

CABLE AML NEWS

Phone 310.222.5599 / Fax 310.222.5593 / www.cableaml.com

UHF DIGITAL TV TRANSMITTER SYSTEM OPERATIONAL IN MEXICO

ABOUT CABLE AML



Cable AML is a world leader in Broadband Microwave Links, Wireless Internet Systems, Wireless Triple Play, and “Wireless Cable” or MMDS Systems operating in the licensed frequency bands from 1.5 GHz to 42 GHz.

Cable AML’s customers include the largest Cable TV companies in the US and Canada, virtually every major MMDS operator in the world, and a rapidly growing number of high-speed data operators from all over the globe.

A new UHF Digital TV channel started operation as Channel 20 in the town of Zacatecas (Mexico) with a transmission system designed and delivered by Cable AML.

The system delivered by Cable AML covers the complete RF transmission system from the Studio to the transmitter antenna. The system includes digital encoder, STL (Studio to Transmitter Link), UHF Transmitter and



Antenna transmission tower being erected at the site

transmission antenna.

The ATSC transmitter delivers 1KW RMS power. It incorporates state-of-the-art adaptive pre-correction technology to achieve high MER at high power while minimizing thermal stress, resulting in a rugged design with outstanding reliability and durability. It also comes equipped with multiple types of ASI input interfaces.

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View of the transmitter location (circle) relative to the main coverage area

The encoder accepts SDI/HDMI inputs from the studio and translates them to ASI format. Its modular design allows for additional slot for multiple input programs. The STL transports the Ai signal to the transmitter site, located on a high hill. The antenna system was configured to provide signal coverage tailored to the distinctive demographic and topographic profile of the city.

According to Mr. Armando Carrillo, “we are very happy with the quality of the hardware supplied and the excellent installation and commissioning support received from Cable AML, thanks to which we were able to install and start transmissions in a very short time”.



Turret structure to mount the UHF panel antennas