tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: WXWZ_36_FSM_1.5T_PSI-BB_50 C=.5 P=.14, Model: Longley-Rice
Start: 2018.04.16 21:10:57

Study created: 2018.04.16 21:10:57

Study build station data: LMS TV 2018-04-14 (70)

    Proposal: WXWZ-LD D36 LD APP GUAYAMA, PR
 File number: WXWZ_36_FSM_1.5T_PSI-BB_50
 Facility ID: 168860
Station data: User record
   Record ID: 204
     Country: U.S.
        Zone: II

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

Search options:
All APP records excluded

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	WIPM-TV	D35	DT	LIC	MAYAGUEZ, PR	BLEDT20060627ACQ	95.0
Yes	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	67.0
Yes	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	67.0
No	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	95.0
Yes	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	70.6
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: 268.7 m
   Peak ERP: 15.0 kW
    Antenna: PSI BB 50.0 deg
Elev Pattrn: 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

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: 0.50 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	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	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	CP	PONCE, PR	BLANK0000028456	17.2
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	191.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18453.0	2,694,228	17802.3	2,653,128	17786.8	2,645,375	0.09	0.29

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	18.2	8,193			15.5	7,753
WIDP D34 DT CP	9.8	7,335	9.6	7,316	7.1	6,895
WIMN-CD D36 DC CP	9.6	3,158	9.4	3,139	9.4	3,139
WVOZ-TV D36 DT CP	631.5	30,626	631.5	30,626	631.5	30,626

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	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	71.9 km
	WIDP	D34	DT	BL	GUAYAMA, PR	DTVBL18410	95.9
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	27.5
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	17.2
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	191.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18453.0	2,694,228	17802.1	2,653,823	17786.6	2,646,070	0.09	0.29

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	18.2	8,193			15.5	7,753
WIDP D34 DT BL	10.1	6,640	9.8	6,621	7.4	6,200
WIMN-CD D36 DC CP	9.6	3,158	9.4	3,139	9.4	3,139

WVOZ-TV D36 DT CP	631.5	30,626	631.5	30,626	631.5	30,626

Interference to BLANK0000026046 CP scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	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	CP	PONCE, PR	BLANK0000028456	17.2
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	191.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18453.0	2,694,228	17783.6	2,645,506	17768.4	2,637,753	0.09	0.29

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	18.2	8,193			15.3	7,753
WIDP D34 DT CP	9.8	7,335	9.6	7,316	7.1	6,895
WIMN-CD D36 DC LIC	28.3	10,780	28.0	10,761	27.8	10,761
WVOZ-TV D36 DT CP	631.5	30,626	631.5	30,626	631.5	30,626

Interference to BLANK0000026046 CP scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	71.9 km
	WIDP	D34	DT	BL	GUAYAMA, PR	DTVBL18410	95.9
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	27.5
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	17.2
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	191.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18453.0	2,694,228	17783.4	2,646,201	17768.1	2,638,448	0.09	0.29

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	18.2	8,193			15.3	7,753
WIDP D34 DT BL	10.1	6,640	9.8	6,621	7.4	6,200
WIMN-CD D36 DC LIC	28.3	10,780	28.0	10,761	27.8	10,761
WVOZ-TV D36 DT CP	631.5	30,626	631.5	30,626	631.5	30,626

Interference to BLANK0000026046 CP scenario 5

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	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	BL	PONCE, PR	DTVBL29000	17.2
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	191.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18453.0	2,694,228	17777.4	2,653,105	17761.9	2,645,352	0.09	0.29

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	18.2	8,193			15.5	7,753
WIDP D34 DT CP	9.8	7,335	9.6	7,316	7.1	6,895
WIMN-CD D36 DC CP	9.6	3,158	9.4	3,139	9.4	3,139
WVOZ-TV D36 DT BL	656.4	30,649	656.4	30,649	656.4	30,649

Interference to BLANK0000026046 CP scenario 6

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	71.9 km
	WIDP	D34	DT	BL	GUAYAMA, PR	DTVBL18410	95.9
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	27.5
	WVOZ-TV	D36	DT	BL	PONCE, PR	DTVBL29000	17.2
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	191.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18453.0	2,694,228	17777.2	2,653,800	17761.7	2,646,047	0.09	0.29

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	18.2	8,193			15.5	7,753
WIDP D34 DT BL	10.1	6,640	9.8	6,621	7.4	6,200
WIMN-CD D36 DC CP	9.6	3,158	9.4	3,139	9.4	3,139
WVOZ-TV D36 DT BL	656.4	30,649	656.4	30,649	656.4	30,649

Interference to BLANK0000026046 CP scenario 7

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	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	BL	PONCE, PR	DTVBL29000	17.2
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	191.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18453.0	2,694,228	17758.7	2,645,483	17743.5	2,637,730	0.09	0.29

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	18.2	8,193			15.3	7,753
WIDP D34 DT CP	9.8	7,335	9.6	7,316	7.1	6,895
WIMN-CD D36 DC LIC	28.3	10,780	28.0	10,761	27.8	10,761
WVOZ-TV D36 DT BL	656.4	30,649	656.4	30,649	656.4	30,649

Interference to BLANK0000026046 CP scenario 8

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	71.9 km
	WIDP	D34	DT	BL	GUAYAMA, PR	DTVBL18410	95.9
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	27.5
	WVOZ-TV	D36	DT	BL	PONCE, PR	DTVBL29000	17.2
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	191.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18453.0	2,694,228	17758.5	2,646,178	17743.2	2,638,425	0.09	0.29

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	18.2	8,193			15.3	7,753
WIDP D34 DT BL	10.1	6,640	9.8	6,621	7.4	6,200
WIMN-CD D36 DC LIC	28.3	10,780	28.0	10,761	27.8	10,761
WVOZ-TV D36 DT BL	656.4	30,649	656.4	30,649	656.4	30,649

Interference to BLEDT20060627ACQ LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIPM-TV	D35	DT	LIC	MAYAGUEZ, PR	BLEDT20060627ACQ	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	95.0 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	49.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
44290.7	2,196,427	43857.2	1,876,692	43800.9	1,846,610	43799.9	1,846,591	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	1.0	19			1.0	19
WIMN-CD D36 DC CP	56.3	30,082	56.3	30,082	56.3	30,082

Interference to BLEDT20060627ACQ LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIPM-TV	D35	DT	LIC	MAYAGUEZ, PR	BLEDT20060627ACQ	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	95.0 km
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	49.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
44290.7	2,196,427	43857.2	1,876,692	43530.6	1,741,738	43530.3	1,741,719	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	1.0	19			0.2	19
WIMN-CD D36 DC LIC	326.6	134,954	326.6	134,954	325.9	134,954

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	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	67.0 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	27.5
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	43.1
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	178.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3791.2	617,878	3658.5	569,744	3654.1	568,467	3619.9	567,982	0.94	0.09

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	35.2	967			34.2	485
WCCV-TV D35 DT CP	1.7	411	1.7	411	1.7	411
WTJX-TV D36 DT CP	2.7	866	2.7	866	1.7	384

Interference to BLANK0000036058 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	67.0 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	27.5
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	43.1
	WTJX-TV	D36	DT	BL	CHARLOTTE AMALIE, VI	DTVBL70287	178.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3791.2	617,878	3658.5	569,744	3654.1	568,467	3619.9	567,982	0.94	0.09

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	35.2	967			34.2	485
WCCV-TV D35 DT CP	1.7	411	1.7	411	1.7	411
WTJX-TV D36 DT BL	2.7	866	2.7	866	1.7	384

Interference to BLANK0000036058 CP scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	67.0 km
	WCCV-TV	D35	DT	BL	ARECIBO, PR	DTVBL3001	27.5
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	43.1
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	178.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3791.2	617,878	3658.5	569,744	3654.1	568,467	3619.9	567,982	0.94	0.09

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	35.2	967			34.2	485
WCCV-TV D35 DT BL	1.7	411	1.7	411	1.7	411
WTJX-TV D36 DT CP	2.7	866	2.7	866	1.7	384

Interference to BLANK0000036058 CP scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	67.0 km
	WCCV-TV	D35	DT	BL	ARECIBO, PR	DTVBL3001	27.5
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	43.1
	WTJX-TV	D36	DT	BL	CHARLOTTE AMALIE, VI	DTVBL70287	178.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3791.2	617,878	3658.5	569,744	3654.1	568,467	3619.9	567,982	0.94	0.09

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	35.2	967			34.2	485
WCCV-TV D35 DT BL	1.7	411	1.7	411	1.7	411
WTJX-TV D36 DT BL	2.7	866	2.7	866	1.7	384

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	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	67.0 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	27.5
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	43.1
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	178.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3128.5	437,278	3072.0	406,689	3069.5	405,327	3002.9	405,246	2.17	0.02

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	67.3	827			66.6	81
WCCV-TV D35 DT CP	0.5	67	0.5	67	0.5	67
WTJX-TV D36 DT CP	2.0	1,295	2.0	1,295	1.2	549

Interference to BLDTA20140225AAJ LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	67.0 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	27.5
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	43.1
	WTJX-TV	D36	DT	BL	CHARLOTTE AMALIE, VI	DTVBL70287	178.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3128.5	437,278	3072.0	406,689	3069.5	405,327	3002.9	405,246	2.17	0.02

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	67.3	827		66.6	81
WCCV-TV D35 DT CP	0.5	67	0.5	67	0.5	67
WTJX-TV D36 DT BL	2.0	1,295	2.0	1,295	1.2	549

Interference to BLDTA20140225AAJ LIC scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	67.0 km
	WCCV-TV	D35	DT	BL	ARECIBO, PR	DTVBL3001	27.5
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	43.1
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	178.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3128.5	437,278	3072.0	406,689	3069.5	405,327	3002.9	405,246	2.17	0.02

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	67.3	827		66.6	81
WCCV-TV D35 DT BL	0.5	67	0.5	67	0.5	67
WTJX-TV D36 DT CP	2.0	1,295	2.0	1,295	1.2	549

Interference to BLDTA20140225AAJ LIC scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	67.0 km
	WCCV-TV	D35	DT	BL	ARECIBO, PR	DTVBL3001	27.5
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	43.1
	WTJX-TV	D36	DT	BL	CHARLOTTE AMALIE, VI	DTVBL70287	178.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3128.5	437,278	3072.0	406,689	3069.5	405,327	3002.9	405,246	2.17	0.02

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	67.3	827		66.6	81
WCCV-TV D35 DT BL	0.5	67	0.5	67	0.5	67
WTJX-TV D36 DT BL	2.0	1,295	2.0	1,295	1.2	549

Interference to BLANK0000028456 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	70.6 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	17.2

	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	43.1
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	192.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
13763.2	1,131,391	13147.2	966,892	13079.9	966,758	13076.5	966,294	0.03	0.05

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	3.9	464			3.5	464
WCCV-TV D35 DT CP	63.8	0	60.4	0	60.4	0
WIMN-CD D36 DC CP	6.2	70	2.5	70	2.2	70
WTJX-TV D36 DT CP	1.0	64	0.7	64	0.7	64

Interference to BLANK0000028456 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	70.6 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	17.2
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	43.1
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	192.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
13763.2	1,131,391	13147.2	966,892	13082.1	966,828	13078.7	966,364	0.03	0.05

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	3.9	464			3.5	464
WCCV-TV D35 DT CP	63.8	0	63.8	0	63.8	0
WIMN-CD D36 DC LIC	0.2	0	0.2	0	0.0	0
WTJX-TV D36 DT CP	1.0	64	1.0	64	0.7	64

Interference to BLANK0000028456 CP scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	70.6 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	17.2
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	43.1
	WTJX-TV	D36	DT	BL	CHARLOTTE AMALIE, VI	DTVBL70287	192.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
13763.2	1,131,391	13147.2	966,892	13079.9	966,758	13076.5	966,294	0.03	0.05

Undesired		Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	3.9	464			3.5	464
WCCV-TV D35 DT CP	63.8	0	60.4	0	60.4	0
WIMN-CD D36 DC CP	6.2	70	2.5	70	2.2	70
WTJX-TV D36 DT BL	1.0	64	0.7	64	0.7	64

Interference to BLANK0000028456 CP scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	70.6 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	17.2
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	43.1
	WTJX-TV	D36	DT	BL	CHARLOTTE AMALIE, VI	DTVBL70287	192.4

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

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
13763.2	1,131,391	13147.2	966,892	13082.1	966,828	13078.7	966,364	0.03	0.05

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	3.9	464		3.5	464
WCCV-TV D35 DT CP	63.8	0	63.8	0	63.8	0
WIMN-CD D36 DC LIC	0.2	0	0.2	0	0.0	0
WTJX-TV D36 DT BL	1.0	64	1.0	64	0.7	64

Interference to BLANK0000028456 CP scenario 5

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	70.6 km
	WCCV-TV	D35	DT	BL	ARECIBO, PR	DTVBL3001	17.2
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	43.1
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	192.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
13763.2	1,131,391	13147.2	966,892	13080.1	966,758	13076.7	966,294	0.03	0.05

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	3.9	464		3.5	464
WCCV-TV D35 DT BL	63.8	0	60.1	0	60.1	0
WIMN-CD D36 DC CP	6.2	70	2.2	70	2.0	70
WTJX-TV D36 DT CP	1.0	64	0.7	64	0.7	64

Interference to BLANK0000028456 CP scenario 6

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	70.6 km
	WCCV-TV	D35	DT	BL	ARECIBO, PR	DTVBL3001	17.2
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	43.1
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	192.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
13763.2	1,131,391	13147.2	966,892	13082.1	966,828	13078.7	966,364	0.03	0.05

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	3.9	464		3.5	464
WCCV-TV D35 DT BL	63.8	0	63.8	0	63.8	0
WIMN-CD D36 DC LIC	0.2	0	0.2	0	0.0	0
WTJX-TV D36 DT CP	1.0	64	1.0	64	0.7	64

Interference to BLANK0000028456 CP scenario 7

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	70.6 km
	WCCV-TV	D35	DT	BL	ARECIBO, PR	DTVBL3001	17.2
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	43.1
	WTJX-TV	D36	DT	BL	CHARLOTTE AMALIE, VI	DTVBL70287	192.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
13763.2	1,131,391	13147.2	966,892	13080.1	966,758	13076.7	966,294	0.03	0.05

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	3.9	464		3.5	464

WCCV-TV D35 DT BL	63.8	0	60.1	0	60.1	0		
WIMN-CD D36 DC CP	6.2	70	2.2	70	2.0	70		
WTJX-TV D36 DT BL	1.0	64	0.7	64	0.7	64		

Interference to BLANK0000028456 CP scenario 8

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	70.6 km
	WCCV-TV	D35	DT	BL	ARECIBO, PR	DTVBL3001	17.2
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	43.1
	WTJX-TV	D36	DT	BL	CHARLOTTE AMALIE, VI	DTVBL70287	192.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
13763.2	1,131,391	13147.2	966,892	13082.1	966,828	13078.7	966,364	0.03	0.05

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	3.9	464		3.5	464
WCCV-TV D35 DT BL	63.8	0	63.8	0	63.8	0
WIMN-CD D36 DC LIC	0.2	0	0.2	0	0.0	0
WTJX-TV D36 DT BL	1.0	64	1.0	64	0.7	64

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	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	122.0 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	178.5
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	192.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
20305.9	138,296	19955.2	123,434	19941.1	122,455	19283.8	122,048	3.30	0.33

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	659.8	407		657.4	407
WIMN-CD D36 DC CP	2.7	0	2.7	0	0.2	0
WVOZ-TV D36 DT CP	11.4	979	11.4	979	11.4	979

Interference to BLANK0000025655 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	122.0 km
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	178.5
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	192.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
20305.9	138,296	19955.2	123,434	19943.1	122,455	19284.0	122,048	3.30	0.33

Undesired	Total IX	Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	659.8	407		659.1	407
WIMN-CD D36 DC LIC	0.7	0	0.7	0	0.0	0
WVOZ-TV D36 DT CP	11.4	979	11.4	979	11.4	979

Interference to BLANK0000025655 CP scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance

Desired:	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	122.0 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	178.5
	WVOZ-TV	D36	DT	BL	PONCE, PR	DTVBL29000	192.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
20305.9	138,296	19955.2	123,434	19929.8	122,429	19273.4	122,022	3.29	0.33

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	659.8	407			656.4	407
WIMN-CD D36 DC CP	2.7	0	2.5	0	0.2	0
WVOZ-TV D36 DT BL	23.0	1,005	22.7	1,005	21.7	1,005

Interference to BLANK0000025655 CP scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	
Undesireds:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	122.0 km
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	178.5
	WVOZ-TV	D36	DT	BL	PONCE, PR	DTVBL29000	192.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
20305.9	138,296	19955.2	123,434	19931.5	122,429	19273.6	122,022	3.30	0.33

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	659.8	407			657.9	407
WIMN-CD D36 DC LIC	0.7	0	0.7	0	0.0	0
WVOZ-TV D36 DT BL	23.0	1,005	23.0	1,005	21.7	1,005

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	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	120.0 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	176.6
	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	2.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
7694.0	56,125	7375.6	55,864	563.2	39,413	561.3	39,355	0.35	0.15

Undesired	Total IX		Unique IX, before		Unique IX, after	
WXWZ-LD D36 LD APP	392.5	1,005			2.0	58
WTJX-TV D36 DT CP	6812.4	16,451	6812.4	16,451	6421.8	15,504

Interference to proposal scenario 1
7.44% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	
Undesireds:	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	67.0 km
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	70.6
	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	
7103.8	2,286,976	5797.5	1,803,605	4945.5	1,669,432	14.70	7.44

Undesired		Total IX		Unique IX	Prcnt Unique IX	
WIMN-CD D36 DC CP	238.8	91,707	186.9	68,811	3.22	3.82
WVOZ-TV D36 DT CP	3.0	265	1.7	37	0.03	0.00
WTJX-TV D36 DT CP	662.4	65,275	302.2	39,057	5.21	2.17
W29CB D36 LD CP	333.6	3,691	1.0	50	0.02	0.00

Interference to proposal scenario 2
5.95% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	WXWZ_36_FSM_1.5T_PSI-B	
Undesireds:	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	67.0 km
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	70.6
	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	
7103.8	2,286,976	5797.5	1,803,605	4959.7	1,696,379	14.45	5.95

Undesired		Total IX		Unique IX	Prcnt Unique IX	
WIMN-CD D36 DC LIC	207.0	60,081	172.6	41,864	2.98	2.32
WVOZ-TV D36 DT CP	3.0	265	1.7	37	0.03	0.00
WTJX-TV D36 DT CP	662.4	65,275	305.7	43,736	5.27	2.42
W29CB D36 LD CP	333.6	3,691	1.0	50	0.02	0.00