



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.
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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 Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5700 MHz
Antenna Gain / Gain	<5150 MHz ~ 5250 MHz> IFA Antenna with gain 2.67 dBi <5250 MHz ~ 5350 MHz> IFA Antenna with gain 3.05 dBi <5470 MHz ~ 5725 MHz> IFA Antenna with gain 3.52 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)

Note: WLAN operation in 5600 MHz ~ 5650 MHz is notched.

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: CFS8DLTUXEDOW) 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. FR8N0513B 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, 5.2GHz	16.17	15.87	0.30
	11n HT20, 5.2GHz	15.75	15.43	0.32
	11n HT40, 5.2GHz	14.25	13.69	0.56
	11a, 5.3GHz	15.99	15.53	0.46
	11n HT20, 5.3GHz	15.55	15.25	0.30
	11n HT40, 5.3GHz	14.09	13.81	0.28
	11a, 5.5GHz	16.20	14.45	1.75
	11n HT20, 5.5GHz	15.43	14.19	1.24
	11n HT40, 5.5GHz	13.79	12.79	1.00
Radiated Spurious Emission (dBuV/m)	802.11a	50.73	48.02	2.71



Appendix A. Reference Report

Please refer to Sporton report number FR8N0513B which is issued separately.