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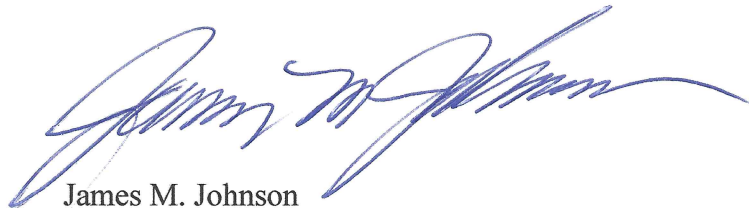
WAFZ(AM) Antenna Impedance Measurement

This is to certify that I measured the antenna impedance at WAFZ (AM), Immokalee, Florida after the installation of the single bay FM translator antenna and transmission line for W263CJ on the tower at the authorized site on October 2, 2016.

The WAFZ(AM) tower is a grounded structure with a Folded Unipole feed system. There are several Cellular and other antennas located on the tower. The FM Translator antenna and transmission line are grounded to the tower leg.

Upon completion of the FM Translator installation, The AM Impedance was measured with a calibrated Delta OIB-3 RF bridge and found to be unchanged from the licensed value.

I am a broadcast engineer with over 40 years of experience in AM and FM radio engineering. I specialize in RF systems with an emphasis on antennas. My experience includes installation of numerous antenna systems, including directional and non-directional systems.



James M. Johnson