

tvstudy v2.2.5 (4uoc83)
Database: 127.0.0.1, Study: BLANK0000052871 #1545, Model: Longley-Rice
Start: 2019.01.04 14:17:44

Study created: 2019.01.04 14:17:44

Study build station data: LMS TV 2019-01-03

Proposal: WXWZ-LD D36 LD CP GUAYAMA, PR
File number: BLANK0000052871
Facility ID: 168860
Station data: LMS TV 2019-01-03
Record ID: 25076ff36446e0a80164a8e797bc72ba
Country: U.S.

Search options:
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WMNS-LD	N22+	TX	LIC	CHARLOTTE AMALIE, VI	BLTTL20041015ABV	122.0 km
No	W29CB	N29	TX	LIC	ST. THOMAS, VI	BLTTL19971105II	120.0
No	W28EQ-D	N32+	TX	LIC	UTUADO, PR	BLTT19890703IC	69.2
Yes	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	71.9
Yes	W34ED-D	D35	LD	CP	Cayey, PR	BLANK0000054011	9.5
No	W36EP-D	D35	LD	CP	YAUCO, PR	BLANK0000053475	70.7
Yes	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	67.0
Yes	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	67.0
Yes	NEW	D36	LD	APP	CIDRA, PR	BNPDTL20090825BOZ	17.1
No	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	95.0
Yes	WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	70.6
Yes	NEW	D36	LD	APP	SAN JUAN, PR	BNPDTL20090825BRA	17.4
Yes	NEW	D36	LD	APP	YABUCOA, PR	BNPDTL20090825BGP	6.2
No	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	80.9
Yes	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	122.0
Yes	W29CB	D36	LD	CP	ST. THOMAS, VI	BDISDTL20091027ABC	120.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D36
Mask: Full Service
Latitude: 18 9 22.80 N (NAD83)
Longitude: 66 5 1.50 W
Height AMSL: 658.3 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: PSI-PSILP16BB-36EP (ID 1003070) 50.0 deg
Elev Pattn: Generic
Elec Tilt: 1.50

50.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	14.1 kW	405.2 m	60.5 km
45.0	14.7	562.2	66.3
90.0	14.4	398.2	60.3
135.0	2.71	145.2	37.8
180.0	0.662	71.0	23.4
225.0	0.900	154.1	32.7
270.0	0.600	194.3	33.0
315.0	1.22	219.7	38.0

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 269 m

Distance to Canadian border: 2959.8 km

Distance to Mexican border: 3284.6 km

Conditions at FCC monitoring station: Santa Isabel PR
Bearing: 241.4 degrees Distance: 35.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 311.5 degrees Distance: 4462.6 km

Study cell size: 2.00 km
Profile point spacing: 0.14 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

Interference to BLANK0000026046 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	
Undesireds:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	71.9 km
	WIDP	D34	DT	CP	GUAYAMA, PR	BLANK0000025304	95.9
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	27.5
	WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	17.2
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	22603.4	3,417,254	18386.6	2,650,601	17725.2	2,600,663	0.11 0.21
Undesired			Total IX		Unique IX, before	Unique IX, after	
WXWZ-LD D36 LD CP		20.0	5,524		20.0	5,524	
WIDP D34 DT CP		8.0	489		8.0	489	
WIMN-CD D36 DC CP		16.0	8,165		16.0	8,165	
WVOZ-TV D36 DT LIC		637.4	35,760		637.4	35,760	

Interference to BLANK0000026046 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	
Undesireds:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	71.9 km
	WIDP	D34	DT	CP	GUAYAMA, PR	BLANK0000025304	95.9
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	27.5
	WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	17.2
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	22603.4	3,417,254	18386.6	2,650,601	17717.2	2,597,903	0.11 0.21
Undesired			Total IX		Unique IX, before	Unique IX, after	
WXWZ-LD D36 LD CP		20.0	5,524		20.0	5,524	
WIDP D34 DT CP		8.0	489		8.0	489	
WIMN-CD D36 DC LIC		24.0	10,925		24.0	10,925	
WVOZ-TV D36 DT LIC		637.4	35,760		637.4	35,760	

Interference to BLANK0000054011 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W34ED-D	D35	LD	CP	Cayey, PR	BLANK0000054011	
Undesireds:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	9.5 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	65.4
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	63.9
	NEW	D36	LD	APP	SAN JUAN, PR	BNPDTL20090825BRA	21.1
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	72.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
1916.7 1,445,993	1272.8 578,035	1264.8 567,818	1260.8 565,316	0.32 0.44
Undesired	Total IX	Unique IX, before	Unique IX, after	
WXWZ-LD D36 LD CP	4.0 2,502		4.0 2,502	
WCCV-TV D35 DT CP	8.0 10,217	0.0 0	0.0 0	
NEW D36 LD APP	8.0 10,217	0.0 0	0.0 0	

Interference to BLANK0000036058 CP scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	

Undesireds: WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	67.0 km
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Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
3788.6 615,804	3652.6 580,177	3652.6 580,177	3624.7 580,177	0.77 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
WXWZ-LD D36 LD CP	28.0 0		28.0 0	

Interference to BLDTA20140225AAJ LIC scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	

Undesireds: WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	67.0 km
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Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
3140.1 436,220	3092.1 415,402	3092.1 415,402	3028.2 415,402	2.07 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
WXWZ-LD D36 LD CP	63.9 0		63.9 0	

Interference to BNPDTL20090825BOZ APP scenario 1 (App. displaced by WXWZ-LD CP File Number: BLANK-0000052871)
**MX: 11.77% interference caused

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: NEW	D36	LD	APP	CIDRA, PR	BNPDTL20090825BOZ	

Undesireds: WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	17.1 km
WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	58.2
WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	79.5
WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	54.4
NEW	D36	LD	APP	YABUCOA, PR	BNPDTL20090825BGP	19.2
W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	64.5
WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	138.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5523.6 416,541	5259.1 383,429	1462.3 311,569	1394.2 274,894	4.65 11.77

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD CP	124.1	65,990			68.1	36,675
WIMN-CD D36 DC CP	4.0	1,397	0.0	0	0.0	0
WNTE-LD D36 LD LIC	618.1	0	0.0	0	0.0	0
WVOZ-TV D36 DT LIC	3580.3	38,412	818.2	38,412	818.2	38,412
NEW D36 LD APP	2489.1	31,603	208.5	30,206	160.4	4,133
W36EP-D D36 LD LIC	288.9	0	0.0	0	0.0	0
WTJX-TV D36 DT CP	8.0	1,845	4.0	1,845	0.0	0

Interference to BNPDTL20090825BOZ APP scenario 2 (App. displaced by WXWZ-LD CP File Number: BLANK-0000052871)

**MX: 11.77% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	NEW	D36	LD	APP	CIDRA, PR	BNPDTL20090825BOZ	
Undesireds:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	17.1 km
	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	79.5
	WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	54.4
	NEW	D36	LD	APP	YABUCOA, PR	BNPDTL20090825BGP	19.2
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	64.5
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	138.7

Service area	Terrain-limited	IX-free, before		IX-free, after		Percent New IX	
5523.6	416,541	5259.1	383,429	1462.3	311,569	1394.2	274,894 4.65 11.77

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD CP	124.1	65,990			68.1	36,675
WNTE-LD D36 LD LIC	618.1	0	0.0	0	0.0	0
WVOZ-TV D36 DT LIC	3580.3	38,412	818.2	38,412	818.2	38,412
NEW D36 LD APP	2489.1	31,603	212.5	31,603	160.4	4,133
W36EP-D D36 LD LIC	288.9	0	0.0	0	0.0	0
WTJX-TV D36 DT CP	8.0	1,845	4.0	1,845	0.0	0

Interference to BNPDTL20090825BOZ APP scenario 3 (App. displaced by WXWZ-LD CP File Number: BLANK-0000052871)

**MX: 11.77% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	NEW	D36	LD	APP	CIDRA, PR	BNPDTL20090825BOZ	
Undesireds:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	17.1 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	58.2
	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	79.5
	WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	54.4
	NEW	D36	LD	APP	YABUCOA, PR	BNPDTL20090825BGP	19.2

WTJX-TV D36 DT CP CHARLOTTE AMALIE, VI BLANK0000025655 138.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5523.6 416,541	5259.1 383,429	1462.3 311,569	1394.2 274,894	4.65 11.77
Undesired	Total IX	Unique IX, before	Unique IX, after	
WXWZ-LD D36 LD CP	124.1 65,990	68.1 36,675		
WIMN-CD D36 DC CP	4.0 1,397	0.0 0	0.0 0	
WNTE-LD D36 LD LIC	618.1 0	0.0 0	0.0 0	
WVOZ-TV D36 DT LIC	3580.3 38,412	822.2 38,412	822.2 38,412	
NEW D36 LD APP	2489.1 31,603	208.5 30,206	160.4 4,133	
WTJX-TV D36 DT CP	8.0 1,845	4.0 1,845	0.0 0	

Interference to BNPDTL20090825BOZ APP scenario 4 (App. displaced by WXWZ-LD CP File Number: BLANK-0000052871)

**MX: 11.77% interference caused

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: NEW	D36	LD	APP	CIDRA, PR	BNPDTL20090825BOZ	
Undesireds: WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	17.1 km
WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	79.5
WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	54.4
NEW	D36	LD	APP	YABUCOA, PR	BNPDTL20090825BGP	19.2
WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	138.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5523.6 416,541	5259.1 383,429	1462.3 311,569	1394.2 274,894	4.65 11.77
Undesired	Total IX	Unique IX, before	Unique IX, after	
WXWZ-LD D36 LD CP	124.1 65,990	68.1 36,675		
WNTE-LD D36 LD LIC	618.1 0	0.0 0	0.0 0	
WVOZ-TV D36 DT LIC	3580.3 38,412	822.2 38,412	822.2 38,412	
NEW D36 LD APP	2489.1 31,603	212.5 31,603	160.4 4,133	
WTJX-TV D36 DT CP	8.0 1,845	4.0 1,845	0.0 0	

Interference to BLANK0000058766 LIC scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	
Undesireds: WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	70.6 km
WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	17.2
WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	43.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
13771.3 1,132,932	13122.8 961,103	13050.7 961,103	13046.7 960,838	0.03 0.03

Undesired				Total IX	Unique IX, before	Unique IX, after
WXWZ-LD D36 LD CP	4.0			265		4.0 265
WCCV-TV D35 DT CP	72.1			0	0	68.1 0
WIMN-CD D36 DC CP	4.0			0	0	0.0 0

Interference to BLANK0000058766 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	
Undesireds:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	70.6 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	17.2

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	13771.3	1,132,932	13122.8		961,103	13050.7	960,838		0.03 0.03
Undesired				Total IX	Unique IX, before	Unique IX, after			
WXWZ-LD D36 LD CP			4.0	265		4.0	265		
WCCV-TV D35 DT CP			72.1	0	72.1	0	72.1	0	

Interference to BNPDTL20090825BRA APP scenario 1 (App. displaced by WXWZ-LD CP File Number: BLANK-0000052871)
**MX: 14.01% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	NEW	D36	LD	APP	SAN JUAN, PR	BNPDTL20090825BRA	
Undesireds:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	17.4 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	52.8
	NEW	D36	LD	APP	YABUCOA, PR	BNPDTL20090825BGP	23.7
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	76.6
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	128.6

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	3216.4	1,382,889	3156.4		1,351,721	2876.8	1,142,974		61.22 14.01
Undesired				Total IX	Unique IX, before	Unique IX, after			
WXWZ-LD D36 LD CP			1940.9	192,412		1761.1	186,287		
WIMN-CD D36 DC CP			263.7	14,805	215.7	10,519	75.9	10,430	
NEW D36 LD APP			59.9	11,941	12.0	7,655	4.0	3,950	
WTJX-TV D36 DT CP			4.0	0	4.0	0	4.0	0	

Interference to BNPDTL20090825BRA APP scenario 2 (App. displaced by WXWZ-LD CP File Number: BLANK-0000052871)
**MX: 14.01% interference caused

Desired:	Call NEW	Chan D36	Svc LD	Status APP	City, State SAN JUAN, PR	File Number BNPDTL20090825BRA	Distance
Undesireds:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	17.4 km
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	52.8
	NEW	D36	LD	APP	YABUCOA, PR	BNPDTL20090825BGP	23.7
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	76.6
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	128.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
3216.4 1,382,889	3156.4 1,351,721	2848.8 1,329,375	1119.6 1,143,088	60.70 14.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WXWZ-LD D36 LD CP 1940.9	192,412	1729.2	186,287
WIMN-CD D36 DC LIC 291.6	14,691	243.7	10,405
NEW D36 LD APP 59.9	11,941	12.0	7,655
WTJX-TV D36 DT CP 4.0	0	4.0	0

Interference to BNPDTL20090825BGP APP scenario 1 (App. displaced by WXWZ-LD CP File Number: BLANK-0000052871)

**MX: 24.03% interference caused

Desired:	Call NEW	Chan D36	Svc LD	Status APP	City, State YABUCOA, PR	File Number BNPDTL20090825BGP	Distance
Undesireds:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	6.2 km
	W34ED-D	D35	LD	CP	Cayey, PR	BLANK0000054011	11.0
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	72.6
	NEW	D36	LD	APP	CIDRA, PR	BNPDTL20090825BOZ	19.2
	WNTN-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	98.5
	WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	73.6
	NEW	D36	LD	APP	SAN JUAN, PR	BNPDTL20090825BRA	23.7
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	83.7
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	119.7
	W29CB	D36	LD	CP	ST. THOMAS, VI	BDISDTL20091027ABC	117.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
6620.2 796,787	6315.7 692,592	2620.2 580,240	2444.1 440,819	6.72 24.03

Undesired	Total IX	Unique IX, before	Unique IX, after
WXWZ-LD D36 LD CP 468.4	218,687	176.1	139,421
W34ED-D D35 LD CP 8.0	7,436	4.0	7,091
WIMN-CD D36 DC CP 8.0	1,639	0.0	0
NEW D36 LD APP 2894.1	63,343	1878.6	41,704

WNTE-LD D36 LD LIC	56.2	0	0.0	0	0.0	0
WVOZ-TV D36 DT LIC	999.5	4,965	20.0	220	20.0	220
NEW D36 LD APP	68.0	36,263	40.0	26,538	16.0	9,558
WTJX-TV D36 DT CP	753.4	20,932	709.3	13,936	569.2	13,936
W29CB D36 LD CP	20.0	879	0.0	0	0.0	0

Interference to BNPDTL20090825BGP APP scenario 2 (App. displaced by WXWZ-LD CP File Number: BLANK-0000052871)
**MX: 24.03% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	NEW	D36	LD	APP	YABUCOA, PR	BNPDTL20090825BGP	
Undesireds:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	6.2 km
	W34ED-D	D35	LD	CP	Cayey, PR	BLANK0000054011	11.0
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	72.6
	NEW	D36	LD	APP	CIDRA, PR	BNPDTL20090825BOZ	19.2
	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	98.5
	WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	73.6
	NEW	D36	LD	APP	SAN JUAN, PR	BNPDTL20090825BRA	23.7
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	83.7
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	119.7
	W29CB	D36	LD	CP	ST. THOMAS, VI	BDISDTL20091027ABC	117.7

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	6620.2	796,787	6315.7	692,592	2620.2	580,240	2444.1	440,819	6.72 24.03
Undesired				Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD CP	468.4		218,687			176.1	139,421		
W34ED-D D35 LD CP	8.0		7,436		4.0	7,091	0.0	0	
WIMN-CD D36 DC LIC	4.0		242		0.0	0	0.0	0	
NEW D36 LD APP	2894.1		63,343		1882.6	43,101	1810.6	4,627	
WNTE-LD D36 LD LIC	56.2		0		0.0	0	0.0	0	
WVOZ-TV D36 DT LIC	999.5		4,965		20.0	220	20.0	220	
NEW D36 LD APP	68.0		36,263		40.0	26,538	16.0	9,558	
WTJX-TV D36 DT CP	753.4		20,932		709.3	13,936	569.2	13,936	
W29CB D36 LD CP	20.0		879		0.0	0	0.0	0	

Interference to BLANK0000025655 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	

Undesireds:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	122.0 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	178.5
	WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	192.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
20284.7	135,017	19944.1	124,426	19936.0	124,426	19280.1	123,901	3.29 0.42

Undesired		Total IX	Unique IX, before	Unique IX, after
WXWZ-LD D36 LD CP	656.0	525		656.0 525
WVOZ-TV D36 DT LIC	8.0	0	8.0 0	8.0 0

Interference to BDISDTL20091027ABC CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W29CB	D36	LD	CP	ST. THOMAS, VI	BDISDTL20091027ABC	

Undesireds:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	120.0 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	176.6
	NEW	D36	LD	APP	YABUCOA, PR	BNPDTL20090825BGP	117.7
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	2.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
7698.5	56,214	7330.6	55,853	559.8	41,530	559.8	41,530	0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
WXWZ-LD D36 LD CP	356.1	230		0.0 0
NEW D36 LD APP	352.5	0	0.0 0	0.0 0
WTJX-TV D36 DT CP	6770.8	14,323	6418.3 14,323	6150.2 14,093

Interference to proposal scenario 1

**MX: 40.43% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	

Undesireds:	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	67.0 km
	NEW	D36	LD	APP	CIDRA, PR	BNPDTL20090825BOZ	17.1
	WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	70.6
	NEW	D36	LD	APP	SAN JUAN, PR	BNPDTL20090825BRA	17.4
	NEW	D36	LD	APP	YABUCOA, PR	BNPDTL20090825BGP	6.2

W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	80.9
WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	122.0
W29CB	D36	LD	CP	ST. THOMAS, VI	BDISDTL20091027ABC	120.0

Service area		Terrain-limited		IX-free		Percent IX
7105.8	2,286,496	5761.3	1,769,071	3239.4	1,053,748	43.77 40.43

Undesired		Total IX		Unique IX	Prcnt Unique IX
WIMN-CD D36 DC CP	267.7	92,148	0.0	0	0.00 0.00
NEW D36 LD APP	263.8	49,567	4.0	265	0.07 0.01
WVOZ-TV D36 DT LIC	4.0	0	0.0	0	0.00 0.00
NEW D36 LD APP	2061.5	657,010	1410.0	291,315	24.47 16.47
NEW D36 LD APP	904.0	395,825	108.1	47,408	1.88 2.68
WTJX-TV D36 DT CP	680.1	53,559	56.0	2,308	0.97 0.13
W29CB D36 LD CP	340.1	2,906	0.0	0	0.00 0.00

Interference to proposal scenario 2

**MX: 40.43% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WXWZ-LD	D36	LD	CP	GUAYAMA, PR	BLANK0000052871	
Undesireds:	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	67.0 km
	NEW	D36	LD	APP	CIDRA, PR	BNPDTL20090825BOZ	17.1
	WVOZ-TV	D36	DT	LIC	PONCE, PR	BLANK0000058766	70.6
	NEW	D36	LD	APP	SAN JUAN, PR	BNPDTL20090825BRA	17.4
	NEW	D36	LD	APP	YABUCOA, PR	BNPDTL20090825BGP	6.2
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	80.9
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	122.0
	W29CB	D36	LD	CP	ST. THOMAS, VI	BDISDTL20091027ABC	120.0

Service area		Terrain-limited		IX-free		Percent IX
7105.8	2,286,496	5761.3	1,769,071	3239.4	1,053,748	43.77 40.43

Undesired		Total IX		Unique IX	Prcnt Unique IX
WIMN-CD D36 DC LIC	227.8	55,442	0.0	0	0.00 0.00
NEW D36 LD APP	263.8	49,567	4.0	265	0.07 0.01
WVOZ-TV D36 DT LIC	4.0	0	0.0	0	0.00 0.00
NEW D36 LD APP	2061.5	657,010	1410.0	294,899	24.47 16.67
NEW D36 LD APP	904.0	395,825	108.1	47,408	1.88 2.68
WTJX-TV D36 DT CP	680.1	53,559	56.0	2,308	0.97 0.13
W29CB D36 LD CP	340.1	2,906	0.0	0	0.00 0.00