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May 13, 2002

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Mary Ellen Clayton  
CKC Laboratory  
5473-A Cloud's Rest  
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Dear Ms. Clayton:

As we discussed in our telephone conversation on May 7, 2002, I am sending you this letter to be forwarded to your affiliate TCB along with test data on the PowerWave Technologies Multicarrier PCS Power Amplifier (FCC ID: E675JS0045).



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It is PowerWave's intent that a revised certification for the amplifier specify that its output power is 100 watts per channel, thus permitting the use of stacked amplifiers on a per channel basis. It is our view that such a revision can be accomplished as Class II permissive change under the Commission's rules. Section 2.1043(b)(2) of the rules explains that a Class II permissive change "includes modifications which degrade the performance characteristics as reported to the Commission at time of original certification. Such degraded performance must still meet the minimum requirements of the applicable rules."

Because the output power will be specified per channel it can be presumed that your tests will show some degree of increased field strength and emissions, although still within the FCC's technical parameters. We presume that the amplifier's rated power has not changed. Thus, the revised certification would represent a Class II permissive change.

If you have any questions, please do not hesitate to call us.

Very truly yours,

Robert J. Ungar  
Counsel to PowerWave Technologies