

**MINOR CHANGE APPLICATION**  
**RADIO POWER, INC.**  
**W276BH FM TRANSLATOR STATION**  
**CH 276D - 103.1 MHZ - 0.250 KW**  
**OXFORD, MISSISSIPPI**  
**March 2010**

**EXHIBIT B1**

**Interference Review for W276BH, Oxford, Mississippi**  
**Using Proposed Site as Reference**

REFERENCE CH# 276D - 103.1 MHZ, Pwr= 0.25 kW, HAAT= 58.8 M, COR= 181.4 M DISPLAY DATES  
 34 24 57.0 N. Average Protected F(50-50)= 10.1 km DATA 03-08-10  
 89 27 00.0 W. Omni-directional SEARCH 03-08-10

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 C MS	242.0 61.9	13.5 BLFT20070517AIS	34 21 31.0 89 34 48.0	0.009	11.7 187	3.7 Horizon Christian Fellowsh	-7.3	-20.4
276C2 Jackson	WMXX-FM	LIC C TN	25.5 205.9	139.0 BLH20040315AAU	35 32 39.0 88 47 18.0	42.000 164	134.8 296	51.5 Gerald W. Hunt	-6.9<	49.7
276C3 Helena	KFFA-FM	LIC NCN AR	276.9 96.2	109.1 BLH19940902KG	34 31 39.0 90 37 46.0	13.000 97	100.0 152	34.2 Delta Broadcasting, Inc.	-1.6<	38.9
278C1 Como	WRBO	LIC CN MS	321.8 141.6	63.2 BLH19980617KC	34 51 44.0 89 52 42.0	100.000 179	7.8 275	61.9 Citadel Broadcasting Compa	44.5	0.1
276C2 Columbus	WNMQ	LIC CN MS	144.7 325.3	145.3 BLH19900507KA	33 20 40.0 88 32 47.0	22.000 230	129.1 299	52.2 Cumulus Licensing Llc	8.0	65.6
275C3 Saltillo	WWMR	LIC CX MS	90.3 270.8	83.7 BLH20080814AAX	34 24 33.0 88 32 24.0	12.500 142	57.5 253	38.3 Flinn Iii, George S	17.2	32.9
274C1 Arlington	WEGR	LIC CX TN	342.8 162.6	100.0 BLH20061114ACK	35 16 33.0 89 46 38.0	100.000 287	9.7 379	70.5 Cc Licenses, Llc	78.9	28.4
276D Grenada	W276BI	LIC C MS	206.0 25.8	79.2 BLFT20070517AIV	33 46 27.0 89 49 34.0	0.027	22.9 153	6.9 Horizon Christian Fellowsh	46.7	40.2

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 = 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)  
 "<" = Contour Overlap



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**EXHIBIT B2**

North Latitude: 34° 24' 57" - Tabulated Protected and Interfering Contour Data  
 West Longitude: 89° 27' 00" - W276BH FM Translator Station, Oxford, Mississippi

HAAT and Distance to Contour - NGDC 30 second terrain database								
Azi.	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	77.0	0.2500	-6.02	1.000	11.37	38.87	16.40	1.11
010	75.6	0.2500	-6.02	1.000	11.28	38.51	16.21	1.11
020	81.8	0.2500	-6.02	1.000	11.69	40.10	17.01	1.11
030	71.4	0.2500	-6.02	1.000	10.99	37.39	15.67	1.11
040	66.5	0.2500	-6.02	1.000	10.65	36.04	15.02	1.11
050	53.7	0.2500	-6.02	1.000	9.63	32.05	13.42	1.11
060	47.3	0.2500	-6.02	1.000	8.99	29.80	12.60	1.11
070	54.9	0.2500	-6.02	1.000	9.75	32.49	13.57	1.11
080	54.7	0.2500	-6.02	1.000	9.73	32.41	13.54	1.11
090	46.8	0.2500	-6.02	1.000	8.93	29.61	12.53	1.11
100	43.9	0.2500	-6.02	1.000	8.61	28.60	12.13	1.11
110	38.3	0.2500	-6.02	1.000	7.96	26.64	11.33	1.11
120	29.3	0.2500	-6.02	1.000	7.09	23.76	10.15	1.11
130	35.1	0.2500	-6.02	1.000	7.61	25.53	10.88	1.11
140	38.4	0.2500	-6.02	1.000	7.97	26.67	11.35	1.11
150	44.8	0.2500	-6.02	1.000	8.71	28.92	12.26	1.11
160	52.4	0.2500	-6.02	1.000	9.51	31.61	13.27	1.11
170	52.5	0.2500	-6.02	1.000	9.52	31.64	13.28	1.11
180	63.7	0.2500	-6.02	1.000	10.45	35.26	14.53	1.11
190	62.8	0.2500	-6.02	1.000	10.38	34.98	14.43	1.11
200	57.7	0.2500	-6.02	1.000	9.99	33.46	13.90	1.11
210	50.9	0.2500	-6.02	1.000	9.36	31.06	13.07	1.11
220	45.3	0.2500	-6.02	1.000	8.77	29.10	12.33	1.11
230	36.2	0.2500	-6.02	1.000	7.74	25.93	11.04	1.11
240	46.0	0.2500	-6.02	1.000	8.84	29.32	12.41	1.11
250	57.6	0.2500	-6.02	1.000	9.98	33.40	13.88	1.11
260	58.8	0.2500	-6.02	1.000	10.08	33.80	14.02	1.11
270	68.8	0.2500	-6.02	1.000	10.81	36.69	15.33	1.11
280	65.7	0.2500	-6.02	1.000	10.59	35.82	14.74	1.11
290	68.1	0.2500	-6.02	1.000	10.76	36.48	15.23	1.11
300	85.1	0.2500	-6.02	1.000	11.91	40.91	17.42	1.11
310	66.2	0.2500	-6.02	1.000	10.63	35.96	14.79	1.11
320	68.0	0.2500	-6.02	1.000	10.75	36.46	15.22	1.11
330	74.9	0.2500	-6.02	1.000	11.23	38.33	16.13	1.11
340	78.8	0.2500	-6.02	1.000	11.49	39.35	16.63	1.11
350	73.4	0.2500	-6.02	1.000	11.13	37.93	15.93	1.11

AMSL= 181.4 M