tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: **WXWZ Displacement Study**, Model: Longley-Rice
Start: 2018.04.17 10:42:07

Study created: 2018.04.17 10:42:06

Study build station data: LMS TV 2018-04-16

    Proposal: WXWZ-LD D23 LD LIC GUAYAMA, PR
 File number: BLDTL20100324ABD
 Facility ID: 168860
Station data: LMS TV 2018-04-16
   Record ID: b0457343dd114c6d9c6dcf6212b6c0ea
     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
Yes	WVDO-LD	D22	LD	LIC	CAROLINA, PR	BLDTL20131108AIF	27.8 km
No	WOST	D22	DT	LIC	MAYAGUEZ, PR	BLCDT20090813AAM	118.0
Yes	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	17.4
Yes	WMNS-LD	D22	LD	LIC	CHARLOTTE AMALIE, VI	BLANK0000008100	119.0
No	WMNS-LD	N22+	TX	LIC	CHARLOTTE AMALIE, VI	BLTTL20041015ABV	122.0
Yes	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	45.5
Yes	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	27.9
Yes	WNJX-TV	D23	DT	LIC	MAYAGUEZ, PR	BLCDT20081029ACA	95.0
No	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	117.6
Yes	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	150.4
Yes	WCVI-TV	D23	DT	LIC	CHRISTIANSTED, VI	BLCDT20090625AAH	150.4
No	WSJX-LP	N24z	TX	LIC	AQUADILLA, PR	BLTTL20050407AAH	116.0
Yes	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	13.8
Yes	W24EI-D	D24	LD	LIC	CAYEY, PR	BLANK0000004264	24.4
Yes	W24DW-D	D24	LD	LIC	CULEBRA, PR	BLANK0000010481	84.8
No	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	71.0
No	W24DO-D	D24	LD	LIC	SION FARM, ST CROIX, VI	BLANK0000010845	143.1
No	WWKQ-LD	N26-	TX	LIC	QUEBRADILLAS, PR	BLTTL20140508ABB	95.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

    Channel: D23
       Mask: Stringent
   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: ANT-ACS8DR (ID 17796) 50.0 deg
Elev Pattrn: Generic

49.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.17 kW	405.2 m	53.6 km
45.0	14.9	562.2	68.1
90.0	5.40	398.2	56.3
135.0	0.013	145.2	13.4
180.0	0.013	71.0	9.5

225.0	0.013	154.1	13.9
270.0	0.013	194.3	15.3
315.0	0.013	219.7	16.4

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: 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%

Interference to BLDTL20131108AIF LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVDO-LD	D22	LD	LIC	CAROLINA, PR	BLDTL20131108AIF	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.8 km
	W21DD-D	D21	LD	LIC	NAGUABO, PR	BLANK0000008490	18.9
	WJPX	D21	DT	LIC	SAN JUAN, PR	BLANK0000030022	0.1
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	33.1
	WMNS-LD	D22	LD	LIC	CHARLOTTE AMALIE, VI	BLANK0000008100	92.9
	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	18.9
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	0.1
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	132.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
10094.0	1,191,959	9160.9	1,122,006	5414.2	409,802	5414.2	409,802	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	148.7	159,437			0.0	0
W21DD-D D21 LD LIC	205.1	2,290	1.0	0	1.0	0
WJPX D21 DT LIC	710.8	660,498	75.9	38,006	61.1	20,055
WSJN-CD D22 DC CP	3287.2	506,673	2769.6	32,839	2769.6	32,839
WMNS-LD D22 LD LIC	321.3	198,838	23.7	1,023	23.7	1,023
W23EM-D D23 LD LIC	226.8	3,312	8.9	0	8.9	0
WVSN D23 DT CP	448.2	546,996	4.9	1,377	4.9	1,377

Interference to BLDTL20131108AIF LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVDO-LD	D22	LD	LIC	CAROLINA, PR	BLDTL20131108AIF	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.8 km
	W21DD-D	D21	LD	LIC	NAGUABO, PR	BLANK0000008490	18.9
	WJPX	D21	DT	LIC	SAN JUAN, PR	BLANK0000030022	0.1
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	33.1

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             WMNS-LD   N22+  TX  LIC     CHARLOTTE AMALIE, VI      BLTTL20041015ABV         96.0
             W23EM-D   D23   LD  LIC     CEIBA, PR                 BLANK0000010679          18.9
             WVSN      D23   DT  CP      HUMACAO, PR               BLANK0000034762           0.1
             WCVI-TV   D23   DT  CP      CHRISTIANSTED, VI         BLANK0000035961         132.7

        Service area       Terrain-limited       IX-free, before       IX-free, after    Percent New IX
 10094.0   1,191,959    9160.9   1,122,006    5417.2     409,802    5417.2     409,802     0.00     0.00

Undesired                          Total IX     Unique IX, before      Unique IX, after
WXWZ-LD D23 LD LIC        148.7     159,437                             0.0           0
W21DD-D D21 LD LIC        205.1       2,290       2.0           0       2.0           0
WJPX D21 DT LIC           710.8     660,498      78.8      38,151      64.1      20,200
WSJN-CD D22 DC CP        3287.2     506,673    2773.6      32,839    2773.6      32,839
WMNS-LD N22+ TX LIC       215.8      72,785      20.7       1,023      20.7       1,023
W23EM-D D23 LD LIC        226.8       3,312       8.9           0       8.9           0
WVSN D23 DT CP            448.2     546,996       6.9       2,360       5.9       1,377

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Interference to BLANK0000034542 CP scenario 1
**IX: 0.88% interference caused

             Call      Chan  Svc Status  City, State               File Number             Distance
Desired:     WSJN-CD   D22   DC  CP      SAN JUAN, PR              BLANK0000034542

Undesireds:  WXWZ-LD   D23   LD  LIC     GUAYAMA, PR               BLDTL20100324ABD         17.4 km
             WJPX      D21   DT  LIC     SAN JUAN, PR              BLANK0000030022          33.1
             WZVI      D21   DT  CP      CHARLOTTE AMALIE, VI      BLANK0000034334         132.6
             WVSN      D23   DT  CP      HUMACAO, PR               BLANK0000034762          33.2
             WQSJ-CD   D23   DC  CP      QUEBRADILLAS, PR          BLANK0000034540         107.5

        Service area       Terrain-limited       IX-free, before       IX-free, after    Percent New IX
  8024.1   2,314,036    7378.7   2,086,073    7219.2   1,989,265    7192.6   1,971,687     0.37     0.88

Undesired                          Total IX     Unique IX, before      Unique IX, after
WXWZ-LD D23 LD LIC         59.1      58,171                            26.6      17,578
WJPX D21 DT LIC           146.8      92,195     104.4      72,481      78.8      39,362
WVSN D23 DT CP             55.2      24,327      12.8       4,613      11.8       4,613

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Interference to BLANK0000034542 CP scenario 2
**IX: 0.88% interference caused

             Call      Chan  Svc Status  City, State               File Number             Distance
Desired:     WSJN-CD   D22   DC  CP      SAN JUAN, PR              BLANK0000034542

Undesireds:  WXWZ-LD   D23   LD  LIC     GUAYAMA, PR               BLDTL20100324ABD         17.4 km
             WJPX      D21   DT  LIC     SAN JUAN, PR              BLANK0000030022          33.1
             WZVI      D21   DT  CP      CHARLOTTE AMALIE, VI      BLANK0000034334         132.6
             WVSN      D23   DT  BL      HUMACAO, PR               DTVBL67190               33.2
             WQSJ-CD   D23   DC  CP      QUEBRADILLAS, PR          BLANK0000034540         107.5

        Service area       Terrain-limited       IX-free, before       IX-free, after    Percent New IX
  8024.1   2,314,036    7378.7   2,086,073    7225.1   1,992,493    7197.5   1,974,915     0.38     0.88

Undesired                          Total IX     Unique IX, before      Unique IX, after
WXWZ-LD D23 LD LIC         59.1      58,171                            27.6      17,578
WJPX D21 DT LIC           146.8      92,195     122.1      84,592      92.6      44,268
WVSN D23 DT BL             31.5       8,988       6.9       1,385       6.9       1,385

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Interference to BLANK0000008100 LIC scenario 1

             Call      Chan  Svc Status  City, State               File Number             Distance
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	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WMNS-LD	D22	LD	LIC	CHARLOTTE AMALIE, VI	BLANK0000008100	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	119.0 km
	W21DD-D	D21	LD	LIC	NAGUABO, PR	BLANK0000008490	74.1
	WZVI	D21	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000034334	7.4
	WVDO-LD	D22	LD	LIC	CAROLINA, PR	BLDTL20131108AIF	92.9
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	125.8
	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	74.1
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	72.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
9775.2	64,115	9416.0	63,900	9233.1	62,832	9233.1	62,832	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	3.0	0			0.0	0
W21DD-D D21 LD LIC	21.7	627	0.0	0	0.0	0
WZVI D21 DT CP	53.2	1,068	49.2	441	49.2	441
WVDO-LD D22 LD LIC	71.7	0	71.7	0	71.7	0
WSJN-CD D22 DC CP	25.6	0	24.6	0	24.6	0
W23EM-D D23 LD LIC	36.4	627	14.8	0	14.8	0

Interference to BLANK0000010679 LIC scenario 1
**IX: 3.63% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	45.5 km
	WVDO-LD	D22	LD	LIC	CAROLINA, PR	BLDTL20131108AIF	18.9
	WMNS-LD	D22	LD	LIC	CHARLOTTE AMALIE, VI	BLANK0000008100	74.1
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	18.8
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	116.3
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	45.9
	W24DW-D	D24	LD	LIC	CULEBRA, PR	BLANK0000010481	39.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
7519.1	344,651	7277.5	288,169	4298.1	219,872	3225.7	211,886	24.95	3.63

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	2381.4	23,055			1072.3	7,986
WVDO-LD D22 LD LIC	19.7	2,057	0.0	0	0.0	0
WMNS-LD D22 LD LIC	121.2	4,997	25.6	15	1.0	0
WVSN D23 DT CP	2744.0	64,235	2695.7	53,972	1629.0	44,789
WCVI-TV D23 DT CP	127.1	3,350	52.3	55	3.9	0
WUJA D24 DT CP	23.7	6,325	1.0	0	0.0	0
W24DW-D D24 LD LIC	148.7	3,209	67.0	1,027	7.9	1,010

Interference to BLANK0000010679 LIC scenario 2
**IX: 3.66% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	45.5 km
	WVDO-LD	D22	LD	LIC	CAROLINA, PR	BLDTL20131108AIF	18.9
	WMNS-LD	D22	LD	LIC	CHARLOTTE AMALIE, VI	BLANK0000008100	74.1
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	18.8
	WCVI-TV	D23	DT	LIC	CHRISTIANSTED, VI	BLCDT20090625AAH	116.3
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	45.9
	W24DW-D	D24	LD	LIC	CULEBRA, PR	BLANK0000010481	39.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX

7519.1	344,651	7277.5	288,169	4350.3	219,927	3229.7	211,886	25.76	3.66

Undesired		Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	2381.4	23,055				1120.6	8,041
WVDO-LD D22 LD LIC	19.7	2,057		0.0	0	0.0	0
WMNS-LD D22 LD LIC	121.2	4,997		34.5	2,456	3.0	2,441
WVSN D23 DT CP	2744.0	64,235		2696.6	53,972	1629.0	44,789
WCVI-TV D23 DT LIC	3.0	523		0.0	0	0.0	0
WUJA D24 DT CP	23.7	6,325		1.0	0	0.0	0
W24DW-D D24 LD LIC	148.7	3,209		81.8	1,028	11.8	1,011

Interference to BLANK0000010679 LIC scenario 3
**IX: 3.64% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	45.5 km
	WVDO-LD	D22	LD	LIC	CAROLINA, PR	BLDTL20131108AIF	18.9
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	18.8
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	116.3
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	45.9
	W24DW-D	D24	LD	LIC	CULEBRA, PR	BLANK0000010481	39.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
7519.1	344,651	7277.5	288,169	4323.7	219,887	3226.7	211,886	25.37	3.64

Undesired		Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	2381.4	23,055				1097.0	8,001
WVDO-LD D22 LD LIC	19.7	2,057		0.0	0	0.0	0
WVSN D23 DT CP	2744.0	64,235		2702.6	54,455	1631.0	45,272
WCVI-TV D23 DT CP	127.1	3,350		62.1	3,019	6.9	2,964
WUJA D24 DT CP	23.7	6,325		9.9	0	0.0	0
W24DW-D D24 LD LIC	148.7	3,209		75.8	1,027	7.9	1,010

Interference to BLANK0000010679 LIC scenario 4
**IX: 3.62% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	45.5 km
	WVDO-LD	D22	LD	LIC	CAROLINA, PR	BLDTL20131108AIF	18.9
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	18.8
	WCVI-TV	D23	DT	LIC	CHRISTIANSTED, VI	BLCDT20090625AAH	116.3
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	45.9
	W24DW-D	D24	LD	LIC	CULEBRA, PR	BLANK0000010481	39.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
7519.1	344,651	7277.5	288,169	4384.8	222,383	3232.6	214,327	26.28	3.62

Undesired		Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	2381.4	23,055				1152.2	8,056
WVDO-LD D22 LD LIC	19.7	2,057		0.0	0	0.0	0
WVSN D23 DT CP	2744.0	64,235		2703.5	54,455	1631.0	45,272
WCVI-TV D23 DT LIC	3.0	523		1.0	523	1.0	523
WUJA D24 DT CP	23.7	6,325		9.9	0	0.0	0
W24DW-D D24 LD LIC	148.7	3,209		134.9	1,028	12.8	1,011

Interference to BLANK0000034762 CP scenario 1
**IX: 9.15% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	33.2
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	140.7
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	132.6
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26309.7	2,945,963	23527.0	2,566,520	23035.8	2,526,122	17733.6	2,295,094	23.02	**9.15**

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563		5302.2	231,028
WSJN-CD D22 DC CP	86.6	15,189	24.6	13,354	23.6	13,354
WQSJ-CD D23 DC CP	64.1	11,069	37.4	10,791	37.4	10,791
WCVI-TV D23 DT CP	47.2	1,012	8.9	324	4.9	121
WUJA D24 DT CP	140.7	15,487	76.8	13,406	15.8	8,828
WQQZ-CD D24 DC CP	275.6	164	256.9	0	249.0	0

Interference to BLANK0000034762 CP scenario 2
**IX: 9.11% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	33.2
	WQSJ-CD	D23	DC	BL	QUEBRADILLAS, PR	DTVBL48237	140.7
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	132.6
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent **New IX**	
26309.7	2,945,963	23527.0	2,566,520	23063.4	2,535,763	17761.1	2,304,735	22.99	**9.11**

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563		5302.2	231,028
WSJN-CD D22 DC CP	86.6	15,189	25.6	13,354	24.6	13,354
WQSJ-CD D23 DC BL	10.8	1,154	9.9	1,150	9.9	1,150
WCVI-TV D23 DT CP	47.2	1,012	10.8	598	4.9	121
WUJA D24 DT CP	140.7	15,487	76.8	13,406	15.8	8,828
WQQZ-CD D24 DC CP	275.6	164	274.7	0	266.8	0

Interference to BLANK0000034762 CP scenario 3
**IX: 9.22% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	33.2
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	140.7
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	132.6
	WUJA	D24	DT	BL	CAGUAS, PR	DTVBL8156	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent **New IX**	

26309.7	2,945,963	23527.0	2,566,520	23053.5	2,530,628	17739.5	2,297,427	23.05	**9.22**

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563			5314.1	233,201
WSJN-CD D22 DC CP	86.6	15,189	24.6	13,354	23.6	13,354
WQSJ-CD D23 DC CP	64.1	11,069	37.4	10,791	37.4	10,791
WCVI-TV D23 DT CP	47.2	1,012	9.9	324	4.9	121
WUJA D24 DT BL	122.0	10,981	59.0	8,900	9.8	6,495
WQQZ-CD D24 DC CP	275.6	164	256.9	0	249.0	0

Interference to BLANK0000034762 CP scenario 4
**IX: 9.18% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	33.2
	WQSJ-CD	D23	DC	BL	QUEBRADILLAS, PR	DTVBL48237	140.7
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	132.6
	WUJA	D24	DT	BL	CAGUAS, PR	DTVBL8156	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent	**New IX**
26309.7	2,945,963	23527.0	2,566,520	23081.1	2,540,269	17767.0	2,307,068	23.02	**9.18**

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563			5314.1	233,201
WSJN-CD D22 DC CP	86.6	15,189	25.6	13,354	24.6	13,354
WQSJ-CD D23 DC BL	10.8	1,154	9.9	1,150	9.9	1,150
WCVI-TV D23 DT CP	47.2	1,012	11.8	598	4.9	121
WUJA D24 DT BL	122.0	10,981	59.0	8,900	9.8	6,495
WQQZ-CD D24 DC CP	275.6	164	274.7	0	266.8	0

Interference to BLANK0000034762 CP scenario 5
**IX: 9.15% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	33.2
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	140.7
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent	New IX
26309.7	2,945,963	23527.0	2,566,520	23044.7	2,526,446	17738.5	2,295,215	23.03	9.15

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563			5306.2	231,231
WSJN-CD D22 DC CP	86.6	15,189	24.6	13,354	23.6	13,354
WQSJ-CD D23 DC CP	64.1	11,069	40.4	11,069	38.4	10,795
WUJA D24 DT CP	140.7	15,487	79.7	13,652	15.8	8,828
WQQZ-CD D24 DC CP	275.6	164	257.8	164	249.0	0

Interference to BLANK0000034762 CP scenario 6
**IX: 9.13% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	33.2
	WQSJ-CD	D23	DC	BL	QUEBRADILLAS, PR	DTVBL48237	140.7
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26309.7	2,945,963	23527.0	2,566,520	23074.2	2,536,361	17766.0	2,304,856	23.00	9.13

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563		5308.2	231,505
WSJN-CD D22 DC CP	86.6	15,189	25.6	13,354	24.6	13,354
WQSJ-CD D23 DC BL	10.8	1,154	10.8	1,154	10.8	1,154
WUJA D24 DT CP	140.7	15,487	79.7	13,652	15.8	8,828
WQQZ-CD D24 DC CP	275.6	164	275.6	164	266.8	0

Interference to BLANK0000034762 CP scenario 7
**IX: 9.22% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	33.2
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	140.7
	WUJA	D24	DT	BL	CAGUAS, PR	DTVBL8156	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26309.7	2,945,963	23527.0	2,566,520	23063.4	2,530,952	17744.4	2,297,548	23.06	9.22

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563		5319.0	233,404
WSJN-CD D22 DC CP	86.6	15,189	24.6	13,354	23.6	13,354
WQSJ-CD D23 DC CP	64.1	11,069	40.4	11,069	38.4	10,795
WUJA D24 DT BL	122.0	10,981	61.0	9,146	9.8	6,495
WQQZ-CD D24 DC CP	275.6	164	257.8	164	249.0	0

Interference to BLANK0000034762 CP scenario 8
**IX: 9.20% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	33.2
	WQSJ-CD	D23	DC	BL	QUEBRADILLAS, PR	DTVBL48237	140.7
	WUJA	D24	DT	BL	CAGUAS, PR	DTVBL8156	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26309.7	2,945,963	23527.0	2,566,520	23092.9	2,540,867	17772.0	2,307,189	23.04	9.20

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563		5321.0	233,678
WSJN-CD D22 DC CP	86.6	15,189	25.6	13,354	24.6	13,354
WQSJ-CD D23 DC BL	10.8	1,154	10.8	1,154	10.8	1,154
WUJA D24 DT BL	122.0	10,981	61.0	9,146	9.8	6,495
WQQZ-CD D24 DC CP	275.6	164	275.6	164	266.8	0

Interference to BLANK0000034762 CP scenario 9
**IX: 9.14% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	BL	SAN JUAN, PR	DTVBL48239	33.2
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	140.7
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	132.6
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26309.7	2,945,963	23527.0	2,566,520	23038.7	2,527,543	17736.5	2,296,515	23.01	9.14

Undesired		Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563				5302.2	231,028
WSJN-CD D22 DC BL	79.7	13,590	21.7	11,933	20.7	11,933	
WQSJ-CD D23 DC CP	64.1	11,069	37.4	10,791	37.4	10,791	
WCVI-TV D23 DT CP	47.2	1,012	8.9	324	4.9	121	
WUJA D24 DT CP	140.7	15,487	80.7	13,584	16.7	8,936	
WQQZ-CD D24 DC CP	275.6	164	256.9	0	249.0	0	

Interference to BLANK0000034762 CP scenario 10
**IX: 9.11% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	BL	SAN JUAN, PR	DTVBL48239	33.2
	WQSJ-CD	D23	DC	BL	QUEBRADILLAS, PR	DTVBL48237	140.7
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	132.6
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26309.7	2,945,963	23527.0	2,566,520	23066.3	2,537,184	17764.1	2,306,156	22.99	9.11

Undesired		Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563				5302.2	231,028
WSJN-CD D22 DC BL	79.7	13,590	22.6	11,933	21.7	11,933	
WQSJ-CD D23 DC BL	10.8	1,154	9.9	1,150	9.9	1,150	
WCVI-TV D23 DT CP	47.2	1,012	10.8	598	4.9	121	
WUJA D24 DT CP	140.7	15,487	80.7	13,584	16.7	8,936	
WQQZ-CD D24 DC CP	275.6	164	274.7	0	266.8	0	

Interference to BLANK0000034762 CP scenario 11
**IX: 9.21% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	BL	SAN JUAN, PR	DTVBL48239	33.2
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	140.7
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	132.6
	WUJA	D24	DT	BL	CAGUAS, PR	DTVBL8156	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26309.7	2,945,963	23527.0	2,566,520	23056.5	2,532,049	17742.4	2,298,848	23.05	9.21

Undesired		Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563				5314.1	233,201
WSJN-CD D22 DC BL	79.7	13,590		21.7	11,933	20.7	11,933
WQSJ-CD D23 DC CP	64.1	11,069		37.4	10,791	37.4	10,791
WCVI-TV D23 DT CP	47.2	1,012		9.9	324	4.9	121
WUJA D24 DT BL	122.0	10,981		63.0	9,078	10.8	6,603
WQQZ-CD D24 DC CP	275.6	164		256.9	0	249.0	0

Interference to BLANK0000034762 CP scenario 12
**IX: 9.18% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	BL	SAN JUAN, PR	DTVBL48239	33.2
	WQSJ-CD	D23	DC	BL	QUEBRADILLAS, PR	DTVBL48237	140.7
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	132.6
	WUJA	D24	DT	BL	CAGUAS, PR	DTVBL8156	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26309.7	2,945,963	23527.0	2,566,520	23084.0	2,541,690	17770.0	2,308,489	23.02	9.18

Undesired		Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563				5314.1	233,201
WSJN-CD D22 DC BL	79.7	13,590		22.6	11,933	21.7	11,933
WQSJ-CD D23 DC BL	10.8	1,154		9.9	1,150	9.9	1,150
WCVI-TV D23 DT CP	47.2	1,012		11.8	598	4.9	121
WUJA D24 DT BL	122.0	10,981		63.0	9,078	10.8	6,603
WQQZ-CD D24 DC CP	275.6	164		274.7	0	266.8	0

Interference to BLANK0000034762 CP scenario 13
**IX: 9.15% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	BL	SAN JUAN, PR	DTVBL48239	33.2
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	140.7
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26309.7	2,945,963	23527.0	2,566,520	23047.6	2,527,867	17741.4	2,296,636	23.02	9.15

Undesired		Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563				5306.2	231,231
WSJN-CD D22 DC BL	79.7	13,590		21.7	11,933	20.7	11,933
WQSJ-CD D23 DC CP	64.1	11,069		40.4	11,069	38.4	10,795
WUJA D24 DT CP	140.7	15,487		83.7	13,830	16.7	8,936
WQQZ-CD D24 DC CP	275.6	164		257.8	164	249.0	0

Interference to BLANK0000034762 CP scenario 14
**IX: 9.12% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	BL	SAN JUAN, PR	DTVBL48239	33.2
	WQSJ-CD	D23	DC	BL	QUEBRADILLAS, PR	DTVBL48237	140.7
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26309.7	2,945,963	23527.0	2,566,520	23077.2	2,537,782	17769.0	2,306,277	23.00	9.12

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563		5308.2	231,505
WSJN-CD D22 DC BL	79.7	13,590	22.6	11,933	21.7	11,933
WQSJ-CD D23 DC BL	10.8	1,154	10.8	1,154	10.8	1,154
WUJA D24 DT CP	140.7	15,487	83.7	13,830	16.7	8,936
WQQZ-CD D24 DC CP	275.6	164	275.6	164	266.8	0

Interference to BLANK0000034762 CP scenario 15
**IX: 9.22% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	BL	SAN JUAN, PR	DTVBL48239	33.2
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	140.7
	WUJA	D24	DT	BL	CAGUAS, PR	DTVBL8156	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26309.7	2,945,963	23527.0	2,566,520	23066.3	2,532,373	17747.3	2,298,969	23.06	9.22

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563		5319.0	233,404
WSJN-CD D22 DC BL	79.7	13,590	21.7	11,933	20.7	11,933
WQSJ-CD D23 DC CP	64.1	11,069	40.4	11,069	38.4	10,795
WUJA D24 DT BL	122.0	10,981	64.9	9,324	10.8	6,603
WQQZ-CD D24 DC CP	275.6	164	257.8	164	249.0	0

Interference to BLANK0000034762 CP scenario 16
**IX: 9.19% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	27.9 km
	WSJN-CD	D22	DC	BL	SAN JUAN, PR	DTVBL48239	33.2
	WQSJ-CD	D23	DC	BL	QUEBRADILLAS, PR	DTVBL48237	140.7
	WUJA	D24	DT	BL	CAGUAS, PR	DTVBL8156	27.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	97.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26309.7	2,945,963	23527.0	2,566,520	23095.9	2,542,288	17774.9	2,308,610	23.04	9.19

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	5435.1	236,563		5321.0	233,678
WSJN-CD D22 DC BL	79.7	13,590	22.6	11,933	21.7	11,933
WQSJ-CD D23 DC BL	10.8	1,154	10.8	1,154	10.8	1,154
WUJA D24 DT BL	122.0	10,981	64.9	9,324	10.8	6,603
WQQZ-CD D24 DC CP	275.6	164	275.6	164	266.8	0

Interference to BLCDT20081029ACA LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNJX-TV	D23	DT	LIC	MAYAGUEZ, PR	BLCDT20081029ACA	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	95.0 km
	WOST	D22	DT	LIC	MAYAGUEZ, PR	BLCDT20090813AAM	28.4
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	242.6
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	25.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
38592.7	1,585,433	37942.4	1,391,135	37752.0	1,292,118	37742.2	1,291,301	0.03	0.06

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	9.8	817			9.8	817
WOST D22 DT LIC	3.9	1,143	3.9	1,143	3.9	1,143
WQQZ-CD D24 DC CP	186.4	97,874	186.4	97,874	186.4	97,874

Interference to BLANK0000035961 CP scenario 1
**IX: 3.15% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	150.4 km
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	132.6
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	267.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent	New IX
8244.5	50,601	8009.4	50,478	7448.6	50,478	6559.3	48,889	11.94	**3.15**

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	922.9	1,589			889.3	1,589
WVSN D23 DT CP	560.8	0	560.8	0	527.2	0

Interference to BLANK0000035961 CP scenario 2
**IX: 3.15% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	150.4 km
	WVSN	D23	DT	BL	HUMACAO, PR	DTVBL67190	132.6
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	267.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
8244.5	50,601	8009.4	50,478	7438.7	50,478	6553.4	48,889	11.90	3.15

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	922.9	1,589			885.3	1,589
WVSN D23 DT BL	570.7	0	570.7	0	533.2	0

Interference to BLCDT20090625AAH LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCVI-TV	D23	DT	LIC	CHRISTIANSTED, VI	BLCDT20090625AAH	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	150.4 km

	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	132.6
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	267.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
5560.3	50,601	5258.1	48,984	4872.3	48,984	4430.9	48,871	9.06	0.23

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	442.4	113			441.4	113
WVSN D23 DT CP	385.8	0	385.8	0	384.8	0

Interference to BLCDT20090625AAH LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCVI-TV	D23	DT	LIC	CHRISTIANSTED, VI	BLCDT20090625AAH	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	150.4 km
	WVSN	D23	DT	BL	HUMACAO, PR	DTVBL67190	132.6
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	267.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
5560.3	50,601	5258.1	48,984	4860.4	48,984	4421.0	48,871	9.04	0.23

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	442.4	113			439.4	113
WVSN D23 DT BL	397.6	0	397.6	0	394.7	0

Interference to BLANK0000034758 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	13.8 km
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	27.1
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	113.7
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	157.4
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	71.3
	WQHA	D25	DT	CP	AGUADA, PR	BLANK0000024555	114.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
19619.4	2,698,360	16351.4	2,426,258	15225.2	2,400,974	14796.5	2,393,386	2.82	0.32

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	480.0	7,832			428.7	7,588
WVSN D23 DT CP	893.3	24,597	262.3	24,586	229.7	24,342
WQQZ-CD D24 DC CP	863.9	698	232.9	687	215.2	687

Interference to BLANK0000034758 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	13.8 km
	WVSN	D23	DT	BL	HUMACAO, PR	DTVBL67190	27.1
	WQSJ-CD	D23	DC	CP	QUEBRADILLAS, PR	BLANK0000034540	113.7
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	157.4
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	71.3
	WQHA	D25	DT	CP	AGUADA, PR	BLANK0000024555	114.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
19619.4	2,698,360	16351.4	2,426,258	15294.2	2,409,148	14856.6	2,401,560	2.86	0.31

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	480.0	7,832			437.6	7,588
WVSN D23 DT BL	809.4	16,412	193.3	16,412	169.6	16,168
WQQZ-CD D24 DC CP	863.9	698	247.7	698	230.0	698

Interference to BLANK0000004264 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W24EI-D	D24	LD	LIC	CAYEY, PR	BLANK0000004264	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	24.4 km
	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	62.6
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	43.8
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	16.7
	W24DW-D	D24	LD	LIC	CULEBRA, PR	BLANK0000010481	102.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	56.3
	W24DO-D	D24	LD	LIC	SION FARM, ST CROIX, VI	BLANK0000010845	166.3
	NEW	D25	LD	APP	CAMUY, PR	BNPDTL20090825BHQ	52.4
	W25EF-D	D25	LD	CP	TOA BAJA, PR	BLANK0000036602	19.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
4465.5	2,243,575	3836.9	1,970,199	2332.0	757,497	2327.1	754,808	0.21	0.35

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	61.1	26,061			4.9	2,689
W23EM-D D23 LD LIC	3.9	1,026	0.0	0	0.0	0
WVSN D23 DT CP	27.6	10,179	4.9	1,633	3.9	1,185
WUJA D24 DT CP	1461.6	1,197,118	1313.9	1,152,701	1297.2	1,145,482
W24DW-D D24 LD LIC	60.1	15,019	5.9	634	3.9	484
WQQZ-CD D24 DC CP	6.9	646	1.0	96	1.0	96
W24DO-D D24 LD LIC	23.7	5,241	1.0	15	0.0	0
NEW D25 LD APP	75.8	22,966	19.7	9,297	19.7	9,297
W25EF-D D25 LD CP	24.6	13,363	0.0	0	0.0	0

Interference to BLANK0000004264 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W24EI-D	D24	LD	LIC	CAYEY, PR	BLANK0000004264	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	24.4 km
	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	62.6
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	43.8
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	16.7
	W24DW-D	D24	LD	LIC	CULEBRA, PR	BLANK0000010481	102.1
	WQQZ-CD	D24	DC	CP	PONCE, PR	BLANK0000034790	56.3
	W24DO-D	D24	LD	LIC	SION FARM, ST CROIX, VI	BLANK0000010845	166.3
	NEW	D25	LD	APP	CAMUY, PR	BNPDTL20090825BHQ	52.4
	W25EF-D	D25	LD	LIC	TOA BAJA, PR	BLDTL20140611AAU	0.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
4465.5	2,243,575	3836.9	1,970,199	2279.8	723,881	2274.9	721,192	0.22	0.37

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	61.1	26,061			4.9	2,689
W23EM-D D23 LD LIC	3.9	1,026	0.0	0	0.0	0
WVSN D23 DT CP	27.6	10,179	4.9	1,633	3.9	1,185
WUJA D24 DT CP	1461.6	1,197,118	968.6	928,064	937.0	910,962
W24DW-D D24 LD LIC	60.1	15,019	5.9	634	3.9	484
WQQZ-CD D24 DC CP	6.9	646	1.0	96	1.0	96
W24DO-D D24 LD LIC	23.7	5,241	1.0	15	0.0	0
NEW D25 LD APP	75.8	22,966	19.7	9,297	19.7	9,297
W25EF-D D25 LD LIC	423.1	271,750	52.2	33,616	52.2	33,616

Interference to BLANK0000010481 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W24DW-D	D24	LD	LIC	CULEBRA, PR	BLANK0000010481	
Undesireds:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	84.8 km
	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	39.8
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	87.7
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	85.5
	W24EI-D	D24	LD	LIC	CAYEY, PR	BLANK0000004264	102.1
	W24DO-D	D24	LD	LIC	SION FARM, ST CROIX, VI	BLANK0000010845	82.2
	W25EF-D	D25	LD	CP	TOA BAJA, PR	BLANK0000036602	83.1

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
5213.1	149,236	5120.5	142,892	3609.3	114,922	3608.3	114,922	0.03	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D23 LD LIC	4.9	19			1.0	0
W23EM-D D23 LD LIC	170.5	10,151	41.4	3,130	41.4	3,130
WUJA D24 DT CP	1170.2	18,621	615.1	10,968	615.1	10,968
W24EI-D D24 LD LIC	144.6	1,138	8.9	0	8.9	0
W24DO-D D24 LD LIC	690.4	6,229	286.9	5,708	286.9	5,708

Interference to proposal scenario 1
71.32% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	
Undesireds:	WVDO-LD	D22	LD	LIC	CAROLINA, PR	BLDTL20131108AIF	27.8 km
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	17.4
	WMNS-LD	D22	LD	LIC	CHARLOTTE AMALIE, VI	BLANK0000008100	119.0
	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	45.5
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	27.9
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	150.4
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	13.8
	W24EI-D	D24	LD	LIC	CAYEY, PR	BLANK0000004264	24.4
	W24DW-D	D24	LD	LIC	CULEBRA, PR	BLANK0000010481	84.8

Service area		Terrain-limited		IX-free		**Percent IX**
4594.7	1,685,096	3709.4	1,371,265	996.0	393,250	73.15 **71.32**

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WVDO-LD D22 LD LIC	139.7	19,123	0.0	0	0.00	0.00
WSJN-CD D22 DC CP	86.6	101,759	0.0	0	0.00	0.00
WMNS-LD D22 LD LIC	55.1	5,328	1.0	221	0.03	0.02
W23EM-D D23 LD LIC	998.3	28,910	270.0	9,178	7.28	0.67
WVSN D23 DT CP	2368.5	955,309	1374.5	562,212	37.05	41.00
WCVI-TV D23 DT CP	15.8	1,025	0.0	0	0.00	0.00
WUJA D24 DT CP	504.0	379,866	19.7	8,540	0.53	0.62
W24EI-D D24 LD LIC	3.0	2,180	0.0	0	0.00	0.00
W24DW-D D24 LD LIC	70.0	9,168	0.0	0	0.00	0.00

Interference to proposal scenario 2
71.32% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	

Undesireds:	WVDO-LD	D22	LD	LIC	CAROLINA, PR	BLDTL20131108AIF	27.8 km
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	17.4
	WMNS-LD	D22	LD	LIC	CHARLOTTE AMALIE, VI	BLANK0000008100	119.0
	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	45.5
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	27.9
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	13.8
	W24EI-D	D24	LD	LIC	CAYEY, PR	BLANK0000004264	24.4
	W24DW-D	D24	LD	LIC	CULEBRA, PR	BLANK0000010481	84.8

Service area		Terrain-limited		IX-free		Percent IX	
4594.7	1,685,096	3709.4	1,371,265	996.0	393,250	73.15	71.32

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WVDO-LD D22 LD LIC	139.7	19,123	0.0	0	0.00	0.00
WSJN-CD D22 DC CP	86.6	101,759	0.0	0	0.00	0.00
WMNS-LD D22 LD LIC	55.1	5,328	1.0	221	0.03	0.02
W23EM-D D23 LD LIC	998.3	28,910	270.0	9,178	7.28	0.67
WVSN D23 DT CP	2368.5	955,309	1374.5	562,212	37.05	41.00
WUJA D24 DT CP	504.0	379,866	19.7	8,540	0.53	0.62
W24EI-D D24 LD LIC	3.0	2,180	0.0	0	0.00	0.00
W24DW-D D24 LD LIC	70.0	9,168	0.0	0	0.00	0.00

Interference to proposal scenario 3
71.31% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	
Undesireds:	WVDO-LD	D22	LD	LIC	CAROLINA, PR	BLDTL20131108AIF	27.8 km
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	17.4
	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	45.5
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	27.9
	WCVI-TV	D23	DT	CP	CHRISTIANSTED, VI	BLANK0000035961	150.4
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	13.8
	W24EI-D	D24	LD	LIC	CAYEY, PR	BLANK0000004264	24.4
	W24DW-D	D24	LD	LIC	CULEBRA, PR	BLANK0000010481	84.8

Service area		Terrain-limited		IX-free		Percent IX	
4594.7	1,685,096	3709.4	1,371,265	997.0	393,471	73.12	71.31

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WVDO-LD D22 LD LIC	139.7	19,123	0.0	0	0.00	0.00
WSJN-CD D22 DC CP	86.6	101,759	0.0	0	0.00	0.00
W23EM-D D23 LD LIC	998.3	28,910	270.0	9,178	7.28	0.67
WVSN D23 DT CP	2368.5	955,309	1374.5	562,212	37.05	41.00
WCVI-TV D23 DT CP	15.8	1,025	0.0	0	0.00	0.00
WUJA D24 DT CP	504.0	379,866	19.7	8,540	0.53	0.62
W24EI-D D24 LD LIC	3.0	2,180	0.0	0	0.00	0.00
W24DW-D D24 LD LIC	70.0	9,168	0.0	0	0.00	0.00

Interference to proposal scenario 4
71.31% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WXWZ-LD	D23	LD	LIC	GUAYAMA, PR	BLDTL20100324ABD	
Undesireds:	WVDO-LD	D22	LD	LIC	CAROLINA, PR	BLDTL20131108AIF	27.8 km
	WSJN-CD	D22	DC	CP	SAN JUAN, PR	BLANK0000034542	17.4
	W23EM-D	D23	LD	LIC	CEIBA, PR	BLANK0000010679	45.5
	WVSN	D23	DT	CP	HUMACAO, PR	BLANK0000034762	27.9
	WUJA	D24	DT	CP	CAGUAS, PR	BLANK0000034758	13.8
	W24EI-D	D24	LD	LIC	CAYEY, PR	BLANK0000004264	24.4

W24DW-D D24 LD LIC CULEBRA, PR BLANK0000010481 84.8

Service area		Terrain-limited		IX-free		Percent IX	
4594.7	1,685,096	3709.4	1,371,265	997.0	393,471	73.12	71.31

Undesired		Total IX		Unique IX		Prcnt Unique IX	
WVDO-LD D22 LD LIC	139.7	19,123	0.0	0	0.00	0.00	
WSJN-CD D22 DC CP	86.6	101,759	0.0	0	0.00	0.00	
W23EM-D D23 LD LIC	998.3	28,910	270.0	9,178	7.28	0.67	
WVSN D23 DT CP	2368.5	955,309	1374.5	562,212	37.05	41.00	
WUJA D24 DT CP	504.0	379,866	19.7	8,540	0.53	0.62	
W24EI-D D24 LD LIC	3.0	2,180	0.0	0	0.00	0.00	
W24DW-D D24 LD LIC	70.0	9,168	0.0	0	0.00	0.00	