

MODEL KAW5060
1000 WATTS CW
200 MHz - 500 MHz

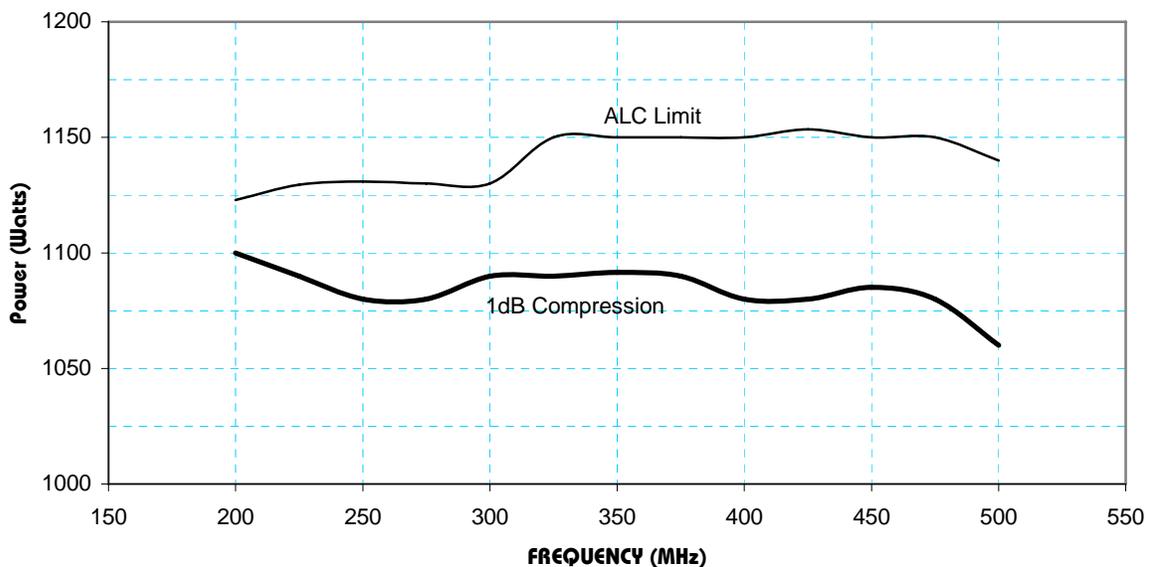
The Model KAW5060 is a Class AB wideband RF power amplifier system delivering in excess of 1000 Watts CW power into a 50-Ohm load over the frequency range of 200 MHz to 500 MHz. Power gain is a minimum of 60 dB. GPIB control requires the optional IEEE488.2/RS232 Interface Controller Module.

The system features forward and reflected power indication on a front panel-mounted, analog meter; Automatic Level Control (ALC); RF gain control; overdrive protection; full VSWR protection; input blanking, and over-temperature protection. On the basic model these features, plus remote power on/off control, are accessible for hard-wire remote operation through a 25-pin, D-subminiature connector. For a detailed description of these features refer to "SPECIAL FEATURES – KAA & KAW-SERIES SINGLE BAND RF POWER AMPLIFIERS".

The system comprises an Amplifier Unit, a Power Controller Unit and a Power Supply Unit. These are installed on telescoping slides into a standard, 19-inch equipment rack, 22 inches wide, 34 inches high, and 38 inches deep. The equipment rack is fitted with heavy-duty swivel casters. Each system component has integral forced-air cooling provided by highly reliable, impeller and/or tube-axial fans.

The Model KAW5060 uses switching-type power supply modules and operates from 187-265 V_{AC}, 47-63 Hz line. Power consumption is 5.5 kVA. The system may be placed in 'stand-by' mode with the BLANKING switch, which greatly reduces energy consumption and heat generation.

KAW5060 Typical Performance



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 REV A

