

MOBIBEX

communications, inc.

MOBile EXcellence

September 23, 2001

Mr. D. Silage Phd
Temple University
Department of Computer & Electrical Engineering
1947 No. 12th Street (084-53)
Philadelphia PA. 19122

Dear Professor Silage,

I am in receipt of your letters of July 9 and September 12, 2001. Our engineering staff have thoroughly reviewed your request for the use of frequencies in the 219-220 MHz band, designated for AMTS as a base receive band, on a secondary basis.

The station coordinates provided in your letter, are both within 10 kilometer of our principal location at Antenna Farm, just outside Philadelphia. In addition to this site Mobex has plans to establish a number of additional fill-in sites in the greater Philadelphia area, within our 17 dB service contour. All of these locations would fall within the signal contours of the proposed Temple University stations. As such, there is every likelihood that significant interference to AMTS operations of Mobex will be encountered.

In addition the proposed Temple University stations would also fall within the 17 dB protection contours of the stations at Perrineville NJ (Trenton), Allentown PA and Winterthur DE., causing further interference to these stations as well.

Your plan to utilize wide-band (100 KHz or more) channelization for digital transmissions, is not compatible with current and future voice and data systems using 12.5 KHz channelization.

For the above reasons we must respectfully refuse permission for Amateur use of the 219-220 Mhz channels in the AMTS band by Temple University in the Philadelphia area.

Kind regards,

Paul vander Heyden
VP Network Engineering
Mobex Network Services

Attachment – Service Contour diagram