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Study build station data: LMS TV 2019-04-21

Proposal: WDSS-LD D21 LD CP SYRACUSE, NY  
File number: BPDTL20120223AEE  
Facility ID: 47688  
Station data: User record  
Record ID: 2399  
Country: U.S.

Build options:  
Protect baseline records from LPTV

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WSTQ-LP	N14z	TX	LIC	SYRACUSE, NY	BLTTL20030604ABA	13.5 km
No	W20BL-D	D20	LD	LIC	BATH, NY	BLDTL20120315AAG	115.5
No	WBGH-CD	D20z	DC	LIC	BINGHAMTON, NY	BLANK0000004524	99.3
No	W20CM	D20-	LD	CP	PORT JERVIS, NY	BLANK0000056338	200.8
No	WAWW-LP	N20-	TX	LIC	ROCHESTER, NY	BLTTL20121029AAV	122.1
Yes	WCNY-TV	D20	DT	CP	SYRACUSE, NY	BLANK0000028027	1.1
Yes	WCNY-TV	D20	DT	BL	SYRACUSE, NY	DTVBL53734	1.1
No	W20CP-D	D20	LD	CP	MANSFIELD, PA	BLANK0000063289	148.1
No	W20CP-D	D20	LD	LIC	MANSFIELD, PA	BLDTT20081128ABW	148.1
No	W25AQ-D	D20	LD	CP	TOWANDA, PA	BLANK0000051861	143.8
No	WEDW	D21	DT	CP	BRIDGEPORT, CT	BLANK0000034869	297.2
No	WEDW	D21	DD	APP	BRIDGEPORT, CT	BLANK0000036047	297.2
No	WEDW	D21	DT	BL	BRIDGEPORT, CT	DTVBL13594	303.7
No	WSBK-TV	D21	DT	CP	BOSTON, MA	BLANK0000034574	404.2
No	WSBK-TV	D21	DT	BL	BOSTON, MA	DTVBL73982	404.2
No	WFXQ-CD	D21	DC	CP	SPRINGFIELD, MA	BLANK0000027611	293.4
No	WSHM-LD	D21	LD	LIC	SPRINGFIELD, MA	BLDTL20101124ABC	316.2
No	WFXQ-CD	D21	DC	BL	SPRINGFIELD, MA	DTVBL2650	293.4
No	WMPT	D21	DT	CP	ANNAPOLIS, MD	BLANK0000029874	439.5
No	WFPT	D21	DT	BL	FREDERICK, MD	DTVBL40626	421.9
Yes	W21CP-D	D21	LD	LIC	GLOVERSVILLE, NY	BLDTT20090601AQC	141.7
No	W25DY-D	D21	LD	CP	MONTICELLO, NY	BLANK0000052137	184.4
Yes	WROC-TV	D21	DT	CP	ROCHESTER, NY	BLANK0000055351	122.0
Yes	WROC-TV	D21	DT	BL	ROCHESTER, NY	DTVBL73964	122.0
No	W21DO-D	D21	LD	CP	DUBOIS, PA	BNPDTL20100609AGH	267.5
No	WSEE-TV	D21	DT	CP	ERIE, PA	BLANK0000063404	339.7

No	WSEE-TV	D21	DT	BL	ERIE, PA	DTVBL49711	334.3
No	W16CO-D	D21	LD	CP	MIDDLEBURG, PA	BLANK0000054372	300.7
No	WEFG-LD	D21	LD	CP	PHILADELPHIA, PA	BLANK0000062985	327.4
No	WPNT	D21	DT	CP	PITTSBURGH, PA	BLANK0000034376	422.9
No	WPNT	D21	DT	BL	PITTSBURGH, PA	DTVBL73907	422.9
No	W21CQ	N21+	TX	LIC	BENNINGTON, VT	BLTTL20061201AAG	210.0
No	WECY-LD	D22	LD	LIC	Elmira, NY	BLANK0000024397	119.7
No	WXXI-TV	D22	DT	CP	ROCHESTER, NY	BLANK0000029838	122.0
No	WXXI-TV	D22	DT	BL	ROCHESTER, NY	DTVBL57274	122.0
No	WCWN	D22	DT	CP	SCHENECTADY, NY	BLANK0000033782	174.5
No	WCWN	D22	DT	BL	SCHENECTADY, NY	DTVBL73264	174.5
Yes	WBLZ-LD	D22	LD	CP	SYRACUSE, NY	BLANK0000052577	13.5
No	W22DO-D	D22	LD	LIC	UTICA, NY	BLDTT20111024AES	78.4
No	WOLF-TV	D22	DT	CP	HAZLETON, PA	BLANK0000027934	196.9
No	WOLF-TV	D22	DT	BL	HAZLETON, PA	DTVBL73375	196.9
No	WNEP-TV	D22	LD	LIC	SCRANTON, PA	BLCDT20091216AAH	156.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D21  
 Mask: Full Service  
 Latitude: 42 56 45.20 N (NAD83)  
 Longitude: 76 6 16.00 W  
 Height AMSL: 474.5 m  
 HAAT: 0.0 m  
 Peak ERP: 15.0 kW  
 Antenna: AND-ALP12W (ID 16493) 90.0 deg  
 Elev Pattn: Generic  
 Elec Tilt: 1.75

49.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	12.8 kW	288.0 m	55.8 km
45.0	13.4	272.9	55.2
90.0	15.0	133.2	47.3
135.0	13.4	66.3	39.2
180.0	12.8	58.4	37.6
225.0	4.66	112.1	39.9
270.0	0.871	239.2	39.0

315.0            4.66            271.6            49.5

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 180 m

\*\*Proposal 24.46 dBu contour crosses Canadian border, coordination required  
Distance to Canadian border: 94.5 km

Distance to Mexican border: 2668.5 km

Conditions at FCC monitoring station: Canandaigua NY  
Bearing: 268.2 degrees    Distance: 94.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 272.6 degrees    Distance: 2429.8 km

No land mobile station failures found

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%

---- Below is IX received by proposal BPDTL20120223AEE ----

Proposal receives 8.95% interference from scenario 1  
No IX check failures found.