

From: Tom Cokenias [tom@tncokenias.org]
Sent: Thursday, November 14, 2002 8:45 PM
To: Mike Kuo
Subject: Re: FW: RadioLAN Marketing Group, Inc., FCC ID:MCI-377, AN02t2275

Mike,

Here are answers to your questions:

ANS1 These are the point to point antennas:

RadioWaves Parabolic Dish Antennas SP4-5.8 34.8 dBi

ANS2 I made corrections to test report, MPE info, and user manual. Attached are corrected corrected documents.

ANS3 The antenna data sheets are attached. The user manual, spec sheets, and reports are now consistent with each other.

ANS4 Pulse position modulation means that the carrier is turned ON and OFF at different times. The amplitude of each (very short) pulse is equal to the peak amplitude of the TX output. Because pulses are only a few nanoseconds in length and are separated from each other by nanoseconds, it is difficult to make peak power measurements when the EUT is transmitting pulse modulated signals. Since it is possible to turn off the pulsing function of the transmitter, the peak output of the transmitter has been determined to be 18 dBm.

This is a standard method of making measurement for this type of product - page 13 of the attached TCB training document seems to permit this, and it is consistent with pulse measurement techniques in HP Application Note 150, and I hope you will be able to accept the measurement as it was presented.

-----Original Message-----

From: CERTADM

Sent: Thursday, October 31, 2002 1:41 PM

To: 'mkuo@ccsemc.com'

Subject: RadioLAN Marketing Group, Inc., FCC ID:MCI-377, AN02t2275

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Question #1: Page 1 of 12 of test report listed four antennas that will be used. Please specify which antenna will be used for point-to-point.

Question #2: The antenna specification listed in the test report does not agree with those antenna listed in the user manual. Please explain.

Question #3: Please provide antenna specification for European Antenna, Telex and 4 ft dish. The 4ft dish antenna specification provided does not agree with the specification listed in the test report.

Question #4: The RBW used in the conducted output power test is 1MHz. The 6dB bandwidth measured for this device is 26MHz. Per FCC measurement guideline in measuring the spread spectrum device, the RBW shall be greater than 6dB BW. Please redo the conducted output power tests and provide the test data.

Best Regards

Mike Kuo / TCB Certifier

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 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.