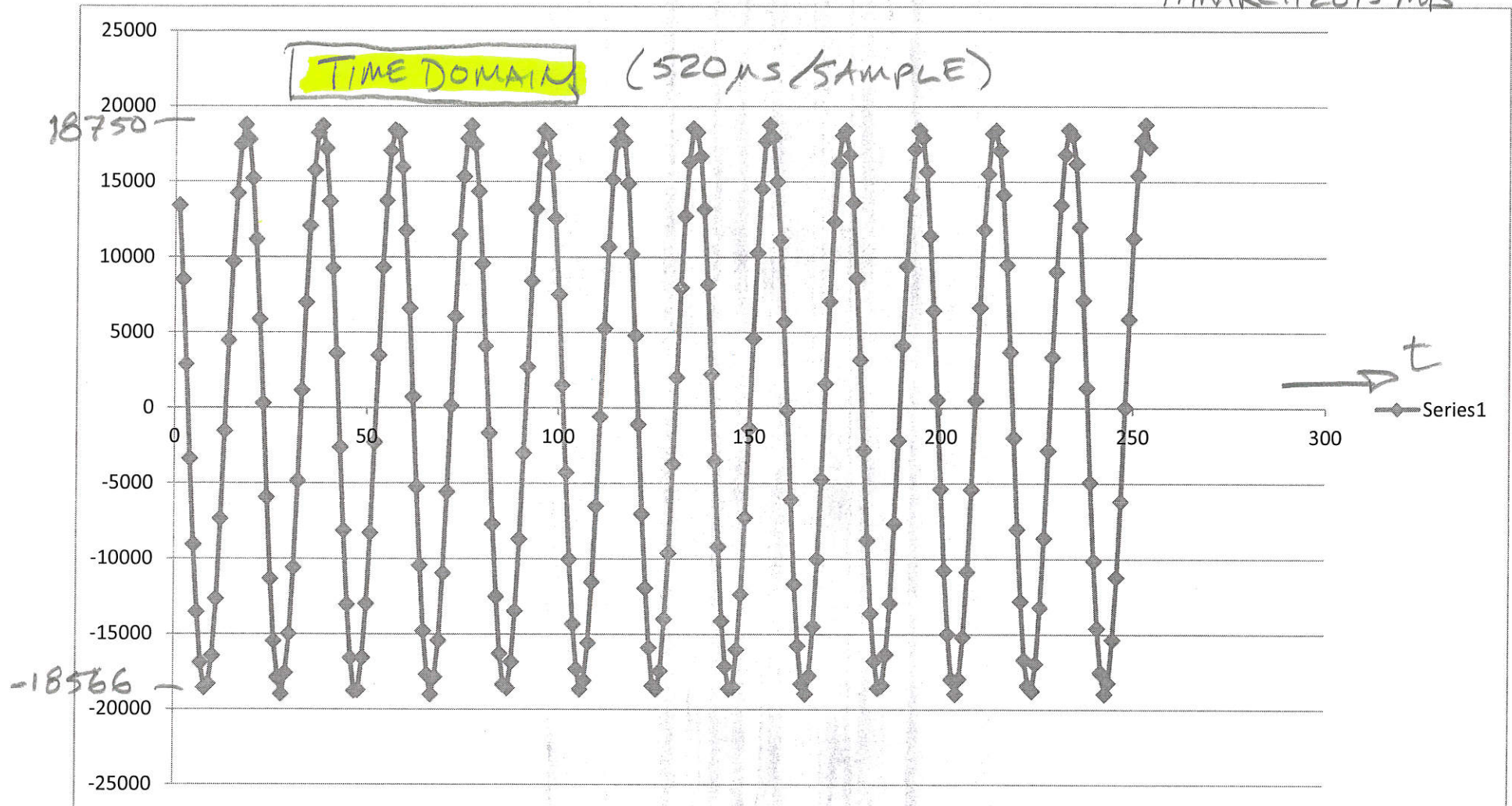
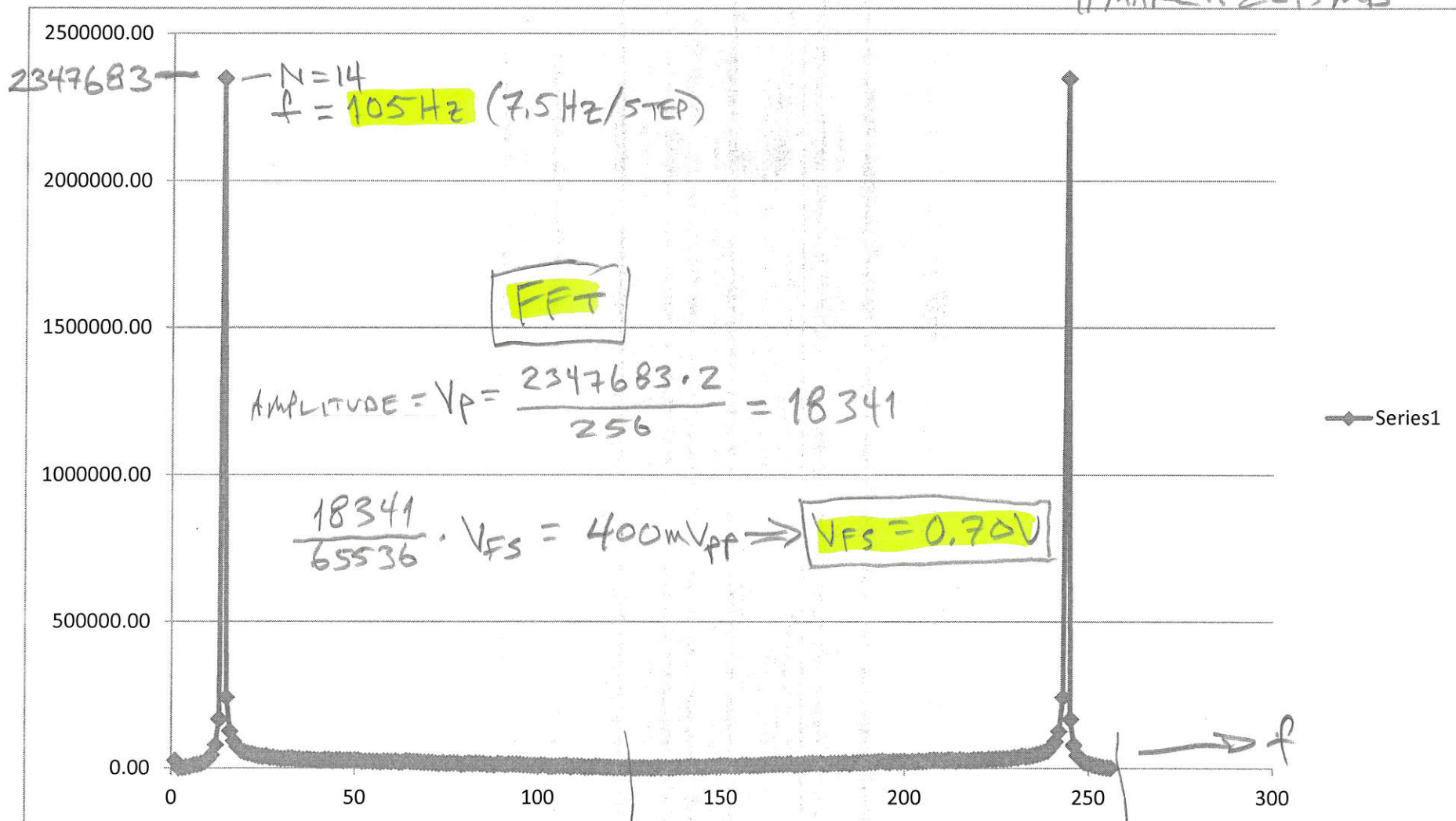


11 MARCH 2015 MB



$$V_{PP} = \frac{18750 + 18566}{65536} \cdot V_{FS} = 0.576 V_{FS} \Rightarrow V_{FS} = \frac{400mV_{PP}}{0.576} = \boxed{0.70V}$$

11 MARCH 2015 MB



128  
 $f_N = 962\text{ Hz}$

256  
 $f_s = 1923\text{ Hz}$