

MINOR CHANGE APPLICATION
CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.
W212BF FM TRANSLATOR STATION
CH 212D - 90.3 MHZ - 0.019 KW
TAVARES, FLORIDA
November 2004

EXHIBIT B

Interference analysis for W212BF Tavares, Florida
Using present site as reference

REFERENCE		CH# 212D - 90.3 MHz, Pwr= 0.019 kW, HAAT=105.6M, COR= 127 M								DISPLAY DATES	
28 51 35 N		Average Protected F(50-50)= 7.0 km								DATA	11-10-04
81 46 27 W		Ave. F(50-10) 40 dBu= 23.4 54 dBu= 9.9 100 dBu= .3								SEARCH	11-10-04
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	COR (M) INT (km)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*	
212D Leesburg	W212BF	LIC CN FL	0.0 180.0	0.00 BLFT-19990610UA	28 51 35 81 46 27	0.019 105	127 23.4	7.0 Central Florida Educational	-30.36	-30.29	
212B1 Flagler Beach	WJLH.A	APP DVX FL	45.1 225.1	81.17 BPED-20010112AAO	29 22 26 81 10 49	12.281 54	61 90.5	7.1 Cornerstone Broadcasting Corp	-16.34	32.26	
212A Haines City	WLVFFM	LIC CN FL	169.5 349.5	79.13 BLED-19951109KA	28 09 28 81 37 34	1.2 80	128 58.4	7.0 Landmark Baptist Church, Inc.	13.66	38.36	
212A Flagler Beach	WJLH	LIC VN FL	45.1 225.1	81.17 BLED-19960618KB	29 22 26 81 10 49	2 54	61 58.8	7.1 Cornerstone Broadcasting Corp	15.30	41.41	
214C1 Orlando	WMFEFM	LIC CN FL	113.2 293.2	72.35 BLED-19800723AE	28 36 08 81 05 37	100 222	233 8.7	6.9 Community Communications,	56.79	6.19	
211C2 Inverness	WJUF	LIC CN FL	262.5 82.5	68.34 BLED-19980508KF	28 46 39 82 28 05	21 118	142 61.1	6.9 Board Of Trustees, University	0.27	18.21	
210C3 Orlando	WUCFFM	LIC DEX FL	118.2 298.2	63.11 BLED-20030612ACN	28 35 27 81 12 17	3.869 148	164 2.8	6.9 University Of Central Florida	53.38	32.40	
213C1 Gainesville	WYFB	LIC DC FL	339.9 159.9	119.29 BMLD-20000606ACG	29 52 08 82 12 04	97 206	248 94.8	7.1 Bible Broadcasting Network	17.31	45.18	
213C1 Tampa	WBVM.A	APP DCX FL	203.2 23.2	121.97 BPED-20040818ABN	27 50 52 82 15 48	5.963 288	313 66.3	7.0 Bishop Of The Diocese	48.68	67.42	
209C3 New Smyrna Beach	WJLU	LIC DCN FL	77.8 257.8	79.73 BLED-19941007KA	29 00 32 80 58 27	0.524 98	106 1.6	7.1 Cornerstone Broadcasting Corp	71.05	64.08	
213C1 Tampa	WBVM	LIC DCN FL	201.6 21.6	124.05 BLED-19860509KC	27 49 09 82 14 26	6.34 297	315 67.9	7.0 Bishop Of The Diocese	49.13	68.40	
215A Crystal River	WAQV	LIC C FL	286.3 106.3	68.80 BLED-19990827KA	29 01 54 82 27 08	3.7 107	120 2.5	7.0 Radio Training Network, Inc.	59.31	42.28	
215D Crystal River, Etc.	DW215A	LIC CN FL	272.6 92.6	73.56 BLFT-19930622TB	28 53 14 82 31 39	0.038 58	82 0.4	6.9 Marion Community Radio, Inc.	66.19	67.11	
06-3C Orlando	WKMGTV	LI HY FL	113.2 293.2	72.35 BLCT-19960725KG	28 36 08 81 05 37	100 447	458	108.4 To Grd B=	-43.25		

ERP and HAAT are on direct line to and from reference station.
"*"Affixed to 'IN' or 'Out' values = site inside protected contour.

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EXHIBIT B1

Predicted contour:

N. Lat. = 28 51 35 - Tabulated Protected and Interfering Contour Data
W. Lng. = 81 46 27 - W212BF FM Translator - Tavares, Florida

HAAT and Distance to Contour - FCC Method - 30 Arc Second terrain database

Azi.	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	103.9	0.0190	-17.21	1.000	6.96	23.26	9.82	0.31
010	106.2	0.0190	-17.21	1.000	7.04	23.53	9.92	0.31
020	107.0	0.0190	-17.21	1.000	7.07	23.62	9.95	0.31
030	107.1	0.0190	-17.21	1.000	7.07	23.64	9.96	0.31
040	107.1	0.0190	-17.21	1.000	7.07	23.64	9.96	0.31
050	105.9	0.0190	-17.21	1.000	7.03	23.50	9.91	0.31
060	106.5	0.0190	-17.21	1.000	7.05	23.57	9.94	0.31
070	107.1	0.0190	-17.21	1.000	7.07	23.64	9.96	0.31
080	106.7	0.0190	-17.21	1.000	7.06	23.59	9.94	0.31
090	103.1	0.0190	-17.21	1.000	6.94	23.16	9.78	0.31
100	95.4	0.0190	-17.21	1.000	6.67	22.21	9.42	0.31
110	99.3	0.0190	-17.21	1.000	6.81	22.70	9.60	0.31
120	104.0	0.0190	-17.21	1.000	6.97	23.27	9.82	0.31
130	107.5	0.0190	-17.21	1.000	7.08	23.69	9.98	0.31
140	107.7	0.0190	-17.21	1.000	7.09	23.71	9.99	0.31
150	106.2	0.0190	-17.21	1.000	7.04	23.53	9.92	0.31
160	105.9	0.0190	-17.21	1.000	7.03	23.50	9.91	0.31
170	106.3	0.0190	-17.21	1.000	7.04	23.54	9.92	0.31
180	104.8	0.0190	-17.21	1.000	6.99	23.36	9.86	0.31
190	104.2	0.0190	-17.21	1.000	6.97	23.30	9.83	0.31
200	105.5	0.0190	-17.21	1.000	7.01	23.45	9.89	0.31
210	106.1	0.0190	-17.21	1.000	7.04	23.53	9.92	0.31
220	105.6	0.0190	-17.21	1.000	7.02	23.46	9.89	0.31
230	105.7	0.0190	-17.21	1.000	7.02	23.47	9.90	0.31
240	106.3	0.0190	-17.21	1.000	7.04	23.54	9.93	0.31
250	106.2	0.0190	-17.21	1.000	7.04	23.53	9.92	0.31
260	103.5	0.0190	-17.21	1.000	6.95	23.21	9.80	0.31
270	103.8	0.0190	-17.21	1.000	6.96	23.25	9.81	0.31
280	103.8	0.0190	-17.21	1.000	6.96	23.24	9.81	0.31
290	107.2	0.0190	-17.21	1.000	7.07	23.65	9.97	0.31
300	106.1	0.0190	-17.21	1.000	7.04	23.52	9.92	0.31
310	104.1	0.0190	-17.21	1.000	6.97	23.29	9.83	0.31
320	106.0	0.0190	-17.21	1.000	7.03	23.51	9.91	0.31
330	108.8	0.0190	-17.21	1.000	7.13	23.83	10.04	0.31
340	108.8	0.0190	-17.21	1.000	7.13	23.83	10.04	0.31
350	106.5	0.0190	-17.21	1.000	7.05	23.56	9.93	0.31

AMSL= 126.8M