

Radio Training Network, Inc

WVFJ-FM, Greenville GA

STA Modification Request

On January 12, 2023 the WVFJ-FM tower site was hit by a tornado shortly before 4 PM. WVFJ-FM went off the air with high VSWR alarm shutdown. Security camera video looking at the base of the tower showed the tower had collapsed.

It will be impossible for WVFJ-FM to resume operation from the licensed site for many months.

The good people at Cox Media and WALR-FM have allowed WVFJ-FM to broadcast through their Aux tower site and antenna under the current STA. WVFJ-FM has been operating on the air with 400 watts ERP from the WALR-FM Aux 4 bay ERI antenna at 346 meters above ground level since January 13, 2023.

Radio Training Network, Inc Requests modification of special temporary authority to operate from another existing tower located at 33-24-41.0 N 84-49-47.8 W (NAD 83) with a height of 245 meters AGL and maximum ERP of 18,000 watts directional. The antenna will be located on ASR 1224772 located 400 meters east of the current STA facility. This new site and facility will increase the population served by WVFJ-FM from 254,000 to 940,000 of the 1,864,000 population within the normal WVFJ-FM facility.

This new site is owned by Vertical Bridge. Radio Training Network, Inc will use an existing 4" feed line on the tower to feed the new ERI directional antenna. We will also house the transmitter in a shelter formally used by Media Flo for a UHF TV transmitting Facility.

The proposed transmitting antenna will be a new ERI LP-6E-HW-DA. Attached is the Horizontal Plane Relative Field Pattern of the new antenna. The new antenna is expected to be ship the first week of April, 2023 and installed by mid April. Also attached is a 60 Dbu 50:50 contour map of the Licensed Facility and the proposed STA facility, an aerial view of the proposed site, and FM Model RF exposure Calculation.

If you have any questions, my email is [tedm@hisradio.net](mailto:tedm@hisradio.net) and my cell # is 864-616-1442.

Thank You

Ted McCall

Engineering Director

Radio Training Network, Inc