

MINOR CHANGE APPLICATION
POSITIVE ALTERNATIVE RADIO, INC.
W246BH FM TRANSLATOR STATION
CH 246D - 97.1 MHZ - 0.070 KW
MIDDLEPORT, OHIO
August 2011

EXHIBIT B1

Interference Review for W246BH Middleport, Ohio
Using Proposed/Licensed Site as Reference

REFERENCE	CH# 246D - 97.1 MHz, Pwr= 0.07 kW, HAAT= 99.4 M, COR= 327 M	DISPLAY DATES
39 03 30.0 N.	Average Protected F(50-50)= 9.4 km	DATA 08-09-11
82 02 31.0 W.	Omni-directional	SEARCH 08-09-11

CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
246D Middleport	W246BH	LIC	C OH	0.0 0.0	0.0 BLFT20070816AAK	39 03 30.0 82 02 31.0	0.013 99	17.7 327	5.4 Positive Alternative Radio	-25.9*	-32.8*
246A Coal Grove	WBVB	LIC	NCN OH	211.4 31.1	82.4 BLH19901119KD	38 25 27.0 82 32 04.0	3.000 144	82.3 362	27.9 Capstar Tx Llc	-10.4<	19.0
246B Columbus	WBNS-FM	LIC	CN OH	320.5 139.9	132.1 BLH19850125LM	39 58 16.0 83 01 40.0	20.500 238	132.1 484	67.7 Radiohio, Incorporated	-7.9<	25.9
246B Sutton	WDBS	LIC	CX WV	115.6 296.6	153.6 BMLH20020830ABL	38 27 05.0 80 27 14.0	22.000 229	144.0 983	75.4 Summit Media Broadcasting	0.1<	32.5
246D Athens	W247AP	CP	C OH	352.5 172.5	33.2 BMPFT20110606AAQ	39 21 18.0 82 05 32.0	0.013	16.7 337	5.2 Fine Arts Radio, Inc.	8.4	0.9
244B1 Wellston	WKOV-FM	LIC	CN OH	266.3 86.0	48.2 BMLH19940201KA	39 01 45.0 82 35 51.0	16.000 129	4.1 364	45.6 Jackson County Broadcasting	34.4	1.8
245A Williamstown	WVVV	LIC	C WV	56.1 236.5	56.2 BLH20001010AIE	39 20 18.0 81 30 01.0	3.500 129	44.8 361	29.5 Seven Ranges Radio Co., In	2.6	14.3
248B Charleston	WQBE-FM	LIC	CN WV	159.1 339.3	77.5 BLH7326	38 24 22.0 81 43 26.0	50.000 152	6.2 402	66.5 Bristol Broadcasting Company	61.5	9.9
247D Athens	W247AP	LIC	C OH	350.8 170.7	31.7 BLFT20050324AHI	39 20 25.0 82 06 04.0	0.025 44	5.6 290	3.9 Fine Arts Radio, Inc.	17.9	16.1
249A Jackson	WCJO	LIC	NCX OH	266.3 86.0	48.2 BLH20050831AAY	39 01 45.0 82 35 51.0	3.000 91	2.2 326	23.4 Jackson County Broadcasting	36.2	24.2

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference Zone= East Zone, Co to 3rd
adjacent.

Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)

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

< = Contour Overlap

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Predicted Contour:

N. Lat. = 39 03 30 - Tabulated Protected and Interfering Contour Data
W. Lng. = 82 02 31 - W246BH FM Translator - Middleport, Ohio

HAAT and Distance to Contour - NGDC 30 Second terrain database									
Azi.	AV EL	HAAT	ERP kw	dbk	Field	60-F5	40-F1	54-F1	100-F1
000	250.3	76.7	0.0700	-11.55	1.000	8.22	27.36	11.65	0.59
010	232.6	94.4	0.0700	-11.55	1.000	9.18	30.63	12.84	0.59
020	237.5	89.5	0.0700	-11.55	1.000	8.93	29.72	12.51	0.59
030	239.0	88.0	0.0700	-11.55	1.000	8.86	29.45	12.41	0.59
040	242.0	85.0	0.0700	-11.55	1.000	8.70	28.89	12.21	0.59
050	239.5	87.5	0.0700	-11.55	1.000	8.83	29.36	12.38	0.59
060	238.8	88.2	0.0700	-11.55	1.000	8.87	29.50	12.43	0.59
070	236.8	90.2	0.0700	-11.55	1.000	8.97	29.86	12.56	0.59
080	230.6	96.4	0.0700	-11.55	1.000	9.28	31.01	12.97	0.59
090	239.2	87.8	0.0700	-11.55	1.000	8.85	29.42	12.40	0.59
100	240.8	86.2	0.0700	-11.55	1.000	8.76	29.13	12.30	0.59
110	232.8	94.2	0.0700	-11.55	1.000	9.17	30.59	12.83	0.59
120	225.1	101.9	0.0700	-11.55	1.000	9.54	32.00	13.33	0.59
130	200.0	127.0	0.0700	-11.55	1.000	10.58	35.84	15.01	0.59
140	193.0	134.0	0.0700	-11.55	1.000	10.87	36.74	15.57	0.59
150	209.5	117.5	0.0700	-11.55	1.000	10.21	34.58	14.32	0.59
160	219.3	107.7	0.0700	-11.55	1.000	9.80	33.04	13.71	0.59
170	210.8	116.2	0.0700	-11.55	1.000	10.16	34.38	14.24	0.59
180	211.2	115.8	0.0700	-11.55	1.000	10.14	34.32	14.22	0.59
190	208.5	118.5	0.0700	-11.55	1.000	10.25	34.71	14.38	0.59
200	187.9	139.1	0.0700	-11.55	1.000	11.08	37.36	15.97	0.59
210	199.9	127.1	0.0700	-11.55	1.000	10.59	35.85	15.02	0.59
220	208.6	118.4	0.0700	-11.55	1.000	10.25	34.69	14.37	0.59
230	213.5	113.5	0.0700	-11.55	1.000	10.05	33.98	14.08	0.59
240	223.2	103.8	0.0700	-11.55	1.000	9.63	32.35	13.45	0.59
250	217.0	110.0	0.0700	-11.55	1.000	9.90	33.42	13.86	0.59
260	218.0	109.0	0.0700	-11.55	1.000	9.86	33.25	13.79	0.59
270	224.4	102.6	0.0700	-11.55	1.000	9.57	32.13	13.38	0.59
280	233.0	94.0	0.0700	-11.55	1.000	9.16	30.56	12.81	0.59
290	229.1	97.9	0.0700	-11.55	1.000	9.35	31.28	13.07	0.59
300	234.4	92.6	0.0700	-11.55	1.000	9.09	30.30	12.72	0.59
310	235.9	91.1	0.0700	-11.55	1.000	9.01	30.02	12.62	0.59
320	253.6	73.4	0.0700	-11.55	1.000	8.03	26.76	11.42	0.59
330	258.4	68.6	0.0700	-11.55	1.000	7.75	25.89	11.08	0.59
340	248.2	78.8	0.0700	-11.55	1.000	8.35	27.75	11.79	0.59
350	249.6	77.4	0.0700	-11.55	1.000	8.27	27.50	11.70	0.59

AMSL= 327 M