

**MINOR CHANGE APPLICATION/  
CORRECTION OF COORDINATES  
POSITIVE ALTERNATIVE RADIO, INC.  
W231BC FM TRANSLATOR  
CH 231D - 94.1 MHZ - 0.010 KW  
CHRISTIANSBURG, VIRGINIA  
September 2010**

**EXHIBIT B**

Interference Review for W231BC Christiansburg, Virginia  
Using Corrected Site as Reference

REFERENCE		CH# 231D - 94.1 MHz, Pwr= 0.01 kW, HAAT= 157.47 M, COR= 772.4 M						DISPLAY DATES			
37 11 13.4 N.		Average Protected F(50-50)= 7.3 km						DATA 09-13-10			
80 27 21.1 W.		Omni-directional						SEARCH 09-13-10			
CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
231D Christiansburg	W231BC	LIC C VA		286.3 106.3	0.2 BLFT20070607ACK	37 11 15.0 80 27 28.0	0.010	28.3 780	8.5 Positive Alternative Radio	-36.7*	-37.1*
231C Lexington	WWLV	LIC DCN NC		174.1 354.2	141.7 BLH19940909KH	35 55 02.0 80 17 37.0	100.000 309	173.1 543	73.1 Davidson County Broadcasting	-38.2*<	45.7
231C1 Faith	WWLV	RSV-A NC		174.1 354.2	141.7	35 55 02.0 80 17 37.0	100.000 299	171.9 532	72.3 Davidson County Broadcasting	-37.0*<	46.5
231B Oak Hill	WAXS	LIC CY WV		324.7 144.3	105.3 BMLH19960118KD	37 57 30.0 81 09 03.0	26.500 198	134.0 775	67.5 Plateau Broadcasting, Inc.	-34.8*<	9.1
230C Marion	WMEV-FM	LIC DEX VA		252.1 71.4	101.8 BLH20060512AAB	36 54 04.0 81 32 35.0	100.000 452	105.4 1187	72.6 Holston Valley Broadcasting	-11.5*<	17.9
231C1 Faith	WWLV	APP NCX NC		188.4 8.2	172.3 BMPH20090724ACK	35 39 04.0 80 44 04.0	43.000 408	165.4 653	71.8 Davidson County Broadcasting	-0.3<	76.6
231C1 Lexington	WWLV	CP NCX NC		188.4 8.2	172.3 BPH20030303ACA	35 39 04.0 80 44 04.0	43.000 408	165.4 653	71.8 Davidson County Broadcasting	-0.3<	76.6
231D Roanoke	630495	APP C VA		66.0 246.3	51.3 BNPFT20030312AQA	37 22 25.0 79 55 34.0	0.010	33.0 703	9.9 Liberty University, Inc.	10.5	14.9
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 Aloha Station Trust, Llc	32.1	20.7
233C1 Eden	WPTI	LIC DE NC		152.3 332.6	105.3 BMLH20010514AAN	36 20 48.0 79 54 30.0	100.000 299	9.5 522	69.9 Clear Channel Broadcasting	89.2	35.1
230D Bluefield	WMEV-FM1	CP DC WV		276.8 96.3	70.0 BNPFTB20070619ABN	37 15 30.0 81 14 21.0	0.099	14.5 898	10.3 Holston Valley Broadcasting	46.5	47.0

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 = 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



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**EXHIBIT B1**

Predicted contours

N. Lat. = 37 11 13.4 - Tabulated Protected and Interfering Contours  
W. Lng. = 80 27 21.1 - W231BC FM Translator Station - Christiansburg, Virginia

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	98.4	0.0100	-20.00	1.000	5.80	19.04	8.11	0.22
010	110.2	0.0100	-20.00	1.000	6.15	20.32	8.61	0.22
020	103.8	0.0100	-20.00	1.000	5.96	19.64	8.35	0.22
030	108.8	0.0100	-20.00	1.000	6.11	20.17	8.56	0.22
040	143.2	0.0100	-20.00	1.000	6.93	23.29	9.81	0.22
050	192.2	0.0100	-20.00	1.000	8.05	27.07	11.43	0.22
060	155.1	0.0100	-20.00	1.000	7.22	24.33	10.25	0.22
070	198.2	0.0100	-20.00	1.000	8.18	27.46	11.59	0.22
080	209.4	0.0100	-20.00	1.000	8.43	28.19	11.90	0.22
090	239.6	0.0100	-20.00	1.000	9.04	30.08	12.69	0.22
100	215.5	0.0100	-20.00	1.000	8.56	28.58	12.06	0.22
110	191.5	0.0100	-20.00	1.000	8.03	27.02	11.41	0.22
120	172.7	0.0100	-20.00	1.000	7.63	25.75	10.86	0.22
130	147.5	0.0100	-20.00	1.000	7.03	23.67	9.97	0.22
140	122.9	0.0100	-20.00	1.000	6.46	21.51	9.08	0.22
150	115.6	0.0100	-20.00	1.000	6.29	20.85	8.82	0.22
160	140.2	0.0100	-20.00	1.000	6.86	23.02	9.70	0.22
170	141.2	0.0100	-20.00	1.000	6.89	23.12	9.74	0.22
180	143.2	0.0100	-20.00	1.000	6.93	23.30	9.81	0.22
190	149.1	0.0100	-20.00	1.000	7.07	23.81	10.03	0.22
200	158.4	0.0100	-20.00	1.000	7.30	24.61	10.37	0.22
210	164.3	0.0100	-20.00	1.000	7.43	25.09	10.57	0.22
220	181.2	0.0100	-20.00	1.000	7.82	26.35	11.12	0.22
230	194.8	0.0100	-20.00	1.000	8.11	27.24	11.50	0.22
240	204.8	0.0100	-20.00	1.000	8.33	27.89	11.77	0.22
250	191.1	0.0100	-20.00	1.000	8.03	26.99	11.40	0.22
260	191.9	0.0100	-20.00	1.000	8.04	27.05	11.42	0.22
270	227.2	0.0100	-20.00	1.000	8.80	29.32	12.37	0.22
280	228.4	0.0100	-20.00	1.000	8.83	29.40	12.40	0.22
290	208.0	0.0100	-20.00	1.000	8.40	28.09	11.86	0.22
300	158.1	0.0100	-20.00	1.000	7.29	24.58	10.36	0.22
310	128.8	0.0100	-20.00	1.000	6.60	22.03	9.29	0.22
320	107.9	0.0100	-20.00	1.000	6.08	20.08	8.52	0.22
330	101.7	0.0100	-20.00	1.000	5.90	19.41	8.26	0.22
340	123.5	0.0100	-20.00	1.000	6.47	21.56	9.10	0.22
350	108.3	0.0100	-20.00	1.000	6.09	20.12	8.54	0.22

AMSL= 772.4 M