

# The RFM 1200 and RFM 980 Mission Statement.

**Our entry into the field of Mobile Antenna Systems. It is time to eliminate the need for compromise and sacrifice. RF Mogul offers it all at a very compromising price.**

Yes, it is so unusual for a manufactured product to have its own Mission Statement. But the reality is this product is so unusual. The RFM is very impressive with a long list of what it does do, but what should also surprise you is the extended list of the things it does not do.

So, let's start with a few of the things the RFM cannot do;

- 1> Birdbath – into a position where the antenna cannot physically return to a safe or stowed position. Ever!
- 2> Wrapped Cables – into that unidentifiable ball of colors and contortions that cannot be unwrapped. Ever!
- 3> Stretched or Popped steel wires requiring a full week of reading manuals and finding tools in hopes of repairing the antenna to 50% of the performance it had before the failure. Ever!
- 4> Potentiometer failures where accuracy, and wear spots render system performance to the point of uselessness. Requiring not only a untimely repair but a precise calibration to prevent Item 1, 2 and 3 from happening sooner. Ever!
- 5> Micro switches that loosen, wear, or corrode internally causing a myriad of intermittent sensor failures that require hours of troubleshooting. Then several more hours trying to place the new switch in the exact same position again praying not to create item 1, 2, or 3 and spending another week getting your mission critical Antenna system back online. Ever!

To make this clear and simple, the RFM uses Stall Safe mechanical stops on all Antenna Axis that can be driven into tens of thousands of times without doing any damage to the system motors, gears, wires, sensors and sealed magnetic switches. There are no (ZERO) sensor adjustments, or switch position critical components.

The RFM is the first commercial mobile antenna system that integrates electro-mechanical design into a durable unibody platform that removes the complications of service and repair with easy to access euro-style terminal wiring connections, a single GPS-TILT PCB that also includes mount position sensors in an area of less than 3 square inches and only requires 2 screws to remove and 4 wires to attach. Easy to access, quick to replace, and no adjustments or calibrations required.

If Emergency manual hand crank stow is required, that can be done from either end of the Azimuth base. Both Azimuth and Elevation.

What it can do? Find Satellites in minutes, peak to high resolution, hold its positions in strong winds, harsh environments, and extreme temperatures. Then repeat this performance year after year.

The RFM is the No-Brainer choice when quality, performance, durability, and serviceability are all important when selecting the right system for your company or personal use. Then top this off with a very competitive price you did not expect.

**Choose RF Mogul. Don't compromise. Buy it. It just might help you get promoted.  
This is our Mission Statement.**