

SPECIFICATIONS

RECEIVER

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| Sensitivity | Less than .3 microvolt for 10 dB signal-plus-noise to noise ratio for SSB operation. |
| SSB Selectivity | 2.1 kHz minimum at 6 dB down, 7 kHz ^{5 kHz} minimum at 60 dB down (3.395 MHz filter). |
| CW Selectivity (With Optional SBA-301-2 CW Filter Installed) | 400 Hz minimum at 6 dB down, 2.0 kHz maximum at 60 dB down. |
| Power Output | 2 watts with less than 10% distortion. |
| Spurious Response | Image and IF rejection better than 50 dB. |

TRANSMITTER

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| DC Power Input | SSB: (A3J emission) 180 watt P.E.P. (normal voice, continuous duty cycle). CW: (A1 emission) 170 watts (50% duty cycle). |
| RF Power Output | 100 watts on 80 through 15 meters; 80 watts on 10 meters (50 Ω nonreactive load). |
| Output Impedance | 50 Ω to 75 Ω with less than 2:1 SWR. |
| Oscillator Feedthrough or Mixer Products | 55 dB below rated output. |
| Harmonic Radiation | 45 dB below rated output. |
| Transmit-Receive Operation | SSB: PTT or VOX. CW: Provided by operating VOX from a keyed tone, using grid-block keying. |