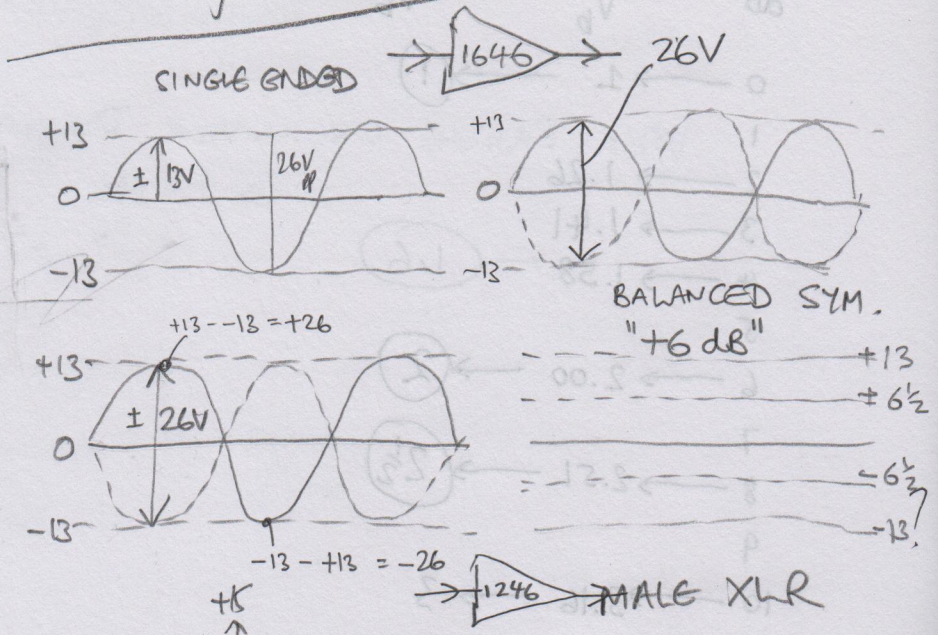


Fascinating Aida

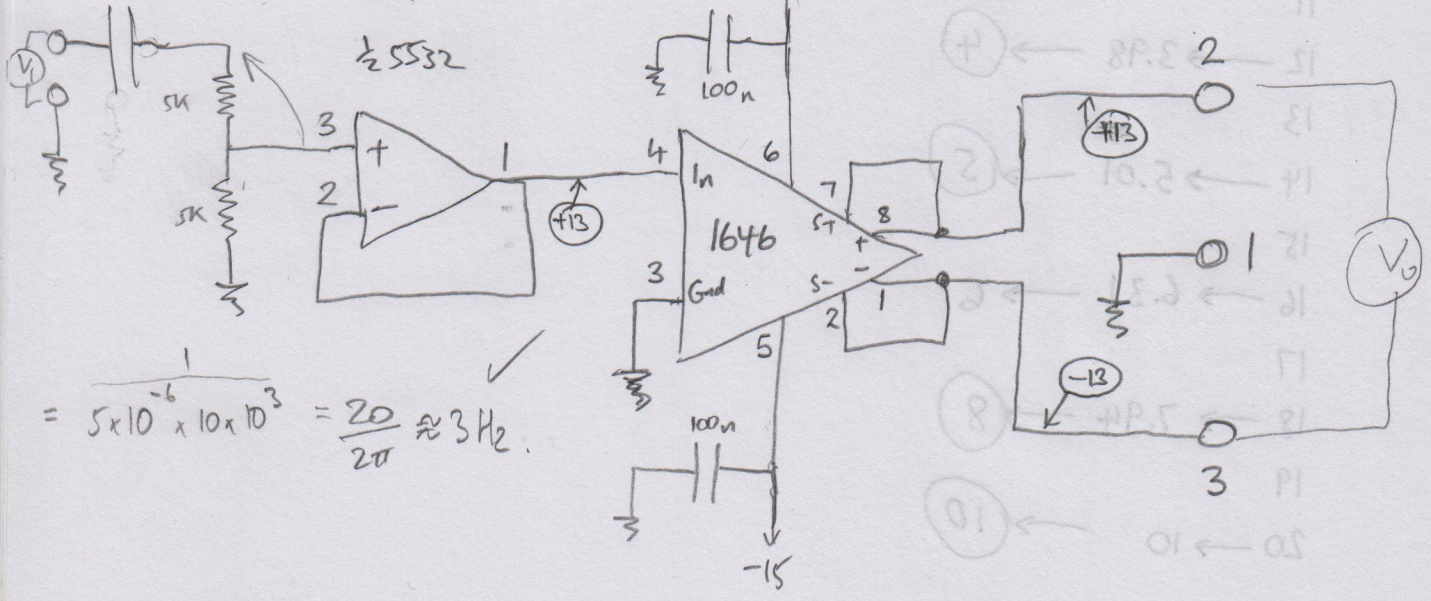
$20 \log_{10} \left(\frac{V_{pp}}{2.83} \right)$
 $\frac{26V}{0.775}$
 $\approx 21.478 \text{ dBu}$

11.855

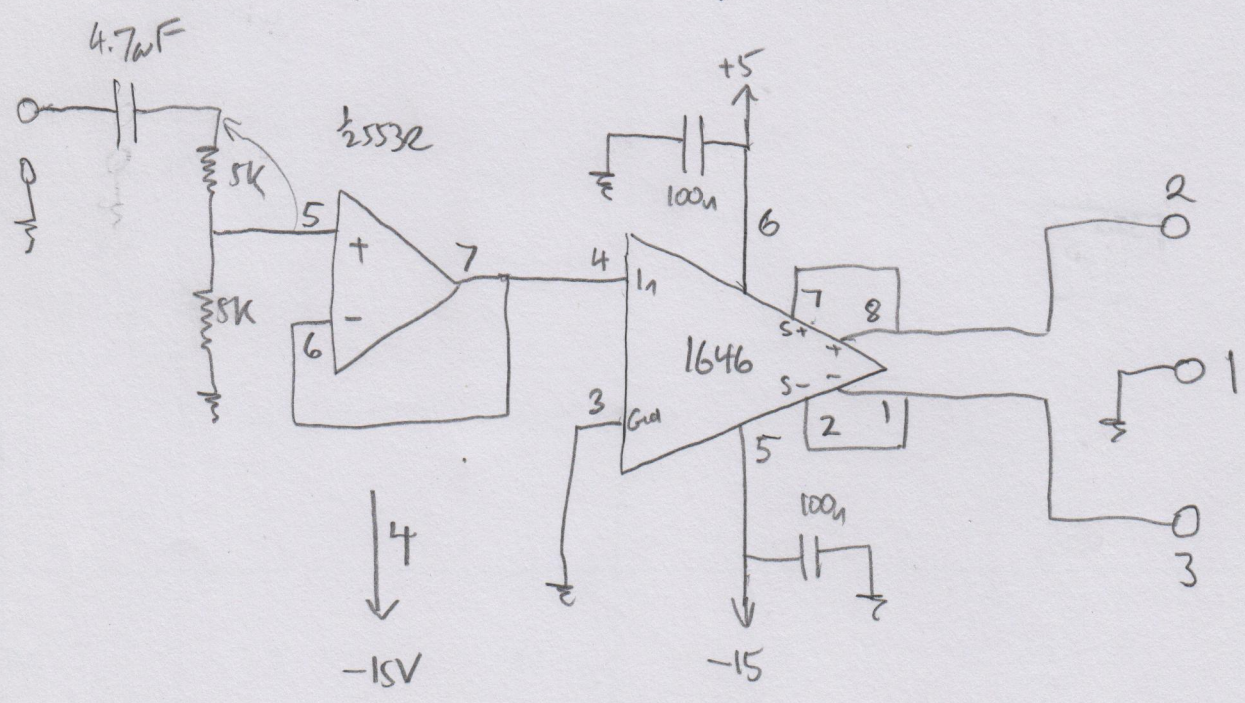


$\omega = \frac{1}{CR}$
 $4.7 \mu F$

\uparrow +5V
 8



$= \frac{1}{5 \times 10^{-6} \times 10 \times 10^3} = \frac{20}{2\pi} \approx 3 \text{ Hz}$



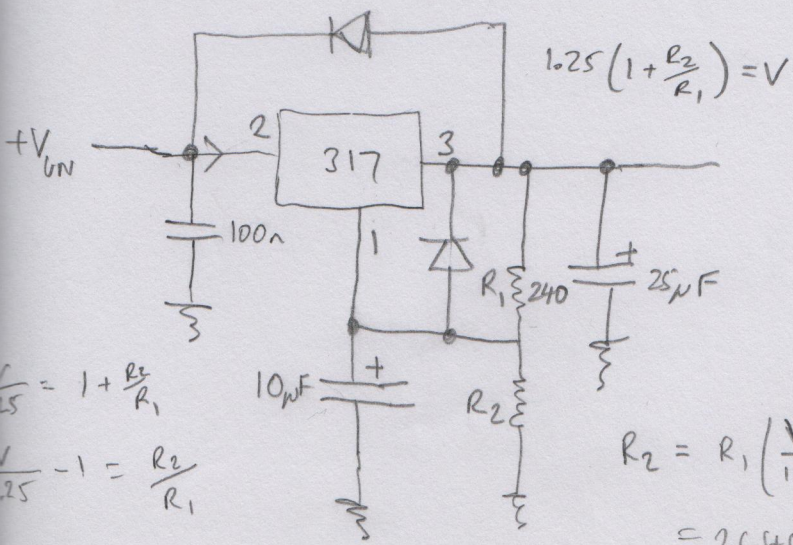
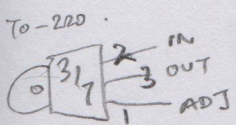
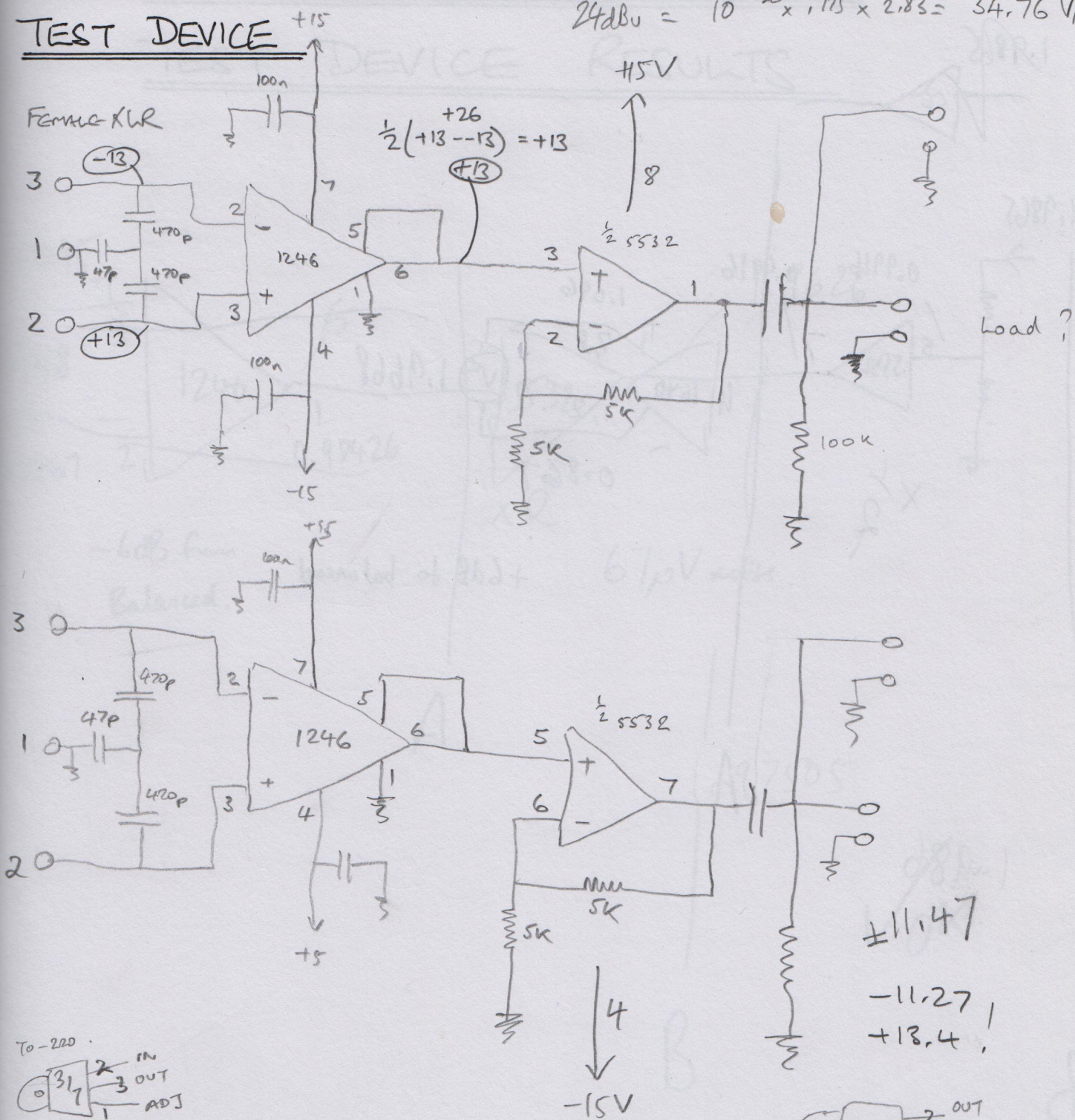
From D.S., Output swing of 124x is $\approx 21.1 \text{ dBu}$

BALANCED \longleftrightarrow UNBALANCED

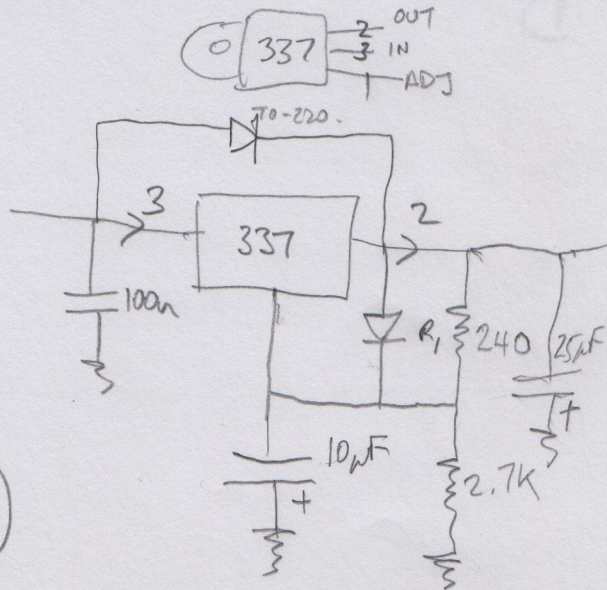
$$10^{\frac{21.1}{20}} \times 0.775 \times 2.83 = 24.89 \text{ V}_{pp} \approx 12.45 \text{ V} \pm$$

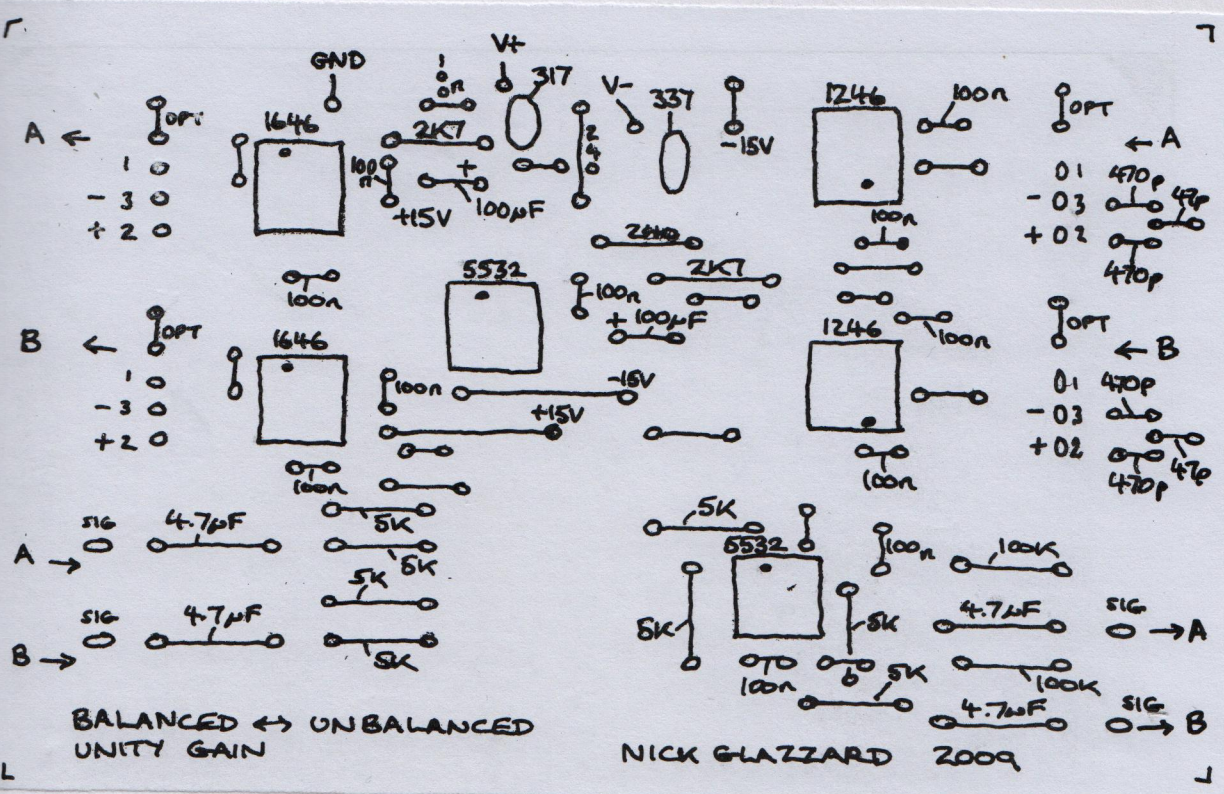
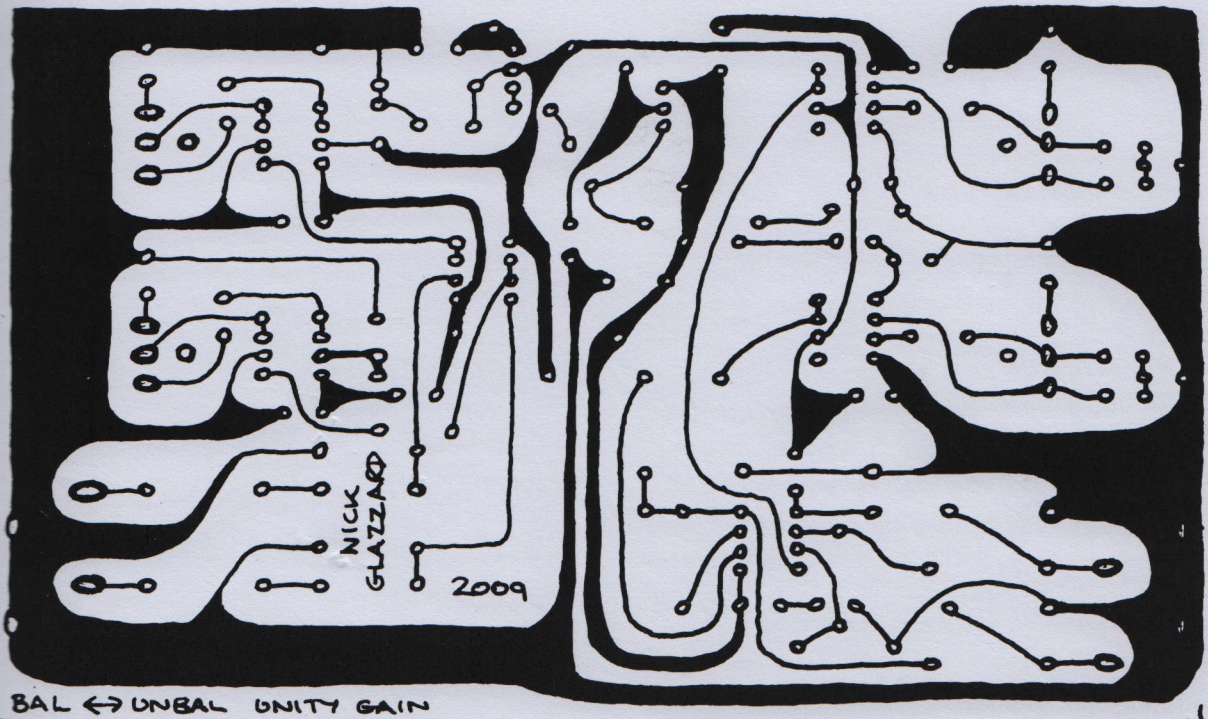
$$24 \text{ dBu} = 10^{\frac{24}{20}} \times 0.775 \times 2.83 = 34.76 \text{ V}_{pp}$$

TEST DEVICE



$$R_2 = R_1 \left(\frac{V}{1.25} - 1 \right) = 2640 \Omega \approx 2.7 \text{ K}$$





BALANCED ↔ UNBALANCED
TEST DEVICE P.C.B.

Hand drawn. There is at least 1 error here!