
From: Thomas Cokenias [mailto:tom@tncokenias.org]
Sent: Thursday, June 08, 2006 4:05 PM
To: charvey-tcb@ccsemc.com
Subject: Re: Vyvo Inc., FCC ID: PBJV284-PLUS-A, Assessment NO.: AN06T5829, Notice#1

Hello Chris,

Answers follow questions.

best regards

Tom

On Jun 6, 2006, at 8:56 AM, <charvey-tcb@ccsemc.com> <charvey-tcb@ccsemc.com> wrote:

Dear Tom,

The above referenced TCB application has been reviewed and the following items need to be addressed before the review can be completed:

1. The Users Manual indicates that this device contains FCC ID: LDK102052P, where the label indicates FCC ID: LDK102052 (no 'P'). Please address this discrepancy.

ANS 1 Corrected labels are attached. I will upload same to website after sending this email.

2. The MPE calculations for this V290iA which incorporates collocated transmitters have not been addressed in this application. Please provide the MPE calculations to address the collocation situation described in this application.

ANS 2 The 700 MHz Vyvo antenna and the 2.4 GHz Cisco antennas are not co-located. The photograph of the EUT shows two monopole antennas, but these are both for the Cisco module (diversity). The Vyvo antenna is located outdoors and is connected via cable to the 700 MHz antenna port. Please refer to email from Vyvo (forwarded to you today) that confirms this.

3. The Original Grant has a condition on the maximum output power and Maximum EIRP for this device (The peak conducted output power at each antenna terminal must not exceed 0.575 W and the peak radiated output power must not exceed 12.9 W EIRP.) The Test Report documents that the maximum rated power is 28.16dBm (= 0.655 Watts) with a 13.5dBi antenna gain. This calculates to 41.66dBm, which is 14.66 Watts EIRP. Please address this discrepancy.

ANS 3 The information in the test report was incorrect, the RATED output power is 0.575 watts. Please refer to email from Vyvo (forwarded to you today) that confirms this.

4. The Test Report mentions the use of a substitution method for Field-strength of Radiated Spurious Emissions, but provides no details of this procedure. Please provide details of this measurement procedure.

ANS 4 The emissions detected were well below the theoretical limit (more than 20 dB below limit) and as such the substitution method was not performed. Hermon Labs references the method in their generic measurement uncertainty declaration, but did not perform the test. The reference to the substitution method been deleted from the header, the revised test report is attached, I will upload to website after sending this email. (See the table on page 22, row no. 2, the FCC lab has omitted the title TIA/EIA-603-A, Section 2.2.12, which not applicable in this report, and said it was a typo

From: Thomas Cokenias [mailto:tom@tncokenias.org]
Sent: Thursday, June 08, 2006 3:54 PM
To: charvey-tcb@ccsemc.com
Subject: Fwd: Vyvo Inc., FCC ID: PBJV284-PLUS-A, Assessment NO.: AN06T5829, Notice#1

Hello Chris,

I received the following correspondence from Vyvo today as support to answers to your questions 2 and 3 in Notice 1 referenced above.

best regards
Tom

Begin forwarded message:

From: "Ronen Cohen" <rcohen@vyvo.com>
Date: June 8, 2006 12:42:17 PM PDT
To: "Thomas Cokenias" <tom@tncokenias.org>
Subject: Vyvo Inc., FCC ID: PBJV284-PLUS-A, Assessment NO.: AN06T5829, Notice#1

Hi Tom,

Please see attached clarification with regard to the PBJV284-PLUS-A, Assessment NO.: AN06T5829, notice #1

Question 2:

The V290iA model has two monopole antennas attached to the Wi-Fi Cisco transceiver. A separate RF cable goes from another connector to Vyvos outdoor 700 MHz antenna

Question 3:

The rated power listed in the test report is not accurate. The correct rated power is 0.575 W

Best regards,

Ronen Cohen

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