1099-43-266   **O Beznosova**, Baylor University, Department of Mathematics, One Bear Place #97328, Waco, TX 76798-7328, **J C Moraes***, Universidade Federal do Rio Grande do Sul, Instituto de Matemática, Av. Bento Gonçalves 9500 Prédio 43111, Porto Alegre, 91509-900, Brazil, and **M C Pereyra**, University of New Mexico, Department of Mathematics and Statistics, 1 University of New Mexico, Albuquerque, NM 87131-0001. *Sharp bounds for t-Haar multipliers on L^2.*

We show that if a weight $w \in C_{2t}^d$ and there is $q > 1$ such that $w^{2t} \in A_q^d$, then the L^2-norm of the t-Haar multiplier of complexity (m, n) associated to w depends on the square root of the C_{2t}^d-characteristic of w times the square root A_q^d-characteristic of w^{2t} times a constant that depends polynomially on the complexity. In particular, if $w \in C_{2t}^d \cap A_\infty^d$ then $w^{2t} \in A_q^d$ for some $q > 1$. (Received February 10, 2014)