

Table 1-1. Model 1306 Receiver, Performance Specifications

Types of Reception	AM, FM, CW
Tuning Ranges	30 to 60 mc 60 to 260 mc
Input Impedance	50 ohms (nominal)
Noise Figure	6 db (max.)
Image Rejection	45 db on low band (min.) 58 db on high band (min.)
IF Rejection	45 db on low band (min.) 70 db on high band (min.)
Signal-to-Noise Ratio	4 μ v produces at least 23 db S/N with 100-kc deviation, 1-kc modulation frequency, on 300-kc FM IF strip 4 μ v produces at least 20-db S/N on 10-kc AM IF strip with 50% modulation at 1 kc
IF Frequency	21.4 mc
IF Bandwidths	10 kc, 300 kc, 500 kc, 1 mc 2 mc
Outputs Provided	1. Four simultaneous low level video 2. One high level video 3. Panel speaker, headphones, or 600-ohm balanced audio output
High Level FM Output	Approximately 0.10 volt-per-kc signal deviation
High Level AM Output	Approximately 10 volts peak-to-peak for 500- μ v input modulated 50% at 1 kc
FM Output Stability	Varies less than 2 db for input above 10 μ v on low band and above 25 μ v on high band
AM Output Stability	7-db maximum variation for 40-db variation in input
Video Response	150 cps to 500 kc 1 Mc
Video Bandwidth Control	6 positions: 1, 3, 10, 30, 100, and 500 kc 1 Mc cut-off frequencies
Power Input	115 or 230 vac, 50 to 60 cps, single phase
Power Consumption	150 watts
Weight	46 pounds

CHANGE ALL REFERENCES FROM 1 MC IF BANDWIDTH
TO READ 2 MC

CHANGE ALL REFERENCES FROM 500 Kc VIDEO RESPONSE TO 1 MC