1154-55-1888　　　　**Meng Guo*** (`mguo1@perimeterinstitute.ca`), 31 Caroline St. N, Waterloo, ON N2L2Y5, and **Michael J Hopkins**. *Twisted tangential* Pin^+*-bordism.*

We compute the bordism group of a Pin^+ manifold with a w_1-twisted integer lift of tangential w_4 for dimension ≤ 14. It is homotopy orbit of $\mathrm{MSpin} \wedge K(\mathbb{Z}, 4)_+$ by a $\mathbb{Z}/2$-action. We find its manifold generators up to dimension 14 and compute the group action. We apply homotopy orbit special sequence for computations. (Received September 16, 2019)