



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

Study created: 2020.06.03 10:05:50

Study build station data: LMS TV 2020-06-03

Proposal: WETM-TV D23 DT CP ELMIRA, NY
File number: BLANK0000029984
Facility ID: 60653
Station data: User record
Record ID: 2438
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	WXXI-TV	D22	DT	LIC	ROCHESTER, NY	BLANK0000086491	128.4 km
No	WCWN	D22	DT	LIC	SCHENECTADY, NY	BLANK0000083798	241.9
Yes	WOLF-TV	D22	DT	LIC	HAZLETON, PA	BLANK0000086376	132.1
Yes	WDVM-TV	D23	DT	LIC	HAGERSTOWN, MD	BLANK0000080408	286.7
No	WMJF-CD	D23	DC	CP	TOWSON, MD	BLANK0000029914	301.3
No	WPXG-TV	D23	DT	LIC	CONCORD, NH	BLANK0000078658	469.3
Yes	WNJS	D23	DT	CP	CAMDEN, NJ	BLANK0000077482	314.4
Yes	WNPI-DT	D23	DT	LIC	NORWOOD, NY	BLEDT20050715ABZ	311.2
No	WFTY-DT	D23	DT	LIC	SMITHTOWN, NY	BLCDT20120427ABO	353.0
Yes	WHSU-CD	D23	DC	CP	SYRACUSE, NY	BLANK0000105578	120.5
Yes	WPXI	D23	DT	LIC	PITTSBURGH, PA	BLANK0000080213	319.1
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	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
Yes	CKWS-DT-1	D23	DT	LIC	BRIGHTON, ON	BLANKCANADA165	228.1
Yes	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: 265 kW

Antenna: HAR-TAD-20UDA 4/40 0.0 deg

Elev Pattn: Generic

Elec Tilt: 1.00

39.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	119 kW	382.9 m	89.7 km
45.0	162	421.1	94.3
90.0	265	409.8	97.5
135.0	162	428.5	94.7
180.0	119	331.1	84.9
225.0	108	301.4	81.0
270.0	115	359.9	87.6
315.0	110	368.1	88.0

**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 0.00% interference to BLANK0000086491 LIC scenario 1
Proposal causes 0.09% interference to BLANK0000086376 LIC scenario 1
Proposal causes 0.01% interference to BLANK0000080408 LIC scenario 1
Proposal causes no interference to BLANK0000077482 CP
Proposal causes no interference to BLEDT20050715ABZ LIC
Proposal causes 0.17% interference to BLANK0000105578 CP scenario 1
Proposal causes no interference to BLANK0000080213 LIC
Proposal causes no interference to BLANKCANADA165 LIC
Proposal causes no interference to BLANKCANADA209 LIC

---- Below is IX received by proposal BLANK0000029984 ----

Proposal receives 0.62% interference from scenario 1
No IX check failures found.