

## WDWL-DT, Bayamon, PR, OET-69 Post-Transition Interference Analysis

Percent allowed new interference: 0.500  
Percent allowed new interference to Class A: 0.500  
TW Census data selected 2000  
Post Transition Data Base Selected /export/home/cdbb/pt\_tvdb.sff

### TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 11-01-2008 Time: 12:56:05

#### Record Selected for Analysis

WDWL USERRECORD-01 BAYAMON PR US  
Channel 30 ERP 100. kW HAAT 313. m RCAMSL 00533 m  
Latitude 018-16-49 Longitude 0066-06-35  
Status APP Zone 2 Border  
Dir Antenna Make CDB Model 00000000072963 Beam tilt N Ref Azimuth 0.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	53.144	467.3	86.6
45.0	85.933	429.2	87.9
90.0	84.456	413.7	87.0
135.0	14.900	383.0	73.5
180.0	9.303	126.0	53.9
225.0	14.900	95.8	53.2
270.0	84.456	154.4	66.4
315.0	85.933	437.8	88.3

#### Evaluation toward Class A Stations

Station inside contour of Class A station  
WSJN-CA 15 SAN JUAN PR BLTTL 19940223IC

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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### Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
30	WDWL	BAYAMON PR	USERRECORD01

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WSJN-CA	SAN JUAN PR	6.1	LIC	BLTTL	-19940223IC
29	WORA-TV	MAYAGUEZ PR	94.0	CP MOD	BMPCDT	-20080813AAG
29	WORA-TV	MAYAGUEZ PR	93.9	PLN	DTVPLN	-DTVP1092
31	WSJU-TV	SAN JUAN PR	1.8	CP MOD	BMPCDT	-20060628ACE
31	WSJU-TV	SAN JUAN PR	1.8	PLN	DTVPLN	-DTVP1158
33	WQQZ-CA	PONCE PR	70.8	LIC	BLTTL	-19981208JA

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### Analysis of Interference to Affected Station 1

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	WSJN-CA	SAN JUAN PR	BLTTL	-19940223IC

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WMEI	ARECIBO PR	43.9	CP MOD	BMPCDT	-20080620ACV
14	WMEI	ARECIBO PR	43.9	PLN	DTVPLN	-DTVP0509
14	WTIN	PONCE PR	45.6	LIC	BLCT	-19971208KF
15	WTIN	PONCE PR	45.6	CP MOD	BMPCDT	-20040803ABE
15	WTIN	PONCE PR	45.6	PLN	DTVPLN	-DTVP0545
15	WVIF	CHRISTIANSTED VI	156.4	LIC	BLCT	-20001227ABK
15	WVIF	CHRISTIANSTED VI	156.4	PLN	DTVPLN	-DTVP0555
16	WMTJ	FAJARDO PR	39.1	CP MOD	BMPEDT	-20070629AEN
16	WMTJ	FAJARDO PR	39.1	PLN	DTVPLN	-DTVP0580
16	WMTJ	FAJARDO PR	39.1	APP	BMPEDT	-20080620AEH
16	WOST	MAYAGUEZ PR	108.1	LIC	BLCT	-20060120AAC
17	WVEO	AGUADILLA PR	106.9	CP MOD	BMPCDT	-20060705ABD
17	WVEO	AGUADILLA PR	106.9	PLN	DTVPLN	-DTVP0617
17	WVXF	CHARLOTTE AMALIE VI	128.7	CP MOD	BMPCDT	-20080618AAX

17	WVXF	CHARLOTTE AMALIE VI	128.7	PLN	DTVPLN	-DTVP0624
18	WECN	NARANJITO PR	10.7	CP	BPCDT	-20080221ABF
18	WECN	NARANJITO PR	10.7	PLN	DTVPLN	-DTVP0649
18	WECN	NARANJITO PR	10.7	APP	BMPCDT	-20080902ABN
19	WKPV	PONCE PR	66.0	CP MOD	BMPCDT	-20040318ABY
19	WKPV	PONCE PR	66.0	PLN	DTVPLN	-DTVP0698
22	WOST	MAYAGUEZ PR	108.1	PLN	DTVPLN	-DTVP0823
22	WOST	MAYAGUEZ PR	108.1	CP	BPCDT	-20080303AKY
23	WNJX-TV	MAYAGUEZ PR	87.8	CP MOD	BMPCDT	-20040115ACG
23	WNJX-TV	MAYAGUEZ PR	87.8	PLN	DTVPLN	-DTVP0860
29	WORA-TV	MAYAGUEZ PR	88.4	CP MOD	BMPCDT	-20080813AAG
29	WORA-TV	MAYAGUEZ PR	88.4	PLN	DTVPLN	-DTVP1092
30	WDWL	BAYAMON PR	6.1	PLN	DTVPLN	-DTVP1120
30	WSJU-TV	SAN JUAN PR	7.9	LIC	BLCT	-19841129LB
30	WDWL	BAYAMON PR	6.1	APP	USERRECORD-01	

Total scenarios = 12

Result key: 1  
Scenario 1 Affected station 1  
Before Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160308	193.9	
lost to all IX	1477655	2601.5	

Potential Interfering Stations Included in above Scenario 1

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	BMPCDT	20080620ACV	CP
15A PR PONCE	BMPCDT	20040803ABE	CP
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20070629AEN	CP
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160308	193.9	
lost to all IX	1477655	2601.5	

Potential Interfering Stations Included in above Scenario 1

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC

14A PR ARECIBO	BMPCDT	20080620ACV	CP
15A PR PONCE	BMPCDT	20040803ABE	CP
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20070629AEN	CP
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 2  
 Scenario 2 Affected station 1  
 Before Analysis

Results for: 15N PR SAN JUAN	BLTTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160308	193.9	
lost to all IX	1477655	2601.5	

Potential Interfering Stations Included in above Scenario 2

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	BMPCDT	20080620ACV	CP
15A PR PONCE	BMPCDT	20040803ABE	CP
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	DTVPLN	DTVP0580	PLN
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 15N PR SAN JUAN	BLTTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160308	193.9	
lost to all IX	1477655	2601.5	

Potential Interfering Stations Included in above Scenario 2

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	BMPCDT	20080620ACV	CP
15A PR PONCE	BMPCDT	20040803ABE	CP
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	DTVPLN	DTVP0580	PLN
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 3  
 Scenario 3 Affected station 1  
 Before Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160308	193.9	
lost to all IX	1477655	2601.5	

Potential Interfering Stations Included in above Scenario 3

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	BMPCDT	20080620ACV	CP
15A PR PONCE	DTVPLN	DTVP0545	PLN
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20070629AEN	CP
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160308	193.9	
lost to all IX	1477655	2601.5	

Potential Interfering Stations Included in above Scenario 3

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	BMPCDT	20080620ACV	CP
15A PR PONCE	DTVPLN	DTVP0545	PLN
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20070629AEN	CP
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 4  
Scenario 4 Affected station 1  
Before Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160308	193.9	
lost to all IX	1477655	2601.5	

Potential Interfering Stations Included in above Scenario 4

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	BMPCDT	20080620ACV	CP
15A PR PONCE	DTVPLN	DTVP0545	PLN
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	DTVPLN	DTVP0580	PLN
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160308	193.9	
lost to all IX	1477655	2601.5	

Potential Interfering Stations Included in above Scenario 4

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	BMPCDT	20080620ACV	CP
15A PR PONCE	DTVPLN	DTVP0545	PLN
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	DTVPLN	DTVP0580	PLN
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 5  
 Scenario 5 Affected station 1  
 Before Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160097	192.9	
lost to all IX	1477444	2600.5	

Potential Interfering Stations Included in above Scenario 5

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	DTVPLN	DTVP0509	PLN
15A PR PONCE	BMPCDT	20040803ABE	CP
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20070629AEN	CP
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160097	192.9	
lost to all IX	1477444	2600.5	

Potential Interfering Stations Included in above Scenario 5

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	DTVPLN	DTVP0509	PLN
15A PR PONCE	BMPCDT	20040803ABE	CP
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20070629AEN	CP
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 6  
Scenario 6 Affected station 1  
Before Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160097	192.9	
lost to all IX	1477444	2600.5	

Potential Interfering Stations Included in above Scenario 6

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	DTVPLN	DTVP0509	PLN
15A PR PONCE	BMPCDT	20040803ABE	CP
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	DTVPLN	DTVP0580	PLN
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160097	192.9	
lost to all IX	1477444	2600.5	

Potential Interfering Stations Included in above Scenario 6

14N PR PONCE	BLCT	19971208KF	LIC
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15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	DTVPLN	DTVP0509	PLN
15A PR PONCE	BMPCDT	20040803ABE	CP
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	DTVPLN	DTVP0580	PLN
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 7  
 Scenario 7 Affected station 1  
 Before Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160097	192.9	
lost to all IX	1477444	2600.5	

Potential Interfering Stations Included in above Scenario 7

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	DTVPLN	DTVP0509	PLN
15A PR PONCE	DTVPLN	DTVP0545	PLN
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20070629AEN	CP
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160097	192.9	
lost to all IX	1477444	2600.5	

Potential Interfering Stations Included in above Scenario 7

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	DTVPLN	DTVP0509	PLN
15A PR PONCE	DTVPLN	DTVP0545	PLN
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20070629AEN	CP
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 8



Scenario 8 Affected station 1  
Before Analysis

Results for: 15N PR SAN JUAN	BLTTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160097	192.9	
lost to all IX	1477444	2600.5	

Potential Interfering Stations Included in above Scenario 8

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	DTVPLN	DTVP0509	PLN
15A PR PONCE	DTVPLN	DTVP0545	PLN
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	DTVPLN	DTVP0580	PLN
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 15N PR SAN JUAN	BLTTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160097	192.9	
lost to all IX	1477444	2600.5	

Potential Interfering Stations Included in above Scenario 8

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	DTVPLN	DTVP0509	PLN
15A PR PONCE	DTVPLN	DTVP0545	PLN
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	DTVPLN	DTVP0580	PLN
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 9

Scenario 9 Affected station 1  
Before Analysis

Results for: 15N PR SAN JUAN	BLTTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160797	196.9	
lost to all IX	1478144	2604.4	

Potential Interfering Stations Included in above Scenario 9

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	BMPCDT	20080620ACV	CP
15A PR PONCE	BMPCDT	20040803ABE	CP
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20080620AEH	APP
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160797	196.9	
lost to all IX	1478144	2604.4	

Potential Interfering Stations Included in above Scenario 9

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	BMPCDT	20080620ACV	CP
15A PR PONCE	BMPCDT	20040803ABE	CP
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20080620AEH	APP
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 10  
 Scenario 10 Affected station 1  
 Before Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160797	196.9	
lost to all IX	1478144	2604.4	

Potential Interfering Stations Included in above Scenario 10

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	BMPCDT	20080620ACV	CP
15A PR PONCE	DTVPLN	DTVP0545	PLN
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20080620AEH	APP
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

# After Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160797	196.9	
lost to all IX	1478144	2604.4	

Potential Interfering Stations Included in above Scenario 10

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	BMPCDT	20080620ACV	CP
15A PR PONCE	DTVPLN	DTVP0545	PLN
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20080620AEH	APP
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 11  
Scenario 11 Affected station 1  
Before Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160586	195.9	
lost to all IX	1477933	2603.5	

Potential Interfering Stations Included in above Scenario 11

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	DTVPLN	DTVP0509	PLN
15A PR PONCE	BMPCDT	20040803ABE	CP
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20080620AEH	APP
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

# After Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160586	195.9	
lost to all IX	1477933	2603.5	

Potential Interfering Stations Included in above Scenario 11

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	DTVPLN	DTVP0509	PLN
15A PR PONCE	BMPCDT	20040803ABE	CP
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20080620AEH	APP
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 12  
 Scenario 12 Affected station 1  
 Before Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160586	195.9	
lost to all IX	1477933	2603.5	

Potential Interfering Stations Included in above Scenario 12

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	DTVPLN	DTVP0509	PLN
15A PR PONCE	DTVPLN	DTVP0545	PLN
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20080620AEH	APP
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 15N PR SAN JUAN	BLTTL	19940223IC	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1966110	3605.5	
not affected by terrain losses	1767728	3263.9	
lost to NTSC IX	1317347	2407.6	
lost to additional IX by ATV	160586	195.9	
lost to all IX	1477933	2603.5	

Potential Interfering Stations Included in above Scenario 12

14N PR PONCE	BLCT	19971208KF	LIC
15N VI CHRISTIANSTED	BLCT	20001227ABK	LIC
30N PR SAN JUAN	BLCT	19841129LB	LIC
14A PR ARECIBO	DTVPLN	DTVP0509	PLN
15A PR PONCE	DTVPLN	DTVP0545	PLN
15A VI CHRISTIANSTED	DTVPLN	DTVP0555	PLN
16A PR FAJARDO	BMPEDT	20080620AEH	APP
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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## Analysis of Interference to Affected Station 2

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	WORA-TV	MAYAGUEZ PR	BMPCDT	-20080813AAG

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WKAQ-TV	SAN JUAN PR	99.0	LIC	BLCDT	-20020201AAG
28	WKAQ-TV	SAN JUAN PR	99.0	PLN	DTVPLN	-DTVP1054
30	WDWL	BAYAMON PR	93.8	PLN	DTVPLN	-DTVP1120
30	WDWL	BAYAMON PR	94.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 13

Scenario 1 Affected station 2

Before Analysis

Results for: 29A PR MAYAGUEZ BMPCDT 20080813AAG CP

HAAT 634.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2403896	44726.3
not affected by terrain losses	1991018	44102.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	319360	592.3
lost to ATV IX only	319360	592.3
lost to all IX	319360	592.3

Potential Interfering Stations Included in above Scenario 1

28A PR SAN JUAN	BLCDT	20020201AAG	LIC
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 29A PR MAYAGUEZ BMPCDT 20080813AAG CP

HAAT 634.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2403896	44726.3
not affected by terrain losses	1991018	44102.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	326515	616.9
lost to ATV IX only	326515	616.9
lost to all IX	326515	616.9

Potential Interfering Stations Included in above Scenario 1

28A PR SAN JUAN                      BLCDT        20020201AAG    LIC  
30A PR BAYAMON                      USERRECORD01        APP

Percent new IX =        0.4280%

Result key:            14  
Scenario            2    Affected station            2  
Before Analysis

Results for: 29A PR MAYAGUEZ                      BMPCDT        20080813AAG    CP  
HAAT    634.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2403896	44726.3
not affected by terrain losses	1991018	44102.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	328104	636.6
lost to ATV IX only	328104	636.6
lost to all IX	328104	636.6

Potential Interfering Stations Included in above Scenario        2

28A PR SAN JUAN                      DTVPLN        DTVP1054        PLN  
30A PR BAYAMON                      DTVPLN        DTVP1120        PLN

After Analysis

Results for: 29A PR MAYAGUEZ                      BMPCDT        20080813AAG    CP  
HAAT    634.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2403896	44726.3
not affected by terrain losses	1991018	44102.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	335744	660.3
lost to ATV IX only	335744	660.3
lost to all IX	335744	660.3

Potential Interfering Stations Included in above Scenario        2

28A PR SAN JUAN                      DTVPLN        DTVP1054        PLN  
30A PR BAYAMON                      USERRECORD01        APP

Percent new IX =        0.4594%

Worst case new IX        0.4594% Scenario        2

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Analysis of Interference to Affected Station        3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	WORA-TV	MAYAGUEZ PR	DTVPLN	-DTVP1092

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	WKAQ-TV	SAN JUAN PR	98.9	LIC	BLCDT	-20020201AAG
28	WKAQ-TV	SAN JUAN PR	99.0	PLN	DTVPLN	-DTVP1054
30	WDWL	BAYAMON PR	93.8	PLN	DTVPLN	-DTVP1120
30	WDWL	BAYAMON PR	93.9	APP	USERRECORD-01	

Total scenarios = 2

Result key: 15  
Scenario 1 Affected station 3  
Before Analysis

Results for: 29A PR MAYAGUEZ DTVPLN DTVP1092 PLN  
HAAT 607.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2243653	46886.0
not affected by terrain losses	1876858	46274.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	260594	526.4
lost to ATV IX only	260594	526.4
lost to all IX	260594	526.4

Potential Interfering Stations Included in above Scenario 1

28A PR SAN JUAN	BLCDT	20020201AAG	LIC
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 29A PR MAYAGUEZ DTVPLN DTVP1092 PLN  
HAAT 607.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2243653	46886.0
not affected by terrain losses	1876858	46274.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	264195	539.2
lost to ATV IX only	264195	539.2
lost to all IX	264195	539.2

Potential Interfering Stations Included in above Scenario 1

28A PR SAN JUAN	BLCDT	20020201AAG	LIC
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.2228%

Result key: 16  
Scenario 2 Affected station 3  
Before Analysis

Results for: 29A PR MAYAGUEZ DTVPLN DTVP1092 PLN  
HAAT 607.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2243653	46886.0
not affected by terrain losses	1876858	46274.8
lost to NTSC IX	0	0.0

lost to additional IX by ATV	280000	572.8
lost to ATV IX only	280000	572.8
lost to all IX	280000	572.8

Potential Interfering Stations Included in above Scenario 2

28A PR SAN JUAN	DTVPLN	DTVP1054	PLN
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 29A PR MAYAGUEZ DTVPLN DTVP1092 PLN  
HAAT 607.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2243653	46886.0
not affected by terrain losses	1876858	46274.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	283601	585.6
lost to ATV IX only	283601	585.6
lost to all IX	283601	585.6

Potential Interfering Stations Included in above Scenario 2

28A PR SAN JUAN	DTVPLN	DTVP1054	PLN
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.2255%

Worst case new IX 0.2255% Scenario 2

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WSJU-TV	SAN JUAN PR	BMPCDT	-20060628ACE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WDWL	BAYAMON PR	1.8	PLN	DTVPLN	-DTVP1120
32	WTCV	SAN JUAN PR	0.0	LIC	BLCDT	-20040722ADD
32	WTCV	SAN JUAN PR	31.8	PLN	DTVPLN	-DTVP1194
32	WTCV	SAN JUAN PR	31.8	CP	BPCDT	-20070125AAX
30	WDWL	BAYAMON PR	1.8	APP	USERRECORD-01	

Total scenarios = 2

Result key: 17  
Scenario 1 Affected station 4  
Before Analysis

Results for: 31A PR SAN JUAN BMPCDT 20060628ACE CP



HAAT 267.0 m, ATV ERP 66.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2707372	15549.8
not affected by terrain losses	2426764	12960.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	99362	757.7
lost to ATV IX only	99362	757.7
lost to all IX	99362	757.7

Potential Interfering Stations Included in above Scenario 1

32A PR SAN JUAN	DTVPLN	DTVP1194	PLN
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 31A PR SAN JUAN      BMPCDT      20060628ACE      CP  
 HAAT 267.0 m, ATV ERP 66.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2707372	15549.8
not affected by terrain losses	2426764	12960.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	109719	771.5
lost to ATV IX only	109719	771.5
lost to all IX	109719	771.5

Potential Interfering Stations Included in above Scenario 1

32A PR SAN JUAN	DTVPLN	DTVP1194	PLN
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.4450%

Result key: 18  
 Scenario 2 Affected station 4  
 Before Analysis

Results for: 31A PR SAN JUAN      BMPCDT      20060628ACE      CP  
 HAAT 267.0 m, ATV ERP 66.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2707372	15549.8
not affected by terrain losses	2426764	12960.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	99362	757.7
lost to ATV IX only	99362	757.7
lost to all IX	99362	757.7

Potential Interfering Stations Included in above Scenario 2

32A PR SAN JUAN	BPCDT	20070125AAX	CP
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 31A PR SAN JUAN      BMPCDT      20060628ACE      CP  
 HAAT 267.0 m, ATV ERP 66.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	2707372	15549.8
not affected by terrain losses	2426764	12960.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	109719	771.5
lost to ATV IX only	109719	771.5
lost to all IX	109719	771.5

Potential Interfering Stations Included in above Scenario 2

32A PR SAN JUAN	BPCDT	20070125AAX	CP
30A PR BAYAMON	USERRECORD01		APP

Percent new IX = 0.4450%

Worst case new IX 0.4450% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WSJU-TV	SAN JUAN PR	DTVPLN	-DTVP1158

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WDWL	BAYAMON PR	1.8	PLN	DTVPLN	-DTVP1120
32	WTCV	SAN JUAN PR	0.0	LIC	BLCDT	-20040722ADD
32	WTCV	SAN JUAN PR	31.8	PLN	DTVPLN	-DTVP1194
32	WTCV	SAN JUAN PR	31.8	CP	BPCDT	-20070125AAX
30	WDWL	BAYAMON PR	1.8	APP	USERRECORD-01	

Total scenarios = 2

Result key: 19

Scenario 1 Affected station 5

Before Analysis

Results for: 31A PR SAN JUAN DTVPLN DTVP1158 PLN

HAAT 287.0 m, ATV ERP 75.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2859651	19102.4
not affected by terrain losses	2484455	15315.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	55228	818.9
lost to ATV IX only	55228	818.9
lost to all IX	55228	818.9

Potential Interfering Stations Included in above Scenario 1

32A PR SAN JUAN	DTVPLN	DTVP1194	PLN
30A PR BAYAMON	DTVPLN	DTVP1120	PLN

After Analysis

Results for: 31A PR SAN JUAN                      DTVPLN      DTVP1158      PLN  
             HAAT 287.0 m, ATV ERP 75.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2859651	19102.4
not affected by terrain losses	2484455	15315.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	66765	848.5
lost to ATV IX only	66765	848.5
lost to all IX	66765	848.5

Potential Interfering Stations Included in above Scenario      1

32A PR SAN JUAN                      DTVPLN      DTVP1194      PLN  
 30A PR BAYAMON                      USERRECORD01      APP

Percent new IX =      0.4749%

Result key:              20  
 Scenario              2      Affected station              5  
 Before Analysis

Results for: 31A PR SAN JUAN                      DTVPLN      DTVP1158      PLN  
             HAAT 287.0 m, ATV ERP 75.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2859651	19102.4
not affected by terrain losses	2484455	15315.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	55228	818.9
lost to ATV IX only	55228	818.9
lost to all IX	55228	818.9

Potential Interfering Stations Included in above Scenario      2

32A PR SAN JUAN                      BPCDT      20070125AAX      CP  
 30A PR BAYAMON                      DTVPLN      DTVP1120      PLN

After Analysis

Results for: 31A PR SAN JUAN                      DTVPLN      DTVP1158      PLN  
             HAAT 287.0 m, ATV ERP 75.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2859651	19102.4
not affected by terrain losses	2484455	15315.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	66765	848.5
lost to ATV IX only	66765	848.5
lost to all IX	66765	848.5

Potential Interfering Stations Included in above Scenario      2

32A PR SAN JUAN                      BPCDT      20070125AAX      CP  
 30A PR BAYAMON                      USERRECORD01      APP

Percent new IX =      0.4749%

Worst case new IX 0.4749% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WQQZ-CA	PONCE PR	BLTTL	-19981208JA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	WQTO	PONCE PR	0.3	APP	BPEDT	-20080620AEL
25	WQTO	PONCE PR	0.3	PLN	DTVPLN	-DTVP0936
25	WQTO	PONCE PR	0.3	LIC	BLEDT	-20060615ACV
26	WQTO	PONCE PR	0.3	LIC	BLET	-20030818AEG
29	WORA-TV	MAYAGUEZ PR	26.8	CP MOD	BMPCDT	-20080813AAG
29	WORA-TV	MAYAGUEZ PR	26.8	PLN	DTVPLN	-DTVP1092
30	WDWL	BAYAMON PR	70.6	PLN	DTVPLN	-DTVP1120
31	WSJU-TV	SAN JUAN PR	72.3	CP MOD	BMPCDT	-20060628ACE
31	WSJU-TV	SAN JUAN PR	72.3	PLN	DTVPLN	-DTVP1158
32	WELU	AGUADILLA PR	53.1	CP	BPET	-20020502AAO
32	WTCV	SAN JUAN PR	72.3	LIC	BLCDT	-20040722ADD
32	WTCV	SAN JUAN PR	103.7	PLN	DTVPLN	-DTVP1194
32	WTCV	SAN JUAN PR	103.7	CP	BPCDT	-20070125AAX
32	W32AJ	UTUADO PR	22.7	LIC	BLTT	-19890703IC
33	WRUA	FAJARDO PR	103.7	APP	BMPCDT	-20080902ABJ
33	WRUA	FAJARDO PR	103.7	PLN	DTVPLN	-DTVP1228
33	WRUA	FAJARDO PR	103.7	CP	BPCDT	-20080221ABS
34	WELU	AGUADILLA PR	26.9	CP MOD	BMPEDT	-20040316AFD
34	WELU	AGUADILLA PR	26.9	PLN	DTVPLN	-DTVP1270
34	WRUA	FAJARDO PR	103.7	LIC	BLCT	-19970216KE
34	W51EH	PONCE PR	17.9	CP	BNPTTL	-20000807ADG
35	WIPM-TV	MAYAGUEZ PR	26.2	CP MOD	BMPEDT	-20030204ADS
35	WIPM-TV	MAYAGUEZ PR	26.2	PLN	DTVPLN	-DTVP1306
35	WIPM-TV	MAYAGUEZ PR	26.2	APP	BPEDT	-20080619AEV
41	WIRS	YAUCO PR	20.5	CP MOD	BMPCDT	-20040430AGV
41	WIRS	YAUCO PR	20.5	PLN	DTVPLN	-DTVP1483
47	WVOZ-TV	PONCE PR	0.1	CP MOD	BMPCDT	-20060707ADD
47	WVOZ-TV	PONCE PR	0.1	PLN	DTVPLN	-DTVP1688
48	WUJA	CAGUAS PR	70.8	CP	BPEDT	-20080317AET
48	WUJA	CAGUAS PR	70.6	PLN	DTVPLN	-DTVP1718
48	WVOZ-TV	PONCE PR	0.1	LIC	BLCT	-19860808KK
48	WQSJ-LP	QUEBRADILLAS, ETC. PR	48.4	LIC	BLTTL	-20021106AAN
30	WDWL	BAYAMON PR	70.8	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	WDWL	BAYAMON PR	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	WORA-TV	MAYAGUEZ PR	94.0	CP MOD	BMPCDT -20080813AAG
29	WORA-TV	MAYAGUEZ PR	93.9	PLN	DTVPLN -DTVP1092
31	WSJU-TV	SAN JUAN PR	1.8	CP MOD	BMPCDT -20060628ACE
31	WSJU-TV	SAN JUAN PR	1.8	PLN	DTVPLN -DTVP1158

Total scenarios = 4

Result key: 21  
 Scenario 1 Affected station 7  
 Before Analysis

Results for: 30A PR BAYAMON USERRECORD01 APP

HAAT 313.0 m, ATV ERP 100.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2887044	18517.5
not affected by terrain losses	2556527	15417.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5217	16.7
lost to ATV IX only	5217	16.7
lost to all IX	5217	16.7

Potential Interfering Stations Included in above Scenario 1

29A PR MAYAGUEZ	BMPCDT	20080813AAG	CP
31A PR SAN JUAN	BMPCDT	20060628ACE	CP

Result key: 22  
 Scenario 2 Affected station 7  
 Before Analysis

Results for: 30A PR BAYAMON USERRECORD01 APP

HAAT 313.0 m, ATV ERP 100.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2887044	18517.5
not affected by terrain losses	2556527	15417.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14409	33.5
lost to ATV IX only	14409	33.5
lost to all IX	14409	33.5

Potential Interfering Stations Included in above Scenario 2

29A PR MAYAGUEZ	BMPCDT	20080813AAG	CP
31A PR SAN JUAN	DTVPLN	DTVP1158	PLN

Result key: 23  
 Scenario 3 Affected station 7  
 Before Analysis

Results for: 30A PR BAYAMON                      USERRECORD01                      APP  
HAAT 313.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2887044	18517.5
not affected by terrain losses	2556527	15417.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5217	15.7
lost to ATV IX only	5217	15.7
lost to all IX	5217	15.7

Potential Interfering Stations Included in above Scenario                      3

29A PR MAYAGUEZ	DTVPLN	DTVP1092	PLN
31A PR SAN JUAN	BMPCDT	20060628ACE	CP

Result key:                      24  
Scenario                      4    Affected station                      7  
Before Analysis

Results for: 30A PR BAYAMON                      USERRECORD01                      APP  
HAAT 313.0 m, ATV ERP 100.0 kW

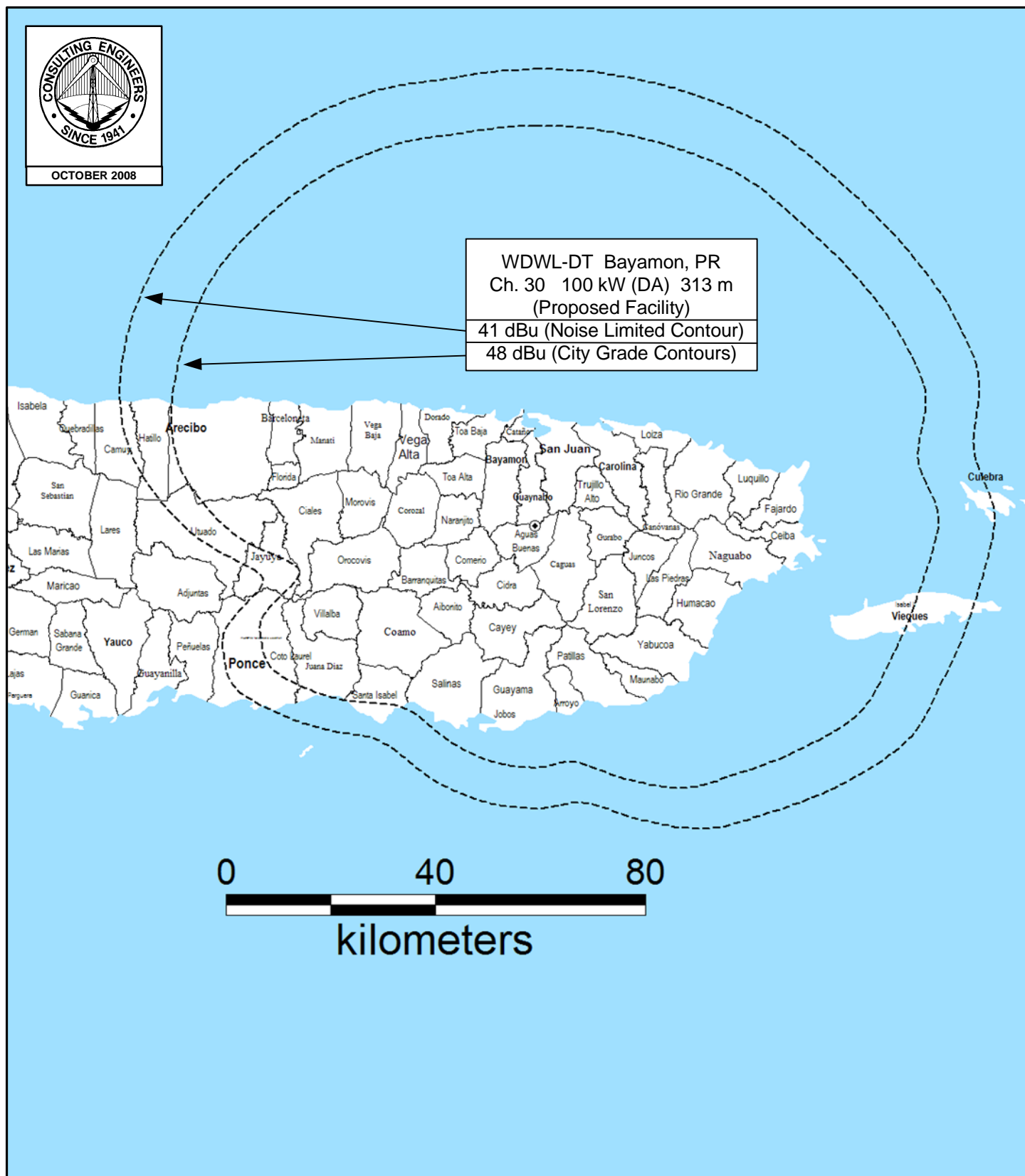
	POPULATION	AREA (sq km)
within Noise Limited Contour	2887044	18517.5
not affected by terrain losses	2556527	15417.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14409	32.5
lost to ATV IX only	14409	32.5
lost to all IX	14409	32.5

Potential Interfering Stations Included in above Scenario                      4

29A PR MAYAGUEZ	DTVPLN	DTVP1092	PLN
31A PR SAN JUAN	DTVPLN	DTVP1158	PLN

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED



## FCC PREDICTED COVERAGE CONTOURS

DTV STATION WDWL-DT  
BAYAMON, PUERTO RICO  
CH 30 100 KW (MAX-DA) 313 M  
du Treil, Lundin & Rackley, Inc. Sarasota, Florida



201 Fletcher Ave.  
Sarasota, FL 34237-6019  
941-329-6000  
941-329-6031 FAX

**Grafton Olivera**  
Direct Dial 941-329-6001  
e-mail: [graffton@dlr.com](mailto:graffton@dlr.com)

October 31, 2008

Via email ([prcz@naic.edu](mailto:prcz@naic.edu))

Dr. Bob Kerr, Director  
Reinaldo Velez, Spectrum Manager  
National Astronomy and Ionosphere Center  
Arecibo Observatory  
HC3 Box 53995  
Arecibo, PR 00612

Gentlemen:

On behalf of our client, WDWL-DT, applicant for post transition digital television station on Channel 30, Bayamon, Puerto Rico, in accordance with Section 73.1030 of the FCC Rules, we hereby notify of the proposed facility. The particulars of the proposal are as follows:

Proposed Facility

Geographical coordinates of antenna location (NAD83): 18-16-41.8 / 66-06-33.6  
Antenna height: 33 m AGL; 533 m AMSL  
Antenna directivity: See attached antenna pattern data  
Antenna orientation: 0° true  
Proposed channel: 30 (566-572 MHz)  
Type of emission: 6M00D7W  
Effective isotropic radiated power: 164 kW (maximum)

The proposed facility will increase the ERP of digital television station WDWL on Channel 30 from 50 KW to 100 KW. WDWL(TV) will discontinue analog operations on Channel 36 on the DTV transition date of February 17, 2009.

Should you find any adverse effect from this proposal, please communicate via email (<mailto:Grafton@dlr.com>), fax (941-329-6031) or regular mail, so appropriate action can be taken.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Grafton Olivera".

Grafton Olivera, P.E.