



August 9, 2012

Federal Communication Commission  
Office of Engineering and Technology  
USA

RE: FCC ID:PIDASMAX3700  
Form 731 CN: EA641636  
Subject: CRN 42328

Dear Mr. Lyles,

Please find attached our response according to your questions.

#### A. Contention Based Protocol

1. The description is confusing (item 1) referring to "this product is already certified as restricted". There is no other certification for this FCC ID. This should be removed or properly explained.

Response: This item is not relevant to this module approval and should be removed, it was submitted by mistake, sorry.

2. The description of the protocol needs to explain that this is for a module integrated into a base station (assumed) or fixed subscriber station.

Response: This module integrated into a fixed subscriber station only, it is not applicable for a Base Station.

3. Currently, the CBP for the non restricted bands is confined to matching systems identified by Base stations and Remote FCC ID(s). In your case a remote does not participate directly in the CBP. We need a better explanation of what this application is for (remote or base station). You need to identify in this application the FCC IDs of the base or remote thus device will apply to..

Response: This module is managed remotely by a certified Base station only, for example - FCC ID:PIDMMAX3605.

4. The description needs to clarify the host restriction (Cisco series 1000)-see item C 2 below.

Response: File "Module limitation statement letter\_23306" attached.

5. Your test report does not demonstrate the accuracy of the threshold. You need to show that a CW signal injected within the band pass (low mid and High) at the threshold level inhibits transmission. If you were trying to say this by the sentence in item 6 below-it was not clear.

Response The:SSRM 3.65GHz is a WiMAX fixed subscriber station and it is managed by - for example a WiMAX Base station such as FCC ID PIDMMAX3605.

6. Do not understand 2.2.3 previous submitted test report? Not sure what you're talking about.

Response: As stated in #1 above, sorry.

7. Clarify the last sentence (note) in 2.4.6. Do not understand the sentence.

Response: As stated in #1 above, sorry.

#### B. Software Defined Radio

1. Clarification of 3.1 and 3.4 is needed. 3.1 And 3.4 answered that third parties cannot make modifications. This answer should be in response to question 4. Questions 3.1 and 3.2 are asking if third parties can use your authorized software designed for other country domains. For example, most FCC Certified SDR's imbed a factory firmware token not alterable by third parties so that only US code works.

Response: Updated doc "Software\_description\_23306\_rev1" attached.



2. Response to question 4 needs more clarification than just saying proprietary. For example your “module code” is proprietary and factory compiled and loaded with proprietary tools and extremely difficult to modify.  
Response : Updated doc “Software\_description\_23306\_rev1” attached.

C.Module approval.

1. Note code 10-appears not to be applicable.

Response: Your question is not clear for us, please clarify.

2. A statement letter is required to clarify that this application is a limited module limited to operation in the Cisco 1000 series routers. You need to state if any of the characteristics reported in this application (or for any other provision) is dependant on Cisco 1000 series router.

Response: File “Module limitation statement letter\_23306” attached.

3. Clarification is needed on MIMO capabilities and test report. Does it support MIMO or not?

Response: The module supports MIMO capabilities as described in User manual Section 2, page 14. The Table 6.6 of the test report includes the aggregate power of the both RF chains, Tables 7.1.2, 7.1.3 show Total power, dBm = Power meter reading + 10\*log(N) = Power meter reading + 3 dB, where N=2.

4. Your Manual is not appropriate. It is unclear if this module is intended for factory integration or field installation. This must be defined as an Instruction Manual for professional system integrators (factory or field or both) with additional clarifications:

Response: This module is intended for factory integration, referenced User manual Section 1.1, page 13. The adjusted User\_manual\_23306\_rev1 uploaded.

5. You need more detail for the FCC notice to address on the specific conditions of use for a module: The specific conditions of use must be stated (or referenced) in this section and not scattered about the manual.

i.FCC Notice: FCC RF Safety Statements to be included in this section.

Response: Referenced user manual page 7.

ii.Limitation with Cisco 1000 series router. This is a condition and limitation of this module. This is not a caution but a grant condition.

Response: Corrected referenced user manual page 10.

iii.Specify the limitations on what antennas must be used (you can reference the appropriate section in the manual containing the antenna specifications or part numbers).

Response: Added link in user manual page 10.

iv.Module must be accessible (if field installed)

Response: N/A

v.Labeling Requirements (or reference the appropriate section)

Response: Referenced user manual page 10

vi.Compatible with Far end products (by FCC ID)

Response: Only for Cisco 1000

vii.Any other conditions of use necessary.

Response: N/A

Name of authorized person: Zion Levy  
Position: Compliances & Integration Engineer