

Barry Quinlan


From: <tom.tidwell@nemkona.com>
To: <certification@curtis-straus.com>
Cc: <Denise.Godfrey@nemkona.com>
Sent: Saturday, May 18, 2002 7:33 AM
Attach: 1L0526RUS2rev1.pdf; Operational DescriptionRev1.doc; 237726 user manualFIFTH DRAFT.pdf
Subject: RE: Andrew FCC ID: P3824GCA (Nemko 1L0526R)

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

From: Curtis-Straus TCB [mailto:certification@curtis-straus.com]
Sent: Sunday, April 28, 2002 1:15 PM
To: Tom Tidwell
Cc: Denise Godfrey
Subject: Andrew FCC ID: P3824GCA

Hi Tom,

We have the following issues after our review:

1. Please provide conducted spurious plots for the output of the amplifier.
[You will find these plots in the test report \(1L0526RUS2Rev1.pdf\).](#)
2. Please provide bandedge field strength compliance data for the upper channel at the 2483.5MHz band edge.
[You will find this data in the Peak Radiated Spurious emissions table in the report.](#)
3. Please provide peak radiated spurious emissions data for emissions falling into the restricted bands of 15.205.
[You will find this data in the test report.](#)
4. The 15.247 (b) (3) (i) rule is interpreted by the FCC as a non-fractional requirement. Thus the limit drops by an integer 1dB every 3dB increase in the antenna gain. The maximum power for this device is 26dBm given the 16.1 dBi antenna gain. The FCC uses a 30dBm - ((antenna gain - 6)/3) dropping all fractions. Please revise the test report accordingly.
[The test report has been revised.](#)
5. Please revise the operational description to cover the complete system - LAN card, amplifier and antenna.
[The description has been revised.](#)
6. The 15.19(a)(3) statement is not on the label.

[We will get a revised label from the client ASAP. \(Denise...Could you look after this part please?\)](#)
7. The supplied manual does not cover the complete system. At a minimum the manual should state that the amplifier/antenna is only authorized for use with the Agere Systems PC LAN FCC ID: IMRWLPCE24H.
[Please see revised manual.](#)
8. The RF exposure statement in the manual states a 20 cm user/antenna separation distance rather than 2 m.
[Please see revised manual.](#)

Best regards

Barry C. Quinlan
Certification Manager
Curtis-Straus TCB