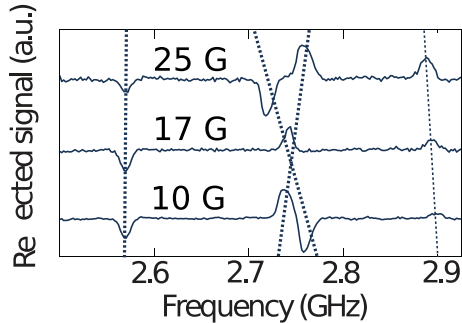


(i)



(ii)

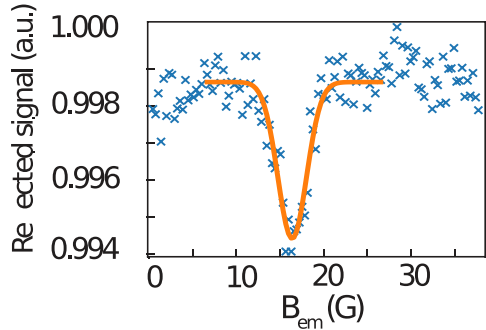


FIGURE 1 – i) ESR spectra while scanning B_{em} with some bias field applied. ii) Angular position of the diamond while scanning B_{em} without a microwave. The rotation of the diamond at 17 G corresponds to the resonance between two classes of NV