# GaAs



**0**

**1**
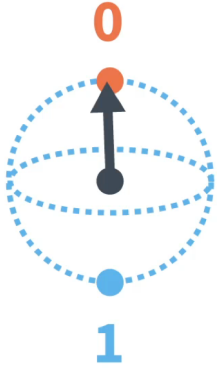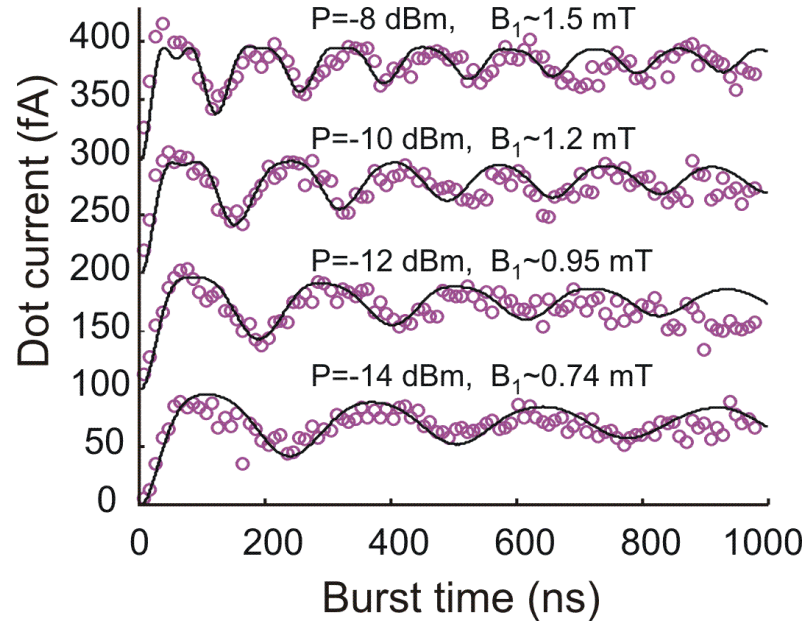
$H_{RF} \sim \Sigma A_i(t) \cos(\omega_i t) \sigma_{xi}$

F.H. Koppens, C. Buizert, K.J. Tielrooij, I.T. Vink, K.C. Nowack, T. Meunier, L.P. Kouwenhoven, L.M.K. Vandersypen. "Driven coherent oscillations of a single electron spin in a quantum dot." Nature 17, 766-771 (2006).