



Sunsight™
Alignment Solutions



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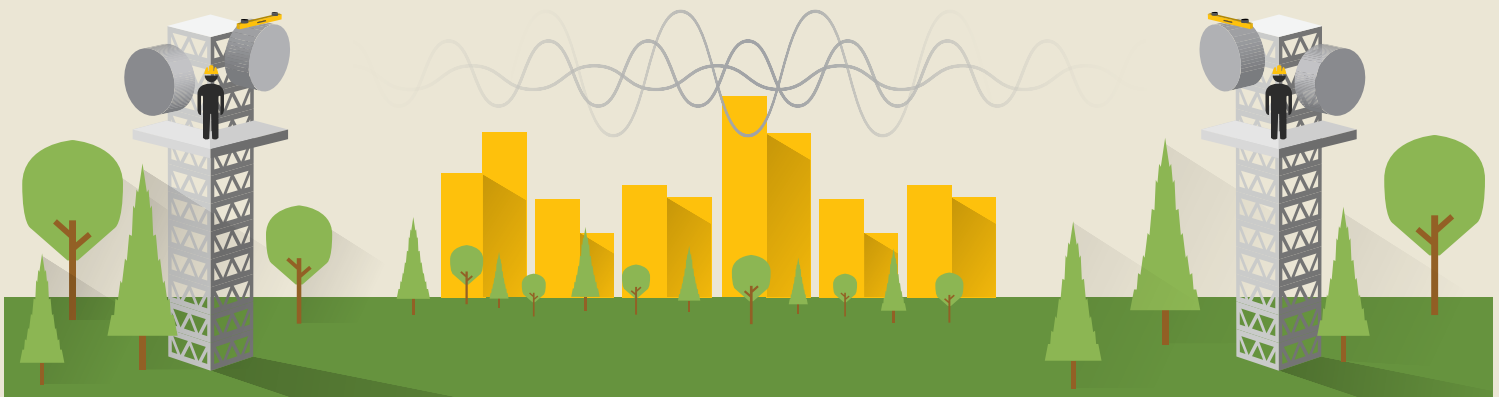
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Sunsight Microwave Path Alignment Kit

High-quality, Extremely Precise Microwave Path Alignment Solutions

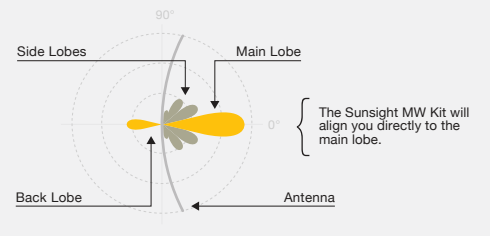
- ✓ Align Microwave backhaul antennas in minutes instead of hours or even days
- ✓ Each all inclusive kit includes two alignment units to allow simultaneous alignment of both sides of the link in minutes
- ✓ Azimuth, tilt, roll, height, and location (Lat/Long) captured into report for customer and government communication agency records
- ✓ No additional software, post processing, or cables are required
- ✓ Proven to align backhaul antenna links regardless of distance
- ✓ Powering down or removal of radio not needed for pathing microwave link
- ✓ Units can also be used independently for RF panel antenna alignment



The system automatically calculates exact alignment using known positional data in real-time and provides the user simple targets for aligning the link. No signal, power, or frequency is needed for Sunsight's innovative pathing process.

Technical Specifications

Accuracy:	AAT-15
Azimuth R99*	.45°
Azimuth RMS*	.15°
Tilt/Roll	.1°
Horizontal Position	30 cm (SBAS)
Vertical Position (MSL)	60 cm (SBAS)
Altitude w/ Laser Rangefinder	30 cm (AGL)
GPS Receiver	540 channel
Satellite Constellations	GPS and GLONASS
Battery:	
Type	LiFePO4
Life	9 hrs
Charge Time	1.5 hrs
Weight:	
Unit	4.5 lbs
Mount	4 lbs
Unit Dimensions	22.7"x3.8"x1.7" (57.6cmx9.6cmx4.3cm)
Environment and Connectivity:	
Op Temp	-40°C to 70°C (-40°F to 158°F)
Storage Temp	-40°C to 85°C (-40°F to 185°F)
Humidity	95%
Communications	802.11b,g,n
Output	PDF, CSV, HTML, Proprietary encrypted format
Memory	4 GB
Industry Certifications	CE and FCC



What's Included

Part #:	Description:
P/N 1015	Microwave Path Alignment Kit (Includes: 2 AAT-15 MW Aligners; 2 Hard Carrying Case P/N 7015, 2 IP68 Sunsight Rugged Tablets P/N 4200; 2 Universal Microwave Mounts P/N 2200)
P/N 2210 (Added Option)	Panel Antenna Upgrade Option for AAT-15 MW Kit (Includes: 2 Side Mount Kits)
P/N 3300 (Added Option)	Azimuth Scope Kit
P/N 3301 (Added Option)	Laser Rangefinder (Laser Tape Drop) — for antenna AGL height accuracy up to 1 foot

*RMS or root mean square is 1 sigma accuracy specification, R99 is 3 sigma (99.7%).