1102-46-62 **Ioana Ghenciu*** (ioana.ghenciu@uwrf.edu), Department of Mathematics, 410 S. Third Street, River Falls, WI 54022. *Properties (V) and (wV) in projective tensor products.*

We give sufficient conditions for a subset of $K(X, Y^*) = L(X, Y^*)$ to be relatively weakly compact. A Banach space X has property (V) (resp. (wV)) if every V-subset of X^* is relatively weakly compact (resp. weakly precompact).

We prove that the projective tensor product $X \otimes_\pi Y$ has property (V) (resp. (wV)), when X has property (V) (resp. (wV)), Y has property (V), and $W(X, Y^*) = K(X, Y^*)$. (Received July 14, 2014)