1031-46-49 J. Kąkol (kakol@amu.edu.pl), M. López-Pellicer (mlopezpe@mat.upv.es) and A. R. Todd* (Aaron_Todd@Baruch.cuny.edu), Department of Mathematics, Baruch College, CUNY, 17 Lexington Avenue, New York, NY 10010-5585. A topological vector space is Fréchet-Urysohn iff it has bounded tightness.

A topological space X is *Fréchet-Urysohn* if, for each $x \in A^- \subset X$ there is $(x_n)_n \subset A$ convergent to x. We report on two properties for a topological vector space (tvs) equivalent to this intensely studied property. One is bounded tightness, which figures in recent work of several authors: A tvs E is of *bounded tightness* if, for each $x \in A^- \subset X$ there is a bounded set $B \subset A$ with $x \in B^-$. This answers a question of Nyikos for $C_p(X)$. We raise related questions for topological groups. (Received July 30, 2007)