

TECHNICAL STATEMENT
IN SUPPORT OF
APPLICATION FOR MODIFICATION OF LICENSE
WFRG-FM
UTICA, NEW YORK
CHANNEL 282B FACILITY I.D. 50362
100 KILO-WATTS 139 METERS HAAT

This instant application is being filed on behalf of Townsquare Media Licensee of Utica/Rome Inc. (Townsquare), licensee of the above referenced FM radio station.

It should be noted that this application does not request any physical changes to the existing WFRG-FM transmitting facility, but rather requests changes (corrections) to its existing authorization's present parameters as detailed below.

The current WFRG-FM authorization¹ shows parameters based on an FAA study conducted in 1980 (see 1980-AEA-0575-OE). This FAA determination listed the following:

Location: (in NAD83 coordinates): 43-03-27 N - 075-25-03.0 W
Elevation of Site AMSL: 293.0 meters (961.3 ft)
Overall height above ground (AGL): 112 meters (367.5 ft)
Overall height AMSL: 405 meters (1328.8 ft)

Townsquare recently acquired WFRG-FM and was unaware that a new FAA determination was issued in 2006, see (FAA 2006-AEA-4772-OE) attached herein as Exhibit 1, and that the previous owner did not update the assigned ASRN-1006962 or modify its authorization.

This new determination lists the following:

Location: (in NAD83 coordinates): 43-03-23.26 N - 075-25-.68 W
Elevation of Site AMSL: 291.1 meters (955 ft)
Overall height above ground (AGL): 111.3 meters (365 ft)
Overall height AMSL: 402.3 meters (1320 ft)

These changes in coordinates result in a difference in distance between the two locations of only 460 ft. as shown in the attached portion of a USGS topographical map titled Clinton N.Y. and designated herein as Exhibit 2.

¹ See BLH-19910211KB

This minor change in distance of 460 ft. has negligible affect on the spacing requirements to all facilities both existing and proposed. It does however, slightly increase the distance from the Canadian border.

Terrain studies show a difference in HAAT from the licensed 151 meters to 139 meters which results in a minor change to the stations predicted contours. The results of these terrain studies are shown below:

Antenna Radiation Center Heights Above Individual Radials:	
0.0°	220.1 meters
45.0°	230.6 meters
90.0°	152.9 meters
135.0°	18.0 meters
180.0°	86.3 meters
225.0°	20.7 meters
270.0°	175.5 meters
315.0°	205.7 meters
<hr/>	
HAAT	138.7 Meters

Figure 1 shows the predicted 54 dbμ contour and the 70dbμ city grade contour which continues to adequately serve the licensed community of Utica, N.Y. These contours were generated utilizing 30 second terrain data and calculated over an arc of 360 degrees at increments of 45 degrees. Linear interpolation was applied.

Figure 2 is a vertical sketch of the tower and antennae as they exist today. There have been no physical changes in the installation, and there are no other significant radiators in the near vicinity of the tower, therefore environmental studies have not been conducted as they have been included in previous applications.

It is believed by the author whose qualifications are matter of record with the Commission, that all facts and statements contained herein are true and accurate to the best of his knowledge.

Signed Date: January 28, 2012
Fred W. Greaves Jr.
321 Kormit Dr.
Red Lion, PA 17356
717-417-1057



Federal Aviation Administration
Air Traffic Airspace Branch, ASW-520
2601 Meacham Blvd.
Fort Worth, TX 76137-0520

Aeronautical Study No.
2006-AEA-4772-OE
Prior Study No.
1980-AEA-0575-OE

Issued Date: 12/28/2006

Adrienne Mercer
Regent Broadcasting
3300 University Dr
Coral Springs, FL 33065

EXHIBIT 1

** DETERMINATION OF NO HAZARD TO AIR NAVIGATION **

The Federal Aviation Administration has completed an aeronautical study under the provisions of 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Antenna Tower
Location:	Clinton, NY
Latitude:	43-3-23.26 N NAD 83
Longitude:	75-25-.68 W
Heights:	365 feet above ground level (AGL) 1320 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is marked and/or lighted in accordance with FAA Advisory Circular 70/7460-1 K Change 1, Obstruction Marking and Lighting, a med-dual system - Chapters 4,8(M-Dual), &12.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

This aeronautical study included evaluation of a 365 foot AGL structure that exists at this time. Action will be taken to ensure aeronautical charts are updated to reflect this existing height and the most current coordinates/elevation as indicated in the above description.

A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (718)553-4546.
On any future correspondence concerning this matter, please refer to
Aeronautical Study Number 2006-AEA-4772-OE.

Signature Control No: 489925-516389

(DNE)

Robert Alexander
Specialist

EXHIBIT 1

Attachment(s)
Frequency Data

cc: NACO w/map 33-0052

EXHIBIT 2

WFRG-FM UTICA, NY

ELEVATION CONTOUR

FAA STUDY 1980-AEA-0575-OE

43° 03' 27" N 75° 25' 03" W nad '83

AMSL 944 FT.

DISTANCE DIFFERENCE 460 FT.

FAA STUDY 2006-AEA-4772-OE

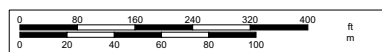
43° 03' 23.26" N 75° 25' 0.68" W nad '83

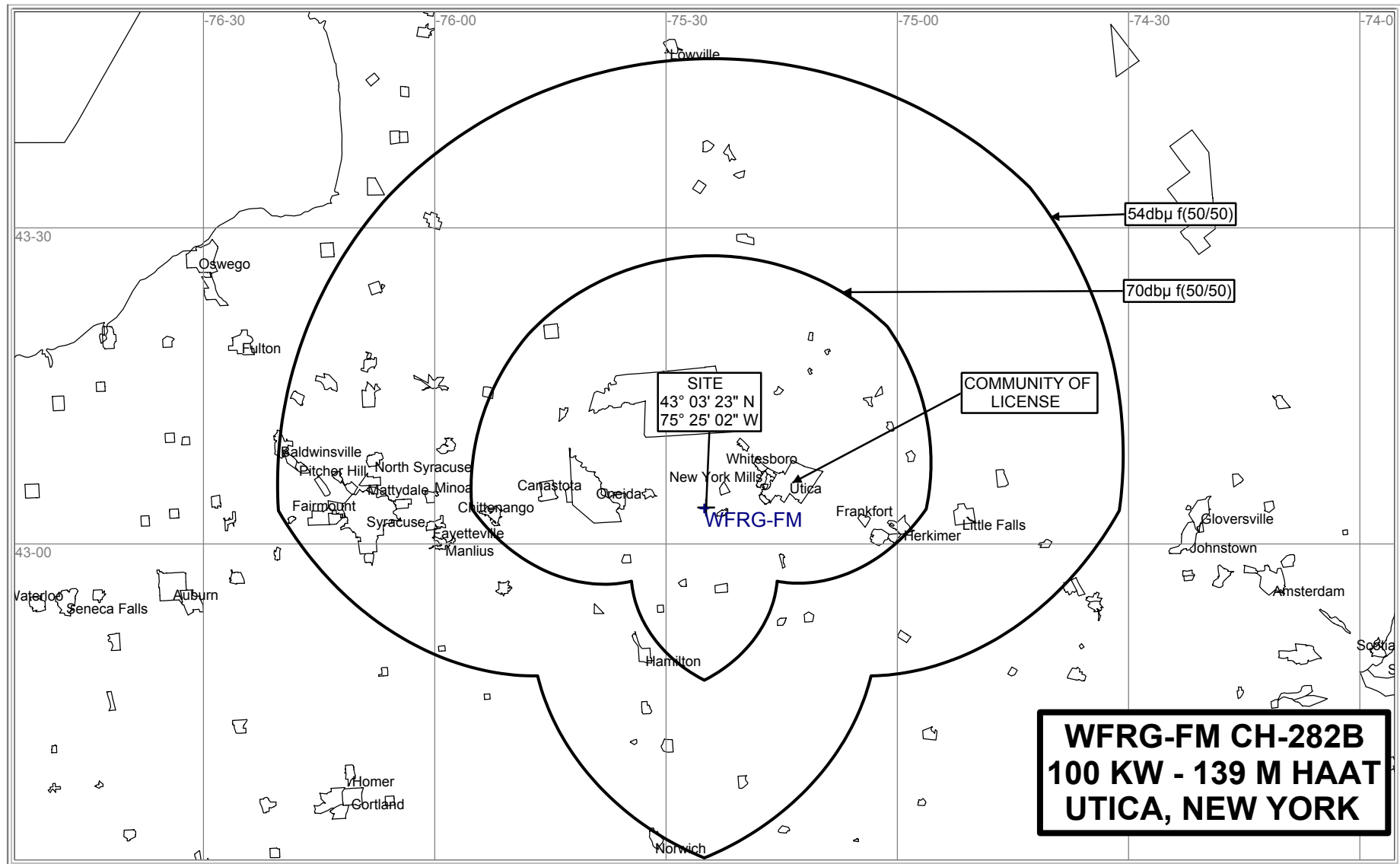
AMSL 955 FT.

GRIFFIN RD

960'

940'





TOWNSQUARE MEDIA LICENSEE OF UTICA/ROME INC.

FIGURE 1

FIGURE 2

