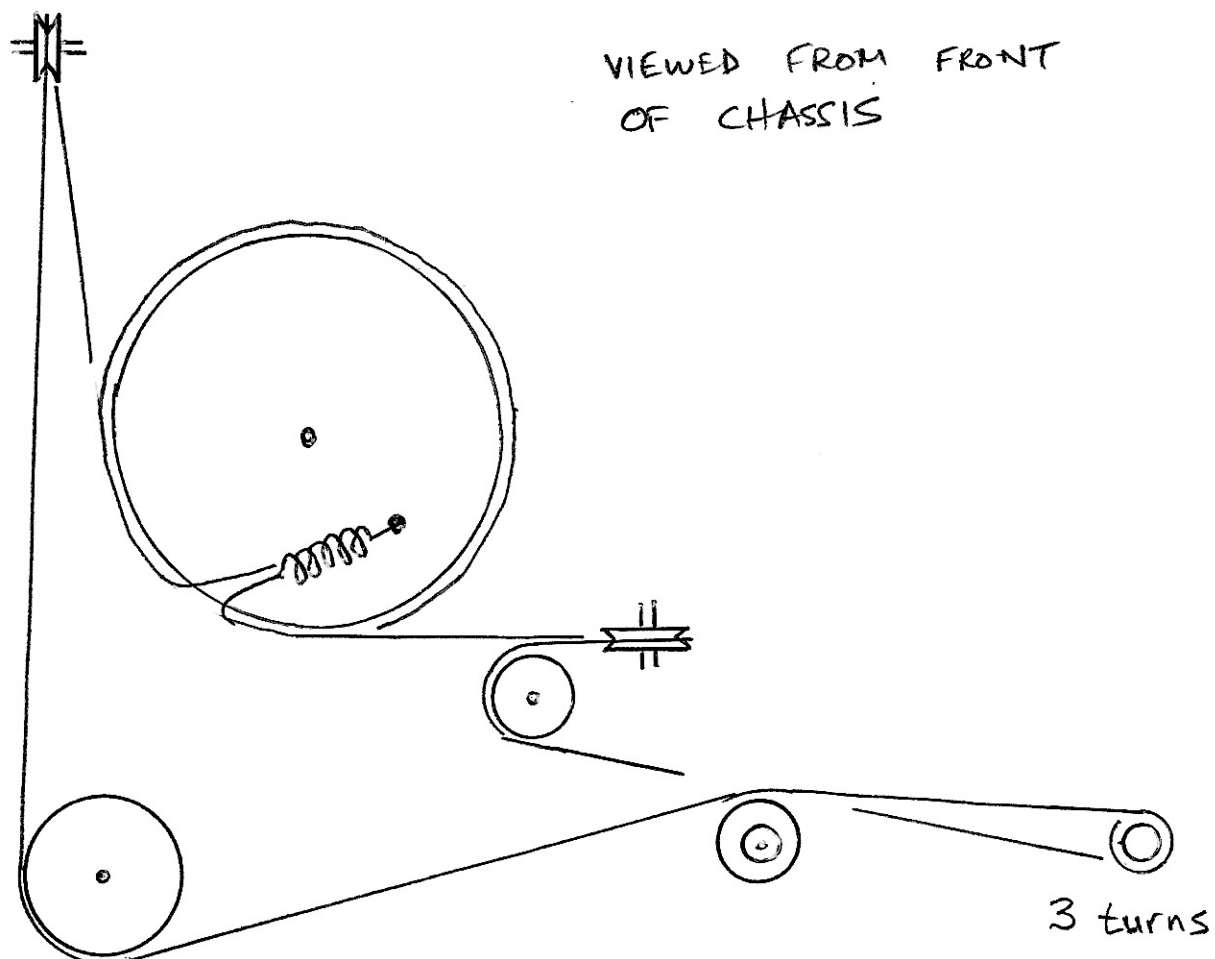
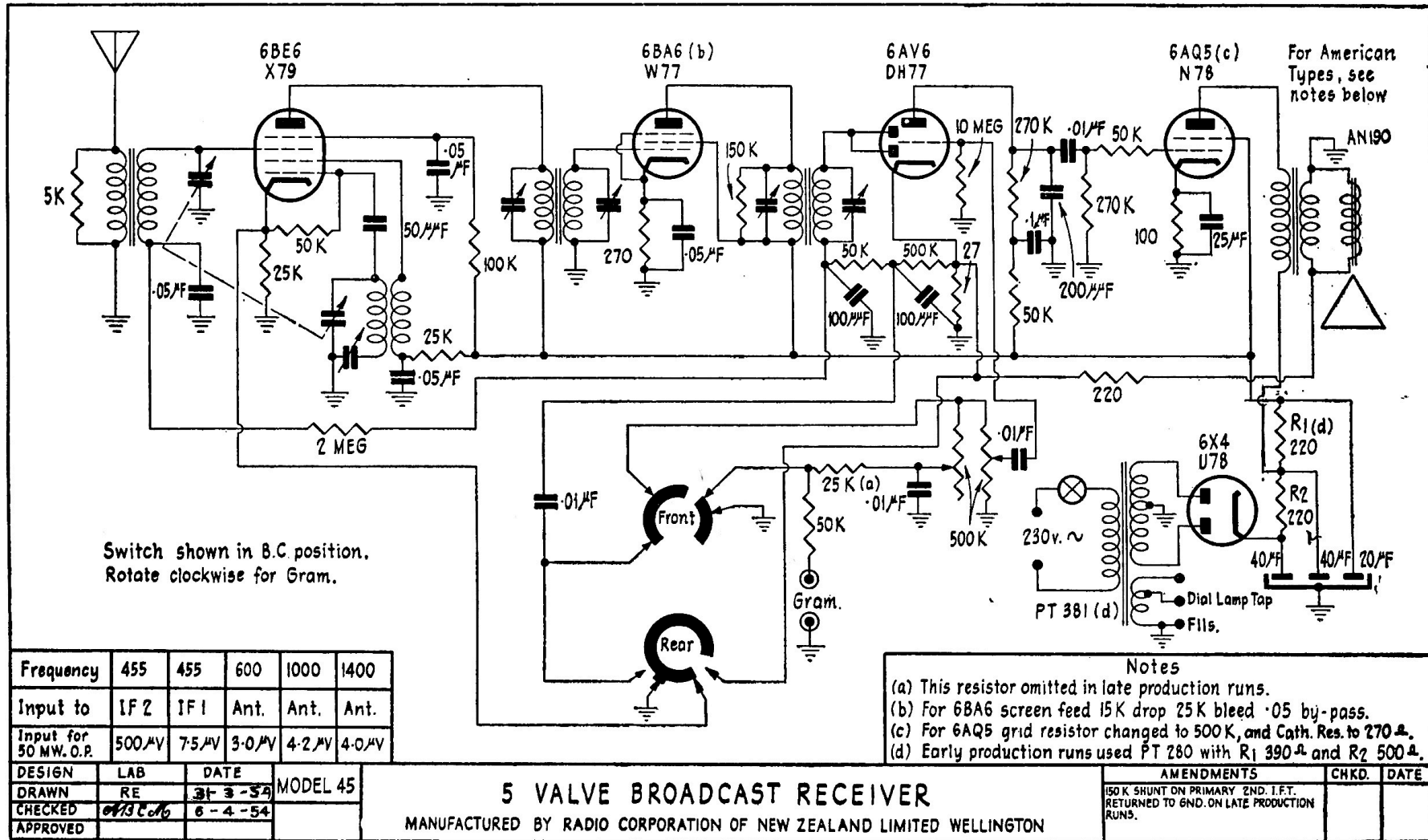


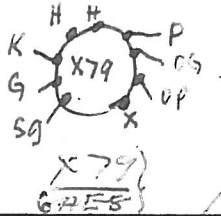
A hand-drawn schematic of a room layout. At the top, there are four vertical rectangular shapes representing windows or doors. Below them, the room is divided into two main sections. On the left, there is a large trapezoidal shape pointing downwards, with a square shape below it. To the right of this square is a circle labeled 'ECH81'. Below the square is another square containing a rounded rectangle. To the left of this rounded rectangle is a circle labeled '6x4'. To the right of the rounded rectangle is a circle labeled 'CAP'. On the right side of the room, there is a large rectangular shape. To its right is a circle labeled 'N78'. Below this rectangle is another circle labeled 'DH77'. At the bottom right, there are two small squares, each containing two small circles. To the left of these is a circle labeled '6BA6'. To the right of the first small square is another circle labeled '6BA6'. To the right of the second small square is another circle labeled '6BA6'.



Notes:

1. 6BE6 (7-pin) and X79 (noval) have different sockets. X79 can be replaced by ECH81 (noval) with socket rewiring.
2. 6BA6/W77 and 6AQ5/N78 are not direct replacements – the pin connections are different and will require socket rewiring.





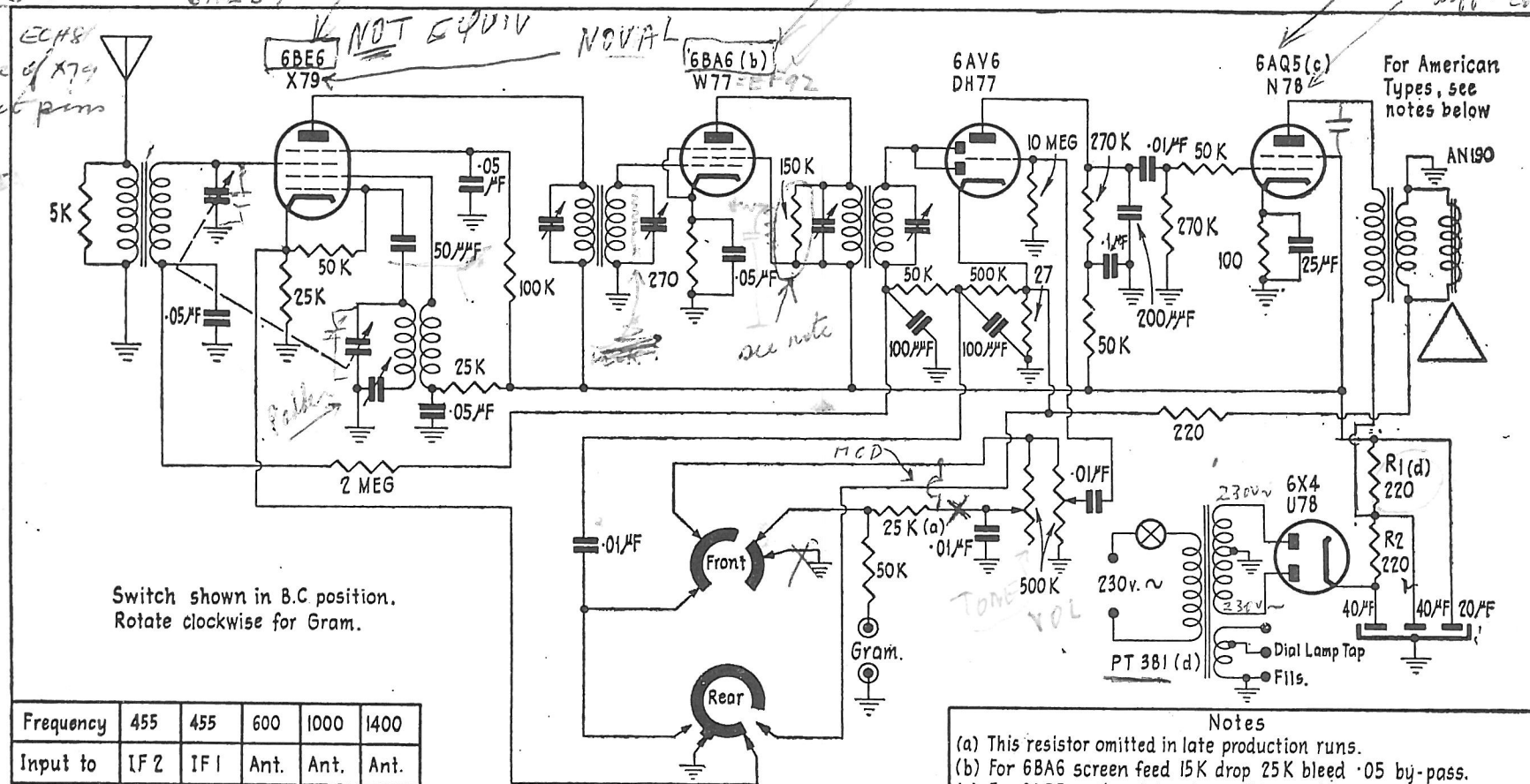
to see ECHS
in place of X79
connect pins
7 + 9
together

Not generally interchangeable

not directly
interchangeable
different connections

mod
add
-005

change
to 5000
10000



Switch shown in B.C. position.
Rotate clockwise for Gram.

Frequency	455	455	600	1000	1400
Input to	IF 2	IF 1	Ant.	Ant.	Ant.
Input for 50 MW. O.P.	500 μ V	7.5 μ V	3.0 μ V	4.2 μ V	4.0 μ V

DESIGN	LAB	DATE	MODEL 45
DRAWN	RE	31-3-54	
CHECKED	<i>MB</i>	6-4-54	
APPROVED			

5 VALVE BROADCAST RECEIVER

MANUFACTURED BY RADIO CORPORATION OF NEW ZEALAND LIMITED WELLINGTON

- (a) This resistor omitted in late production runs.
(b) For 6BA6 screen feed 15K drop 25K bleed .05 by-pass.
(c) For 6AQ5 grid resistor changed to 500 K, and Cath. Res. to 270 Ω .
(d) Early production runs used ~~PT-280 with R₁ 390 Ω and R₂ 500 Ω .~~

AMENDMENTS	CHKD.	DATE
150 K SHUNT ON PRIMARY 2ND. I.F.T. RETURNED TO GND. ON LATE PRODUCTION RUNS.		

50C-5-54

45

45

28/7/18

3.2 1. life-time voltage of 150K IF about 25
2. noise of IF cathode light pen
0. noise compensation of 15. 5A 40213

Model 45 - P/c 33472 (903)
46-31073
266 is similar
266 - (903)

has 150K shorts
on 2nd & 1st IFT

RCNZ model 45 - modified circuit
using ECH81

