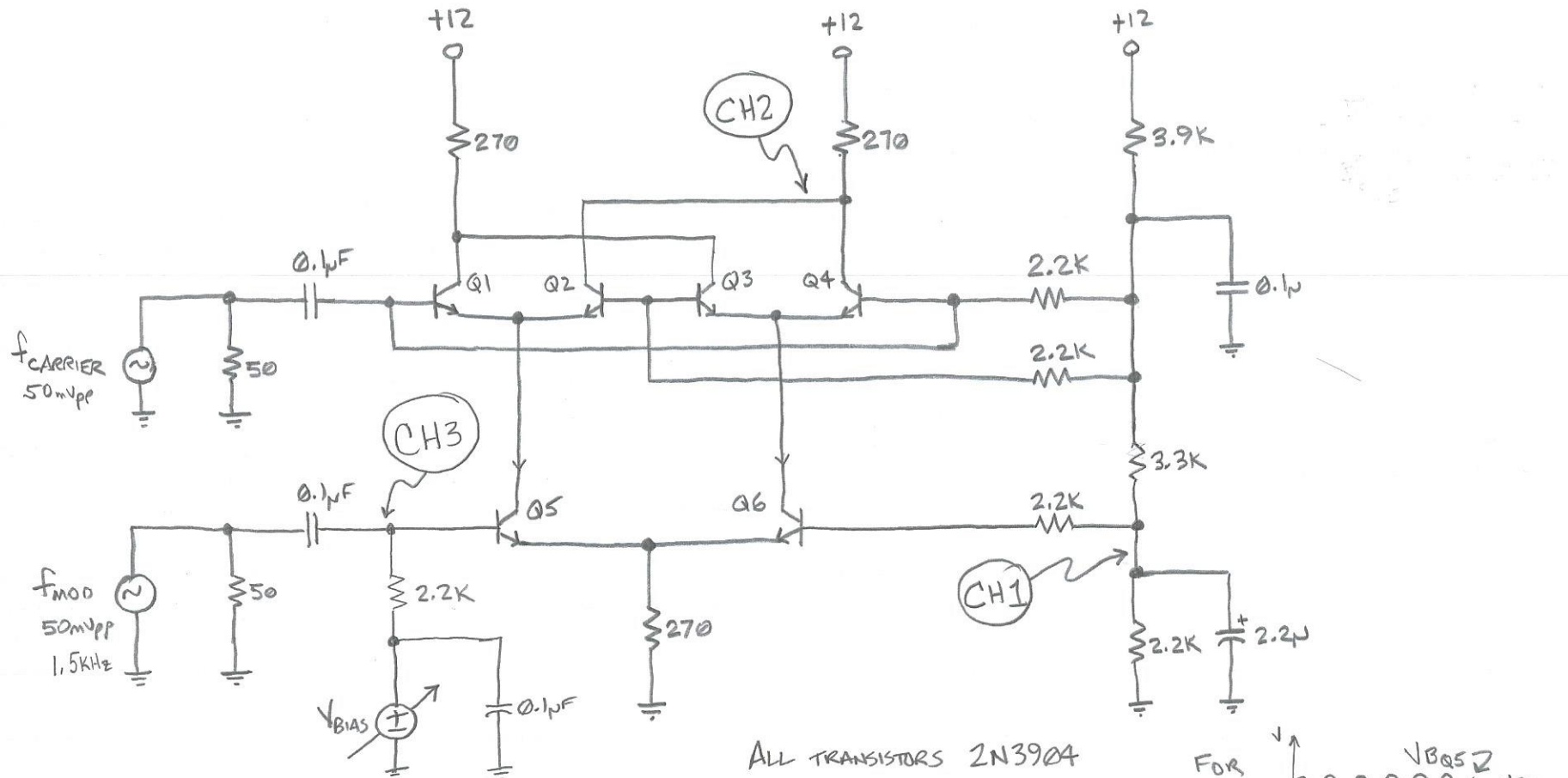
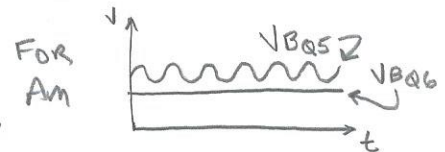


AM & DSB-SC MODULATION WITH THE GILBERT CELL

W2AEW



FOR AM OPERATION: $V_B(Q5)$ ALWAYS $>$ $V_B(Q6)$ OR VICE VERSA



FOR DSB-SC OPERATION: $V_B(Q5)_{MAX} - V_B(Q6) = V_B(Q6) - V_B(Q5)_{MIN}$ FOR DSB-SC

