

MINOR CHANGE APPLICATION
RADIO POWER, INC.
W276BH FM TRANSLATOR STATION
CH 276D - 103.1 MHZ - 0.250 KW
HOLLY SPRINGS, MISSISSIPPI
July 2010

EXHIBIT B

As indicated, the proposed operation of W276BH, with an effective radiated power of 0.25 kilowatt at 9.45 meters above ground level, will not cause interference to any existing, applied for, or proposed facility, as noted on Exhibit B1. However, the proposed W276BH site is inside the 60 dBu contour of second adjacent station WRBO, Channel 278C1, Como, Mississippi. Due to the relationship between W276BH and WRBO, a 40 dB ratio of the protected and interfering contours applies. As the signal level of WRBO is above 60 dBu at the proposed tower site for W276BH, we have applied the 40 dB ratio to the contour of WRBO, based on the relevant protected contour at the proposed translator site. A map showing the relative contour of WRBO at the proposed W276BH site is attached as Exhibit B2.

The signal of WRBO at the proposed W276BH site is 72.4 dBu (50/50). As such, the interfering contour of the translator would need to be above 112.4 dBu (50/10) to cause interference to WRBO. The 112.4 dBu contour of the proposed W276BH translator extends 0.27 kilometer (872 feet) from the translator antenna. The proposed W276BH site is located in a unpopulated area. As such, WRBO will not receive interference from the proposed translator.

Based on the foregoing, it is believed that the proposed W276BH facility is in compliance with §74.1204(d) of the Commission's rules. If a waiver of the rule is needed, one is respectfully requested.

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EXHIBIT B1

Interference Review for W276BH, Holly Springs, Missouri
Using Proposed Site as Reference

REFERENCE CH# 276D - 103.1 MHz, Pwr= 0.25 kW, HAAT= 82.5 M, COR= 207.3 M DISPLAY DATES
 34 38 13.0 N. Average Protected F(50-50)= 11.7 km DATA 07-12-10
 89 34 10.0 W. Omni-directional SEARCH 07-12-10

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*
276D Oxford	W276BH	LIC V MS	150.1 330.2	30.2 BLFT20100712ACN	34 24 05.0 89 24 20.0	0.250	57.9 320	18.5 Radio Power, Inc.	-41.5*<	-35.0<
278C1 Como	WRBO	LIC CN MS	311.7 131.5	37.7 BLH19980617KC	34 51 44.0 89 52 42.0	100.000 179	8.0 275	62.9 Radio License Holding Cbc,	18.7	-26.3*<
276C2 Jackson	WMXX-FM	LIC C TN	34.9 215.4	123.3 BLH20040315AAU	35 32 39.0 88 47 18.0	42.000 164	135.7 296	52.3 Gerald W. Hunt	-22.4*<	37.5
276C3 Helena	KFFA-FM	LIC NCN AR	263.2 82.6	98.0 BLH19940902KG	34 31 39.0 90 37 46.0	13.000 97	99.9 152	34.0 Delta Broadcasting, Inc.	-12.4*<	28.2
274C1 Arlington	WEGR	LIC CX TN	345.1 165.0	73.4 BLH20061114ACK	35 16 33.0 89 46 38.0	100.000 287	9.7 379	70.5 Cc Licenses, Llc	52.7	1.7
275C3 Saltillo	WWMR	LIC CX MS	104.7 285.3	97.8 BLH20080814AAX	34 24 33.0 88 32 24.0	12.500 142	57.4 253	38.2 Flinn Iii, George S	28.2	41.7
276C2 Columbus	WNMQ	LIC CN MS	146.4 327.0	171.7 BLH19900507KA	33 20 40.0 88 32 47.0	22.000 230	129.1 299	52.2 Cumulus Licensing Llc	28.9	72.8
276D Grenada	W276BI	LIC C MS	193.9 13.8	98.6 BLFT20070517AIV	33 46 27.0 89 49 34.0	0.027	22.8 153	6.8 Horizon Christian Fellowsh	62.3	45.8

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 = 2, 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

W276BH Holly Springs, MS - Proposed
Latitude: 34-38-13 N / Longitude: 089-34-10 W
ERP: 0.25 kW / Channel: 276 / 103.1 MHz
AMSL Height: 207.3 m
Horiz. Pattern: Omni

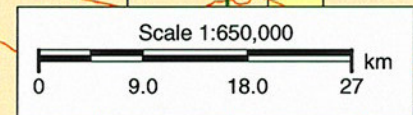
WRBO Como, MS - BLH-19980617KC
Latitude: 34-51-44 N / Longitude: 089-52-42 W
ERP: 100.00 kW / Channel: 278 / 103.5 MHz
AMSL Height: 275.0 m / Horiz. Pattern: Omni
Prop Model: FCC

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

WRBO 72.4 dBu (50/50)

W276BH Transmitter Site

EXHIBIT B2
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EXHIBIT B3

Predicted contours:

North Latitude: 34° 38' 13" - Tabulated Protected and Interfering Contour Data
 West Longitude: 89° 34' 10" - W276BH FM Translator Station, Holly Springs, MS

HAAT and Distance to Contour - NGDC 30 second terrain database

Azi.	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1	112.4-F1
000	69.8	0.2500	-6.02	1.000	10.88	36.95	15.45	1.11	0.27
010	64.2	0.2500	-6.02	1.000	10.48	35.40	14.58	1.11	0.27
020	64.4	0.2500	-6.02	1.000	10.50	35.45	14.60	1.11	0.27
030	62.3	0.2500	-6.02	1.000	10.34	34.83	14.38	1.11	0.27
040	55.4	0.2500	-6.02	1.000	9.79	32.66	13.63	1.11	0.27
050	45.1	0.2500	-6.02	1.000	8.75	29.03	12.30	1.11	0.27
060	62.2	0.2500	-6.02	1.000	10.34	34.82	14.38	1.11	0.27
070	73.2	0.2500	-6.02	1.000	11.12	37.88	15.91	1.11	0.27
080	77.3	0.2500	-6.02	1.000	11.39	38.96	16.44	1.11	0.27
090	83.4	0.2500	-6.02	1.000	11.80	40.49	17.21	1.11	0.27
100	88.7	0.2500	-6.02	1.000	12.14	41.76	17.86	1.11	0.27
110	93.9	0.2500	-6.02	1.000	12.47	42.93	18.48	1.11	0.27
120	101.9	0.2500	-6.02	1.000	12.98	44.62	19.41	1.11	0.27
130	110.3	0.2500	-6.02	1.000	13.50	46.17	20.31	1.11	0.27
140	114.1	0.2500	-6.02	1.000	13.73	46.80	20.68	1.11	0.27
150	113.5	0.2500	-6.02	1.000	13.69	46.70	20.62	1.11	0.27
160	103.4	0.2500	-6.02	1.000	13.08	44.91	19.58	1.11	0.27
170	105.5	0.2500	-6.02	1.000	13.21	45.30	19.80	1.11	0.27
180	102.7	0.2500	-6.02	1.000	13.03	44.78	19.50	1.11	0.27
190	106.6	0.2500	-6.02	1.000	13.27	45.50	19.92	1.11	0.27
200	109.1	0.2500	-6.02	1.000	13.43	45.96	20.18	1.11	0.27
210	101.0	0.2500	-6.02	1.000	12.92	44.42	19.30	1.11	0.27
220	89.3	0.2500	-6.02	1.000	12.18	41.90	17.94	1.11	0.27
230	81.0	0.2500	-6.02	1.000	11.64	39.90	16.91	1.11	0.27
240	76.0	0.2500	-6.02	1.000	11.30	38.61	16.26	1.11	0.27
250	66.8	0.2500	-6.02	1.000	10.67	36.13	15.06	1.11	0.27
260	66.5	0.2500	-6.02	1.000	10.64	36.03	15.02	1.11	0.27
270	64.7	0.2500	-6.02	1.000	10.52	35.54	14.64	1.11	0.27
280	75.5	0.2500	-6.02	1.000	11.27	38.48	16.20	1.11	0.27
290	79.4	0.2500	-6.02	1.000	11.53	39.48	16.70	1.11	0.27
300	74.5	0.2500	-6.02	1.000	11.20	38.21	16.07	1.11	0.27
310	72.4	0.2500	-6.02	1.000	11.06	37.67	15.80	1.11	0.27
320	76.7	0.2500	-6.02	1.000	11.35	38.80	16.36	1.11	0.27
330	78.5	0.2500	-6.02	1.000	11.47	39.26	16.59	1.11	0.27
340	74.7	0.2500	-6.02	1.000	11.22	38.28	16.10	1.11	0.27
350	66.9	0.2500	-6.02	1.000	10.68	36.16	15.08	1.11	0.27

AMSL= 207.3 M