

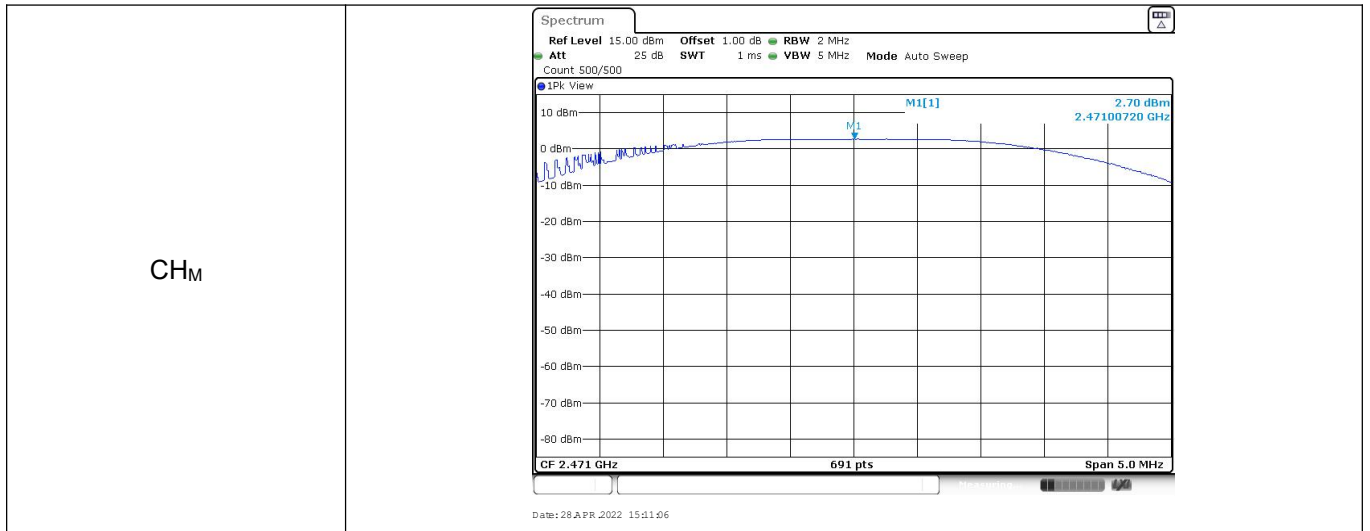
APPENDIX REPORT

Project No.	SHT2204014501EW		
Test sample No.	YPHT22040145004	Model No.	2243-TDS02737(6228-T)
Start test date	2022-04-28	Finish date	2022-04-28
Temperature	24.8℃	Humidity	37%
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

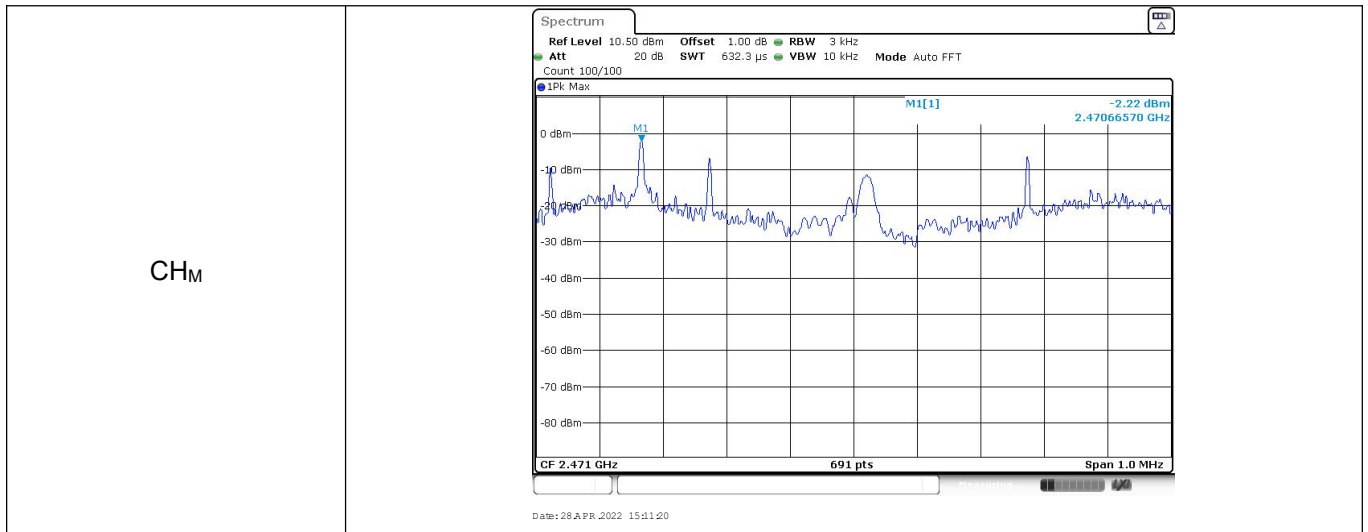
Appendix A: Peak Output Power

Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
CH _M	2.70	2.65	≤ 30.00	Pass



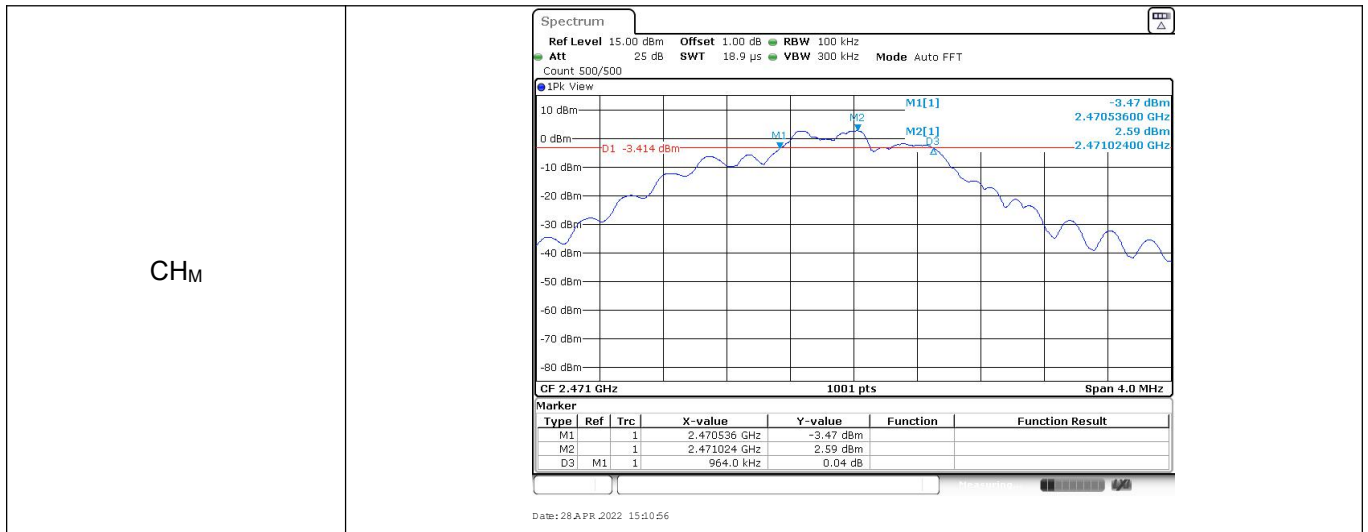
Appendix B: Power Spectral Density

Channel	Power Spectral Density(dBm/3KHz)	Limit (dBm/3KHz)	Result
CH _M	-2.22	≤8.00	Pass



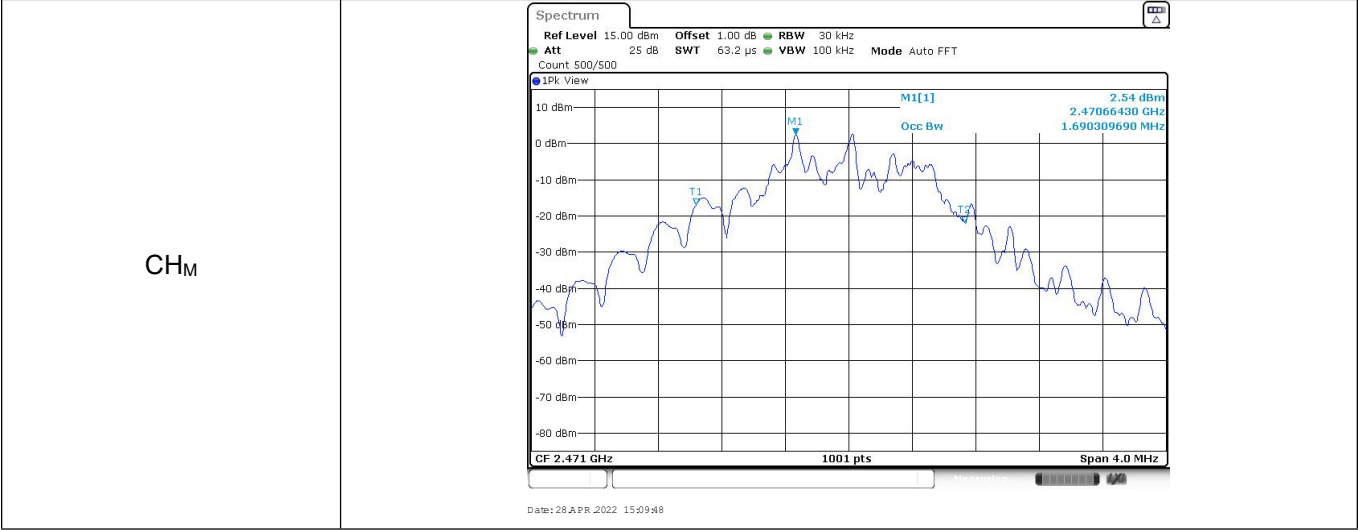
Appendix C: 6dB bandwidth

Channel	6dB Bandwidth(kHz)	Limit (kHz)	Result
CH _M	964.00	≥500	Pass



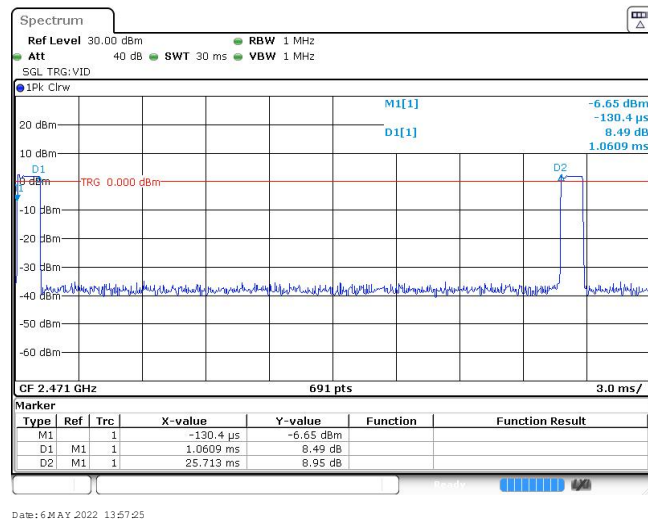
Appendix D: 99% Occupied Bandwidth

Channel	99% Occupied Bandwidth(MHz)	Limit (kHz)	Result
CH _M	1.69	-	Pass



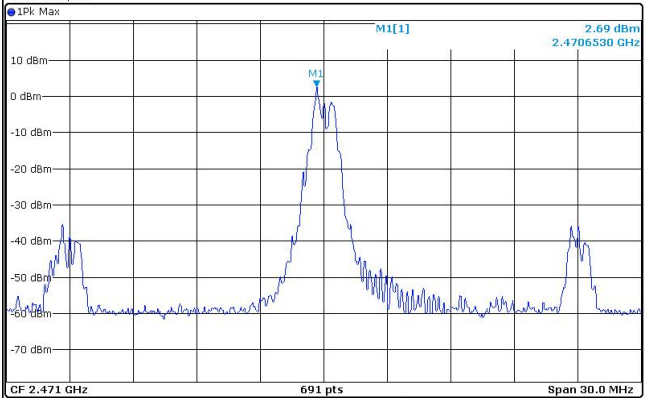
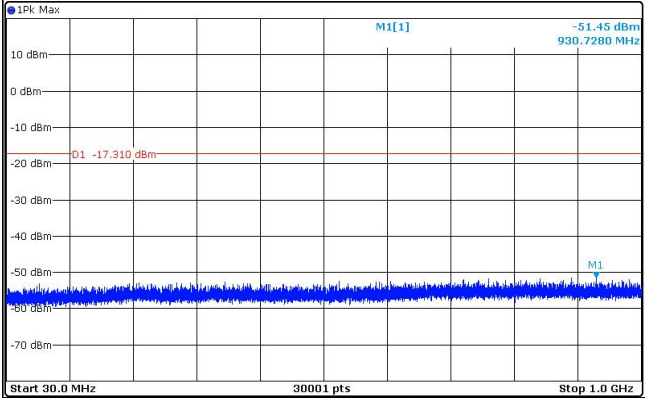
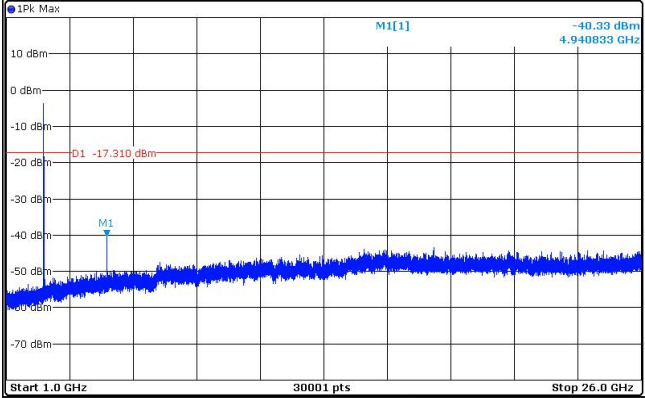
Appendix E: Duty cycle

Test Frequency (MHz)	T _{on} time for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on} time (kHz)
2471	1.06	25.71	4.1%	0.94



Appendix F: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge																																										
CH _M -L	Spectrum Ref Level 10.50 dBm Offset 1.00 dB RBW 100 kHz Att 20 dB SWT 379.2 μs VBW 300 kHz Mode Auto FFT Count 216/300 1Pk Max Start 2.31 GHz 691 pts Stop 2.475 GHz <table><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><tr><td>M1</td><td>1</td><td></td><td>2.47058 GHz</td><td>-0.31 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-70.19 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-70.08 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-69.71 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.338696 GHz</td><td>-66.24 dBm</td><td></td><td></td></tr></table> Date: 28 APR 2022 15:08:51	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.47058 GHz	-0.31 dBm			M2	1		2.4 GHz	-70.19 dBm			M3	1		2.39 GHz	-70.08 dBm			M4	1		2.31 GHz	-69.71 dBm			M5	1		2.338696 GHz	-66.24 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																					
M1	1		2.47058 GHz	-0.31 dBm																																							
M2	1		2.4 GHz	-70.19 dBm																																							
M3	1		2.39 GHz	-70.08 dBm																																							
M4	1		2.31 GHz	-69.71 dBm																																							
M5	1		2.338696 GHz	-66.24 dBm																																							
CH _M -H	Spectrum Ref Level 10.50 dBm Offset 1.00 dB RBW 100 kHz Att 20 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 1Pk Max Start 2.466 GHz 691 pts Stop 2.5 GHz <table><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><tr><td>M1</td><td>1</td><td></td><td>2.471043 GHz</td><td>2.72 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-41.65 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-69.08 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483542 GHz</td><td>-43.46 dBm</td><td></td><td></td></tr></table> Date: 28 APR 2022 15:11:48	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.471043 GHz	2.72 dBm			M2	1		2.4835 GHz	-41.65 dBm			M3	1		2.5 GHz	-69.08 dBm			M4	1		2.483542 GHz	-43.46 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																					
M1	1		2.471043 GHz	2.72 dBm																																							
M2	1		2.4835 GHz	-41.65 dBm																																							
M3	1		2.5 GHz	-69.08 dBm																																							
M4	1		2.483542 GHz	-43.46 dBm																																							

Test Item:	SE
CH _M Reference level	Spectrum Ref Level 21.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 75.9 μs RBW 100 kHz VBW 300 kHz Mode Auto FFT 1Pk Max M1[1] 2.69 dBm 2.4706530 GHz  CF 2.471 GHz 691 pts Span 30.0 MHz Date: 28 APR. 2022 15:12:21
CH _M 30MHz~1000MHz	Spectrum Ref Level 20.00 dBm Att 30 dB Count 10/10 Offset 1.00 dB SWT 30.1 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep 1Pk Max M1[1] -51.45 dBm 930.7280 MHz  Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 28 APR. 2022 15:12:36
CH _M 1GHz~26GHz	Spectrum Ref Level 20.00 dBm Att 30 dB Count 10/10 Offset 1.00 dB SWT 250 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep 1Pk Max M1[1] -40.33 dBm 4.940833 GHz  Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 28 APR. 2022 15:12:52

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