July 6, 2011

Federal Communications Commission
7435 Oakland Mills Road
Columbia, Maryland 21046
USA

Subject: Model 512AN_MMW Wireless Lan PCIe Card
          FCC ID's: PD9512ANM (original issue granted 6/17/2008)

Gentlemen:

Please be advised that the Model 512AN_MMW Wireless Lan PCIe card is manufactured for the
global market but when marketed in the U.S. under FCC ID PD9512ANM the EEPROM will be
programmed at the factory to only operate and actively scan on these specific channels:

Channels 1-11, 2412-2462MHz 802.11b mode
Channels 1-11, 2412-2462MHz 802.11g mode
Channels 1-11, 2412-2462MHz 802.11n mode (20MHz channel)
Channels 3-9, 2422-2452MHz 802.11n mode (40MHz channel)

The following channels will be programmed at the factory to passively scan and will only listen and
cannot send a probe request to initiate communication on these specific channels. Ad-hoc mode is
always disabled on these passive channels. Client software and drivers will not enable the device to
act as a master or group owner for transmission on DFS frequencies.

Channels 12 &13, 2467 & 2472MHz 802.11b mode
Channels 12 &13, 2467 & 2472MHz 802.11g mode
Channels 12 &13, 2467 & 2472MHz 802.11n mode (20/40MHz channel)
Channels 36-48, 5180-5240MHz 802.11a mode
Channels 36-48, 5180-5240MHz 802.11n mode (20 MHz channel)
Channels 38-46, 5190-5230MHz 802.11n mode (40MHz channel)
Channels 52-64, 5260-5320MHz 802.11a mode
Channels 52-64, 5260-5320MHz 802.11n mode (20 MHz channel)
Channels 54-62, 5270-5310MHz 802.11n mode (40MHz channel)
Channels 100-140, 5500-5700MHz 802.11a mode
Channels 100-140, 5500-5700MHz 802.11n mode (20 MHz channel)
Channels 102-134, 5510-5670MHz 802.11n mode (40MHz channel)
Channels 149-165, 5745-5825 802.11a mode
Channels 149-165, 5745-5825MHz 802.11n mode (20 MHz channel)
Channels151-159, 5755-5795 802.11n mode (40MHz channel)

This information when programmed into the EEPROM will not be accessible and can not be changed
by the end user. The transmitter is approved as a non-software defined radio and OEMs and third
party software providers do not have the ability through software to allow configuration controls that
permit the device to operate outside the grant conditions per FCC KDB 594280.

Sincerely,

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