

View Online at <https://aerobasegroup.com/nsn/5840-01-383-4023>

End Application:

Western range instrumentation

Transmitter Band Quantity:

1

Transmitted Signal Frequency Rating:

Between 5.4 gigahertz and 5.9 gigahertz

Transmitter Channel Quantity:

1

Received Signal Frequency Rating:

Between 5.4 gigahertz and 5.9 gigahertz

Receiver Band Quantity:

1

Receiver Channel Quantity:

1

Installation Design:

Fixed

Special Features:

Transmitter, freq.Range 5.4 to 5.9ghz.; freq stability less than 100khz/h drift; fine tuning p/m 20hz; prf 160 and 360 p/s; peak power 2.8 mw; average powe () 4.8kw; power programming range(manual) 30db; pulse codes a and b; pulse width 0.25, 1.0, 2.4, or 5.0 microseconds; antenna, dia. 29ft.; parabolic cassegrainian, elevation over azimuth; polarization linear, vertical, and circular; gain 53db(with dielectric guide); beamwidth 0.38 degrees; receiver freq range 5.4 to 5.9 gh; freq stability, 1 khz relative to xmtr(skin), beacon 300khz/24 hr.; bandwidth 200 or 400khz and 1.0 or 4.0mhz; dynamic range 70db; r.F.Amps parametric and/or gaasfet; r.F. Loop gain 256(with 12db mod) ; computer, gould model sel 32/27

Relationship To Similar Equipment:

Simular to an/fpq-6

Supplementary Features:

Bc-band monopulse long range, high accuracy, trajectory tracking radar ; range tracking, nonambiguous range 32, 000 nmi.; slew rate 80, 000 yd/sec; acceleration 600 yd/s/s; tracking range 20, 000 yd/sec

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

T208-a