

Engineering STA Request

On Sunday, April 19, 2009, the tower that is utilized by the WFRC antenna system collapsed during a severe storm and the station has been off the air since that time. An alternate site has been found for temporary operation of WFRC. Special Temporary Authority (STA) is requested to operate WFRC at this alternate site. Currently the Licensee has a construction permit for a power increase at its licensed site. It is the intent of the Licensee to immediately file a construction permit modification to relocate permanently to the alternate site specified in the STA request.

	LICENSED	STA PROPOSED
ERP	8.5 kW, circular, non-directional	1.9 kW, circular, non-directional
COORDINATES	32 27 37 / 85 00 30	32 25 58 / 84 57 02
ASRN	1019566	1020356
HAAT	76.0 M	27.0 M
SITE AMSL	122.0 M	64.1 M
Tower AGL	79.0 M	123.1 M
Tower AMSL	201.0 M	187.2 M
COR AGL	62.0 M	63.9 M
COR AMSL	184.0 M	128.0 M

The 1 mV/m contour coverage of WFRC from the proposed STA site will be contained within the licensed 1 mV/m contour, and will continue to provide 1 mV/m contour coverage over the community of license of Columbus, GA (reference map on page 2).

A 1-bay PSI-FM-1-BKD antenna will be utilized, with 76.2 meters of Andrew LDF6-50 1 1/4" transmission line, resulting in a TPO of 4.8 kW.

[illegible]