



Kessler and Gehman Associates

Consultants • Broadcast • Wireless

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Study build station data: LMS TV 2020-11-17

Proposal: WSYR-TV D17 DT LIC SYRACUSE, NY

File number: BLCDT20030812ABK

Facility ID: 73113

Station data: User record

Record ID: 2544

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
No	WNYO-TV	D16	DT	LIC	BUFFALO, NY	BLANK0000120821	236.3 km
No	WFNY-CD	D16	DC	LIC	GLOVERSVILLE, NY	BLANK0000068459	135.5
No	WNYS-CD	D16	DC	LIC	ITHACA, NY	BLANK0000001083	69.1
No	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	196.3
No	WPFO	D17	DT	LIC	WATERVILLE, ME	BLANK0000080224	459.6
Yes	WYCI	D17	DT	BL	SARANAC LAKE, NY	DTVBL77515	217.6
No	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	390.7
Yes	WPHL-TV	D17	DT	LIC	PHILADELPHIA, PA	BLANK0000040408	329.2
No	WPXQ-TV	D17	DT	LIC	NEWPORT, RI	BLANK0000068158	384.3
No	WMBC-TV	D18	DD	LIC	NEWTON, NJ	BLCDT20101130AAX	276.1
Yes	WTVH	D18	DT	CP	SYRACUSE, NY	BLANK0000094502	7.0
Yes	WTVH	D18	DT	APP	SYRACUSE, NY	BLANK0000119614	7.7
No	CJOH-TV-6	D16	DT	LIC	DESERONTO, ON	BLANKCANADA170	157.7
Yes	CITY-DT-3	D17	DT	LIC	OTTAWA, ON	BLANKCANADA199	255.2
Yes	CIII-DT-41	D17	DT	LIC	TORONTO, ON	BLANKCANADA237	282.9
No	CJNT-DT	D17	DT	LIC	MONTRAL, QC	BLANKCANADA281	344.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D17
Latitude: 42 56 42.00 N (NAD83)
Longitude: 76 1 27.00 W
Height AMSL: 707.0 m
HAAT: 401.0 m
Peak ERP: 285 kW
Antenna: AND-ALP16M2-HSOC-17 (ID 44725) 0.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

39.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	285 kW	529.3 m	108.6 km
45.0	227	427.4	98.4
90.0	127	366.3	89.9
135.0	108	307.1	82.5
180.0	130	229.8	76.5
225.0	108	403.5	91.2
270.0	127	422.4	93.4
315.0	227	522.1	106.0

**Proposal is within coordination distance of Canadian border
Distance to Canadian border: 98.6 km

Distance to Mexican border: 2673.6 km

Conditions at FCC monitoring station: Canandaigua NY
Bearing: 268.4 degrees Distance: 101.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 272.7 degrees Distance: 2436.4 km

No land mobile station failures found

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 0.33% interference to DTVBL77515 BL scenario 1

Proposal causes no interference to BLANK0000040408 LIC

Proposal causes 0.22% interference to BLANK0000094502 CP scenario 2

Proposal causes 0.43% interference to BLANK0000119614 APP scenario 1

Proposal causes no interference to BLANKCANADA199 LIC

Proposal causes 0.01% interference to BLANKCANADA237 LIC scenario 1

---- Below is IX received by proposal BLCDT20030812ABK ----

Proposal receives 1.83% interference from scenario 1

**MX with BLANK0000119614 APP scenario 2, 1.50% interference received