



Advanced
Compliance Lab

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Date: April 22, 2024
Ref: Application for FCC & ISED Certification on Somfy Tx under
 FCC ID: DWNVAR IC: 12049A-VAR
Ctrl#: 0048-240422-01

From: Wei Li, Advanced Compliance Laboratory

To Whom It May Concern

Dear Sir/Madam,

We, Advanced Compliance Laboratory, as EMC testing lab and agent, would like to represent the applicant, **Somfy Systems** to apply for your approval on product authorization for new certification under FCC ID: DWNVAR IC: 12049A-VAR. The investigation for the EMC performance of the EUT(s), **5171078, 5171079** were performed in April 2024 on behalf of the applicant. It was found that EUTs comply with the requirements of FCC Part 15.247 & RSS-210 & RSS-Gen. The system was configured as the typical condition during the test. Enclosed please find the test data/report with application forms.

The followings are the similarity of family products:

EUT submitted for Family Grant with following models:

Product Name	Model No.
Ysia 5 Variation HP Zigbee	5171079
Ysia 1 Variation HP Zigbee	5171078

Model differences:

YSIA 1 has 1 RF address. *YSIA 5* has 4 RF addresses. All of them have the same Radio PCB layout, radio frequency & RF power setting. There are minor difference in digital PCB circuitry (non-radio function) between *YSIA 1* and *YSIA 5*. No physical appearance differences except the number of LED indicator/button populated on the same PCB layout.

YSIA 1 Variation HP Zigbee



YSIA 5 Variation HP Zigbee



(other sides are the same)

The measurement facility used to collect the test data is located at Somerset, New Jersey. This site is accepted by FCC to perform measurements under Part 15 or 18 (MRA designation No. US3288) and also designated by ISED with CAB ID# US0100 (test site # IC 3130A). The ANAB Lab code for accreditation of FCC EMC Test Method is: AT-3288.

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,

A handwritten signature in black ink, appearing to read 'Wei Li'.

Wei Li
Manager
Advanced Compliance Laboratory, Inc.