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Study build station data: LMS TV 2018-03-31 (46)

Proposal: WPXU-LD D29 LD LIC AMITYVILLE, NY
File number: BLDVL20110505ABI
Facility ID: 2129
Station data: User record
Record ID: 1095
Country: U.S.

Build options:

Protect pre-transition records not on baseline channel
Protect baseline records from LPTV

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W26CE	N26-	TX	LIC	NEW YORK, NY	BLTTTL20080306ABU	101.4 km
No	W26DB-D	N26-	TX	LIC	PORT JERVIS, NY	BLTTTL20070223AHI	89.5
No	W28AJ	N28z	TX	LIC	ALLINGTOWN, CT	BLTTTL20010608AAO	102.5
No	WHPX-TV	D28	DT	CP	NEW LONDON, CT	BLANK0000034398	165.2
No	WHPX-TV	D28	DT	BL	NEW LONDON, CT	DTVBL51980	165.2
No	WNBC	D28	DT	LIC	NEW YORK, NY	BLANK0000003184	2.1
No	WEPT-CD	D28	DC	CP	NEWBURGH, NY	BLANK0000034537	106.4
No	WEPT-CD	D28	DC	BL	NEWBURGH, NY	DTVBL30429	147.5
No	W28ES-D	D28z	LD	LIC	PORT JERVIS, NY	BLANK0000048521	24.3
No	WFPA-CD	D28	DC	LIC	PHILADELPHIA, PA	BLANK0000001669	133.9
No	WCAU	D28	DT	CP	PHILADELPHIA, PA	BLANK0000034346	133.9
No	WCAU	D28	DT	BL	PHILADELPHIA, PA	DTVBL63153	133.9
No	WBRE-TV	D28	LD	LIC	WILKES-BARRE, PA	BLCDT20091211ADO	155.6
No	WUTF-TV	D29	DT	LIC	WORCESTER, MA	BLANK0000001072	256.4
No	WMPB	D29	DT	LIC	BALTIMORE, MD	BLEDT20090330AEX	280.1
No	WWPB	D29	DT	CP	HAGERSTOWN, MD	BLANK0000034108	361.5
No	WWPB	D29	DT	BL	HAGERSTOWN, MD	DTVBL65943	361.4
No	WMDT	D29	DT	CP	SALISBURY, MD	BLANK0000027459	293.2
No	WMDT	D29	DT	BL	SALISBURY, MD	DTVBL16455	293.2
No	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	285.1
No	WNEU	D29	DT	BL	MERRIMACK, NH	DTVBL51864	315.9
Yes	W49BE-D	D29z	LD	APP	HACKETTSTOWN, NJ	BLANK0000041594	77.1
Yes	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.8
Yes	WLNY-TV	D29	DT	BL	RIVERHEAD, NY	DTVBL73206	89.8
No	WBGT-CD	D29	DC	CP	ROCHESTER, NY	BLANK0000033856	398.7
No	WKTU	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	272.3
No	W47DH-D	D29	LD	APP	CLARKS SUMMIT, ETC., PA	BLANK0000039291	163.8

No	WJAC-TV	D29	LD	LIC	JOHNSTOWN, PA	BLCDT20130416AAU	403.5
No	WHVL-LP	N29+	TX	LIC	STATE COLLEGE, ETC., PA	BLTTL19911123JH	337.3
No	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	268.9
No	WQMY	D29	DT	APP	WILLIAMSPORT, PA	BLANK0000035754	268.9
No	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000034543	141.3
No	WEDH	D30	DT	BL	HARTFORD, CT	DTVBL13602	141.3
No	WFUT-DT	D30	DT	LIC	NEWARK, NJ	BLANK0000037827	2.1
No	W30AZ-D	D30	LD	LIC	ELLENVILLE, NY	BLDTL20141229AGO	116.6
No	WNYN-LD	D30	LD	APP	NEW YORK, NY	BLANK0000048135	0.8
No	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000033618	134.2
No	WELL-LD	D30	LD	LIC	PHILADELPHIA, PA	BLDTL20100208AAC	134.1
No	KYW-TV	D30	DT	BL	PHILADELPHIA, PA	DTVBL25453	134.2
No	W32EI-D	N32-	TX	LIC	PORT JERVIS, NY	BLTTL20121024AAB	89.5
No	W35DK-D	N36z	TX	LIC	SUSSEX, NJ	BLTT19970806JC	64.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29
 Mask: Full Service
 Latitude: 40 45 42.20 N (NAD83)
 Longitude: 73 58 5.00 W
 Height AMSL: 288.0 m
 HAAT: 0.0 m
 Peak ERP: 0.065 kW
 Antenna: SWR-SWLP12ECBR 260.0 deg
 Elev Pattn: Generic

50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.038 kW	249.5 m	22.2 km
45.0	0.000	278.3	1.6
90.0	0.000	273.4	1.6
135.0	0.002	272.0	10.2
180.0	0.061	272.7	25.7
225.0	0.054	286.7	25.6
270.0	0.062	275.7	25.9
315.0	0.061	270.0	25.6

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 272 m

Distance to Canadian border: 394.9 km

Distance to Mexican border: 2676.8 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 234.8 degrees Distance: 300.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 278.9 degrees Distance: 2630.3 km

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 BLDVL20110505ABI ----

Proposal receives 36.87% interference from scenario 1
No IX check failures found.