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# OFFICE OF THE SHERIFF

CONSOLIDATED CITY OF JACKSONVILLE



501 EAST BAY STREET • JACKSONVILLE, FLORIDA 32202-2975

**NATHANIEL GLOVER**  
Sheriff

May 3, 2001

RECEIVED

JUN 14 2001

The Honorable Michael K. Powell  
Chairman  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, DC 20554

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

RE: WT Docket No. 00-32

Dear Mr. Chairman:

I am writing you on behalf of the Jacksonville Sheriff's Office to express our concern about the FCC's intension to auction 50 MHz of spectrum in the 4940-4990 MHz (4.9 GHz) band, rather than allocating this critically needed spectrum to public safety for new broadband public safety applications.

The Jacksonville Sheriff's Office relies on technology to carry out our mission of protecting the lives and property of our 778,879 citizens countywide. Therefore, we are in need of advanced solutions such as those stated below.

Back in 1996, the public safety community identified the need for 97.5 MHz of additional spectrum to meet our communications needs over the next ten years. Of this amount, the greatest amount of spectrum will be for advanced wideband and broadband technologies. To date, the FCC has allocated only 24 MHz of narrow band spectrum to public safety users in the new 746 MHz band. There are new emerging broadband technologies, custom tailored for public safety, appearing on the horizon that will require significantly wider bandwidths.

Solutions such as personal and vehicular area networks can wirelessly integrate a variety of existing and future devices to provide a safer environment of our officers. These include image and video cameras and viewers, mobile data terminals, and all their peripheral devices, palmtops, wireless long range headsets, microphones, earpieces, and voice recognition to allow complete hands free operation. Very large data and image files can be rapidly and wirelessly transferred within Wireless Local Area Networks (WLAN), enabling images/fingerprints of wanted or missing persons, video clips of robberies, maps, and layouts to be downloaded into police vehicle mobile computers as they leave the substation. This same technology will also allow wireless uploads of



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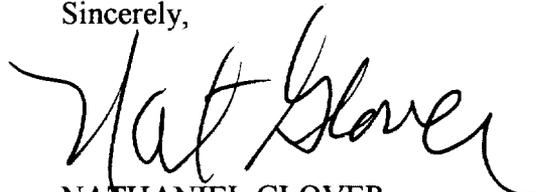
The Honorable Michael K. Powell  
Continued/page 2

videos, images, and reports from the police vehicle to the command center. WLAN technology will also enable command centers to employ full motion video for remote controlled robotics in terrorist and other highly dangerous operations, and monitoring of officers or suspects in officer assistance and high risk situations to allow on scene decision making and assistance based on video transmissions. This technology would allow real time transmission of video and imagery from surveillance helicopters to command centers.

We must have dedicated spectrum and systems that assure the safety of our personnel via immediate priority access, uninterrupted transmissions, security and guaranteed coverage and reliability. The proximity of the unlicensed 5 GHz spectrum to the proposed public safety 4.9 GHz allocation would allow us to leverage commercially developed broadband technologies and yet have the dedicated, reliable, secure and enhanced featured broadband solutions that we require.

The Jacksonville Sheriff's Office urges you and the Commission to recognize our broadband spectrum needs and allocate this much-needed 4.9 GHz band to the public safety community. Obtaining this spectrum is a critical step for public safety agencies such as our to access these new advanced broadband solutions for our mission critical applications.

Sincerely,

A handwritten signature in black ink that reads "Nath Glover". The signature is written in a cursive, flowing style.

NATHANIEL GLOVER  
Sheriff

Cc: Office of the Secretary  
Ms. Magalie Roman Sallas  
445 12<sup>th</sup> Street, S.W.  
Washington, DC 20554