

NEW FM BOOSTER APPLICATION
CARIBBEAN BROADCASTING CORPORATION
NEW FM BOOSTER STATION
CH 297D - 107.3 MHZ - 0.250 KW (DA)
PONCE, PUERTO RICO
November 2004

EXHIBIT B

Interference review for new FM Booster Ponce, Puerto Rico
using proposed site as reference
CH# 297D - 107.3 MHz, Pwr= 0.25 kW, HAAT=15.7M, COR= 72 M

REFERENCE										DISPLAY DATES	
17 58 52 N		Average Protected F(50-50)= 11.0 km								DATA	11-24-04
66 36 49 W		Ave. F(50-10) 40 dBu= 37.6 54 dBu= 15.8 100 dBu= 1.1								SEARCH	11-29-04
CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr (kW)	COR (M)	PRO (km)	*IN*	*OUT*	
CITY		STATE	<--	FILE #	LNG.	HAAT (M)	INT (km)	LICENSEE	(Overlap	in km)	
297B	WCMNFM	LIC CN	324.8	36.22	18 14 52	50	770	5.6	-99.17	-46.44	
Arecibo		PR	144.8	BLH-19890712KD	66 48 43	95	129.8	Caribbean Broadcasting Corp.			
300D	AP300	APP DH	268.0	6.04	17 58 45	0	80	4.0	2.00	5.86	
Ponce		PR	88.0	BNPFT-20030829AJF	66 40 14	78	0.0	Renacer Broadcasters Corp.			
300D	AP300	APP DH	268.0	6.04	17 58 45	0	80	4.0	2.00	5.86	
Ponce		PR	88.0	BNPFT-20030317HLB	66 40 14	78	0.0	Renacer Broadcasters Corp.			
297D	WCMN-1	APP DV	60.3	64.24	18 16 01	0.003	499	3.4	47.21	49.01	
Bayamon		PR	240.3	BNPFTB-20040827AA	66 05 07	103	13.6	Caribbean Broadcasting Cor			
295B	WMEG«	LIC CY	76.0	61.24	18 06 48	25	950	3.9	50.46	-12.66	
Guayama		PR	256.0	BLH-19830628AK	66 03 07	317	6.9	WMEG Licensing, Inc.			
299D	WVOZF1	CP DV	56.3	20.00	18 04 51	0.002	497	3.5	16.45	12.58	
Juana Diaz		PR	236.3	BNPFTB-20010828AB	66 27 22	441	0.1	International Broadcasting			
298D	AP298	APP DH	314.7	68.81	18 25 00	0	260	4.6	64.24	62.30	
Aguadilla		PR	134.7	BNPFT-20030317HKU	67 04 40	161	0.0	Renacer Broadcasters Corp.			
296D	AP296	APP C	322.6	72.75	18 30 06	0.027	95	5.4	61.63	61.11	
Isabela		PR	142.6	BNPFT-20030317EKU	67 02 01	-108	5.7	Luis A. Pedreira, Jr.			
294D	AP294	APP C	312.5	76.18	18 26 37	0.01	196	4.3	71.64	70.18	
Aguadilla		PR	132.5	BNPFT-20030317EKC	67 08 49	91	0.2	Luis A. Pedreira, Jr.			
294D	AP294	APP DV	312.3	76.54	18 26 40	0.008	130	4.3	72.04	73.15	
Aguadilla		PR	132.3	BNPFT-20030313APL	67 09 03	27	0.2	Jose J. Arzuaga			

ERP and HAAT are on direct line to and from reference station.

Proposed Booster
Latitude: 17-58-52 N
Longitude: 066-36-49 W
ERP: 0.25 kW
Channel: 297D
AMSL Height: 72.2 m

PONCE, PR APP 60 dBu (50/50)

PONCE, PR APP 100 dBu (50/10)

PROPOSED 60 dBu (50/50)

PROPOSED 100 dBu (50/10)

Ponce

Booster

AP300

EXHIBIT B1

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Scale 1:150,000

A horizontal number line is shown with tick marks at 0, 2, 4, and 6, labeled 'km' at the right end. The segments between the tick marks are shaded with black bars. The segments are: 0 to 1 (1 km), 1 to 3 (2 km), 3 to 6 (3 km), and 6 to 10 (4 km).

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EXHIBIT B2

Predicted Contour:

N. Lat. = 17 58 52 - Tabulated Protected and Interfering Contours

W. Lng. = 66 36 49 - New FM Booster Station - Ponce, Puerto Rico

HAAT and Distance to Contour - FCC Method - 03 Arc Second terrain database

Azi.	HAAT	ERP kW	dBk	Field	60-F5	40-F1	48-F1	54-F1	100-F1
000	-157.6	0.2500	-6.02	1.000	7.09	23.76	14.15	10.15	1.11
010	-125.6	0.2266	-6.45	0.952	6.92	23.16	13.81	9.90	1.06
020	-68.2	0.1875	-7.27	0.866	6.60	22.04	13.19	9.44	0.96
030	-42.7	0.1289	-8.90	0.718	6.00	19.94	12.06	8.56	0.80
040	-38.0	0.0697	-11.57	0.528	5.14	16.69	10.41	7.28	0.59
050	30.2	0.0271	-15.68	0.329	4.03	12.93	8.18	5.76	0.36
060	37.6	0.0090	-20.45	0.190	3.43	10.98	6.84	4.85	0.21
070	50.5	0.0045	-23.48	0.134	3.39	10.78	6.69	4.79	0.15
080	66.9	0.0050	-22.97	0.142	3.99	12.60	7.93	5.65	0.16
090	71.4	0.0062	-22.10	0.157	4.34	13.61	8.67	6.11	0.17
100	72.0	0.0082	-20.87	0.181	4.69	14.65	9.38	6.57	0.20
110	72.1	0.0087	-20.58	0.187	4.77	15.12	9.54	6.68	0.21
120	72.1	0.0073	-21.36	0.171	4.55	14.26	9.12	6.40	0.19
130	71.6	0.0049	-23.10	0.140	4.10	12.90	8.16	5.80	0.16
140	72.2	0.0038	-24.22	0.123	3.85	12.18	7.64	5.47	0.14
150	72.2	0.0046	-23.41	0.135	4.03	12.73	8.03	5.72	0.15
160	72.2	0.0064	-21.94	0.160	4.40	13.81	8.81	6.20	0.18
170	72.2	0.0083	-20.82	0.182	4.71	14.72	9.42	6.60	0.20
180	72.2	0.0093	-20.31	0.193	4.85	15.44	9.71	6.79	0.21
190	72.2	0.0083	-20.82	0.182	4.71	14.72	9.42	6.60	0.20
200	72.2	0.0064	-21.94	0.160	4.40	13.81	8.81	6.20	0.18
210	72.2	0.0046	-23.41	0.135	4.03	12.73	8.03	5.72	0.15
220	72.2	0.0038	-24.22	0.123	3.85	12.18	7.64	5.47	0.14
230	72.2	0.0049	-23.10	0.140	4.11	12.95	8.19	5.82	0.16
240	72.2	0.0073	-21.36	0.171	4.55	14.27	9.12	6.40	0.19
250	72.2	0.0087	-20.58	0.187	4.77	15.13	9.55	6.68	0.21
260	71.7	0.0082	-20.87	0.181	4.68	14.63	9.37	6.56	0.20
270	52.0	0.0062	-22.10	0.157	3.73	11.81	7.36	5.27	0.17
280	20.9	0.0050	-22.97	0.142	2.69	8.52	5.32	3.74	0.16
290	-20.3	0.0045	-23.48	0.134	2.61	8.26	5.17	3.64	0.15
300	-63.9	0.0090	-20.45	0.190	3.07	9.91	6.16	4.32	0.21
310	-36.4	0.0271	-15.68	0.329	4.02	12.90	8.15	5.74	0.36
320	-62.0	0.0697	-11.57	0.528	5.14	16.69	10.41	7.28	0.59
330	-93.1	0.1289	-8.90	0.718	6.00	19.94	12.06	8.56	0.80
340	-129.5	0.1875	-7.27	0.866	6.60	22.04	13.19	9.44	0.96
350	-170.3	0.2266	-6.45	0.952	6.92	23.16	13.81	9.90	1.06

AMSL= 72.2 M