



## City of Phoenix

INFORMATION TECHNOLOGY SERVICES

Radio Communication Services  
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February 4, 2010

Federal Communications Commission via electronic filing  
1270 Fairfield Road  
Gettysburg, PA 17325-7245

**RE: WT Docket No. 10-04 Use of Signal Boosters and other Amplification Techniques with Wireless Services**

Dear Reviewers:

The City of Phoenix agrees with the petitions filed by the Jack Daniel Company on 09/25/2008 and Bird Technologies Inc. on 08/18/2005. Many cases have been reported in the Phoenix area of "off the shelf" low-cost broadband signal boosters causing harmful interference to wireless carrier and public safety networks. Many times these signal boosters are installed by untrained persons without the required permission of the licensee.

There can be no argument that rural wireless subscribers often need enhanced coverage to get needed services, however the current situation of allowing un-regulated signal boosters to proliferate without even a minimum of technical specifications on installation and deployment is not the answer. A large portion of the reported signal booster interference cases have occurred in dense urban areas where wireless coverage should have already been adequate. When interference occurs in these urban areas it negatively affects large numbers of public safety users. Also the wide spread illegal use of signal boosters in a mobile configuration has created an environment of "hit and run" interference which puts our Public Safety first responders in jeopardy.

Given the vast amount of time and money being spent to clean up the 800 MHz band through the re-banding process it doesn't make sense to leave this loophole open. The City of Phoenix currently is authorized to operate on spectrum in the 800 MHz NPSPAC and SMR public safety bands and has opted to remain on its SMR channels in the post-re-banding expansion band. Phoenix is concerned about the affect these wideband (15-18 MHz) "NEXTEL" BDA's will have on its network in the post re-banding environment.

Public safety licensees must be allowed to have control of who uses signal boosters in their Spectrum. As a licensee The City of Phoenix must adhere to FCC regulations in the deployment of its network and its distributed antenna systems. Any one wishing to operate signal boosting equipment with-in the same spectrum should be held to these same standards.

Respectfully submitted,

  
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