

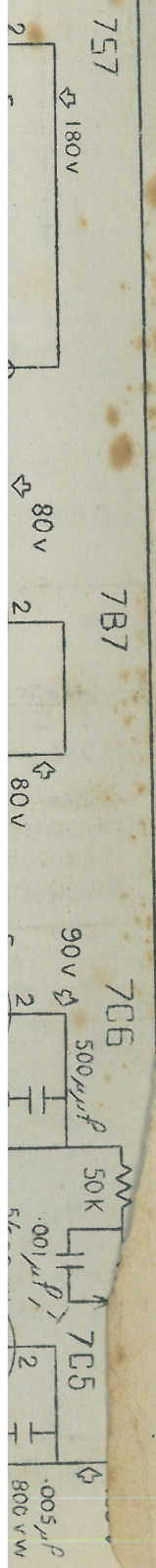
ALIGNMENT PROCEDURE

Equipment Required - A wave signal generator and output indicator use dummy aerial in series with generator for alignment or if this is not available, use a 200 mmfd. condenser in series for B.C. and a 400 ohm resistor for S.W.

Procedure - Commencing with B.C. set frequency with No.7 and adjust for maximum response with No.8 trimmers, with receiver at 600 K/cs. adjust 5 and 9 for maximum then recheck 7 and 8 for S.W. Set frequency by means of No.6 and maximum with No.10 tune to 10 M/cs. and adjust No.11 for maximum recheck 6 and 10.

BAND	Generator Connection	Generator Frequency	Receiver Frequency	Trimmers	Remarks
I.F.	Through .1 mfd to convertor grid	455 K/cs.	1600 K/cs.	1-2-3-4	In that order for maximum response recheck.
B.C.	Through dummy aerial to Ant. wire.	1400 K/cs.	1400 K/cs.	7-8	Set frequency check " Recheck
		600 K/cs.	600 K/cs.	5-9	
		1400 K/cs.	1400 K/cs.	7-8	
S.W.	As for B.C.	15 M/cs.	15 M/cs.	6-10	Set frequency & check image for maximum check. (see note)
		10 M/cs.	10 M/cs.	11	
		15 M/cs.	15 M/cs.		

NOTE: The image will be found on the signal generator .91 M/cs. higher than the fundamental.



SPECIFICATIONS

A five tube dual wave receiver with semi band spread on the S.W. band; a heptode converter followed by high gain I.F. stage and diode/triode detector amplifier with a beam-power output tube using inverse feedback.

BAND COVERAGE:

BC	-	540 KC/s	-	1600 KC/s
S.W.	-	9.3 MC/s	-	15.5 MC/s

CABINET:

Bakelite moulded.

INTERMEDIATE FREQUENCY:

- 455 KC/s

SPEAKER: - P.M.

POWER SUPPLY: 230 V A/C.

50 Cycles -

TUBES:

- 757 - Heptode Converter
- 7B7 - I.F.
- 7C6 - Diode/triode
- 7C5 - Output
- 7Y4 - Rectifier

POWER CONSUMPTION:

40W.

