

EN 303 687 V1.1.1 欧盟调和公告细节说明 – Cerpass Kevin

Wi-Fi 7 技术具备高度的灵活性和卓越的性能，然而，在较为陈旧的强制性法规规范下，其潜力受到相当程度的限制。欧盟针对 5GHz 频段的 EN 301 893 V2.2.1 和 6GHz 频段的 EN 303 687 V1.1.1 法规进行了更新，开放了频段使用限制，使其更能符合 Wi-Fi 7 的实际应用情境。 尽管这也同时增加了较多的测试验证要求，但总体而言，欧盟于 5 月 14 日通过了对这两版法规的调和，这将使制造商在产品进入欧盟市场时，能够更轻松且明确地遵循合规要求。但其中 EN 303 687 调和 OJ 公告中的 notice 2 中内文提到一些观点，依然保守看待调和，因此目前一般 WIFI 7 产品不能只要 DoC 自我宣告依然需要送件欧盟 NB 取得进入资格。

177.	<div>EN 303 687 V1.1.1</div> <div>6 GHz WAS/RLAN; Harmonised Standard for access to radio spectrum</div> <div>Notice 1: This harmonised standard does not sufficiently address narrowband devices, as defined in its clause 3.1 and does not therefore confer a presumption of conformity for those devices.</div> <div>Notice 2: This harmonised standard does not confer a presumption of conformity to the essential requirement set out in Article 3(2) of Directive 2014/53/EU if its clause B.7.2 is applied.</div>
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(11) Harmonised standard EN 303 687 V1.1.1 does not sufficiently address narrowband devices. Additionally, testing in its clause B.7.2 is based on a non-disclosed specification established by the Institute of Electrical and Electronics Engineers Standards Association. The reference of that harmonised standards should therefore be published in the *Official Journal of the European Union* with restrictions.

依照 EN 303687 B.7.2 讯号

B.7.2 OFDM test signal 1

OFDM test signal 1 shall consist of a continuous sequence (100 % duty cycle) of data symbols as defined in IEEE 802.11ax™-2021 [1], clause 27. This implies that OFDM test signal 1 does not contain any PHY preambles as defined in IEEE 802.11ax™-2021 [1], clause 27:

- When testing the capability to detect other transmissions in case of multi-channel operation using option 1 (see clause 5.4.8.3.2.3.1), the OFDM test signal shall be present in any of the channels used for the multi-channel operation. However, if the test is performed sequentially (see clause 5.4.8.3.2.3.1, step 2, second bullet point), the OFDM test signal shall only be present in the channel being tested.
- When testing the capability to detect other transmissions in case of multi-channel operation using option 2 (see clause 5.4.8.3.2.3.2), the OFDM test signal shall only be present in a first adjacent (non-primary) channel.

Clause 5.4.8.3.2.2：测试时会使用到 B.7 所有讯号

Step 4:	
•	Step 2 and step 3 shall be repeated for each of the interference signals defined in clause B.7.
5.4.8.3.2.3	Procedure to verify the capability to detect other transmissions in case of multi-channel operation