

AS0760-5/5 Dual Band Class A Solid State Amplifier

Model: AS0760-5/5 Dual Band Amplifier

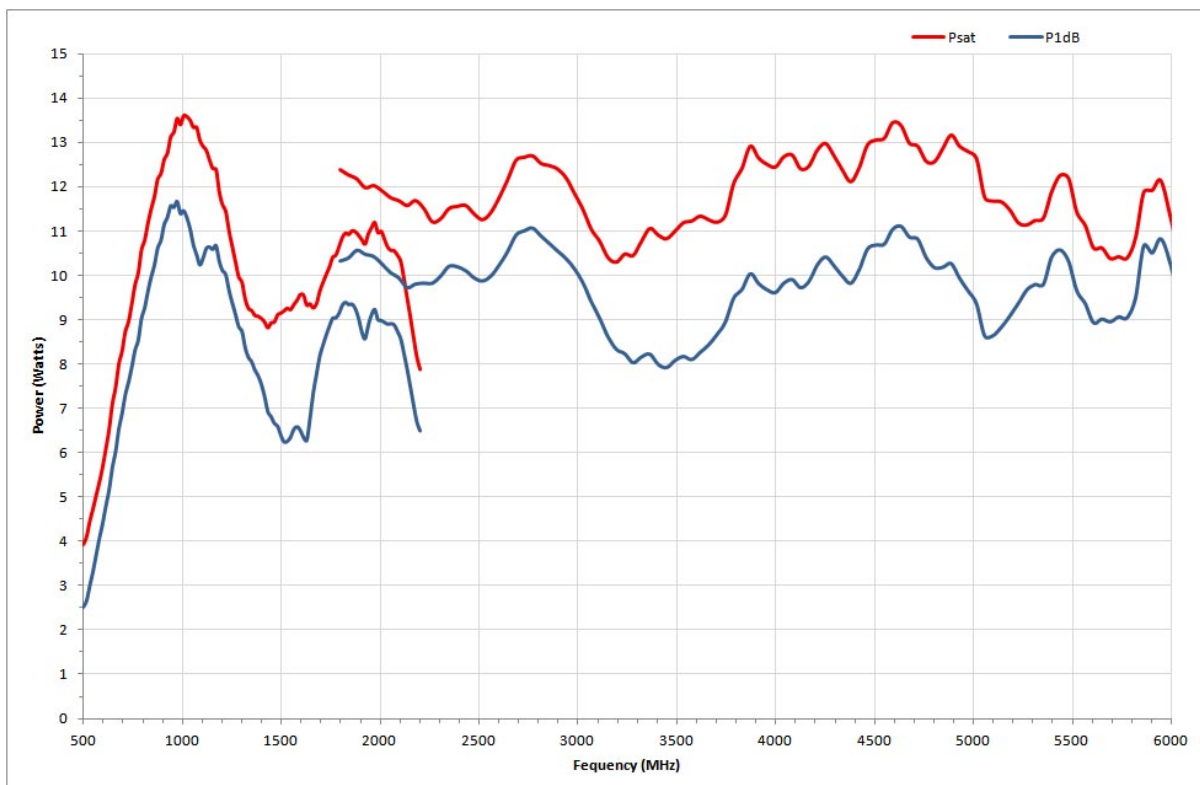


- ◆ Manual band Switch via front Panel
- ◆ Remote switching via RS232 Optional

The AS0760 series of solid state power amplifiers follows the MILMEGA tradition for compact, microwave power amplifier solutions with field proven reliability. Developed to cover the frequency band 0.7 - 6.0 GHz in two bands (0.7 GHz to 2.2 GHz and 1.8 GHz to 6.0 GHz).

Single input/ Single Output with switching via front panel.

Comes with the unique 5 year parts and labour warranty.



Amplifier Specification

System Parameters

0.7-2.0GHz

Power (Min) (Psat)	6.0W
Power (Min) (P1dB)	5.5W
Gain (min)	35.0dB

2.0-6.0GHz

Power (Min) (Psat)	8.5W
Power (Min) (P1dB)	7.0W
Gain (min)	35.0 dB

General

Harmonics	-15 dBc
Gain variation with frequency	+/- 1 dB
Input Power (no damage)	+10 dBm
Output VSWR tolerance	Infinite any phase
Stability	Unconditional
Output impedance	50 Ohm
Output VSWR	2:1
Input VSWR	2:1
Third order intercept point IP3	10dB > P1dB
Spurious	-70 dBc
Supply Voltage	90 to 264 Vac
Supply Frequency	45 to 63 Hz
Supply Power	200VA
RF Input	Type N female
RF Output	Type N female
Dimension	3U high, depth 527mm
Weight	10kg



Specifications subject to change without notice. MILMEGA is an ISO accredited Company. Products are designed and manufactured under strict quality and environmental requirements of ISO 9001.



RF/Microwave Amplifiers

MILMEGA Limited Park Road, Ryde, Isle of Wight PO33 2BE United Kingdom
Tel. +44 (0) 1983 618004 Fax. +44 (0) 1983 811521 sales@milmega.co.uk www.milmega.co.uk