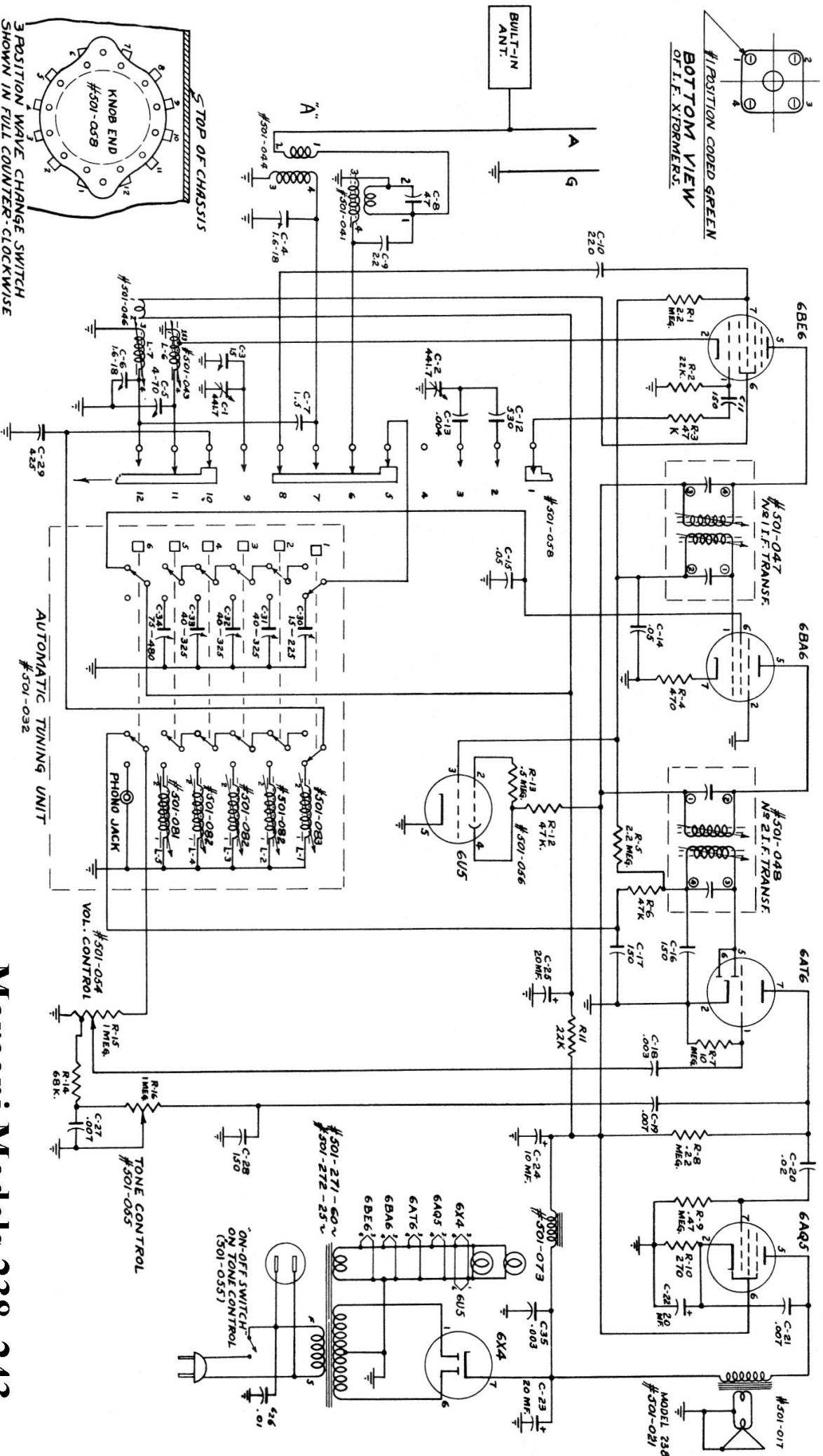
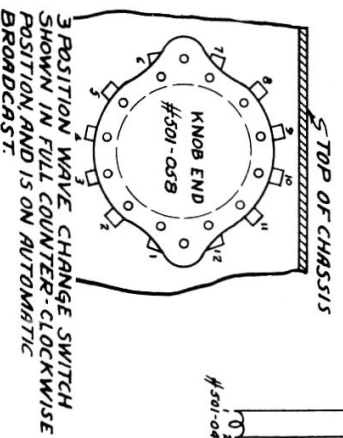
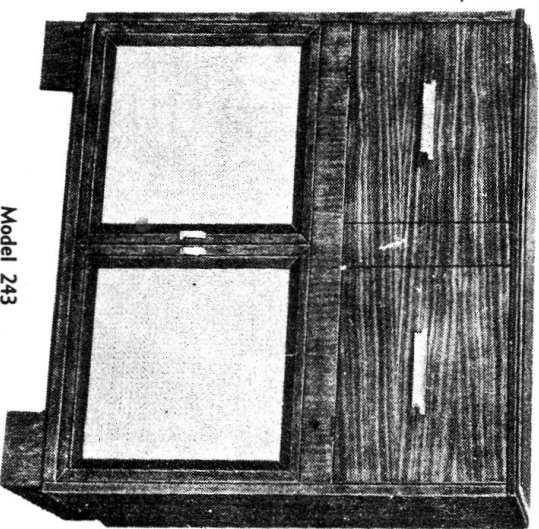
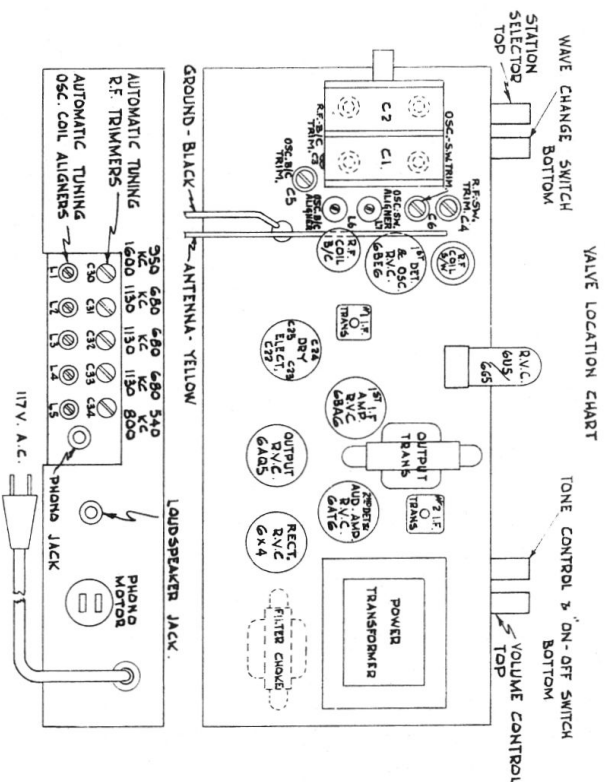


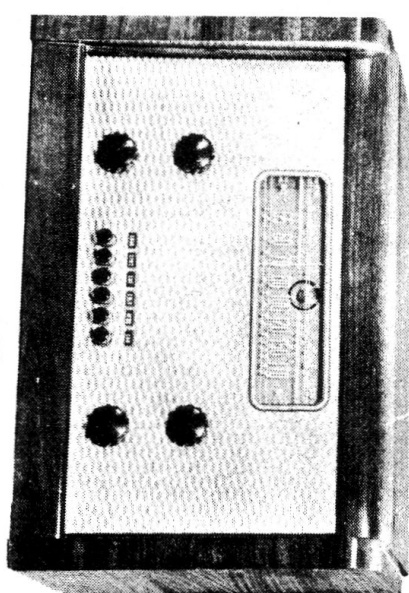
#1 POSITION CODED GREEN
BOTTOM VIEW
OF I.F. TRANSFORMERS



Marconi Models 238, 243



Model 243



Model 238

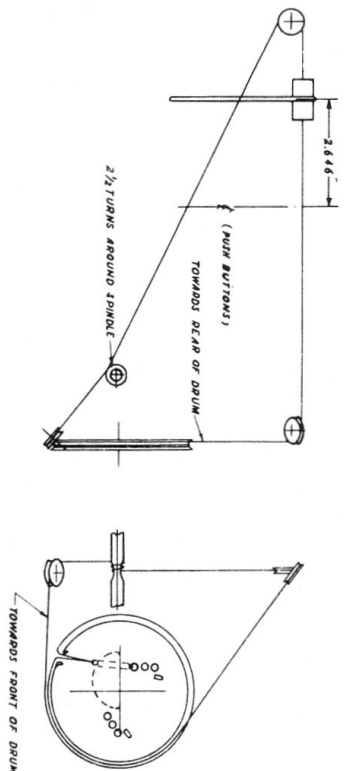
POWER OUTPUT

Undistorted.....2.0 Watts
Maximum.....4.0 Watts

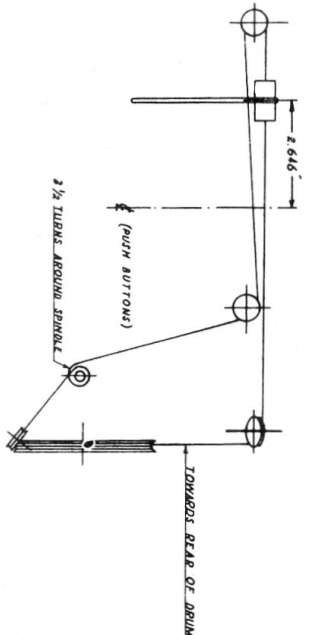
FREQUENCY COVERAGE

Broadcast.....540-1720 KC.
Short Wave.....6-18 MC.

DRIVE COIL ARRANGEMENT.
MODEL 243



DRIVE COIL ARRANGEMENT.
MODEL 238



ARRANGEMENT OF DRIVE COIL WITH COND. PLATES
FULL IN & CURSED AT FULL COUNTERCLOCKWISE
POSITION OF ITS TRAVEL AT POINT ON BACKPLATE.

VOLTAGE & CURRENT DATA

Rectifier Voltage.....270 Volts (2)
High Tension Voltage.....255 Volts (3)
Screen Voltage.....85 Volts (4)
Beam Power Bias Voltage.....11 Volts (5)
I.F. Bias Voltage.....2.5 Volts (6)
Total Current Consumption.....65 M. A.

LOUDSPEAKER DATA

(Model 238) (Model 243)
Cone.....5 X 7 Inch.....12 Inch
Field.....Alnico V P.M.
Voice Coil Imp. at 400 C.P.S.....3 Ohms
Voice Coil Resistance.....3.2 Ohms
Output Transformer Primary Resistance.....400 Ohms

Marconi Models 238, 243 Alignment Procedure

SET BAND SWITCH TO	CONNECT S.G. OUTPUT TO	INPUT FREQUENCY	DIAL SETTING	ADJUST	CIRCUIT RESONATED	REMARKS
B.C.	C.G. GBB6	455 K.C.	GANG AT MINIMUM CAPACITY	TOP & BOTTOM ALIGNERS	2nd IF 1st IF	MAX OUTPUT
B.C. #	A & G	1730 K.C.	GANG AT MIN CAP'Y	C 5	B.C. OSC	RESONATE MAX OUTPUT
B.C.	A & G	1600 K.C.	1600 K.C.	C 3	R.F.	ROCK GANG
B.C.	A & G	580 K.C.	580 K.C.	L 6	B.C. OSC (PAD)	MAX OUTPUT
S.W.	A & G	16 M.C.	16 M.C.	C 4	SW. OSC.	ROCK GANG
S.W.	A & G	6 M.C.	6 M.C.	L 7	SW. OSC. (PADDER)	MAX OUTPUT

Before proceeding with R.F. Alignment, see that dial pointer is set to last calibration mark at left of dial with gang at maximum capacity.
Lug on R.F. section of gang forms suitable point of connection. For oscillograph alignment, connect oscillograph input across R2 and adjust for overlapping double image of maximum amplitude.