Study created: 2017.10.17 16:57:22

Study build station data: LMS TV 2017-10-14 (51)

Proposal: WETM-TV D23 DT CP ELMIRA, NY
File number: Proposed
Facility ID: 60653
Station data: User record
Record ID: 1849
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
WXXI-TV	D22	DT	CP	ROCHESTER, NY	BLANK0000028426	128.4 km
WXXI-TV	D22	DT	APP	ROCHESTER, NY	BLANK0000029838	128.4
WXXI-TV	D22	DT	BL	ROCHESTER, NY	DTVBL57274	128.4
WOLF-TV	D22	DT	CP	HAZLETON, PA	BLANK0000027934	132.1
WOLF-TV	D22	DT	BL	HAZLETON, PA	DTVBL73375	132.1
WDVM-TV	D23	DT	CP	HAGERSTOWN, MD	BLANK0000027603	286.7
WDVM-TV	D23	DT	BL	HAGERSTOWN, MD	DTVBL25045	286.7
WNPI-DT	D23	DT	LIC	NORWOOD, NY	BLEDT20050715ABZ	311.2
WHSU-CD	D23	DC	CP	SYRACUSE, NY	BLANK0000028830	120.5
WHSU-CD	D23	DC	BL	SYRACUSE, NY	DTVBL629	120.5
WPXI	D23	DT	CP	PITTSBURGH, PA	BLANK0000025328	319.1
WPXI	D23	DT	BL	PITTSBURGH, PA	DTVBL73910	319.0
WPXJ-TV	D24	DT	CP	BATAVIA, NY	BLANK0000026968	128.4
WPXJ-TV	D24	DT	BL	BATAVIA, NY	DTVBL2325	128.4
CKWS-DT-1	D23	DT	LIC	BRIGHTON, ON	BLANKCANADA165	228.1
CIII-DT	D23	DT	LIC	PARIS, ON	BLANKCANADA209	318.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D23
Latitude: 42 6 22.00 N (NAD83)
Longitude: 76 52 16.00 W
Height AMSL: 769.0 m
HAAT: 375.3 m
Peak ERP: 299 kW
Antenna: HAR-TAD-20UDA 4/40 (ID 85158) 0.0 deg
Elev Pattrn: Generic
Elec Tilt: 1.0

39.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	146 kW	382.9 m	91.2 km
45.0	147	421.1	93.5
90.0	299	409.8	98.6
135.0	149	428.5	94.1
180.0	147	331.1	86.5
225.0	104	301.4	80.7
270.0	156	359.9	89.9
315.0	96.5	368.1	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: 169.6 km

Distance to Mexican border: 2561.5 km

Conditions at FCC monitoring station: Canandaigua NY
Bearing: 340.3 degrees Distance: 95.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 274.3 degrees Distance: 2372.8 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%

No IX check failures found.