

WXVK-LD MOD OF CP FCC TVSTUDY SUMMARY REPORT
 DEFAULT CELL SIZE 1.0 KM
 DEFAULT PROFILE SPACING 1.0 KM

Proposal: WXVK-LD D34 LD APP Columbus, GA
 File number: WXVK-LD CH34 CPMOD
 Facility ID: 58773
 Station data: User record
 Record ID: 632
 Country: 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	WPXH-TV	D33	DT	LIC	HOOVER, AL	BLANK0000105366	178.6 km
No	WFRZ-LD	D33	LD	LIC	MONTGOMERY, AL	BLANK0000081666	95.4
No	WDFX-TV	D33	DT	CP	OZARK, AL	BLANK0000035653	159.3
No	WDFX-TV	D33	DT	LIC	OZARK, AL	BLCDT20050915APH	159.3
No	WPCT	D33	DT	LIC	PANAMA CITY BEACH, FL	BLANK0000062892	274.1
No	W33EU-D	D33	LD	LIC	ATHENS, GA	BLANK0000197450	227.3
No	WIRE-CD	D33	DC	LIC	ATLANTA, GA	BLANK0000130086	149.7
No	WTSG-LD	D33	LD	CP	CHULA, GA	BLANK0000190120	189.5
Yes	WCAC-LD	D33	LD	LIC	LAGRANGE, GA	BLDTL20130411AAA	52.8
No	WGNM	D33	DT	LIC	MACON, GA	BLANK0000113679	155.1
No	W34FB-D	D34	LD	LIC	HAMILTON, AL	BLANK0000118546	301.1
No	W34EY-D	D34	DC	LIC	HUNTSVILLE, AL	BLANK0000069366	267.5
Yes	WBIH	D34	DT	LIC	SELMA, AL	BLANK0000110807	153.5
No	W34FW-D	D34	LD	CP	JASPER, FL	BLANK0000197259	370.5
No	W34FW-D	D34	LD	LIC	JASPER, FL	BLANK0000158188	324.8
No	W34FF-D	D34-	LD	LIC	PANAMA CITY, FL	BLANK0000179306	256.5
No	WHBR	D34	DT	LIC	PENSACOLA, FL	BLCDT20060627AAV	319.4
Yes	WATC-DT	D34	LD	LIC	ATLANTA, GA	BLANK0000107129	177.4
No	W34FO-D	D34	LD	LIC	AUGUSTA, GA	BLANK0000179561	255.1
Yes	WSST-TV	D34	DT	LIC	CORDELE, GA	BLANK0000064103	153.2
No	W34FX-D	D34	LD	LIC	MONTROSE, GA	BLANK0000194505	237.1
No	W34FT-D	D34	LD	CP	WASHINGTON, GA	BNPDTL20090825BXG	259.2
No	WRBJ-TV	D34	DT	LIC	MAGEE, MS	BLCDT20110511AGB	411.1
No	W34EP-D	D34	LD	LIC	SAPPHIRE VALLEY,ETC., NC	BLANK0000119380	367.2
No	WNSC-TV	D34	DT	LIC	ROCK HILL, SC	BLANK0000105822	460.3
No	WVLT-TV	D34	DT	LIC	KNOXVILLE, TN	BLANK0000081956	394.6
No	DWKNI-LP	D35-	LD	APP	ANDALUSIA, AL	BLANK0000054917	180.0
No	WOTM-LD	D35	LD	LIC	Birmingham, AL	BLANK0000184910	162.2
No	WEAC-CD	D35	DC	LIC	JACKSONVILLE, AL	BLANK0000112954	129.6
No	WUDC-LD	D35	LD	CP	MONTGOMERY, AL	BNPDTL20091026ABC	95.4
No	K35OX-D	D35	LD	LIC	SELMA, AL	BLANK0000189526	168.3
No	K35OX-D	D35	LD	CP	SELMA, AL	BLANK0000193252	178.7
No	WUVG-DT	D35	LD	LIC	ATHENS, GA	BLANK0000081844	227.3
No	WDTA-LD	D35	LD	LIC	ATLANTA, GA	BLANK0000126643	149.7
Yes	WLTZ	D35	DT	LIC	COLUMBUS, GA	BLCDT20060627ABT	33.8
No	W35BB-D	D35	LD	LIC	DUBLIN, GA	BLDTL20141230AAP	219.0
No	W35DA-D	D35	LD	CP	MACON, GA	BLANK0000197147	146.0
No	W35DA-D	D35	LD	LIC	MACON, GA	BLANK0000198001	146.0

No non-directional AM stations found within 0.8 km
 No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D34
 Mask: Full Service
 Latitude: 32 35 55.40 N (NAD83)
 Longitude: 85 12 19.70 W
 Height AMSL: 269.9 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: PSI-PSILP120I (ID 20364) 125.0 deg
 Elev Pattn: Generic

50.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	5.40 kW	72.3 m	34.3 km
45.0	7.56	94.6	39.1
90.0	13.0	118.4	44.2

135.0	15.0	115.5	44.7
180.0	10.7	125.2	43.7
225.0	5.95	89.9	37.3
270.0	5.95	63.8	33.5
315.0	6.73	57.6	33.1

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 92 m

Distance to Canadian border: 1033.4 km
 Distance to Mexican border: 1352.3 km

Conditions at FCC monitoring station: Powder Springs GA
 Bearing: 17.6 degrees Distance: 147.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 300.8 degrees Distance: 1971.3 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%

Proposal causes no interference to BLDL20130411AAA LIC
 Proposal causes 0.09% interference to BLANK0000110807 LIC scenario 1
 Proposal causes 0.01% interference to BLANK0000107129 LIC scenario 1
 Proposal causes 0.02% interference to BLANK0000064103 LIC scenario 1
 Proposal causes 0.07% interference to BLCDT20060627ABT LIC scenario 1

---- Below is IX received by proposal WXVK-LD CH34 CPMOD ----

Proposal receives 7.84% interference from scenario 1

No IX check failures found.