



# FCC RF Test Report

**APPLICANT** : Ademco Inc.  
**EQUIPMENT** : Chandelier 7" Tablet  
**BRAND NAME** : Touch Screen  
**MODEL NAME** : TUXEDOW  
**FCC ID** : CFS8DLTUXEDOW  
**STANDARD** : FCC Part 15 Subpart E §15.407  
**CLASSIFICATION** : (NII) Unlicensed National Information Infrastructure

This is a data re-used report which is only valid together with the original test report. We, Sporton International (Kunshan) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (Kunshan) Inc., the test report shall not be reproduced except in full.

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## APPENDIX A. REFERENCE REPORT





# 1 General Description

## 1.1 Applicant

Ademco Inc.  
2 Corporate Center Drive, Melville NY 11747

## 1.2 Product Feature of Equipment Under Test

Product Feature	
Equipment	Chandelier 7" Tablet
Brand Name	Touch Screen
Model Name	TUXEDOW
FCC ID	CFS8DLTUXEDOW
EUT supports Radios application	WLAN 2.4GHz 802.11b/g/n HT20/HT40 WLAN 5GHz 802.11a/n HT20/HT40 Z-wave
HW Version	A6r5d
SW Version	TUXEDOW_02.01.008.0001_multiDownload
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

## 1.3 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Channel Frequency Range	5745 MHz ~ 5825 MHz
Antenna Type / Gain	IFA Antenna with gain 2.74 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)

## 1.4 Modification of EUT

No modifications are made to the EUT during all test items.



## 1.5 Re-use of Measured Data

### 1.5.1 Introduction Section

This application re-uses data collected on a similar device. The subject device of this application (Model: TuxedoW, FCC ID: CFS8DLTUXEDOW) is electrically identical to the reference device (Model: 6290W, FCC ID: CFS8DL6290W) for the portions of the circuitry corresponding to the data being re-used, as treated by KDB Publication 484596 D01.

### 1.5.2 Difference Section

For details concerning the similarity with respect to component placement, mechanical/electrical design etc., please refer to the Product Equality Declaration.

The re-used RF data includes the following bands provided in Appendix A (Sporton RF Report No. FR8N0513C for the reference device Model: 6290W, FCC ID: CFS8DL6290W).

### 1.5.3 Reference detail Section:

Equipment Class	Reference FCC ID	Folder Test	Report Title/Section
NII (B1~3)	CFS8DL6290W	Part15E(FR8N0513B)	All sections applicable
NII (B4)	CFS8DL6290W	Part15E(FR8N0513C)	All sections applicable
NII (DFS)	CFS8DL6290W	Part15E(FZ8N0513)	All sections applicable



1.5.4 Spot Check Verification Data Section

In order to confirm hardware similarity of the subject device with the reference device, spot check measurements were performed on the subject device for the following test items, the test result were consistent with FCC ID: CFS8DL6290W.

Assertions concerning the similarity of these devices are based on representations by the applicant. The applicant accepts full responsibility for the validity of the similarity claim, and for the determination that verification test data are sufficient to support it.

Test Item	Mode	CFS8DL6290W Worst Result	CFS8DLTUXEDOW Worst Result	Difference (dB)
Average Conducted Power (dBm)	11a, 5.8GHz	11.34	11.29	0.05
	11n HT20, 5.8GHz	12.87	12.51	0.36
	11n HT40, 5.8GHz	13.22	13.18	0.04
Radiated Spurious Emission (dBuV/m)	802.11a	50.98	50.63	0.35



## **Appendix A. Reference Report**

Please refer to Sporton report number FR8N0513C which is issued separately.