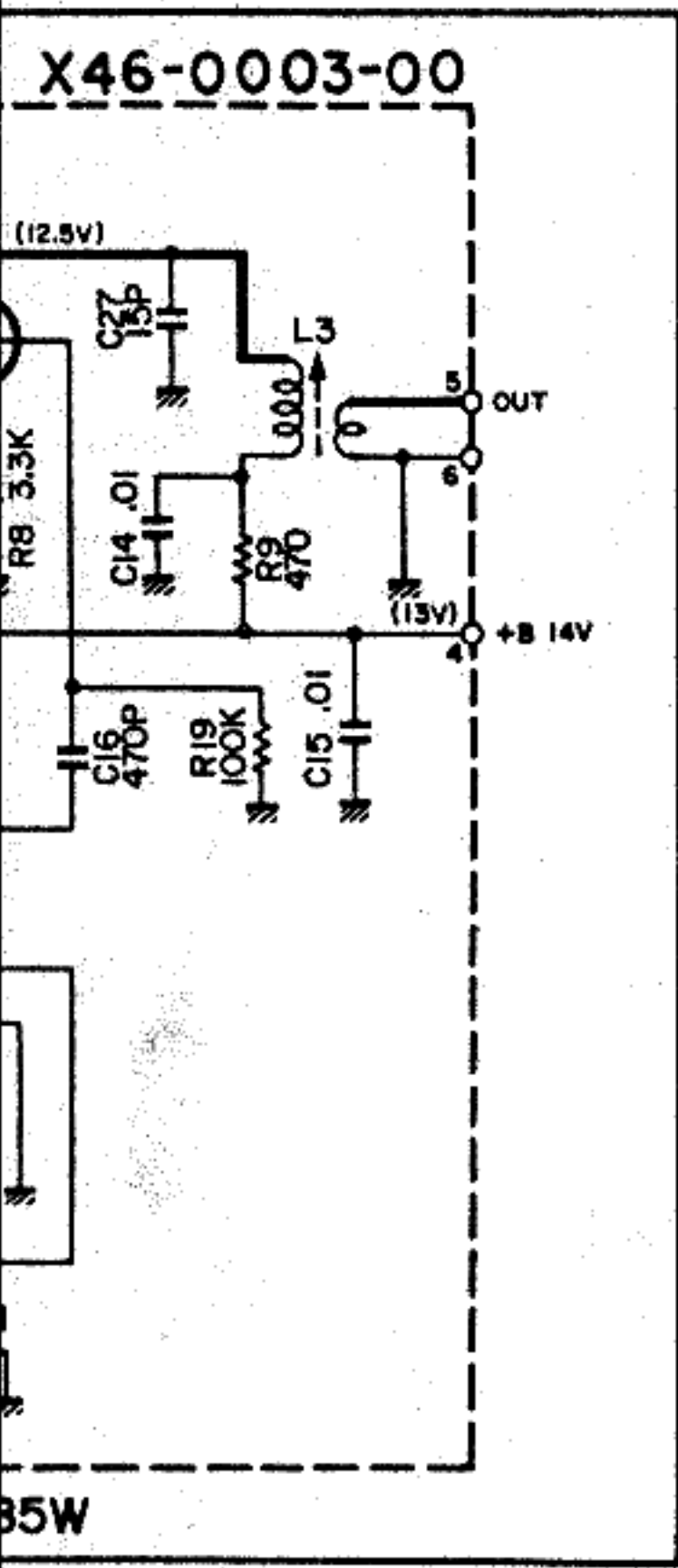
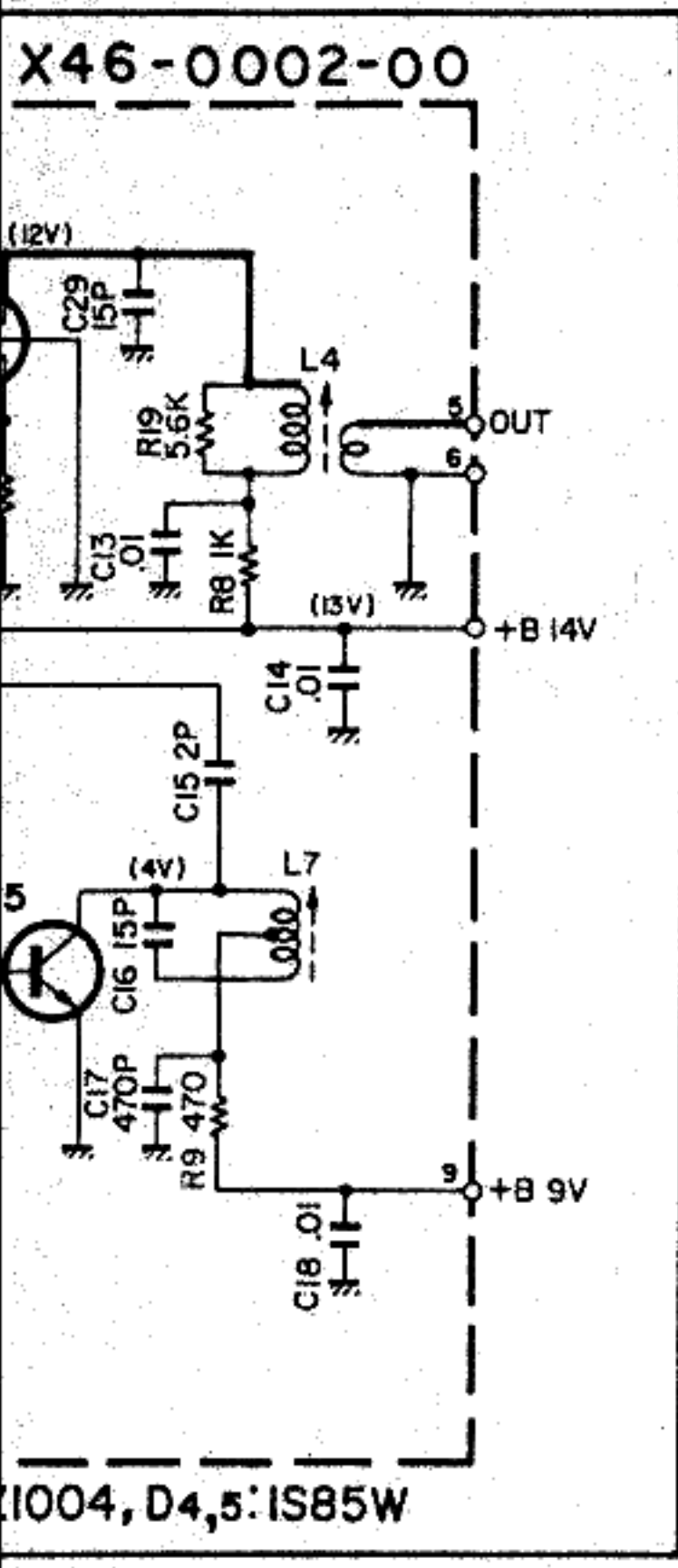


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SPECIFICATION

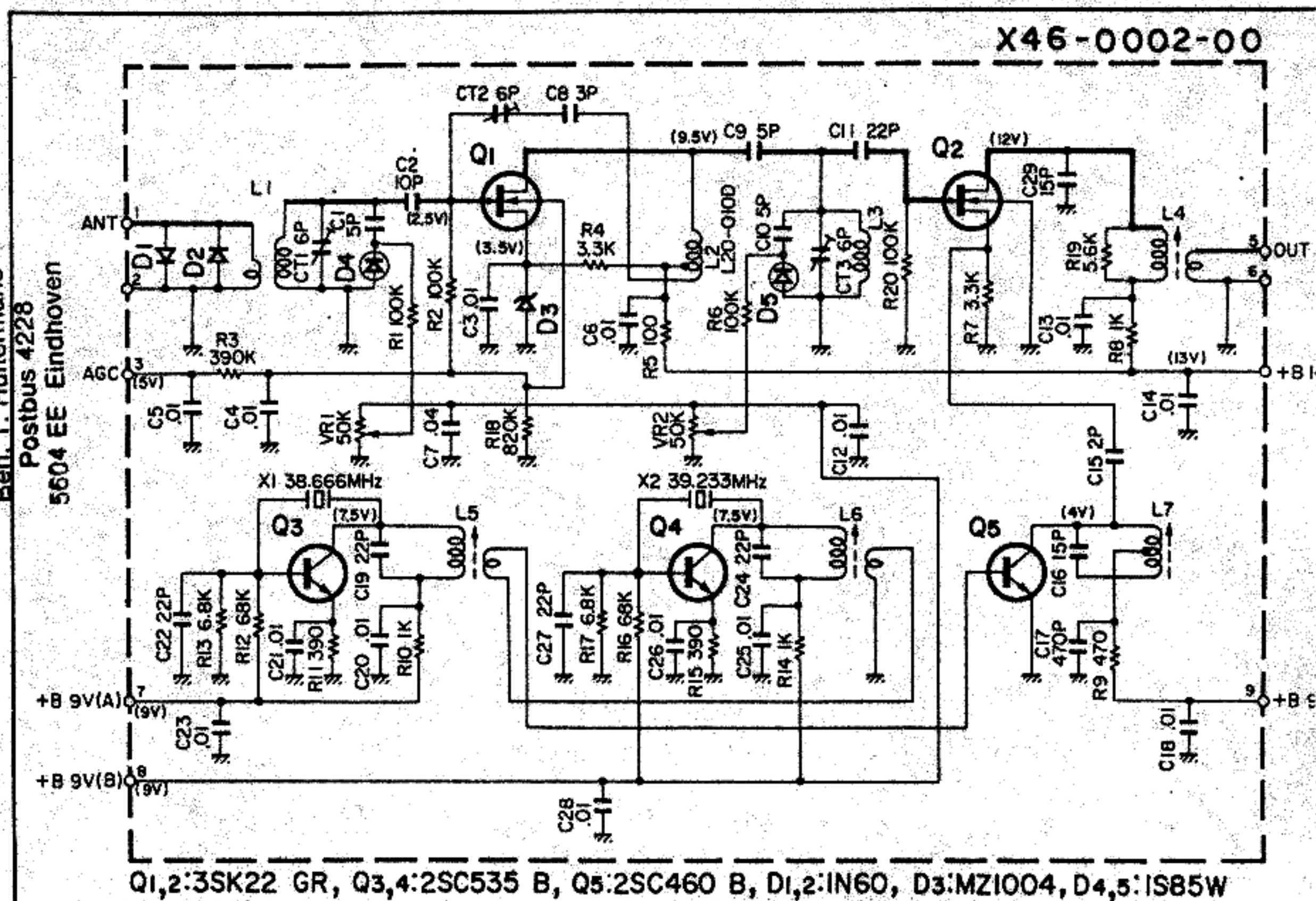
FREQUENCY RANGE	1.8 MHz BAND. 1.8 ~ 2.3 MHz 3.5 MHz BAND. 3.5 ~ 4.0 MHz 7.0 MHz BAND. 7.0 ~ 7.5 MHz 14.0 MHz BAND. 14.0 ~ 14.5 MHz 21.0 MHz BAND. 21.0 ~ 21.5 MHz 28.0 MHz BAND. 28.0 ~ 28.5 MHz 28.5 MHz BAND. 28.5 ~ 29.1 MHz 29.1 MHz BAND. 29.1 ~ 29.7 MHz CB BAND. 28.8 ~ 27.4 MHz 50.0 MHz BAND. 50.0 ~ 53.4 MHz 144.0 MHz BAND. 144.0 ~ 147.4 MHz WWV 10.00 MHz
MODE	LSB, USB, CW, AM, and FM.
POWER REQUIREMENTS	100/117/200/240 VAC, 50/60Hz 12 ~ 15 VDC.
POWER CONSUMPTION	Less than 15 watts.
AUDIO OUTPUT IMPEDANCE	4 to 16 ohms for speaker or headphones.
AUDIO OUTPUT	More than one watt (with less than 10% distortion) in- to an 8 ohm load.
ANTENNA INPUT IMPEDANCE	50 to 75 ohms (unbalanced)
FREQUENCY STABILITY	Within 100 Hz during any 30 minute period after warmup. Within ±2 KHz during the first hour after warmup. Within 2 KHz across the frequency range after calibra- tion at zero.
CALIBRATION ACCURACY	Not more than 400 Hz when the dial is advanced from 0 to 600 and returned to zero.
BACKLASH	Complete to 1 KHz calibrations on the dial scale.
FREQUENCY READOUT	Better than 50 db down when compared to 1µv.
IMAGE RATIO	Better than 50 db down when compared to 1µv.
IF INTERFERENCE	
SENSITIVITY * SSB	1.8 through 28 MHz Bands - Better than 0.5µv. CB Band - Better than 0.5µv. 50 MHz Band - Better than 1.0µV (with accessory converter). 144 MHz Band - Better than 6.0µv (with accessory converter) WWV Band - Better than 0.5µv.
AM	1.8 through 28 MHz Band - Better than 30µv. CB Band - Better than 3.0µv. 50 MHz Band - Better than 6.0µv (with accessory converter). 144 MHz Band - Better than 6.0µv (with accessory converter). WWV Band - Better than 3.0µv.
SELECTIVITY SSB	Better than 2.4 KHz bandwidth (6 dB down). Better than 4.4 KHz bandwidth (60 dB down).
CW	Better than 500 Hz bandwidth (6 dB down). Better than 1.5 KHz bandwidth (60 dB down).
AM	Better than 5 KHz bandwidth (6 dB down). Better than 12 KHz bandwidth (60 dB down).
FM	Better than 20 KHz bandwidth (6 dB down). Better than 120 KHz bandwidth (40 dB down).
AGC	Selectable automatic gain control for fast, slow, or no AGC.
SQUELCH	Built-in squelch.
VFO VERSATILITY	Versatile cross channel operation with T-599A trans- mitter.
FIXED FREQUENCY OPERATION	Built-in fixed frequency oscillator for single channel operation.
CALIBRATOR	Built-in 25 KHz crystal oscillator.
RIT	The receiver incremental tuning control can vary the receive frequency ±2 KHz or more.
METERING	Built-in S-meter S1 through S9 to 80 dB over.
SEMICONDUCTOR COMPLEMENT	8 FET; 2 IC; 30 transistors; 51 diodes; 2 zener diodes; 1 variable capacity diode.
DIMENSIONS	10.125" wide x 6.50" high x 12.25" deep.
WEIGHT	12.5 pounds, 21.5 pounds shipping weight.

* [All with a 10 dB (signal + noise)/noise ratio].

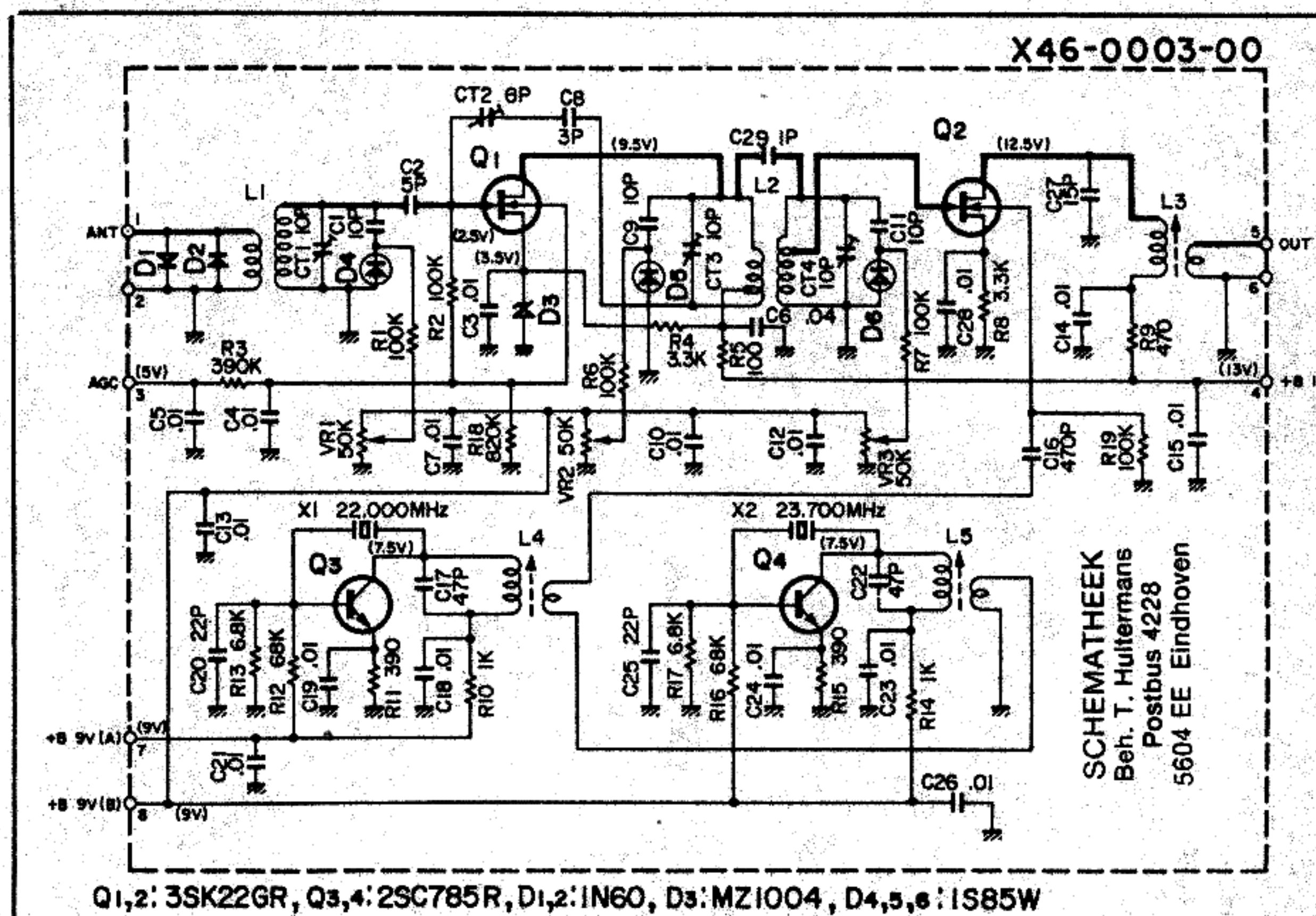
R-599A
KENWOOD

CC-29A 2m Xtal CONVERTOR

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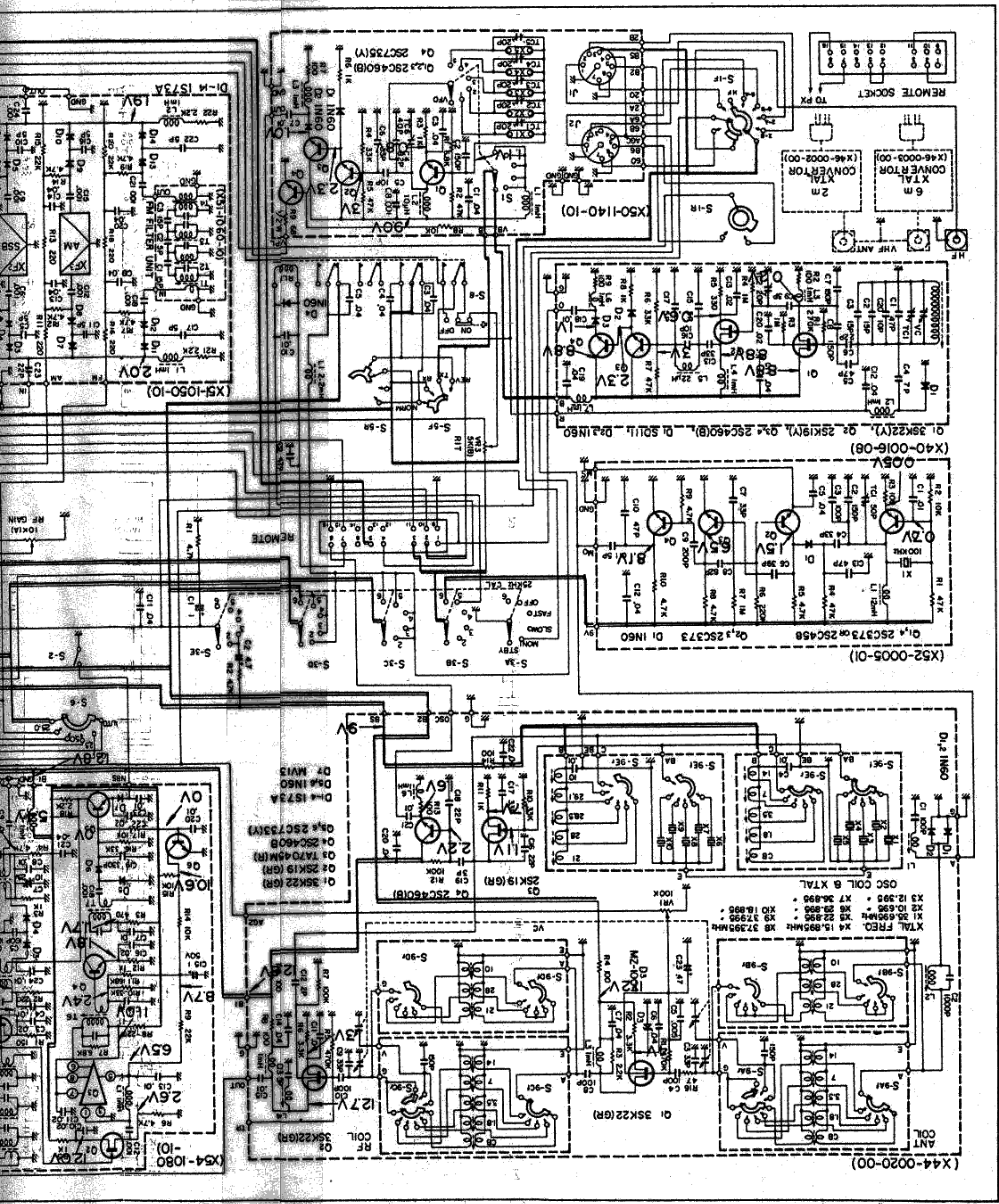
CC-26A 6m Xtal CONVERTOR



R-599A (K)

SCHEMATIC

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