Sunsight Instruments - Engineering the World's Finest Alignment Tools

The **AntennAlign Alignment Tool (AAT)** is a highly accurate alignment system used during antenna installation and maintenance. It measures alignment in azimuth, tilt, roll, and (optionally) AGL height. Installer friendly, it is simple to operate in awkward locations. A single person can measure and capture the results for a given antenna, instantly creating a permanent record of its alignment for accountability and traceability. After mounting the AAT, the installer adjusts the antenna until all position indicators align, tightens the mounting brackets, and presses the "capture" button. This records the final alignment specification along with latitude, longitude, installer, current date/time, and much more.

With Sunsight's AntennAlign Profile Manager

(APM) software, data integrity is assured. APM enables an end-to-end process which drives alignment parameters directly from the carrier's RF planning and optimization tools to the installer in the field, eliminating error prone hand-keying of RF datasheet values. Captured results from the AAT are then returned in encrypted format and used to update the RF database of record.

Sunsight Instruments—Ensuring the network you designed is the network you deployed!





AntennAlign Product Highlights

- Accurate and simple antenna alignment
- Reduces time required for microwave dish pathing
- Hardened for use on live antennas
- Multiple mounting options (stealth friendly)
- Gyroscope option when GPS satellites are obscured
- Front panel or web browser configuration and reporting of alignment data and captured results
- Long range Wi-Fi remote configuration and control
- LASER Rangefinder for measuring height
- Removable SD Flash memory card
- Standard rechargeable batteries / Alkaline backup

Quality Assurance Benefits

- APM data management processes ensure data integrity
- Accountability and traceability of alignment results
- Seamless integration with planning and optimization tools
- Realtime GPS Azimuth Quality Indicator (AQI)
- Reliable antenna certification audits
- Helps carriers meet performance requirements for locationbased services, such as E-911 and value added customer features

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