



Classified

Signify (China) Investment Co., Ltd.

Building No. 9, Lane 888, Tianlin Road, Minhang 200233 Shanghai PEOPLE'S REPUBLIC OF CHINA

To: TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch

Date:09-10-2026

FCC ID: 2AGBW44228012623X

Model: 44228012622, 44228012623

Subject: Declaration letter

We: [Signify (China) Investment Co., Ltd., Building No. 9, Lane 888, Tianlin Road, Minhang 200233 Shanghai PEOPLE'S REPUBLIC OF CHINA]

Officially notify TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch that the 44228012622 have the same technical construction including circuit diagram, PCB Layout, components and component layout, antenna type, antenna location, RF characteristics and all electrical construction and mechanical construction, with 44228012623.

The differences lie in 44228012622 with GPIO head and relative components; 44228012623 without GPIO head and relative components.

Details as follows differences in description.

Differences Description			
Tested Model(s)	Series Models	Differences Items	Details
44228012622	44228012623	With or without GPIO head and relative components (Resistor R30-R36, TVS diode D2&D3 and Transil diode array D4)	44228012622 with GPIO head and relative components 44228012623 without GPIO head and relative components

An engineering assessment has been performed to evaluate whether the identified model differences could affect the original compliance results.

The GPIO header provides an optional external interface and is not part of the radio transmitter or antenna system. Resistors R30 to R36 are associated with the GPIO interface, while TVS diodes D2 and D3 and Transil diode array D4 provide transient-voltage and ESD protection for the related interface lines.

More detailed information please refer to external and internal photos.

The removal of these components in model 44228012623:

- **Does not change the RF transmitter circuitry;**



- Does not change the RF output power;
- Does not change the operating frequencies or modulation types;
- Does not change the antenna type, antenna gain or antenna location;
- Does not change the RF matching network;
- Does not change the maximum duty cycle or transmission characteristics;
- Does not enable any new radio function;
- Does not change the power supplied to the radio circuit;
- Does not increase the RF exposure level; and
- Does not adversely affect the radiated or conducted emission characteristics applicable to the certified radio functions.

Model 44228012622 represents the more fully populated hardware configuration. Therefore, it has been selected as the representative model for compliance testing.

The absence of the GPIO header and related components in model 44228012623 does not create a new intentional radiator, does not increase the transmitter output power and does not modify the certified radio parameters.

So in this application, 44228012622 was chosen to perform full tests according to FCC 15.247, additional verify test of spurious radiated emissions (30-1000MHz) were performed on 44228012623 .

<<Product>>: Hue connect

Sincerely,

Contact name: Yefeng Zhang

Company name: Signify (China) Investment Co., Ltd.

Address: NO.9, Shanghai Business Park, Lane 888 Tianlin Road, Minhang District, Shanghai, P.R.C.

E-mail: yefeng.zhang@signify.com

Tel: : +86-17701755062

A handwritten signature in black ink, followed by the date '2026-09-11'.