

AN/MSQ-114 Satellite Communications Control

Status: STD-A; NSN: 5895-01-102-6307

Reference: TM 11-5895-1136-24P-1

General Information

The AN/MSQ-114 is part of the GMF Satellite Communications Control System which is used to manage the satellite communication capability assigned to the satellite terminals operating within the tactical network. The primary function of the AN/MSQ-114 is to continuously monitor the transmission of the communications satellite to assure that all GMF network terminals are operating within the proper limits of frequency, power output, and channel capacity.

Technical Characteristics

Type of Service-----Orderwire communications with all network terminals for control and monitoring of GMF terminals

Frequency Range:

Transmit-----7.9 to 8.4 GHz

Receive-----7.25 to 7.75 GHz

Power Input-----120/208 V AC, 50/60 Hz

Power Source-----2 generators (60 kw)

Power Output-----100 W maximum

Antenna System-----1 20-ft parabolic

Set-up Time-----24 hours

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