



CHRIS CHRISTIE
GOVERNOR

KIM GUADAGNO
LT. GOVERNOR

State of New Jersey
Office of Homeland Security and Preparedness
PO Box 091
TRENTON, NJ 08625-0091

CHRIS RODRIGUEZ
DIRECTOR

Matt Delaney
New York State DHSES-OIEC

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Thank you for your email regarding the proposed NYC CW Coverage Test. Our engineering staff has looked at the proposal and offers the below assessment.

The proposed site is located less than eight (8) miles from one of the JerseyNet sites and can be a potential interferer in areas of Jersey City where some outdoor coverage is provided. We estimate that at 195' above ground (even though it will transmit 4dB below a typical eNodeB) your site has the potential of transmitting at or higher than our service threshold of -110dBm in those areas. Without InterCell Interference Coordination between systems, and because our signal levels are very marginal in those areas, this may create some performance degradation for our users.

For a one (1) day test, we estimate such degradation will have minimal effect. We therefore fully support your efforts for the one (1) day demonstration.

However for a longer term demonstration, we would like to be able to meet and discuss some options as we move forward on a coordinated basis.

Some suggestion we would ask is that you take the following steps to minimize any adverse effect on JerseyNet if we are not able to work out an agreement moving forward before we would sign off on a longer term test.

- Provide all system parameters to the State of New Jersey so we can monitor our system and quickly react to any interference that may occur. System parameters provided should include eNodeB transmit power, antenna gain and azimuths, and PCI of each sector.
- Drive test in JerseyNet service area to assess the maximum level of signal your system can transmit in our service area. We will jointly select the drive routes.
- Provision on your EPC an agreed upon number of our Band Class 14 smartphone devices so we can continuously monitor the signal received from your system.

Please let us know your proposed date so we can monitor our network and we look forward to hearing the results of your testing.

Fred Scalera
New Jersey Office of Homeland Security and preparedness
973-353-8284