

TECHNICAL STATEMENT
NOTIFICATION OF
-14 dBc (4%) DIGITAL POWER FOR
STATION WUSF (FACILITY ID 35642)
TAMPA, FLORIDA
CH 209C1 (89.7 MHZ) 69 KW ANALOG, 2.75 KW DIGITAL

This Technical Statement was prepared on behalf of University of South Florida Board of Trustees, licensee of FM Broadcast Station WUSF, Tampa, Florida, to notify of a modification of the currently authorized digital IBOC operation (BDNED-20120117AEG) for -14 dBc (4% authorized analog power) from WUSF's formerly licensed main antenna/tower (BMLED-20080723AAU). The formerly licensed WUSF tower (ASRN 1040220) was dismantled and replaced with a new, adjacent tower (ASRN 1298362) to which WUSF is now licensed to operate (BLED-20161103AAY) with a non-directional analog effective radiated power (ERP) of 69 kilowatts and an antenna height above average terrain (HAAT) of 295 meters.

o The applicant requests continued authorization for -14 dBc (4% analog or 2.75 kW) from its currently licensed analog operation pursuant to the procedures outlined in the FCC *Order* in MM Docket No. 99-325, released: January 29, 2010.

o The technical contact information for WUSF is as follows:

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o Station WUSF proposes -14 dBc digital IBOC operation using common amplification mode. There will be no changes to its antenna or transmission system.

- The analog transmitter power output for WUSF is 18.1 kW. The proposed digital transmitter power output will be 0.724 kW. Considering all system losses and antenna gain, the nominal non-directional analog effective radiated power is 69 kW and the nominal non-directional digital effective radiated power will be 2.75 kW.

- The applicant certifies that, with exception of the digital power requested, the proposed digital operation will comply with the technical specifications set forth in Appendix B (IBOC FM Transmission Specification) of the *First Report and Order* in MM Docket No. 99-325.



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