

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Percent allowed new interference: 0.500
 Percent allowed new interference to non Class A LPTV: 2.000
 TW Census data selected 2000
 Data Base Selected
 /export/home/cdbb/pt_tvdb.sff

Date: 12-19-2014 Time: 12:06:34

Record Selected for Analysis

WMDO-CA BLDVL -20080905AAP WASHINGTON DC US
 Channel 08 ERP 0.198 kW HAAT 181 m RCAMSL 00213 m STRINGENT MASK
 Latitude 038-56-24 Longitude 0077-04-54
 Status LIC Zone Border Site number: 01
 Last update 00000000 Cutoff date 00000000 Docket
 Comments
 Applicant ENTRAVISION HOLDINGS, LLC

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station
 Service Class = LD
 Maximum height/power limits not checked

Site number	1		
Azimuth	ERP	HAAT	48.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	0.198	121.4	29.943
45.0	0.198	135.1	31.228
90.0	0.198	172.7	34.835
135.0	0.198	181.0	35.526
180.0	0.198	172.3	34.798
225.0	0.198	121.9	29.988
270.0	0.198	128.4	30.589
315.0	0.198	128.2	30.571

Database HAAT does not agree with computed HAAT
 Database HAAT: 181 Computed HAAT: 145

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN	
08	WMDO-CA	WASHINGTON DC	BLDVL	20080905AAP

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WJLA-TV	WASHINGTON DC	1.2	LIC	BLCDT	-20110706ABC
07	WNGA-LD	SALISBURY MD	142.9	LIC	BLDVL	-20121219AEJ
07	W07DP-D	HARRISBURG PA	151.9	LIC	BLDVL	-20100929AFP
07	WWJT-LP	PHILADELPHIA PA	199.2	LIC	BLTVL	-20070112AIC
07	W07DN-D	WARDENSVILLE, ETC. WV	119.1	LIC	BLDTV	-20081016AAY
08	WRAV-LP	OCEAN CITY MD	176.7	LIC	BLTVL	-19941207JD
08	WAUG-LP	RALEIGH NC	375.4	APP	BSTA	-20131213BGQ
08	WAUG-LP	RALEIGH NC	375.4	CP MOD	BMPDVL	-20111003AUA
08	WNJB	NEW BRUNSWICK NJ	288.8	LIC	BLEDT	-20110427ABF
08	WICZ-TV	BINGHAMTON NY	359.4	LIC	BLCDT	-20060320AFC
08	WWCP-TV	JOHNSTOWN PA	224.7	LIC	BLANK	-0000001044
08	WGAL	LANCASTER PA	128.0	LIC	BLCDT	-20110323ABF
08	WGAL	LANCASTER PA	128.0	APP	BPCDT	-20110516ACI
08	WVNS-TV	LEWISBURG WV	341.5	LIC	BLCDT	-20050923AGX
08	W08EE-D	MARTINSBURG WV	102.4	LIC	BLDTV	-20081014AEN
08	W08EK-D	PARKERSBURG WV	379.3	CP	BPDVL	-20140627ABH
08	W08EK-D	PARKERSBURG WV	379.3	LIC	BLDVL	-20140527AIA
08	WWVW-LD	WHEELING WV	338.5	APP	BPDVL	-20130703ACW
08	WWVW-LD	WHEELING WV	338.5	LIC	BLDVL	-20121102ADW
09	WUSA	WASHINGTON DC	1.2	LIC	BLCDT	-20110314ACQ
09	W09CT-D	MATHIAS, ETC. WV	157.8	LIC	BLDTV	-20090121AGY

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	WMDO-CA	WASHINGTON DC	BLDVL	-20080905AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WJLA-TV	WASHINGTON DC	1.2	LIC	BLCDDT	-20110706ABC
08	WNJB	NEW BRUNSWICK NJ	288.8	LIC	BLEDDT	-20110427ABF
08	WICZ-TV	BINGHAMTON NY	359.4	LIC	BLCDDT	-20060320AFC
08	WWCP-TV	JOHNSTOWN PA	224.7	LIC	BLANK	-0000001044
08	WGAL	LANCASTER PA	128.0	LIC	BLCDDT	-20110323ABF
08	WGAL	LANCASTER PA	128.0	APP	BPCDDT	-20110516ACI
08	WVNS-TV	LEWISBURG WV	341.5	LIC	BLCDDT	-20050923AGX
08	W08EE-D	MARTINSBURG WV	102.4	LIC	BLDDTV	-20081014AEN
09	WUSA	WASHINGTON DC	1.2	LIC	BLCDDT	-20110314ACQ

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 22
Before Analysis

Results for: 8A DC WASHINGTON BLDVL 20080905AAP LIC
HAAT 181.0 m, ATV ERP 0.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3521714	3252.6
not affected by terrain losses	3521714	3252.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1602903	1881.0
lost to ATV IX only	1602903	1881.0
lost to all IX	1602903	1881.0

Potential Interfering Stations Included in above Scenario 1

7A DC WASHINGTON	BLCDDT	20110706ABC	LIC
8A PA LANCASTER	BLCDDT	20110323ABF	LIC
9A DC WASHINGTON	BLCDDT	20110314ACQ	LIC

Result key: 2
Scenario 2 Affected station 22
Before Analysis

Results for: 8A DC WASHINGTON BLDVL 20080905AAP LIC
HAAT 181.0 m, ATV ERP 0.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3521714	3252.6
not affected by terrain losses	3521714	3252.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1602989	1883.0
lost to ATV IX only	1602989	1883.0
lost to all IX	1602989	1883.0

Potential Interfering Stations Included in above Scenario 2

7A DC WASHINGTON	BLCDDT	20110706ABC	LIC
8A PA LANCASTER	BPCDDT	20110516ACI	APP
9A DC WASHINGTON	BLCDDT	20110314ACQ	LIC

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