



Advanced
Compliance Lab

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Date: October 17, 2008
Ref: Application for FCC Class II Permissive Change on Somfy's Eolis Wirefree 3D (FCC ID: DWNEWF3D)
Ctrl#: 0048-081017-02

From: Wei Li, Advanced Compliance Laboratory
To: Manager, Compliance Certification Services
Tel:
Fax:

Dear Sir/ Madam,

We, Advanced Compliance Laboratory, as EMC testing lab and agent, would like to represent the applicant, Somfy System, Inc. to apply for your approval on product authorization under **Class II Permissive Change**. The investigation for the EMC performance of the EUT, **Eolis, Model No. Wirefree 3D** was performed in October, 2008 on behalf of the applicant. It was found that EUT(s) comply with the requirements of FCC Part 15, Sec. 231(a). The system was configured as the typical condition during the test. Enclosed please find the test data/report with application forms.

The major differences between new models and the approved model are given as the following:

- new pcb layout : the antenna shape have been optimized in order to increase the radiated RF power
- components change in the RF section :

R2 : unmounted --> 68k

T1 : unmounted -->BFR92A

C7 : 3.3pF --> unmounted

C5 : 150pF --> 1nF

C1 : 150pF --> 10pF

C11 : 10pF --> 15pF

R8 : 470ohm --> 330ohm

The measurement facility used to collect the test data is located at Hillsborough, New Jersey. This testing site has been listed by FCC (Refer to: 31040/SIT 1300F2) since 1992 and also recognized under NVLAP by NIST (Lab code 200101-0) since 1997.

Should you need more information, please contact me at (908) 392-3378 or email me to weili@ac-lab.com. Your attention is highly appreciated.

Sincerely,

Wei Li
Manager
Advanced Compliance Laboratory, Inc.