

Chris Harvey

From: Thomas Cokenias [tom@tncokenias.org]
Sent: Wednesday, June 18, 2008 2:12 PM
To: Chris Harvey
Subject: Fwd: Arcadian Networks Inc., FCC ID: V72V384, Assessment NO.: AN08T7996, Notice#1
Attachments: V384 User Guide Ver1 02 _2_.pdf; ATT00044.htm

Hi Chris,

Answers to your second and third questions are below.

Since the product does not have USB and only has LAN connection, the product does not fit the definition of computer peripheral, so the DoC issue is moot. ☐ I am informing the client that the DoC FCC logo should be removed from the label.

thanks and best regards

Tom

Begin forwarded message:

From: "Hillel Hendler" <hillel.hendler@arcadiannetworks.com>
Date: June 18, 2008 8:10:07 AM PDT
To: "Thomas Cokenias" <tom@tncokenias.org>
Subject: RE: Arcadian Networks Inc., FCC ID: V72V384, ☐ Assessment NO.: AN08T7996, Notice#1

- 1.
2. [The RF frequency in User Guide table was updated \(attached Ver 1.02\).](#)
3. [The modem has RJ45 LAN connector, as shown in the photos. There is no USB connector. Note: The USB was mention in the User Guide just because it was an option on another modem. This modem does not include USB conector.](#)

☐

Hillel Hendler
Phone: ☐☐ +972 (0) 3 9769847
Mobile: +972 (0) 54 4588984
E-Mail: <mailto:hillel.hendler@arcadiannetworks.com>

From: Chris Harvey [<mailto:charvey@ieee.org>]
Sent: Wednesday, June 18, 2008 8:00 AM
To: 'Thomas Cokenias'
Subject: RE: Arcadian Networks Inc., FCC ID: V72V384, Assessment NO.: AN08T7996, Notice#1

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Tom, thank you for the response. ☐ I have reviewed the responses and replacement report and

6/18/2008

manual.

The question about FCC-DoC compliance is not resolved. The FCC requires that DoC compliance testing be performed only by US Accredited Labs, or Accredited labs that reside in an MRA partner country. Since Hermon Labs is in Israel and there is currently no MRA agreement between US and Israel, they are not authorized by the FCC to perform DoC compliance testing. Since this is likely to be classified as a Computer Peripheral, Certifications (equipment Class JBP, composite application) is an option. The Table in FCC 15.101 can be used to determine which approval type is available for different types of devices.

The original Notice #1, item 4 indicated that the RF Frequency in the manual was listed as 776-777 MHz, but the application is for 787-788 (actually 787.1625 - 787.8375) MHz. Please also note that the same table states that the USB port is not currently supported, but the photographs show the device's USB port connected. Please make the necessary corrections in the manual.

Please contact me if you have any questions.

Best regards,

Chris Harvey

From: Thomas Cokenias [<mailto:TOM@TNCOKENIAS.ORG>]

Sent: Tuesday, June 17, 2008 4:11 PM

To: Chris Harvey

Subject: Fwd: Arcadian Networks Inc., FCC ID: V72V384, Assessment NO.: AN08T7996, Notice#1

Hi Chris,

Here are the answers to your questions.

best regards

Tom

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Begin forwarded message:

□

From: "Hillel Hendler" <hillel.hendler@arcadiannetworks.com>

Date: June 17, 2008 6:18:52 AM PDT

To: "Thomas Cokenias" <TOM@TNCOKENIAS.ORG>

Subject: RE: Arcadian Networks Inc., FCC ID: V72V384, Assessment NO.: AN08T7996, Notice#1

□

Hi Tom,

Please see below in blue.

Regards

Hillel

Hillel Hendler

Phone: +972 (0) 3 9769847

Mobile: +972 (0) 54 4588984

E-Mail: <mailto:hillel.hendler@arcadiannetworks.com>

□

Begin forwarded message:

From: <charvey-tcb@ccsemc.com>

Date: June 13, 2008 11:20:55 AM PDT

To: <TOM@TNCOKENIAS.ORG>

Cc: <charvey-tcb@ccsemc.com>, <claire.hoque@ccsemc.com>

Subject: Arcadian Networks Inc., FCC ID: V72V384, Assessment NO.: AN08T7996, Notice#1

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. The confidentiality request lists the Circuit Description exhibit but did not list the Operational Description as being requested for confidentiality. Please confirm and update the Confidentiality request letter if needed.

ANS1 The document called Operational Description does not have any confidential information.

Hillel: confirmed.

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2. The Test Report MPE measurement section indicates (section 7.2.2.2.) that the probe is positioned 3 meters away from the EUT antenna, but the manual indicates a 20cm separation requirement. Is this device going to be evaluated for RF Exposure compliance at the time of licensing? The test report indicates that a 13.65dBi (11.5dBd) antenna is used with this device (from the power calculations) but there is no full antenna description submitted. There is also no guidance on antenna selection in the Users manual. Please clarify these items.

ANS2 Hillel:

- a. Tables 7.2.2 and 7.2.3 provide test results measured at different distances from the EUT antenna, it starts from 3 meters separation and drops down to 20 cm to indicate the expected exposure at different distances and to confirm compliance at 20 cm minimum separation distance stated by the manufacturer.
- b. I updated the manual on page 6 (attached, Ver. 1.01) with the following:

Note: Use 11.5 dBd gain antenna, Arcadian model 4RF0054-A, or equivalent

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3. The Users Manual indicates that the UHF antenna is to be connected via a 75-ohm cable (but typical RF antennas are rated at 50-ohms. Is the output actually a 75-ohm IF output that is connected to an external RF unit? Please clarify.

ANS 3 Hillel: The RF port is F-type 75 ohm. The 75 ohm cable is standard for UHF.

4. The Users Manual seems to indicate that this device operates at an RF Frequency of 776 - 777 MHz (table on page 7) and has an IF connector on the unit (not RF connector). Please confirm and update the Users Manual if needed.

ANS 4 Hillel: Updated to RF connector in the manual.

5. The FCC ID Label has the FCC logo for Declaration of Conformity compliance. Please indicate which laboratory was used for the DoC compliance testing (if in foreign country is it an MRA partner country?).

ANS 5 Hillel:

Hermon Labs performed FCC part 15 tests as provided in section 8 of the test report. Hermon Labs is listed in the FCC approved laboratories for Part 15 tests.

Hermon Labs is accredited by A2LA, certificate No.839.01 (as shown in the header on the 1st page of the test reports).

6. 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 6 Hillel: Corrected in the attached Test report (rev.2).

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

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