

NJIT



New Jersey's Science &
Technology University

THE EDGE IN KNOWLEDGE



Updates on Some Efforts Underway

- Central High
- NJIT Campus Gateway Plan



- Eight Responses to RFQ for Planner Developer
- Review Team to recommend interviewees
- Respondent interviews mid late Jan/early Feb
- Selection for Board approval early Feb

- Legislative Task Force to “Consider University Merger”

Nov 9 testimony

http://www.president.rutgers.edu/statement_110906.shtml

http://www.umdny.edu/presweb/president/desk/testimony_110906.htm

<http://www.njit.edu/publicinfo/pdf/testimony-nov-9-posting.pdf>



Updates on Some Efforts Underway

Baseline NJIT Radiofrequency Measurements

- Broadband source measurements 300kHz to 50,000 MHz (proposed antenna operates at 1,900 MHz)
 - Reported as % of Maximum Permissible Exposure (MPE)
 - Max cell phone antenna output 0.14% MPE
- GITC, Library, Campus Center, Fenster Hall, outdoor areas
- GITC
 - Rooftop: 8.5%
 - 5th fl: 0.5% (elevator lobby) to 9.5% (server room)
 - 4th fl: 1.5% (elevator lobby) to 6.0% (4200-4220 corridor)
 - 3rd fl: 5.0% (elevator lobby) to 7.5% (corridor next to 3400)
 - 2nd fl: 4.0% (elevator lobby) to 8.0% (2300 corridor)
 - 1st fl: 3.5% (elevator lobby) to 5.0% (1400 corridor)



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Baseline NJIT Radiofrequency Measurements/ Cell Phone Antenna Implications

- Library up to 11.0%
- Campus Center 2.5%
- Fenster Hall up to 11.0%
- Outdoor areas up to 11.5%
- Conclusions
 - Measurements generally consistent with consultant's experience
 - GTC measurements show no effects from existing antennas on the roof-highest measured level far removed from antennas
 - Street level results “high” because of high density of antennas in area and higher-powered broadcasters
 - T-Mobile antenna emissions \ll most background levels
∴ RF field perturbation from T-Mobile antenna imperceptibly small