

TVSTUDY INTERFERENCE ANALYSIS RESULTS  
 PROPOSED W33ET-D  
 CHANNEL 33 – NEW YORK, NEW YORK  
 [MODIFICATION OF LMS-0000048498]

Study created: 2022.07.28 16:54:00

Study build station data: LMS TV 2022-07-26

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

File number: BLANK0000048498

Facility ID: 60554

Station data: User record

Record ID: 141Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WNYJ-LD	N26-	TX	LIC	New York, NY	BLTTL20070223AHI	89.7 km
No	DW26CE	N26-	TX	APP	NEW YORK, NY	BLTTL20080306ABU	103.1
No	WRNT-LD	D32	LD	LIC	HARTFORD, CT	BLANK0000194535	153.1
Yes	WLIW	D32	DT	LIC	GARDEN CITY, NY	BLANK0000086492	4.6
No	W32EI-D	D32-	LD	LIC	PORT JERVIS, NY	BLANK0000015198	58.8
No	W32EI-D	N32-	TX	LIC	PORT JERVIS, NY	BLTTL20121024AAB	89.7
No	WHP-TV	D32	DT	LIC	HARRISBURG, PA	BLANK0000080028	247.6
No	WZPA-LD	D32	LD	LIC	PHILADELPHIA, PA	BLANK0000121505	134.0
Yes	WCCT-TV	D33	DT	LIC	WATERBURY, CT	BLANK0000159940	143.5
No	WHUT-TV	D33	DT	LIC	WASHINGTON, DC	BLANK0000178029	331.1
No	WCVB-TV	D33	DT	LIC	BOSTON, MA	BLANK0000117945	287.1
No	WCVB-TV	D33	DT	CP	BOSTON, MA	BLANK0000127502	287.1
No	WMPX-LD	N33z	TX	LIC	DENNIS, MA	BLTTL20041202ACZ	321.7
No	WOWZ-LD	D33	LD	LIC	SALISBURY, MD	BLANK0000184175	291.2
No	WSKG-TV	D33	LD	CP	BINGHAMTON, NY	BLANK0000054938	280.1
No	WGRZ	D33	DT	CP	BUFFALO, NY	BLANK0000035664	438.2
No	WGRZ	D33	DT	LIC	BUFFALO, NY	BLANK0000137137	438.2
Yes	W32EI-D	D33	LD	APP	PORT JERVIS, NY	BLANK0000179104	2.1

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No	WNGX-LD	D33	LD LIC	SCHENECTADY, NY	BLANK0000082224	255.4
No	WVVC-LD	D33	LD LIC	UTICA, NY	BLDTL20110829AAZ	273.4
No	WJAC-TV	D33	LD LIC	JOHNSTOWN, PA	BLANK0000150586	376.1
Yes	WPSG	D33	DT LIC	PHILADELPHIA, PA	BLANK0000129342	132.2
Yes	WQPX-TV	D33	DT LIC	SCRANTON, PA	BLANK0000080158	164.5
No	WTIC-TV	D34	DT LIC	HARTFORD, CT	BLANK0000159941	143.5
No	WPPX-TV	D34	DT LIC	WILMINGTON, DE	BLANK0000181597	131.9
Yes	WPXN-TV	D34	DT LIC	NEW YORK, NY	BLANK0000086780	4.6
No	WHTV-LD	N34+	TX LIC	New York, NY	BLTTL20070223AHK	89.7
No	WSWB	D34	DT LIC	SCRANTON, PA	BLANK0000079375	164.8
No	W23EX-D	N36z	TX LIC	SUSSEX, NJ	BLTT19970806JC	63.9

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 44 54.00 N (NAD83)

Longitude: 73 59 9.00 W

Height AMSL: 313.5 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: Scala 0.0 deg

Elev Pattn: Generic

50.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	6.34 kW	277.9 m	50.1 km
45.0	0.026	303.6	22.0
90.0	1.31	301.5	42.8
135.0	14.4	303.6	55.9
180.0	3.19	297.2	47.4
225.0	0.000	312.9	7.9
270.0	0.403	304.1	36.4
315.0	12.1	302.7	54.9

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 300 m

Distance to Canadian border: 395.2 km

Distance to Mexican border: 2674.8 km

Conditions at FCC monitoring station: Laurel MD

Bearing: 234.8 degrees Distance: 298.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 278.9 degrees Distance: 2629.1 km

Study cell size: 0.50 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%

\*\*MX with BLANK0000179104 APP scenario 1, 84.07% interference caused