

MODIFY BPFT-20161229AAJ
VANDALIA MEDIA PARTNERS, LLC
W228DJ FM TRANSLATOR STATION
CH 228D - 93.5 MHZ - 0.25 KW
RAVENSWOOD, WEST VIRGINIA
April 2017

EXHIBIT B1

Clearance Study for W228DJ
Using Proposed/Existing Site as Reference

REFERENCE		CH# 228D - 93.5 MHz, Pwr= 0.25 kW, HAAT= 0.0 M, COR= 409 M							DISPLAY DATES		
39 02 07.0 N.		Average Protected F(50-50)= 7.1 km							DATA 03-29-17		
81 40 04.0 W.		Omni-directional							SEARCH 03-29-17		
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*
228D Ravenswood	W228DJ!	LIC DC WV		0.0 0.0	0.00 BLFT20161102ABK	39 02 07.0 81 40 04.0	0.250	20.7 416	6.1 Vandalia Media Partners, L	-37.5	-59.9
228D Ravenswood	W228DJ!	CP DC WV		0.0 0.0	0.00 BPFT20161229AAJ	39 02 07.0 81 40 04.0	0.250	20.2 409	6.0 Vandalia Media Partners, L	-37.0	-59.8
226A Racine	AL2724	RSV-A OH		211.9 31.8	18.57 RM10597	38 53 36.0 81 46 52.0	6.000 100	2.7 319	27.3	-2.2	-9.9*
229C1 Ashland	WDGG	LIC CN KY		230.5 49.8	112.41 BLH19860407KC	38 23 14.0 82 39 45.0	100.000 226	97.9 447	66.4 Fifth Avenue Broadcasting	-3.9	18.6
228A Barnesville	WBNV	LIC CN OH		22.0 202.3	104.13 BLH19910712KC	39 54 10.0 81 12 37.0	2.500 149	84.6 492	28.5 Avc Communications, Inc.	4.0	21.9
226A Racine	WNTD	LIC CX OH		253.9 73.7	34.44 BLH20060727AAE	38 56 56.0 82 03 02.0	4.100 121	2.7 334	28.6 Sunny Broadcasting, Llc	14.0	4.6
228B1 Buckhannon	WBTQ	LIC CN WV		92.4 273.5	141.45 BLH19960402KC	38 58 11.0 80 01 58.0	16.000 127	119.9 750	54.0 West Virginia Radio Corpor	6.5	31.1
230B1 St. Marys	WRRR-FM	LIC CX WV		46.7 227.0	56.05 BLH20040614ABC	39 22 49.0 81 11 36.0	17.000 119	4.0 389	43.8 Seven Ranges Radio Company	36.4	10.1
227A Marmet	WKVW	LIC CX WV		171.6 351.7	85.59 BLED20100922ABA	38 16 25.0 81 31 27.0	1.700 189	47.8 498	31.7 Educational Media Foundati	20.8	29.3
231D Point Pleasant	W231CY	LIC C WV		242.5 62.2	45.16 BLFT20160404AAL	38 50 49.0 82 07 50.0	0.170	0.9 290	10.1 Positive Alternative Radio	26.0	33.7

Terrain database is FCC NGDC 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM

In & Out distances between contours are shown at closest points. Reference Zone= East Zone, Co to 3rd adjacent.

All separation margins (if shown) include rounding.

Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)

Incoming contour overlap is ignored.

"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.

Reference station has protected zone issue: Canada

"#" WNTD "allocation site" not protected

MINOR CHANGE APPLICATION
VANDALIA MEDIA PARTNERS, LLC
W294AF FM TRANSLATOR STATION
CH 294D - 106.7 MHZ - 0.25 KW
RIPLEY, WEST VIRGINIA
April 2017

EXHIBIT B2

N. Lat. = 38° 53' 34.7" - Protected and Interfering Contour Data
W. Lng. = 81° 46' 51.4" - W294AF FM Translator, Ripley, West Virginia

HAAT and Distance to Contour - FCC 30 second terrain database

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1	34-F1
000	196.0	126.8	0.2500	-6.02	1.000	14.45	48.64	21.82	1.11	64.82
010	204.9	117.9	0.2500	-6.02	1.000	13.95	47.39	21.04	1.11	63.33
020	210.6	112.2	0.2500	-6.02	1.000	13.61	46.49	20.50	1.11	62.36
030	226.1	96.7	0.2500	-6.02	1.000	12.66	43.55	18.82	1.11	59.56
040	229.8	93.0	0.2500	-6.02	1.000	12.42	42.75	18.38	1.11	58.84
050	236.5	86.3	0.2500	-6.02	1.000	11.98	41.19	17.57	1.11	57.46
060	237.5	85.3	0.2500	-6.02	1.000	11.92	40.96	17.45	1.11	57.25
070	216.1	106.7	0.2500	-6.02	1.000	13.28	45.52	19.93	1.11	61.39
080	229.8	93.0	0.2500	-6.02	1.000	12.42	42.75	18.39	1.11	58.84
090	217.9	104.9	0.2500	-6.02	1.000	13.17	45.20	19.74	1.11	61.08
100	232.1	90.7	0.2500	-6.02	1.000	12.27	42.23	18.11	1.11	58.38
110	254.1	68.7	0.2500	-6.02	1.000	10.80	36.66	15.31	1.11	53.28
120	233.5	89.3	0.2500	-6.02	1.000	12.18	41.90	17.93	1.11	58.09
130	223.0	99.8	0.2500	-6.02	1.000	12.85	44.19	19.17	1.11	60.14
140	218.1	104.7	0.2500	-6.02	1.000	13.16	45.15	19.71	1.11	61.03
150	239.1	83.7	0.2500	-6.02	1.000	11.82	40.56	17.25	1.11	56.90
160	222.1	100.7	0.2500	-6.02	1.000	12.91	44.38	19.27	1.11	60.31
170	219.3	103.5	0.2500	-6.02	1.000	13.08	44.92	19.58	1.11	60.81
180	226.8	96.0	0.2500	-6.02	1.000	12.61	43.39	18.73	1.11	59.41
190	233.2	89.6	0.2500	-6.02	1.000	12.20	41.97	17.98	1.11	58.15
200	228.3	94.5	0.2500	-6.02	1.000	12.51	43.07	18.56	1.11	59.12
210	225.3	97.5	0.2500	-6.02	1.000	12.71	43.72	18.91	1.11	59.71
220	219.2	103.6	0.2500	-6.02	1.000	13.09	44.95	19.60	1.11	60.84
230	229.9	92.9	0.2500	-6.02	1.000	12.41	42.72	18.37	1.11	58.82
240	218.2	104.6	0.2500	-6.02	1.000	13.15	45.14	19.71	1.11	61.02
250	222.3	100.5	0.2500	-6.02	1.000	12.90	44.34	19.25	1.11	60.27
260	199.7	123.1	0.2500	-6.02	1.000	14.24	48.13	21.50	1.11	64.19
270	198.7	124.1	0.2500	-6.02	1.000	14.30	48.27	21.59	1.11	64.36
280	197.0	125.8	0.2500	-6.02	1.000	14.40	48.51	21.74	1.11	64.65
290	200.0	122.8	0.2500	-6.02	1.000	14.23	48.09	21.47	1.11	64.15
300	196.7	126.1	0.2500	-6.02	1.000	14.41	48.54	21.76	1.11	64.69
310	205.6	117.2	0.2500	-6.02	1.000	13.91	47.28	20.97	1.11	63.20
320	214.3	108.5	0.2500	-6.02	1.000	13.39	45.85	20.12	1.11	61.71
330	214.7	108.1	0.2500	-6.02	1.000	13.36	45.78	20.07	1.11	61.64
340	217.2	105.6	0.2500	-6.02	1.000	13.21	45.33	19.81	1.11	61.20
350	214.4	108.4	0.2500	-6.02	1.000	13.38	45.83	20.10	1.11	61.69

AMSL= 322.8 M