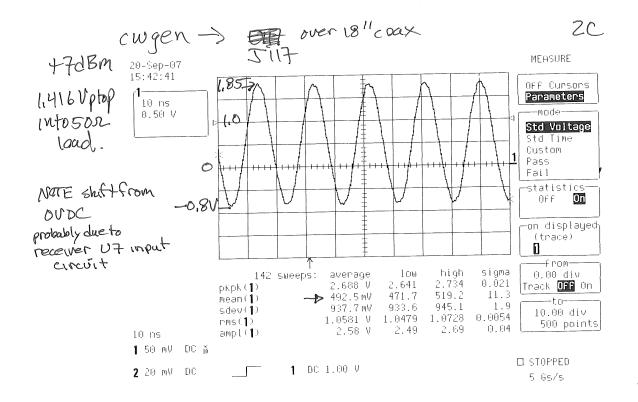
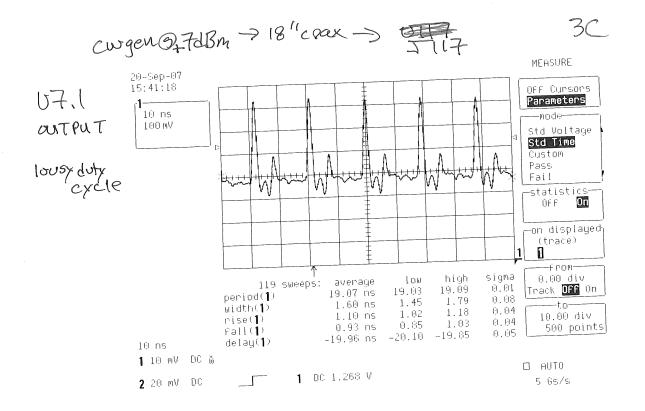
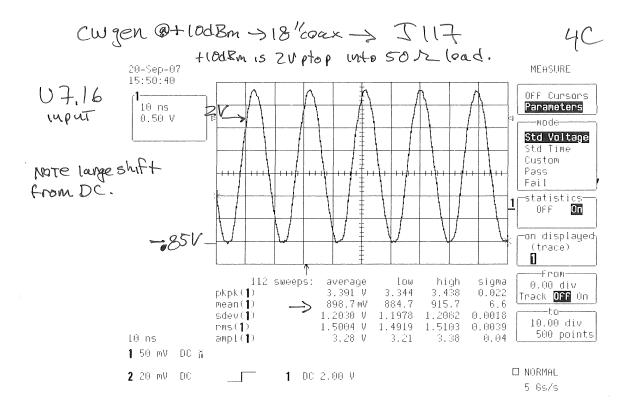


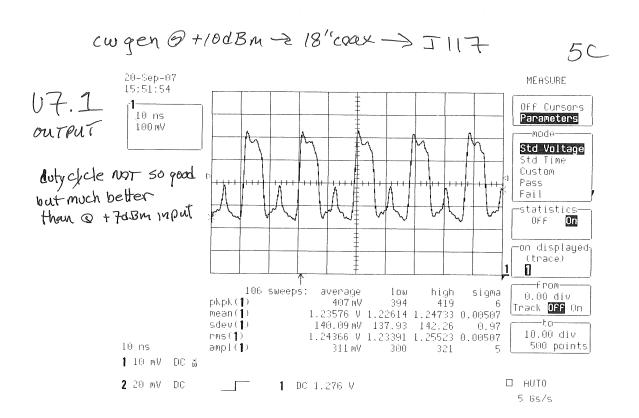
MAX9310A = U7 min input voltage is -0. If this probably turns on diode in protection circuit and if drive too hard one can blow out that diode. Here is the output - Management of the contraction

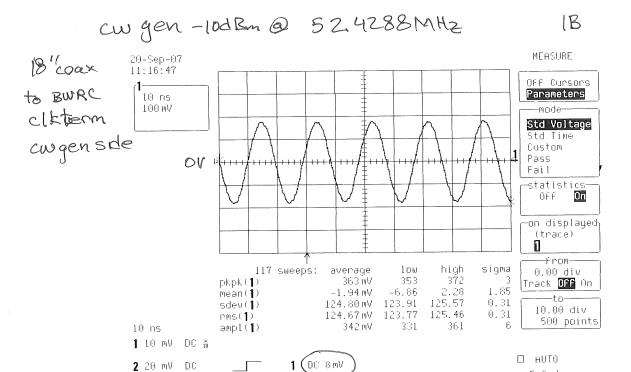
U7 outputs don't toggle until



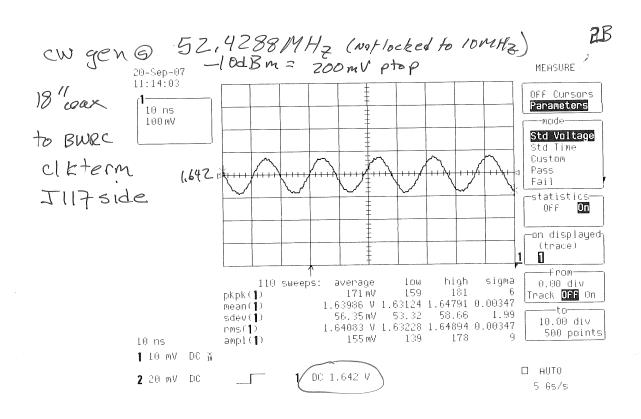


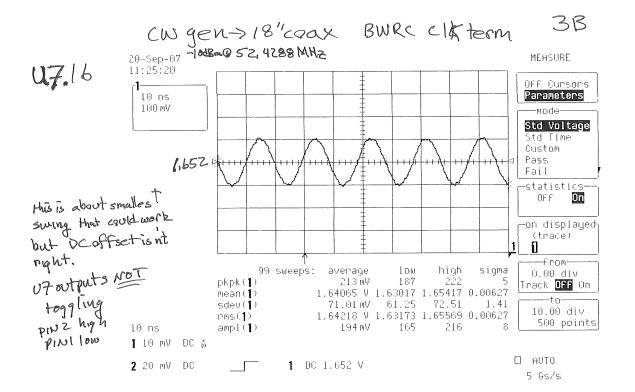






5 Gs/s





lookat outputs while ever increasing

the input power

6 +9dBm outputs avoid occassionaly toggle

6 +10dBm Vptop (Heory) = Zvptop

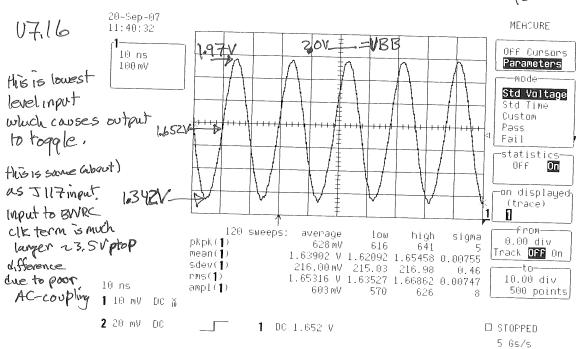
outputs toggle repeatedly (regularly) but

outputs toggle repeatedly (regularly) but

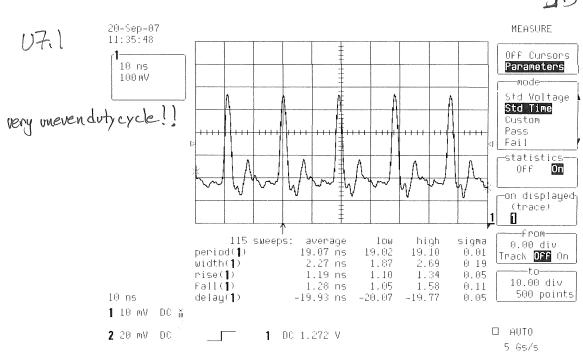
waveform is not good duty cycle

due to wrong DC shift

CW gen +10dBm > 18 'coex BWRC clktern 4B



5B





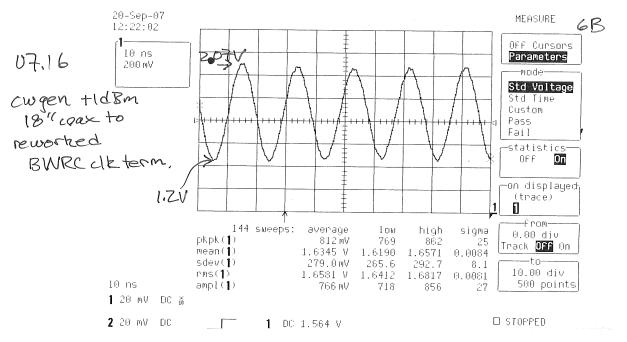
Rework BWRC clktern board:

Add 2.74 1206 decoupling cap in parallel. 16V rated part to whatever was there already.

XXMF 0805 1 think. I don't know XXMF.

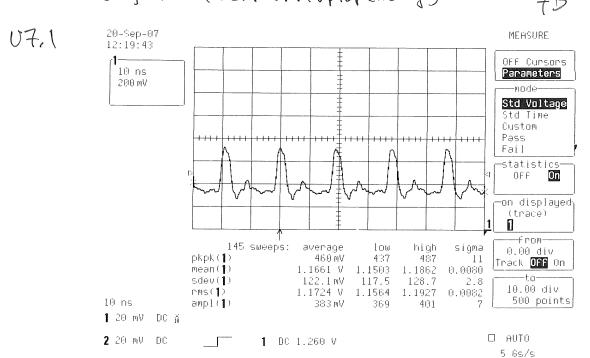
Now much more signal gets thru to J117.

Now see what lowest level input is required to get valid output if not valid then at least toggling. odBm input was a little flakely. So go with tldBm.

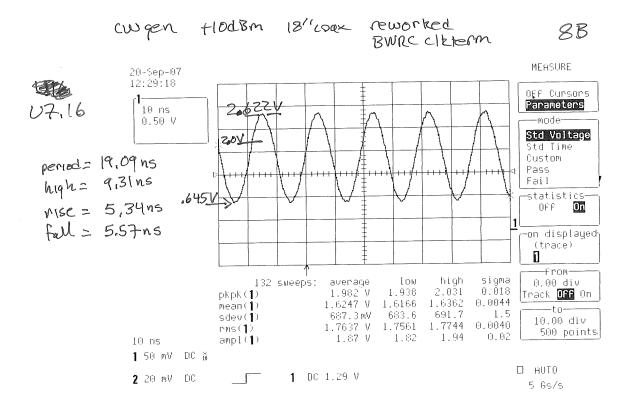


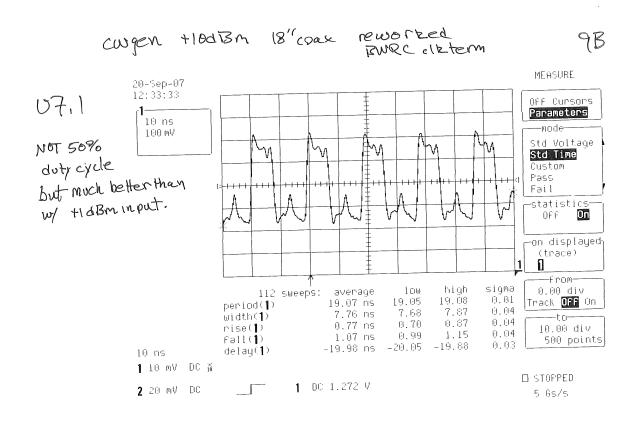
cwgen + (dBm = ,7 (Vptop (Heory)

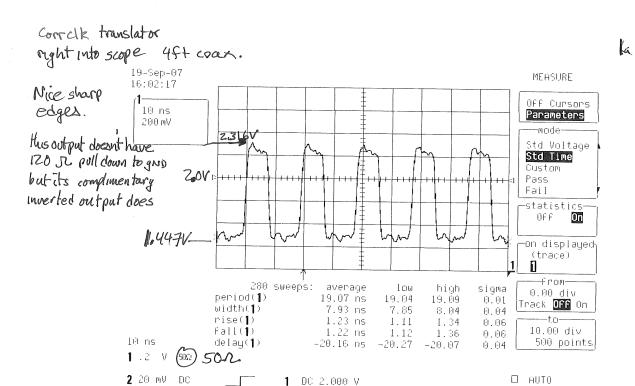
73



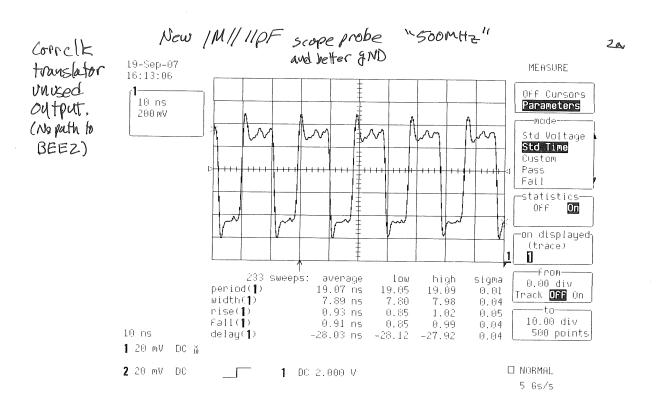
2007SEP 20 Now look to see what input level gets a better duty cycle... (at U7, xxx outputs)

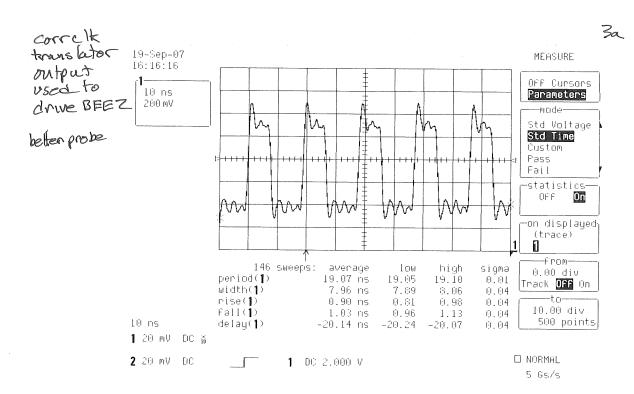


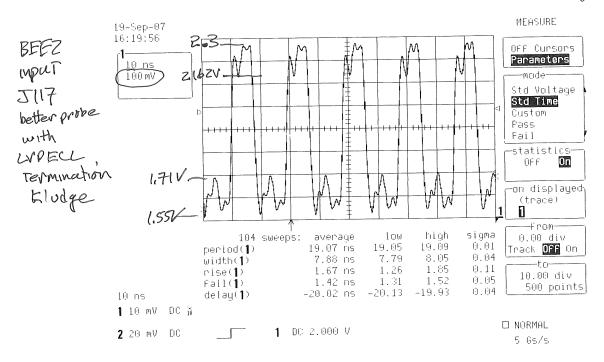


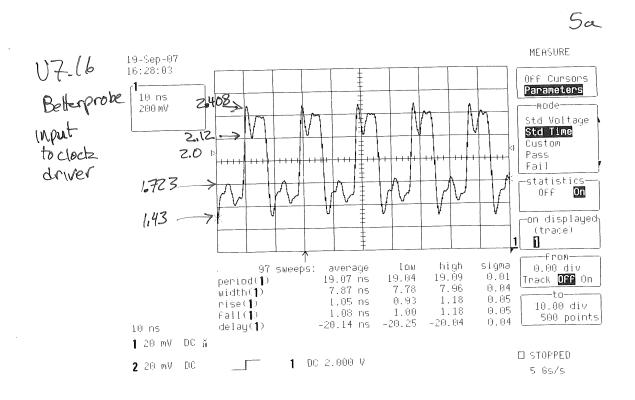


5 6s/s











Ut. 1 befrobe LVDS

