

### FIGURE 3 - FCC TVSTUDY SUMMARY REPORT WBUO-LD

Proposal: WBUO-LD D30 LD APP BUFFALO, NY  
 File number: WBUO APP PSILP12MAWR-30  
 Facility ID: 68012  
 Station data: User record  
 Record ID: 738  
 Country: U.S.

Build options:  
 Protect pre-transition records not on baseline channel

Search options:  
 Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W29EZ-D	D29	LD	LIC	ELMIRA, NY	BLANK0000066382	176.4 km
No	WBGT-CD	D29	DC	LIC	ROCHESTER, NY	BLANK0000095379	111.1
No	WNEO	D29	DT	LIC	ALLIANCE, OH	BLANK0000120667	261.8
No	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	210.0
No	WQMY	D29	DT	CP	WILLIAMSPORT, PA	BLANK0000035754	210.0
No	WNEM-TV	D30	DT	LIC	BAY CITY, MI	BLANK0000185174	422.4
Yes	WYDC	D30	DT	LIC	CORNING, NY	BLANK0000086927	149.3
No	WYNB-LD	D30	LD	LIC	ELLENVILLE, NY	BLANK0000116043	378.6
No	WAWW-LD	D30-	LD	LIC	Rochester, NY	BLANK0000176717	111.1
No	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	297.9
No	WVIZ	D30	LD	LIC	Cleveland, OH	BLANK0000151111	270.9
No	WHIZ-TV	D30	DT	LIC	ZANESVILLE, OH	BLANK0000125049	403.5
No	WCZS-LD	D30	LD	LIC	CHAMBERSBURG, PA	BLANK0000141136	300.3
No	WPKD-TV	D30	LD	LIC	JEANNETTE, PA	BLANK0000064153	274.7
No	WRLD-LD	D30	LD	LIC	KINGSTON, PA	BLANK0000150592	279.7
No	KYW-TV	D30	DT	LIC	PHILADELPHIA, PA	BLANK0000218168	412.0
No	WPTG-CD	D30	DC	LIC	Pittsburgh, PA	BLANK0000129480	263.1
No	W30EI-D	D30z	LD	LIC	SHARON, PA	BLANK0000107600	207.5
No	WSKG-TV	D31	DT	LIC	BINGHAMTON, NY	BLANK0000116396	240.5
Yes	WNED-TV	D31	DT	LIC	BUFFALO, NY	BLANK0000107983	45.4
No	WYTV	D31	DT	LIC	YOUNGSTOWN, OH	BLANK0000081168	234.6
No	WATM-TV	D31	DT	LIC	ALTOONA, PA	BLANK0000105303	231.6
No	CKVP-DT	D29	DT	LIC	FONTHILL, ON	BLANKCANADA172	63.3
No	CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	213.9
No	CHEX-TV-2	D29	DT	LIC	OSHAWA, ON	BLANKCANADA196	146.4
No	CFTV-DT(1)	D30	DC	LIC	LEAMINGTON, ON	BLANKCANLP389	323.4
No	CITS-DT-2	D30	DT	LIC	LONDON, ON	BLANKCANADA185	213.9
Yes	CITY-DT	D30	DT	LIC	TORONTO, ON	BLANKCANADA238	122.5
No	CIVO-DT	D30	DT	LIC	GATINEAU, QC	BLANKCANADA265	394.6

No non-directional AM stations found within 0.8 km  
 No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30  
 Mask: Full Service  
 Latitude: 42 38 15.10 N (NAD83)  
 Longitude: 78 46 6.00 W  
 Height AMSL: 490.4 m  
 HAAT: 0.0 m  
 Peak ERP: 15.0 kW  
 Antenna: PSILP12MAWR-30 130.0 deg  
 Elev Pattnr: Generic

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	7.88 kW	221.8 m	48.6 km
45.0	14.3	126.1	45.6
90.0	12.5	43.6	33.0

135.0	14.8	113.7	44.9
180.0	12.9	60.5	37.1
225.0	14.0	125.8	45.5
270.0	4.57	196.6	44.3
315.0	0.084	228.0	25.3

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 140 m

\*\*Proposal 25.32 dBu contour crosses Canadian border, coordination required  
Distance to Canadian border: 25.2 km

Distance to Mexican border: 2466.0 km

Conditions at FCC monitoring station: Canandaigua NY  
Bearing: 75.4 degrees    Distance: 126.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 271.8 degrees    Distance: 2214.1 km

Study cell size: 1.00 km  
Profile point spacing: 1.00 km

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

Proposal causes 0.02% interference to BLANK0000086927 LIC scenario 1  
Proposal causes 0.09% interference to BLANK0000107983 LIC scenario 1  
Proposal causes 0.03% interference to BLANKCANADA238 LIC scenario 1

---- Below is IX received by proposal WBUO APP PSILP12MAWR-3 ----

Proposal receives 11.45% interference from scenario 1

No IX check failures found.