

Chris Harvey

From: Thomas Cokenias [TOM@TNCOKENIAS.ORG]
Sent: Thursday, July 10, 2008 5:56 PM
To: charvey-tcb@ccsemc.com; charvey-tcb@ccsemc.com
Subject: Re: Arcadian Networks Inc., FCC ID: V72V487I, Assessment NO.: AN08T8065, Notice#1

Attachments: ReplyTCBDocs.zip; ATT00098.txt



ReplyTCBDocs.zip (984 KB)
ATT00098.txt (95 B)

Hi Chris,

Answers follow questions.

best regards

Tom

On Jul 2, 2008, at 2:57 PM, <charvey-tcb@ccsemc.com> <charvey-tcb@ccsemc.com> wrote:

> Dear Tom Cokenias,
>
> You are listed as the Technical Contact for the above referenced TCB
> application. The following item(s) need(s) to be resolved before the
> review can be continued:
>
> 1. Please provide a label location exhibit.

ANS 1 The label location photo is in the attached zip file

>
> 2. The RF Spec sheet says the power (RF Tx level) is +27dBm, but
> the test report documents 33.27 dBm Peak and 30.25 dBm average.
> Please correct the discrepancy. Also, the online application form
> used the Average power measurement, but the limit for FCC compliance
> is the Peak output Power.

ANS 2 The 27 dBm level in the Arcadian specification is the minimum committed to customer. Does the user manual need to be updated to the test results in this case?

>
> 3. Please update the RF Exposure exhibit. The Test report states a
> 13.65dBi antenna while the RFx exhibit states 11.5dBi antenna.
> Please clarify the Antenna used with this device, and update the RF
> Exposure exhibit to show the variables and the full calculation of RF
> Exposure separation.

ANS 3 Updated RF exposure exhibit is in the attached zip file. The user manual has been updated on page 9 to show 84 cm separation distance, and is also in the attached zip file.

>
> 4. Additionally, the RF Exposure exhibit states that the RF Exposure
> will be addressed at the time of Licensing. If the antenna is
> provided with this device, then RF Exposure can be addressed in this
> application, as long as the installation guidance indicates the
> required separation. If the antenna is not provided then the grant
> can be conditioned to require RF Exposure to be addressed at the time
> of licensing.

>
> The following Grant condition could be added, if applicable:
> "Output power listed is conducted. The antenna(s) used for this
> transmitter must be professionally installed and fixed-mounted on

> outdoor permanent structures. Antenna's up to 13.65 dBi require a
> separation of 84 cm to persons. Antennas greater than 13.65 dBi may
> require RF exposure compliance is addressed at the time of licensing,
> as required by the responsible FCC Bureau(s), including antenna
> co-location requirements of §1.1307(b)(3)."

ANS 4 The grant condition is acceptable to Arcadian. Note correction in separation distance to show 84 cm

>
> 5. The test report Table 7.1.2. is titled EIRP test results, but the
> data seems to be Conducted power. Please clarify and correct as
> needed.

ANS 5 Revised test report is in the attached zip file.

>
> 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,
>
> Chris Harvey
> Charvey-tcb@ccsemc.com
>