

Engineering STA Request for W31DI-D

The University of North Carolina (“UNC”), licensee of W231DI-D, Spruce Pine, North Carolina (Facility ID No. 69347), seeks special temporary authority to operate at reduced power at the parameters described in the technical portion of this STA application.

As previously specified in UNC’s June 7, 2023, notification of reduced power operations (LMS File No. [0000216336](#)), on June 1, 2023, it was discovered that W31DI-D’s RF output power amplifier had failed. The failed amplifier was removed from service and a temporary, emergency standby amplifier was installed. That spare amplifier has insufficient RF output level for the site to operate at licensed power. The failed amplifier was returned to the manufacturer for repair. However, the repair and return of the failed amplifier is taking longer than expected

In light of all the foregoing, the licensee requests STA to continue to operate at reduced power until repairs are effectuated. Grant of this request is in the public interest because it will allow W31DI-D to maintain service to the public throughout the repair period (albeit at reduced power). Although UNC currently anticipates that the manufacturer will be able to promptly perform the repairs necessary to restore W31DI-D to full power operations, UNC respectfully requests a full 180-day grant of STA in the unlikely event that there are further unanticipated delays with the repair.

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