**Software Operational Description**

**軟體操作符合性聲明書**

We**(****XXXXX公司)** hereby declare that requirements of NCC LP0002 section 5.7 (equivalent to FCC KDB 594280 D02 U-NII Device Security v01r03) have been met and shown on the following question.

XXXXX(本公司) 特此聲明，下表產品 會遵守國家通訊傳播委員會低功率射頻電機技術規範( LP0002)第5.7節(等同FCC KDB 594280 D02 U-NII Device Security v01r03)要求，並在以下問題中敘明。

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| --- | --- | --- | --- |
| 廠牌  (Brand) |  |  |  |
| 型號  (Model) |  |  |  |

Further we declare that the info listed below are correct and represent the product in consideration under this filing.

本公司聲明下列資訊均為說明本案器材且正確無誤。

1. Describe how any software/firmware updates for elements then can affect the device’s RF parameters will be obtained, downloaded, validated and installed. For software that is accessed through manufacturer’s website or device’s management system, describe the different levels of security as appropriate.

請描述對元件的何種軟體/韌體更新，將影響器材RF參數之取得、下載、確認及安裝。 對經由製造商網站或器材管理系統可存取之軟體，請以適當方式描述不同安全等級。

請描述:

1. Describe the RF parameters that are modified by any software/firmware without any hardware changes. Are these parameters in some way limited such that any other software/firmware changes will not allow the device to exceed the authorized RF characteristics?

請描述無需任何硬體變更，可由軟體/韌體修改之RF參數。 是否任何其他軟體/韌體變更，致該等參數會受某種方式限制，而不允許器材之RF特性超出被核准範圍？

請描述:

1. Describe in detail the authentication protocols that are in place to ensure that the source of the RF-related software/firmware is valid. Describe in detail how the RF-related software is protected against modification.

請詳細描述確保RF相關軟體/韌體來源為合法之驗證協定，並請 詳細描述防止RF相關軟體被修改之方法。

請描述:

1. Describe in detail any encryption methods used to support the use of legitimate RF-related software/firmware.

請詳細描述支援合法RF相關軟體/韌體使用之加密方法。

請描述:

1. For a device that can be configured as a master and client (with active or passive scanning), explain how the device ensures compliance for each mode? In particular if the device acts as master in some band of operation and client in another; how is compliance ensured in each band of operation?

對於可設定為主控(master)和受控(client)（具有主動或被動掃描）運作模式之器材，說明如何確保該器材各運作模式均符合規範？ 特別是如果該器材在某些操作頻帶為主控(master) 運作模式，而在其他操作頻帶為受控(client) 運作模式；如何確保各操作頻帶均符合規範？

請描述:

1. Explain if any third parties have the capability to operate a TAIWAN-sold device on any other regulatory domain, frequencies, or in any manner that may allow the device to operate in violation of the device’s authorization if activated in TAIWAN

請解釋是否有任何第三方有能力對臺灣售出之器材，在任何其他監理區域、頻率操作該器材，或在臺灣以其他方法允許器材操作在違反核准範圍。

請描述:

1. Describe, if the device permits third-party software or firmware installation, what mechanisms are provided by the manufacturer to permit integration of such functions while ensuring that the RF parameters of the device cannot be operated outside its authorization for operation in TAIWAN. In the description include what controls and/or agreements are in place with providers of third-party functionality to ensure the devices’ underlying RF parameters are unchanged and how the manufacturer verifies the functionality.

如果器材允許第三方軟體或韌體安裝，請描述製造商提供允許做功能整合之機制，以確保器材之RF參數於臺灣不能在核准範圍外操作。 該描述須包括第三方功能提供者之控制方法和/或協議，以確保器材之基本RF參數不被改變，及製造商之驗證功能方法。

請描述:

1. For Certified Transmitter modular devices, describe how the module grantee ensures that host manufacturers fully comply with these software security requirements for U-NII devices. If the module is controlled through driver software loaded in the host, describe how the drivers are controlled and managed such that the modular transmitter RF parameters are not modified outside the grant of authorization.

對經型式認證合格發射機模組之器材型式認證證明申請者，請描述其確保主機(最終產品)製造商能完全遵守U-NII器材對軟體安全要求之方法。 如果該模組可透過載入在主機(最終產品)之驅動軟體控制，請描述控制和管理此驅動軟體之方法，使該發射機模組之RF參數不會修改超出同意核准範圍。

請描述:

1. Describe the user configurations permitted through the UI. If different levels of access are permitted for professional installers, system integrators or end-users, describe the differences.

請描述透過使用者介面可允許之用戶設定。 如果對專業安裝人員、系統整合商或最終使用者允許有不同等級之存取權限，請描述其差異。

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| --- |
| 1. What parameters are viewable and configurable by different parties?   可被不同當事人查看到及設定之參數有哪些？  請描述: |
| 1. What parameters are accessible or modifiable by the professional installer or system integrators?   可被專業安裝人員或系統整合商存取或修改之參數有哪些？  請描述: |
| i).Are the parameters in some way limited, so that the installers will not enter parameters that exceed those authorized?  是否以某些方式限制該等參數，使安裝人員不會輸入超出核准範圍之參數？  請描述: |
| ii)What controls exist that the user cannot operate the device outside its authorization in TAIWAN?  令使用者在臺灣不能操作器材超出核准範圍之控制機制為何？  請描述: |
| 1. What parameters are accessible or modifiable by the end-user?   可被最終使用者存取或修改之參數有哪些？  請描述: |
| i)Are the parameters in some way limited, so that the user or installers will not enter parameters that exceed those authorized?  是否以某些方式限制該等參數，令使用者或安裝人員不會輸入超出核准範圍之參數？ |
| ii)What controls exist so that the user cannot operate the device outside its authorization in TAIWAN?  令使用者在臺灣不能超出核准範圍操作器材之控制機制為何？  請描述: |
| 1. Is the country code factory set? Can it be changed in the UI?   是否由製造商設定器材之國碼？ 該國碼是否可於使用者介面中更改？  請描述: |
| i)If it can be changed, what controls exist to ensure that the device can only operate within its authorization in TAIWAN?  如果該國碼可更改，在臺灣確保該器材僅能操作核准範圍之控制機制為何？  請描述: |
| e. What are the default parameters when the device is restarted?  當器材重新啟動時，該等參數之初始值為何？  請描述: |

1. Can the radio be configured in bridge or mesh mode? If yes, an attestation may be required. Further information is available in KDB Publication 905462 D02.

在橋接或網路模式下，是否可設定無線射頻參數？ 如果可設定，可能需要聲明。 進一步資訊可於FCC 公布 KDB 905462 D02中獲得。

請描述:

1. For a device that can be configured as a master and client (with active or passive scanning), if this is user configurable, describe what controls exist, within the UI, to ensure compliance for each mode. If the device acts as a master in some bands and client in others, how is this configured to ensure compliance?

對於可設定為主控(master)和受控(client)（具有主動或被動掃描）運作模式之器材，如果該器材為使用者可配定，在使用者介面中確保各模式都均符合規範之控制機制為何？ 如果器材在某些操作頻帶為主控(master) 運作模式，而在其他操作頻帶為受控(client) 運作模式，該配定如何確保其符合規範？

請描述:

1. For a device that can be configured as different types of access points, such as point-to-point or point-to-multipoint, and use different types of antennas, describe what controls exist to ensure compliance with applicable limits and the proper antenna is used for each mode of operation. (See LP0002 Section 5.7)

如點對點或點對多點對等可設計為不同類型之存取點器材，且使用不同類型之天線，其確保各操作模式均符合其合適之限制值，及使用適當天線之控制機制為何？ （詳見LP0002第5.7節）

請描述:

If you should have any question(s) regarding this declaration, please don’t hesitate to contact us. Thank you!

如果您對本聲明有任何疑問，請隨時與我們聯繫。謝謝！

The NCC recognized certification body may revoke the type approval certificates or approval certificates if the above description is found to be false.

以上聲明若有虛偽不實，願無條件接受 貴驗證機構撤銷該設備之型式認證證明／審定證明之處分。

立切結書人

公司、商號、本國自然人名稱(證書持有者)： (蓋章)

Company (Business) Name(Certificate Holder)：

(Company seal or agency seal is required for juristic persons)

負責人或經授權之管理人簽章： (蓋章)

Signature of person in charge or authorized manager:

(Signature of person in charge or authorized manager)

公司統一編號(或身分證字號，外國人為國籍與護照號碼)：

Business license number (or Personal ID no,Non-national-Nationality and Passport no.)：

營業所地址(或戶籍地址) ：

Business address(Residence address) ：

中 華 民 國 年 月 日

Date：