

Expanded Frequency Coverage

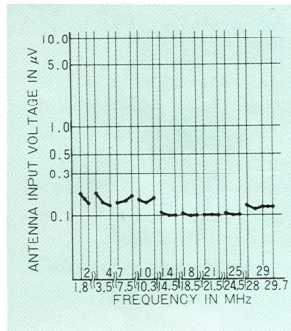
The TS-830S VFO covers more than 50 kHz above and below each 500 kHz band. The optional VFO-230 remote digital VFO covers about 100 kHz above and below each band, for MARS and other applications.

Other Versatile Provisions

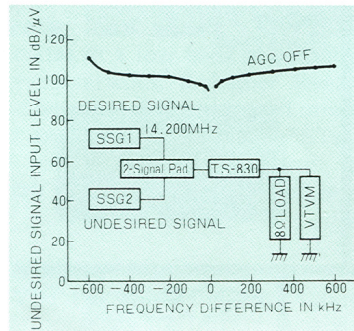
- Built-in 25 kHz Marker.
- Built-in AC power supply.
- Built-in VOX circuit for SSB operation and CW semi-break-in operation with sidetone.

- Switchable AGC circuit (SLOW/FAST/OFF).
- Built-in CW audio tone circuit.
- Built-in CW zero-Beat function.
- FIX channel switch.
- Multifunction meter (ALC/IP/RF/COMP/HV).
- LED indicators (RIT, XIT, RF ATT, VFO, FIX, and NOTCH).
- IF OUT-1 and IF OUT-2 terminals for SM-220 Station Monitor.

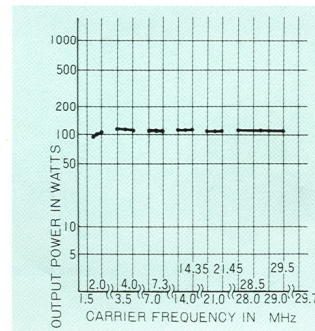
Receiver Sensitivity



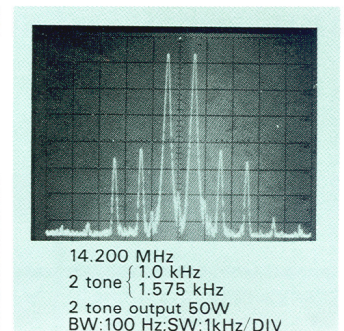
Sensitivity/suppression characteristics



Output Power (CW)



IMD Characteristics



TS-830S BLOCK DIAGRAM

CAR FREQUENCY		VFO FREQUENCY	
MODE	CAR ₁ (kHz)	CAR ₂ (kHz)	
USB	456.5	8831.5	
LSB	453.5	8828.5	
CW(R)	456.5	8831.5	
CW(T)	455.7	8830.7	

