

December 17, 2004

BY ELECTRONIC FILING

Michael Wilhelm, Chief
Public Safety and Critical Infrastructure Division
Wireless Telecommunications Bureau
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, D.C. 20554

Re: WT Docket No. 02-55
Ex Parte Presentation

Dear Mr. Wilhelm:

This letter responds to a request for further information from Brian Marengo of your staff. Mr. Marengo requested documentation to support Nextel's statement in its September 28, 2004 *ex parte* submission that 39 of the 40 pending CMRS - public safety interference cases in Denver, Colorado would be covered under Nextel's proposed interim interference standards.

Attached to this letter is an Excel spreadsheet that provides the measured signal levels of the City of Denver's (the "City's") public safety system at 40 specific locations in the city. As this data shows:

- In 37 instances, the City's measured signal level is greater than -85 dBm and would therefore receive full protection from CMRS carriers in the event of interference to portable public safety units under either the Commission's new rules or under Nextel's proposed interim (pre-realignment) standards.
- In 2 instances, the measured signal levels were less than -85 dBm, but were greater than -101 dBm, and therefore would still receive protection under Nextel's proposed interim standards. Under these interim standards, CMRS providers would be required to protect up to four of the City's control channels, just as Nextel is voluntarily doing in the City today until realignment is completed when the full interference protection rules would automatically apply. In addition, CMRS carriers would work to mitigate, to the extent practicable, CMRS - public safety interference on the City's voice channels using current Best Practices interference mitigation measures. Should those measures prove unsuccessful and the City

continues to experience serious system degradation, the City would still have the opportunity to seek assistance from the Commission.

- Finally, in one location, the City's measured signal level is -104 dBm. In that case, under either the Commission's new standards or under Nextel's proposed interim pre-realignment standards, this location fails to attain a sufficient signal level to require interference mitigation measures from CMRS carriers for interference to portable mobile units. As the Commission is well aware, however, the Commission's rules now provide that even under such circumstances, CMRS carriers are encouraged to work with the affected public safety entity to attempt to mitigate interference at the site, even if it fails to meet a specific minimum signal level threshold.

Nextel is confident that the attached signal level measurements are an accurate depiction of the radio-frequency ("RF") environment existing in the City today, as many of these sites were recently re-tested to ensure that Nextel is providing up-to-date information to the Commission.

Should you or your staff have any further questions, please do not hesitate to contact the undersigned.

Pursuant to section 1.1206(b)(2) of the Commission's rules, 47 C.F.R. § 1.1206(b)(2), this letter is being filed electronically for inclusion in the public record of the above-referenced proceeding.

Sincerely,

[/s/ James B. Goldstein](#)

James B. Goldstein
Senior Attorney – Government Affairs
Nextel Communications

cc: Brian Marengo

Measured Signal Levels of Denver Area Public Safety Interference

Denver Police	Nextel Site	Latitude	Longitude	Average PS RSSI (dBm)
District 1				
48th & Elm	CO 249 Faith Lutheran	39.783659	-105.023368	-65
38th & Federal	CO 488, 38th & Federal	39.767596	-105.025533	-73
District 2				
MLK & Monaco	CO 313 East Denver	39.761655	-104.913427	-79
41st & Colorado	CO 393 Colorado & 40th	39.77526	-104.941194	-52
District 3				
Colfax & Yosemite	CO 296 Colfax & Yosemite	39.737751	-104.886254	-72
Leetsdale & Oneida	CO 274 Leetsdale & Monaco	39.700085	-104.909869	-72
Hampden & Tamarac	CO 98 Tamarac Square	39.653466	-104.899348	-76
Dartmouth & Havana	CO 217 Kennedy 0.5 miles east at Dartmouth and Jamaica	39.660988	-104.861632	-104
1st & University	CO 128 Cherry Creek Mall	39.720229	-104.95678	-70
I-25 & Downing St.	CO 124 Gates 0.4 miles away at I-25 & Clarkson	39.694335	-104.97847	-70
University & Evans	CO 101 DU	39.678202	-104.959116	-83
Colorado & Yale	CO 466 University Hills	39.668806	-104.939674	-77
Colorado & Colfax	CO 555 City Park	39.741355	-104.941047	-79
I-225 & Tamarac	CO 138 Morgan Flats (Deconstructed)	39.63644	-104.89393	-97
11th & Elizabeth	CO 81 Cheeseman Park	39.733098	-104.956757	-78
S. Syracuse & E. Quincy	CO 548 I-25 & 225	39.638341	-104.899811	-90
District 4				
Alameda & Federal	CO 350 Rishel	39.711663	-105.025835	-65
3rd & Vallejo	CO 342 West Alameda	39.719652	-105.013688	-72
7th & Bryant	CO 246, I-25 & 6th	39.726618	-105.019208	-75
District 5				
I-70 & Chambers	CO 119 Holiday Inn	39.771524	-104.807364	-79
45th & Peoria	CO 194 City Bank	39.779311	-104.847738	-75
District 6				
14th & Market	CO 61 16th St. Mall	39.748849	-104.999885	-68
19th & Sherman	CO 324 Warick	39.746302	-104.985274	-81
Colfax & Speer	CO 269 Arts District	39.739128	-104.999165	-70
Broadway & Larimer	CO 388 Samaritan House	39.755579	-104.988334	-82
20th & Downing	CO 69 Downing Hospital	39.747721	-104.971217	-72
I-25 & Colfax	CO 83 Auraria	39.740702	-105.016191	-62
Cherry Hills Village				
University & Hampden	CO 199 Denver Seminary	39.653554	-104.961305	-85
Lakewood				
Mississippi & Wadsworth	CO 221 Villa Italia	39.696976	-105.082427	-60
5th & Wadsworth	CO 127 Federal Center	39.724271	-105.079799	-65
Kipling & Jewell	CO 268 Kipling & Jewell	39.684301	-105.119811	-50
Morrison Rd. & Sheridan	CO 317 Weir Gulch	39.696881	-105.052068	-75
Bowles & Kipling	CO 288 Bowles & Kipling	39.60879	-105.109636	-72

Westminster				
92nd & Federal	CO 109 Westminster	39.864674	-105.023824	-85
Arapahoe County				
Iliff from Yosemite to Quebec	CO 235 Syracuse	39.676117	-104.893552	-80
19000-20000 Smoky Hill	CO 118 Gazebo (19491 E. Smoky Hill)	39.616248	-104.761443	-88
Parker Rd. from Mississippi to Florida	CO 106 Iliff	39.687085	-104.885756	-73
Quebec & Peakview	CO 137 Heritage	39.598285	-104.903829	-76
Adams County				
120th & Grant St.	CO 171 Northglenn	39.913587	-104.98396	-78
120th & Colorado	CO 266 Vectra Bank	39.915071	-104.940891	-79

Note: The public safety agency is listed in Blue.

