

**STATEMENT OF  
CHAIRMAN AJIT PAI**

*Re: Amendment of Part 90 of the Commission's Rules, WP Docket No. 07-100*

In 2002, a robot vacuum, the Roomba, was introduced to American consumers. And what was initially considered a novelty has since become a mainstay of the marketplace. Today, robot vacuums represent 20% of the worldwide vacuum market.

Another project was launched back in 2002, as the FCC designated a 50-MHz swath of contiguous spectrum in the 4.9 GHz band for public safety use. Sadly, that initiative hasn't met with similar success. According to the Commission's licensing database, only about 3.5% of potential licensees have actually taken advantage of the 4.9 GHz band. Considering the massive demand for mobile services, and the consequently massive demand for spectrum, preserving a lightly-used 4.9 GHz band isn't an option.

That's why today's *Sixth Further Notice* is important. Our goals are simple: To promote more productive use of the band, to foster the development of new technologies, and to spur investment. We believe that we will unleash the potential of this band with the proposals we consider here, from aggregating channels into larger blocks to facilitate broadband use to opening the door to more spectrum sharing.

I want to thank those who worked on the item. From the Public Safety and Homeland Security Bureau: Rochelle Cohen, Tom Eng, Lisa Fowlkes, David Furth, Renee Roland, Rasoul Safavian, and Michael Wilhelm; and Deborah Broderson and David Horowitz from the Office of General Counsel. If America has the ingenuity and vision to make a success of robot vacuum cleaners, then surely with your help we can make a go of the 4.9 GHz band.