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**IEEE P802.11**  
**Wireless LANs**

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**FCC progress for PBCC approval**

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**Abstract**

*This document presents a letter from the FCC indicating that, as proposed, the FCC would authorize a device which uses a Packet Binary Convolutional Coding (PBCC) system as being in compliance with the requirements of Section 15.247(e).*

**1 FCC progress for PBCC approval**

The following is a letter from Greg Czumak at the FCC following a meeting with Alantro Communications in regard to obtaining PBCC approval:

*"Dear Mr. Heegard:*

*This is in response to your fax dated November 3, 1998, and our subsequent meeting on November 9, 1998. You have described a proposed system using Packet Binary Convolutional Coding as part of a direct sequence spread spectrum system, and inquired whether or not the FCC would authorize a device which uses PBCC.*

*Based on the information provided, there are no conceptual problems with authorizing such a system. Of course, final authorization would be based on actual test performance of such a device, and not on theory and simulation. No grant could be issued prior to an application being submitted which contained all of the necessary test data, including the results of a CW Jamming Margin test, to show compliance with the Processing Gain requirement of Section 15.247(e).*

*I hope that this has been responsive to your inquiry. Please contact me with any further questions.*

*Greg Czumak"*