

FCC ID: TK4WPE72NX
IC: 7849A-WPE72NX

Date: January. 6, 2011

Gentlemen:

We, Compex Systems Pte Ltd, declare the device of FCC ID:TK4WPE72NX, Model Name: WPE72NX, with the following description as a UNII device:

Channel/frequency plan: The channels that have active scanning or passive scanning. Active scanning is where the device can transmit a probe (beacon) and passive scanning is where the device can listen only without probes. Please see the table.

Table

Bands	Channel Frequency(MHz)	Active/Passive	Enable/Disable
2.4GHz	2412-2462	Active/Passive	Enable
	2467-2477	/	Disable
5GHz (UNII)	5180-5240	Passive	Enable
	5260-5320	/	Disable
	5500-5700	/	Disable
5.8GHz	5745-5825	Active/Passive	Enable

This device is a multiple equipment classes as a master or client device that have software configuration control to operate in different modes, active scanning in access point, station, router modes and passive scanning in station and routing client modes, and this device will support three non-DFS frequency bands, includes the bands 2412-2462MHz, 5180-5240MHz and 5745-5825MHz; the radio modular PCI card that configure the modes of operations and the three non-DFS frequency bands through software, the DFS frequencies shall be closed through software, to ensure this device does not initiate any transmission on DFS frequencies, and such software configuration control for closed the DFS frequency is implemented in the factory by Compex Systems Pte Ltd, to ensure that proper operations modes and operations bands cannot be modified by an end user or an installer.

Compex Systems Pte Ltd

135 Joo Seng Road, #08-01 PM Industrial Building Singapore 368363

The radio modular PCI card (FCCID:TK4-10-WLE200NX) was approved as a modular, the grantee is Compex Systems Pte Ltd that is the host manufacturer also, this device(FCCID:TK4WPE72NX) have software configuration control is performed by Compex Systems Pte Ltd, and to ensure that does not have operate outside the conditions of the grant of the modular, for example,the maximum output power shall be limited to comply with the grant of the modular throught the QA software configuration control before leave the factory, the end user or installer shall be can only to select this limited maximum output power level or lower level throught web interface; The same to available frequency channels, the available frequency channels shall be limited to the above table throught the QA software configuration control befor leave the factory, the end user or installer shall be can only to select the enable frequency channels of the above table throught web interface.

Sincerely,

Compex Systems Pte Ltd



(Yaw Thiam Teng)
(R&D Manager)