

# **ZyXEL Communications Corporation**

No. 2, Gongye E. 9th Road, Hsinchu Science Park, Hsinchu, Taiwan

Question #: Since product (FCC ID: I88WAC6502D-E / IC: 2468C-WAC6502DE) is **for DFS indoor master** application.

This application need to address following questions in a separate document(s).

- 1) Does this device meet the requirements for operation in the 5400 – 5725 MHz band specified in KDB 443999?

**Ans: Yes.**

- 2) Is this an indoor device, outdoor device, or multi-use device? A multi-use device can operate in both indoor and outdoor configurations; such device will have to meet all the requirements for outdoor device.

**Ans: This is indoor device.**

- 3) Verify that the 5600 – 5650 MHz band is notched. The test report should include 20 dB BW plots for the 5600 and 5650 MHz band edges and an attestation statement that the device does not transmit in the notched band.

**Ans: Yes.**

- 4) Verify that this application contains a complete User's Manual and/or Professional Installers Manual. If the manual is not complete, upload an updated User's Manual exhibit.

**Ans: Yes.**

- 5) Verify that this device meets the uniform channel spreading requirements on the remaining (non-notched) channels once the device is in operation.

**Ans: Yes.**

- 6) Explain how this device meets the Software Configuration Control requirements of KDB 594280 including country code selection – see draft KDB at (<https://fjallfoss.fcc.gov/eas/comments/GetPublishedDocument.html?id=205&tn=511416>). If there is any user permitted configuration control, please explain what controls are provided to the user and if any will take the device out of compliance; also explain what prevents the end user from downloading and operating non-US software.

**Ans: The RF parameter (include country code) is frozen in production, and it can't**

**be changed by UI.**

Additional questions for outdoor and multi-use devices: (KDB443999)

7) Submit a Letter Exhibit identify the specific expertise and the training required by the professional installers for installing these types of devices.

**Ans: This is indoor device.**

8) Explain how this device can meet the 30 MHz frequency separation from TDWR (i.e.: Manually blocking frequencies by the professional installer, device notches 5470 -5680 MHz,etc.)

**Ans: This is indoor device.**

9) Does the manual for the installers and operators contain the information on how to register the device with the voluntary industry data base if operating within 35 km of any TDWR site location?

**Ans: This is indoor device.**

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