PCI PRIVATE LIMITED

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DTS-UNII Device Declaration Letter

To whom it may concern:
We have declared below featured for FCC equipment authorization,
Device FCC: LY5-PCITP1

DFS Device -- ☐ Master , ☐ Client with Radar detection capability
☒ Client without radar detection capability, ☐ N/A

(1)   Active / Passive Scanning , adhoc mode access point capability

Frequency Band (MHz)	Active Scanning (the device can transmit a probe (beacon))	Passive Scanning (where the device is can listen only with no probes)	Ad Hoc Mode or WIFI Direct capability	Access point capability
5150-5250	☒ Yes , ☐ No	☐ Yes , ☒ No	☐ Yes , ☒ No	☒ Yes , ☐ No
5250-5350	☐ Yes , ☒ No	☒ Yes , ☐ No	☐ Yes , ☒ No	☐ Yes , ☒ No
5470-5725	☐ Yes , ☒ No	☒ Yes , ☐ No	☐ Yes , ☒ No	☐ Yes , ☒ No
5725-5850	☒ Yes , ☐ No	☐ Yes , ☒ No	☐ Yes , ☒ No	☒ Yes , ☐ No

(2)   Country code selection ability - ☒ Yes , ☐ No
If yes, pls explain how it was implemented: (pls also help to provide detail of options for each country selection)
[PCI] Able to select US, Canada or Europe region by configuring the /usr/sbin/iw-set.sh file.

(3)   Meet 15.202 requirement - ☒ Yes , ☐ No ,
pls check below:
☐ A master device is defined as a device operating in a mode in which it has the capability to transmit without receiving an enabling signal. In this mode it is able to select a channel and initiate a network by sending enabling signals to other devices
☒ A client device is defined as a device operating in a mode in which the transmissions of the device are under control of the master. A device in client mode is not able to initiate a network.

(4)   For client devices that have software configuration control to operate in different modes (active scanning in some and passive scanning in others) in different bands (devices with multiple equipment classes or those that operate on non-DFS frequencies) or modular devices which configure the modes of operations through software, the application must provide software and operations description on how the software and / or hardware is implemented to ensure that proper operations modes cannot be modified by end user or an installer.
☐ Apply , ☒ No Apply ,   (If apply , pls help to provide explanation on it was implement , and how software was controlled)

(5)   Please help to provide justification how device was restricted to operate in 5600-5650MHz in below.

> This device operates as a client without radar detection capability and will be programmed at the factory to passively scan on the following dynamic frequency selection (DFS) channels and will only listen for a master device and cannot send a probe request to initiate communication on these DFS channels, accordingly passive scanning provides protection for TDWR operation and preventing transmission in the 5600MHz – 5650MHz frequency band.

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