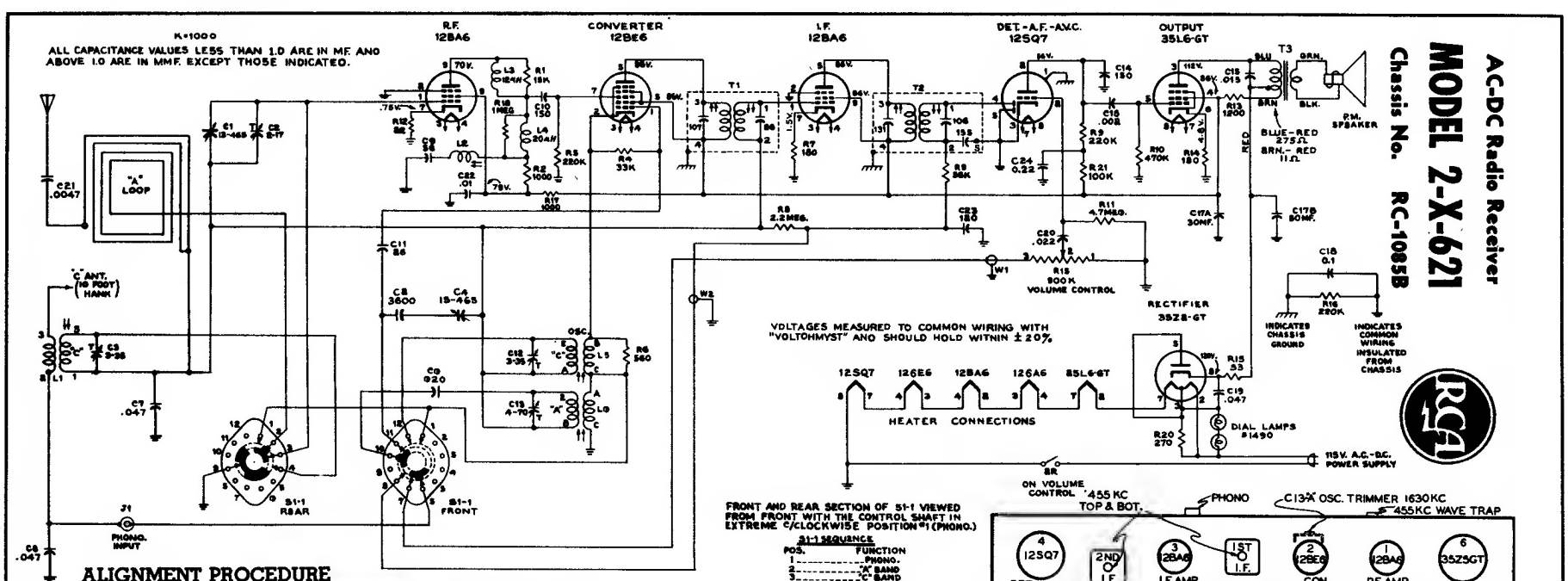
AC-DC Radio Receiver

MODEL 2-X-621

Chassis No. RC-1085B



ALIGNMENT PROCEDURE

Steps	Connect the High Side of The Test Osc. to—	Tune Test Osc. to—	Ranga Switch to—	Turn Radio Dial to—	Adjust for maximum output
1	Pin No. 1 of 12BA6 I.F. amp tube in series with 0.1 mfd.	455 kc.	"A"	Quiet Point naar 1600 kc.	Top and bottom T2 2nd I.F. Trans.
2	Pin No. 7 of 12BE6 Convartar tube in series with 0.1 mfd.				*Top and bottom T1 1st I.F. Trans.
3	Pin No. 1 of 12BA6 R.F. tube in series with 0.1 mfd.				L2 wave trap for minimum output.
4	(Radiated signal) short piece of wire placed near ant.	1620 kc.	"A"	1620 kc. (Cap. min.)	C-13 "A" Osc.
5		1400 kc.		1400 kc.	C-2 "A" ant.
6		600 kc.		600 kc.	L6 "A" Osc. Rocking gang.
7	Repeat steps 4, 5 and 6.				
8	Center tarminal on loop antanna Tarm. board through 47 mfd Low side to loop primary terminal	18.2 mc.	"C"	18.2 mc. (Min. cap.)	**C-12 "C" Osc.
9		15.2 mc.		15.2 mc.	***†C-3 "C" Ant.
10		6.1 mc.		6.1 mc.	††L-5 "C" Osc. L-1 "C" Ant.
11	Rapeat steps 8, 9, and 10 as necessary.				

*Use 18K resistor aeross primary when aligning secondary, across secondary when aligning primary.

**Two peaks should be found, use one having lowest capaeity.

***Two peaks should be found, use one having highast capaeity.
Note: Check for image frequences.

†Radio dial tuned to 15.2 mc. as in step 9, tune test osc. to 16.11 mc. where a weaker signal should be haard.

††Radio dial tuned to 6.1 mc. as in step 10, tnne test osc. to 7.01 mc. where a weaker signal should be heard.