

Type 5BB

SV DC Amd Pass Bty 1A6, 1A4, 1B6, 30, 19

IF? but peaks at app 236KC dial at 1500

IF 175KC as notified from CVO

TECHNICAL INFORMATION

BULLETIN No. 120.

(TYPE) 1938

TECHNICAL DATA ON THE TYPE 5 A.V. 5-VALVE
5AV.3

BROADCAST RECEIVER.

RECEIVER

COLLIER & BEALE LTD.

WELLINGTON

MODEL 5 A.V.3. 5-VALVE BROADCAST RECEIVER.

CONDENSER & RESISTOR DETAILS.

APPLIES ON S.N. 13426 AND OVER.

CONDENSERS.

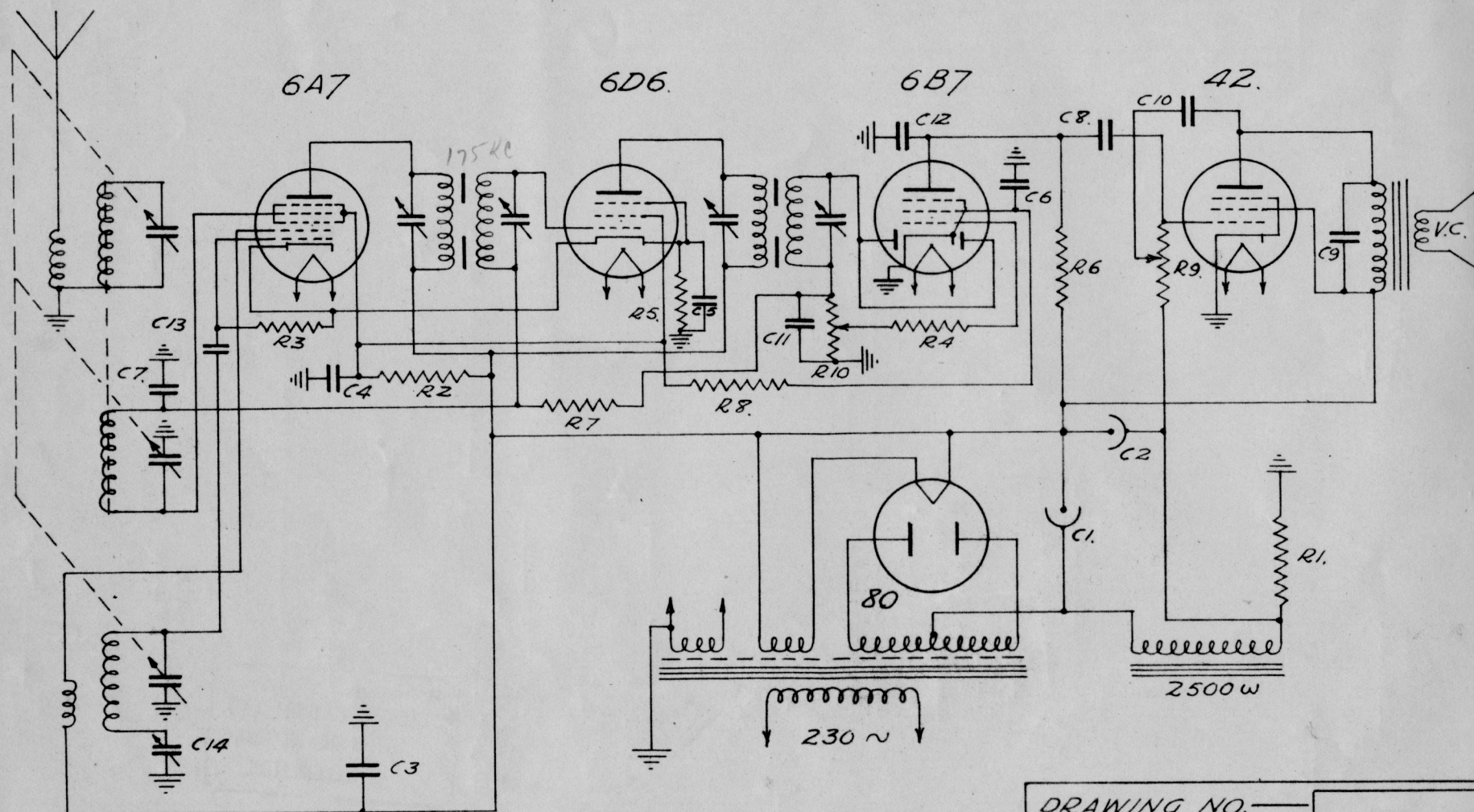
- C.1.- 8-mfd. Electrolytic (wet)
- C.2.- 8-mfd. Electrolytic (wet)
- C.3.- .1-mfd. Paper condenser H.T.
R.F. by-pass.
- C.4.- .1-mfd. Screen R.F. by-pass.
- C.5.- .1-mfd. Cathode by-pass.
- C.6.- .1-mfd. Screen R.F. by-pass.
- C.7.- .05-mfd. A.V.C. Condenser.
- C.8.- .01-mfd. Audio coupling Condenser.
- C.9.- .001-mfd. Audio R.F. by-pass.
- C.10- .00025-mfd. Negative feedback
Condenser.
- C.11- .0001-mfd. Diode R.F. by-pass.
- C.12- .0001-mfd. Audio R.F. by-pass.
- C.13- .0001-mfd. Oscillator grid Condenser.
- C.14- 550-mmfd. Padder Condenser.

RESISTORS.

- R.1. - 400-ohm. 1-watt. Bias Resistor.
- R.2. - 50,000-ohm. 1-watt. Screen
dropping resistor.
- R.3. - 50,000-ohm. $\frac{1}{2}$ -watt. Oscillator
grid leak.
- R.4. - 50,000-ohm. $\frac{1}{2}$ -watt. Grid ~~Suppressor~~
- R.5. - 200-ohm. $\frac{1}{2}$ -watt. Bias resistor.
- R.6. - 250,000-ohm. $\frac{1}{2}$ -watt. Plate load.
- R.7. - 1-megohm. $\frac{1}{3}$ -watt. A.V.C.
Resistor.
- R.8. - 1-megohm. $\frac{1}{3}$ -watt Screen
dropping resistor.
- R.9. - $\frac{1}{2}$ -megohm. Grid leak and
negative feedback control.
- R.10. - $\frac{1}{2}$ -megohm. Volume control.

COLLIER & BEALE LIMITED,
66 GHUZNEE STREET,
WELLINGTON, C.2.
11th October, 1938.

SCHEMATIC DIAGRAM TYPE 5.A.V.3. RECEIVER



DRAWING NO.

COLLIER & BEALE LTD

WELLINGTON-DATE