

TELEGRAMS
"RADICENTRE"

TELEPHONE 55-020

R.N.Z.

RADIO CORPORATION OF NEW ZEALAND LTD.

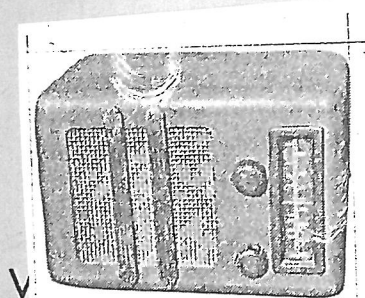
80 COURTENAY PLACE - - WELLINGTON, C3

G.P.O. BOX 1585

SERVICE
DATA

Date : 18th April, 1950

400/4/50



MODEL MC7

5 Value Broadcast Auto Radio

Model MC7 5-valve car radio
using separate power supply 1947,
meter be-
tween point indicated and chassis.)

	Volts
H.T. voltage	200
Plate of 6K7 RF amp.	190
Plate of 6K8	185
Plate of 6K7 IF amp.	185
Screens of RF and IF valves	95
Plate of 6Q7	38
Plate of 6V6	155
Bias on 6V6 (10v. range)	.1
Bias from top of osc. grid leak (10v. range) approx.	10

All measurements should be made with receiver
tuned to approximately 1000Kc. and with no signal
input.

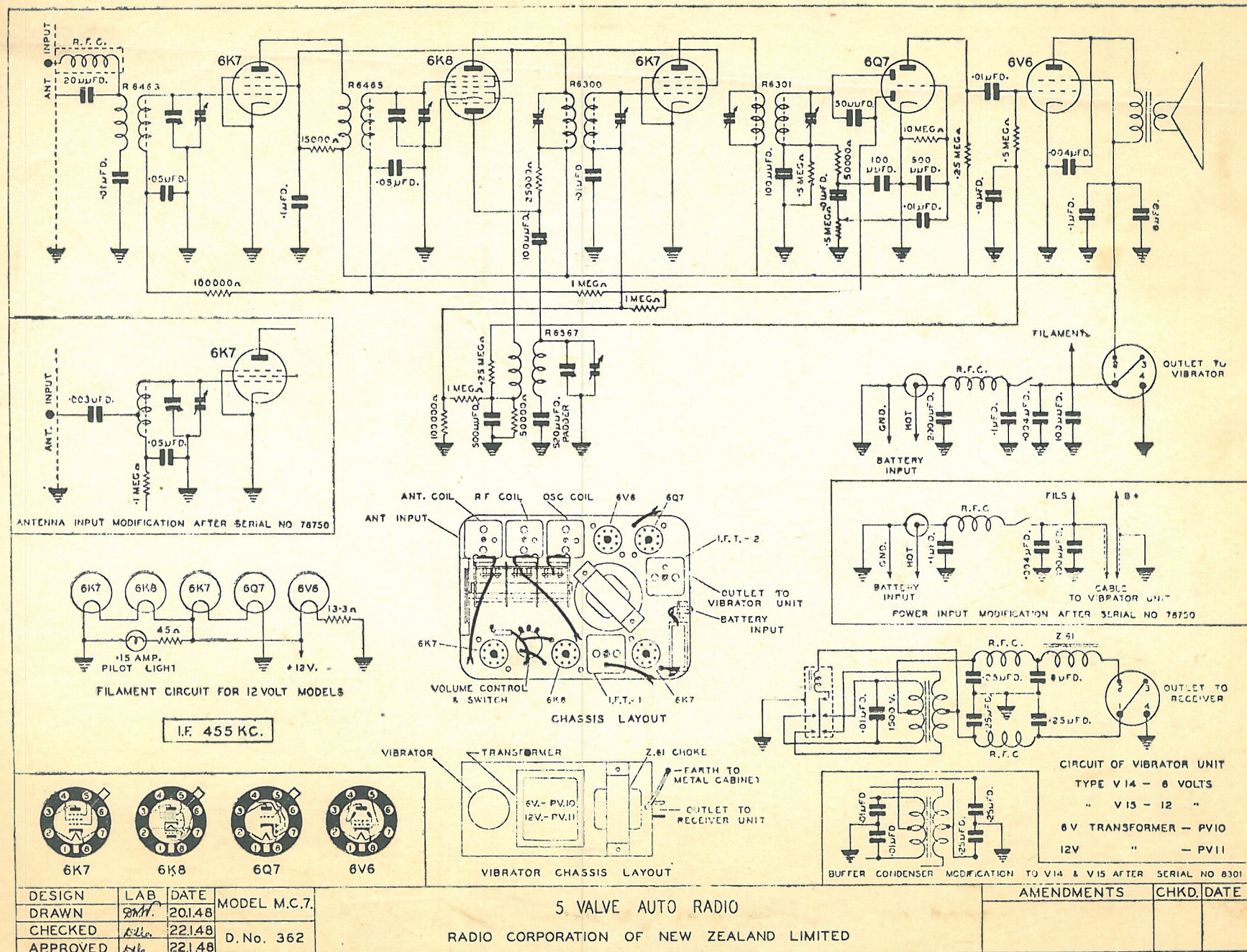
Resistance Tests

Where Measured	Approx. DC resistance in ohms
Across battery leads	1
H.T. filter choke (Z61)	350
Output transformer primary	500
PV 10 primary	.25
secondary	500
PV 11 primary	1
secondary	500
Aerial coil	2.5
RF primary	55
secondary	3
Osc. primary	2
secondary	2.5
IF coils	5.5

Sensitivity Tests

Sensitivity Tests: (Microvolts input to give standard output of 50 milliwatts.)

Frequency	Input to	Microvolts
455 Kc.	Grid of 6Q7	2500
455 Kc.	Grid of 6K7	70
600 Kc.	Aerial lead through standard dummy antenna	2
1000 Kc.	" " " " " "	2
1400 Kc.	" " " " " "	2



DESIGN	LAB	DATE	MODEL M.C.7.
DRAWN	<i>SMH</i>	20.1.48	
CHECKED	<i>SLA</i>	22.1.48	D.No. 362
APPROVED	<i>SLA</i>	22.1.48	

AMENDMENTS	CHKD.	DATE