



Network Engineering - UPNY  
1275 John Street, Suite 100  
West Henrietta, New York 14586

Oct 07, 2019

Planning Board  
City of Beacon, NY  
1 Municipal Plaza  
Beacon, New York 12508

RE: Electric Blanket Macro – Application of Verizon Wireless - Non-Interference Letter

Ladies and Gentlemen:

With respect to the above application, and in accordance with applicable provisions of the Wireless Telecommunications Facilities Siting Law for the City of Beacon, Verizon Wireless ("Verizon Wireless") operates Wireless Communications Forth Generation (4G) Services, Personal Communication Service (PCS) and/or Cellular Radiotelephone Services network authorized by the Federal Communications Commission (FCC) to provide state of the art digital and/or cellular wireless communications in many parts of the nation, including upstate New York. Verizon Wireless' operations and network are licensed and regulated by the FCC.

Verizon Wireless' radio equipment is designed to transmit frequencies only within the allocated frequency bands and each transmitter is carefully adjusted to comply with FCC regulations for power output and frequency. These procedures prevent interference with other radio services, public safety communications, airport navigation, cordless phones, computers and other community office or residential household appliances.

The incidence of these transmissions causing interference with other radio service is rare. All other radio communication services, including broadcast radio and television, are assigned to specific frequency bands, separate and distinct from cellular and other frequencies. For instance, AM Radio operates between 0.5 -1.5 MHz and VHF Television operates between 54 - 215 MHz. In addition, receivers for other services are similarly designed to prevent interference from out of band service. In the unlikely event that malfunctioning equipment or improper settings are shown to cause interference with an existing service, Verizon Wireless would be required, under the conditions of its FCC license, to take immediate steps to correct any problems.

Thank you for considering this application.

Very truly yours,

*Michael R. Crosby*

Michael R. Crosby  
Radio Frequency (RF) Design Engineer