

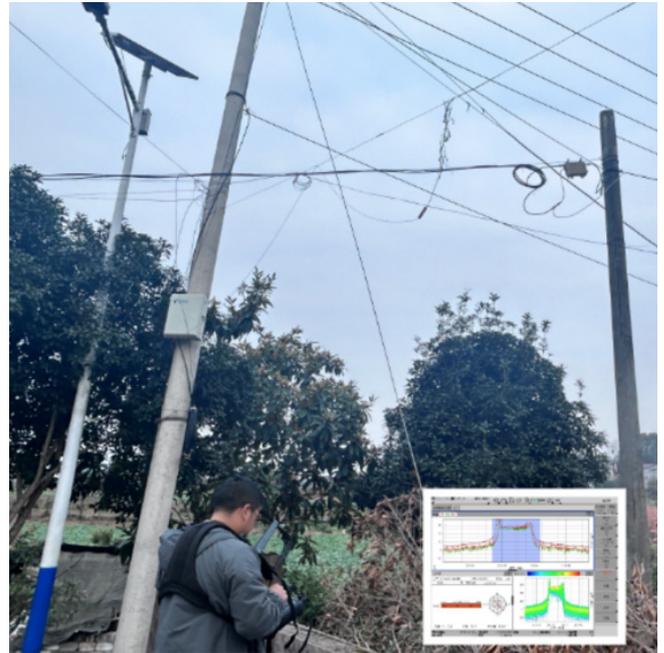
Narda SignalShark: Efficient solution for direction finding ensures flight safety

Zhangjiajie City Radio Monitoring Station received an emergency call from Zhangjiajie Hehua International Airport reporting significant disruption in the ground-to-air communication tower. This interference posed a serious threat to the normal operation of civil aviation, prompting a swift and well-coordinated response from the radio monitoring station.



Upon receiving the complaint, a technical team equipped with the advanced Narda SignalShark handheld receiver was immediately deployed to Lotus Airport. The engineers, leveraging the SignalShark's high sensitivity and wide intermodulation-free dynamic range, successfully located and addressed the interference, ensuring the safety of flight operations and communication protocols.

Facing challenges such as a weak interference signal, the engineers efficiently pinpointed the source of the disturbance utilizing a mobile monitoring vehicle and portable SignalShark equipment.



They identified a cable TV signal amplifier with electromagnetic scattering located 2 kilometers away from the ground-to-air communication radio station tower.



Following standard procedures, the technicians instructed the related department to dismantle the problematic amplifier, replacing it with a new TV signal amplifier. Subsequent confirmation with civil aviation authorities verified the elimination of the interference, restoring normalcy to air communication.

This incident underscores the swift and effective response of Zhangjiajie City Radio Monitoring Station and highlights the practical utility of Narda SignalShark in mitigating complex interference issues within critical aviation communication systems.

The fact-based approach employed by the technical team, coupled with the advanced capabilities of SignalShark, ensured a rapid and successful resolution, prioritizing aviation safety and operational integrity.

For more information about SignalShark and its capabilities, visit www.narda-sts.com



SignalShark Family: Handheld, Outdoor Unit, Automatic Direction Finding Antenna (ADFA), Remote Unit

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