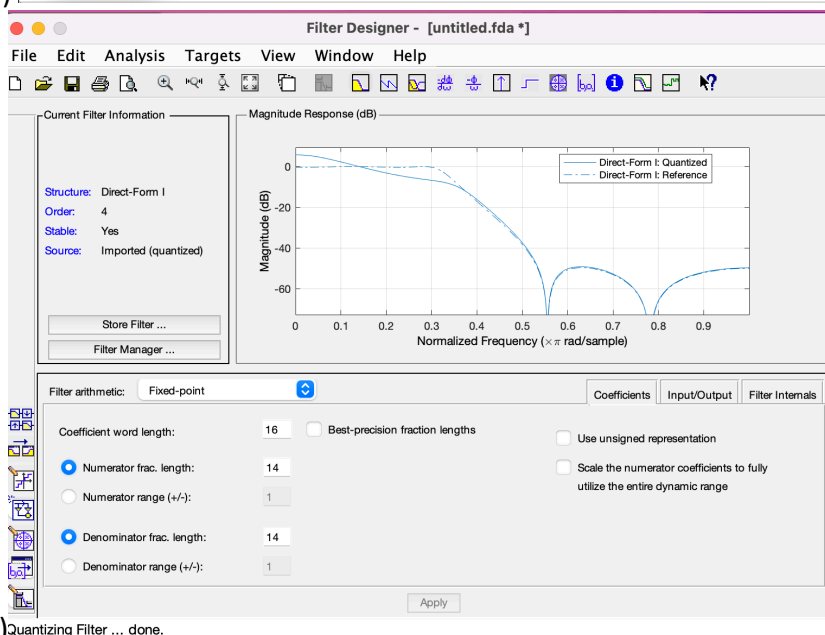
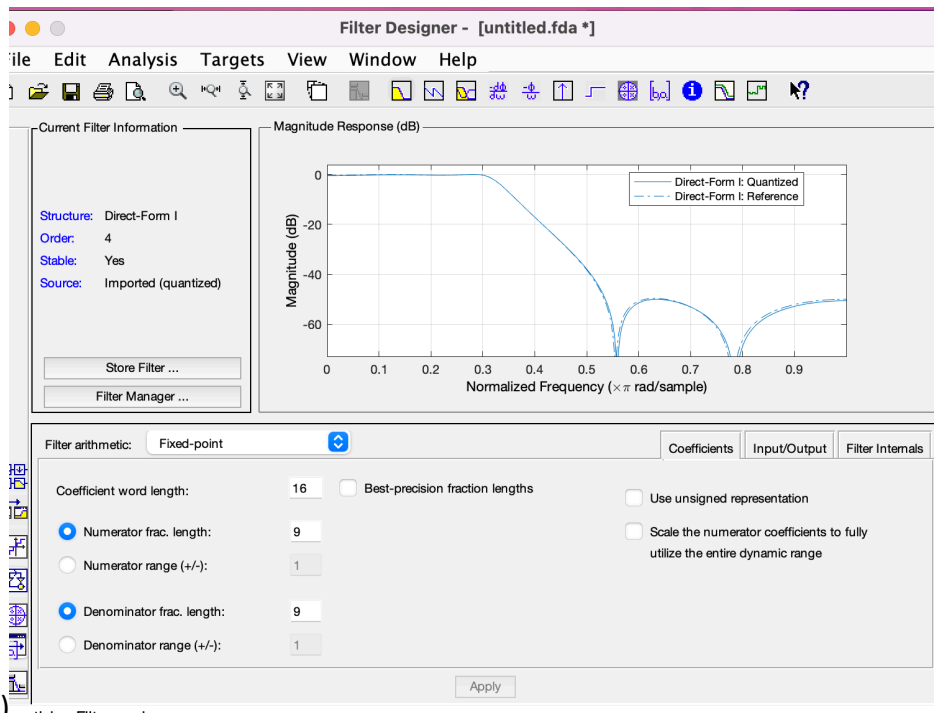


4b) Ready



4c) Quantizing Filter ... done.



4d) Quantizing Filter done

4e) The figure in 4b doesn't match 4a. I think this is because the matlab function doesn't default to Direct Form 1. Comparing 4c to 4b you can see that the curve diverges. I think this is because it only has 2 binary digits for the integer values. When you use 9 bits as fraction in 4d there are more bits for the integer part. I experimented a little with increasing the integer bits with 14 decimal bits and it matched the curve much better.