

May 12, 2009

To: Mr. Carlos Bonilla  
[Carlos.Bonilla@fcc.gov](mailto:Carlos.Bonilla@fcc.gov)  
FCC Equipment Authorization Branch

**Applicant: Vecima Networks Inc.**  
**FCC ID: OPPOBR3650HP**  
**Form 731 Confirmation Number: EA595202**  
**Date of Original E-Mail 5/7/2009**  
**Correspondence Reference Number 37420**

**OPERATIONAL DESCRIPTION**

Contention Based Protocol Exhibit

Dear Mr. Bonilla,

Thank-you for your letter dated May 7, 2009 respecting our application for the lower 25 MHz of the band 3650-3675 MHz –part 90 Subpart Z.

Please note, our response here is applicable to a restricted CBP type only.

The FCC makes mention of WiMAX technology and protocol as an example of restricted contention protocol:

“34. Under the Commission’s rules, contention-based protocols can be broadly categorized as either “unrestricted” or “restricted”. WiMAX, with its scheduling protocol, currently stands as the main example of a “restricted” contention technology.

WiMAX qualifies as implementing a restricted contention protocol, as multiple subscriber devices can coexist within the same network, and multiple networks can coordinate operations to minimize interference. Different WiMAX systems can be coordinated to avoid interfering with each other, thus providing each WiMAX device a “reasonable opportunity to operate”.

The **Vecima Networks OBR3650HP+ (FCCID:OPPOBR3650HP)** employs WiMAX 802.16d technology to provide “restricted” contention-base protocol with reference to CFR Title 47 PART 90 Subpart Z, 90.1319

Please contact the undersigned should you need additional information.

Sincerely,



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