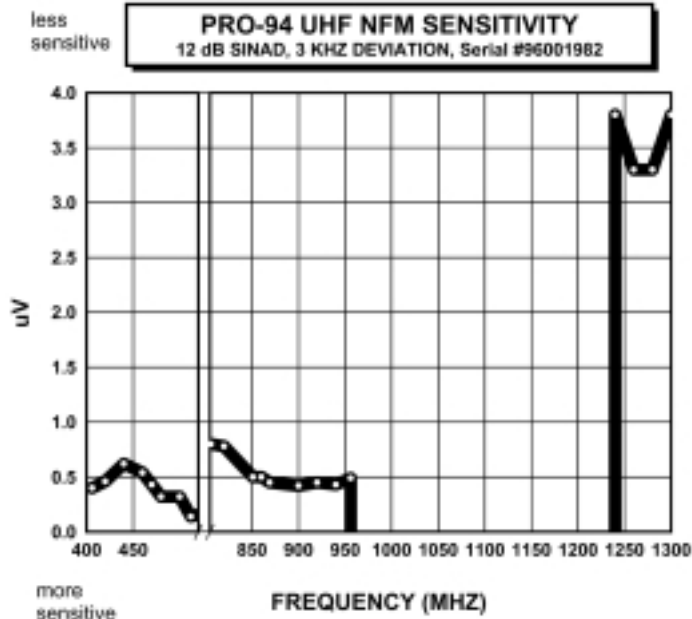
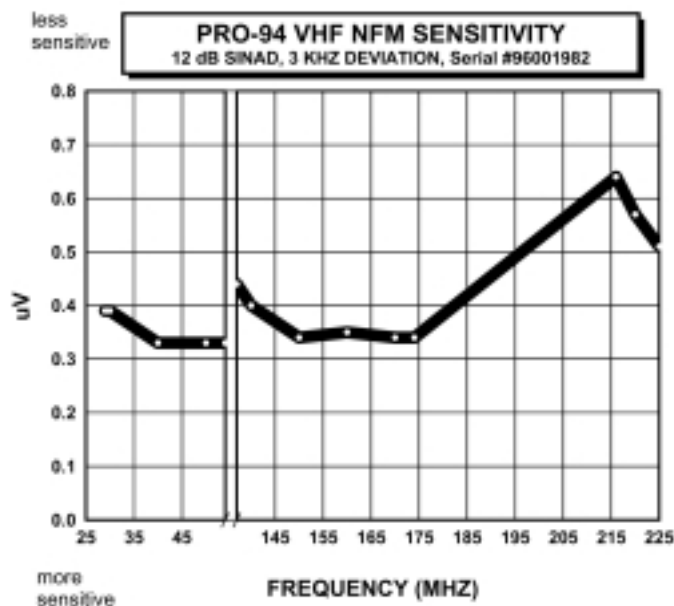




Measurements

Radio Shack PRO-94 Scanner S/N 96001982

List price \$299.99

Tandy Corporation
Fort Worth, TX 76102

Frequency coverage (MHz):

29 - 54 (5 kHz steps)
108 - 137 (AM, 12.5 kHz steps)
137 - 174 (5 kHz steps)
406 - 512 (12.5 kHz steps)
806 - 823.9875, 851 - 868.9875
896.1125 - 956 (12.5 kHz steps)
1240 - 1300 (12.5 kHz steps)

Sensitivity: see graphs

RF attenuator: none

FM modulation acceptance: 13 kHz

Intermediate Frequencies: 380.7,
10.85, 0.45 MHz

Image rejection:

41 dB at 50 MHz
60 dB at 155 MHz
78 dB at 860 MHz

Audio output power at earphone jack:

175 mW @ 10% distortion into 8 ohms

Practical memory scan speed: 63 ch/sec.

Search speed, Turbo: 182 steps/sec.

Search speed, regular: 65 steps/sec.

Current consumption at 6.0 VDC:

off - 0 mA
manual - 76 mA
scan - 78 mA
full volume - 153 mA
Battery saver: after 5 sec. in Manual.
Low battery warning at 4.54 VDC or less.
Shutdown at 4.27 VDC or less.

images while using a rooftop antenna at home.

Cell base station transmitters desense our PRO-94, sometimes causing it to "lose" the data channel of a nearby trunked system. The PRO-94 locks solidly onto talk groups when used in other areas.

Paging intermod is a problem in the 160 - 165 MHz range and TV audio breaks through in the 418 - 430 MHz range when connected to our outdoor antenna.

The top mounted squelch and volume knobs are easy to grasp and the backlight illuminates the PRO-94's display better than in the PRO-92.

Overall

The PRO-94 is a solid scanner, but not competitive at \$299.99. The 300 channel Uniden BC-

245XLT has an attenuator and computer port, can scan conventional and trunked systems sequentially, includes a proprietary NiCd pack, and may be found discounted near \$220. If you elect to buy a PRO-94, shop around or wait for a sale.

RadioMap™

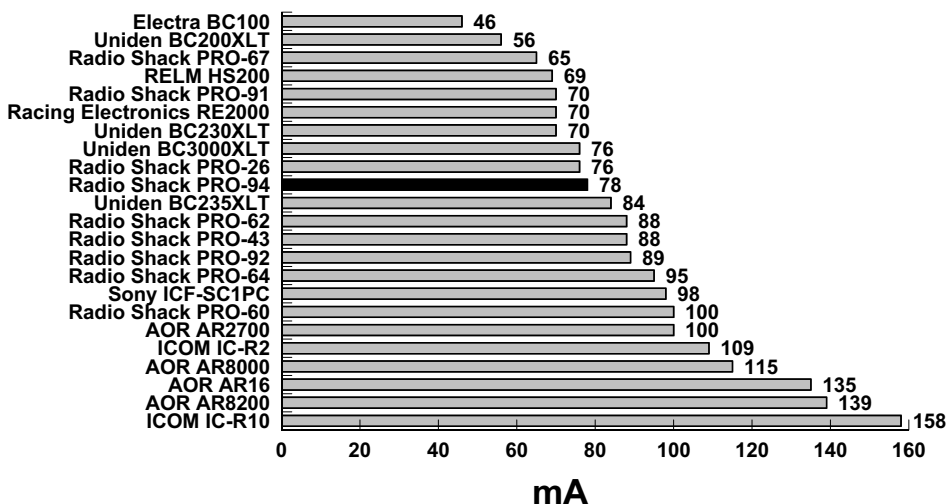
Transmitter sites in your area are researched and marked on a beautiful 11 x 17 full color plot. See FCC licensed sites from VLF through microwave plus selected FAA transmitter sites. Callsigns, frequencies, and names provided. Ham radio stations excluded. You choose the map center location - anywhere within the United States. We adjust map coverage for best readability. Deluxe report includes additional index by frequency and local spectrum occupancy chart.

Used by radio professionals and hobbyists since 1994 for identifying towers, sources of radio signals, interference, etc. Send nearest street intersection for map center and check for \$29.95 or \$39.95 (Deluxe report) payable to Robert Parnass.

Robert S. Parnass, M.S.

Radio electronics consulting
2350 Douglas Rd., Oswego, IL 60543-9794
www.megsnet.com/parnass

Portable Scanner Current Consumption Measured While Scanning



Note: One sample of each model tested.

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