

AN/MSQ-114
Satellite Communications Control

NSN: 5895-01-102-6307

Reference: TM 11-5895-1136-10

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 bandwidth.

Technical Characteristics

Type of Service	Orderwire communications with all network terminals for control and monitoring of terminals
Frequency Range:	
Transmit	7.9to 8.4 GHz
Receive	7.25 to 7.75 GHz
Power Input	120/208 V AC, 50/60 HZ
Power Source	two generators (60 kw)
Power Output	400 W max
Antenna System	120-ft parabolic
Set-up Time	24 hours

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