

ENGINEERING STATEMENT
ACME TV Corp.
April, 2015

ACME TV Corp. is the licensee of WTKO-CA, Channel 13, Oneida, NY and has a construction permit (BDCCDTL-20130828AFJ) for digital companion channel 36 at the same site. The proposed operation is ultimately proposed to be the permanent channel for Class A operation. It is proposed to modify the CP with a minor decrease of the ERP and height of the antenna and with no change to the antenna type or pattern rotation. It is proposed that the antenna will be side-mounted and not cause any increase in overall height of the structure.

As the proposed interfering contour is entirely within the authorized contour, Canadian concurrence is not required. As this proposed modification is for a decrease in power and coverage, no prohibitive interference would be caused as shown in the attached Figure 1.

It is respectfully requested that the proposed very minor modification be processed expeditiously so that the facility can be constructed that WTKO-CA can commence digital operation as soon as possible.

Figure 1
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Outgoing Interference Population Report

WTKO-CA-D.A (36) Oneida, NY - BDCCDTL20130828AFJ (mod.)
Broadcast Type: Digital Service: G [Stringent Emission Mask]
Lat: 43-03-57 N Lng: 075-40-04 W ERP: 8.5 kW AMSL: 283.4 m
TV Outgoing Interference Study
Signal Resolution: 1.0 km
Consider NTSC Taboo: Yes
KWX error points are considered to be interference free coverage.
Default # of radials computed for contours: 72
Contours calculated using 8 radial HAAT.
LR Profile Spacing Increment: 1.0 km
Masked interference points are being counted as interference free.
Using LPTV/translator D/U rules.
Pop Centroid DB: 2000 US Census (SF1)

Study Date: 4/26/2015
TV Database Date: 4/24/2015

Primary Terrain: V-Soft 3 Second US Terrain
Secondary Terrain: V-Soft 30 Second World Terrain

Population Database: 2000 US Census (SF1)

----- Stations Considered:

Call Letters	City	State	Dist	Bear
WCDC-TV-D (36)	Adams	MA	209.7	102.3
WNJU-D.C (36)	Linden	NJ	292.7	151.0
WNJU-D (36)	Linden	NJ	292.8	151.0
WHSB-LP (36Z)	Rochester	NY	156.3	273.5
WENY-TV-D (36)	Elmira	NY	154.7	228.9
WITF-TV-D (36)	Harrisburg	PA	318.2	198.7
WSWB-D (36)	Scranton	PA	160.5	172.8
ON-PT-176-D (36)	Kingston	ON	150.9	334.5
CKWS-TV-3 (36Z)	Smiths Falls	ON	218.4	352.0
CITS-PT-D (36)	Hamilton	ON	334.4	274.1
CJOH-PT-4-D (36)	Pembroke	ON	329.8	339.4
QC-PT-196-D (36)	Montréal	QC	317.7	30.7
WOBX-LP (35)	Syracuse	NY	40.6	269.0

Call	Area	HUnits	Contour	Masked Ix	Unmasked Ix	%
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WCDC-TV-D (36)	0.0	0	1,938,431	0	0	0.0
WNJU-D.C (36)	0.0	0	20,709,001	0	0	0.0
WNJU-D (36)	0.0	0	19,457,625	0	0	0.0
WHSB-LP (36Z)	0.0	0	502,099	0	0	0.0
WENY-TV-D (36)	0.0	0	531,142	0	0	0.0
WITF-TV-D (36)	0.0	0	2,198,512	0	0	0.0
WSWB-D (36)	0.0	0	64,758	0	0	0.0
ON-PT-176-D (36)	0.0	0	103,565	0	0	0.0
CKWS-TV-3 (36Z)	0.0	0	0	0	0	0.0
CITS-PT-D (36)	0.0	0	975,015	0	0	0.0
CJOH-PT-4-D (36)	0.0	0	0	0	0	0.0
QC-PT-196-D (36)	0.0	0	130,508	0	0	0.0
WOBX-LP (35)	0.0	0	216,808	0	0	0.0