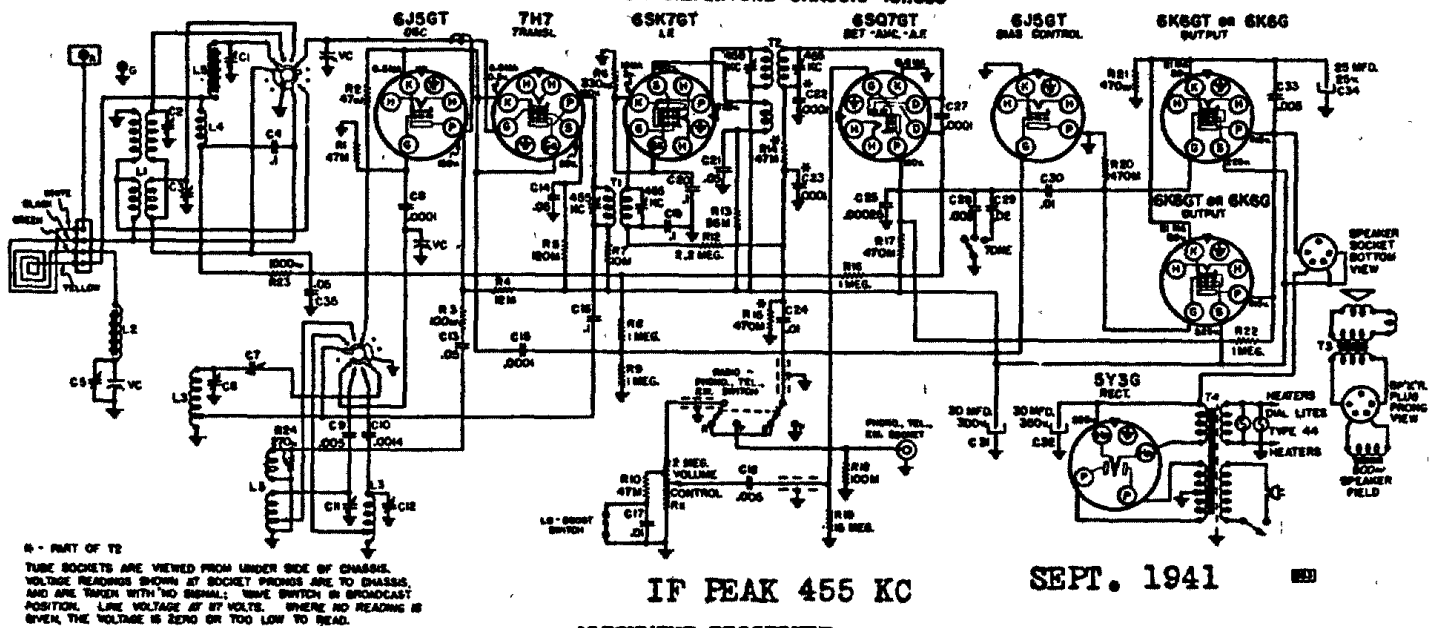


SEARS, ROEBUCK & CO.

MODEL 7038
Chassis 101.653

WIRING DIAGRAM FOR SILVERTONE CHASSIS 101.653

PRELIMINARY

Output meter connections Across loud speaker voice coil
Output meter reading to indicate 500 milliwatts 1.3 volts
Approximate microvolts input to indicate 500 milliwatts output See chart below
Generator ground lead connection Receiver chassis
Dummy antenna value to be in series with generator output See chart below
Connection of generator output lead See chart below
Generator modulation 30%, 400 cycles
Position of Volume Control Fully on
Position of Tone Control HI
Position of right edge of pointer with condenser fully opened On line scribed on top of
pointer guide rail

WAVE BAND SWITCH POSITION	POSITION OF VARIABLE	GENERATOR FREQUENCY	DUMMY ANTENNA	GENERATOR CONNECTION	TRIMMERS ADJUSTED (IN ORDER SHOWN)	TRIMMER FUNCTION	APPROXIMATE MICROVOLTS
A	Closed	455 kc	.1 mfd.	7H7 Transl. Grid	T2, T1	IF	—
A	Open	1750 kc	.00005 mfd.	Ant. Terminal	C6	Oscillator	—
A	1410	1410 kc	.00005 mfd.	Ant. Terminal	C5, C1	Ant. Transla.	25
A	600 (rock)	600 kc	.00005 mfd.	Ant. Terminal	C7	Padder	100
B	Open	5.5 mc	400 ohms	Ant. Terminal	C12	Oscillator	—
B	4 (rock)	4 mc	400 ohms	Ant. Terminal	C2	Transla.	35
C	Open	18.3 mc	400 ohms	Ant. Terminal	C11	Oscillator	—
C	15 (rock)	15 mc	400 ohms	Ant. Terminal	C3	Transla.	25

IMPORTANT ALIGNMENT NOTES

The alignment must be done in the order given.

Always keep the output power from the generator at its lowest possible value to prevent the AVC of the receiver from interfering with accurate alignment.

