

**Section 74.1204 - Statement of Compliance**  
**AM Revitalization Auction 100 FM Translator**  
**NEW FM Translator Station Facility ID. 202604**  
**Amendment to Long-Form Application**  
**FCC File No. BNPFT-20180508ACN**  
**June, 2018**

The instant amendment proposes a different directional antenna. No further changes are proposed herein. As discussed below, the instant proposal complies with the protection requirements set forth in Section 74.1204 of the FCC Rules

Section 74.1204(a) Contour Overlap Protection Criteria

Attached is a map which demonstrates that proposed technical facility complies with the contour overlap provisions of Section 74.1204(a) of the FCC Rules with respect to all pertinent cochannel (See Exhibit 1) assignments, authorizations and applications. The instant proposal is well clear of all other relevant co-channel and first-adjacent channel protection considerations not represented herein.

Section 74.1204(d) Second/Third-Adjacent Channel Protection

The required protection to second-adjacent channel station WRVW(FM), Lebanon, TN (Channel 298C1) is discussed below. The instant proposal is well clear of all other relevant second and third-adjacent channel protection considerations not represented herein.

The proposed transmitting antenna will be located within the protected contour of WRVW(FM) resulting in contour overlap as defined in Section 74.1204 of the FCC Rules. However, at the translator's proposed transmitter site, WRVW(FM) is predicted to produce an F(50,50) signal strength of 77 dBu. Therefore, in the vicinity of the third-adjacent channel station, the translator's relevant interfering contour is the 117 dBu contour relative to WRVW(FM). According to free space calculations, the translator's worst-case predicted 117 dBu contour will extend, at most, 143.1 meters from the proposed transmitter site (See the attached Table). As shown on Exhibit 2, there are no inhabited buildings, residences or major roadways within the area where the predicted worst-case interference will reach within 30 feet of ground level. Therefore, the instant proposal will cause no interference to any population served by WRVW(FM).

Accordingly, the proposed facility satisfies Section 74.1204(d) of the FCC Rules because it has been "demonstrated that no actual interference will occur due to lack of population or such other factors as may be applicable".

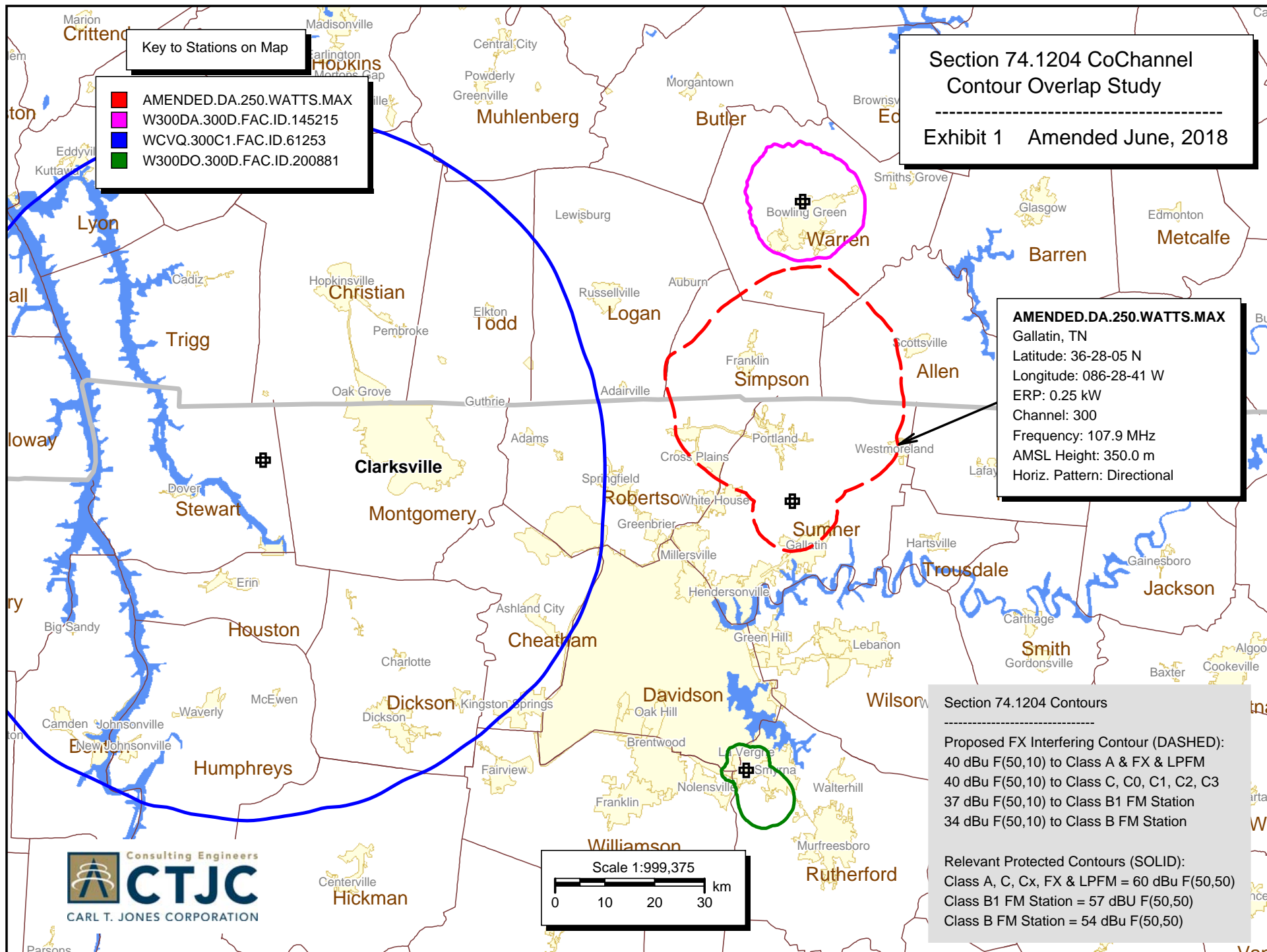
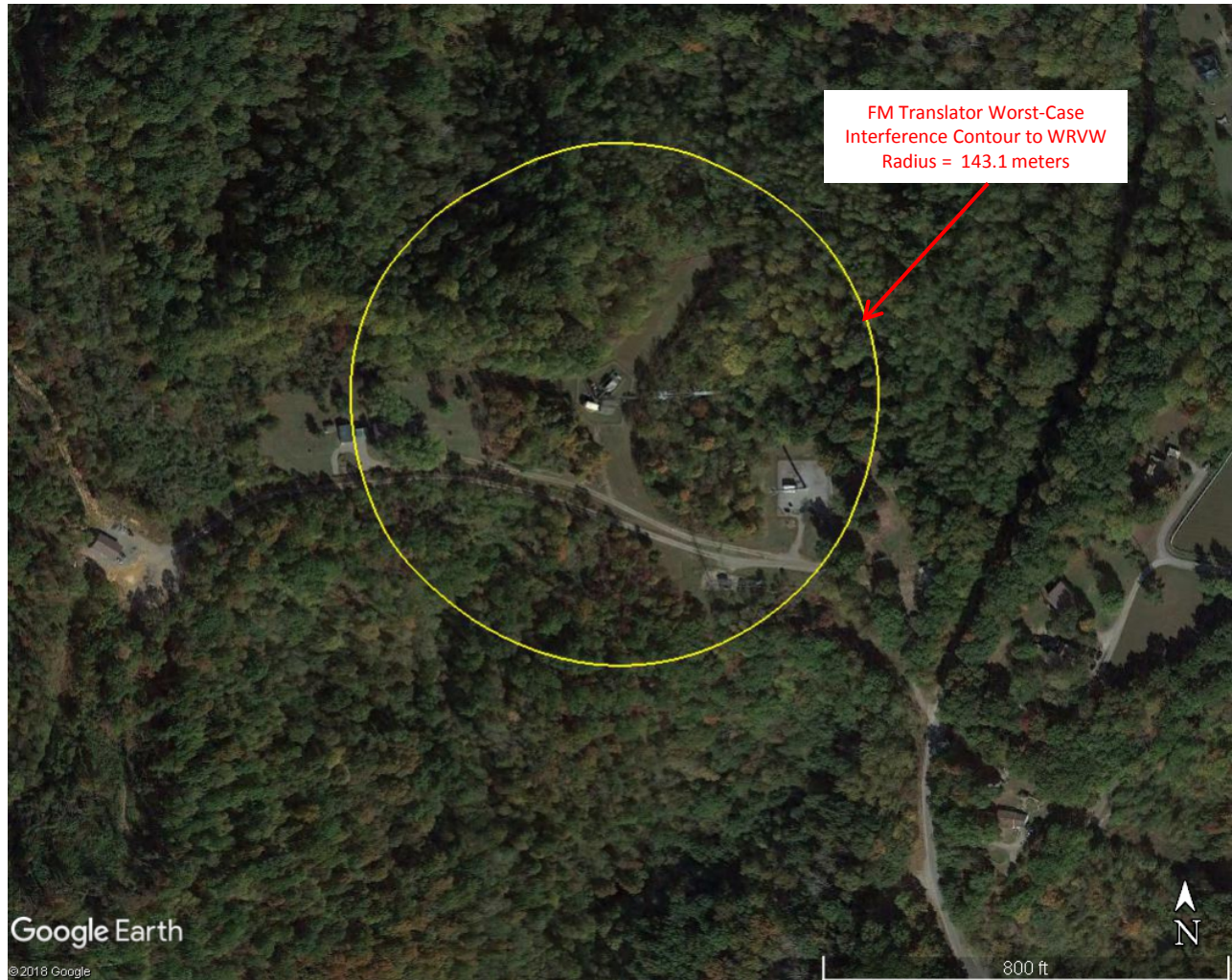


Exhibit 2  
Amended

WRVW, Lebanon, TN  
Channel 298C1, 46 kW ERP, 409 m HAAT  
FCC File No. BLH-20040607ADK



Worst-Case Channel 300 Interfering Contour to WRVW  
NEW-FX, Gallatin, TN (Facility ID 202604)  
ERP: 250 watts (DA) , 350 m RCAMSL  
Amended June, 2018

**W300nn**  
**Gallatin, TN (Facility ID 202604)**

**ERP 250.00 WATTS**

**Maximum ERP** *Interfering contour value ----->* **117** dBu  
0.25 kW *RCAGL (m)----->* **43** meters  
*Antenna Type ----->* **16**

Antenna Type 16 = **Scala CL-FMHV**

Angle Below Horizontal (degrees)	Vertical Pattern (REL. FIELD)	W300nn ERP (kW)	W300nn ERP (dBk)	W300nn Free-Space Distance to interfering contour (meters)	Slant Distance (meters) *	Height of interfering contour above ground (feet)**	Proposed Interference within 30 ' of ground level?	Horizontal Distance (meters) ***	Horizontal Distance (feet) ***
0	1.000	0.2500	-6.021	156.3	N/A	141.1			512.8
5	0.990	0.2450	-6.108	154.7	389.0	96.8	No	154.2	505.7
10	0.980	0.2401	-6.196	153.2	195.2	53.8	No	150.9	494.9
15	0.948	0.2247	-6.484	148.2	131.0	15.3	Yes	143.1	469.6
20	0.916	0.2098	-6.783	143.2	99.1	-19.6	Yes	134.5	441.4
25	0.867	0.1879	-7.260	135.5	80.2	-46.8	Yes	122.8	402.9
30	0.817	0.1669	-7.776	127.7	67.8	-68.4	Yes	110.6	362.8
35	0.753	0.1418	-8.485	117.7	59.1	-80.4	Yes	96.4	316.3
40	0.690	0.1190	-9.244	107.8	52.7	-86.4	Yes	82.6	271.1
45	0.617	0.0952	-10.215	96.4	47.9	-82.7	Yes	68.2	223.7
50	0.544	0.0740	-11.309	85.0	44.3	-72.6	Yes	54.7	179.3
55	0.467	0.0545	-12.634	73.0	41.4	-55.1	Yes	41.9	137.4
60	0.390	0.0380	-14.199	61.0	39.1	-32.1	Yes	30.5	100.0
65	0.290	0.0210	-16.773	45.3	37.4	6.3	Yes	19.2	62.8
70	0.190	0.0090	-20.446	29.7	36.1	49.5	No	10.2	33.3
75	0.120	0.0036	-24.437	18.8	35.1	81.6	No	4.9	15.9
80	0.050	0.0006	-32.041	7.8	34.4	115.8	No	1.4	4.5
85	0.040	0.0004	-33.979	6.3	34.0	120.6	No	0.5	1.8
90	0.030	0.0002	-36.478	4.7	33.9	125.7	No	0.0	0.0

\* Slant distance from antenna center of radiation to location 30 feet (9.1 meters) above ground level at angle below horizontal.

\*\* A negative number indicates that the interfering contour is predicted to reach ground level. If a negative number is present, the interfering contour reaches ground level at the "Horizontal Distance" described below.

\*\*\* Horizontal distance from tower base to interfering contour at the indicated height above ground level. If a negative height above ground level is indicated, this horizontal distance is the distance from the tower base to the interfering contour. This horizontal distance is only relevant if the proposed interference is predicted to occur within 30 feet of ground level.