

Company Profile

Black Art Technologies (also referred to as BAT) is a company and brand operating alongside RFShop Australia Pty Ltd.

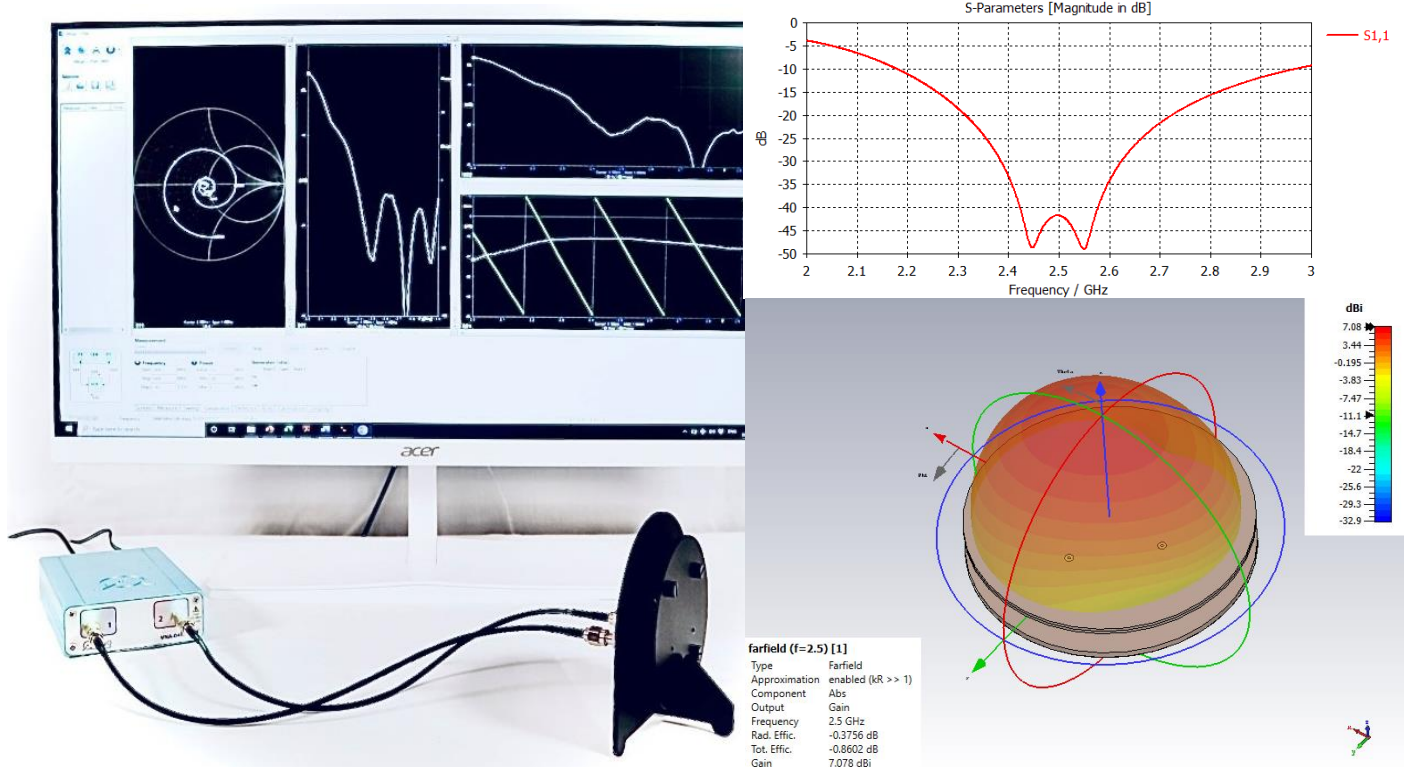
BAT is the technical service and design powerhouse within RFShop and develops and manufactures their own line of antennas.

A key focus of the team at BAT is to create a unique solution to common problems, not addressed by other products readily available. The focus is to expand further on our range of “[Made in Australia](#)” products, supporting local business and capabilities whilst also paying close attention to the needs of Australian end-users.

For all enquiries please visit <https://www.blackarttechnologies.com>, or send an email to enquiries@blackarttechnologies.com.

Services

The engineers at Black Art Technologies have a strong RF and Antenna Design background. Using [Simulia CST](#), BAT can assist customers with a wide range of RF simulation and design projects, ranging from custom antenna design through to Radiation Hazard or EMI / EMC studies.



Products

BAT's 1st generation designs consists of a range of Circular Polarised multiport 2.4GHz antennas.

The designs are RHCP for SISO, and RHCP / LHCP combined for the 2-port MIMO antennas.

Customisation of the antenna is available to suit a wide range of applications.

- Antenna Gain
 - Medium to High
- Polarisation
 - Circular or Linear
- Frequency Range
 - Narrow band to Ultra-Wideband (physical limitations to be discussed)
- Return Loss
 - -14dB or better preferred
- Radiation Pattern
 - Omni or Directional
- Integration into customer enclosure / radome preferred

