

ADDENDUM TO DATA SHEET 175.50

WJ-8617B-17 RECEIVER

FEATURES

- Low Noise Figure
4 dB maximum, 5 to 500 MHz
6 dB maximum, 500 to 1100 MHz
- Wide Tuning Range, 0.5 MHz to 1100 MHz
- Decade Tuning Resolution
100 Hz, 1 kHz, 10 kHz, 100 kHz, 1 MHz
- High Signal Monitor Sensitivity, -125 dBm Minimum Discernible Signal
- Remote Control Capability IEEE or RS-232
- Full Line of WJ-8617B Options Available
- Compatible With WJ-9075, 1 to 4.5 GHz Frequency Extender
- Antenna Transient Protection

DESCRIPTION

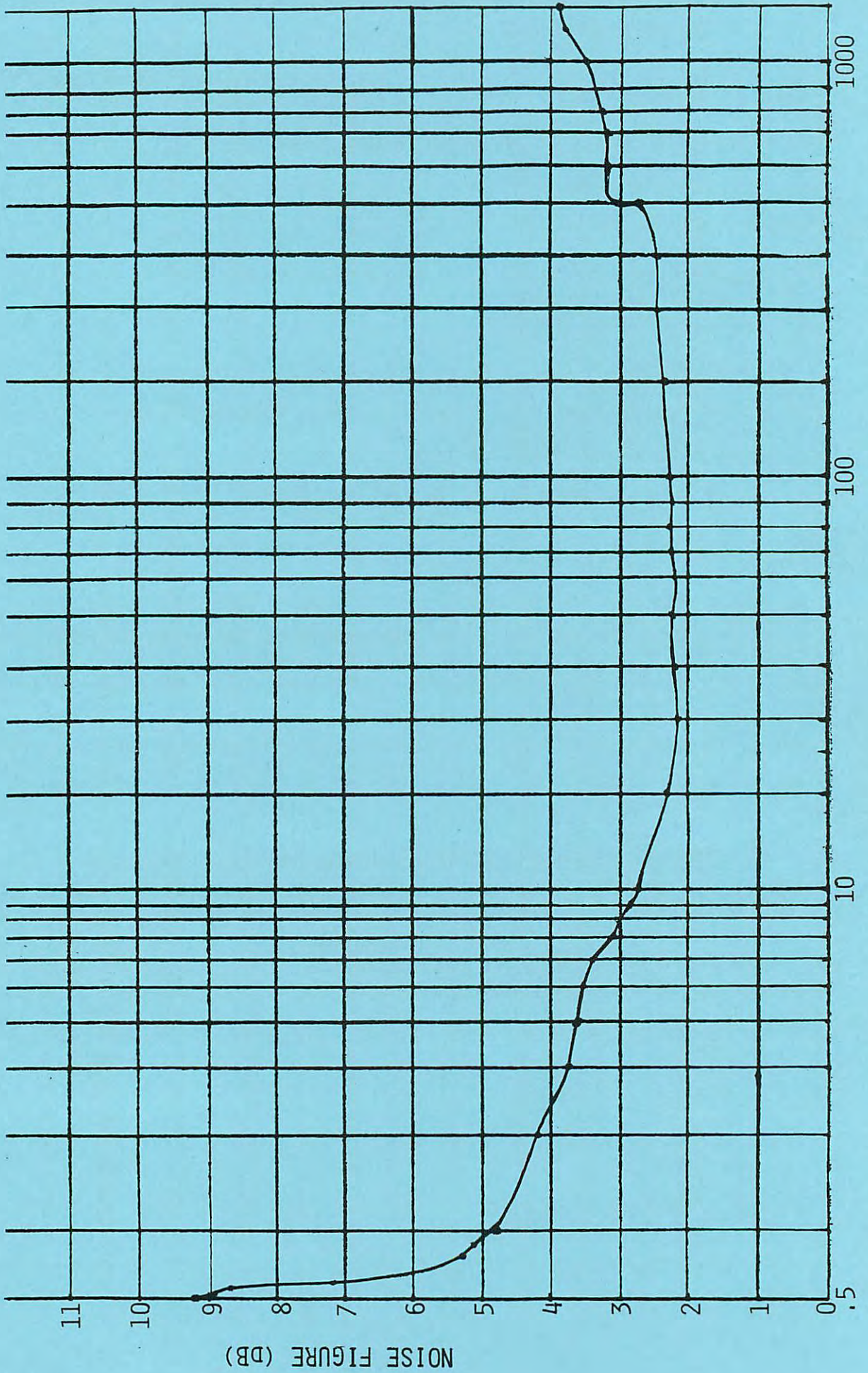
The WJ-8617B-17 Receiver is a specially modified WJ-8617B designed to perform EMI/RFI measurements. The addition of two low noise amplifiers in the RF front end of the receiver set the noise figure at less than 6.5 dB ensuring compliance to all applicable test limits. This added front end gain and sensitivity also increases the usefulness of the built-in signal monitor for low signal investigations.

All specifications for the WJ-8617B Receiver apply with the exception of noise figure and intercept points. The following items are standard on the WJ-8617B-17 Receiver: Low Noise Amp, LFE, FE, SM, and TUN.

TYPICAL IF BANDWIDTH CONFIGURATIONS (Others Available)

Bandwidth (kHz)	Maximum Shape Factor 3:60 dB Bandwidth	2 to 1100 MHz Typical Sensitivity (dBm)
3.2 kHz	3:1	-116
10 kHz	3:1	-112
20 kHz	3:1	-109
50 kHz	3:1	-105
100 kHz	3:1	-102
300 kHz	4:1	-95
1000 kHz	4:1	-92
2000 kHz	4:1	-89
4000 kHz	4:1	-86
8000 kHz	4:1	-83

WJ-8617B-17 NOISE FIGURE



FREQUENCY (MHZ)

NOISE FIGURE (DB)