

Catherine Wang  
Direct Phone: 202.373.6037  
Direct Fax: 202.373.6001  
catherine.wang@bingham.com

October 5, 2007

**VIA ELECTRONIC FILING**

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, DC 20554

Re: **NOTICE OF *EX PARTE* MEETING**

ET Docket No. 04-186; Unlicensed Operation in the TV Broadcast Bands

Dear Ms. Dortch:

On October 4, 2007, Glenn Adamo, Vice President of Media Operations, National Football League ("NFL") and James Stoffo, a nationally prominent, independent RF Consultant, as well as Catherine Wang and Nguyen Vu of Bingham McCutchen LLP, outside counsel to the NFL and Mr. Stoffo, met with the Aaron Goldberger, Legal Advisor to Chairman Martin to discuss Docket No. 04-186.

During this meeting the NFL reemphasized the critical and irreplaceable role that wireless microphone operations play in each of the 256 regular season games, all of the NFL playoffs, and the Super Bowl. Mr. Adamo emphasized that, as a content provider through such platforms as the NFL.com and NFL Films, the NFL supports the proliferation of broadband services to consumers. It cautioned the Commission, however, not to put the "cart before the horse" in this proceeding by authorizing unlicensed personal portable devices to operate on TV frequencies without it first being demonstrated that these devices will not cause debilitating interference to the incumbent wireless microphones currently operating in the band. To that end, the NFL observed that portable technology prototypes have already performed extremely poorly in sensing tests documented by the Commission. Should the Commission decide to undertake further testing, those tests must include meaningful, real-world testing of unlicensed personal portable devices and their ability to protect incumbent wireless microphones from interference.

As a nationally recognized RF engineer who provides RF coordination for large-scale productions such as the Latin Grammy Awards and for the last 12 Super Bowl games, Mr. Stoffo provided the Commission with a detailed overview of how wireless microphones are coordinated for large-scale venues and events. Mr. Stoffo noted that since wireless microphones have lost access to significant spectrum over the last few years due to the DTV transition, wireless microphones use every available channel during

Boston  
Hartford  
Hong Kong  
London  
Los Angeles  
New York  
Orange County  
San Francisco  
Santa Monica  
Silicon Valley  
Tokyo  
Walnut Creek  
Washington

Bingham McCutchen LLP  
2020 K Street NW  
Washington, DC  
20006-1806

202.373.6000  
202.373.6001  
bingham.com

A/72241851.1

October 5, 2007

Page 2

larger-scale productions. Due to this, Mr. Stoffo stated that the coordination for the hundreds of wireless microphones used at large events begins weeks sometimes months in advance of the performance to ensure an interference-free production that spectators and TV viewers enjoy and expect. He stressed that it would be impossible for wireless microphones in these venues to be coordinated with or otherwise tolerate interference from unlicensed personal portable devices that could potentially be used by hundreds or thousands of spectators in attendance.

The NFL and Mr. Stoffo emphasized that the record in this proceeding makes clear the need for extensive and careful spectrum planning as there is no record evidence that unlicensed portable devices can co-exist with wireless microphones absent such coordination. To the extent the Commission continues to contemplate the introduction of unlicensed devices in the "white spaces," the NFL and Mr. Stoffo urged the Commission to adopt meaningful technical requirements that protect incumbent operators. Specifically, in order to provide adequate protection to incumbent operators, the NFL and Mr. Stoffo asked the Commission to follow the recommendations of IEEE 802.22 including adjacent TV channel protection, IEEE 802.22's full set of Dynamic Frequency Selection ("DFS") parameters, network sensing requirements, among other requirements.

If you have any questions regarding this meeting, please do not hesitate to contact the undersigned.

Very truly yours,

/s/

Catherine Wang  
Nguyen Vu

cc (by email): Aaron Goldberger