Study created: 2020.07.10 09:30:30 JMc

Study build station data: LMS TV 2020-07-10

```
    Proposal: WKOB-LD D13 LD CP NEW YORK, NY
 File number: BLANK0000054730
 Facility ID: 51441
Station data: User record
   Record ID: 1021
     Country: U.S.
```

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

Individual records excluded:
0000056301 WNET D13 DT LIC NEWARK, NJ BLANK0000056301
0000073241 WASA-LD D13 LD CP PORT JERVIS, NY BLANK0000073241

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WHYY-TV	D12	DT	LIC	WILMINGTON, DE	BLANK0000053946	127.8 km
No	WBAL-TV	D12	DT	CP	BALTIMORE, MD	BLANK0000034523	271.8
No	WNET	D12	DT	CP	NEWARK, NJ	BLANK0000060576	0.0
No	WNYT	D12	DT	LIC	ALBANY, NY	BLANK0000004731	212.6
Yes	WPXU-LD	D12	LD	LIC	New york city, NY	BLDVL20110505ABI	6.6
No	WYOU	D12	DT	CP	SCRANTON, PA	BLANK0000028347	164.7
No	WYOU	D12	DT	LIC	SCRANTON, PA	BLANK0000116962	164.7
No	WNAC-TV	D12	DT	LIC	PROVIDENCE, RI	BLCDT20090612AFT	262.2
Yes	WHYY-TV	D13	DT	CP	WILMINGTON, DE	BLANK0000113088	127.8
Yes	WNYA	D13	DT	LIC	PITTSFIELD, MA	BLCDT20090619ADK	213.9
Yes	WGBY-TV	D13	DT	LIC	SPRINGFIELD, MA	BLANK0000079844	204.4
No	WJZ-TV	D13	DT	LIC	BALTIMORE, MD	BLCDT20110914AAS	271.8
No	WNYI	D13	DT	LIC	ITHACA, NY	BLANK0000080187	307.0
Yes	WYOU	D13	DT	LIC	SCRANTON, PA	BLCDT20051123AJU	164.7
No	WVNY	D13	DT	LIC	BURLINGTON, VT	BLCDT20061113ABH	435.0
No	WWPX-TV	D13	DT	CP	MARTINSBURG, WV	BLANK0000078091	359.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D13
       Mask: Full Service
   Latitude:  40 42 46.80 N (NAD83)
  Longitude:  74  0 47.30 W
Height AMSL: 425.2 m
       HAAT: 0.0 m
   Peak ERP: 3.00 kW
    Antenna: TCP-C2-1/2M-1 C-71354-1 0.0 deg
Elev Pattrn: Generic
```

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.51 kW	408.6 m	67.7 km
45.0	1.80	422.6	65.7
90.0	2.39	405.5	67.2

135.0	1.41	412.5	63.4
180.0	0.003	416.4	20.3
225.0	0.000	419.0	10.4
270.0	0.000	418.5	10.4
315.0	0.088	414.9	42.8

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 415 m

Distance to Canadian border: 397.2 km

Distance to Mexican border: 2670.8 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 235.2 degrees Distance: 294.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 279.0 degrees Distance: 2627.4 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 BLANK0000054730 ----

Proposal receives 4.18% interference from scenario 1
No IX check failures found.