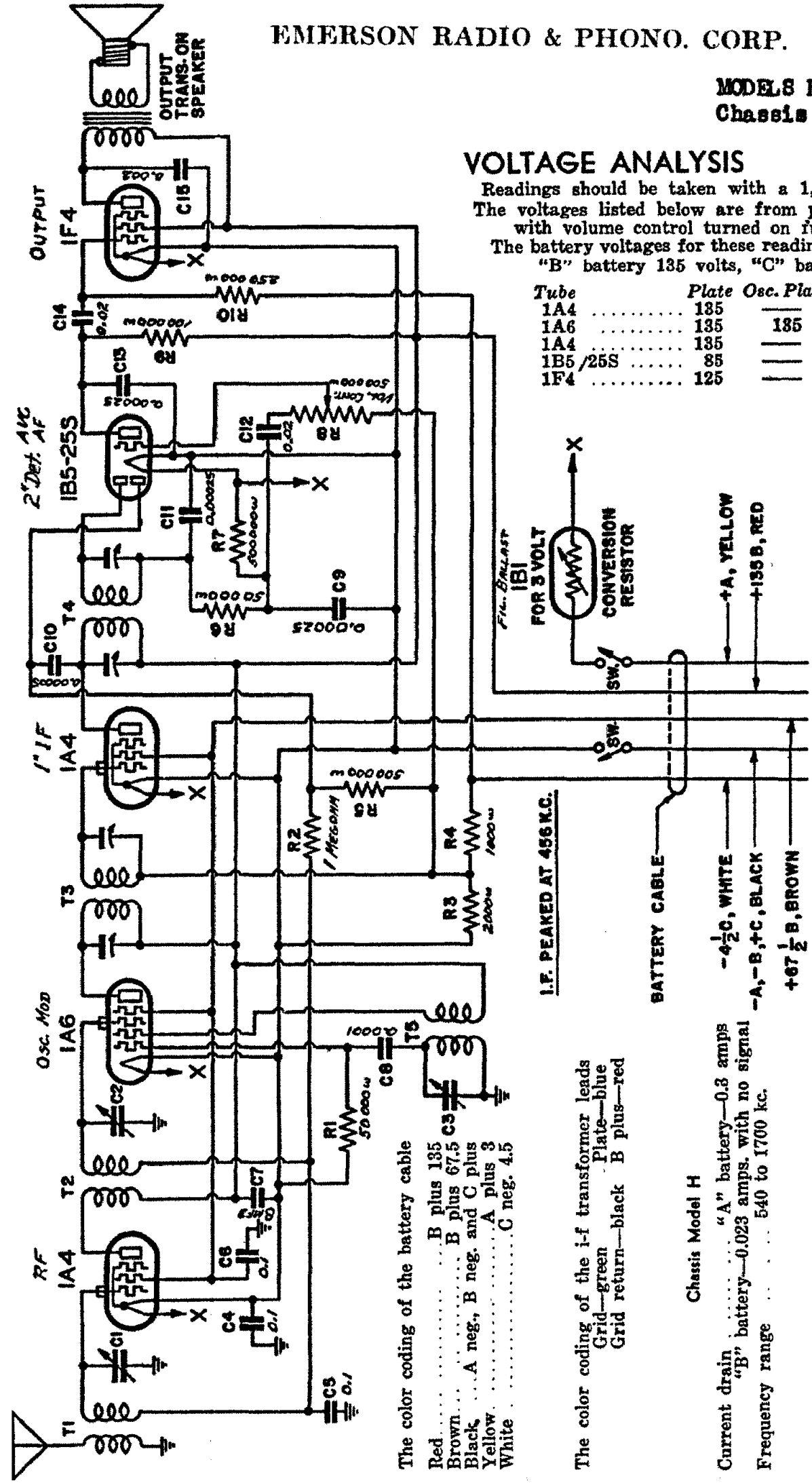
MODELS H130, H137
Chassis H

VOLTAGE ANALYSIS

Readings should be taken with a 1,000 ohms-per-volt meter. The voltages listed below are from point indicated to A minus with volume control turned on full and no signal.
The battery voltages for these readings "A" battery 3 volts, "B" battery 135 volts, "C" battery 4.5 volts.

Tube	*Plate*	*Osc. Plate*	*Screen*	*Fil.*
1A4	135	——	67.5	2.0
1A6	135	135	67.5	2.0
1A4	135	——	67.5	2.0
1B5/25S	85	——	——	2.0
1F4	125	——	135	2.0



The color coding of the battery cable

Red	B plus 135
Brown	B plus 67.5
Black	A neg., B neg. and C plus
Yellow	A plus 3
White	C neg. 4.5

The color coding of the i-f transformer leads

Grid—green	Plate—blue
Grid return—black	B plus—red

Chassis Model H

Current drain	"A" battery—0.3 amps
	"B" battery—0.023 amps. with no signal
Frequency range	540 to 1700 kc.

If it is definitely known that a 2 volt storage battery will always be used it is permissable and advisable to short-circuit the two heavy prongs on the 1B1 tube by connecting them with a short piece of bare wire. *Be sure that the two small prongs on the tube are free of this bare wire.*

Location of I-f Transformers and Trimmers

The first i-f transformer, part number 3HT-287 is in an oblong coil can located on the top of the chassis to the right of the speaker. The two trimmers for this i-f are accessible through holes in the top of the coil can.

The second i-f transformer, part number 3HT-288 is in an oblong coil can located directly behind the second i-f tube. The two trimmers for this i-f are accessible through holes in the top of the coil can.

The oscillator, antenna, and r-f trimmers are located on the top of the variable condenser. The oscillator trimmer is on the center section of the variable condenser, the antenna trimmer is on the front section of the variable condenser and the r-f trimmer is on the rear section of the variable condenser.