Software Configuration Control Declaration

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Federal Communications Commission
Authorization and Evaluation Division

ATTESTATION

General Description

	Question	Answer
General Description	1. Describe how any software/firmware updates for elements than 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.	1. Anysoftware/firmware updates provide to user won't affect the device's RF parameters.Nosoftware that is accessed through manufacturer's website
	2. 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?	2. No RF parameters that are modified by any software/firmware without any hardware changes
	3. 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.	3. All RF parameters are not permit to be changed.
	4. Describe in detail any encryption methods used to support the use of legitimate RF-related software/firmware.	4. The software was set and encrypted before selling on the market, and the third party can't modify it arbitrarily. So encryption is not necessary.
	5. 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?	5.This EUT is client device only.

Third-Party Access Control

	Question	Answer
Third-Party Access Control	1. Explain if any third parties have the capability to operate a U.S.-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 the U.S.	1. There is no any manner allow device to operate in violation of the device's authorization.
	2. 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 the U.S. 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.	2. The device is not permit any software/ firmware from third party for installation, manufacture won't provide any mechanism to user to change RF parameters.
	3. 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.	There are no rf parameters that can be modified. All rf parameters are programmed in OTP memory at the factory and cannot be modified or overridden by third parties. The module is not controlled by driver software on the host and cannot override critical rf parameters stored in module OTP memory.

USER CONFIGURATION GUIDE

	Question	Answer
USER CONFIGURATION GUIDE	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. Ans: No UI porvided.	
	a. What parameters are viewable and configurable by different parties?	a.It is no parameters are viewable and configurable.
	b. What parameters are accessible or modifiable by the professional installer or system integrators? (1) Are the parameters in some way limited, so that the installers will not enter parameters that exceed those authorized? (2) What controls exist that the user cannot operate the device outside its authorization in the U.S.?	b(1). This product is no need a professional installer. b(2). Non-U.S. channels or not be certified channels are disable in factory, user cannot change the setting.
	c. What parameters are accessible or modifiable by the end-user? (1) Are the parameters in some way limited, so that the user or installers will not enter parameters that exceed those authorized? (2) What controls exist so that the user cannot operate the device outside its authorization in the U.S.?	c(1). Frequency band, channel, output power are restricted for user to change through specified drivers, other drivers from third party is prohibited and won't be installed successful. c(2). Non-U.S. channels or not be certified channels are disable in factory, user cannot change the setting.
	d. Is the country code factory set? Can it be changed in the UI? (1) If it can be changed, what controls exist to ensure that the device can only operate within its authorization in the U.S.?	d. Country code is set in factory, user cannot change.
	e. What are the default parameters when the device is restarted?	e. 2.4GHz will be set when restarted.

	Question	Answer
USER CONFIGURATION GUIDE	2. 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.	2. The device is not support bridge and mesh mode.
	3. 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?	3. This EUT is client device only.
	4. 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 Section 15.407(a))	4. This device doesn't support ad-hoc and Wi-Fi direct.

Sincerely,

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LG Electronics Inc.