



18M = Band 1
 1M8 = Band 2
 180K = Band 3
 18K = Band 4

AMPLITUDE CONTROL
 0 - 50V p-p

72545579
 S-181
 Set to
 4K7

Set to 34.4 pF

SET TO: 6K2
 EFF. TO
 CHASSIS

SET TO: 2K2
 EFF. TO
 CHASSIS

TANK COIL
 DIMENSIONS
 DIAMETER 6.7 cm
 INTERWINDING SPACING 3mm
 LENGTH 11.5cm
 WIRE GAUGE 16 swg
 TOTAL TURNS 40
 TAP @ TURN 17

NOTES: R4 should be precision high quality pot brand Allen Bradley or Clarrastat, not carbon track

C4 and C10 should be paper or mylar, NOT electrolytic

R13, R20, R29 and R30 are wirewound

C7 is compression mica trimmer

C8 is tubular ceramic, measured at 52pf - probably should be 50pF nominal.

Lamp F1 is a General Electric 3S6, 3 Watt 120v. Only this bulb will work, there is no known substitute.

Resistors should be 3W unless otherwise specified.

Filter choke L1 is unknown but is probably 5-8 Henries. Suitable part is Merit Transformer Company part number C-2995, 8.0 henry, 100ma, DC resistance 375 ohms, volts insulation 1500

Transformer T1 was measured at 290V, windings are probably 280V actual nominal rating.

Drawn By: Aubrey Scoon. Analysis and corrections by Robert Harrison		
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