

Software Configuration Control

Telecommunication Certification Body

UL VS Ltd.
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FCC ID: PVH0926

Model Name: cB-0926

TO WHOM IT MAY CONCERN

This module HW and SW meets the definition of a Section 15.202 client as “a device operating in a mode in which the transmissions of the device are under control of the master” and “not able to initiate a network”.

The module does NOT allow any third-party to initiate or configure the module to initiate any transmission including probes, beacons, or ad-hoc mode transmissions for UNII band-2 (5260 -5320 MHz) and UNII band-2e (5500 – 5700 MHz).

The module software operates in conjunction with RF configuration parameters set in nonvolatile EEPROM. The EEPROM contains all parameters needed for correct operation and the module cannot work without them. The EEPROM is programmed during manufacture. The main DFS routine waits for DFS events from hardware. These events are instructions to cease current transmissions or to move to a new channel. The events are called channel switch indications and contains instructions from the DFS master to cease current operation and information on the channel to switch to. After the channel switch commands is complete, the module returns to listen for DFS events.

To ensure that proper operations modes cannot be modified by an end user or an installer, a status code flag is set in the module HW EEPROM during production and under full control of connectBlue AB. The host-equipment SW driver checks this and it is only possible for changes to be enabled if this flag setting is available. By this we make sure that any type of third party e.g. an OEM or an end customer etc. cannot perform an update of the installed base.

connectBlue therefore ensure that the host manufacturer using the module, or any third party software provider, does not have the ability through software to allow for other configuration controls that permit the device to operate outside the conditions of the grant since the software driver is released only by connectBlue.

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We connectBlue AB declare that our manufacturing software control processes will ensure that our model PVH-0926 complies with the requirements for software configuration control as discussed in FCC KDB # 594280.

Yours sincerely,


Mats Andersson

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CTO, connectBlue AB