DISPLACEMENT QUALIFICATION OF W36EP-D

As shown in the included Post Repack TVStudy IX analysis of the existing facility of W36EP-D on Channel 36, it will cause impermissible interference of 11.44% to Full Service station WVOZ-TV, and is predicted to receive an IX level of 30.1%, thus the station qualifies for displacement application. The proposed new site is located 6.4 miles from the presently licensed site of W36EP-D.

As shown in the included Pre-Repack TVStudy interference analysis, the proposed W36EP-D facility on CH 35 is predicted to cause impermissible interference of 5.19% to WIPM-TV, CH 35. As shown in the Post Repack TVStudy interference analysis, no impermissible interference is predicted to any Class A or Full service station, thus this displacement application and its grant is conditioned to TV stations in Puerto Rico, and specifically WIPM-TV, completing their transition to their post repack channels; waiver of the FCC rules for the conditional CP grant is hereby requested.

W36EP-D EXISTING FACILITY CH 36 POST REPACK TVSTUDY

tvstudy v2.2.5 (4uoc83)
Database: 127.0.0.1, Study: BLANK0000030184 #980, Model: Longley-Rice
Start: 2018.04.26 11:37:13

Study created: 2018.04.26 11:37:13

Study build station data: LMS TV 2018-04-25

    Proposal: DW48DT-D D35 LD STA GUAYANILLA, PR
 File number: BLANK0000030184
 Facility ID: 181870
Station data: User record
   Record ID: 430
     Country: U.S.

Search options:
Baseline record excluded if station has CP
All records for new LPTV stations excluded

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WPRU-LP	N20z	TX	LIC	AQUADILLA, PR	BLTTL20101020ABE	55.9 km
No	W28EQ-D	N32+	TX	LIC	UTUADO, PR	BLTT19890703IC	22.8
Yes	WIDP	D34	DT	CP	GUAYAMA, PR	BLANK0000025304	97.2
No	WWKQ-LD	D34-	LD	APP	QUEBRADILLAS, PR	BLANK0000051821	48.4
No	W34ED-D	D34	LD	LIC	TRUJILLO ALTO, PR	BLDTL20140404AAY	70.7
No	W34DY-D	D34	LD	LIC	VIEQUES, PR	BLANK0000010492	138.3
Yes	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	17.3
No	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	43.2
No	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	43.2
No	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	BLANK0000052871	70.7
Yes	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	26.0
Yes	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	0.2
Yes	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	10.5
No	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	192.6
No	WIVE-LP	N42-	TX	LIC	CEIBA, PR	BLTTL20030128ABW	116.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D35
       Mask: Full Service
   Latitude:  18  4 41.00 N (NAD83)
  Longitude:  66 44 54.00 W
Height AMSL: 665.1 m
       HAAT: 0.0 m
   Peak ERP: 10.0 kW
    Antenna: ANT-ACS8P3 (ID 17800) 180.0 deg
Elev Pattrn: Generic
  Elec Tilt: 0.50
```

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.441 kW	-70.2 m	13.8 km
45.0	0.552	-89.6	14.6
90.0	7.92	421.2	58.0
135.0	4.22	550.8	58.4
180.0	1.30	630.6	52.6
225.0	4.22	566.6	58.7
270.0	7.92	443.7	58.9
315.0	0.552	-97.7	14.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 294 m

Distance to Canadian border: 2967.6 km

Distance to Mexican border: 3222.2 km

Conditions at FCC monitoring station: Santa Isabel PR
Bearing: 101.5 degrees Distance: 40.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 311.9 degrees Distance: 4416.0 km

Study cell size: 0.50 km
Profile point spacing: 0.50 km

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

Interference to BLANK0000025304 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIDP	D34	DT	CP	GUAYAMA, PR	BLANK0000025304	
Undesireds:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	97.2 km
	WJWN-TV	D33	DT	CP	SAN SEBASTIAN, PR	BLANK0000027870	120.2
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	95.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24002.1	2,561,120	21754.5	2,325,306	21502.2	2,319,202	21498.9	2,319,202	0.01	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	16.0	0			3.2	0
WJWN-TV D33 DT CP	238.3	0	238.3	0	225.5	0
WCCV-TV D35 DT CP	14.0	6,104	14.0	6,104	14.0	6,104

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:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	17.3 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

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18310.6	2,604,992	17497.3	2,562,476	16708.9	2,550,255	4.51	0.48

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	1580.5	47,006			788.4	12,221
WIDP D34 DT CP	10.3	4,847	10.1	4,828	4.9	4,683
WIMN-CD D36 DC CP	14.8	3,011	14.5	2,992	14.0	2,985
WVOZ-TV D36 DT CP	788.4	34,677	788.4	34,677	2.2	63

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:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	17.3 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

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18310.6	2,604,992	17476.6	2,556,517	16688.5	2,544,296	4.51	0.48

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	1580.5	47,006			788.2	12,221
WIDP D34 DT CP	10.3	4,847	10.1	4,828	4.9	4,683
WIMN-CD D36 DC LIC	35.7	8,970	35.2	8,951	34.5	8,944
WVOZ-TV D36 DT CP	788.4	34,677	788.2	34,677	2.2	63

Interference to BLANK0000006958 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	
Undesireds:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	26.0 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	25.4
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	49.7
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	26.1
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	19.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
10641.8	694,883	10439.2	627,933	4589.5	535,461	4589.5	535,461	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	2.5	118			0.0	0
WCCV-TV D35 DT CP	38.6	8,471	20.4	2,448	20.4	2,448
WIMN-CD D36 DC CP	173.3	24,494	153.9	18,406	153.9	18,406
WVOZ-TV D36 DT CP	5576.2	46,103	2629.2	22,586	2628.4	22,586
W36EP-D D36 LD LIC	3027.7	43,009	79.9	19,427	79.6	19,415

Interference to BLANK0000006958 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	
Undesireds:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	26.0 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	25.4
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	49.7
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	26.1
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	19.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
10641.8	694,883	10439.2	627,933	4593.5	539,997	4593.5	539,997	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	2.5	118			0.0	0
WCCV-TV D35 DT CP	38.6	8,471	20.7	3,284	20.7	3,284
WIMN-CD D36 DC LIC	168.6	19,088	150.0	13,870	150.0	13,870
WVOZ-TV D36 DT CP	5576.2	46,103	2629.4	22,586	2628.7	22,586
W36EP-D D36 LD LIC	3027.7	43,009	80.1	19,461	79.9	19,449

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:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	0.2 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	13018.1	922,764	12933.4	921,764	12926.5	920,504	0.05	0.14

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	7.4	1,401			6.9	1,260
WCCV-TV D35 DT CP	74.2	0	59.1	0	59.1	0
WIMN-CD D36 DC CP	21.7	172	5.7	146	5.2	5
WTJX-TV D36 DT CP	4.9	854	3.9	828	3.9	828

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:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	0.2 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	13018.1	922,764	12938.5	921,910	12931.1	920,509	0.06	0.15

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	7.4	1,401			7.4	1,401
WCCV-TV D35 DT CP	74.2	0	72.2	0	72.2	0
WIMN-CD D36 DC LIC	3.0	26	0.5	0	0.5	0
WTJX-TV D36 DT CP	4.9	854	4.4	828	4.4	828

Interference to BLANK0000006960 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	
Undesireds:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	10.5 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	50.4
	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	19.2
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	10.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
4589.1	444,299	4115.9	284,226	1139.9	198,494	1136.9	197,949	0.26	0.27

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	87.6	7,855			3.0	545
WIMN-CD D36 DC CP	1.7	68	1.2	68	1.2	68
WNTE-LD D36 LD LIC	2860.1	61,244	71.3	6,926	69.0	6,841
WVOZ-TV D36 DT CP	2903.5	78,738	114.2	24,420	109.2	23,437

Interference to BLANK0000006960 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	

Undesireds:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	10.5 km
	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	19.2
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	10.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
4589.1	444,299	4115.9	284,226	1141.1	198,562	1138.2	198,017	0.26	0.27

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	87.6	7,855			3.0	545
WNTE-LD D36 LD LIC	2860.1	61,244	71.3	6,926	69.0	6,841
WVOZ-TV D36 DT CP	2903.5	78,738	114.6	24,420	109.7	23,437

Interference to proposal scenario 1
3.19% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	
Undesireds:	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	17.3 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	43.2
	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	26.0
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	0.2
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	10.5

Service area		Terrain-limited		IX-free		Percent IX	
6652.4	697,522	6249.7	581,505	5834.5	562,932	6.64	3.19

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WCCV-TV D35 DT CP	346.7	4,334	284.8	1,537	4.56	0.26
WNTE-LD D36 LD LIC	117.3	13,827	56.4	12,208	0.90	2.10
WVOZ-TV D36 DT CP	7.6	1,399	6.7	215	0.11	0.04
W36EP-D D36 LD LIC	5.7	1,850	5.2	1,776	0.08	0.31

W36EP-D PROPOSED FACILITY ON CH 35 PRE-REPACK TVSTUDY

tvstudy v2.2.5 (4uoc83)
Database: 127.0.0.1, Study: BLANK0000006960 #983, Model: Longley-Rice
Start: 2018.04.26 14:03:07

Study created: 2018.04.26 14:03:07

Study build station data: LMS TV 2018-04-25

    Proposal: W36EP-D D35 LD LIC YAUCO, PR
 File number: BLANK0000006960
 Facility ID: 188722
Station data: User record
   Record ID: 431
     Country: U.S.

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

Search options:
Baseline record excluded if station has CP
All records for new LPTV stations excluded

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WPRU-LP	N20z	TX	LIC	AQUADILLA, PR	BLTTL20101020ABE	52.1 km
No	W28EQ-D	N32+	TX	LIC	UTUADO, PR	BLTT19890703IC	29.3
Yes	WELU	D34	DT	LIC	AGUADILLA, PR	BLANK0000001308	19.8
No	WIDP	D34	DT	CP	GUAYAMA, PR	BLANK0000025304	107.5
No	WWKQ-LD	D34-	LD	APP	QUEBRADILLAS, PR	BLANK0000051821	49.5
No	W34ED-D	D34	LD	LIC	TRUJILLO ALTO, PR	BLDTL20140404AAY	80.9
No	W34DY-D	D34	LD	LIC	VIEQUES, PR	BLANK0000010492	148.2
Yes	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	22.9
Yes	WIPM-TV	D35	DT	LIC	MAYAGUEZ, PR	BLEDT20060627ACQ	19.2
No	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	50.4
No	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	50.4
No	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	BLANK0000052871	80.9
Yes	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	19.2
Yes	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	10.7
No	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	202.8
No	WIVE-LP	N42-	TX	LIC	CEIBA, PR	BLTTL20030128ABW	126.5

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:
WENA 1330 L DA1 D YAUCO, PR BL19990816DE
WENA 1330 L DA1 N YAUCO, PR BL19990816DE

Record parameters as studied:

```
    Channel: D35
       Mask: Full Service
   Latitude:  18  2 30.00 N (NAD83)
  Longitude:  66 50 23.90 W
Height AMSL: 222.2 m
       HAAT: 0.0 m
   Peak ERP: 10.0 kW
    Antenna: PSILP8BG 180.0 deg
Elev Pattrn: Generic
  Elec Tilt: 0.50
```

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.441 kW	-345.7 m	13.8 km
45.0	0.552	-326.9	14.6
90.0	7.92	80.6	37.3
135.0	4.22	209.6	44.1
180.0	1.30	196.7	37.2
225.0	4.22	200.0	43.5
270.0	7.92	146.1	43.5
315.0	0.552	-176.2	14.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m   Computed HAAT: -2 m

Distance to Canadian border: 2971.6 km

Distance to Mexican border: 3214.7 km

Conditions at FCC monitoring station: Santa Isabel PR
Bearing: 94.6 degrees   Distance: 49.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 312.0 degrees Distance: 4411.5 km

Study cell size: 0.50 km
Profile point spacing: 0.50 km

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

Interference to BLANK0000001308 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WELU	D34	DT	LIC	AGUADILLA, PR	BLANK0000001308	
Undesireds:	W36EP-D	D35	LD	LIC	YAUCO, PR	BLANK0000006960	19.8 km
	WRUA	D33	DT	LIC	FAJARDO, PR	BLCDT20090610ABH	127.4
	WIPM-TV	D35	DT	LIC	MAYAGUEZ, PR	BLEDT20060627ACQ	0.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26599.0	1,475,048	26046.5	1,300,822	25689.9	1,214,380	25686.9	1,214,078	0.01	0.02

Undesired	Total IX		Unique IX, before		Unique IX, after	
W36EP-D D35 LD LIC	3.5	455			3.0	302
WRUA D33 DT LIC	45.3	19,570	42.6	17,492	42.6	17,492
WIPM-TV D35 DT LIC	314.0	68,950	311.3	66,872	310.8	66,719

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:	W36EP-D	D35	LD	LIC	YAUCO, PR	BLANK0000006960	22.9 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

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18310.6	2,604,992	17497.3	2,562,476	17306.5	2,551,809	1.09	0.42

Undesired		Total IX	Unique IX, before		Unique IX, after	
W36EP-D D35 LD LIC	784.3	41,828			190.8	10,667
WIDP D34 DT CP	10.3	4,847	10.1	4,828	7.4	4,748
WIMN-CD D36 DC CP	14.8	3,011	14.5	2,992	14.5	2,992
WVOZ-TV D36 DT CP	788.4	34,677	788.4	34,677	197.6	3,596

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:	W36EP-D	D35	LD	LIC	YAUCO, PR	BLANK0000006960	22.9 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

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18310.6	2,604,992	17476.6	2,556,517	17285.8	2,545,850	1.09	0.42

Undesired		Total IX	Unique IX, before		Unique IX, after	
W36EP-D D35 LD LIC	784.3	41,828			190.8	10,667
WIDP D34 DT CP	10.3	4,847	10.1	4,828	7.4	4,748
WIMN-CD D36 DC LIC	35.7	8,970	35.2	8,951	35.2	8,951
WVOZ-TV D36 DT CP	788.4	34,677	788.2	34,677	197.6	3,596

Interference to BLEDT20060627ACQ LIC scenario 1
**IX: 4.88% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIPM-TV	D35	DT	LIC	MAYAGUEZ, PR	BLEDT20060627ACQ	
Undesireds:	W36EP-D	D35	LD	LIC	YAUCO, PR	BLANK0000006960	19.2 km
	WELU	D34	DT	LIC	AGUADILLA, PR	BLANK0000001308	0.7
	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	43772.0	1,859,074	43713.4	1,836,271	43359.1	1,746,739	0.81	4.88

Undesired		Total IX	Unique IX, before		Unique IX, after	
W36EP-D D35 LD LIC	354.6	89,545			354.3	89,532
WELU D34 DT LIC	1.0	13	1.0	13	0.7	0

WIMN-CD D36 DC CP	57.6	22,790	57.6	22,790	57.6	22,790		

Interference to BLEDT20060627ACQ LIC scenario 2
**IX: 5.19% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIPM-TV	D35	DT	LIC	MAYAGUEZ, PR	BLEDT20060627ACQ	
Undesireds:	W36EP-D	D35	LD	LIC	YAUCO, PR	BLANK0000006960	19.2 km
	WELU	D34	DT	LIC	AGUADILLA, PR	BLANK0000001308	0.7
	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	43772.0	1,859,074	43467.2	1,724,704	43112.9	1,635,172	0.82	5.19

Undesired	Total IX		Unique IX, before		Unique IX, after	
W36EP-D D35 LD LIC	354.6	89,545			354.3	89,532
WELU D34 DT LIC	1.0	13	1.0	13	0.7	0
WIMN-CD D36 DC LIC	303.8	134,357	303.8	134,357	303.8	134,357

Interference to BLANK0000006958 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	
Undesireds:	W36EP-D	D35	LD	LIC	YAUCO, PR	BLANK0000006960	19.2 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	25.4
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	49.7
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	26.1

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
10641.8	694,883	10439.2	627,933	4669.4	554,888	4668.6	553,945	0.02	0.17

Undesired	Total IX		Unique IX, before		Unique IX, after	
W36EP-D D35 LD LIC	3.2	1,232			0.7	943
WCCV-TV D35 DT CP	38.6	8,471	20.4	2,448	20.4	2,448
WIMN-CD D36 DC CP	173.3	24,494	154.9	18,471	154.9	18,471
WVOZ-TV D36 DT CP	5576.2	46,103	5576.0	46,103	5573.5	45,814

Interference to BLANK0000006958 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	
Undesireds:	W36EP-D	D35	LD	LIC	YAUCO, PR	BLANK0000006960	19.2 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	25.4
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	49.7
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	26.1

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
10641.8	694,883	10439.2	627,933	4673.6	559,458	4672.9	558,515	0.02	0.17

Undesired	Total IX		Unique IX, before		Unique IX, after	
W36EP-D D35 LD LIC	3.2	1,232			0.7	943
WCCV-TV D35 DT CP	38.6	8,471	20.7	3,284	20.7	3,284
WIMN-CD D36 DC LIC	168.6	19,088	150.7	13,901	150.7	13,901
WVOZ-TV D36 DT CP	5576.2	46,103	5576.2	46,103	5573.8	45,814

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:	W36EP-D	D35	LD	LIC	YAUCO, PR	BLANK0000006960	10.7 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	13018.1	922,764	12933.4	921,764	12927.7	919,138	0.04	0.28

Undesired	Total IX		Unique IX, before		Unique IX, after	
W36EP-D D35 LD LIC	5.7	2,626			5.7	2,626
WCCV-TV D35 DT CP	74.2	0	59.1	0	59.1	0
WIMN-CD D36 DC CP	21.7	172	5.7	146	5.7	146
WTJX-TV D36 DT CP	4.9	854	3.9	828	3.9	828

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:	W36EP-D	D35	LD	LIC	YAUCO, PR	BLANK0000006960	10.7 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	13018.1	922,764	12938.5	921,910	12932.9	919,284	0.04	0.28

Undesired		Total IX		Unique IX, before		Unique IX, after	
W36EP-D D35 LD LIC	5.7	2,626				5.7	2,626
WCCV-TV D35 DT CP	74.2	0	72.2	0	72.2	0	
WIMN-CD D36 DC LIC	3.0	26	0.5	0	0.5	0	
WTJX-TV D36 DT CP	4.9	854	4.4	828	4.4	828	

Interference to proposal scenario 1
9.16% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W36EP-D	D35	LD	LIC	YAUCO, PR	BLANK0000006960	
Undesireds:	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	22.9 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	50.4
	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	19.2
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	10.7

Service area		Terrain-limited		IX-free		Percent IX	
3530.8	457,665	2997.1	266,273	2547.3	241,885	15.01	9.16

Undesired		Total IX		Unique IX		Prcnt Unique IX	
WCCV-TV D35 DT CP	68.3	1,970	8.6	105	0.29	0.04	
WNTE-LD D36 LD LIC	257.4	11,200	31.3	6,326	1.04	2.38	
WVOZ-TV D36 DT CP	397.3	16,373	164.8	12,921	5.50	4.85	

W36EP-D PROPOSED FACILITY ON CH 35 POST REPACK TVSTUDY

tvstudy v2.2.5 (4uoc83)
Database: 127.0.0.1, Study: BLANK0000030184 #980, Model: Longley-Rice
Start: 2018.04.26 11:37:13

Study created: 2018.04.26 11:37:13

Study build station data: LMS TV 2018-04-25

    Proposal: DW48DT-D D35 LD STA GUAYANILLA, PR
 File number: BLANK0000030184
 Facility ID: 181870
Station data: User record
   Record ID: 430
     Country: U.S.

Search options:
Baseline record excluded if station has CP
All records for new LPTV stations excluded

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WPRU-LP	N20z	TX	LIC	AQUADILLA, PR	BLTTL20101020ABE	55.9 km
No	W28EQ-D	N32+	TX	LIC	UTUADO, PR	BLTT19890703IC	22.8
Yes	WIDP	D34	DT	CP	GUAYAMA, PR	BLANK0000025304	97.2
No	WWKQ-LD	D34-	LD	APP	QUEBRADILLAS, PR	BLANK0000051821	48.4
No	W34ED-D	D34	LD	LIC	TRUJILLO ALTO, PR	BLDTL20140404AAY	70.7
No	W34DY-D	D34	LD	LIC	VIEQUES, PR	BLANK0000010492	138.3
Yes	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	17.3
No	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	43.2
No	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	43.2
No	WXWZ-LD	D36	LD	APP	GUAYAMA, PR	BLANK0000052871	70.7
Yes	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	26.0
Yes	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	0.2
Yes	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	10.5
No	WTJX-TV	D36	DT	CP	CHARLOTTE AMALIE, VI	BLANK0000025655	192.6
No	WIVE-LP	N42-	TX	LIC	CEIBA, PR	BLTTL20030128ABW	116.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D35
       Mask: Full Service
   Latitude:  18  4 41.00 N (NAD83)
  Longitude:  66 44 54.00 W
Height AMSL: 665.1 m
       HAAT: 0.0 m
   Peak ERP: 10.0 kW
    Antenna: PSILP8BG (ID 17800) 180.0 deg
Elev Pattrn: Generic
  Elec Tilt: 0.50
```

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.441 kW	-70.2 m	13.8 km
45.0	0.552	-89.6	14.6
90.0	7.92	421.2	58.0
135.0	4.22	550.8	58.4
180.0	1.30	630.6	52.6
225.0	4.22	566.6	58.7
270.0	7.92	443.7	58.9
315.0	0.552	-97.7	14.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 294 m

Distance to Canadian border: 2967.6 km

Distance to Mexican border: 3222.2 km

Conditions at FCC monitoring station: Santa Isabel PR
Bearing: 101.5 degrees Distance: 40.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 311.9 degrees Distance: 4416.0 km

Study cell size: 0.50 km
Profile point spacing: 0.50 km

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

Interference to BLANK0000025304 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIDP	D34	DT	CP	GUAYAMA, PR	BLANK0000025304	
Undesireds:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	97.2 km
	WJWN-TV	D33	DT	CP	SAN SEBASTIAN, PR	BLANK0000027870	120.2
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	95.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
24002.1	2,561,120	21754.5	2,325,306	21502.2	2,319,202	21498.9	2,319,202	0.01	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	16.0	0			3.2	0
WJWN-TV D33 DT CP	238.3	0	238.3	0	225.5	0
WCCV-TV D35 DT CP	14.0	6,104	14.0	6,104	14.0	6,104

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:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	17.3 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

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18310.6	2,604,992	17497.3	2,562,476	16708.9	2,550,255	4.51	0.48

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	1580.5	47,006			788.4	12,221
WIDP D34 DT CP	10.3	4,847	10.1	4,828	4.9	4,683
WIMN-CD D36 DC CP	14.8	3,011	14.5	2,992	14.0	2,985
WVOZ-TV D36 DT CP	788.4	34,677	788.4	34,677	2.2	63

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:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	17.3 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

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22589.5	3,419,212	18310.6	2,604,992	17476.6	2,556,517	16688.5	2,544,296	4.51	0.48

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	1580.5	47,006			788.2	12,221
WIDP D34 DT CP	10.3	4,847	10.1	4,828	4.9	4,683
WIMN-CD D36 DC LIC	35.7	8,970	35.2	8,951	34.5	8,944
WVOZ-TV D36 DT CP	788.4	34,677	788.2	34,677	2.2	63

Interference to BLANK0000006958 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	
Undesireds:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	26.0 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	25.4
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	49.7
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	26.1
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	19.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
10641.8	694,883	10439.2	627,933	4589.5	535,461	4589.5	535,461	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	2.5	118			0.0	0
WCCV-TV D35 DT CP	38.6	8,471	20.4	2,448	20.4	2,448
WIMN-CD D36 DC CP	173.3	24,494	153.9	18,406	153.9	18,406
WVOZ-TV D36 DT CP	5576.2	46,103	2629.2	22,586	2628.4	22,586
W36EP-D D36 LD LIC	3027.7	43,009	79.9	19,427	79.6	19,415

Interference to BLANK0000006958 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	
Undesireds:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	26.0 km
	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	25.4
	WIMN-CD	D36	DC	LIC	ARECIBO, PR	BLDTA20140225AAJ	49.7
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	26.1
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	19.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
10641.8	694,883	10439.2	627,933	4593.5	539,997	4593.5	539,997	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	2.5	118			0.0	0
WCCV-TV D35 DT CP	38.6	8,471	20.7	3,284	20.7	3,284
WIMN-CD D36 DC LIC	168.6	19,088	150.0	13,870	150.0	13,870
WVOZ-TV D36 DT CP	5576.2	46,103	2629.4	22,586	2628.7	22,586
W36EP-D D36 LD LIC	3027.7	43,009	80.1	19,461	79.9	19,449

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:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	0.2 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	13018.1	922,764	12933.4	921,764	12926.5	920,504	0.05	0.14

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	7.4	1,401			6.9	1,260
WCCV-TV D35 DT CP	74.2	0	59.1	0	59.1	0
WIMN-CD D36 DC CP	21.7	172	5.7	146	5.2	5
WTJX-TV D36 DT CP	4.9	854	3.9	828	3.9	828

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:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	0.2 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	13018.1	922,764	12938.5	921,910	12931.1	920,509	0.06	0.15

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	7.4	1,401			7.4	1,401
WCCV-TV D35 DT CP	74.2	0	72.2	0	72.2	0
WIMN-CD D36 DC LIC	3.0	26	0.5	0	0.5	0
WTJX-TV D36 DT CP	4.9	854	4.4	828	4.4	828

Interference to BLANK0000006960 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	
Undesireds:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	10.5 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	50.4
	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	19.2
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	10.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
4589.1	444,299	4115.9	284,226	1139.9	198,494	1136.9	197,949	0.26	0.27

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	87.6	7,855			3.0	545
WIMN-CD D36 DC CP	1.7	68	1.2	68	1.2	68
WNTE-LD D36 LD LIC	2860.1	61,244	71.3	6,926	69.0	6,841
WVOZ-TV D36 DT CP	2903.5	78,738	114.2	24,420	109.2	23,437

Interference to BLANK0000006960 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	

Undesireds:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	10.5 km
	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	19.2
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	10.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
4589.1	444,299	4115.9	284,226	1141.1	198,562	1138.2	198,017	0.26	0.27

Undesired	Total IX		Unique IX, before		Unique IX, after	
DW48DT-D D35 LD STA	87.6	7,855			3.0	545
WNTE-LD D36 LD LIC	2860.1	61,244	71.3	6,926	69.0	6,841
WVOZ-TV D36 DT CP	2903.5	78,738	114.6	24,420	109.7	23,437

Interference to proposal scenario 1
3.19% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	DW48DT-D	D35	LD	STA	GUAYANILLA, PR	BLANK0000030184	
Undesireds:	WCCV-TV	D35	DT	CP	ARECIBO, PR	BLANK0000026046	17.3 km
	WIMN-CD	D36	DC	CP	ARECIBO, PR	BLANK0000036058	43.2
	WNTE-LD	D36	LD	LIC	MAYAGUEZ, PR	BLANK0000006958	26.0
	WVOZ-TV	D36	DT	CP	PONCE, PR	BLANK0000028456	0.2
	W36EP-D	D36	LD	LIC	YAUCO, PR	BLANK0000006960	10.5

Service area		Terrain-limited		IX-free		Percent IX	
6652.4	697,522	6249.7	581,505	5834.5	562,932	6.64	3.19

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WCCV-TV D35 DT CP	346.7	4,334	284.8	1,537	4.56	0.26
WNTE-LD D36 LD LIC	117.3	13,827	56.4	12,208	0.90	2.10
WVOZ-TV D36 DT CP	7.6	1,399	6.7	215	0.11	0.04
W36EP-D D36 LD LIC	5.7	1,850	5.2	1,776	0.08	0.31