

Dear FCC:

We service several 800mhz. analog radio channels in the Philadelphia area and we do not have any interference from Public Safety or Nextel.

What Nextel and Public Safety are talking about on 800mhz. is the same problem I have been having with Bucks County Emergency Services Radio system (MOTOROLA ASTRO DIGITAL SMARTZONE) and my 500mhz. conventional repeaters since 1999. Nothing was done to solve my problem just that the FCC and the Coordinators came up with, is that the interference is in our receivers. We never had this problem when we only had analog systems. On June 7, 2002 a letter sent by Ms. Jeanne Kowalski, Deputy Chief Public Safety and Private Wireless Division, to the Honorable Congressman James Greenwood' office, and a copy was sent to me. It stated that digital radio systems have greater sideband emissions than analog mode, and the Commission's Rules do not limit digital sideband emissions. She says it is up to the licensees to resolve the problem. In this case it is up to Licom Communications and Bucks County to solve the problem. If this is true then Nextel and Public Safety should solve their problems but this should not include upsetting the whole 800mhz. band for Nextel's benefit. They have to work something out within the frequencies they have been granted. Maybe Public Safety and Nextel should get better, less noisy transmitters and better quality receivers. Also their equipment should be made to be interference free to other digital and analog users. Motorola should develop better quality equipment since they supply both Nextel (partly owned by Motorola) and the Public Safety users in which they are the majority supplier.

In my case Digital users can create problems and the analog user suffers. Why weren't studies ever set up before digital systems came into effect to see what interference problems would develop? It seems we do not have enough engineers in the FCC but to many lawyers. We need Commissioners with technical knowledge.

Also Ms. Kowalski states our county uses less frequencies than before which is spectrum efficient but this is not true. The County has applied for more channels to cover the same area as before because the new digital system does not cover like the old analog system. Also we have to cross band each channel down to low band, high band, and UHF 450 mhz. channels for the Emergency people to hear what is going on in the County. Using Smartzone system and we thought The County could go to 12.5khz. spacing but the radios will not program for this mode. They can only program 25khz. Spacing (wideband), since we are using 9600-baud rate data. This is real spectrum efficiency isn't it???

I feel that I am being discriminated against since you can change the frequency spectrum around for Nextel's benefit but nothing can be done to solve my problem. I feel the Coordinators and the FCC are just puppets for Motorola and Nextel.

Also you should look into Nextel's background and see if they have enough money to pull this off. They were 20 billion dollars in debt. During this Summer 2002; they had a miraculous turn around in which they report income using the accounting system EBDITA. I feel the US Justice Department and the SEC should look into this company before any transactions take place. They just want to look good in front of the FCC so they can receive more spectrum.

If Nextel wants to expand their spectrum then they should open up their iDen

system and Motorola ASTRO Smartnet and Smartzone systems to all Manufacturers. Why should they have proprietary spectrum? I always thought we live in a free society where the airwaves are free but ever since the early 1990's where ever there's a dollar to be made by big corporations the public will loose and companies like Nextel get the spectrum while Motorola is the manufacturer all the equipment. I feel this is a monopoly.

Lastly, According to the ITA Consensus plan this means that some of our users will be forced to deal with Nextel under this plan and if we can not come up with an agreement our license will be cancelled and Nextel ends up with our license anyway? Who is ITA or Nextel to tell us that if we don't move our license would be cancelled? This seems to be strong-arm tactics against the Public Safety and small business users. Tell Nextel to clean up their equipment. They created the problem let them solve it by themselves. Our users are happy where they are and feel they do not have to move.

Sincerely yours,
Ralph Liuzzi

----- End Included Message -----

----- End Included Message -----