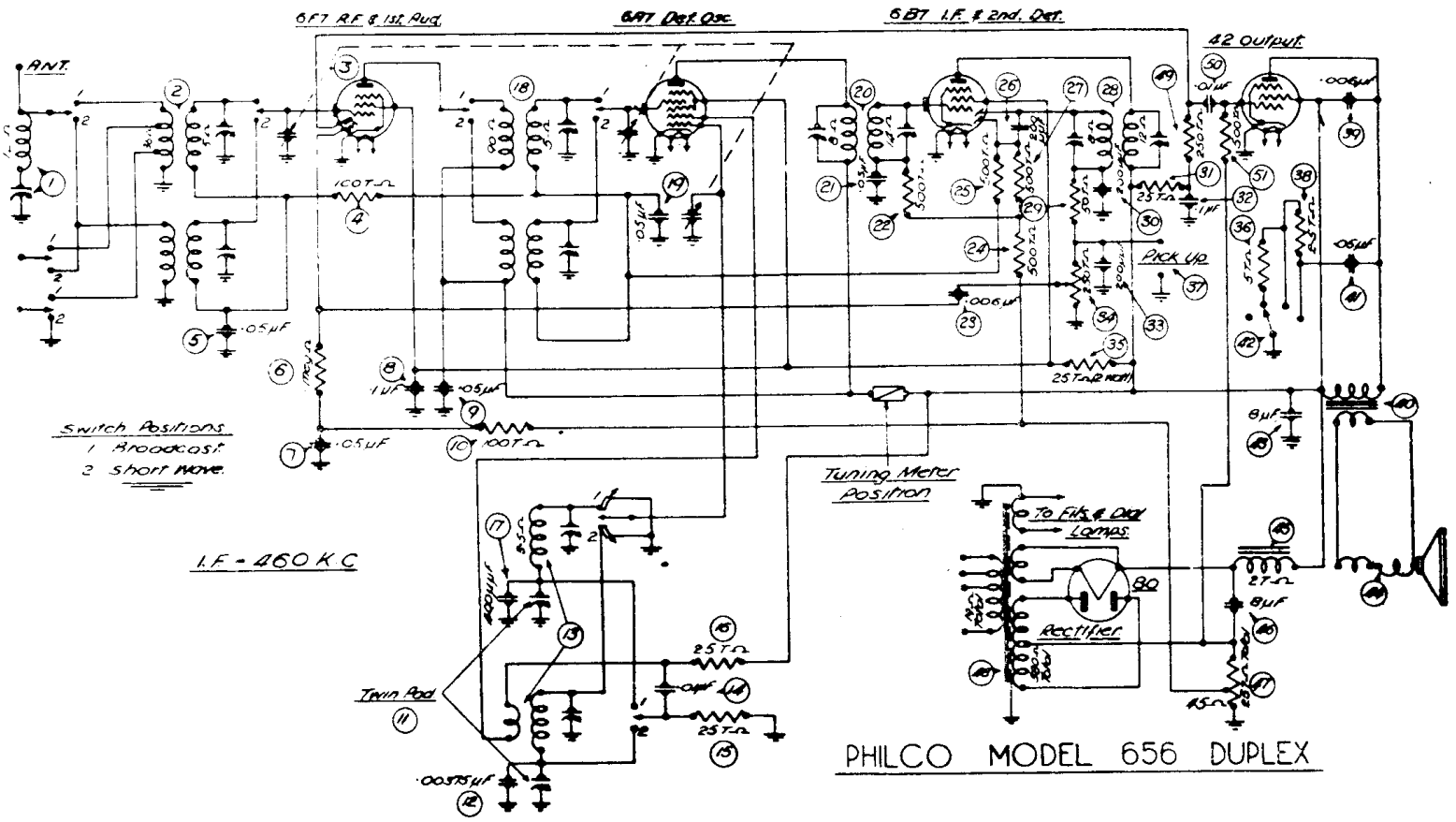

TYPE CIRCUIT: 5 valve Dual wave receiver using A.V.C. and Duplex circuits.

POWER SUPPLY: Alternating Current. Voltage and frequency as specified.

VALVES USED: 1 type 6F7 R.F. and 1st Audio. 1 type 6A7 Detector Oscillator. 1 type 6B7 I.F. and 2nd Detector. 1 type 42 output. 1 type 80 full wave rectifier.

COVERAGE OF EACH
BAND: 1.530 K.C. to 1,750 K.C.
2.5.7 M.C. to 18 M.C.

INTERMEDIATE FREQUENCY: 460 K.C.

POWER CONSUMPTION: 62 watts.

PROGRAM CONTROL: 4 position switch type.

VALVE SOCKET VOLTAGES (Line Voltage 240)
(Measured to Ground)

VALVE	6F7	6A7	6B7	42	80
"	R.F.	Det.	I.F.	Output	Fil.
"	&	Osc.	&		to
"	1st Aud.		2nd Det.		Gnd.
PointP	250	250	250	235	
S.G.	90	90	90	250	390
K.	-	-	-	-	

6F7 Audio Plate G2= 50

Bias Resistor Voltages measuring from earthed end:- -3 and -17. Oscillate Plate G2 = 140.

The above voltages were measured with a 1,000 ohms-per-volt meter using 250v and 50v scales. The volume control was in the maximum position with the aerial terminal shorted to earth. Use Fig. 1 for test points.