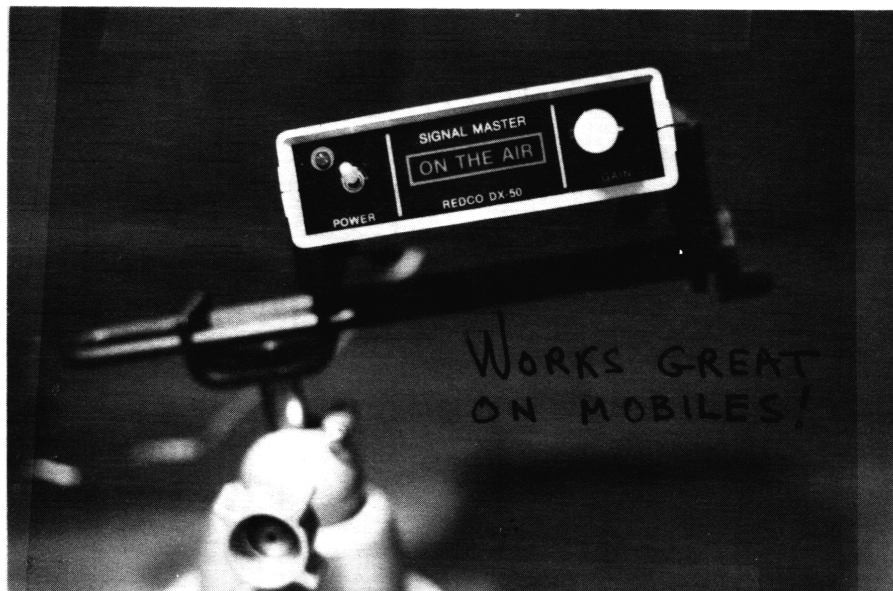


# DX-50 SIGNAL MASTER

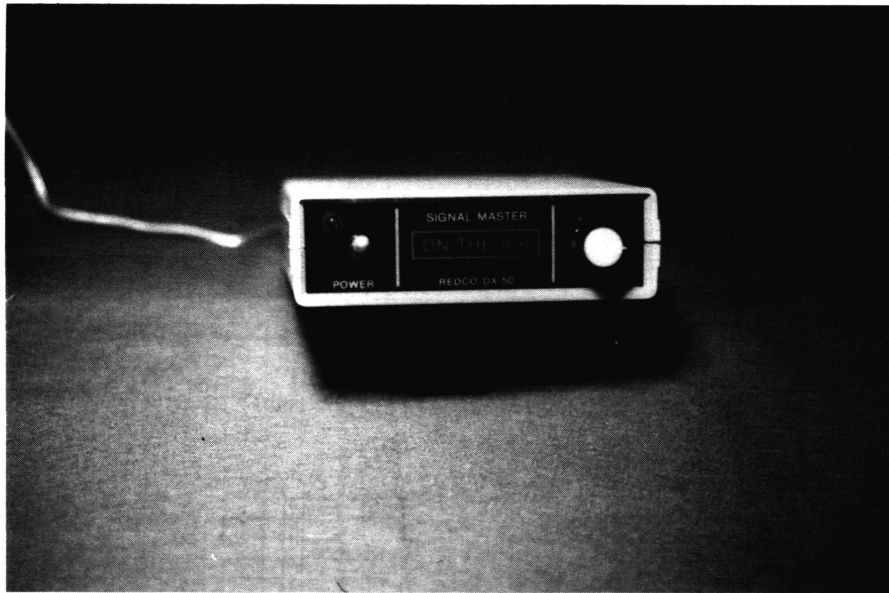


DX-50 GREATLY IMPROVES RADIO CAPABILITY ON RECEIVE



UP TO 5 S UNITS OR 30DB GAIN

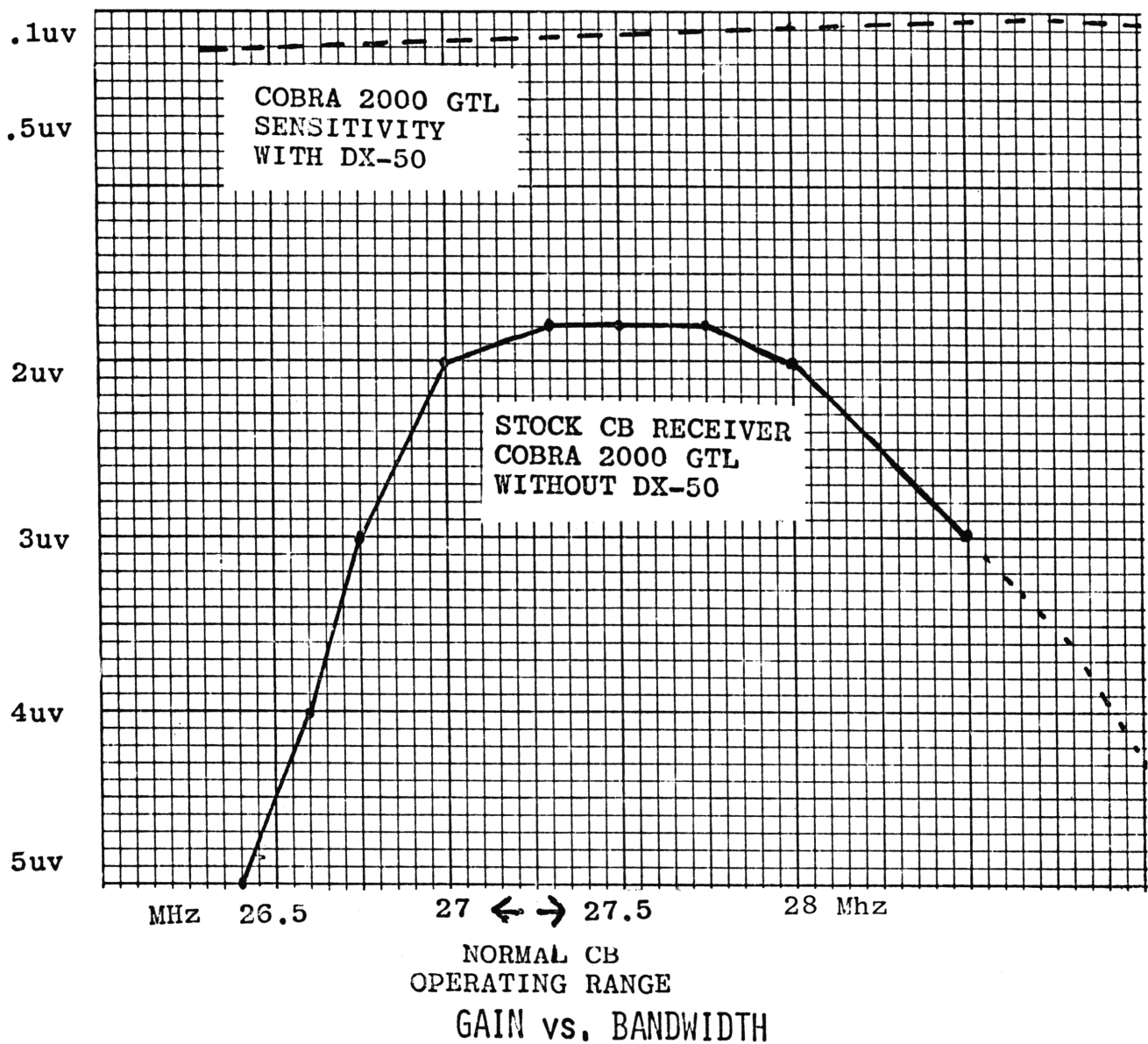
## WHY THE REDCO DX-50?



The DX-50 is a must for the avid CB operator who requires a broad-banded receiver. As shown in the chart, a typical CB receiver sensitivity curve is shown by the solid line. It can easily be seen that the receiver sensitivity decreases rapidly outside of the CB band. The dashed line represents the sensitivity curve of the same CB receiver with the DX-50 in line. The Automatic Gain Control (AGC) circuit in the radio tends to average the gain and this is the reason the curve flattens. The AGC circuit will reduce the gain on weaker signals. All things considered, the DX-50 adds the necessary gain to enhance receiver performance over a broad range of frequencies.

Along with a 28 db minimum gain factor, the DX-50 carries a 20 db minimum attenuation factor. The attenuator can be used to minimize bleedover and reduce the signal strength of nearby transmitters which would otherwise overdrive the receiver.

# DX-50 PERFORMANCE CHARACTERISTICS



## EQUIPMENT USED

Generator: Hewlett Packard 608F  
Receiver: Expanded Cobra 2000 GTL 8300 Series  
Pre-Amp: DX-50, Serial No. 001

## TEST CONDITIONS:

RF Gain: Maximum  
Mode: AM  
Modulation: 30% @400Hz