

Efficiency Pays for WELU

Transmitter Power

Juan Padin from JGP Engineering Group Corp in Arecibo, Puerto Rico has been working with Rohde & Schwarz equipment for the past 35 years. His first experience with Rohde and Schwarz was 35 years ago using test & measurement equipment in the Local Telephone Company on Puerto Rico and now has spent the past 16 years working with television transmitters.

Due to the unique geography of Puerto Rico, there are some challenges, but the biggest issue is the high cost of electricity. "Having the most efficient transmitter in the industry for any new installation here is the most important factor in choosing a transmitter for this area," says Padin.

A high efficiency TMU-9 television transmitter operates at 40% efficiency. Padin is already seeing the benefits in efficiency in Puerto Rico, but what he found most impressive was the increase in picture quality. "The improvement in picture quality for the viewers at home is incredible, the station could not be more happy," continues Padin. "The whole experience has been fantastic, the installation took only 2 days and the Rohde & Schwarz staff are all great people – extremely professional."

Rohde & Schwarz has always represented the highest quality available in the market, but thanks to the simple design of the hardware and software user interface, which is the same across the entire transmitter family, it makes training and maintenance extremely straight forward and cost effective. The TMU9 has now firmly established itself as the industry leader in power efficiency, signal quality and now also represents the best value for money with the lowest cost of ownership.

Padin concludes, "I think a lot of people know Rohde & Schwarz manufactures the best transmitters, but don't feel they can afford to purchase one. Let me tell everyone now, they couldn't be more wrong!"

