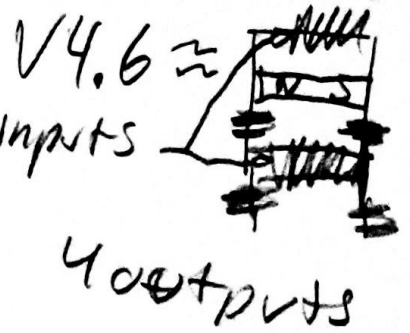


Oroboros $V4 \Rightarrow V5$

* After doing individual frequency response analysis on different orientations of output to input coils we see the non-linear control problem mentioned by Lt. Bearden's group & their MEG design. We see over unity gain across individual outputs in $V4$ s but it is not additive! (i.e. the over 100% gain occurs @ different frequencies for different coils.



* Moving to $V5 \Rightarrow$ trying to simplify the design \rightarrow make the driver coil & isolate \vec{B} centered; hypothesized - to help us eliminate the additive or subtractive nature of getting over unity resonance on our output coils.
 $V5$ testing begins!



02/01/2024
Dan
Page 16