

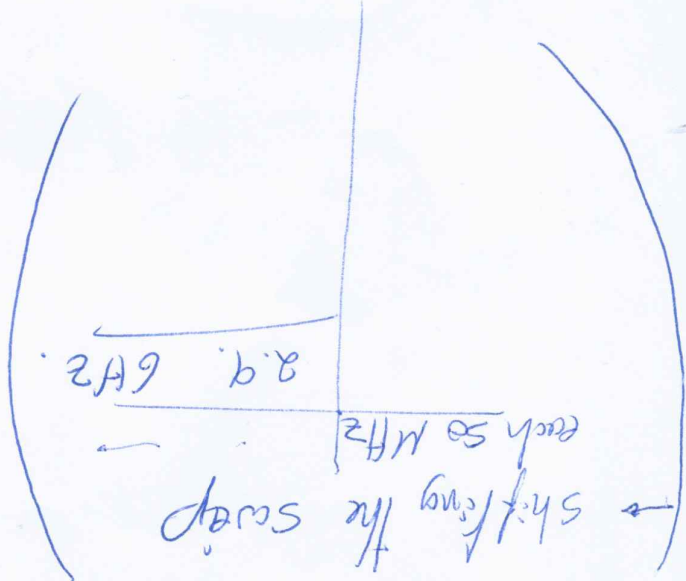
CDMR Measurements

Hyperf frequency 4 Hz

$f_{center} = 2.85 \text{ GHz}$
 $\Delta f = 200 \text{ MHz}$
 $T_s = 200 \text{ ms}$

→ new demand, new calibration (apd-calibration-new.csv)

003: CDMR without B with cage



004: CDMR without B-field

with cage

$f_{center} = 2.8 \text{ GHz}$
 $f_{center} = 2.9 \text{ GHz}$

005: CDMR

006: CDMR	B at 1N	-	-	-	$f_{center} = 2.9 \text{ GHz}$
007: CDMR	B at 1N	-	-	-	$f_{center} = 2.85 \text{ GHz}$
008: CDMR	B at 2N	-	-	-	$f_{center} = 2.85 \text{ GHz}$
009: CDMR	B at 2S	-	-	-	
010: CDMR	B at 2N	-	-	-	
011: CDMR	B at 2S	-	-	-	
012: CDMR	B at 1+3	-	-	-	
→ apd-calibration-2					
013: CDMR	B at 1+4	-	-	-	
014: CDMR	B at 1+3	-	-	-	
015: CDMR	B at 2Z	-	-	-	

$B_2 = 187 \text{ mT}$

→ nothing visible, lost the focus