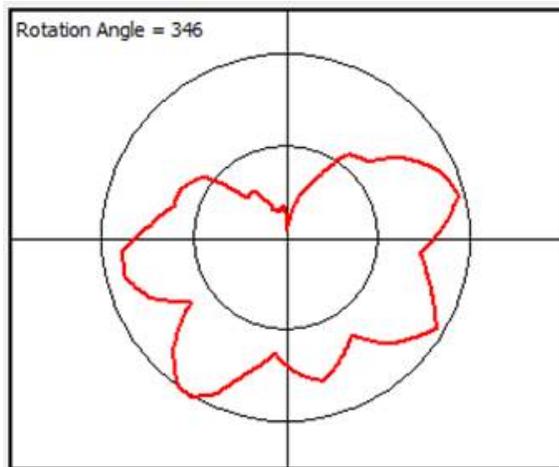
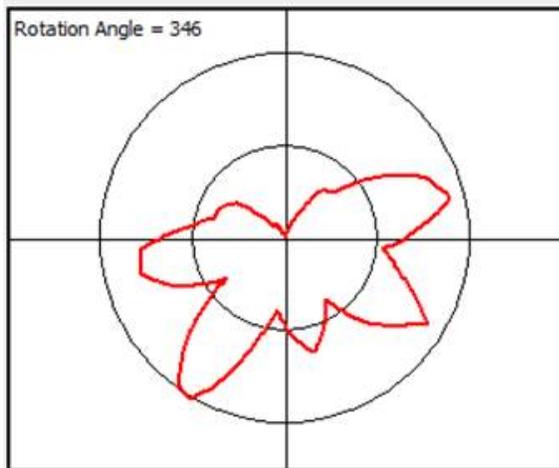


PURPOSE OF MINOR MODIFICATION

The purpose of this minor modification of construction permit application for the authorized post-transition WROC-DT Channel 21 facility (File No. 0000034937) is to correct the azimuth pattern relative field values. A maximization application for the WROC-DT Channel 21 post-transition facility was filed last year based on an existing broadband antenna that will be repurposed for the new channel. The antenna manufacturer is MCI and they provided the calculated pattern based on the new repacked channel but it was in dB instead of in relative field values. Unfortunately, the pattern was converted from dB to relative field by dividing by 10 (power) instead of dividing by 20 (voltage) which resulted in a pattern as shown in the first screenshot below when, in fact, the actual post-transition pattern for Channel 21 is shown in the second screenshot below.



The actual pattern on the new post-transition channel looks much different than it does on the current pre-transition channel so there is no way to replicate the post-transition assignment. There is also no way to replicate the current post-transition CP because the interpolation formula provided by MCI was incorrect. Since the existing antenna is broadband, it shall be repurposed for post-auction operation. No other changes to the construction permit are proposed.

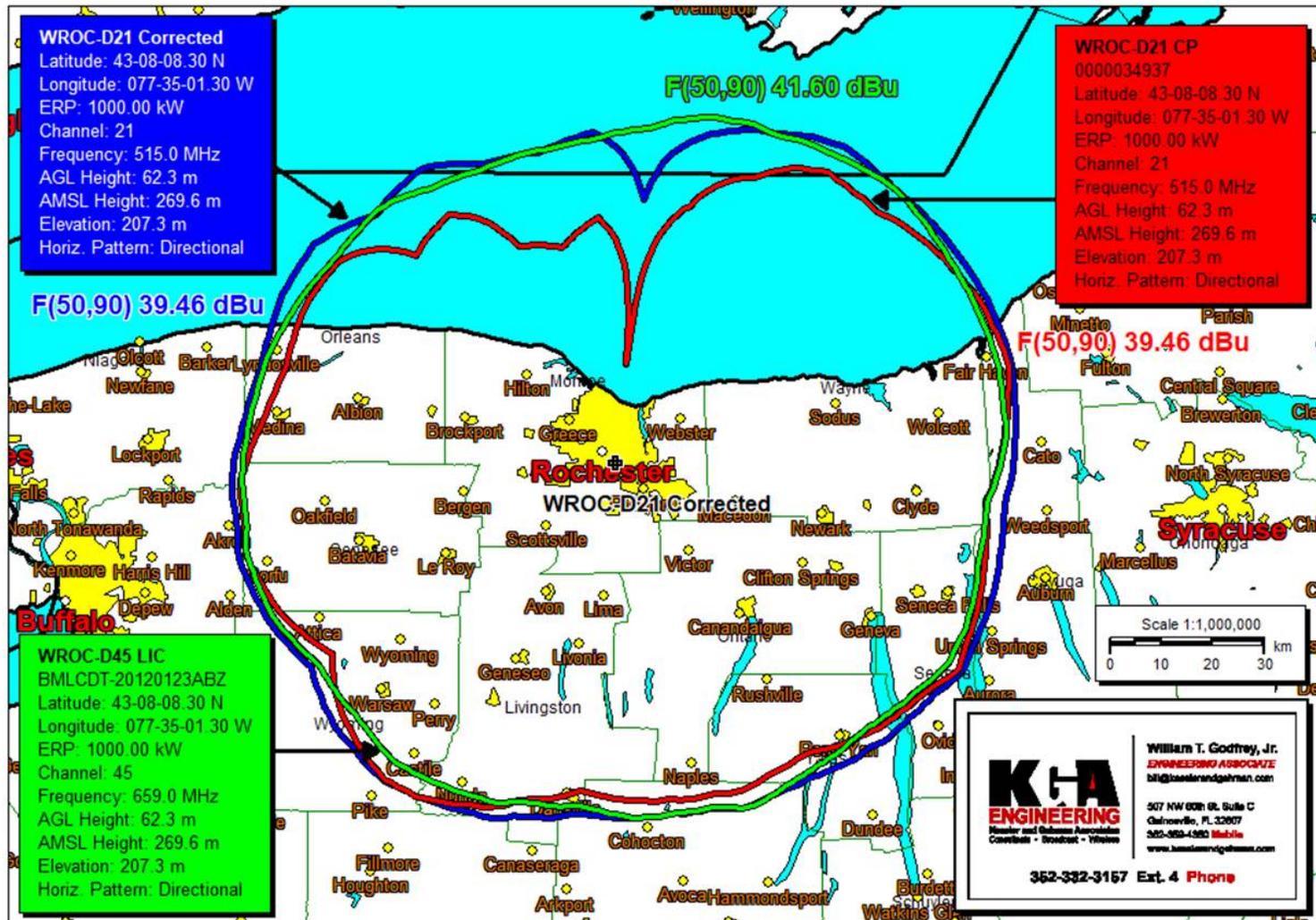
TVSTUDY 2.2.5 (2.0 KM CELL WITH 0.1 KM INCREMENT)

TVStudy was run using a 2.0 km cell with 0.1 km increment to demonstrate that the corrected facility will have no adverse impact on Canadian stations as well as no impact on stations in the United States. The attached TVStudy demonstrates that the corrected facility will not cause impermissible interference to any US or Canadian stations and is therefore in compliance with Post-transition DTV station interference protection requirements pursuant to all FCC Rules.

```
Study cell size: 2.00 km
Profile point spacing: 0.10 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%
```

No IX check failures found.

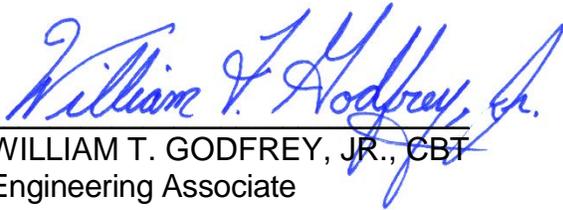


- **Blue contour** is the corrected post-transition CH 21 pattern for the existing antenna
- **Red contour** is the authorized incorrect post-transition CH 21 pattern for the existing antenna
- **Green contour** is the licensed pattern for the pre-transition CH 45 existing antenna

The blue contour/parameters are what should have been filed in the last CP App (only pattern is incorrect – everything else is okay).

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.

A handwritten signature in blue ink that reads "William T. Godfrey, Jr." with a stylized flourish at the end.

WILLIAM T. GODFREY, JR., CBT
Engineering Associate

21 June, 2018