

**HUMAN EXPOSURE TO RADIOFREQUENCY ELECTROMAGNETIC FIELDS
COMPLIANCE STATEMENT PREPARED BY WILLIAM T. GODFREY, JR. OF THE
FIRM KESSLER AND GEHMAN ASSOCIATES, INC., TELECOMMUNICATIONS
CONSULTING ENGINEERS IN CONNECTION WITH A MINOR MODIFICATION OF A
LICENSED FACILITY FOR FM TRANSLATOR APPLICATION (BLFT-20080214AGV)
HAVING CALL SIGN W209BW AND LICENSED TO JVC MEDIA OF FLORIDA, LLC.**

ENVIRONMENTAL IMPACT

The proposed W209BW Channel 212 FM translator facility shall have no significant environmental impact as defined in §1.1307 of the FCC Rules. The FM transmitter, transmission line and antenna system shall produce a horizontally polarized ERP of 0.25 kW and a vertically polarized ERP of 0.25 kW (Circular Polarization). It was determined that the maximum lobe of radiation shall occur at 65.5 feet from the base of the tower (88.2 ft radial distance from the antenna center). At 65.5 feet from the base of the tower, the depression angle of the main lobe shall be approximately 42° below the horizontal. At that point, the relative field shall be 0.688 and the power density six feet above the ground shall be 0.01094 mW/cm². This equates to only 1.09% of the Maximum Permissible Exposure (MPE) limits for Occupational/Controlled Exposure and only 5.47% of the MPE limits for General Population/Uncontrolled Exposure authorized by the American National Standards Institute (ANSI) which rounds down to 5.0%; therefore, the proposed W209BW Channel 212 FM translator facility is not considered a “contributor” to the RF exposure environment pursuant to OET Bulletin 65, Edition 97-01. Accordingly, no other broadcast antennas on the support structure were analyzed and a composite study is not required.

If other antennas are placed on the tower in the future, JVC will cooperate with those users by reducing or completely terminating the power to the antenna when maintenance workers are in danger from the electromagnetic radiation emanating from the antenna. It is also

understood that additional antennas on the support structure could increase the overall RF exposure levels and it is the responsibility of each licensee to ensure that the total RF exposure resulting from the operation of all antennas on the support structure do not exceed the MPE level at any point on the ground.

CERTIFICATION

This technical statement was prepared by William T. Godfrey, Jr., Engineering Associate with the firm Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida, and has been working with the firm in the field of radio and television broadcast consulting since 1998. Mr. Godfrey was a graduate from the University of North Florida and a Distinguished Military Graduate from the University of Florida. As a Professional in the field of Telecommunications he states under penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief.



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