

**RFI**  
TECHNOLOGY SOLUTIONS

# RFI & Motorola Program Partnership







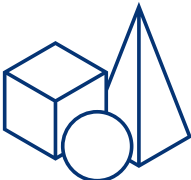

We understand that choosing your antenna systems is not something that is a game of chance. Transitioning to a different brand of antenna is not easy if you're familiar with the company or solutions.

To assist in this transition period, RFI has developed this quick aid to demonstrate our capability and support available to you.



## **Technology Solutions. On a global scale.**

*RFI is a global technology solutions company, specializing in wireless coverage. RFI has one of the largest, most innovative and experienced wireless solutions teams with dedicated engineers, product managers, deployment engineers, logistics, distribution and R&D staff. RFI supports its customers with manufacturing, distribution and warehousing across Australia, NZ, the USA and the UK.*

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| <p>Established in<br/><b>1979</b><br/>as a base station<br/>antenna<br/>manufacturer</p>                                     | <p><b>200+</b><br/>Employees Globally<br/>with<br/><b>40+</b><br/>engineers (including<br/>doctorate engineers)</p>  | <p><b>20</b><br/>years of<br/><b>PIM</b><br/>testing and<br/>compliance</p>                                 |
| <p><b>IEEE &amp;<br/>ITA</b><br/>Compliant<br/>far field antenna test<br/>range - Visited and<br/>certified by Motorola</p>  | <p><b>IE3D</b><br/>Modeling software<br/>utilized to expedite<br/>development</p>                                    | <p><b>200,000+</b><br/><b>sq feet</b><br/>of manufacturing and<br/>warehouse space<br/><b>Globally</b></p>  |



## **We've got a solution for you.**

RFI has been the preferred supplier to Motorola in the USA for 10 years, as well as Motorola networks around the globe. Most importantly we have a very comprehensive range of antenna system solutions.

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## **THE comprehensive range.**

RFI offers the complete toolbox for an antenna engineer with a comprehensive selection of PIP and PIM rated antenna system solutions to choose from. These antenna system solutions include:

**Exposed Dipole Arrays**  
**Meander Collinears**  
**Panel Antennas**  
**Antenna System Monitors**

**Corporate Collinears**  
**Yagi Antennas**  
**Tower Top Amplifiers**  
**Control Station Combiners**

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***Tailored antenna solutions with a range of gain, patterning and tilt options to suit any application.***

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## **OUR RANGE is just the beginning.**

RFI prides itself on not only offering a depth and breadth of product range, but supporting this with the resources to make your antenna system design even easier. These include:

- Dedicated pattern files for every antenna in our range
- Exclusive partner portal for Motorola with all information you need to make an informed decision
- Product files in Hydra

RFI tests base station antennas in the field at our dedicated, Motorola certified antenna testing facility, located in Victoria, Australia. The testing ensures that we can be confident our gain modelling is in line with real-world figures.

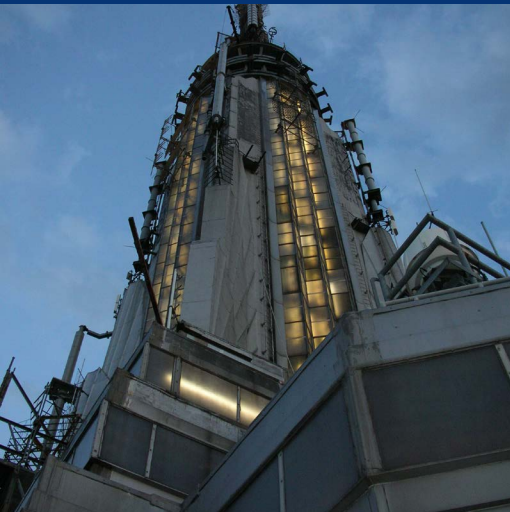
Various gain standards are used depending on the measurement frequency. The VHF and UHF standard gain antennas have been built in accordance with the established laboratory standard designs presented in TIA-329-C.

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## **Industry-leading solutions.**

- Patented Meander and Corporate Antenna designs offering best-in-class solutions, replicated every time.
- PIM hardened antennas for more than 25 years.
- Advanced test range ensuring modelling is in line with real world figures.





## Local Support on a Global Scale

We are the global antenna system specialists, with a dedicated US team providing sales and engineering support, backed by our global support team.

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## READY to ship to you.

RFI transitioned our antenna business from an exclusive distribution channel to direct in 2012 and committed to Motorola a dramatic improvement in lead time. Our Distribution Center located in Cleveland along with several million dollars in inventory have proved to be a successful combination as our on time to CRSD improved to >90% and has remained there for the past 4 years.

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## Antenna Transition

RFI prides itself on developing a customized range of antennas across all major global mobile radio bands, whilst developing a core line of unique solutions. By standardizing and producing a core offering of product, the following benefits have been achieved:

- Order process simplified for Motorola
- Antennas can be stocked rather than build to order. This not only enables quicker and more efficient delivery, but also ensures consistency in antenna system design across multiple sites
- Cost/price reduction due to increased run size

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## Motorola Product Support Portal

Due to recent and sudden developments, RFI worked with the SCT supplier liaison to create a cross reference which will provide the comparable RFI antenna part number next to Sinclair's as well as links to the brochures on the RFI Motorola Product Support Portal at [www.RFI-Motorola.com](http://www.RFI-Motorola.com)

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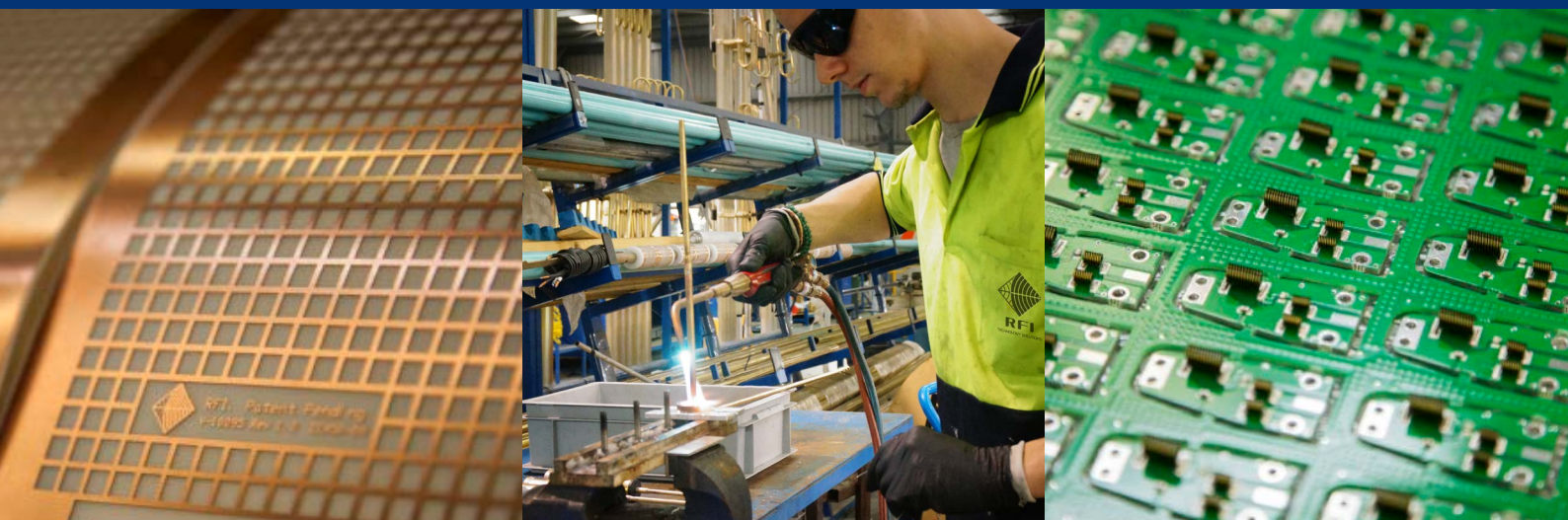
## Quality Management and Service

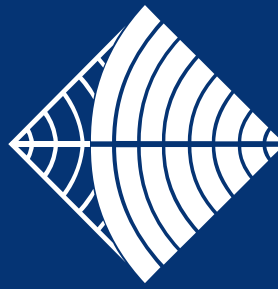
RFI operate within an accredited ISO 9001 Quality Assurance System, encompassing each facet of our business operation, but more importantly we appreciate that our role is to enhance the overall offering of our customers.

# Your Critical Link.

We understand that selecting the right antenna is a tough job. We have been manufacturing industry leading solutions since 1979, continuing to push boundaries in design and specifications.

- Over 2 million dollars in inventory in Cleveland ready to ship
- Dedicated portal for Motorola Engineering
- Product Data Files in Hydra
- Pioneers in PIM/PIP Antenna Design including VHF, UHF and 7/800 MHz
- Full suite of antennas including arrays, collinears, panels, coverage offset, bidirectional and omni-directional antennas
- PIM testing for over 20 years with complete line of PIM and PIP rated antennas
- World class design and Motorola certified testing facilities





**RFI**  
TECHNOLOGY SOLUTIONS

## RFI Americas

Phone: +1 330 486 0706

Email: [info@RFI-Motorola.com](mailto:info@RFI-Motorola.com)

Web: [www.RFI-Motorola.com](http://www.RFI-Motorola.com)