



A Limited Liability Company

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## Request for LPTV Engineering STA TVStudy Analysis Summary Version 2.2.5.

Study created: 2021.12.22 09:27:00

Study build station data: LMS TV 2021-12-22

Proposal: WTZP-LD D31 LD STA PORTSMOUTH, OH  
File number: WTZP-LD STA20211217  
Facility ID: 68009  
Station data: User record  
Record ID: 735  
Country: U.S.

Build options:  
Protect pre-transition records not on baseline channel

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	WKPC-TV	D30	DT	LIC	LOUISVILLE, KY	BLANK0000087420	244.7 km
Yes	WKMR	D30	DT	LIC	MOREHEAD, KY	BLANK0000075044	71.5
No	WZCD-LD	D30	LD	LIC	CINCINNATI-DAYTON, OH	BLANK0000153260	125.8
No	WZCD-LD	D30	LD	CP	CINCINNATI-DAYTON, OH	BLANK0000155339	133.0
No	WHIZ-TV	D30	DT	LIC	ZANESVILLE, OH	BLANK0000125049	159.3
No	W31ET-D	D31	LD	CP	FORT WAYNE, IN	BLANK0000074400	295.0
No	WQDE-LD	D31	LD	LIC	Indianapolis, IN	BLANK0000108667	298.2
No	DNKOG-LP	D31	DC	BL	INDIANAPOLIS, IN	DTVBL34894	288.9
No	WNIT	D31	DT	LIC	SOUTH BEND, IN	BLANK0000087078	413.5
No	WVUT	D31	DT	LIC	VINCENNES, IN	BLANK0000087466	383.1
No	WKMA-TV	D31	DT	LIC	MADISONVILLE, KY	BLANK0000087442	427.4
No	WMYD	D31	DT	LIC	DETROIT, MI	BLANK0000125639	409.8
No	W31DH-D	D31	LD	LIC	FRANKLIN, ETC, NC	BLANK0000143463	382.5
No	WGHP	D31	DT	LIC	HIGH POINT, NC	BLANK0000158670	434.1
No	W31DI-D	D31	LD	LIC	SPRUCE PINE, NC	BLANK0000130730	331.3
Yes	WDTN	D31	DT	LIC	DAYTON, OH	BLANK0000126718	148.0
Yes	WJOS-LD	D31	LD	CP	POMEROY, OH	BLANK0000054745	94.8
No	WJOS-LD	D31	LD	APP	POMEROY, OH	BLANK0000159549	94.8
No	WYTV	D31	DT	LIC	YOUNGSTOWN, OH	BLANK0000081168	327.8
No	WATM-TV	D31	DT	LIC	ALTOONA, PA	BLANK0000105303	443.1
No	DWBBP-LP	N31+	TX	APP	FREEDOM, PA	BLTTL20040909ABD	322.2
No	W1IC-LD	D31+	LD	LIC	PITTSBURGH, PA	BLANK0000001503	324.6
No	KDKA-TV	D31	LD	APP	PITTSBURGH, PA	BDRTCDT20090630ADY	302.4
No	WBXX-TV	D31	DT	LIC	CROSSVILLE, TN	BLANK0000081641	315.6
No	WAHU-LD	D31	LD	LIC	CROZET, VA	BLANK0000177047	408.3
Yes	WOAY-TV	D31	DT	LIC	OAK HILL, WV	BLANK0000096583	189.0
No	W32FD-D	D32	LD	LIC	LOUISA, KY	BLANK0000087487	82.4
No	WDRB	D32	DT	LIC	LOUISVILLE, KY	BLANK0000087865	246.6

No	WOUB-TV	D32	DT	LIC	ATHENS, OH	BLANK0000068360	99.8
No	DWWRD-LP	N32+	TX	LIC	DAYTON, OH	BLTTL20071011AAP	134.7
No	WKPT-TV	D32	DT	LIC	KINGSPORT, TN	BLANK0000070485	271.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D31  
Mask: Full Service  
Latitude: 38 45 42.00 N (NAD83)  
Longitude: 83 3 41.00 W  
Height AMSL: 363.6 m  
HAAT: 120.6 m  
Peak ERP: 10.2 kW  
Antenna: ANT ATS1X1 80.0 deg  
Elev Pattn: Generic

50.4 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.102 kW	124.5 m	19.9 km
45.0	4.58	147.5	41.2
90.0	9.60	160.9	45.9
135.0	1.11	145.7	33.8
180.0	0.102	124.6	19.9
225.0	0.102	92.5	16.8
270.0	0.102	47.8	12.3
315.0	0.102	121.9	19.7

Distance to Canadian border: 325.6 km

Distance to Mexican border: 1922.4 km

Conditions at FCC monitoring station: Allegan MI  
Bearing: 331.2 degrees Distance: 491.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 281.7 degrees Distance: 1903.4 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 WTZP-LD STA20211217 -----

Proposal receives 5.26% interference from scenario 1  
No IX check failures found.