

Study created: 2020.08.12 16:04:45

Study build station data: LMS TV 2020-07-23

Proposal: WDTB-LD D18 LD LIC HAMBURG, NY  
File number: BLANK0000017735  
Facility ID: 61426  
Station data: User record  
Record ID: 89  
Country: U.S.

Search options:  
Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W17EJ-D	D17	LD	CP	ELMIRA, NY	BLANK0000071860	168.7 km
No	W16BE-D	D17	LD	CP	HORNELL, ALFRED, NY	BLANK0000052817	76.4
No	WSYR-TV	D17	DT	LIC	SYRACUSE, NY	BLCDDT20030812ABK	232.3
No	W17DU-D	D17	LD	CP	DUBOIS, PA	BNPDTL20100609AGF	156.2
No	WEYI-TV	D18	DT	LIC	SAGINAW, MI	BLANK0000075003	395.3
No	WMBC-TV	D18	DT	APP	NEWTON, NJ	BLANK0000035693	469.4
No	WMBC-TV	D18	DD	LIC	NEWTON, NJ	BLCDDT20101130AAX	447.1
No	WNYT	D18	LD	LIC	ALBANY, NY	BLCDDT20100323AAZ	427.9
No	WWNY-CD	D18	DC	LIC	MASSENA, NY	BLDTL20101118ALZ	369.3
No	WTVH	D18	DT	CP	SYRACUSE, NY	BLANK0000094502	225.4
No	W18EY-D	D18	LD	CP	CANTON, OH	BLANK0000072053	354.3
No	W18ES-D	D18	LD	LIC	MANSFIELD, OH	BLANK0000087113	384.3
No	WOIO	D18	LD	LIC	SHAKER HEIGHTS, OH	BLANK0000079849	301.2
No	WXTM-LD	D18	LD	CP	ERIE, PA	BLANK0000072360	129.6
No	W20BL-D	D19	LD	CP	BATH, NY	BLANK0000053061	118.1
No	WECY-LD	D19	LD	CP	Elmira, NY	BLANK0000053150	213.1
No	WSTM-TV	D19	DT	LIC	SYRACUSE, NY	BLANK0000090187	224.6
No	W19EI-D	D19	LD	CP	DUBOIS, PA	BNPDTL20100609AGG	156.2
No	WEPA-LD	D19	LD	CP	ERIE, PA	BNPDTL20100714ACL	129.6
No	WWHC-LP	N20	TX	LIC	OLEAN, NY	BLANK0000022154	99.5
No	WAWW-LP	N20-	TX	LIC	ROCHESTER, NY	BLTTL20121029AAV	108.7
No	CIII-DT-41D17		DT	LIC	TORONTO, ON	BLANKCANADA237	94.3
No	CICO-DT-18D18		DT	LIC	LONDON, ON	BLANKCANADA186	201.9
Yes	CFMT-DT	D18	DT	LIC	TORONTO, ON	BLANKCANADA239	94.3
No	CJMT-DT-1	D19	DT	LIC	LONDON, ON	BLANKCANADA187	201.9
No	CICA-DT	D19	DT	LIC	TORONTO, ON	BLANKCANADA233	94.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D18  
Mask: Full Service  
Latitude: 42 52 48.50 N (NAD83)  
Longitude: 78 52 35.10 W  
Height AMSL: 363.4 m  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: BOG-B16UB 100.0 deg  
Elev Pattn: Generic  
Elec Tilt: 1.00

49.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.182 kW	179.0 m	28.1 km
45.0	5.86	164.8	45.1
90.0	14.7	172.6	50.2
135.0	10.2	162.7	47.8
180.0	0.864	181.8	36.2
225.0	0.018	189.4	17.2
270.0	0.013	185.2	15.5
315.0	0.013	185.3	15.5

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 178 m

**\*\*Proposal 24.15 dBu contour crosses Canadian border, coordination required**  
Distance to Canadian border: 3.2 km

Distance to Mexican border: 2472.0 km

Conditions at FCC monitoring station: Canandaigua NY  
Bearing: 87.8 degrees    Distance: 131.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 271.1 degrees    Distance: 2204.6 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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%

----- Below is IX received by proposal BLANK0000017735 -----

Proposal receives 10.56% interference from scenario 1

No IX check failures found.