



Tim Dwyer <rfspectrum@gmail.com>

Alvarion Ltd., FCC ID: LKT-EXTR-CPE-58, Assessment NO.: AN09T9296, Notice#1

5 messages

tim.dwyer@ccsemc.com <tim.dwyer@ccsemc.com>

Wed, Jun 24, 2009 at 10:12 PM

To: tom@tncokenias.org
Cc: tim.dwyer@ccsemc.com

Hello Tom,

Review of this application is complete. Please reply to the following items. If you have questions, please ask.

Q1: Separation distance of 20 cm is specified in the user manual. Please provide a revised user manual with information consistent with the MPE evaluation.

Q2: If operation will be according to P2P provisions of 15.247, 15.247(b)(4)(iii) and 15.247(c)(1)(iii) require information concerning responsibilities for P2P operation to be contained in the user manual. Please include this information in the revised user manual.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

Best regards,

Tim Dwyer
Technical Reviewer

Thomas Cokenias <tom@tncokenias.org>

Sun, Jul 5, 2009 at 5:50 PM

To: "<tim.dwyer@ccsemc.com>" <tim.dwyer@ccsemc.com>

Hi Tim,

Answers follow questions

best regards

Tom

On Jun 24, 2009, at 7:12 PM, <tim.dwyer@ccsemc.com> <tim.dwyer@ccsemc.com> wrote:

Hello Tom,

Review of this application is complete. Please reply to the following items. If you have questions, please ask.

Q1: Separation distance of 20 cm is specified in the user manual. Please provide a revised user manual with information consistent with the MPE evaluation.

ANS1 The separation distance in the manual will be 2m. Refer to page iv of the updated user manual

Q2: If operation will be according to P2P provisions of 15.247, 15.247(b)(4)(iii) and 15.247(c)(1)(iii) require information concerning responsibilities for P2P operation to be contained in the user manual. Please include this information in the revised user manual.

ANS2 The CPE associates with only one provider base station, therefore the CPE always communicates in a point to point manner.


best regards

Tom

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

Best regards,

Tim Dwyer
Technical Reviewer

 **ExtremCPEmanualCORR.pdf**
2796K

Thomas Cokenias <tom@tncokenias.org>

Wed, Jul 29, 2009 at 5:07 PM

To: "<tim.dwyer@ccsemc.com>" <tim.dwyer@ccsemc.com>

Hi Tim,

I sent reply previously but it was not in good shape. I'm starting over here. Answers follow questions. And of course this is just as hot as the NETB 58, now maybe hotter. argh

best regards

Tom

On Jun 24, 2009, at 7:12 PM, <tim.dwyer@ccsemc.com> <tim.dwyer@ccsemc.com> wrote:

Hello Tom,

Review of this application is complete. Please reply to the following items. If you have questions, please ask.

Q1: Separation distance of 20 cm is specified in the user manual. Please provide a revised user manual with information consistent with the MPE evaluation.

ANS1 See attached revised user manual page 6/110. Separation distance is listed as 120cm, about 2xMPE distance

Q2: If operation will be according to P2P provisions of 15.247, 15.247(b)(4)(iii) and 15.247(c)(1)(iii) require information concerning responsibilities for P2P operation to be contained in the user manual. Please include this information in the revised user manual.

ANS2 See page 76/110 of attached revised user manual. The description of how the product works, as per firmware installed at

factory, is that it will only communicate with one base station at a time, i.e., P2P. The installer/user can't change this. Do you need additional words about P2P? If so, I will get to you by tomorrow.

best regards

Tom

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

Best regards,

Tim Dwyer
Technical Reviewer

 **15JulyCPEmanual.pdf**
994K

Tim Dwyer <tim.dwyer@ccsemc.com>

Thu, Jul 30, 2009 at 1:01 PM

To: Mike Kuo <mike.kuo@ccsemc.com>

Cc: Chris Harvey <charvey@ieee.org>

Hi Mike,

I would like to ask for your opinion on this matter related to pending Alvarion applications.

- 15.247, 15.247(b)(4)(iii) and 15.247(c)(1)(iii) require information concerning responsibilities for P2P operation to be contained in the user manual as follows.

(iii) Fixed, point-to-point operation, as used in paragraphs (c)(1)(i) and (c)(1)(ii) of this section, excludes the use of point-to-multipoint systems, omnidirectional applications, and multiple co-located intentional radiators transmitting the same information. The operator of the spread spectrum or digitally modulated intentional radiator or, if the equipment is professionally installed, the installer is responsible for ensuring that the system is used exclusively for fixed, point-to-point operations. **The instruction manual furnished with the intentional radiator shall contain language in the installation instructions informing the operator and the installer of this responsibility.**

- The Alvarion manuals do not include any statement related to this requirement.

- Alvarion's response is that since the product can operate only in P2P mode, that the manual statement is not necessary.

- Is this an interpretation issue or can we approve based on Alvarion's statement that the product operates only in P2P mode.

Best regards,

Tim

[Quoted text hidden]

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

Best regards,

Tim Dwyer
Technical Reviewer

--

Tim Dwyer
Quasi-Peak Wireless
766 Pucker Street
Coventry, CT 06238 USA
(860) 558-1791
email: tdwyer@quasi-peak.com
timothy_dwyer@ieee.org
web: www.quasi-peak.com



15JulyCPEmanual.pdf
994K

Mike Kuo <mike.kuo@ccsemc.com>

Fri, Jul 31, 2009 at 12:34 PM

To: "Timothy M. Dwyer" <tim.dwyer@ccsemc.com>

Cc: Chris Harvey <charvey@ieee.org>

Hi Tim:

Section 2.5 of user manual provides detail installation instruction for this ODU. I do not think additional professional installation instruction is needed. In addition, page 44 of user manual indicates the line of sight requirement which is required for P-t-P operation.

The ODU should be installed where it can provide a direct, or near line of sight with the WiMAX base station. Normally, the higher the unit placement, the better the link quality.

Best Regards

Mike Kuo

Compliance Certification Services

47173 Benicia Street

Fremont, CA 94538

Direct: (510) 771-1105

Fax: (510) 661-0888

Main: (510) 771-1000

[e-mail:mike.kuo@ccsemc.com](mailto:mike.kuo@ccsemc.com)

Web Site:www.ccsemc.com

From: rfpectrum@gmail.com [mailto:rfpectrum@gmail.com] **On Behalf Of** Tim Dwyer

Sent: Thursday, July 30, 2009 10:01 AM

To: Mike Kuo

Cc: Chris Harvey

Subject: Fwd: Alvarion Ltd., FCC ID: LKT-EXTR-CPE-58, Assessment NO.: AN09T9296, Notice#1

[Quoted text hidden]
