

Ivory Coast Project Commissioned

Cote d'Ivoire, Africa

JAMPRO successfully installed, commissioned and integrated a complete nationwide FM & TV network for Cote d'Ivoire, Africa.

For the Ivory Coast, 27 sites were inspected, evaluated. FM & VHF systems were designed for maximize coverage. JAMPRO provide the entire system "after the transmitter." System products included rigid transmission line, dehydrators, patch panels, combiners, antenna systems and antenna support structures.

"We are satisfied with the entire project and that the customer is pleased," said Jampro's Alex M. Perchevitch. "There is always a possibility that problems may occur with multiple site projects, but the ones we encountered were minimal."

At some sites the system was refurbished rather than replaced. A more cost effective approach. Some sites' existing panels only needed their feed systems replaced and repaired. Power dividers, splitters and other components were redesigned, manufactured and installed for full operation.

Sidemount PENETRATORS and JCPD 4-dipole flat panel antennas were utilized for the FM sites to maximize coverage and keep windloading to a minimum on particular towers. Some sites required a combined system, 2 to 5 FM channels, which allowed broadcasters to transmit on the same antenna. The panels have low VSWR and good bandwidth combine several FM channels.

Multiple channel VHF Band III panels were used for TV so that they could be arranged around the tower to maximize market penetration, produce customized directional patterns, and have sufficient bandwidth to combine several channels onto one system.

61 TV Antennas Delivered to TVAzteca

JAMPRO completed a shipment of sixty-one broadband VHF and UHF antennas for TV Azteca, one of the largest broadcast networks in Latin America.

The VHF and UHF antenna systems were selected because of their durability and proven performance, quality and reliability. JAMPRO's sales and engineering departments worked with the engineers from TV Azteca to determine the appropriate configuration for effective market penetration and designed the systems to produce a variety of customized directional patterns.

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"We were very pleased to support TV Azteca by delivering on schedule," said Jim Olver, President. "The efficiency in which each system was designed, manufactured, tested and shipped was very impressive."

Band I and III panels were specifically chosen for VHF antenna systems because of broad banding characteristics, excellent VSWR and rugged construction ensure many years of dependable performance.

The JUHD UHF panels were specifically important because their modular design produces various azimuth patterns and excellent VSWR over Band IV/V channels. Pattern variation over the band is minimized through a feed system design that provides excellent performance regardless of the channel. Full fiberglass radome encloses each element, protecting the antenna from harsh environmental factors.