

Study created: 2017.10.26 07:41:55

Study build station data: LMS TV 2017-10-26 (55)

Proposal: WNEO D29 DT CP ALLIANCE, OH  
File number: Proposed  
Facility ID: 49439  
Station data: User record  
Record ID: 1979  
Country: U.S.  
Zone: I

Search options:  
Non-U.S. records included  
Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WJET-TV	D28	DT	APP	ERIE, PA	BLANK0000029987	144.2 km
WJET-TV	D28	DT	CP	ERIE, PA	BLANK0000027719	144.2
WJET-TV	D28	DT	BL	ERIE, PA	DTVBL65749	144.2
WPCB-TV	D28	DT	CP	GREENSBURG, PA	BLANK0000026287	111.1
WPCB-TV	D28	DT	APP	GREENSBURG, PA	BLANK0000034177	111.1
WPCB-TV	D28	DT	BL	GREENSBURG, PA	DTVBL13924	111.0
WWPB	D29	DT	CP	HAGERSTOWN, MD	BLANK0000025180	285.7
WWPB	D29	DT	APP	HAGERSTOWN, MD	BLANK0000034108	285.7
WWPB	D29	DT	BL	HAGERSTOWN, MD	DTVBL65943	285.7
WPTO	D29	DT	CP	OXFORD, OH	BLANK0000026783	367.6
WPTO	D29	DT	BL	OXFORD, OH	DTVBL25065	367.6
WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	226.5
WWAT-CD	D29	DC	CP	CHARLEROI, PA	BLANK0000027769	159.6
WWAT-CD	D29	DC	BL	CHARLEROI, PA	DTVBL257	159.6
WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	319.4
WCHS-TV	D29	DT	CP	CHARLESTON, WV	BLANK0000025700	290.4
WCHS-TV	D29	DT	BL	CHARLESTON, WV	DTVBL71280	290.4
WPTG-CD	D30	DC	APP	PITTSBURGH, PA	BLANK0000029758	94.8
CFMT-DT-1	D29	DT	LIC	LONDON, ON	BLANKCANADA188	230.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29  
Latitude: 40 54 23.20 N (NAD83)  
Longitude: 80 54 39.30 W  
Height AMSL: 611.7 m  
HAAT: 251.1 m  
Peak ERP: 465 kW  
Antenna: Omnidirectional  
Elev Pattn: Generic  
Elec Tilt: 0.5

40.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	465 kW	246.8 m	83.5 km
45.0	465	262.6	85.5
90.0	465	256.3	84.6
135.0	465	233.3	82.3
180.0	465	222.7	81.4
225.0	465	242.8	83.1
270.0	465	270.9	86.8
315.0	465	272.9	87.1

\*\*Proposal service area extends beyond baseline plus 1.0%

Proposal service area population is more than 95.0% of baseline

\*\*Proposal is within coordination distance of Canadian border  
Distance to Canadian border: 147.3 km

Distance to Mexican border: 2216.5 km

Conditions at FCC monitoring station: Canandaigua NY  
Bearing: 52.3 degrees    Distance: 375.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 275.7 degrees    Distance: 2049.2 km

Study cell size: 2.00 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%

\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 1  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 2  
\*\*MX with scenario 3, receives 4.92% interference  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 4  
\*\*MX with scenario 5, receives 4.90% interference  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 6  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 7  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 8  
\*\*MX with scenario 9, receives 4.92% interference  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 10  
\*\*MX with scenario 11, receives 4.90% interference  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 12  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 13  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 14  
\*\*MX with scenario 15, receives 4.92% interference  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 16  
\*\*MX with scenario 17, receives 4.90% interference  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 18  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 19  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 20  
\*\*MX with scenario 21, receives 4.92% interference  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 22  
\*\*MX with scenario 23, receives 4.90% interference  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 24  
\*\*MX with scenario 25, receives 4.93% interference  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 26  
\*\*MX with scenario 27, receives 4.91% interference  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 28  
\*\*MX with scenario 29, receives 4.93% interference  
\*\*MX with scenario 30, receives 4.92% interference  
\*\*MX with scenario 31, receives 4.93% interference  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 32  
\*\*MX with scenario 33, receives 4.91% interference  
\*\*MX with scenario 34, receives 4.90% interference  
\*\*MX with scenario 35, receives 4.91% interference  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 36  
\*\*MX with scenario 37, receives 4.93% interference  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 38  
\*\*MX with scenario 39, receives 4.91% interference  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 40  
\*\*MX with scenario 41, receives 4.93% interference  
\*\*MX with scenario 42, receives 4.92% interference  
\*\*MX with scenario 43, receives 4.93% interference

\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 44  
\*\*MX with scenario 45, receives 4.91% interference  
\*\*MX with scenario 46, receives 4.90% interference  
\*\*MX with scenario 47, receives 4.91% interference  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 48  
\*\*MX with scenario 49, receives 4.93% interference  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 50  
\*\*MX with scenario 51, receives 4.91% interference  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 52  
\*\*MX with scenario 53, receives 4.93% interference  
\*\*MX with scenario 54, receives 4.92% interference  
\*\*MX with scenario 55, receives 4.93% interference  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 56  
\*\*MX with scenario 57, receives 4.91% interference  
\*\*MX with scenario 58, receives 4.90% interference  
\*\*MX with scenario 59, receives 4.91% interference  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 60  
\*\*MX with scenario 61, receives 4.93% interference  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 62  
\*\*MX with scenario 63, receives 4.91% interference  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 64  
\*\*MX with scenario 65, receives 4.93% interference  
\*\*MX with scenario 66, receives 4.92% interference  
\*\*MX with scenario 67, receives 4.93% interference  
\*\*MX with BLANK0000029758 APP, 4.92% interference, scenario 68  
\*\*MX with scenario 69, receives 4.91% interference  
\*\*MX with scenario 70, receives 4.90% interference  
\*\*MX with scenario 71, receives 4.91% interference  
\*\*MX with BLANK0000029758 APP, 4.90% interference, scenario 72