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**Florian Breuer\*** (florian.breuer@newcastle.edu.au), **Pete L Clark**, **Paul Pollack** and **Andry N Rabenantoandro**. *Torsion bounds for CM Drinfeld modules.*

Let  $A$  be the ring of rational functions regular away from a fixed closed point on a smooth projective geometrically integral curve over a finite field, and let  $F$  be its field of fractions. We prove that the number of  $L$ -rational torsion points on a rank  $r$  Drinfeld  $A$ -module with complex multiplication is bounded by  $C_{A,r}d \log \log d$ , where  $d = [L : F]$  and the constant  $C_{A,r}$  depends only on  $A$  and  $r$ , in two cases. Firstly in the case where the endomorphism ring is a maximal order, and secondly in the case where  $r = 2$ . (Received September 10, 2020)