

**SEPARATE STATEMENT OF
CHAIRMAN MICHAEL K. POWELL**

Re: Establishment of Interference Temperature Metric to Quantify and Manage Interference and to Expand Available Unlicensed Operation in the Fixed, Mobile and Satellite Frequency Bands. (Adopted November 13, 2003)

The introduction of a new “interference temperature” model has the potential to tremendously improve radio spectrum management. Rather than assess interference based solely on transmitter operations, the interference temperature model introduced in the Commission’s Spectrum Policy Task Force Report takes into account the cumulative effects of all undesired radio frequency energy. The marketplace demands for spectrum require that we explore new ways to use this resource more efficiently.

The Notice of Inquiry seeks comment on various technological factors and the process for managing the transition to a new interference temperature paradigm. The Notice of Proposed Rulemaking seeks comments on technical rules that would establish proper limits and procedures for assessing interference temperature. Moreover, the NPRM proposes to begin experimenting with the interference temperature approach on a limited basis in select frequency bands and recommends imposing restrictions on unlicensed devices that would include limiting the transmitter output power and requirements to use transmit power control (TPC) and dynamic frequency selection (DFS).

I fully support consideration of this new approach to interference control and spectrum management. It promises to promote more efficient use of spectrum and encourage new and innovative uses of this important resource for the benefit of the American public.