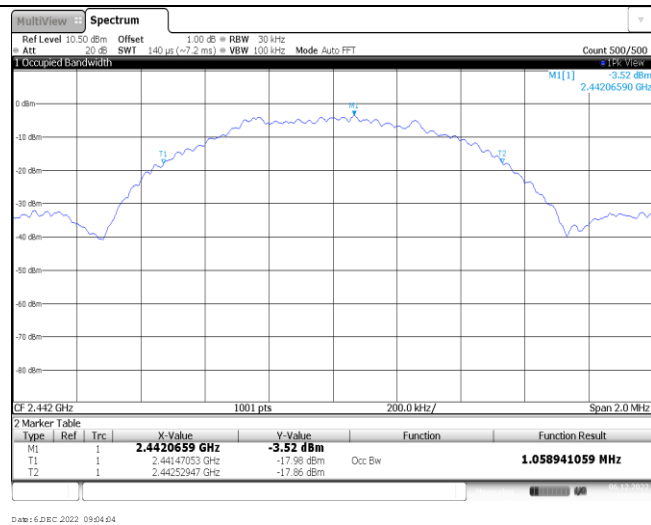
Appendix D: 99% Occupied Bandwidth

Type	Channel	99% Occupied Bandwidth(MHz)	Limit (kHz)	Result
BT-BLE	00	1.04	-	Pass
	19	1.06		
	39	1.06		

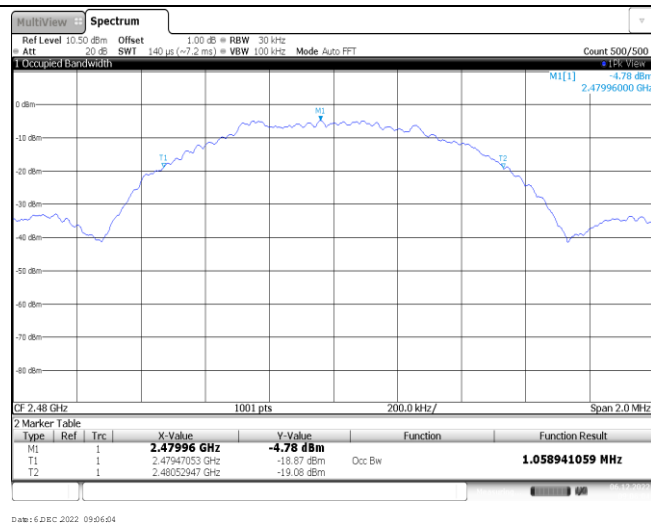
CH00



CH19

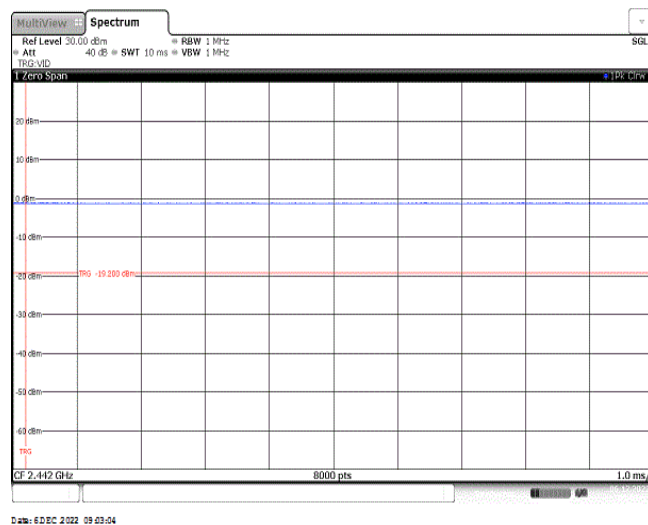


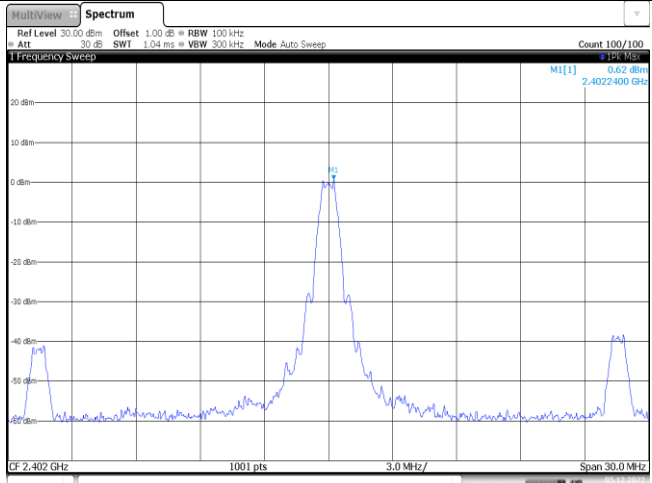
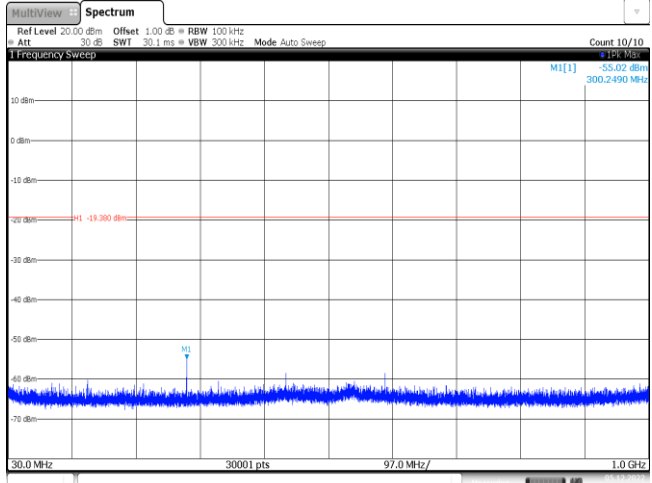
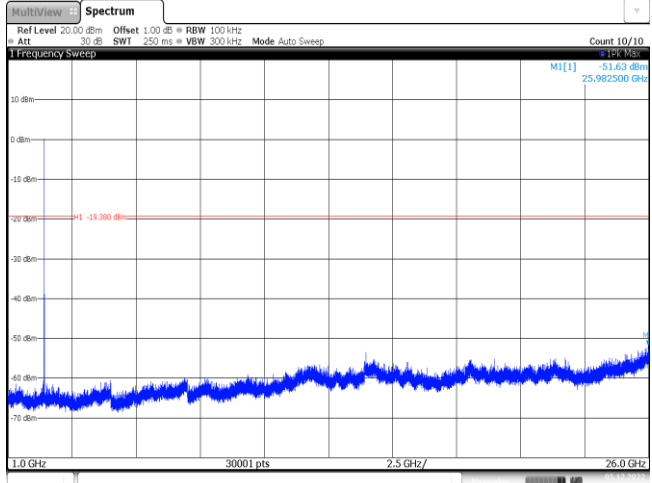
CH39

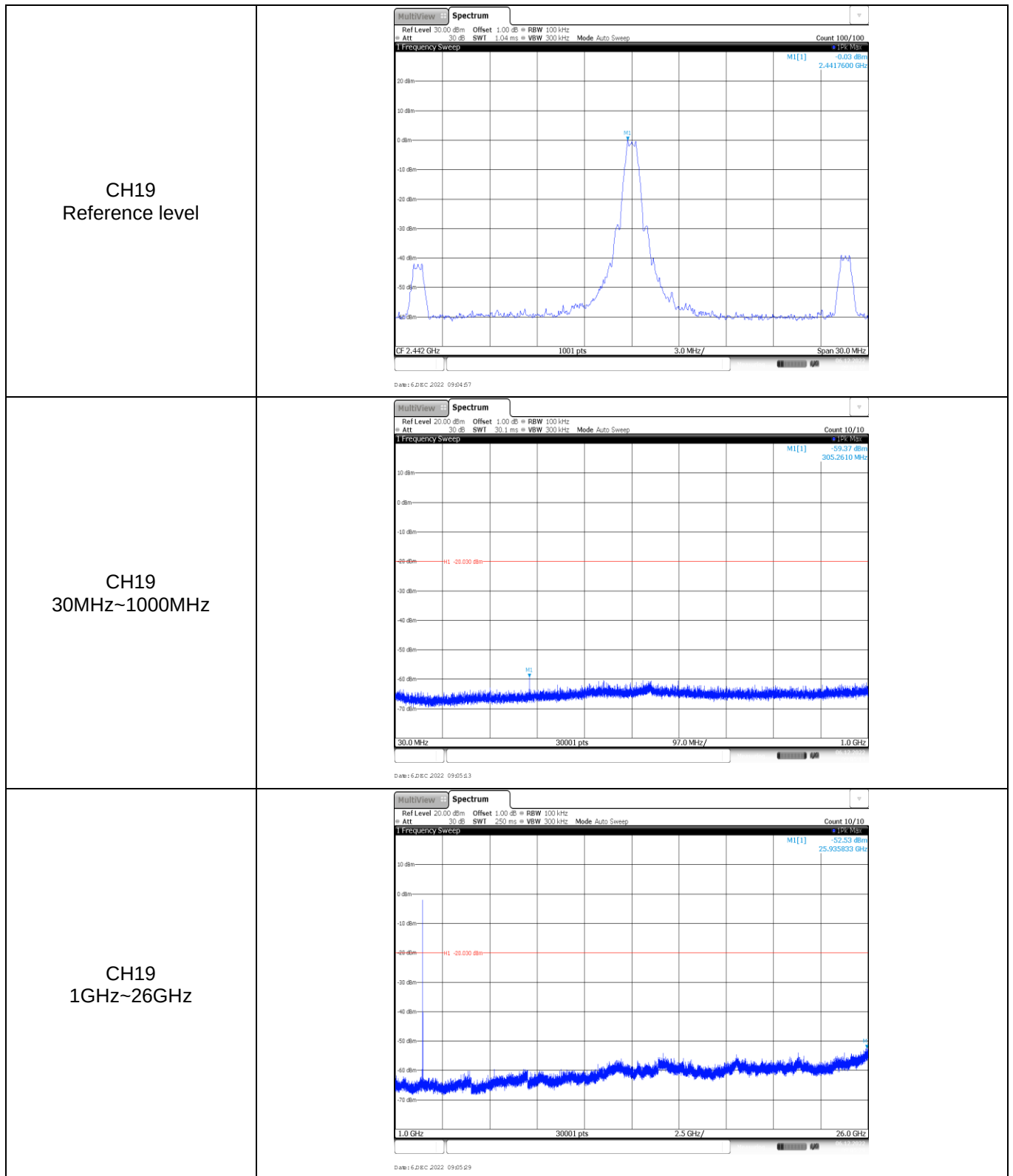


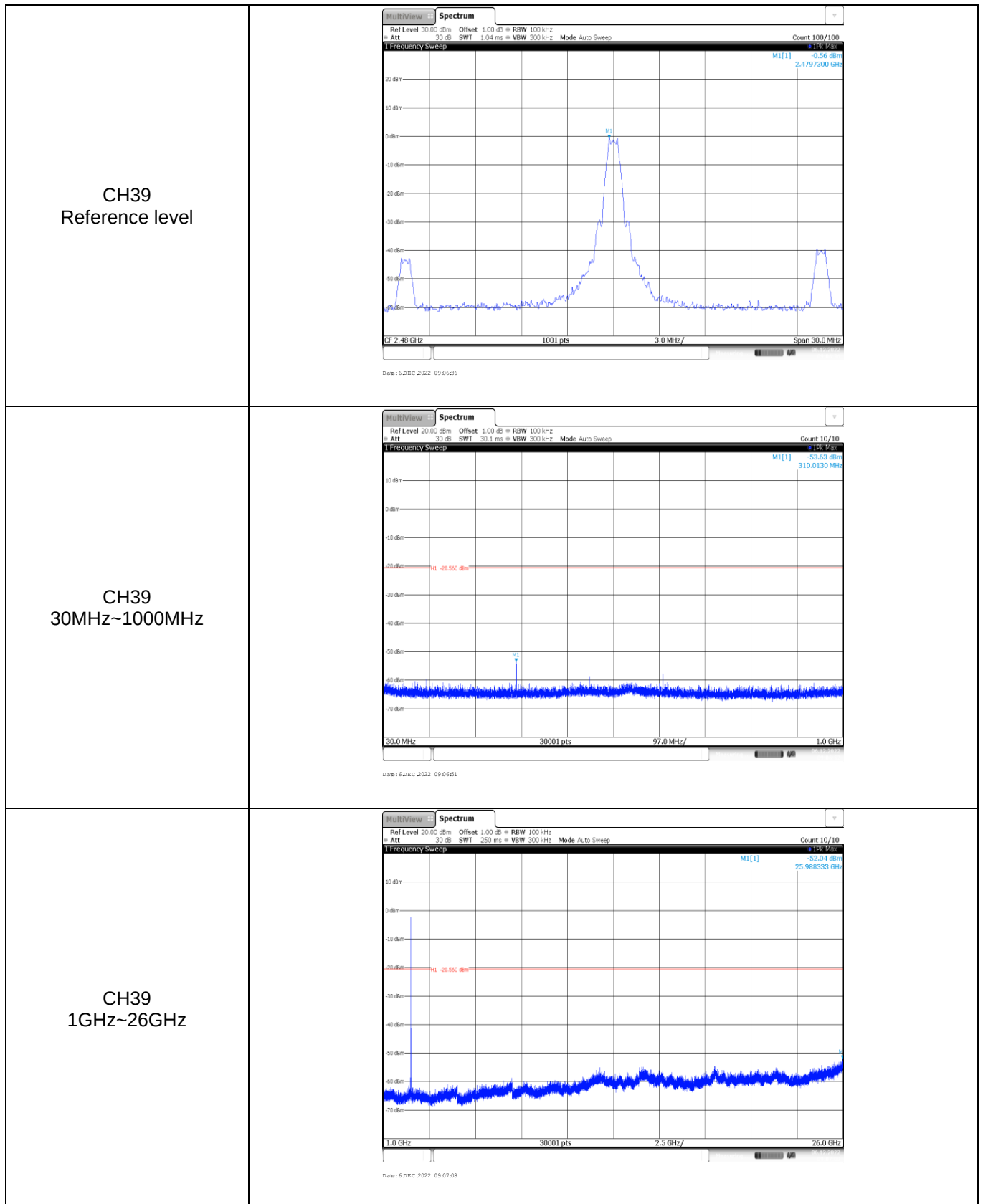
Appendix E: Duty cycle

Test Frequency (MHz)	T _{on} time for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on} time (kHz)
2442	1.00	1.00	100%	1



Test Item:	SE
CH00 Reference level	 The spectrum plot shows a frequency sweep from 2.402 GHz to 2.402+30.0 MHz. The y-axis represents power in dBm, ranging from -80 to 20. A prominent peak is visible at 2.402 GHz, reaching approximately 0 dBm. The plot includes a grid and various measurement parameters: Ref Level 30.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWI 1.04 ms, VBW 300 kHz, Mode Auto Sweep, Count 100/100, MI[1] 0.62 dBm, 2.402-400 MHz. The x-axis is labeled with 1001 pts and 3.0 MHz/.
CH00 30MHz~1000MHz	 The spectrum plot shows a frequency sweep from 30.0 MHz to 1.0 GHz. The y-axis represents power in dBm, ranging from -80 to 20. The plot shows a noisy baseline around -55 dBm. A horizontal red line is drawn at -19.360 dBm. The plot includes a grid and various measurement parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWI 30.1 ms, VBW 300 kHz, Mode Auto Sweep, Count 10/10, MI[1] -55.02 dBm, 300.2-490 MHz. The x-axis is labeled with 30001 pts and 97.0 MHz/.
CH00 1GHz~26GHz	 The spectrum plot shows a frequency sweep from 1.0 GHz to 26.0 GHz. The y-axis represents power in dBm, ranging from -80 to 20. The plot shows a noisy baseline around -51.63 dBm. A horizontal red line is drawn at -19.360 dBm. The plot includes a grid and various measurement parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWI 250 ms, VBW 300 kHz, Mode Auto Sweep, Count 10/10, MI[1] -51.63 dBm, 25.982500 GHz. The x-axis is labeled with 30001 pts and 2.5 GHz/.





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