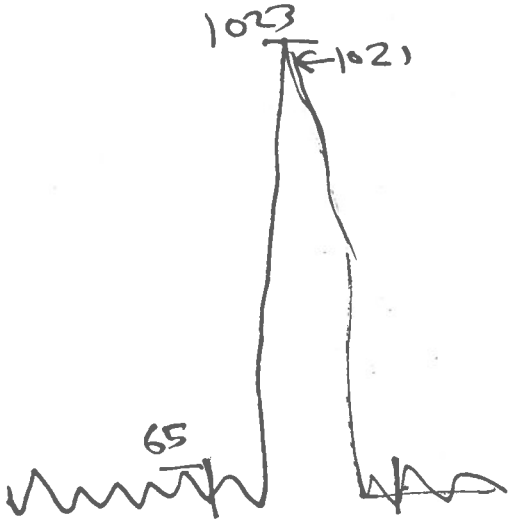
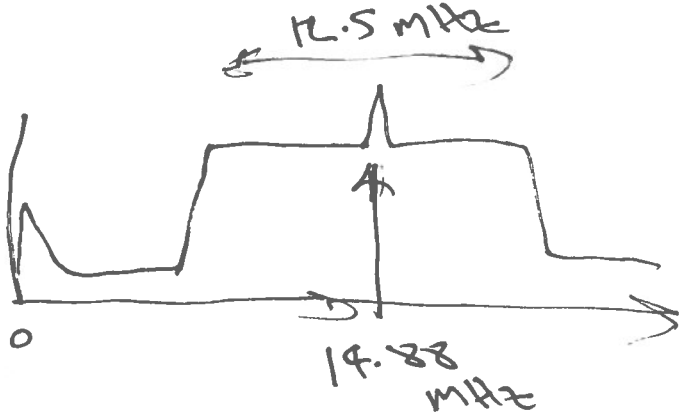
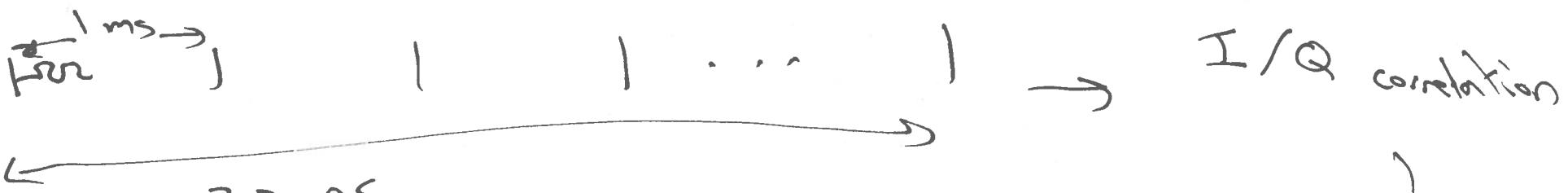
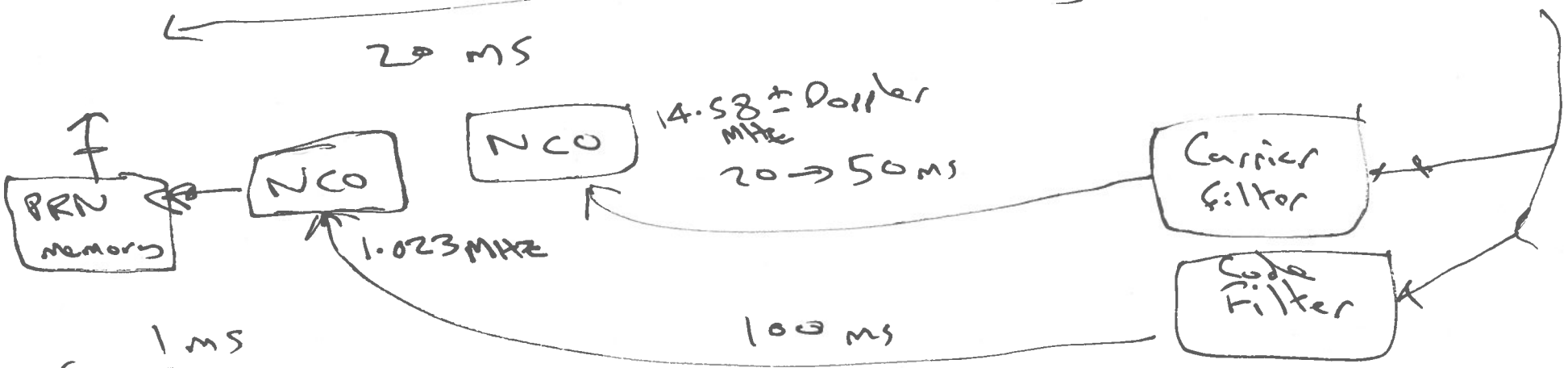


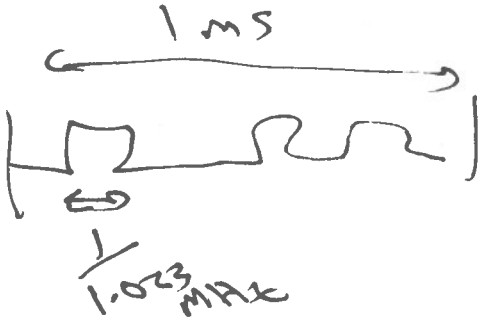
$$10 \times \log 10 \left(\frac{1023}{1021}\right)$$

$$\left(\frac{20}{19}\right)$$

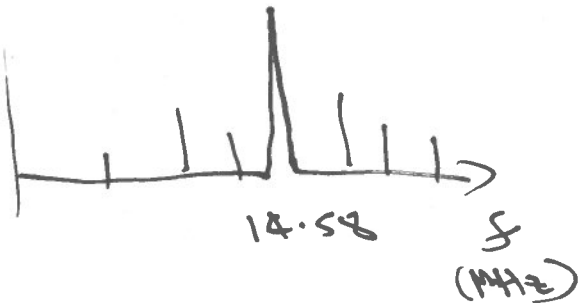








99.375 MHz



SRM12P5MHz

Acquisition Results ↓

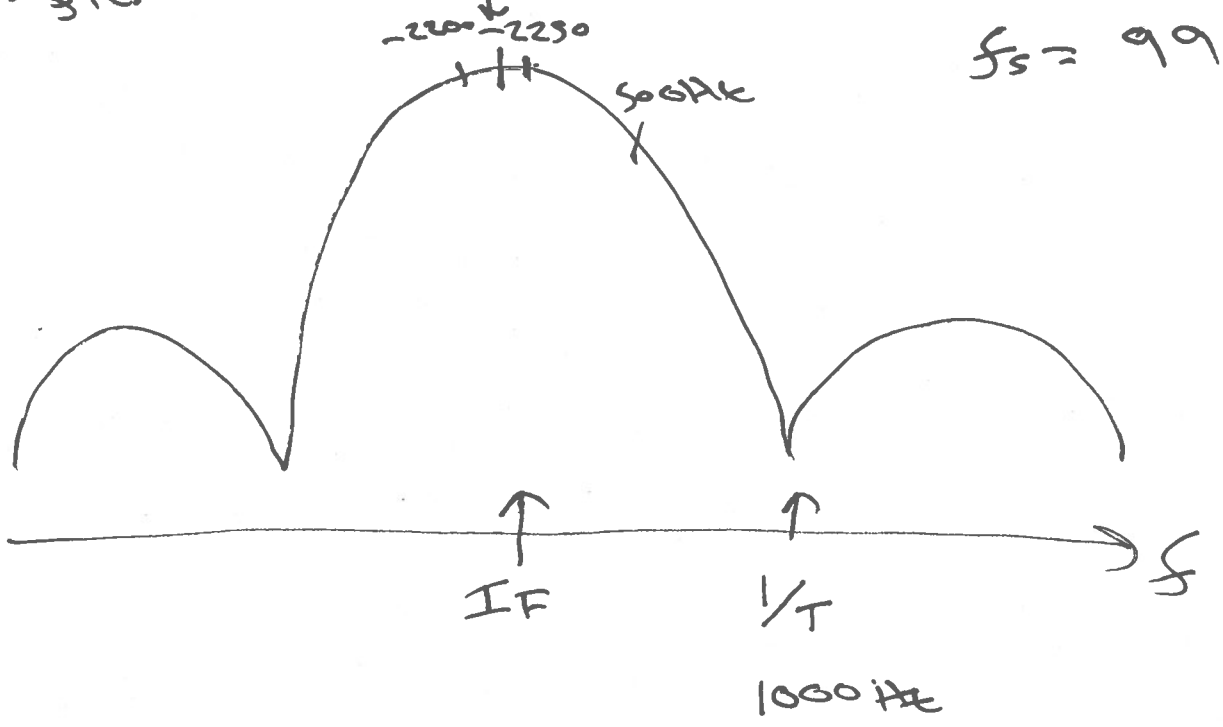
IF ± Doppler freq → -2250 Hz

Code offset (samples) = 17768

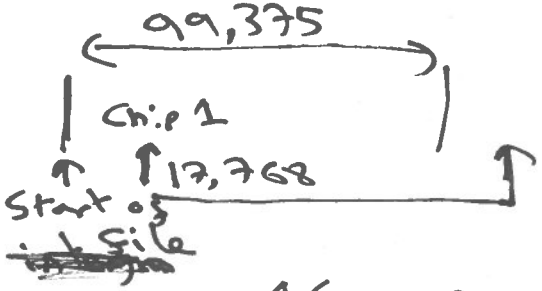
Acq ↓ Track

NCO freq = 14.58 MHz ± 2250 Hz + 25 Hz

After correlation



f_s = 99.375 MHz samples per ms = 99,375



46,000 chop off 17,000 sample

768

Samples per chip = $\frac{99,375}{1023}$ ≈ 97 samples

Code search freq = 1.023 MHz + 0.5 chip/ms = + 500 Hz