

APPENDIX REPORT

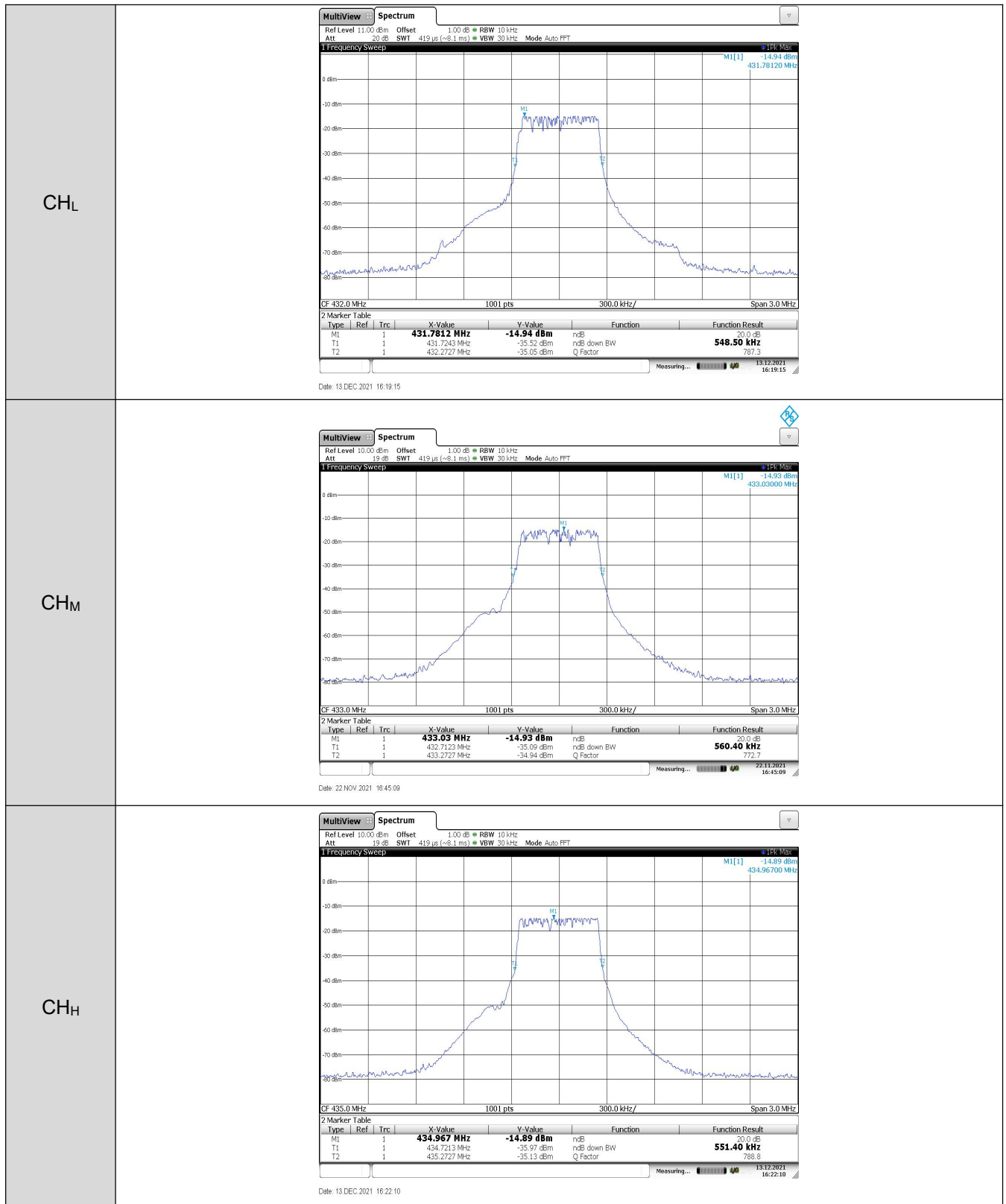
Project No.	SHT2110030701EW		
Test sample No.	YPHT21100307007	Model No.	E32-A
Start test date	2021-11-22	Finish date	2021-12-14
Temperature	23.5℃	Humidity	29%
Test Engineer	Hailey Chen	Auditor	Xiaodong Zhu

Appendix clause	Test item	Result
A	20dB Bandwidth	PASS
B	99% Occupied Bandwidth	PASS
C	Deactivation Time	PASS
D	Duty Cycle Corrected Factor	PASS

Appendix A: 20dB bandwidth

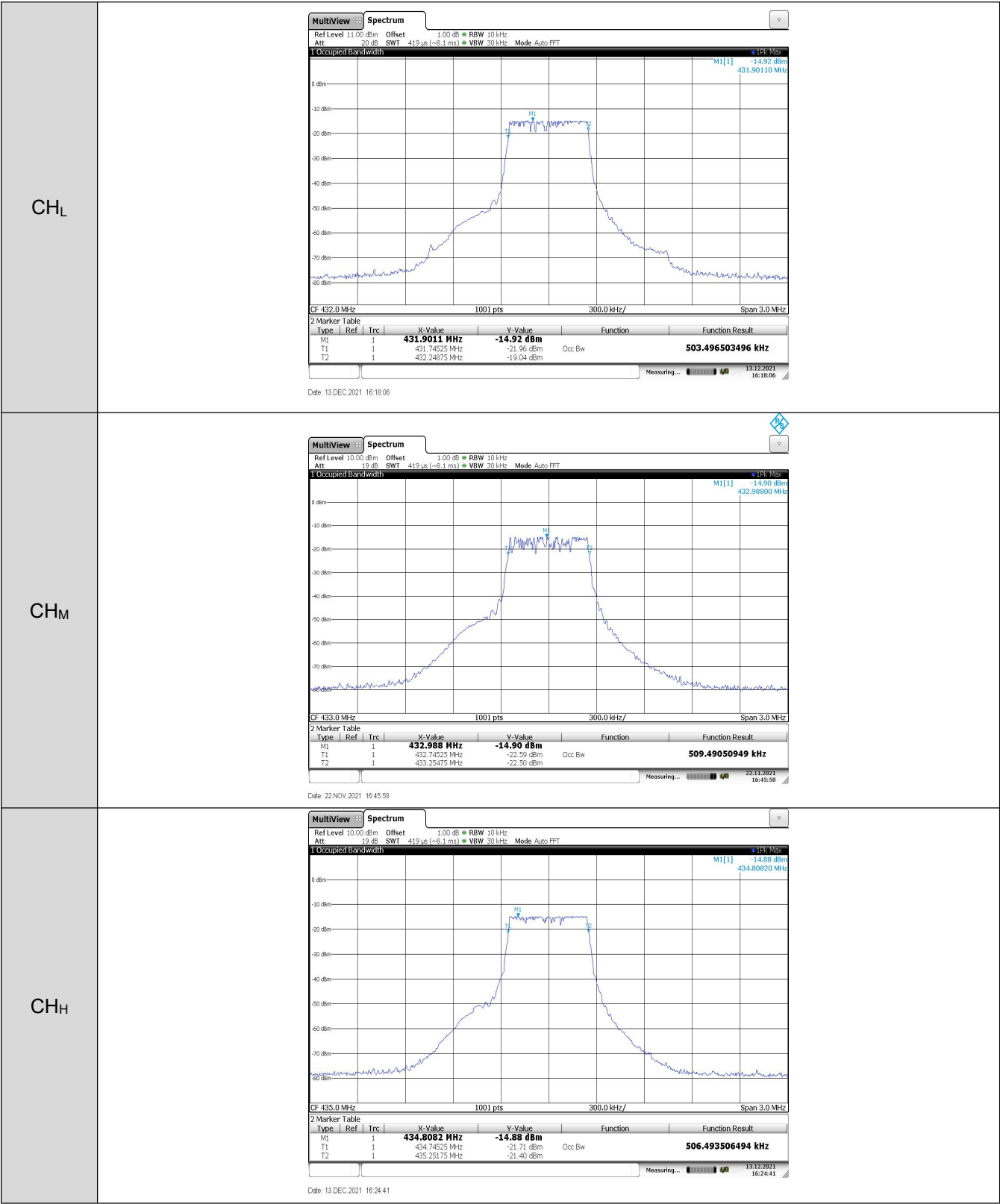
Test Channel	20dB Bandwidth (kHz)	Limit (kHz)	Result
CH _L	548.50	1080.00	Pass
CH _M	560.40	1084.80	
CH _H	551.40	1087.50	

NOTE:Limit=0.25%*Center Frequency



Appendix B: 99% Occupied Bandwidth

Test Channel	99% Occupied Bandwidth (kHz)	Limit (kHz)	Result
CH _L	503.50	-	Pass
CH _M	509.49		
CH _H	506.50		



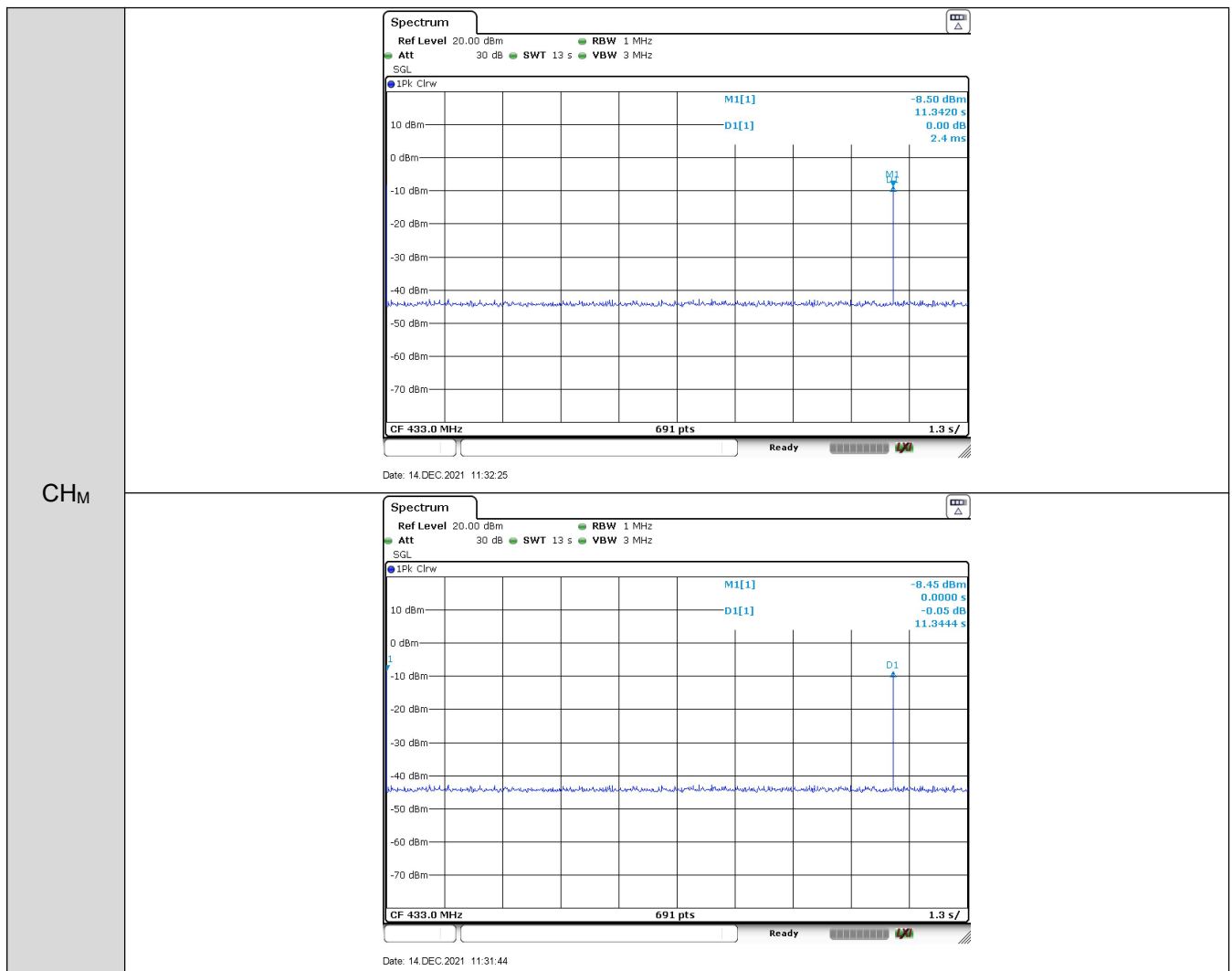
Appendix C: Deactivation Time

	Transmission time	Limit	Result
T_{ON}	0.0024s	$T_{ON} < 1s$	Pass
T_{OFF}	11.3444s	$0.072s < T_{OFF}$ $T_{OFF} > 10s$	Pass

NOTE: Limit: $T_{ON} < 1s$

$$30 * T_{ON} < T_{OFF}$$

$$30 * T_{ON} = 30 * 0.0024s = 0.072s$$

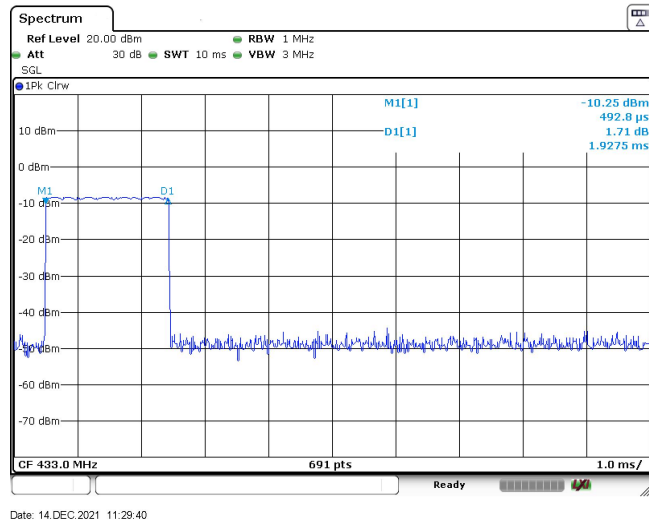


Appendix D: Duty Cycle Corrected Factor

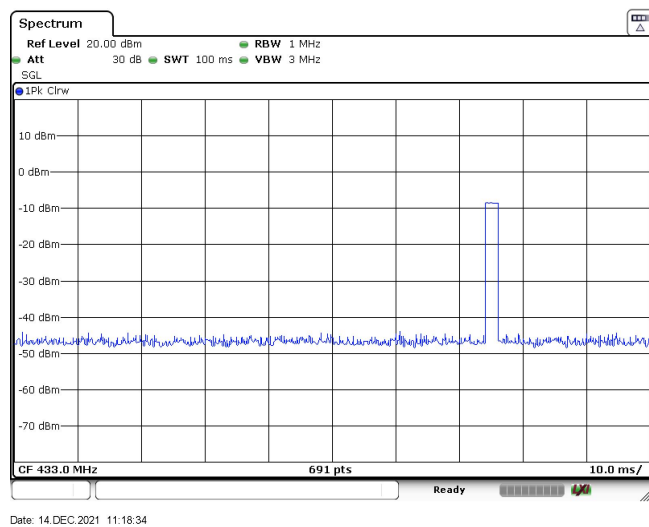
T _{ON1} (ms) :	1.9275
T _{ON1} number	1
Period (ms) :	100
Duty Cycle :	$= (1.9275 * 1) / 100 = 0.019275$
Duty Cycle Corrected Factor:	$= 20 * \log(0.019275) = -34.300112$

Note:

- 1) Duty cycle= Ton1* T_{ON1} number / Tperiod
- 2) Duty Cycle Corrected Factor/DCCF=20*log (Duty Cycle)

$T_{ON1} \text{ (ms)} :$ 

Period (ms) :



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