From: etcemi-seed [etcemi@seed.net.tw]
Sent: Monday, August 12, 2002 3:21 AM
To: Mike Kuo
Subject: Re: Agere Systems Nederland B.V., FCC ID:IMRWLPCE508A, AN02T2145

Dear Mike:

Thank you for your reviewing our application project.

The following is the answer to your question.

Answer 1: Please refer to Techincal_Description.pdf.

Answer 2: Please refer to Exhibit-E-User_Manual.pdf.

Answer 3: Please refer to Exhibit-E-User_Manual.pdf

Answer 4: We have submit to you in the pervious reply e-mail.

Answer 5: Please refer to Test_Data.pdf

If you need more document and instruction, please advise us.
Thank you very much.
Best regards,

Will Yauo / ETC

----- Original Message -----
From: Mike Kuo <MikeKuo@CCSEMC.com>
To: Will Yauo (E-mail) <etcemi@seed.net.tw>; Will Yauo-Personal (E-mail) <willyauo@pchome.com.tw>; <etcemi@ms29.hinet.net>
Sent: Thursday, August 08, 2002 8:13 AM
Subject: Agere Systems Nederland B.V., FCC ID:IMRWLPCE508A, AN02T2145

>
> Question #1: The operational description for this device is not acceptable.
> There are some important information have not been addressed. Please
> provide detail operational description in addressing the following
> requirements:
> a. Section 15.407(c)
> b. Section 15.407(g)
>
> Question #2: Per section 15.407(e) requirements, device operates in
> 5.15-5.25GHz band, the operation is restricted to indoor operations. Please
> revise user manual to include such warning statement.
>
> Question #3: The FCC ID number listed in page 26 of user manual does not
> agree with the proposed FCC ID number. Please make necessary correction.
>
> Question #4: The peak conducted transmit output power: The channel
> bandwidth used in 22MHz which is less than -26dB bandwidth. Please redo

> peak conducted output measurement with channel bandwidth equal to -26dB.
FCC
> recommended peak conducted transmit output power are :
>
> Peak conducted transmit output power.
> Peak output power shall be measured with no video averaging and with a
video
> bandwidth (VBW) greater than or equal to the larger of:
> -- EBW/(2*pi*30), where EBW is the 26-dB emission bandwidth
> -- 1/(2*pi*T), where T is the transmission pulse duration over which the
> transmission is continuous and average symbol envelope power is constant.
>
> Compliance with either of the following methods is acceptable.
> 1) Use a peak power meter applicable for the transmission pulse duration.
> Any low-pass filtering in the meter must comply with the VBW requirement
> above.
>
> 2) Use an analyzer with resolution bandwidth (RBW) greater than emission
> bandwidth.* Use a video filter with VBW as specified above. Use peak
> detector and max hold settings with no averaging. Analyzer should be in
> linear (rather than log) display mode.
> * For Broadband emissions where the available analyzer bandwidth is less
> than emission bandwidth,
> set RBW = 1 MHz and VBW as specified above. Use peak detector and max hold
> settings with no averaging. The analyzer should be in linear (rather than
> log) display
> mode. Compute power by integrating the spectrum across the 26-dB EBW or
> apply a bandwidth correction factor of 10log(EBW/1 MHz) to the spectral
peak
> of the emission. The integration can be performed using the spectrum
> analyzer's band power measurement function with band limits set equal to
the
> EBW band edges or by summing power levels in each 1-MHz band in linear
power
> terms. The 1-MHz band power levels to be summed can be obtained by
> averaging, in linear power terms, the peak-detected,max-hold power levels
in
> each frequency bin across the 1 MHz.
>
> Question #5: Please provide radiated emission data to demonstrate
> 15.407(b)(6) /15.205 requirements.
>
> 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.
>