

MINOR CHANGE APPLICATION
SOUTHERN COMMUNICATIONS CORPORATION
W266AZ FM TRANSLATOR
CH 266D - 101.1 MHZ - 0.250 KW
BECKLEY, WEST VIRGINIA
June 2009

EXHIBIT B1

Interference Review for W266AZ Beckley, West Virginia
Using Proposed Site as Reference

REFERENCE		CH# 266D - 101.1 MHz, Pwr= 0.25 kW, HAAT= 126.7 M, COR= 865.6 M								DISPLAY DATES	
37 43 26.0 N.		Average Protected F(50-50)= 14.4 km								DATA 04-30-09	
81 11 08.0 W.		Omni-directional								SEARCH 04-30-09	
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*	
266D Beckley	W266AZ	LIC C WV	307.6 127.6	5.7 BLFT-20070830AAV	37 45 18.0 81 14 12.0	0.010	10.2 765	3.2 Southern Communications Corp.	-23.0*	-55.4	
266C Hazard	WSGS	LIC EN KY	252.1 70.9	186.1 BLH-19871217KD	37 11 38.0 83 10 52.0	100.000 446	190.2 861	86.3 Mountain Broadcasting Service	-21.6*<	44.5	
266C0 Hazard	WSGS	CP CX KY	252.1 70.9	186.4 BPH-20081022ABT	37 11 36.0 83 11 04.0	100.000 362	182.5 764	79.5 Mountain Broadcasting Service	-13.6*<	51.6	
268D Beckley	W268AZ	LIC C WV	355.1 175.1	11.5 BLFT-20060331ACE	37 49 38.0 81 11 48.0	0.010	0.2 804	4.9 Christi Lilly	-4.0*<	5.5	
265A Princeton	WKOY-FM	LIC NC WV	180.3 0.3	52.4 BLH-20000418ABE	37 15 05.0 81 11 20.0	0.340 409	44.4 1206	28.7 Monterey Licenses, LLC	-2.7*<	8.6	
264D Mount Hope	W264BM	LIC C WV	357.6 177.6	18.1 BLFT-20070627ACC	37 53 14.0 81 11 39.0	0.010	0.2 747	3.2 Southern Communications Corp.	2.4	13.9	
264A Fayetteville	WVBD	LIC ZCX WV	39.8 219.9	29.6 BLH-20090429AAO	37 55 40.4 80 58 11.5	0.480 343	1.0 1068	24.3 Finch Jr, Daniel W	13.5	4.2	
267A Narrows	WZFM	LIC CX VA	144.9 325.1	57.7 BMLH-20060814AAI	37 17 54.0 80 48 36.0	0.210 366	39.5 1084	25.5 WZFM, LLC	11.1	22.0	
266D Rural Retreat	W266BM	LIC DC VA	199.2 19.0	96.7 BLFT-20081104AFB	36 54 04.0 81 32 35.0	0.250	45.7 1163	13.5 Holston Valley Broadcasting	34.1	29.4	
265A South Charleston	WMXE	LIC CN WV	328.1 147.8	85.5 BLH-19850807KZ	38 22 34.0 81 42 13.0	3.000 91	28.0 350	19.2 L.M. Communications of Kentucky	40.5	41.0	
265A Covington	WIQO-FM	LIC CN VA	85.6 266.4	110.7 BLH-19950411KB	37 47 36.0 79 55 57.0	0.560 323	47.9 876	31.3 WVJT, LLC	51.6	63.4	
213B Summersville	WMLJ	LIC CX WV	49.9 230.3	67.3 BLED-20040830ACA	38 06 42.0 80 35 52.0	11.000 315	10.3 1269	7.2 Grace Missionary Baptist Church	15.0R	52.3M	
267B Buckhannon	WBRB	LIC CN WV	32.6 213.2	161.5 BLH-19900125KA	38 56 40.0 80 10 46.0	50.000 150	78.0 694	64.9 West Virginia Radio Corporation	63.4	54.5	
269D Big Chimney	652209	APP C WV	333.9 153.7	83.8 BNPFT-20030317MVA	38 24 03.0 81 36 31.0	0.100	0.7 340	7.7 Kristi D. Syner	65.8	75.0	
269A Radford	WWBU	LIC CN VA	140.1 320.5	84.0 BMLH-19931109KB	37 08 33.0 80 34 39.0	5.800 20	1.6 630	15.6 Cumulus Licensing LLC	75.4	67.3	

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EXHIBIT B1 (continued)

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 37 43 26.0 N. Average Protected F(50-50)= 14.4 km DATA 04-30-09
 81 11 08.0 W. Omni-directional SEARCH 04-30-09

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*
264A Grundy	WMJD	LIC CX VA	240.6 60.0	94.8 BLH-20050722ABK	37 18 08.0 82 07 04.0	2.300 163	2.1 671	23.1 Peggy Sue Broadcasting Corp.	73.7	70.5
266C Burlington	WZTK	LIC DCN NC	141.4 322.5	251.6 BMLH-19950720KA	35 56 31.0 79 26 33.0	100.000 363	172.8 554	73.8 Carolina Radio Group, Inc.	71.7	154.0
263B Huntington	WKEE-FM	LIC CN WV	303.8 123.0	135.2 BLH-5460	38 23 35.0 82 28 24.0	53.000 171	5.3 367	60.3 Capstar TX Limited Partnership	111.7	73.0
264A Christiansburg	WFNR-FM	LIC CX VA	131.9 312.4	104.8 BMLH-20031215ABK	37 05 31.0 80 18 21.0	0.820 270	1.8 935	30.7 Cumulus Licensing LLC	95.9	73.0

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 = 1, 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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EXHIBIT B2

Predicted contour:

N. Lat. = 37 43 26 - Predicted and Interfering Contour Data
W. Lng. = 81 11 08 - W266AZ FM Translator - Beckley, West Virginia

HAAT and Distance to Contour - NGDC 30 Second terrain database

Azi.	HAAT	ERP kW	dBk	Field	60-F5	34-F1	40-F1	54-F1	48-F1	94-F1	100-F1
000	151.1	0.2500	-6.02	1.000	15.97	68.79	51.95	23.95	33.75	1.78	1.11
010	156.3	0.2500	-6.02	1.000	16.30	69.59	52.65	24.40	34.34	1.80	1.11
020	218.5	0.2500	-6.02	1.000	19.35	77.66	60.05	28.74	40.44	1.95	1.11
030	245.5	0.2500	-6.02	1.000	20.49	80.57	62.79	30.38	42.89	1.98	1.11
040	135.3	0.2500	-6.02	1.000	14.96	66.23	49.81	22.57	31.86	1.73	1.11
050	115.7	0.2500	-6.02	1.000	13.82	62.96	47.05	20.84	29.50	1.68	1.11
060	96.3	0.2500	-6.02	1.000	12.63	59.47	43.46	18.77	26.80	1.59	1.11
070	121.8	0.2500	-6.02	1.000	14.17	63.98	47.95	21.39	30.24	1.70	1.11
080	74.0	0.2500	-6.02	1.000	11.17	54.65	38.08	16.01	23.35	1.61	1.11
090	60.6	0.2500	-6.02	1.000	10.22	50.94	34.35	14.21	21.23	1.61	1.11
100	34.6	0.2500	-6.02	1.000	7.56	38.36	25.36	10.81	15.20	1.61	1.11
110	43.5	0.2500	-6.02	1.000	8.56	43.40	28.44	12.07	17.61	1.61	1.11
120	27.3	0.2500	-6.02	1.000	7.09	35.59	23.76	10.15	14.15	1.61	1.11
130	28.9	0.2500	-6.02	1.000	7.09	35.59	23.76	10.15	14.15	1.61	1.11
140	11.5	0.2500	-6.02	1.000	7.09	35.59	23.76	10.15	14.15	1.61	1.11
150	-17.4	0.2500	-6.02	1.000	7.09	35.59	23.76	10.15	14.15	1.61	1.11
160	-12.0	0.2500	-6.02	1.000	7.09	35.59	23.76	10.15	14.15	1.61	1.11
170	15.2	0.2500	-6.02	1.000	7.09	35.59	23.76	10.15	14.15	1.61	1.11
180	64.3	0.2500	-6.02	1.000	10.49	52.06	35.42	14.59	21.82	1.61	1.11
190	103.3	0.2500	-6.02	1.000	13.07	60.78	44.88	19.56	27.83	1.63	1.11
200	168.2	0.2500	-6.02	1.000	17.01	71.33	54.21	25.37	35.59	1.84	1.11
210	154.5	0.2500	-6.02	1.000	16.19	69.31	52.40	24.25	34.14	1.79	1.11
220	152.7	0.2500	-6.02	1.000	16.07	69.04	52.17	24.09	33.94	1.79	1.11
230	201.7	0.2500	-6.02	1.000	18.61	75.66	58.20	27.66	38.78	1.91	1.11
240	207.7	0.2500	-6.02	1.000	18.87	76.38	58.87	28.04	39.37	1.92	1.11
250	174.0	0.2500	-6.02	1.000	17.33	72.14	54.95	25.82	36.17	1.85	1.11
260	162.1	0.2500	-6.02	1.000	16.66	70.46	53.42	24.89	34.97	1.82	1.11
270	153.6	0.2500	-6.02	1.000	16.13	69.17	52.28	24.17	34.04	1.79	1.11
280	188.6	0.2500	-6.02	1.000	18.02	74.03	56.69	26.81	37.52	1.88	1.11
290	191.2	0.2500	-6.02	1.000	18.14	74.35	56.99	26.97	37.76	1.89	1.11
300	200.7	0.2500	-6.02	1.000	18.56	75.53	58.08	27.59	38.68	1.91	1.11
310	193.5	0.2500	-6.02	1.000	18.24	74.64	57.26	27.12	37.98	1.89	1.11
320	166.1	0.2500	-6.02	1.000	16.90	71.04	53.94	25.21	35.38	1.83	1.11
330	176.9	0.2500	-6.02	1.000	17.47	72.52	55.29	26.02	36.44	1.86	1.11
340	162.9	0.2500	-6.02	1.000	16.71	70.57	53.52	24.95	35.05	1.82	1.11
350	143.8	0.2500	-6.02	1.000	15.49	67.62	50.96	23.32	32.90	1.76	1.11

AMSL= 865.6 M