

MINOR CHANGE APPLICATION
POSITIVE ALTERNATIVE RADIO, INC.
W226AT FM TRANSLATOR STATION
CH 226D - 93.1 MHZ - 0.045 KW
CHRISTIANSBURG, VIRGINIA
September 2011

EXHIBIT B1

Interference Review for W226AT Christiansburg, Virginia
Using Proposed/Licensed Site as Reference

REFERENCE	CH# 226D - 93.1 MHZ, Pwr= 0.045 kW, HAAT= 168.7 M, COR= 783.6 M	DISPLAY DATES
37 11 13.4 N.	Average Protected F(50-50)= 11.0 km	DATA 09-01-11
80 27 21.1 W.	Omni-directional	SEARCH 09-01-11

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*
226D Christiansburg	W226AT	LIC	C VA	0.0 0.0	0.0 BLFT20110127AAI	37 11 13.4 80 27 21.1	0.010 157	19.0 772	5.8 Positive Alternative Radio	-27.9*	-35.4*
226C Winston-salem	WPAW	LIC	C NC	155.5 335.8	111.1 BMLH20030303ABL	36 16 33.0 79 56 26.0	100.000 335	178.1 568	76.1 Entercom Greensboro License	-77.2*	0.7
226L1 Princeton	WGAG-LP	LIC	 WV	293.2 112.8	61.0 BLL20040720AAM	37 24 04.0 81 05 20.0	0.100	42.5 871	12.8 The Denver Foundation, Inc	6.7	9.3
224D Roanoke	W224BS	LIC	V VA	62.4 242.6	29.3 BLFT20061211ADB	37 18 30.0 80 09 46.0	0.010 476	0.2 1025	12.7 Calvary Chapel Of Twin Falls	17.8	16.1
228A Salem	WSNV	LIC	CN VA	75.8 256.1	42.5 BMLH19910801KB	37 16 47.0 79 59 29.0	5.800 30	2.2 434	21.5 Capstar Tx Llc	28.0	20.5
227A White Sulphur Sprin	VA8771	VAC	N WV	17.6 197.8	74.9	37 49 48.0 80 11 51.0	6.000 100	29.0 782	19.7	36.6	42.2
226C2 Pikeville	WDHR	LIC	C KY	280.1 98.9	188.3 BLH20040917ABI	37 27 57.0 82 33 04.0	22.000 231	128.6 596	51.9 East Kentucky Broadcasting	46.6	92.7
224D Wytheville	W224AE	LIC	DCN VA	240.6 60.2	62.8 BLFT19831011MA	36 54 30.0 81 04 15.0	0.023 385	0.0 1125	1.9 Bible Broadcasting Network	50.4	60.5
225B Summersville	WCWV	LIC	CN WV	352.7 172.6	131.3 BLH19830328AL	38 21 37.0 80 38 49.0	11.000 274	71.1 974	60.9 R-s Broadcasting Company	51.5	52.4

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.

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EXHIBIT B2

Predicted Contour:

N. Lat. = 37 11 13.4 - Tabulated Protected and Interfering Contour Data
W. Lng. = 80 27 21.1 - W226AT FM Translator - Christiansburg, Virginia

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	676.3	107.3	0.0450	-13.47	1.000	8.77	29.31	12.27	0.47
010	662.7	120.9	0.0450	-13.47	1.000	9.29	31.15	12.98	0.47
020	669.9	113.7	0.0450	-13.47	1.000	9.02	30.21	12.61	0.47
030	665.4	118.2	0.0450	-13.47	1.000	9.19	30.81	12.85	0.47
040	629.3	154.3	0.0450	-13.47	1.000	10.53	35.22	14.77	0.47
050	579.4	204.2	0.0450	-13.47	1.000	12.10	40.21	17.89	0.47
060	616.3	167.3	0.0450	-13.47	1.000	11.00	36.60	15.77	0.47
070	571.4	212.2	0.0450	-13.47	1.000	12.33	41.02	18.30	0.47
080	560.7	222.9	0.0450	-13.47	1.000	12.62	42.10	18.83	0.47
090	531.4	252.2	0.0450	-13.47	1.000	13.38	44.72	20.08	0.47
100	556.1	227.5	0.0450	-13.47	1.000	12.74	42.56	19.05	0.47
110	580.1	203.5	0.0450	-13.47	1.000	12.08	40.14	17.85	0.47
120	598.2	185.4	0.0450	-13.47	1.000	11.57	38.35	16.87	0.47
130	626.6	157.0	0.0450	-13.47	1.000	10.63	35.51	15.06	0.47
140	651.3	132.3	0.0450	-13.47	1.000	9.70	32.58	13.57	0.47
150	658.6	125.0	0.0450	-13.47	1.000	9.43	31.65	13.19	0.47
160	634.2	149.4	0.0450	-13.47	1.000	10.34	34.66	14.50	0.47
170	632.0	151.6	0.0450	-13.47	1.000	10.43	34.91	14.62	0.47
180	629.6	154.0	0.0450	-13.47	1.000	10.51	35.18	14.75	0.47
190	623.9	159.7	0.0450	-13.47	1.000	10.73	35.81	15.25	0.47
200	614.3	169.3	0.0450	-13.47	1.000	11.07	36.81	15.91	0.47
210	607.8	175.8	0.0450	-13.47	1.000	11.28	37.44	16.32	0.47
220	590.8	192.8	0.0450	-13.47	1.000	11.78	39.06	17.27	0.47
230	577.5	206.1	0.0450	-13.47	1.000	12.16	40.40	17.98	0.47
240	567.7	215.9	0.0450	-13.47	1.000	12.43	41.40	18.49	0.47
250	581.1	202.5	0.0450	-13.47	1.000	12.06	40.03	17.80	0.47
260	579.9	203.7	0.0450	-13.47	1.000	12.09	40.16	17.86	0.47
270	544.7	238.9	0.0450	-13.47	1.000	13.04	43.61	19.55	0.47
280	545.0	238.6	0.0450	-13.47	1.000	13.03	43.59	19.54	0.47
290	565.5	218.1	0.0450	-13.47	1.000	12.49	41.62	18.60	0.47
300	613.2	170.4	0.0450	-13.47	1.000	11.11	36.91	15.98	0.47
310	644.4	139.2	0.0450	-13.47	1.000	9.96	33.43	13.93	0.47
320	663.7	119.9	0.0450	-13.47	1.000	9.25	31.02	12.93	0.47
330	671.0	112.6	0.0450	-13.47	1.000	8.98	30.06	12.56	0.47
340	649.8	133.8	0.0450	-13.47	1.000	9.76	32.76	13.65	0.47
350	664.2	119.4	0.0450	-13.47	1.000	9.24	30.96	12.91	0.47

AMSL= 783.6