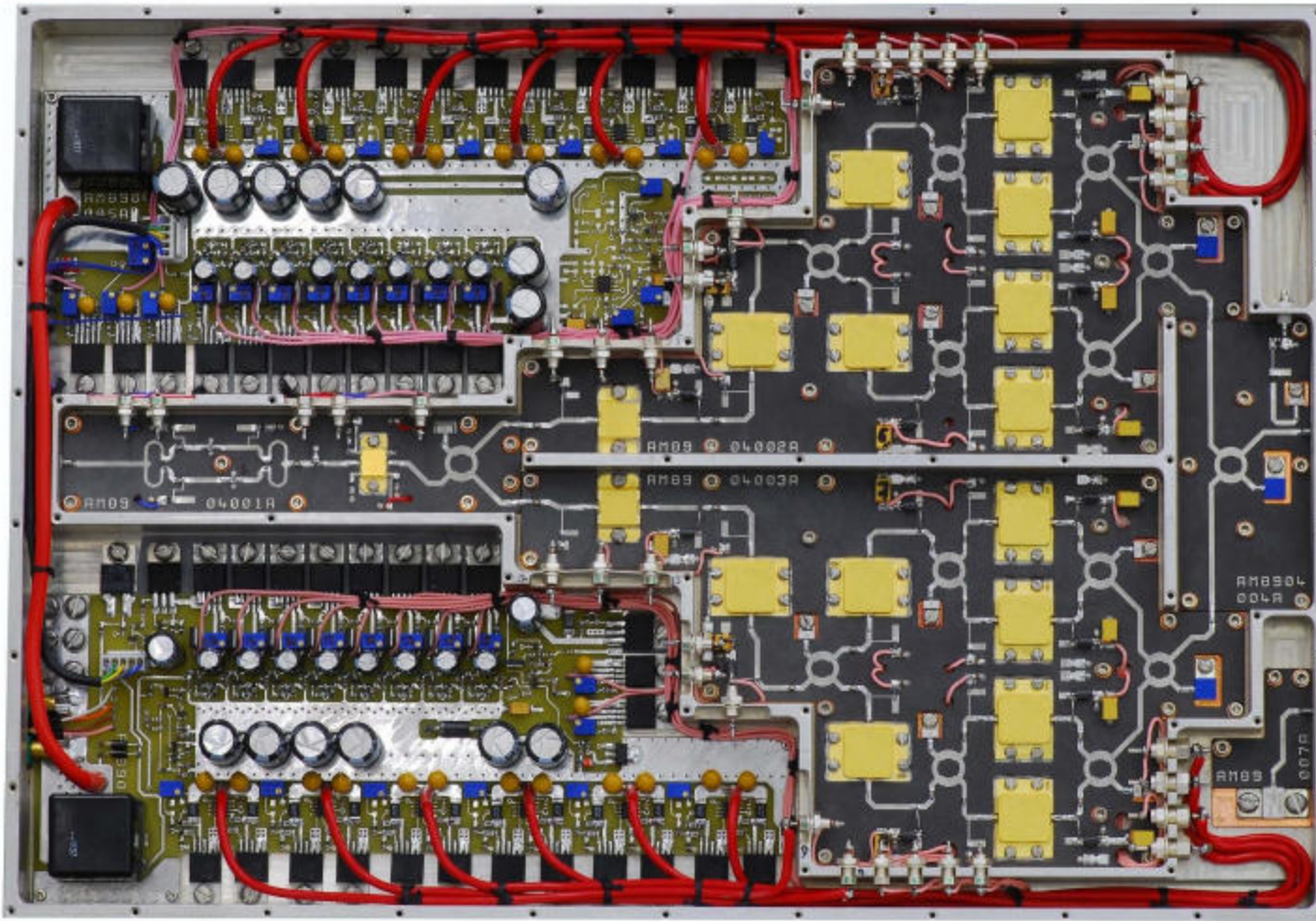


Introduction to Microwave Amps



microwave amps

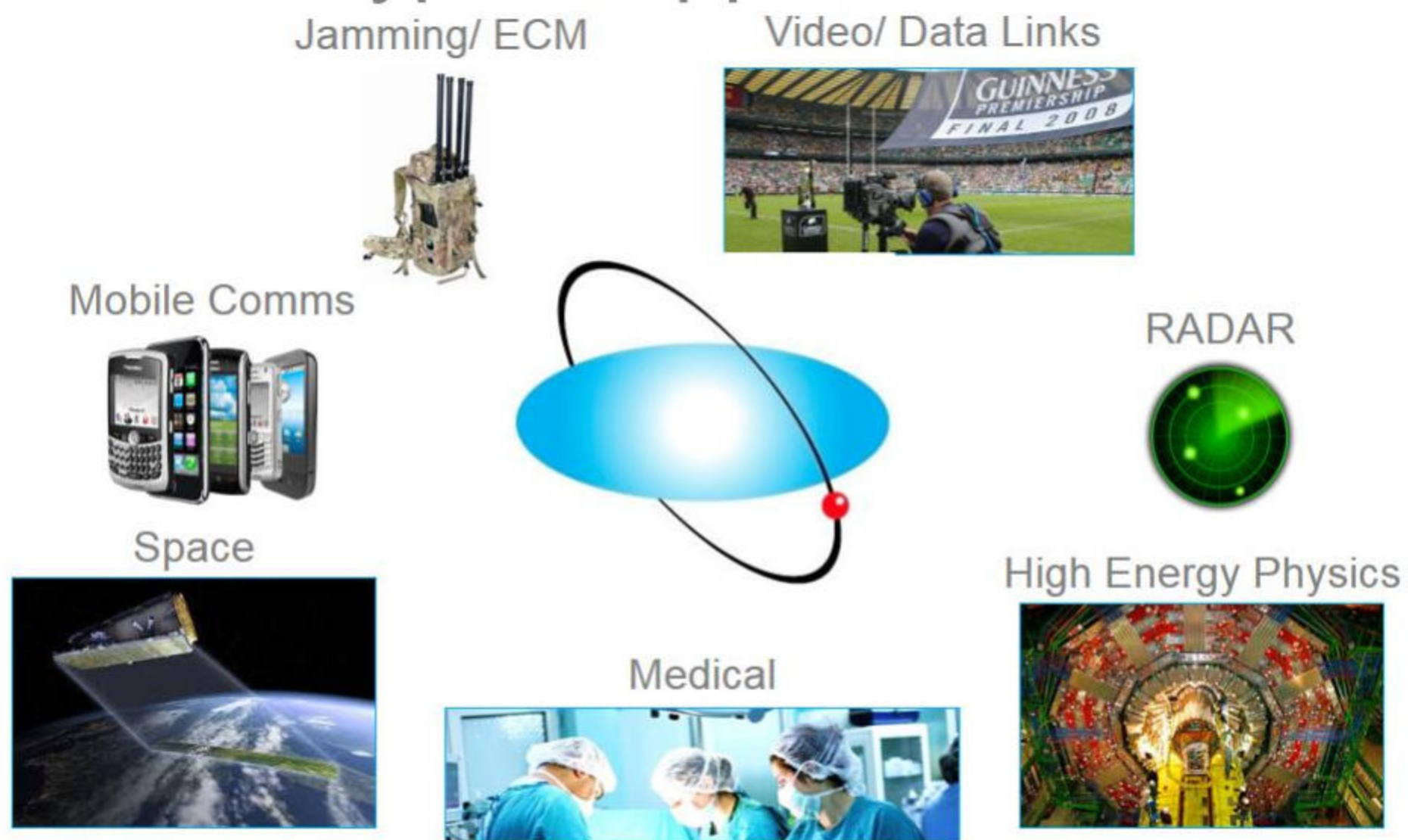
For **All** Your L, S, C, X-Band SSPAs

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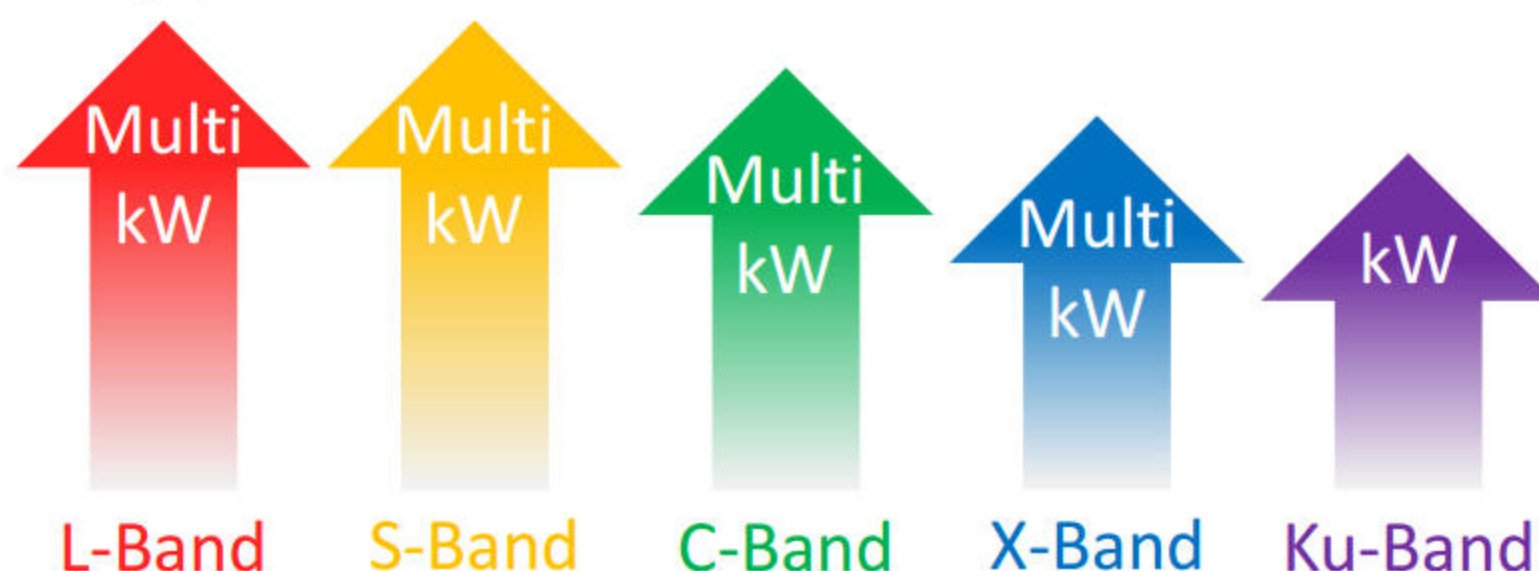
Introduction

For over 25 years, [Microwave Amps](#) has long been associated with the design and manufacture of cutting edge Solid State Power Amplifiers, [SSPAs](#), for applications in the [20MHz to 20GHz](#) frequency range. As semiconductor technologies advance, [SSPAs](#) are now viable alternatives for a whole range of applications previously serviced by Tube based solutions. [SSPAs](#) offer significant advantages, such as extended product lifetime, which in turn offers large reductions in cost of ownership over [10+ years](#). Low Voltage Operation, typically 10-50V DC, facilitates much simpler installation within a system, and as power densities increase, [SSPAs](#) are the [clear choice](#) for RF and Microwave Amplification.

Typical Applications



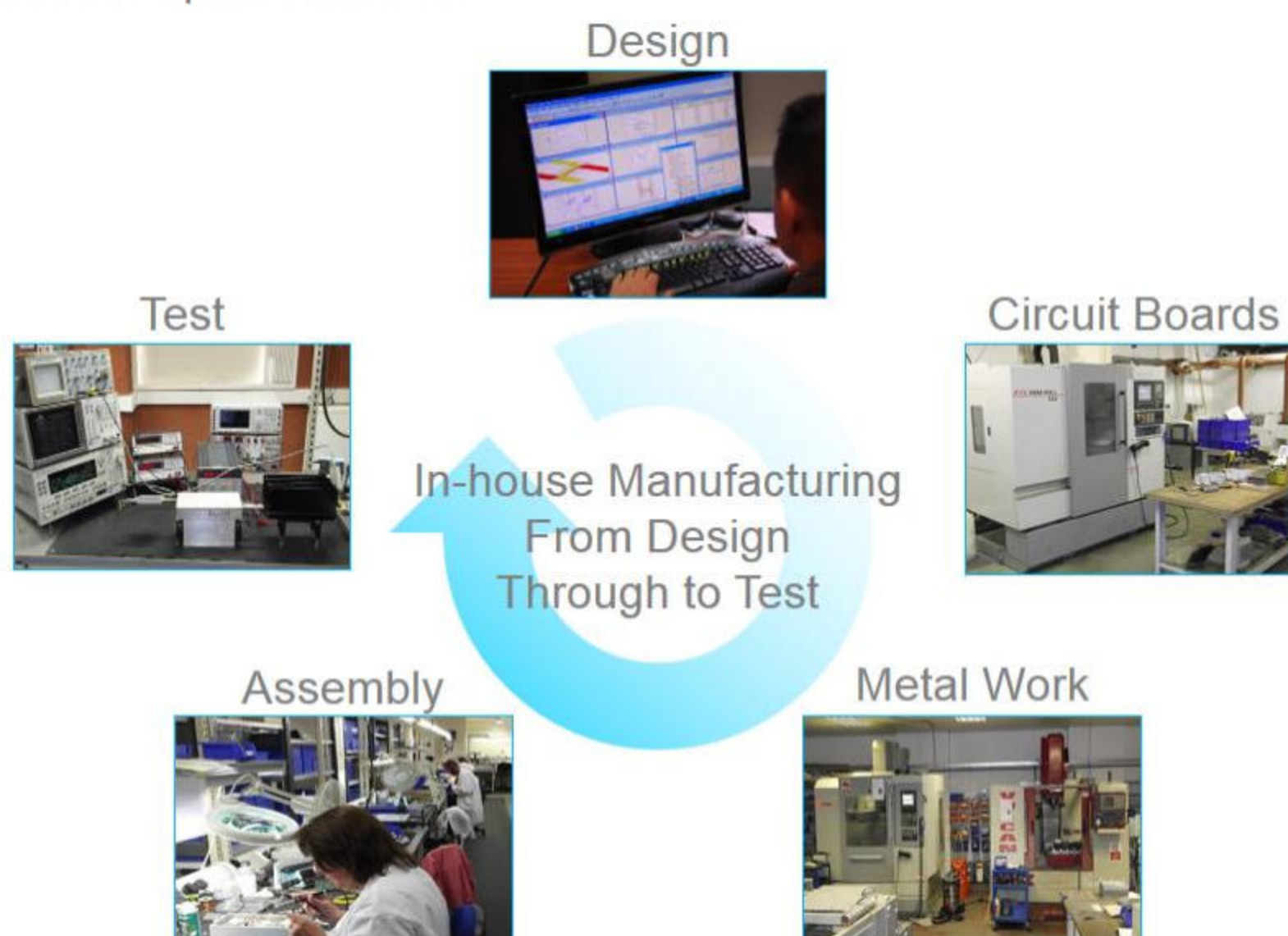
Typical SSPA Power Levels



Full In-House Manufacture & Test

At Microwave Amps, our philosophy is to be able to offer High Technology solutions other suppliers can't. For this reason all of our Design, Manufacture and Testing is done in house by our skilled technicians and engineers. This approach allows us to offer rapid prototyping, bespoke tailored solution, and products with quick time to market in timescales other vendors supply standard products.

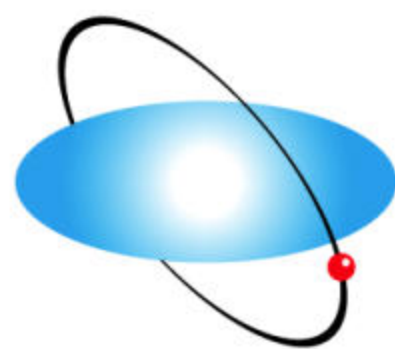
Our designers use the latest software to create RF layouts, Power Supplies and enclosures to meet the customers requirements. Circuit boards are thick backed copper or brass Duroid for superior heat and grounding, and along with the Aluminium Housings, are all manufactured and finished in our Metal Workshop using photo etch and precision high speed milling machines. Assembly of our products is done by our highly skilled technicians, who hand build and solder all the components. Finally, all products are 100% tested to ensure they meet our specifications.



Microwave Amps will continue to offer new innovative solutions for amplifiers in the frequency range 20MHz to 20GHz. Whether it is for a Pulsed, CW and Modulated carriers, up to power levels of 25kW, in AC powered Racks, or DC powered Modules, We have a solution for you.

If you have a requirement, please don't hesitate to contact us on sales@maltd.com or visit our website www.microwaveamps.co.uk

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