

**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554**

In the Matter of	)	
	)	
Revision of Parts 2 and 15 of the	)	ET Docket No. 03-122
Commission’s Rules to Permit Unlicensed	)	RM – 10371
National Information Infrastructure (U-NII)	)	
Devices in the 5 GHz Band	)	

**REPLY COMMENTS OF AT&T CORP.**

In accordance with the deadline established via the publication of the Commission’s Notice of Proposed Rulemaking in the Federal Register on July 25, 2003, AT&T Corp. (“AT&T”) submits these reply comments. AT&T supports the Commission’s efforts to allocate additional spectrum for unlicensed U-NII devices. Such additional spectrum will aid in the deployment of wireless broadband services (*e.g.*, WiFi), and help bring the benefits of broadband access to additional consumers. As pointed out in the comments of IEEE 802 (“IEEE Comments”), however, such new spectrum should be opened for additional broadband – and not narrowband – uses.<sup>1</sup> AT&T believes that a primary benefit of the proposed additional U-NII allocation is more readily available multimedia Internet connectivity, and the original vision for the U-NII band will be best preserved by supporting this application. Moreover, the Commission’s work to align bands worldwide through the WRC offers an opportunity for a worldwide common wireless access framework enabling such broadband applications.

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<sup>1</sup> IEEE Comments at 9.

AT&T also supports the Commission's proposal to require use of Dynamic Frequency Selection ("DFS") as a mechanism to protect incumbent radar systems in the 5250-5350 and 5470-5725 MHz band against harmful interference.<sup>2</sup> Studies have shown that DFS will help assure protection of government radar systems in the subject bands.<sup>3</sup> In addition, as demonstrated by IEEE 802, the Commission should adopt its proposal that where multiple devices operate under a central controller, only the central controller would be required to have DFS capability.<sup>4</sup> AT&T also supports IEEE 802's position that the test procedures to be developed for DFS and transmit power control ("TPC") conformance testing should be aligned with the work that has already been done by ETSI, as embodied in ETSI EN 301 893 V1.2.2 (2003-06).<sup>5</sup>

Finally, AT&T urges the Commission to ensure that the rules are consistent across all spectrum allocated to U-NII devices to enable such devices to choose minimally interfering channels from the largest possible group. For example, AT&T recommends that the Commission consider permitting indoor and outdoor use of U-NII devices in all allocated bands.

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<sup>2</sup> *See id.* at 7. Indeed, IEEE 802 contends that DFS use is required by international treaty. *Id.* at 8.

<sup>3</sup> *Id.* at 7.

<sup>4</sup> *See id.* at 10 ("it is only necessary that APs [access points or central controllers] perform the radar detection function in order to assure that the system behave appropriately in terms of avoiding co-channel interference to radar systems").

<sup>5</sup> *Id.* at 18.

**CONCLUSION**

AT&T endorses the Commission's proposal to allocate additional spectrum for U-NII devices. This new spectrum will provide an additional path to reach consumers and aid the deployment of innovative broadband services to end users.

Respectfully submitted,

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CERTIFICATE OF SERVICE

I, Theresa Donatiello Neidich, do hereby certify that on this 23<sup>rd</sup> day of September 2003 a copy of the foregoing "Reply Comments of AT&T" was served by US first class mail, postage prepaid, on the parties listed below.

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