



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

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Study build station data: LMS TV 2020-06-26

Proposal: WETM-TV D23 DT STA ELMIRA, NY
File number: BLANK0000096234
Facility ID: 60653
Station data: User record
Record ID: 2466
Country: U.S.
Zone: I

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WECY-LD	D22	LD	LIC	Elmira, NY	BLANK0000024397	17.5 km
No	WXXI-TV	D22	DT	LIC	ROCHESTER, NY	BLANK0000086491	128.4
No	WCWN	D22	DT	LIC	SCHENECTADY, NY	BLANK0000083798	241.9
No	WBLZ-LD	D22	LD	LIC	SYRACUSE, NY	BLANK0000108479	120.5
Yes	WOLF-TV	D22	DT	LIC	HAZLETON, PA	BLANK0000086376	132.1
No	WNEP-TV	D22	LD	LIC	SCRANTON, PA	BLCDT20091216AAH	130.7
No	WDDN-LD	D23	LD	LIC	WASHINGTON, DC	BLDTL20120810AAG	345.6
No	WDMR-LD	D23	LD	LIC	SPRINGFIELD, MA	BLANK0000075390	343.7
Yes	WDVM-TV	D23	DT	LIC	HAGERSTOWN, MD	BLANK0000080408	286.7
No	W23ED-D	D23	LD	CP	SALISBURY, MD	BLANK0000068887	425.2
No	WMJF-CD	D23	DC	CP	TOWSON, MD	BLANK0000029914	301.3
No	WPXG-TV	D23	DT	LIC	CONCORD, NH	BLANK0000078658	469.3
No	WNJS	D23	DT	CP	CAMDEN, NJ	BLANK0000077482	314.4
No	W23EX-D	D23z	LD	LIC	SUSSEX, NJ	BLANK0000080129	221.4
No	WBXZ-LD	D23	LD	LIC	BUFFALO, NY	BLANK0000116112	185.5
No	WXNY-LD	D23	LD	CP	NEW YORK, NY	BLANK0000053900	286.9
No	WNPI-DT	D23	DT	LIC	NORWOOD, NY	BLEDT20050715ABZ	311.2
No	W23ER-D	D23z	LD	LIC	POUGHKEEPSIE, NY	BLANK0000068283	241.7
No	WFTY-DT	D23	DT	LIC	SMITHTOWN, NY	BLCDT20120427ABO	353.0

Yes	WHSU-CD	D23	DC	LIC	SYRACUSE, NY	BLANK0000116309	120.5
No	NEW	D23	LD	APP	ERIE, PA	BNPDTL20090825BRL	263.4
No	WPXI	D23	LD	LIC	PITTSBURGH, PA	BLCDT20100429ADA	342.4
No	WPXI	D23	DT	LIC	PITTSBURGH, PA	BLANK0000080213	319.1
No	WDWA-LD	D23	LD	LIC	Damascus, VA	BLDTL20140528ACM	370.9
No	W23EU-D	D23	LD	LIC	RUTLAND, VT	BLANK0000116207	354.2
No	W23DR-D	D23	LD	LIC	ROMNEY, WV	BLDTT20090609AAZ	347.5
No	WTEN	D24	DT	LIC	ALBANY, NY	BLANK0000082692	241.9
No	WPXJ-TV	D24	DT	LIC	BATAVIA, NY	BLANK0000106047	150.2
No	WONO-CD	D24	DC	CP	SYRACUSE, ETC., NY	BLANK0000105580	120.5
No	WVNC-LD	D24	LD	LIC	WATERTOWN, NY	BLANK0000095818	224.3
No	WTAJ-TV	D24	DT	LIC	ALTOONA, PA	BLANK0000079898	215.5
No	W24DB-D	D24z	DC	LIC	CLARKS SUMMIT, PA	BLANK0000004543	120.5
No	DW24BB-D	D24	DC	BL	EAST STROUDSBURG, PA	DTVBL68137	165.3
No	W26BF	N26-	TX	LIC	ELMIRA, NY	BLTTL19960111AB	7.3
No	W30BW	N30+	TX	LIC	OLEAN, NY	BLTT20020307ABR	127.9
Yes	CKWS-DT-1	D23	DT	LIC	BRIGHTON, ON	BLANKCANADA165	228.1
No	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: 376.0 m
 Peak ERP: 70.0 kW
 Antenna: Dielectric-TAD-20UDA-4/40 (ID 1006210) 0.0 deg
 Elev Pattn: Generic
 Elec Tilt: 1.00

39.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	31.4 kW	382.9 m	80.5 km

45.0	40.5	421.1	84.5
90.0	70.0	409.8	87.6
135.0	40.2	428.5	84.8
180.0	31.3	331.1	76.1
225.0	26.8	301.4	72.7
270.0	30.5	359.9	78.4
315.0	27.1	368.1	78.3

Database HAAT does not agree with computed HAAT
Database HAAT: 376 m Computed HAAT: 375 m

**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%

Proposal causes 1.80% interference to BLANK0000024397 LIC scenario 1
Proposal causes 0.03% interference to BLANK0000086376 LIC scenario 1
Proposal causes no interference to BLANK0000080408 LIC
Proposal causes no interference to BLANK0000116309 LIC
Proposal causes no interference to BLANKCANADA165 LIC

----- Below is IX received by proposal BLANK0000096234 -----

Proposal receives 0.35% interference from scenario 1
No IX check failures found.