



April 12, 2002

Mr. William F. Caton  
Acting Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

**RE: RM-10371 - Petition for Rulemaking of the Wireless Ethernet Compatibility Alliance to Permit Unlicensed National Infrastructure Devices to Operate in the 5.470-5.725 GHz Band**

Dear Mr. Caton:

The Telecommunications Industry Association ("TIA") submits this letter in support of the Petition for Rulemaking of the Wireless Ethernet Compatibility Alliance To Permit Unlicensed National Information Infrastructure Devices to Operate in the 5.470-5.725 GHz Band (RM-10371).

TIA is the leading trade association representing the telecommunications and information technology industry, with over 1,100 member companies that manufacture or supply the products and services used in global communications. Among their numerous lines of business, TIA member companies design, produce and deploy wireless network and terminal equipment.

TIA supports the Petition for Rulemaking filed by the Wireless Ethernet Compatibility Alliance ("WECA") seeking a Federal Communications Commission ("Commission") Notice of Proposed Rulemaking ("NPRM") to amend Part 15 of the rules and allow for use of the 5.470-5.725 GHz band by Radio Local Area Networks ("RLANs") and other unlicensed devices. TIA agrees with many of the comments that have been submitted in response to the WECA Petition and respectfully requests that the Commission move forward quickly to issue an NPRM.

TIA believes that the Commission should "[make available] additional spectrum in frequency bands appropriate for the provision of advanced wireless services,"<sup>1</sup> such as these kinds of multimedia data networking applications. As stated in the WECA petition, 5 GHz RLAN devices already are permitted to operate on an unlicensed basis in 300 MHz of spectrum at 5.15-5.35 GHz and 5.725-5.825 GHz. As was the case with the 1997 U-NII Order, TIA anticipates that incumbent users of the 5.470-5.725 GHz band would be protected with

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<sup>1</sup> TIA Spectrum Policy Principles, available at [http://www.tiaonline.org/policy/spectrum\\_prin.cfm](http://www.tiaonline.org/policy/spectrum_prin.cfm).



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