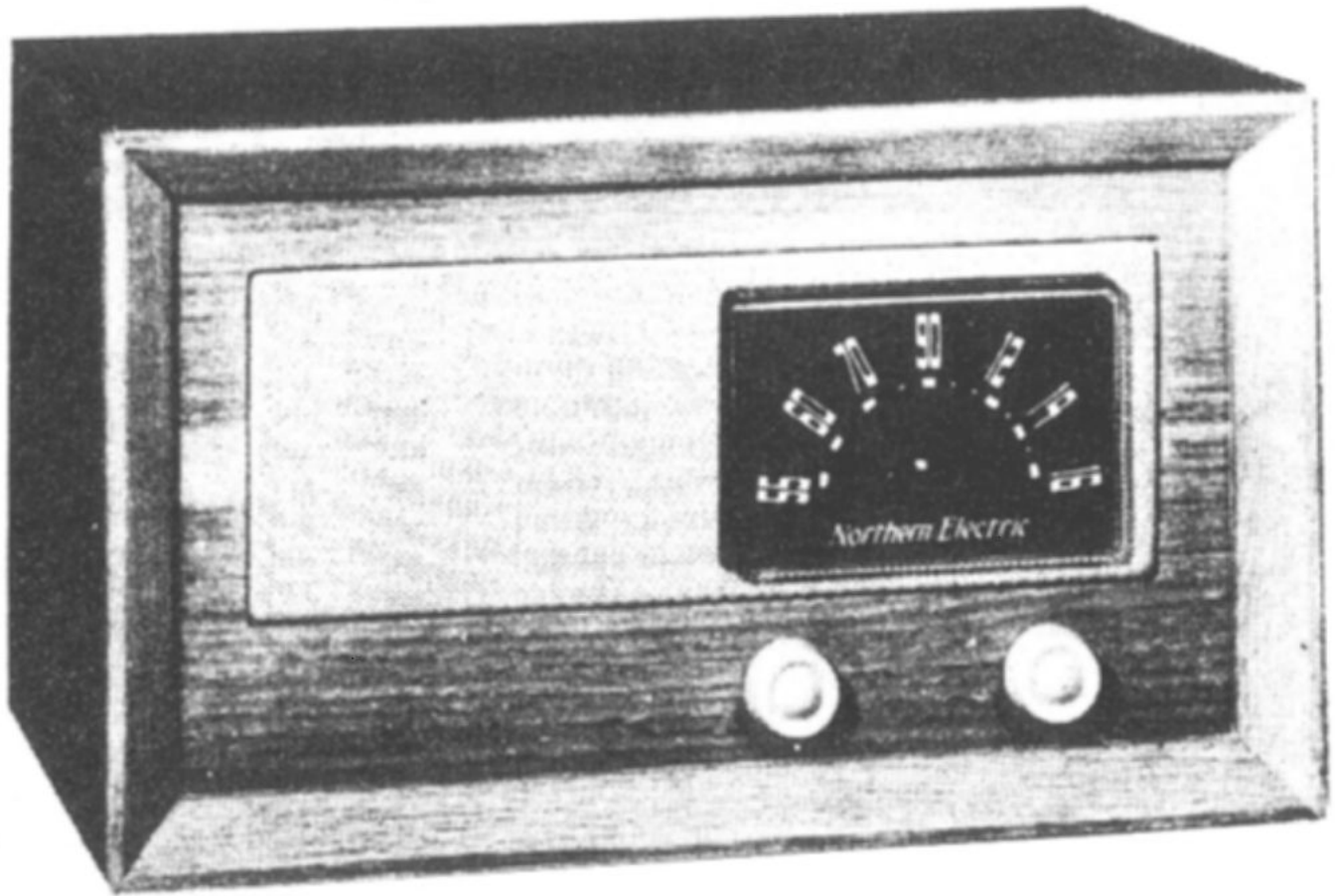


NOTES
 1- ALL VOLTAGES ARE TAKEN FROM THE COMMON NEGATIVE AND ABOVE READINGS ARE TAKEN FOR 110V INPUT
 2- WIRING SIDE OF TUBES SHOWN

Northern Electric 5300

M = 1,000,000 OHMS
 K = 1,000 OHMS
 ALL CAPACITORS MFD EXCEPT AS MARKED PF
 ALL RESISTORS 1/2 WATT EXCEPT AS NOTED



Northern Electric 5300

ALIGNMENT

Alignment procedure should be carried out according to the following table and in the order shown.

<i>Alignment Frequency</i>	<i>Dummy Antenna</i>	<i>Receiver Connection</i>	<i>Items to be adjusted for maximum output and their location.</i>
I. F. 455 KC	.1 Mfd (Paper)	Antenna Section Gang	I. F. Trimmers, items C10, C11, C15 and C16 on I. F. Transformers (tuning gang open)
B. C. 1400 KC	100 Mmf (Mica)	Antenna Wire	(a) Oscillator trimmers on gang, C4 and C5 (b) Antenna trimmer on gang C3.
B. C. 600 KC	100 Mmf (Mica)	Antenna Wire	Oscillator lag trimmer C7 Recheck at 1400 KC.