

FIGURE 3 - FCC TVSTUDY SUMMARY REPORT

Proposal: WHWV-LD D21 LD APP Huntington, WV
 File number: WHWV MOD OF CP
 Facility ID: 68037
 Station data: User record
 Record ID: 712
 Country: U.S.

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

Search options:
 Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WYMT-TV	D20	DT	CP	HAZARD, KY	BLANK0000185947	148.2 km
No	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	189.1
No	WOVA-LD	D20	LD	LIC	PARKERSBURG, WV	BLANK0000120282	132.6
No	WFYI	D21	DT	LIC	INDIANAPOLIS, IN	BLEDT20100803ADB	356.0
No	WRLW-CD	D21-	DC	LIC	SALEM, IN	BLANK0000112941	309.8
Yes	WKYT-TV	D21	DT	LIC	LEXINGTON, KY	BLANK0000074953	168.8
No	WWJ-TV	D21	DT	LIC	DETROIT, MI	BLANK0000125983	450.4
No	W21DV-D	D21	LD	LIC	BRYSON CITY, NC	BLANK0000080638	347.2
No	WUNG-TV	D21	DT	LIC	CONCORD, NC	BLANK0000113063	381.3
No	W34EP-D	D21	LD	CP	SAPPHIRE VALLEY,ETC., NC	BLANK0000199977	334.0
No	WQDI-LD	D21	LD	LIC	CANTON, OH	BLANK0000079989	347.9
No	WJW	D21	LD	CP	CLEVELAND, OH	BDRTCDT20101123A0J	308.7
Yes	WBNS-TV	D21	DT	LIC	COLUMBUS, OH	BLCDT20021025ABK	177.1
No	WSEE-TV	D21	DT	LIC	ERIE, PA	BLANK0000074552	452.9
No	WPNT	D21	DT	LIC	PITTSBURGH, PA	BLANK0000112577	316.2
No	W14CX-D	D21	LD	CP	KNOXVILLE, TN	BLANK0000195611	298.0
No	WKNX-TV	D21	DT	APP	KNOXVILLE, TN	BLANK0000210505	295.6
No	WUXP-TV	D21	DT	LIC	NASHVILLE, TN	BLANK0000159943	446.6
No	WWCW	D21	DT	LIC	LYNCHBURG, VA	BLANK0000199504	282.5
No	W21EB-D	D21	LD	LIC	CLARKSBURG, WV	BLANK0000160514	215.5
No	W21EB-D	D21	LD	CP	CLARKSBURG, WV	BLANK0000162212	228.8
No	W21EA-D	D21	LD	LIC	PARKERSBURG, WV	BLANK0000160509	134.8
No	W21DZ-D	D21	LD	LIC	ROMNEY, WV	BLANK0000208185	344.6
No	WCVN-TV	D22	DT	LIC	COVINGTON, KY	BLANK0000214280	183.9
No	WOCB-CD	D22	DC	LIC	MARION, OH	BLANK0000072129	214.5
Yes	WSAZ-TV	D22	DT	LIC	HUNTINGTON, WV	BLANK0000213703	28.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D21
 Mask: Full Service
 Latitude: 38 25 30.30 N (NAD83)
 Longitude: 82 31 57.70 W
 Height AMSL: 344.0 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: PSI-PSILP160I (ID 20399) 75.0 deg
 Elev Pattern: Generic
 Elec Tilt: 0.75

49.5 dBU contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	8.10 kW	90.0 m	40.2 km
45.0	13.5	114.8	45.5
90.0	14.7	158.4	49.0
135.0	10.1	100.8	42.6
180.0	5.77	135.4	42.7

225.0	6.14	118.6	41.9
270.0	6.63	129.9	43.0
315.0	5.40	132.3	42.1

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 123 m

Distance to Canadian border: 361.6 km

Distance to Mexican border: 1930.9 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 78.8 degrees Distance: 501.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 282.8 degrees Distance: 1956.2 km

No land mobile station failures found

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%

Proposal causes no interference to BLANK0000185947 CP
Proposal causes 0.01% interference to BLANK0000074953 LIC scenario 1
Proposal causes 0.05% interference to BLCDT20021025ABK LIC scenario 1
Proposal causes no interference to BLANK0000213703 LIC

---- Below is IX received by proposal WHWV MOD OF CP ----

Proposal receives 13.84% interference from scenario 1
No IX check failures found.