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Study build station data: LMS TV 2024-02-26

Proposal: W29FF-D D29 LD LIC ATLANTIC CITY, NJ  
File number: BLANK0000226586  
Facility ID: 68044  
Station data: User record  
Record ID: 2804  
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WHPX-TV	D28	DT	LIC	NEW LONDON, CT	BLANK0000080171	225.2 km
No	WFPT	D28	DT	LIC	FREDERICK, MD	BLANK0000160164	259.8
No	WGDV-LD	D28	LD	LIC	SALISBURY, MD	BLANK0000125653	208.5
No	WNYP-LD	D28	LD	CP	New york, NY	BLANK0000127436	106.0
No	WNYJ-LD	D28-	LD	LIC	Newburgh, NY	BLANK0000205864	183.8
No	WEPT-CD	D28	DC	LIC	Peekskill, NY	BLANK0000205865	153.4
No	WEPT-CD	D28	DC	APP	Peekskill, NY	BLANK0000235282	106.0
Yes	WCAU	D28	DT	LIC	PHILADELPHIA, PA	BLANK0000218152	64.7
No	WTXX-LD	D29	LD	LIC	SPRINGFIELD, MA	BLANK0000184610	210.5
No	WWPB	D29	DT	LIC	HAGERSTOWN, MD	BLANK0000114259	301.9
No	WMDT	D29	DT	LIC	SALISBURY, MD	BLANK0000125726	208.5
No	WNEU	D29	DT	LIC	MERRIMACK, NH	BLANK0000116628	365.4
Yes	W29EV-D	D29z	LD	LIC	HACKETTSTOWN, NJ	BLANK0000074735	89.3
Yes	WPXU-LD	D29+	LD	LIC	AMITYVILLE, NY	BLANK0000203099	83.9
No	W29EZ-D	D29	LD	LIC	ELMIRA, NY	BLANK0000066382	288.2
Yes	WNYD-LD	D29+	LD	LIC	NEW YORK, NY	BLANK0000203192	83.9
Yes	WLNY-TV	D29	DT	LIC	RIVERHEAD, NY	BLANK0000080208	158.8
No	WBGT-CD	D29	DC	LIC	ROCHESTER, NY	BLANK0000095379	424.1
No	WRGB	D29	LD	LIC	SCHENECTADY, NY	BLANK0000129770	209.5
No	WKTV	D29	DT	LIC	UTICA, NY	BLC DT20060630ACL	335.2
No	W29EU-D	D29	LD	LIC	CLARKS SUMMIT, ETC., PA	BLANK0000060867	182.1
Yes	WELL-LD	D29	LD	LIC	PHILADELPHIA, PA	BLANK0000150430	64.7
Yes	W29FQ-D	D29	LD	LIC	POTTSVILLE, PA	BLANK0000165230	158.6
No	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLC DT20090223ABU	253.6
No	WQMY	D29	DT	CP	WILLIAMSPORT, PA	BLANK0000035754	253.6
No	WDWA-LD	D29	LD	LIC	DAMASCUS, VA	BLANK0000215026	246.5
No	WDWA-LD	D29	LD	APP	DAMASCUS, VA	BLANK0000215215	234.1
No	WCVW	D29	DT	LIC	RICHMOND, VA	BLANK0000186570	395.1
No	WEDH	D30	DT	LIC	HARTFORD, CT	BLANK0000080371	225.2
No	WYNB-LD	D30	LD	LIC	ELLENVILLE, NY	BLANK0000116043	175.8
No	WNJJ-LD	D30	LD	LIC	NEW YORK, NY	BLANK0000194202	78.2
No	WNJJ-LD	D30	LD	CP	NEW YORK, NY	BLANK0000218568	69.5

No	WNYN-LD	D30	LD	CP	NEW YORK, NY	BLANK0000232290	69.5
No	WRLD-LD	D30	LD	LIC	KINGSTON, PA	BLANK0000150592	179.2
Yes	KYW-TV	D30	DT	LIC	PHILADELPHIA, PA	BLANK0000218168	65.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29  
 Mask: Full Service  
 Latitude: 40 6 23.00 N (NAD83)  
 Longitude: 74 28 49.90 W  
 Height AMSL: 140.0 m  
 HAAT: 0.0 m  
 Peak ERP: 15.0 kW  
 Antenna: 0.0 deg  
 Elev Pattn: Generic

50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	89.5 m	42.3 km
45.0	6.34	94.6	38.7
90.0	15.0	101.8	43.8
135.0	15.0	107.4	44.4
180.0	15.0	106.9	44.4
225.0	15.0	108.5	44.5
270.0	15.0	111.4	44.8
315.0	15.0	107.0	44.4

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 103 m

Distance to Canadian border: 436.1 km

Distance to Mexican border: 2602.5 km

Conditions at FCC monitoring station: Laurel MD

Bearing: 243.2 degrees    Distance: 226.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 280.2 degrees    Distance: 2599.6 km

Study cell size: 1.00 km  
Profile point spacing: 0.10 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 BLANK0000226586 ----

Proposal receives 33.97% interference from scenario 1  
No IX check failures found.