

**MODIFY BMPFTB-20050808AAZ**  
**CARIBBEAN BROADCASTING CORPORATION**  
**WCMN-FM3 BOOSTER STATION**  
**CH 297D - 107.3 MHZ - 9.0 KW**  
**PONCE, PUERTO RICO**  
**October 2006**

**EXHIBIT B**

Interference Analysis for WCMN-FM3 Ponce, Puerto Rico  
Using Present/Proposed Site as Reference

REFERENCE		CH# 297D - 107.3 MHz, Pwr= 10 kW, HAAT=29.1M, COR= 91 M								DISPLAY DATES	
17 58 52 N. 66 36 49 W.		Average Protected F(50-50)= 18.1 km Ave. F(50-10) 40 dBu= 80.3 54 dBu= 26.8 80 dBu= 5.6 100 dBu= 1.8								DATA	10-03-06
										SEARCH	10-04-06
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*	
297B Arecibo	WCMNFM	LIC CN PR	324.8 144.7	36.22 BLH-19890712KD	18 14 52 66 48 43	50.000 90	770 128.9	55.1 Caribbean Broadcasting Corp.	-110.80	-128.85*	
297D Ponce	WCMNF3	CP C PR	0.0 0.0	0.00 BMPFTB-20050808AA	17 58 52 66 36 49	10.000 -163	73 80.3	18.1 Caribbean Broadcasting Corp.	-98.42*	-98.42*	
1 300D Ponce	AP300	APP DH PR	268.0 87.9	6.04 BNPFT-20030317HLB	17 58 45 66 40 14	0.000 76	80 0.0	2.0 Renacer Broadcasters Corp.	-20.94*	1.37	
2 297D Bayamon	WCMNF1	CP DV PR	49.8 230.0	68.47 BMPFTB-20051118AD	18 22 42 66 07 03	0.118 28	154 19.5	5.9 Caribbean Broadcasting Corp.	30.04	-18.75	
2 297D Caguas	WCMNF4	CP DC PR	64.5 244.7	69.09 BNPFTB-20050718AB	18 14 52 66 01 24	0.680 -224	108 31.2	9.2 Caribbean Broadcasting Corp.	14.47	-26.08	
2 297D Mayaguez	WCMNF2	CP DC PR	301.3 121.2	71.26 BNPFTB-20041207AA	18 18 49 67 11 25	0.076 289	360 53.3	16.4 Caribbean Broadcasting Corp.	-0.14	-25.45	
1 295B Guayama	WMEG	LIC CY PR	76.0 256.2	61.24 BLH-19830628AK	18 06 48 66 03 07	25.000 336	950 7.1	75.0 WMEG Licensing, Inc.	26.11	-17.75*	
1 299D Juana Diaz	WVOZF1	LIC DV PR	56.3 236.4	20.00 BLFTB-20041223ABJ	18 04 51 66 27 22	0.002 417	497 0.1	7.3 International Broadcasting	1.78	10.83	
243D Juana Diaz	WCMAF1	CP DV PR	55.5 235.6	20.19 BNPFTB-20050223AB	18 05 02 66 27 22	0.002 471	553 7.4	7.4 WCMA Licensing Inc.	3.2R	17.0M	
1 299B Carolina	WVOZFM	LIC CN PR	67.0 247.2	93.99 BLH-19990205KA	18 18 36 65 47 41	12.000 618	1049 6.4	85.0 International Broadcasting	63.45	5.55	
300B Rincon	RADD	ADD PR	295.8 115.5	103.65	18 23 06 67 29 51	50.000 150	150 6.0	65.0 Ocean Communications	79.57	36.07	
298D Aquadilla	AP298	APP DH PR	314.7 134.6	68.81 BNPFT-20030317HKU	18 25 00 67 04 40	0.000 138	260 0.7	0.4 Renacer Broadcasters Corp.	50.00	41.64	
296D Isabela	AP296	APP C PR	322.6 142.5	72.75 BNPFT-20030317Eku	18 30 06 67 02 01	0.027 -80	95 5.7	4.0 Luis A. Pedreira, Jr.	48.89	41.91	

Terrain database is NGDC 30 SEC

ERP and HAAT on direct-line with reference station.

"\*"affixed to 'IN' or 'Out' values = site inside protected contour.

Note 1: Second and third adjacent stations, translators, LPFM and boosters are not considered as limitations.

Note 2: These facilities are other boosters for WCMN-FM and are not considered limitations.

**MODIFY BMPFTB-20050808AAZ**  
**CARIBBEAN BROADCASTING CORPORATION**  
**WCMN-FM3 BOOSTER STATION**  
**CH 297D - 107.3 MHZ - 9.0 KW**  
**PONCE, PUERTO RICO**  
**October 2006**

**EXHIBIT B1**

Predicted contour:

N. Lat. = 17 58 52 - Tabulated Protected and Interfering Contour Data  
W. Lng. = 66 36 49 - WCMN-FM 3 FM Booster Station - Ponce, Puerto Rico

HAAT and Distance to Contour - FCC Method - NGDC 30 Second terrain database

Azi.	HAAT	ERP kW	dBk	Field	54-F5	48-F1	54-F1
000	-144.8	9.0000	9.54	1.000	24.61	40.23	26.08
010	-127.9	9.0000	9.54	1.000	24.61	40.23	26.08
020	-74.0	9.0000	9.54	1.000	24.61	40.23	26.08
030	-49.2	9.0000	9.54	1.000	24.61	40.23	26.08
040	-27.7	9.0000	9.54	1.000	24.61	40.23	26.08
050	33.7	9.0000	9.54	1.000	25.80	42.69	27.51
060	41.3	9.0000	9.54	1.000	28.23	47.50	30.55
070	61.6	9.0000	9.54	1.000	34.23	56.14	38.45
080	83.6	9.0000	9.54	1.000	38.98	61.52	44.55
090	89.3	9.0000	9.54	1.000	40.07	62.74	45.92
100	90.4	9.0000	9.54	1.000	40.29	62.99	46.20
110	90.8	9.0000	9.54	1.000	40.35	63.05	46.27
120	90.9	9.0000	9.54	1.000	40.37	63.08	46.31
130	91.0	9.0000	9.54	1.000	40.40	63.11	46.33
140	91.1	9.0000	9.54	1.000	40.41	63.12	46.35
150	91.1	9.0000	9.54	1.000	40.41	63.12	46.35
160	91.1	9.0000	9.54	1.000	40.41	63.12	46.35
170	91.1	9.0000	9.54	1.000	40.41	63.12	46.35
180	91.1	9.0000	9.54	1.000	40.41	63.12	46.35
190	91.1	9.0000	9.54	1.000	40.41	63.12	46.35
200	91.1	9.0000	9.54	1.000	40.41	63.12	46.35
210	91.1	9.0000	9.54	1.000	40.41	63.12	46.35
220	91.1	9.0000	9.54	1.000	40.41	63.12	46.35
230	91.1	9.0000	9.54	1.000	40.41	63.12	46.35
240	91.1	9.0000	9.54	1.000	40.41	63.12	46.35
250	90.9	9.0000	9.54	1.000	40.38	63.09	46.31
260	88.5	9.0000	9.54	1.000	39.93	62.58	45.75
270	63.8	9.0000	9.54	1.000	34.74	56.75	39.12
280	19.5	9.0000	9.54	1.000	24.61	40.23	26.08
290	-10.9	9.0000	9.54	1.000	24.61	40.23	26.08
300	-33.8	9.0000	9.54	1.000	24.61	40.23	26.08
310	-32.0	9.0000	9.54	1.000	24.61	40.23	26.08
320	-61.7	9.0000	9.54	1.000	24.61	40.23	26.08
330	-137.2	9.0000	9.54	1.000	24.61	40.23	26.08
340	-163.0	9.0000	9.54	1.000	24.61	40.23	26.08
350	-185.8	9.0000	9.54	1.000	24.61	40.23	26.08

AMSL= 91.1 M