

HON HAI PRECISION IND. CO., LTD.

5F-1,5 Hsin-An Road Hsinchu, Science-Based Industrial Park
Taiwan, R.O.C.

Date: 2015-06-04

FCC ID: MCLADB1761WF

Software Operational Description

We, **HON HAI PRECISION IND. CO., LTD.** hereby declare that requirements of KDB594280 have been met and shown on the following question.

SOFTWARE SECURITY DESCRIPTION	
General Description	1. Describe how any software/firmware update will be obtained, downloaded, and installed.
	<i>Description:</i> (1) Obtain and download The firmware could be obtained from specific site of internet. (2) Install The product will install new firmware by setup menu or automatically.
	2. Describe all the radio frequency parameters that are modified by any software/firmware without any hardware changes. Are these parameters in some way limited, such that, it will not exceed the authorized parameters?
	<i>Description:</i> Only two radio frequency parameters, Channel and Channel Bandwidth, can be configured via UI: . All above parameters are pre-installed and cannot be configured.
	3. Are there any authentication protocols in place to ensure that the source of the software/firmware is legitimate? If so, describe in details; if not, explain how the software is secured from modification.
	<i>Description:</i> Firmware has a private signature inside. If firmware is modified, then it cannot be allowed to be upgraded.
	4. Are there any verification protocols in place to ensure that the software/firmware is legitimate? If so, describe in details.
	<i>Description:</i> Firmware has a private signature inside. If firmware is modified, then it cannot be allowed to be upgraded.
	5. Describe, if any, encryption methods used.
	<i>Description:</i>

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	<p>Not Supported</p> <p>6. 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?</p> <p><i>Description:</i> Our device works as following configuration: 2412-2462MHz : active and passive scan 5180-5240 / 5745-5825MHz : active and passive scan 5260-5340 / 5500-5700MHz : passive scan only This configuration is pre-installed and cannot be configured.</p>
Third-Party Access Control	<p>1. How are unauthorized software/firmware changes prevented?</p> <p><i>Description:</i> Our software/firmware has a private signature inside. If firmware is modified, then it cannot be allowed to be upgraded.</p> <p>2. Is it possible for third parties to load device drivers that could modify the RF parameters, country of operation or other parameters which impact device compliance? If so, describe procedures to ensure that only approved drivers are loaded.</p> <p><i>Description:</i> It is impossible. Our software/firmware has a private signature inside. If firmware is modified, then it cannot be allowed to be upgraded.</p> <p>3. Explain if any third parties have the capability to operate a US sold device on any other regulatory domain, frequencies, or in any manner that is in violation of the certification.</p> <p><i>Description:</i> The parameters of country, frequencies and etc. are permanent settings and cannot be configured. The device can operate only at authorized frequencies and bandwidth.</p> <p>4. What prevents third parties from loading non-US versions of the software/firmware on the device?</p> <p><i>Description:</i> The parameters of country, frequencies and etc. are permanent settings and cannot be configured.</p> <p>5. For modular devices, describe how authentication is achieved when used with different hosts.</p> <p><i>Description:</i> Our device has proprietary value and cannot work on other hosts.</p>
SOFTWARE CONFIGURATION DESCRIPTION	

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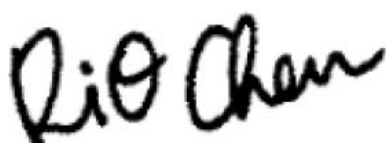
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USER CONFIGURATION GUIDE	1. To whom is the UI accessible? (Professional installer, end user, other...)
	a) What parameters are viewable to the professional installer/end-user?
	<i>Description:</i> Both professional and end user cannot see any RF parameters, other than frequency channel setting and RSSI.
	b) What parameters are accessible or modifiable to the professional installer?
	<i>Description:</i> Both professional and end user cannot access any RF parameters, other than frequency channel setting and RSSI. They can select frequency channel from authorized frequency channels list.
	i) Are the parameters in some way limited, so that the installers will not enter parameters that exceed those authorized?
	<i>Description:</i> Both professional and end user cannot access any RF parameters, other than frequency channel setting and RSSI. They can select frequency channel from authorized frequency channels list.
	ii) What controls exist that the user cannot operate the device outside its authorization in the U.S.?
	<i>Description:</i> The parameters of country, frequencies and etc. are permanent settings and cannot be configured.
	c) What configuration options are available to the end-user?
	<i>Description:</i> The end user can select frequency channel from authorized frequency channels list.
	i) Are the parameters in some way limited, so that the installers will not enter parameters that exceed those authorized?
	<i>Description:</i> The installers can select frequency channel from authorized frequency channels list.
	ii) What controls exist that the user cannot operate the device outside its authorization in the U.S.?
	<i>Description:</i> The parameters of country, frequencies and etc. are permanent settings and cannot be configured.
	d) Is the country code factory set? Can it be changed in the UI?
	<i>Description:</i> It is factory set and cannot be changed in the UI.
i) If so, what controls exist to ensure that the device can only operate within its authorization in the U.S.?	
<i>Description:</i> The parameters of country, frequencies and etc. are permanent settings and cannot be configured.	
e) What are the default parameters when the device is restarted?	

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	<i>Description:</i> Previous saved or default setting.
	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.
	<i>Description:</i> Our device does not support mesh mode or bridge 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 to ensure compliance.
	<i>Description:</i> Our device works as master mode other than DFS band.
	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))
	Our device will be installed in our product and dismantling is prohibited.

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



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