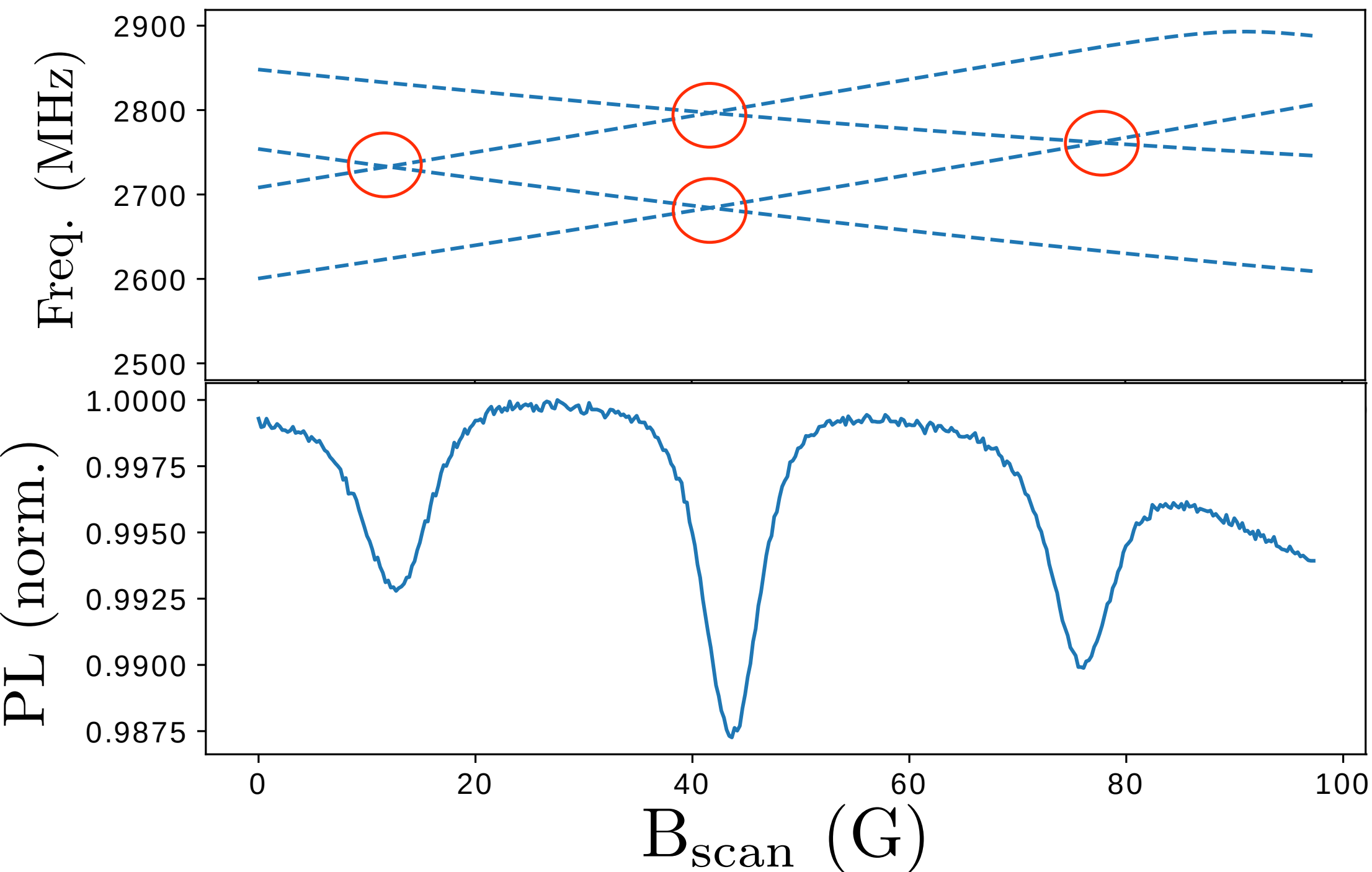
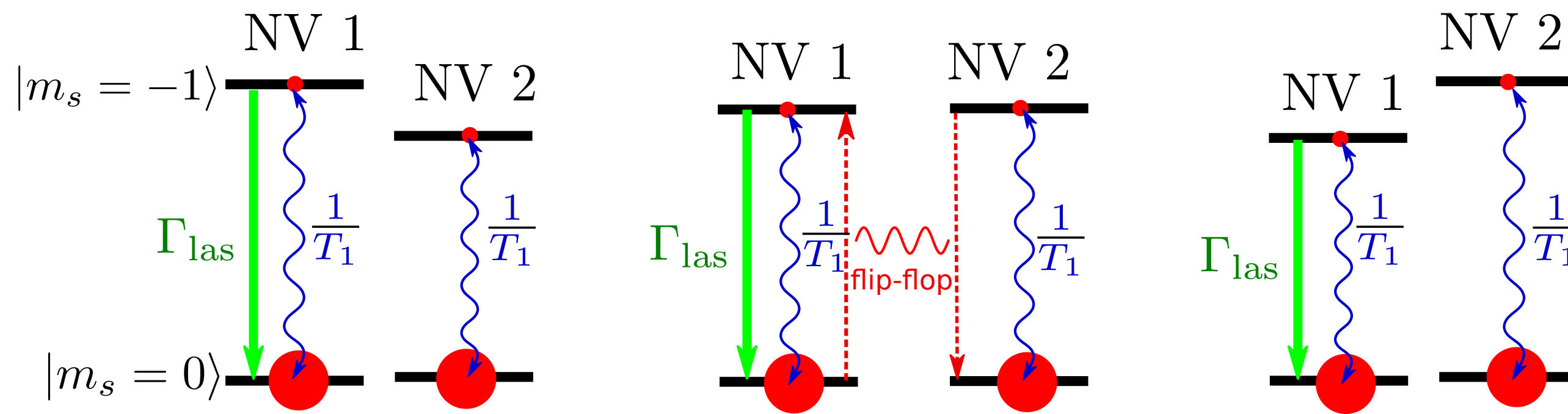
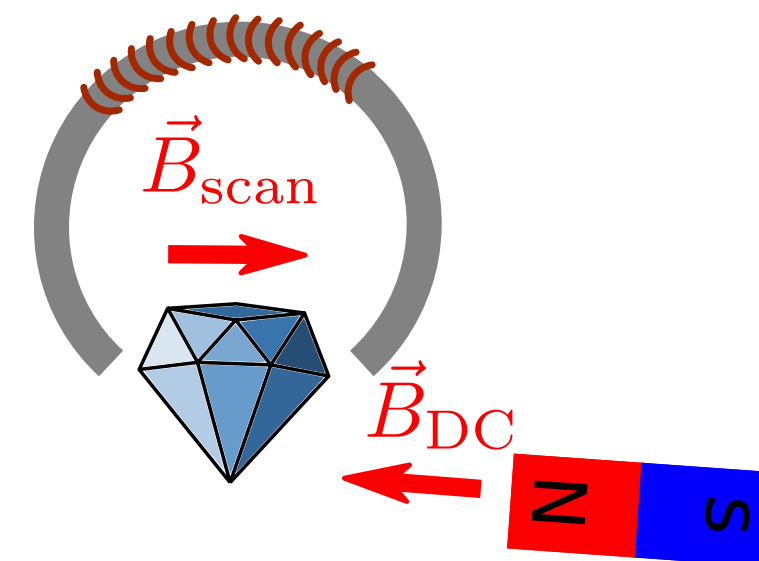
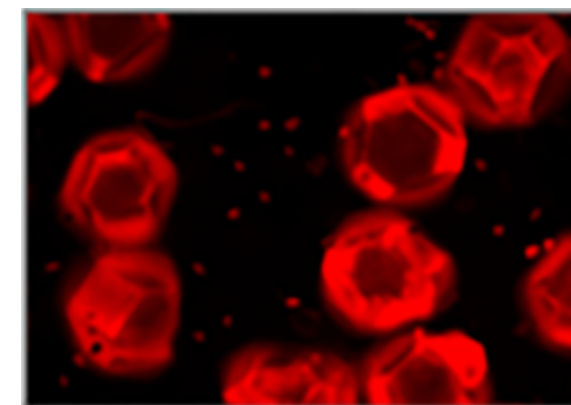


$|0\rangle \rightarrow |-1\rangle$ frequency transition
for all four classes of NV



samples : Adamas 15/150 μm
fluorescent microdiamond
[N] = 100~200 PPM
[NV] \sim 3 PPM



No cross-relaxation
for equally polarized
spins