

EXHIBIT 11
Interference Analysis
W36DB

Facility ID No. 125461

This Technical Exhibit is attached to FCC Form 346 in support of the Applicant's request for a Digital Displacement. The proposed modified operational parameters for W36DB are as follows:

Channel	31
Out-of-channel Emission Mask:	STINGENT
Antenna radiation center height above ground level:	57 meters
Maximum effective radiated power:	.3 KW
Antenna type and model #:	SWR SWLP8OI
Transmitter Site	18-00-34 N 66-36-49 W
Antenna Structure Registration	1202505

A study has been conducted using the provisions of sections 74.703 74.705, 74.706, 74.707, 74.708 and 74.709. This study indicates that the proposal will not create prohibited interference with other existing NTSC full power, DTV, LPTV, or Land Mobile facilities. This proposed facility complies with all interference protection requirements.

Callsign	City	Fac ID	Ch#	Dist	ARN	Class	Type	ERP	Sep T	Status	Bearing	Prot	Clearanc	D/U	Rx Gain	Rx F/B	Adj	Matrix	Svc Con	Svc dBu	Int Conto	Int dBu	Old Pop%	New Pop%	Total Pop	Old Pop	New Pop
WSJU-DT	SAN JUAN	4077	31	62.4	BMPCDT20060628ACE	DTV	CP MOD	66 D/M	Interf	61.68	197	-134.6	15	14	10 Co	LR	F(50,90)	41	-	-	0.00%	0.30%	2471211	2471211	2463926		
WTCV-DT	SAN JUAN	28954	32	92.7	BPCDT20070125AAX	DTV	CP	50 D/M	Interf	68.75	110	-17.3	-12	14	10 A+1	LR	F(50,90)	41	-	-	0.00%	0.10%	2254358	2254358	2252470		
WTCV-DT	SAN JUAN	28954	32	62.4	BLCDT20040722ADD	DTV	LIC	3.9 D/M	Interf	61.68	110	-47.6	-12	14	10 A+1	LR	F(50,90)	41	-	-	0.00%	0.00%	2229387	2229387	2228295		
WDWL-DT	BAYAMON	4110	30	61.2	BMPCDT20081103ACW	DTV	APP	100 D/M	Interf	60.43	110	-48.8	-12	14	10 A-1	LR	F(50,90)	41	-	-	0.00%	0.10%	2584886	2584886	2583115		
WSJU-DT	SAN JUAN	4077	31	62.4	BMDSTA20050222AJX	DTV STA	LIC	5.45 D/M	Interf	61.68	197	-134.6	15	14	10 Co	LR	F(50,90)	41	-	-	0.00%	0.40%	2249357	2249357	2239045		
WDWL	BAYAMON	4110	30	61.2	BPCDT20080317AEF	DTV	CP	50 D/M	Interf	60.43	110	-48.8	-12	14	10 A-1	LR	F(50,90)	41	-	-	0.00%	0.10%	2506910	2506910	2504748		
WDWL	BAYAMON	4110	30	61.2	BDDSTA20081219AEB	DTV STA	APP	5.2 D/M	Interf	60.43	110	-48.8	-12	14	10 A-1	LR	F(50,90)	41	-	-	0.00%	0.00%	2301406	2301406	2300282		
W32AJ	UTUADO	64976	32 +	32.8	BLTT19890703IC	LP NTSC	LIC	1.45 C/M	Clean	338.75	245	20.3	0	0	6 A+1	LR	F(50,50)	74 F(50,10)	64	0.00%	0.00%	15032	15032	15032			
WSJP-LP	AQUADILLA	127507	30 +	72	BLTT120050411AAY	LP NTSC	LIC	5 C/M	Clean	307.9	245	57.1	0	0	6 A+1	LR	F(50,50)	74 F(50,10)	64	0.00%	0.00%	71126	71126	71126			
NEW	CHRISTIANSTED	130054	35 -	206.1	BNPTT20000830BGV	LP NTSC	CP	1 D/M	Clean	98.41	106	100.1	-25	0	6 T+4	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C	N/C	
W29CB	ST. THOMAS	17398	29	178.2	BLTT119971105II	LP NTSC	LIC	35 D/M	Clean	77.22	106	72.2	-24	0	6 T-2	LR	F(50,50)	74	-	-	0.00%	0.00%	515	515	515		
W34DO	CHRISTIANSTED	127858	34	193.9	BLTT120080314AEL	LP NTSC	LIC	7.5 D/M	Clean	98.05	106	87.9	-34	0	6 T+3	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C	N/C	
	CHRISTIANSTEAD	125739	39 +	194.1	BNPTTL20000821AAG	LP NTSC	APP	2.5 D/M	Clean	98.07	106	88.1	-43	0	6 T+8	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C	N/C	
W38BM	CHARLOTTE AMALIE	33887	38 -	177.7	BLTT119990709JF	LP NTSC	LIC	20 D/M	Clean	77.11	106	71.7	-43	0	6 T+7	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C	N/C	
WCVI-TV	CHRISTIANSTED	137766	39 Z	201.6	BPRM20021129AAP	NEW NTSC	LIC	26.67 D/M	Clean	98	106	95.6	-43	0	6 T+8	LR	F(50,50)	64	-	-	N/C	N/C	N/C	N/C	N/C	N/C	
WCVI-TV	CHRISTIANSTED	83304	39 Z	201.6	BLCT20031222ACN	NTSC	LIC	26.67 D/M	Clean	98	106	95.6	-43	0	6 T+8	LR	F(50,50)	64	-	-	N/C	N/C	N/C	N/C	N/C	N/C	
WPRV-TV*	FAJARDO	73901	33	92.7	DTV ALLOTMENT	NTSC	LIC	281.8 D/M	Clean	68.75	106	-13.3	-28	0	6 T+2	LR	F(50,50)	64	-	-	0.00%	0.00%	1618315	1618315	1618315		
WORA-TV*	MAYAGUEZ	64865	29	42.7	DTV ALLOTMENT	NTSC	LIC	1000 D/M	Clean	291.66	106	-63.3	-24	0	6 T-2	LR	F(50,50)	64	-	-	0.00%	0.00%	406754	406754	406754		
WNJX-TV*	MAYAGUEZ	73336	23	42.7	DTV ALLOTMENT	NTSC	LIC	50 D/M	Clean	291.76	106	-63.3	-32	0	6 T-8	LR	F(50,50)	64	-	-	0.00%	0.00%	170335	170335	170335		
WKAQ-TV*	SAN JUAN	64983	28	60.4	DTV ALLOTMENT	NTSC	LIC	871 D/M	Clean	78.72	106	-45.6	-30	0	6 T-3	LR	F(50,50)	64	-	-	0.00%	0.00%	2005046	2005046	2005046		
WJWN-TV*	SAN SEBASTIAN	58342	39	68.8	DTV ALLOTMENT	NTSC	LIC	50 D/M	Clean	300.02	106	-37.2	-43	0	6 T+8	LR	F(50,50)	64	-	-	0.00%	0.00%	333916	333916	333916		
WJWN-TV	SAN SEBASTIAN	58342	38 Z	68.8	BMLCT20030516ACI	NTSC	LIC	85.1 D/M	Clean	300.02	106	-37.2	-43	0	6 T+7	LR	F(50,50)	64	-	-	0.00%	0.00%	355547	355547	355547		
WJPX	SAN JUAN	58340	24 Z	85.7	BLCT20000821ACE	NTSC	LIC	676 D/M	Clean	69.4	106	-20.3	-35	0	6 T-7	LR	F(50,50)	64	-	-	0.00%	0.00%	1855490	1855490	1855490		
WIPM-TV*	MAYAGUEZ	53863	35	42.1	DTV ALLOTMENT	NTSC	LIC	1000 D/M	Clean	291.85	106	-63.9	-25	0	6 T+4	LR	F(50,50)	64	-	-	0.00%	0.00%	575311	575311	575311		
WIDP1	LAS PALMAS, ETC.	88879	46 -	52.3	BPUB19970828IE	NTSC BOC	CP	12.8 D/M	Clean	87.05	106	-53.7	-31	0	6 T+15	LR	F(50,50)	74	-	-	0.00%	0.00%	1401	1401	1401		
WIDP*	GUAYAMA	18410	45	85.9	DTV ALLOTMENT	NTSC	LIC	50 D/M	Clean	69.38	106	-20.1	-33	0	6 T+14	LR	F(50,50)	64	-	-	0.00%	0.00%	1604022	1604022	1604022		
WIDP	GUAYAMA	18410	46 Z	85.8	BLCT19970509KG	NTSC	LIC	1480 D/M	Clean	69.44	106	-20.2	-31	0	6 T+15	LR	F(50,50)	64	-	-	0.00%	0.00%	1886391	1886391	1886391		
WELU*	AGUADILLA	26602	34	69.2	DTV ALLOTMENT	NTSC	LIC	50 D/M	Clean	299.25	106	-36.8	-34	0	6 T+3	LR	F(50,50)	64	-	-	0.00%	0.00%	336880	336880	336880		
WELU	AGUADILLA	26602	32 Z	69.2	BLET19870112KG	NTSC	LIC	9.33 D/M	Clean	299.25	106	-36.8	0	0	6 A+1	LR	F(50,50)	64	-	-	0.00%	0.00%	331264	331264	331264		
WELU	AGUADILLA	26602	32 Z	69.2	BPET20020502AAO	NTSC	CP	7.1 D/M	Clean	299.25	106	-36.8	0	0	6 A+1	LR	F(50,50)	64	-	-	0.00%	0.00%	327320	327320	327320		
WRUA	FAJARDO	15320	34 Z	92.7	BLCT19970216KE	NTSC	LIC	50.1 D/M	Clean	68.75	106	-13.3	-34	0	6 T+3	LR	F(50,50)	64	-	-	0.00%	0.00%	1633205	1633205	1633205		
WRWR-TV	SAN JUAN	4077	30 Z	62.4	BLCT19841129LB	NTSC	LIC	2630 D/M	Clean	61.68	106	-43.6	0	0	6 A-1	LR	F(50,50)	64	-	-	0.00%	0.00%	1943425	1943425	1943425		
WAPA-TV*	SAN JUAN	52073	27	60.5	DTV ALLOTMENT	NTSC	LIC	851.1 D/M	Clean	79.09	106	-45.5	-34	0	6 T-4	LR	F(50,50)	64	-	-	0.00%	0.00%	2017304	2017304	2017304		
WRWR-TV*	SAN JUAN	4077	31	62.4	DTV ALLOTMENT	NTSC	LIC	75.9 D/M	Clean	61.68	218	-155.6	34	0	6 Co	LR	F(50,50)	64	-	-	0.00%	0.00%	1480831	1480831	1480831		
W34CI	MAYAGUEZ, ETC.	71730	34 +	69.8	BLTT19971031JA	LP NTSC	LIC	6 D/M	Clean	299.11	106	-36.2	-34	0	6 T+3	LR	F(50,50)	74	-	-	0.00%	0.00%	211918	211918	211918		
W34CI	MAYAGUEZ	71730	46 -	69.8	BDISTT20070828AAO	LP NTSC	CP	17.1 D/M	Clean	299.11	106	-36.2	-31	0	6 T+15	LR	F(50,50)	74	-	-	0.00%	0.00%	248680	248680	248680		
W33BN	PONCE	32142	33 Z	16.1	BLTT119981208JA	A NTSC	LIC	3 D/M	Clean	299.41	106	-89.9	-28	0	6 T+2	LR	F(50,50)	74	-	-	0.00%	0.00%	136196	136196	136196		
WJWN-TV	SAN SEBASTIAN	58342	38 Z	69	BPCT20070712ABV	NTSC	CP	85.1 D/M	Clean	299.93	106	-37	-43	0	6 T+7	LR	F(50,50)	64	-	-	0.00%	0.00%	371444	371444	371444		
WTCV*	SAN JUAN	28954	32	92.7	DTV ALLOTMENT	NTSC	LIC	50 D/M	Clean	68.75	106	-13.3	0	0	6 A+1	LR	F(50,50)	64	-	-	0.00%	0.00%	1483642	1483642	1483642		
W24CU	AQUADILLA	128825	24 Z	72	BLTT120050407AAH	LP NTSC	LIC	5 D/M	Clean	307.9	106	-34	-35	0	6 T-7	LR	F(50,50)	74	-	-	0.00%	0.00%	71126	71126	71126		
W21CW	MAYAGUEZ	125216	31 T	57.9	BDISDTL20081208ABP	LP DTV	APP	0.9 D/M	Clean	295.07	197	-139.1	15	14	10 Co	LR	F(50,90)	51	-	-	0.00%	0.00%	218958	218958	218958		
NEW	YCAMUY	127517	45 -	57.6	BNPTTL20000830AJD	LP NTSC	CP	0.025 D/M	Clean	331.54	106	-48.4	-33	0	6 T+14	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C	N/C	
NEW	SAN JUAN	129234	38 -	56.9	BNPTTL20000830AXC	LP NTSC	APP	0.001 D/M	Clean	56.29	106	-49.1	-43	0	6 T+7	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C	N/C	
NEW	PONCE	125214	34	3.2	BNPTTL20000807ADG	LP NTSC	CP	0.001 D/M	Clean	179.85	106	-102.8	-34	0	6 T+3	LR	F(50,50)	74	-	-	N/C	N/C	N/C	N/C	N/C	N/C	
WWXY-LP	SAN JUAN	64856	38 +	61.2	BLTT120080716AAS	LP NTSC	LIC	95.1 D/M	Clean	60.43	106	-44.8	-43	0	6 T+7	LR	F(50,50)	74	-	-	0.00%	0.00%	1384955	1384955	1384955		
	CAGUAS	125376	38 +	62.4	BNPTTL20000804ACN	LP NTSC	APP	50 D/M	Clean	61.68	106	-43.6	-43	0	6 T+7	LR	F(50,50)	74	-	-	0.00%	0.00%	1330618	1330618	1330618		