

Study created: 2018.05.29 18:56:44

Study build station data: LMS TV 2018-05-29

Proposal: W41DO-D D33 LD LIC NEW YORK, NY

File number: W41DO ch33 PSI AH mod .9 kw

Facility ID: 60554

Station data: User record

Record ID: 19

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Individual records excluded:

0000048556 WCBS-TV D33 DT LIC \*P NEW YORK, NY BLANK0000048556

20041029AIL WFSB D33 DT LIC HARTFORD, CT BLC DT20041029AIL

20080619AAZ WCBS-TV D33 DT CP NEW YORK, NY BMPCDT20080619AAZ

20090612AFN WCBS-TV D33 DT LIC NEW YORK, NY BLC DT20090612AFN

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W26DB-D	N26-	TX	LIC	West Orange, NJ	BLTTL20070223AHI	89.5 km
No	W26CE	N26-	TX	LIC	NEW YORK, NY	BLTTL20080306ABU	101.4
No	WRNT-LD	D32	LD	APP	HARTFORD, CT	BLANK0000053149	151.0
No	W32EI-D	D32-	LD	APP	West Orange, NJ	BLANK0000033498	24.3
No	W32EI-D	D32-	LD	LIC	West Orange, NJ	BLANK0000015198	59.4
No	W32EI-D	N32-	TX	LIC	West Orange, NJ	BLTTL20121024AAB	89.5
Yes	WLIW	D32	DT	CP	GARDEN CITY, NY	BLANK0000034431	6.6
No	WXNY-LD	D32	LD	LIC	NEW YORK, NY	BLDTL20090908ACO	2.6
No	WHP-TV	D32	DT	CP	HARRISBURG, PA	BLANK0000027770	249.3
No	WHP-TV	D32	DT	APP	HARRISBURG, PA	BLANK0000033781	249.3
No	WPSG	D32	DT	LIC	PHILADELPHIA, PA	BLANK0000001047	133.9
No	WZPA-LD	D32	LD	APP	PHILADELPHIA, PA	BLANK0000051673	136.1
No	WQPX-TV	D32	DT	LIC	SCRANTON, PA	BLCDT20060629AFR	165.2
Yes	WCCT-TV	D33	DT	CP	WATERBURY, CT	BLANK0000034241	141.3
No	WHUT-TV	D33	DT	APP	WASHINGTON, DC	BLANK0000035679	333.2
No	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLEDT20071018AIJ	333.2
No	WHUT-TV	D33	DT	CP	WASHINGTON, DC	BPEDT20120627AAD	333.2
No	WCVB-TV	D33	DT	CP	BOSTON, MA	BLANK0000034567	285.1
No	WMPX-LP	D33	LD	CP	DENNIS, MA	BDFCDTL20090515ABS	319.8

No	WMPX-LP	N33z	TX LIC	DENNIS, MA	BLTTL20041202ACZ	319.8
No	WPXG-TV	D33	DT LIC	CONCORD, NH	BLANK0000053337	347.0
No	WSJZ-LD	D33	LD LIC	Ocean View, NJ	BLANK0000036551	219.1
No	WSJZ-LD	D33	LD CP	Ocean View, NJ	BLANK0000036596	258.5
No	WGRZ	D33	DT APP	BUFFALO, NY	BLANK0000035664	438.7
No	WGRZ	D33	DT LIC	BUFFALO, NY	BLCDT20050705AAG	438.7
No	WNGX-LD	D33	LD APP	SCHENECTADY, NY	BLANK0000051695	253.7
No	WVVC-LD	D33	LD LIC	UTICA, NY	BLDTL20110829AAZ	272.6
No	W33CR-D	D33	LD LIC	CHAMBERSBURG, PA	BLDTT20100503ACB	329.5
Yes	WPSG	D33	DT CP	PHILADELPHIA, PA	BLANK0000034323	134.2
No	WZPA-LD	D33	LD CP	PHILADELPHIA, PA	BDFCDTL20100915ABB	133.9
No	WZPA-LD	D33	LD LIC	PHILADELPHIA, PA	BLDTL20120615AAK	133.9
Yes	WQPX-TV	D33	DT CP	SCRANTON, PA	BLANK0000034918	165.2
No	W33DZ-D	D33	LD CP	WILLIAMSPORT, PA	BDCCDTT20130103ACT	256.9
No	WTIC-TV	D34	DT CP	HARTFORD, CT	BLANK0000025068	141.3
No	WXXX-LD	D34	LD LIC	New Haven, CT	BLANK0000022340	113.7
No	WPPX-TV	D34	DT CP	WILMINGTON, DE	BLANK0000034931	134.0
Yes	W34DI-D	D34+	LD LIC	West Orange, NJ	BLANK0000048491	24.3
No	W34DI-D	N34+	TX LIC	West Orange, NJ	BLTTL20070223AHK	89.5
No	WIVT	D34	DT LIC	BINGHAMTON, NY	BLCDT20090819AGR	219.0
No	WPXN-TV	D34	DT CP	NEW YORK, NY	BLANK0000034356	6.6

No	WMHT	D34	DT LIC	SCHENECTADY, NY	BLEDT20040108ALV	207.2
No	WCAU	D34	DT LIC	PHILADELPHIA, PA	BLANK0000053192	133.9
No	WSWB	D34	DT CP	SCRANTON, PA	BLANK0000034421	165.4
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: D33

Mask: Full Service

Latitude: 40 45 42.20 N (NAD83)

Longitude: 73 58 5.00 W

Height AMSL: 270.7 m

HAAT: 0.0 m

Peak ERP: 0.900 kW

Antenna: PSI modified AH pattern 225.0 deg

Elev Pattn: Generic

Elec Tilt: 1.25

50.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.261 kW	232.2 m	31.0 km
45.0	0.036	261.0	22.1
90.0	0.261	256.1	32.1
135.0	0.900	254.7	38.6
180.0	0.237	255.4	31.6
225.0	0.025	269.4	20.5
270.0	0.237	258.4	31.7
315.0	0.900	252.7	38.5

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 255 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: 0.50 km

Profile point spacing: 0.50 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 W41DO ch33 PSI AH mod ----

Proposal receives 34.65% interference from scenario 1

Proposal receives 34.65% interference from scenario 2

No IX check failures found.