

Our RF & Microwave Amplifiers Give You An Unfair Advantage



Hybrid Power Solid State Modules & Benchtop Amplifiers

700 MHz to 6 GHz Single Band Units

Now you can have Class A designs when linearity is the driving force, as in EMC and wireless applications OR Class AB designs when increased power and efficiency is paramount for EW applications. Standard 6 GHz modular designs provide up to 50 watts P out while benchtops are capable of delivering up to 500 watts CW.



Dual Band Amplifiers

AR now offers the widest Class A solid state frequency range coverage in a single amplifier housing. Our widest bandwidth designs cover 0.7 to 10.6 GHz in a dual band configuration. These amplifiers come in a band split configuration from 0.7 to 4.2 GHz and 4 to 10.6 GHz. Output powers provide up to 80 watts for the lower band split while the higher band provided up to 20 watts.



Solid State Pulsed Amplifiers

0.8 to 4 GHz Pulse, Up to 150,000 Watts

For automotive and military EMC radiated immunity susceptibility testing, as well as radar and communication applications, there is now a very attractive alternative to Traveling Wave Tube Amplifiers (TWTAs). Octave and sub-octave bands.

AR's new offerings include various frequency ranges and output power levels to meet several standards, or designs can be tailored to suit your specific application.

"T" and "TP" Traveling Wave Tube Amplifiers

AR's microwave amplifiers give you more power and cover higher frequencies ("T" Series – TWTAs: 1- 50 GHz; CW 40 to 2000 watts & "TP" Series – Pulsed TWTAs: 1- 18 GHz; 1000 to 10,000 watts). These amplifiers are tailor made for various radiated immunity test applications according to MIL-STD-461, DO-160, and ISO.



Solid State 6 To 18 GHz Amplifiers

Single Band Class A Amplifiers Up to 40 Watts CW

AR's solid-state amplifiers covering the 6 – 18 GHz frequency range. Excellent gain flatness and ∞ to 1 output protection. Output powers of 20 & 40 watts available. Ideal for EW & radiated susceptibility testing.

www.arworld.us/advantage

ISO 9001:2008
Certified

We don't just build great products.
We build great products that last.



rf/microwave instrumentation

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