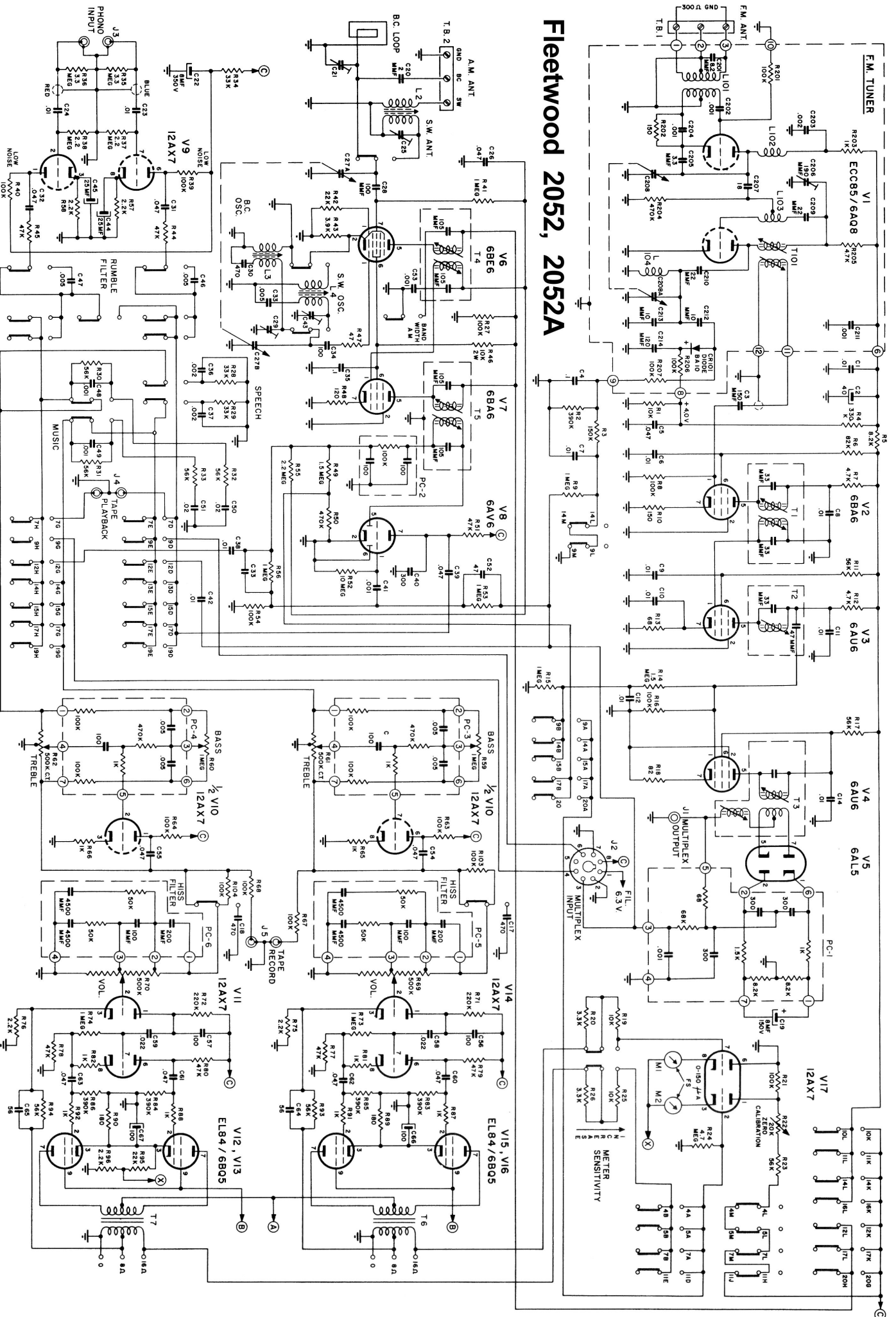


Fleetwood 2052, 2052A



Fleetwood 2052, 2052A Chassis Layouts

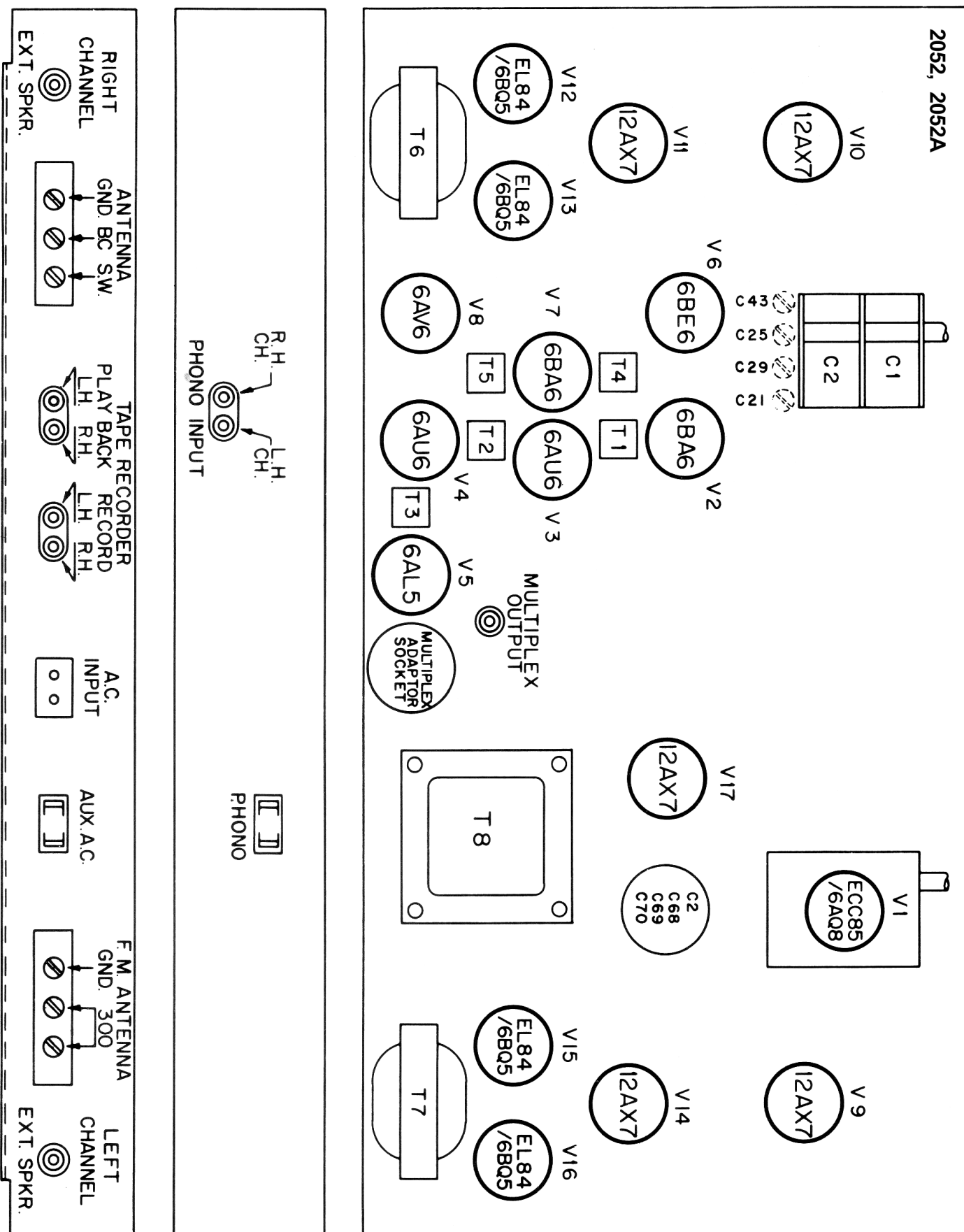
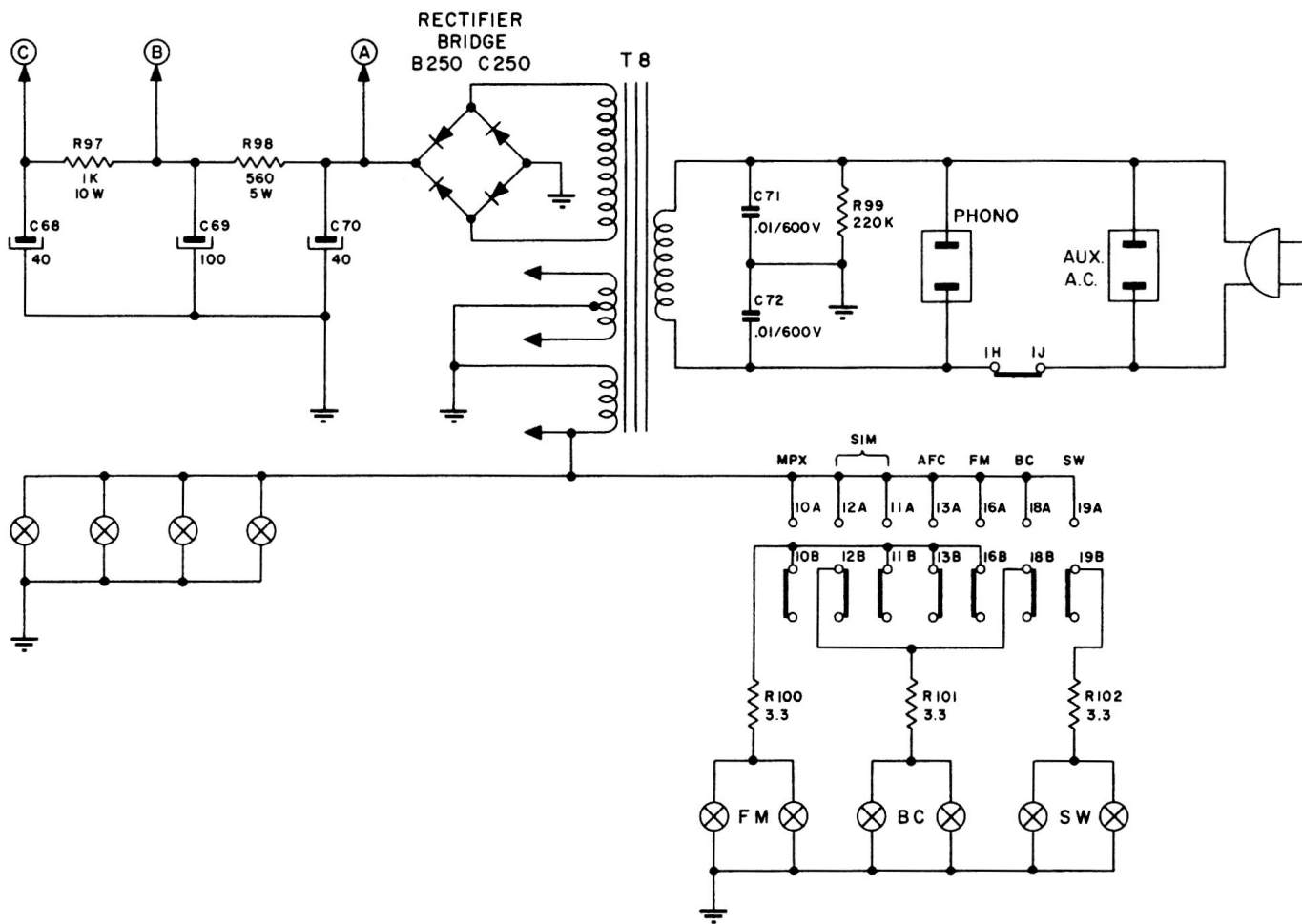


Fig. 3 — Tube Layout Chart



	OFF		MON		STEREO		TAPE		MLTPLX		SIMCAST		FM-A.F.C.		F.M.		B.C.		S.W.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A			o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
B			o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
C			o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
D			o		o		o		o		o	o	o		o		o		o	o
E			o		o		o		o		o	o	o		o		o		o	o
F			o		o		o		o		o	o	o		o		o		o	o
G			o		o		o		o		o	o	o		o		o		o	o
H			o		o		o		o		o	o	o		o		o		o	o
J			o		o		o		o		o	o	o		o		o		o	o
K			o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
L			o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
M			o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o

Fleetwood Alignment 2052, 2052A

CHASSIS 2052/2052A

Alignment is an exacting procedure and should be undertaken only when essential and by a fully qualified person.

The following equipment is required for proper alignment:—

1. Signal generator with a frequency range of at least 455kc. to 20 mc. (AM.)
2. Signal generator with a frequency range of at least 10.7mc. to 109 mc. (FM.)
3. Power output meter.
4. V.T.V.M.

NOTES:

Allow at least 15 minutes for the set and equipment to warm up before proceeding with alignment. During alignment, keep the signal generator output as low as possible. Keep the volume controls in full clockwise position. Keep tone controls in full clockwise position. Connect ground side of generator to chassis base. Generator modulation at 400 cy. 30% and 400 cy. 22.5 k.c. deviation of AM and FM respectively.

WARNING:

Connect output meter with 8 ohm termination to terminals of the output transformer. When output meter or loudspeaker is not connected across the amplifier output, terminate output with a five to ten ohms resistor capable of dissipating at least 10 watts.

	DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	GENERATOR FREQ.	DEPRESS FUNCTION SWITCH	DIAL SETTING	METER CONNECTION	ADJUST	REMARKS
1	1MF.	High side of Pin #7 of 68E6 tube.	455kc	BC.	Gang fully open.	Output meter across output transf. terminals.	T38 T4 Top and bottom.	Adjust for maximum output.
2	Loop	Loose	1630kc.	BC.	Same.	Same.	C29	Adjust for maximum output.
3	Same.	Same.	535kc.	BC.	Gang fully closed.	Same.	L3	Adjust for maximum output.
4	REPEAT STEP 2 AND 3 UNTIL NO FURTHER CHANGE OCCURS.							
5	Same.	Same.	1400kc.	BC.	1400kc.	Same.	C21	Adjust for maximum output.
1	400 Ohms	Connect high side of signal gen. through 400 Ohms resistor to sw. ant. terminal.	18.2mc.	SW.	Gang fully open.	Output meter across output transf. terminals.	C43	Adjust for maximum output.
2	Same.	Same.	5.9mc.	SW.	Gang fully closed.	Same.	L4	Adjust for maximum output.
3	REPEAT STEP 2 AND 3 UNTIL NO FURTHER CHANGE OCCURS.							
4	Same.	Same.	15mc.	SW.	15 mc.	Same.	C25	Adjust for maximum. Note: Rock gang condenser while adjusting trimmer.
5	Same.	Same.	7mc.	SW.	7 mc.	Same.	L2	Adjust for maximum.
6	REPEAT STEP 4 AND 5 UNTIL NO FURTHER CHANGE OCCURS.							
1	Direct.	Raise shield on 6AQ8 tube and connect high side of generator to shield. Connect low side to chassis.	10.7mc. No mod.	FM.	108 mc.	Connect V.T.V.M. probe to negative lead of C19 8mfd. condenser.	Adjust as follows: T1 top & bottom, T2, T3 bottom. T101 top & bottom.	Adjust for maximum. Note: keep generator output low as the reading on V.T.V.M. should not exceed 2 volts.
2	Same.	Same.	Same.	FM.	Same.	Connect V.T.V.M. DC probe to Pin #3 of J2 multiplex input socket.	Adjust T3, top slug.	Adjust for "Zero" reading.
3	300 Ohms.	Replace shield on 6AQ8 tube. Connect sig. gen. output to FM. antenna.	88mc. mod.	FM.	88mc.	Output meter across output transf. terminal.		Check calibration.
4	Same.	Same.	108mc.	FM.	Same.			Check calibration.