

**INTERIM/INDEPENDENT FACILITY APPLICATION**  
**CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.**  
**WPOZ RADIO STATION**  
**CH 202C1 - 88.3 MHZ - 13.0 KW**  
**UNION PARK, FLORIDA**  
**October 2008**

**EXHIBIT A**

**Non-Commercial Allocation Analysis & Section 73.509 Study**

Because of its operating channel, the proposed interim/independent facility for WPOZ at Union Park, Florida potentially impacts other authorized or proposed non-commercial stations operating on co- or adjacent FM channels. The detailed list of stations reviewed as potentially impacted by Channel 202C1 at Union Park, Florida is shown on Exhibit A1. The closest (nearby) stations/facilities reviewed are WKTO, Channel 205C2, Edgewater, Florida, both license and construction permit; WMNF, Channel 203C1, Tampa, Florida; and WMYZ, Channel 204C3, Clermont, Florida, both license and construction permit. The provisions of §73.509 of the rules will be met by specifying less than maximum Class C1 facilities.<sup>1</sup>

**Disposition of WHYZ and WEAZ**

As noted in BMPED-20070907AEU, CFEF indicated that the licenses and call signs of the co-owned WHYZ, Channel 203A, Palm Bay, Florida (Facility ID 70093), and WEAZ, Channel 201A, Holly Hill, Florida (Facility ID 53836) are to be surrendered prior to commencing program tests with that permit. This interim/independent facility seeks the same provision.

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1) The remainder of the stations listed on Exhibit A were reviewed and found to be far enough removed from the proposed WPOZ to not have any contour overlap and, therefore, they too are in compliance with §73.509 of the rules. WKMG-TV is addressed in Exhibit B.

These two facilities, which operate as satellites of WPOZ and duplicate its programming 100%, are technically incompatible with the facilities proposed in this interim/independent facility application.

It is noted that Palm Bay, Florida will continue to be served with non-commercial educational FM station WEJF, Channel 212C3, Palm Bay, Florida (Facility ID 51316) and Holly Hill, Florida will continue to have non-commercial educational service from station WAPN, Channel 218A, Holly Hill, Florida (Facility ID 53836). As such, neither community will lose its only non-commercial service. Based on the foregoing, WHYZ and WEAZ are not considered impediments to this instant request, and are not addressed further.

#### **Section 73.509 Review and Analysis**

The 60 dBu contour of the interim/independent WPOZ facility will encompass the 100 dBu (50/10) contours of WKTO (both license and permit). CFEF was granted a waiver of this received interference in BMPED-20070907AEU. CFEF herein respectfully requests a waiver of §73.509 of the rules to allow the WPOZ interim/independent facility to accept a minute amount of interference from WKTO, both license and permit ("Raleigh Waiver"). The received interference is de minimus. The area of the received interference is within that previously waived for station WCPE, Raleigh, North Carolina. *See Educational Information Corporation*, 6 FCC Rcd 2207 (1991). The proposed WPOZ facility will not interfere with WKTO.

### **Compliance with §73.509**

Exhibit A2A specifically demonstrates that there will be no interference delivered from the proposed WPOZ interim/independent facility to WKTO (license or permit); Exhibit A2B specifically demonstrates that there will be no interference delivered from the proposed WPOZ interim/independent facility to WMNF or WMYZ (license or permit). Attached as Exhibits A3 through A10 are the tabulated distances to the protected and interfering contours, along pertinent arcs, of the respective facilities. Attached as Exhibit A11 is a tabulation of the protected and interfering contours of the proposed WPOZ, in ten degree increments.

### **§73.207 Spacing Matters, Including I.F. Relationship**

The nearest station operating on a frequency either 53 or 54 channels removed from this instant proposal for an interim/independent facility for WPOZ is the transmitter site for station WMMO, Channel 255C2, Orlando, Florida. The WMMO site is located on a bearing of 265.2° at a distance of 36.24 kilometers from the proposed WPOZ interim/independent facility site. Pursuant to §73.207 of the rules, WPOZ must be a minimum of 27.0 kilometers from the WMMO site. The proposed WPOZ interim/independent facility site is located more than 8.0 kilometers farther than the required distance. Therefore, this proposal does not impact any intermediate frequency stations



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**UNION PARK, FLORIDA**

**October 2008**

**EXHIBIT A1**

Interference Study for WPOZ, Union Park, Florida Interim/independent Facility  
Using WPOZ Licensed Site as Reference

REFERENCE 28 36 07.0 N. 81 05 37.0 W.		CH# 202C1- 88.3 MHz, Pwr= 13 kW, HAAT= 404.0 M, COR= 416 M Average Protected F(50-50)= 59.0 km Omni-directional						DISPLAY DATES DATA 10-25-08 SEARCH 10-27-08		
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*
202C2 WPOZ Union Park		LIC CX FL	0.0 0.0	0.00 BLED20021126ABN	28 36 07.0 81 05 37.0	2.300 404	110.1 416	43.2 Central Florida Educationa	-169.38* -182.90*	
202C0 WPOZ Union Park		CP DCX FL	134.1 314.1	5.32 BMPED20070907AEU	28 34 07.0 81 03 16.0	100.000 400	145.5 409	62.1 Central Florida Educationa	-199.19* -196.05*	
* 201A WEAZ Holly Hill		LIC DV FL	354.4 174.4	85.97 BLED20010601ABN	29 22 26.0 81 10 49.0	4.200 45	26.1 51	17.7 Central Florida Educationa	0.72 -19.20<	
* 203A WHYZ Palm Bay		LIC DVN FL	146.3 326.5	73.76 BLED19960517KA	28 02 54.0 80 40 34.0	0.600 33	8.0 37	5.6 Central Florida Educationa	6.92 -18.84<	
+ 205C2 WKTO Edgewater		CP DVX FL	353.6 173.6	47.18 BPED20080424ACF	29 01 30.0 81 08 52.0	25.000 120	4.2 131	40.3 Mims Community Radio, Inc.	-16.10*< 0.94	
+ 205C2 WKTO Edgewater		LIC VX FL	0.7 180.7	46.95 BLED20070213ABH	29 01 32.0 81 05 15.0	29.000 72	3.6 80	35.2 Mims Community Radio, Inc.	-15.96*< 5.82	
203C1 WMNF Tampa		LIC CX FL	233.0 52.5	143.70 BLED20080911ACV	27 49 10.0 82 15 39.0	7.000 469	84.7 490	56.5 Nathan B. Stubblefield Fou	0.20 0.32	
204C3 WMYZ Clermont		LIC DVX FL	274.9 94.6	62.67 BLED20020311AAU	28 38 56.0 81 43 56.0	5.500 117	2.4 147	26.7 Central Florida Educationa	1.27 30.07	
204C3 WMYZ Clermont		CP DVX FL	274.9 94.6	63.02 BPED20070906AET	28 38 56.0 81 44 09.0	7.200 114	2.4 141	26.4 Central Florida Educationa	1.63 30.69	
202C3 WTLG Starke		LIC CN FL	326.3 145.9	174.87 BLED19890302KA	29 54 34.0 82 06 02.0	7.000 87	86.9 132	27.5 American Family Associatio	28.74 7.85	
255C2 WMMO Orlando		LIC C FL	265.2 85.0	36.24 BLH19991008ABG	28 34 27.0 81 27 46.0	44.000 159	110.0 188	42.9 Cox Radio, Inc.	27.0R 9.2M	
201A WHIJ Ocala		LIC VN FL	305.5 125.0	122.54 BLED19900411KA	29 14 17.0 82 07 17.0	1.250 120	32.7 142	22.0 Radio Training Network, In	30.85 13.35	
201C1 1215240 South Brooksville		APP DEX FL	266.6 86.0	120.93 BNPED20071022ATR	28 31 54.0 82 19 37.0	0.760 65	19.6 95	13.2 Reach Communications, Inc.	42.38 20.68	
06-3C WKMG-TV Orlando		LI HY FL	0.0 0.0	0.00 BMLCT20040929ABF	28 36 07.0 81 05 37.0	100.000 445	98.0 458	115.9 Post-newsweek Stations, Or	257.0R -214.0M	

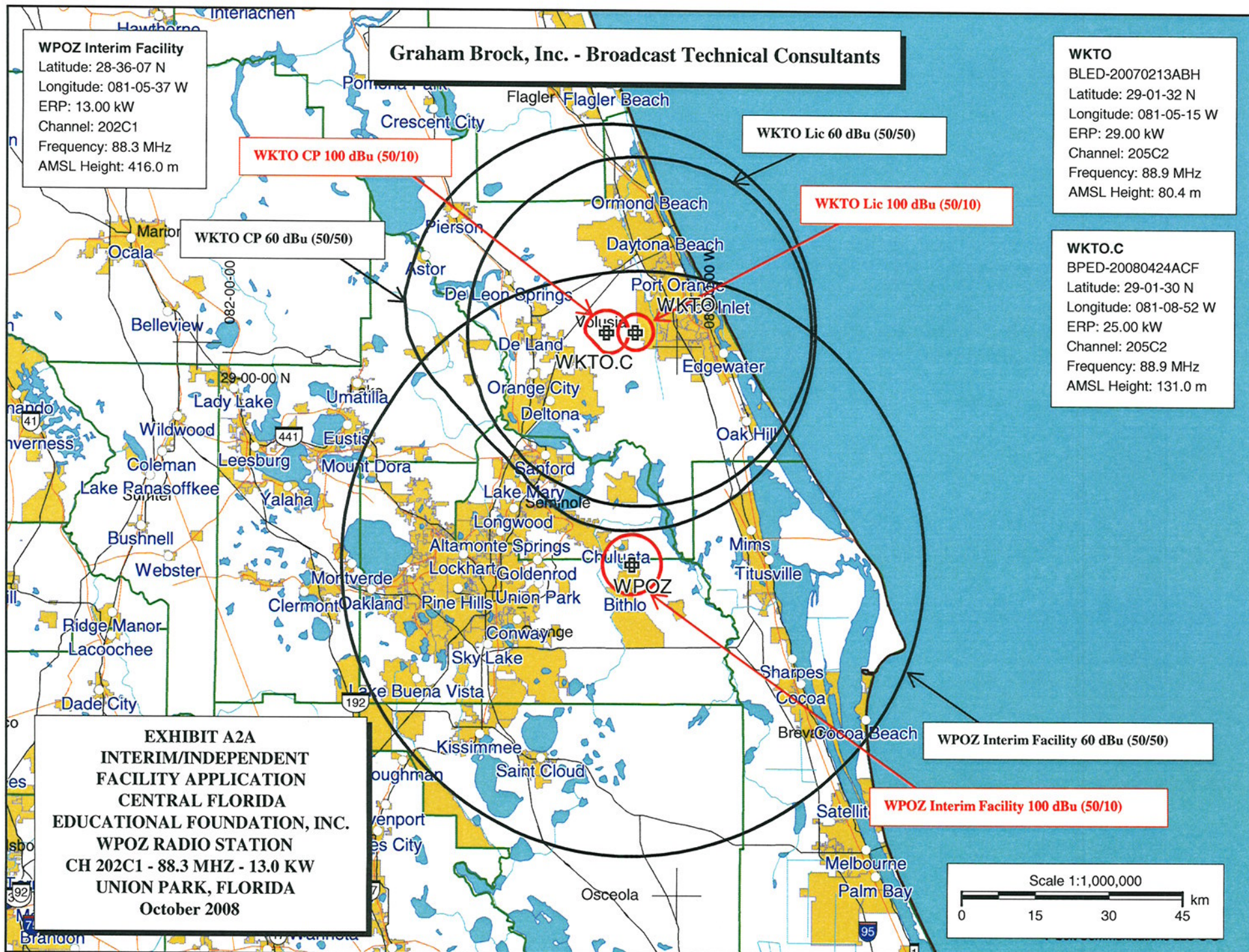
Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM  
Contour distances are on direct line to and from reference station. Reference Zone = 2, Co to 3rd adjacent.  
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)

"\*"affixed to 'IN' or 'OUT' values = site inside protected contour.  
"<" = Contour Overlap

\* Note: These licenses will be surrendered, as conditioned in the WPOZ Class C0 permit. See Exhibit A for details.

+ Note: WPOZ will receive interference from this facility. See Exhibit A for details and waiver request.







**Graham Brock, Inc. - Broadcast Technical Consultants**

**WMYZ**

BLED-20020311AAU  
Latitude: 28-38-56 N  
Longitude: 081-43-56 W  
ERP: 5.50 kW  
Channel: 204C3  
Frequency: 88.7 MHz  
AMSL Height: 147.0 m

**WMYZ.CP**

BPED-20070906AET  
Latitude: 28-38-56 N  
Longitude: 081-44-09 W  
ERP: 7.20 kW  
Channel: 204C3  
Frequency: 88.7 MHz  
AMSL Height: 141.4 m

**WPOZ Interim Facility**

Latitude: 28-36-07 N  
Longitude: 081-05-37 W  
ERP: 13.00 kW  
Channel: 202C1  
Frequency: 88.3 MHz  
AMSL Height: 416.0 m

**WMNF**

BLED-20080911ACV  
Latitude: 27-49-10 N  
Longitude: 082-15-39 W  
ERP: 7.00 kW  
Channel: 203C1  
Frequency: 88.5 MHz  
AMSL Height: 490.0 m

WMYZ Lic/CP 100 dBu (50/10)

WMYZ Lic 60 dBu (50/50)

WMYZCP 60 dBu (50/50)

WPOZ Interim Facility 100 dBu (50/10)

WPOZ Interim Facility 60 dBu (50/50)

WPOZ Interim Facility 54 dBu (50/10)

WMNF 60 dBu (50/50)

WMNF 54 dBu (50/10)

**EXHIBIT A2B**  
**INTERIM/INDEPENDENT**  
**FACILITY APPLICATION**  
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Scale 1:1,750,000  
0 30 60 90 km



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**EXHIBIT A3**

WKTO - BLED-20070213ABH  
Channel = 205C2  
Max ERP = 29 kW  
RCAMSL = 80 M  
N. Lat = 29 01 32  
W. Lng = 81 05 15

WPOZ - Interim/Independent Facility  
Channel = 202C1  
Max ERP = 13 kW  
RCAMSL = 416 M  
N. Lat = 28 36 07  
W. Lng = 81 05 37

Protected  
60 dBu

Interfering  
100 dBu

**30 second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
164.0	029.0000	0073.8	035.3	038.2	013.0000	0414.3	016.6	85.7
165.0	029.0000	0073.6	035.2	036.8	013.0000	0414.3	016.2	86.1
166.0	029.0000	0073.5	035.2	035.4	013.0000	0414.4	015.7	86.5
167.0	029.0000	0073.5	035.2	033.8	013.0000	0414.4	015.2	86.9
168.0	029.0000	0073.4	035.2	032.2	013.0000	0414.5	014.8	87.1
169.0	029.0000	0073.4	035.2	030.4	013.0000	0414.4	014.4	87.6
170.0	029.0000	0073.3	035.2	028.5	013.0000	0414.3	014.0	88.1
171.0	029.0000	0073.3	035.2	026.4	013.0000	0414.3	013.6	88.6
172.0	029.0000	0073.3	035.2	024.3	013.0000	0414.2	013.3	89.0
173.0	029.0000	0073.3	035.2	022.0	013.0000	0414.1	013.0	89.4
174.0	029.0000	0073.4	035.2	019.6	013.0000	0413.9	012.7	89.8
175.0	029.0000	0073.4	035.2	017.1	013.0000	0413.6	012.4	90.2
176.0	029.0000	0073.3	035.2	014.4	013.0000	0413.4	012.2	90.4
177.0	029.0000	0073.2	035.2	011.6	013.0000	0413.4	012.1	90.6
178.0	029.0000	0073.1	035.1	008.7	013.0000	0412.9	012.0	90.8
179.0	029.0000	0073.0	035.1	005.8	013.0000	0411.7	011.9	90.8
180.0	029.0000	0072.9	035.1	002.9	013.0000	0410.4	011.9	90.9
181.0	029.0000	0072.9	035.1	359.9	013.0000	0409.0	011.9	90.9
182.0	029.0000	0072.8	035.1	357.0	013.0000	0407.8	011.9	90.8
183.0	029.0000	0072.8	035.1	354.1	013.0000	0406.0	012.0	90.6
184.0	029.0000	0072.8	035.1	351.3	013.0000	0404.6	012.1	90.4
185.0	029.0000	0072.7	035.0	348.5	013.0000	0404.7	012.3	90.2
186.0	029.0000	0072.6	035.0	345.9	013.0000	0405.3	012.5	89.9
187.0	029.0000	0072.6	035.0	343.3	013.0000	0405.3	012.7	89.6
188.0	029.0000	0072.6	035.0	340.9	013.0000	0405.8	013.0	89.3
189.0	029.0000	0072.6	035.0	338.6	013.0000	0406.7	013.3	88.9
190.0	029.0000	0072.6	035.0	336.4	013.0000	0408.6	013.6	88.5
191.0	029.0000	0072.6	035.0	334.3	013.0000	0409.4	014.0	88.1
192.0	029.0000	0072.5	035.0	332.4	013.0000	0409.5	014.4	87.6
193.0	029.0000	0072.4	035.0	330.7	013.0000	0409.2	014.8	87.1
194.0	029.0000	0072.2	034.9	329.1	013.0000	0408.3	015.2	86.7
195.0	029.0000	0071.9	034.9	327.7	013.0000	0408.0	015.7	86.3
196.0	029.0000	0071.5	034.8	326.5	013.0000	0407.7	016.2	85.9
197.0	029.0000	0071.1	034.7	325.4	013.0000	0407.8	016.8	85.4
198.0	029.0000	0070.8	034.6	324.4	013.0000	0407.9	017.3	85.0
199.0	029.0000	0070.5	034.6	323.4	013.0000	0408.0	017.8	84.6
200.0	029.0000	0070.2	034.5	322.5	013.0000	0408.0	018.3	84.2
201.0	029.0000	0069.9	034.4	321.8	013.0000	0408.0	018.9	83.7

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**UNION PARK, FLORIDA**

**October 2008**

**EXHIBIT A4**

WKTO.CP - BPED-20080424ACF  
Channel = 205C2  
Max ERP = 25 kW  
RCAMSL = 131 M  
N. Lat = 29 01 30  
W. Lng = 81 08 52

WPOZ - Interim/Independent Facility  
Channel = 202C1  
Max ERP = 13 kW  
RCAMSL = 416 M  
N. Lat = 28 36 07  
W. Lng = 81 05 37

Protected  
60 dBu

Interfering  
100 dBu

**30 second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
154.0	022.7624	0122.7	041.6	053.6	013.0000	0413.3	016.0	86.2
155.0	022.6576	0122.7	041.6	052.9	013.0000	0413.2	015.3	86.7
156.0	022.5530	0122.6	041.5	052.1	013.0000	0413.2	014.6	87.3
157.0	022.4486	0122.6	041.5	051.2	013.0000	0413.2	014.0	88.1
158.0	022.3445	0122.6	041.4	050.2	013.0000	0413.3	013.3	89.0
159.0	022.2407	0122.6	041.4	049.0	013.0000	0413.4	012.6	89.9
160.0	022.1370	0122.6	041.4	047.6	013.0000	0413.4	011.9	90.8
161.0	021.9773	0122.5	041.3	045.9	013.0000	0413.4	011.3	91.7
162.0	021.8182	0122.4	041.2	043.9	013.0000	0413.6	010.7	92.6
163.0	021.6597	0122.3	041.1	041.6	013.0000	0414.0	010.1	93.5
164.0	021.5018	0122.1	041.1	038.9	013.0000	0414.2	009.6	94.3
165.0	021.3444	0121.8	041.0	035.8	013.0000	0414.4	009.0	95.1
166.0	021.1876	0121.4	040.9	032.2	013.0000	0414.5	008.6	95.8
167.0	021.0314	0121.1	040.8	028.2	013.0000	0414.3	008.1	96.4
168.0	020.8758	0120.8	040.7	023.8	013.0000	0414.2	007.8	96.9
169.0	020.7207	0120.7	040.6	019.0	013.0000	0413.8	007.5	97.4
170.0	020.5662	0120.7	040.5	013.9	013.0000	0413.4	007.2	97.8
171.0	020.3627	0120.8	040.5	008.4	013.0000	0412.6	007.0	98.1
172.0	020.1601	0120.9	040.4	002.7	013.0000	0410.4	006.9	98.3
173.0	019.9586	0121.1	040.3	356.8	013.0000	0407.8	006.9	98.3
174.0	019.7580	0121.2	040.3	351.0	013.0000	0404.6	006.9	98.2
175.0	019.5585	0121.3	040.2	345.4	013.0000	0405.4	007.1	97.9
176.0	019.3600	0121.4	040.1	340.1	013.0000	0406.2	007.3	97.6
177.0	019.1625	0121.6	040.1	335.2	013.0000	0409.1	007.6	97.2
178.0	018.9660	0121.6	040.0	330.8	013.0000	0409.2	008.0	96.6
179.0	018.7706	0121.4	039.9	326.9	013.0000	0407.7	008.4	95.9
180.0	018.5761	0121.2	039.8	323.5	013.0000	0407.9	008.9	95.2
181.0	018.2885	0121.0	039.6	320.7	013.0000	0408.0	009.4	94.4
182.0	018.0030	0120.8	039.5	318.3	013.0000	0407.6	010.0	93.5
183.0	017.7199	0120.7	039.3	316.2	013.0000	0407.2	010.6	92.7
184.0	017.4390	0120.6	039.2	314.3	013.0000	0406.5	011.2	91.8
185.0	017.1603	0120.7	039.1	312.7	013.0000	0406.2	011.8	90.9
186.0	016.8839	0120.8	038.9	311.2	013.0000	0405.8	012.4	90.0
187.0	016.6097	0120.8	038.8	310.0	013.0000	0405.6	013.1	89.2
188.0	016.3378	0120.5	038.6	309.1	013.0000	0405.3	013.7	88.3
189.0	016.0681	0120.2	038.5	308.3	013.0000	0405.0	014.4	87.5
190.0	015.8006	0120.0	038.3	307.6	013.0000	0405.0	015.0	86.8
191.0	015.3546	0120.0	038.1	307.3	013.0000	0404.5	015.7	86.2



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**EXHIBIT A5**

WPOZ - Interim/Independent Facility  
Channel = 202C1  
Max ERP = 13 kW  
RCAMSL = 416 M  
N. Lat = 28 36 07  
W. Lng = 81 05 37

WMNF - BLED-20080911ACV  
Channel = 203C1  
Max ERP = 7 kW  
RCAMSL = 490 M  
N. Lat = 27 49 10  
W. Lng = 82 15 39

Protected  
60 dBu

Interfering  
54 dBu

**30 second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
221.0	013.0000	0400.6	058.8	060.6	007.0000	0464.0	087.2	53.2
222.0	013.0000	0400.5	058.8	060.0	007.0000	0464.0	086.9	53.3
223.0	013.0000	0400.4	058.8	059.4	007.0000	0464.1	086.5	53.4
224.0	013.0000	0400.4	058.8	058.7	007.0000	0464.1	086.3	53.5
225.0	013.0000	0400.3	058.8	058.0	007.0000	0464.2	086.0	53.6
226.0	013.0000	0400.3	058.8	057.4	007.0000	0464.3	085.8	53.6
227.0	013.0000	0400.3	058.8	056.7	007.0000	0464.3	085.6	53.7
228.0	013.0000	0400.3	058.8	056.0	007.0000	0464.4	085.4	53.8
229.0	013.0000	0400.4	058.8	055.3	007.0000	0464.4	085.3	53.8
230.0	013.0000	0400.5	058.8	054.6	007.0000	0464.4	085.2	53.8
231.0	013.0000	0400.6	058.8	053.9	007.0000	0464.5	085.1	53.9
232.0	013.0000	0400.7	058.8	053.3	007.0000	0464.6	085.0	53.9
233.0	013.0000	0400.8	058.8	052.6	007.0000	0464.6	085.0	53.9
234.0	013.0000	0401.0	058.8	051.9	007.0000	0464.7	085.0	53.9
235.0	013.0000	0401.1	058.8	051.2	007.0000	0465.1	085.1	53.9
236.0	013.0000	0401.2	058.8	050.5	007.0000	0465.8	085.1	53.9
237.0	013.0000	0401.3	058.8	049.8	007.0000	0465.8	085.2	53.9
238.0	013.0000	0401.2	058.8	049.1	007.0000	0466.7	085.4	53.8
239.0	013.0000	0401.2	058.8	048.4	007.0000	0467.8	085.5	53.8
240.0	013.0000	0401.1	058.8	047.8	007.0000	0467.8	085.7	53.7
241.0	013.0000	0401.0	058.8	047.1	007.0000	0469.1	086.0	53.7
242.0	013.0000	0401.0	058.8	046.4	007.0000	0470.3	086.2	53.7
243.0	013.0000	0401.0	058.8	045.8	007.0000	0470.3	086.5	53.6
244.0	013.0000	0401.0	058.8	045.1	007.0000	0471.3	086.8	53.5
245.0	013.0000	0401.0	058.8	044.5	007.0000	0472.1	087.1	53.4
246.0	013.0000	0400.9	058.8	043.9	007.0000	0472.1	087.5	53.3
247.0	013.0000	0400.9	058.8	043.2	007.0000	0472.8	087.9	53.2
248.0	013.0000	0400.9	058.8	042.6	007.0000	0472.8	088.3	53.0
249.0	013.0000	0400.9	058.8	042.0	007.0000	0473.4	088.8	52.9
250.0	013.0000	0400.9	058.8	041.4	007.0000	0474.0	089.2	52.8
251.0	013.0000	0400.9	058.8	040.9	007.0000	0474.0	089.7	52.6
252.0	013.0000	0400.9	058.8	040.3	007.0000	0474.3	090.3	52.5
253.0	013.0000	0401.0	058.8	039.8	007.0000	0474.3	090.8	52.3
254.0	013.0000	0401.2	058.8	039.2	007.0000	0474.5	091.4	52.1
255.0	013.0000	0401.5	058.9	038.7	007.0000	0474.5	091.9	52.0
256.0	013.0000	0401.8	058.9	038.2	007.0000	0474.5	092.5	51.8
257.0	013.0000	0402.1	058.9	037.7	007.0000	0474.5	093.1	51.6
258.0	013.0000	0402.4	058.9	037.2	007.0000	0474.2	093.8	51.4

**INTERIM/INDEPENDENT FACILITY APPLICATION**  
**CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.**  
**WPOZ RADIO STATION**  
**CH 202C1 - 88.3 MHZ - 13.0 KW**  
**UNION PARK, FLORIDA**  
**October 2008**

**EXHIBIT A6**

WMNF - BLED-20080911ACV  
Channel = 203C1  
Max ERP = 7 kW  
RCAMSL = 490 M  
N. Lat = 27 49 10  
W. Lng = 82 15 39

WPOZ - Interim/Independent Facility  
Channel = 202C1  
Max ERP = 13 kW  
RCAMSL = 416 M  
N. Lat = 28 36 07  
W. Lng = 81 05 37

Protected  
60 dBu

Interfering  
54 dBu

**30 second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
026.0	007.0000	0470.9	056.8	248.4	013.0000	0400.9	096.3	51.1
027.0	007.0000	0471.4	056.9	248.0	013.0000	0400.9	095.6	51.2
028.0	007.0000	0471.9	056.9	247.5	013.0000	0400.9	094.9	51.4
029.0	007.0000	0472.4	056.9	247.0	013.0000	0400.9	094.3	51.6
030.0	007.0000	0472.8	056.9	246.6	013.0000	0400.9	093.7	51.8
031.0	007.0000	0472.9	057.0	246.1	013.0000	0400.9	093.1	52.0
032.0	007.0000	0473.0	057.0	245.6	013.0000	0400.9	092.5	52.2
033.0	007.0000	0473.0	057.0	245.0	013.0000	0401.0	092.0	52.3
034.0	007.0000	0473.2	057.0	244.5	013.0000	0401.0	091.5	52.5
035.0	007.0000	0473.5	057.0	244.0	013.0000	0401.0	091.0	52.7
036.0	007.0000	0473.9	057.0	243.4	013.0000	0401.0	090.5	52.8
037.0	007.0000	0474.2	057.0	242.9	013.0000	0401.0	090.0	53.0
038.0	007.0000	0474.5	057.0	242.3	013.0000	0401.0	089.6	53.1
039.0	007.0000	0474.5	057.0	241.7	013.0000	0401.0	089.2	53.2
040.0	007.0000	0474.3	057.0	241.1	013.0000	0401.0	088.8	53.4
041.0	007.0000	0474.0	057.0	240.5	013.0000	0401.1	088.5	53.5
042.0	007.0000	0473.4	057.0	239.9	013.0000	0401.1	088.2	53.6
043.0	007.0000	0472.8	056.9	239.2	013.0000	0401.2	088.0	53.7
044.0	007.0000	0472.1	056.9	238.6	013.0000	0401.2	087.8	53.7
045.0	007.0000	0471.3	056.9	238.0	013.0000	0401.2	087.6	53.8
046.0	007.0000	0470.3	056.8	237.3	013.0000	0401.3	087.4	53.8
047.0	007.0000	0469.1	056.7	236.7	013.0000	0401.3	087.3	53.9
048.0	007.0000	0467.8	056.7	236.0	013.0000	0401.2	087.2	53.9
049.0	007.0000	0466.7	056.6	235.4	013.0000	0401.1	087.2	53.9
050.0	007.0000	0465.8	056.5	234.7	013.0000	0401.1	087.1	53.9
051.0	007.0000	0465.1	056.5	234.1	013.0000	0401.0	087.1	53.9
052.0	007.0000	0464.7	056.5	233.4	013.0000	0400.8	087.1	53.9
053.0	007.0000	0464.6	056.5	232.8	013.0000	0400.8	087.1	53.9
054.0	007.0000	0464.5	056.5	232.1	013.0000	0400.7	087.1	53.9
055.0	007.0000	0464.4	056.5	231.5	013.0000	0400.6	087.2	53.9
056.0	007.0000	0464.4	056.5	230.8	013.0000	0400.6	087.3	53.9
057.0	007.0000	0464.3	056.5	230.2	013.0000	0400.5	087.4	53.8
058.0	007.0000	0464.2	056.4	229.5	013.0000	0400.5	087.5	53.8
059.0	007.0000	0464.1	056.4	228.9	013.0000	0400.4	087.7	53.7
060.0	007.0000	0464.0	056.4	228.3	013.0000	0400.3	087.9	53.7
061.0	007.0000	0464.0	056.4	227.6	013.0000	0400.3	088.1	53.6
062.0	007.0000	0464.0	056.4	227.0	013.0000	0400.3	088.3	53.5



**INTERIM/INDEPENDENT FACILITY APPLICATION**  
**CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.**

**WPOZ RADIO STATION**  
**CH 202C1 - 88.3 MHZ - 13.0 KW**  
**UNION PARK, FLORIDA**  
**October 2008**

**EXHIBIT A7**

WPOZ - Interim/Independent Facility  
Channel = 202C1  
Max ERP = 13 kW  
RCAMSL = 416 M  
N. Lat = 28 36 07  
W. Lng = 81 05 37

WMYZ - BLED-20020311AAU  
Channel = 204C3  
Max ERP = 5.5 kW  
RCAMSL = 147 M  
N. Lat = 28 38 56  
W. Lng = 81 43 56

Protected  
60 dBu

Interfering  
100 dBu

**30 second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
253.0	013.0000	0401.0	058.8	164.5	004.5529	0104.8	023.3	63.9
254.0	013.0000	0401.2	058.8	164.6	004.5374	0104.8	022.2	64.6
255.0	013.0000	0401.5	058.9	164.6	004.5274	0104.8	021.2	65.4
256.0	013.0000	0401.8	058.9	164.6	004.5251	0104.8	020.2	66.2
257.0	013.0000	0402.1	058.9	164.6	004.5323	0104.8	019.1	67.0
258.0	013.0000	0402.4	058.9	164.5	004.5535	0104.8	018.1	67.9
259.0	013.0000	0402.5	058.9	164.3	004.5974	0105.3	017.1	68.8
260.0	013.0000	0402.4	058.9	163.9	004.6672	0105.3	016.1	69.8
261.0	013.0000	0402.3	058.9	163.5	004.7642	0105.8	015.0	70.8
262.0	013.0000	0402.1	058.9	162.9	004.8903	0105.8	014.0	71.9
263.0	013.0000	0402.1	058.9	162.1	005.0450	0106.4	013.0	73.4
264.0	013.0000	0402.2	058.9	161.2	005.2485	0107.3	012.0	75.1
265.0	013.0000	0402.1	058.9	159.9	005.5000	0108.5	011.0	76.9
266.0	013.0000	0402.1	058.9	158.4	005.5000	0110.9	010.0	78.8
267.0	013.0000	0402.2	058.9	156.4	005.5000	0112.1	009.0	80.7
268.0	013.0000	0402.3	058.9	153.8	005.5000	0113.5	008.1	82.7
269.0	013.0000	0402.5	058.9	150.5	005.5000	0117.9	007.2	85.2
270.0	013.0000	0402.7	058.9	146.0	005.5000	0118.9	006.3	87.6
271.0	013.0000	0402.9	058.9	140.0	005.5000	0122.0	005.5	90.3
272.0	013.0000	0403.1	058.9	131.8	005.5000	0126.1	004.7	92.8
273.0	013.0000	0403.2	059.0	120.8	005.5000	0128.9	004.1	94.9
274.0	013.0000	0403.4	059.0	106.8	004.8260	0129.0	003.8	95.8
275.0	013.0000	0403.6	059.0	091.0	002.3631	0129.0	003.7	93.1
276.0	013.0000	0403.8	059.0	075.6	001.3155	0129.0	003.9	89.7
277.0	013.0000	0404.0	059.0	062.7	000.9401	0128.2	004.4	86.5
278.0	013.0000	0404.2	059.0	052.8	000.8800	0128.1	005.0	84.1
279.0	013.0000	0404.4	059.0	045.6	000.8800	0125.5	005.8	81.6
280.0	013.0000	0404.4	059.0	040.3	000.8800	0126.2	006.6	79.2
281.0	013.0000	0404.4	059.0	036.3	000.8800	0125.4	007.5	76.8
282.0	013.0000	0404.4	059.0	033.4	000.8800	0126.4	008.5	74.9
283.0	013.0000	0404.4	059.0	031.1	000.8800	0127.2	009.4	73.0
284.0	013.0000	0404.6	059.0	029.3	000.8800	0127.3	010.4	71.3
285.0	013.0000	0404.7	059.0	028.0	000.8800	0127.0	011.4	69.6
286.0	013.0000	0404.8	059.1	026.9	000.8800	0126.6	012.4	68.1
287.0	013.0000	0405.0	059.1	026.0	000.8800	0126.2	013.4	66.7
288.0	013.0000	0405.1	059.1	025.4	000.8800	0126.0	014.5	65.4
289.0	013.0000	0405.2	059.1	024.9	000.8800	0126.0	015.5	64.5
290.0	013.0000	0405.2	059.1	024.5	000.8800	0126.0	016.5	63.7

**INTERIM/INDEPENDENT FACILITY APPLICATION**  
**CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.**

**WPOZ RADIO STATION**  
**CH 202C1 - 88.3 MHZ - 13.0 KW**  
**UNION PARK, FLORIDA**

**October 2008**

**EXHIBIT A8**

WMYZ - BLED-20020311AAU  
Channel = 204C3  
Max ERP = 5.5 kW  
RCAMSL = 147 M  
N. Lat = 28 38 56  
W. Lng = 81 43 56

WPOZ - Interim/Independent Facility  
Channel = 202C1  
Max ERP = 13 kW  
RCAMSL = 416 M  
N. Lat = 28 36 07  
W. Lng = 81 05 37

Protected  
60 dBu

Interfering  
100 dBu

**30 second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
081.0	001.5566	0129.0	023.4	282.8	013.0000	0404.4	040.3	71.0
082.0	001.6276	0129.0	023.6	282.4	013.0000	0404.4	040.0	71.1
083.0	001.7002	0129.0	023.8	282.0	013.0000	0404.4	039.6	71.3
084.0	001.7744	0129.0	024.1	281.5	013.0000	0404.4	039.3	71.5
085.0	001.8502	0129.0	024.3	281.0	013.0000	0404.4	038.9	71.6
086.0	001.9276	0129.0	024.5	280.5	013.0000	0404.4	038.6	71.8
087.0	002.0065	0129.0	024.7	279.9	013.0000	0404.4	038.3	71.9
088.0	002.0870	0129.0	025.0	279.3	013.0000	0404.4	038.0	72.0
089.0	002.1691	0129.0	025.2	278.7	013.0000	0404.4	037.7	72.2
090.0	002.2528	0129.0	025.4	278.1	013.0000	0404.2	037.4	72.3
091.0	002.3668	0129.0	025.7	277.5	013.0000	0404.0	037.1	72.4
092.0	002.4837	0129.0	025.9	276.8	013.0000	0404.0	036.8	72.6
093.0	002.6034	0129.0	026.2	276.1	013.0000	0403.8	036.5	72.7
094.0	002.7259	0129.0	026.5	275.4	013.0000	0403.6	036.2	72.8
095.0	002.8512	0129.0	026.7	274.7	013.0000	0403.6	035.9	73.0
096.0	002.9793	0129.0	027.0	273.9	013.0000	0403.4	035.7	73.1
097.0	003.1103	0129.0	027.3	273.1	013.0000	0403.2	035.4	73.2
098.0	003.2440	0129.0	027.5	272.3	013.0000	0403.1	035.2	73.3
099.0	003.3806	0129.0	027.8	271.5	013.0000	0402.9	035.0	73.4
100.0	003.5200	0129.0	028.0	270.6	013.0000	0402.9	034.9	73.4
101.0	003.6982	0129.0	028.3	269.7	013.0000	0402.7	034.6	73.5
102.0	003.8808	0129.0	028.7	268.8	013.0000	0402.5	034.4	73.6
103.0	004.0678	0129.0	029.0	267.9	013.0000	0402.3	034.3	73.7
104.0	004.2592	0129.0	029.3	266.9	013.0000	0402.2	034.1	73.8
105.0	004.4550	0129.0	029.6	265.9	013.0000	0402.1	034.0	73.8
106.0	004.6552	0129.0	029.9	264.9	013.0000	0402.1	033.9	73.9
107.0	004.8598	0129.0	030.2	263.9	013.0000	0402.2	033.8	73.9
108.0	005.0688	0129.0	030.4	262.9	013.0000	0402.1	033.8	73.9
109.0	005.2822	0129.0	030.7	261.9	013.0000	0402.1	033.7	73.9
110.0	005.5000	0129.0	031.0	260.8	013.0000	0402.3	033.7	73.9
111.0	005.5000	0129.0	031.0	260.0	013.0000	0402.4	034.0	73.8
112.0	005.5000	0128.9	031.0	259.2	013.0000	0402.5	034.3	73.7
113.0	005.5000	0129.0	031.0	258.5	013.0000	0402.4	034.6	73.5
114.0	005.5000	0129.0	031.0	257.8	013.0000	0402.4	034.9	73.4
115.0	005.5000	0129.0	031.0	257.0	013.0000	0402.1	035.3	73.2
116.0	005.5000	0129.0	031.0	256.4	013.0000	0401.8	035.6	73.1



**INTERIM/INDEPENDENT FACILITY APPLICATION**  
**CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.**  
**WPOZ RADIO STATION**  
**CH 202C1 - 88.3 MHZ - 13.0 KW**  
**UNION PARK, FLORIDA**  
**October 2008**

**EXHIBIT A9**

WPOZ - Interim/Independent Facility  
Channel = 202C1  
Max ERP = 13 kW  
RCAMSL = 416 M  
N. Lat = 28 36 07  
W. Lng = 81 05 37

WMYZ.CP - BPED-20070906AET  
Channel = 204C3  
Max ERP = 7.2 kW  
RCAMSL = 141 M  
N. Lat = 28 38 56  
W. Lng = 81 44 09

Protected  
60 dBu

Interfering  
100 dBu

**30 second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
254.0	013.0000	0401.2	058.8	163.7	002.4676	0098.2	022.3	61.3
255.0	013.0000	0401.5	058.9	163.7	002.4667	0098.2	021.3	62.1
256.0	013.0000	0401.8	058.9	163.7	002.4702	0098.2	020.3	62.9
257.0	013.0000	0402.1	058.9	163.6	002.4791	0098.2	019.2	63.8
258.0	013.0000	0402.4	058.9	163.4	002.4955	0098.8	018.2	64.7
259.0	013.0000	0402.5	058.9	163.2	002.5242	0098.8	017.2	65.6
260.0	013.0000	0402.4	058.9	162.7	002.5669	0098.8	016.2	66.5
261.0	013.0000	0402.3	058.9	162.2	002.6243	0099.3	015.1	67.5
262.0	013.0000	0402.1	058.9	161.5	002.6977	0099.8	014.1	68.7
263.0	013.0000	0402.1	058.9	160.7	002.7871	0099.8	013.1	70.1
264.0	013.0000	0402.2	058.9	159.6	002.9145	0100.5	012.1	71.8
265.0	013.0000	0402.1	058.9	158.2	003.1033	0102.7	011.1	73.8
266.0	013.0000	0402.1	058.9	156.5	003.3519	0103.8	010.2	75.8
267.0	013.0000	0402.2	058.9	154.4	003.6746	0105.6	009.2	78.1
268.0	013.0000	0402.3	058.9	151.6	004.1110	0107.4	008.3	80.6
269.0	013.0000	0402.5	058.9	148.1	004.7550	0111.9	007.4	83.6
270.0	013.0000	0402.7	058.9	143.4	005.7240	0112.7	006.5	86.8
271.0	013.0000	0402.9	058.9	137.3	006.6474	0116.7	005.7	90.0
272.0	013.0000	0403.1	058.9	129.1	007.2000	0121.1	005.0	92.8
273.0	013.0000	0403.2	059.0	118.5	006.8154	0122.9	004.5	94.4
274.0	013.0000	0403.4	059.0	105.4	004.2131	0122.9	004.1	93.6
275.0	013.0000	0403.6	059.0	090.9	002.5112	0123.0	004.0	91.6
276.0	013.0000	0403.8	059.0	076.8	001.4203	0123.0	004.2	88.4
277.0	013.0000	0404.0	059.0	064.7	001.0361	0122.4	004.7	85.5
278.0	013.0000	0404.2	059.0	055.1	000.9857	0122.6	005.3	83.4
279.0	013.0000	0404.4	059.0	047.9	000.9857	0120.2	006.0	81.0
280.0	013.0000	0404.4	059.0	042.5	000.9857	0120.2	006.9	78.7
281.0	013.0000	0404.4	059.0	038.4	001.0024	0119.8	007.8	76.5
282.0	013.0000	0404.4	059.0	035.3	001.0362	0120.3	008.7	74.8
283.0	013.0000	0404.4	059.0	032.9	001.0627	0121.0	009.6	73.1
284.0	013.0000	0404.6	059.0	031.0	001.0839	0121.2	010.6	71.5
285.0	013.0000	0404.7	059.0	029.5	001.1151	0120.8	011.6	70.0
286.0	013.0000	0404.8	059.1	028.3	001.1629	0120.4	012.6	68.6
287.0	013.0000	0405.0	059.1	027.4	001.2014	0120.0	013.6	67.4
288.0	013.0000	0405.1	059.1	026.6	001.2319	0120.0	014.6	66.3
289.0	013.0000	0405.2	059.1	026.1	001.2554	0119.9	015.6	65.5
290.0	013.0000	0405.2	059.1	025.6	001.2733	0119.9	016.7	64.7
291.0	013.0000	0405.2	059.1	025.3	001.2867	0120.1	017.7	64.0

**INTERIM/INDEPENDENT FACILITY APPLICATION**  
**CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.**  
**WPOZ RADIO STATION**  
**CH 202C1 - 88.3 MHZ - 13.0 KW**  
**UNION PARK, FLORIDA**  
**October 2008**

**EXHIBIT A10**

WMYZ.CP - BPED-20070906AET  
Channel = 204C3  
Max ERP = 7.2 kW  
RCAMSL = 141 M  
N. Lat = 28 38 56  
W. Lng = 81 44 09

WPOZ - Interim/Independent Facility  
Channel = 202C1  
Max ERP = 13 kW  
RCAMSL = 416 M  
N. Lat = 28 36 07  
W. Lng = 81 05 37

Protected  
60 dBu

Interfering  
100 dBu

**30 second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
088.0	002.2418	0123.0	024.9	279.2	013.0000	0404.4	038.4	71.8
089.0	002.3311	0123.0	025.1	278.6	013.0000	0404.4	038.1	72.0
090.0	002.4221	0123.0	025.3	278.0	013.0000	0404.2	037.9	72.1
091.0	002.5233	0123.0	025.5	277.4	013.0000	0404.0	037.6	72.2
092.0	002.6267	0123.0	025.8	276.7	013.0000	0404.0	037.3	72.3
093.0	002.7321	0123.0	026.0	276.1	013.0000	0403.8	037.1	72.4
094.0	002.8396	0123.0	026.2	275.4	013.0000	0403.6	036.8	72.5
095.0	002.9491	0123.0	026.4	274.7	013.0000	0403.6	036.6	72.6
096.0	003.0607	0123.0	026.7	273.9	013.0000	0403.4	036.4	72.7
097.0	003.1745	0123.0	026.9	273.2	013.0000	0403.2	036.2	72.8
098.0	003.2902	0123.0	027.1	272.4	013.0000	0403.1	036.0	72.9
099.0	003.4081	0123.0	027.3	271.6	013.0000	0403.1	035.9	73.0
100.0	003.5280	0123.0	027.5	270.8	013.0000	0402.9	035.7	73.0
101.0	003.6500	0122.9	027.7	269.9	013.0000	0402.7	035.6	73.1
102.0	003.7741	0122.9	027.9	269.1	013.0000	0402.5	035.5	73.1
103.0	003.9002	0122.9	028.1	268.3	013.0000	0402.3	035.4	73.2
104.0	004.0284	0122.9	028.3	267.4	013.0000	0402.2	035.4	73.2
105.0	004.1587	0122.9	028.5	266.5	013.0000	0402.2	035.3	73.2
106.0	004.2911	0122.9	028.7	265.6	013.0000	0402.1	035.3	73.2
107.0	004.4255	0122.9	028.9	264.8	013.0000	0402.1	035.3	73.2
108.0	004.5620	0122.9	029.1	263.9	013.0000	0402.2	035.3	73.2
109.0	004.7006	0122.9	029.3	263.0	013.0000	0402.1	035.4	73.2
110.0	004.8413	0122.9	029.5	262.1	013.0000	0402.1	035.4	73.2
111.0	005.0562	0122.9	029.8	261.1	013.0000	0402.3	035.4	73.2
112.0	005.2757	0122.9	030.1	260.2	013.0000	0402.4	035.4	73.2
113.0	005.4999	0122.9	030.4	259.2	013.0000	0402.5	035.5	73.1
114.0	005.7288	0122.9	030.7	258.2	013.0000	0402.4	035.5	73.1
115.0	005.9623	0122.9	031.0	257.2	013.0000	0402.1	035.6	73.1
116.0	006.2005	0122.9	031.3	256.2	013.0000	0401.8	035.7	73.0
117.0	006.4434	0122.9	031.6	255.3	013.0000	0401.5	035.9	72.9
118.0	006.6909	0122.9	031.9	254.3	013.0000	0401.2	036.1	72.8
119.0	006.9431	0122.9	032.1	253.4	013.0000	0401.0	036.2	72.7
120.0	007.2000	0122.8	032.4	252.4	013.0000	0400.9	036.5	72.6
121.0	007.2000	0122.8	032.4	251.8	013.0000	0400.9	036.9	72.4
122.0	007.2000	0122.6	032.4	251.3	013.0000	0400.9	037.3	72.2
123.0	007.2000	0122.5	032.4	250.8	013.0000	0400.9	037.8	72.0
124.0	007.2000	0122.5	032.4	250.3	013.0000	0400.9	038.2	71.8
125.0	007.2000	0122.4	032.4	249.8	013.0000	0400.9	038.7	71.6



**INTERIM/INDEPENDENT FACILITY APPLICATION**  
**CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.**

**WPOZ RADIO STATION**  
**CH 202C1 - 88.3 MHZ - 13.0 KW**  
**UNION PARK, FLORIDA**  
**October 2008**

**EXHIBIT A11**

Predicted contours:

N. Lat. = 28 36 07.0 - Tabulated Protected and Interfering Contour Data  
W. Lng. = 81 05 37.0 - WPOZ Radio Station - Union Park, Florida

HAAT and Distance to Contour - FCC Method - NGDC 30 Second terrain database  
Azi. HAAT ERP kW dBk Field 60-F5 40-F1 54-F1 100-F1

000	408.8	13.0000	11.14	1.000	59.28	139.71	87.67	5.97
010	412.9	13.0000	11.14	1.000	59.51	140.19	88.08	5.98
020	413.7	13.0000	11.14	1.000	59.56	140.29	88.16	5.98
030	414.2	13.0000	11.14	1.000	59.59	140.35	88.21	5.99
040	413.9	13.0000	11.14	1.000	59.57	140.31	88.18	5.99
050	413.1	13.0000	11.14	1.000	59.52	140.21	88.10	5.98
060	413.6	13.0000	11.14	1.000	59.55	140.27	88.14	5.98
070	413.3	13.0000	11.14	1.000	59.53	140.24	88.12	5.98
080	413.4	13.0000	11.14	1.000	59.54	140.24	88.12	5.98
090	413.2	13.0000	11.14	1.000	59.53	140.23	88.11	5.98
100	412.9	13.0000	11.14	1.000	59.51	140.19	88.08	5.98
110	411.4	13.0000	11.14	1.000	59.43	140.02	87.93	5.98
120	409.1	13.0000	11.14	1.000	59.29	139.75	87.71	5.97
130	406.6	13.0000	11.14	1.000	59.15	139.46	87.47	5.96
140	403.8	13.0000	11.14	1.000	58.99	139.12	87.18	5.95
150	400.2	13.0000	11.14	1.000	58.79	138.70	86.84	5.93
160	398.9	13.0000	11.14	1.000	58.71	138.55	86.71	5.93
170	399.1	13.0000	11.14	1.000	58.73	138.58	86.74	5.93
180	401.2	13.0000	11.14	1.000	58.84	138.82	86.94	5.94
190	401.7	13.0000	11.14	1.000	58.87	138.88	86.99	5.94
200	402.4	13.0000	11.14	1.000	58.91	138.96	87.05	5.94
210	401.3	13.0000	11.14	1.000	58.85	138.84	86.95	5.94
220	400.6	13.0000	11.14	1.000	58.81	138.75	86.88	5.94
230	400.3	13.0000	11.14	1.000	58.79	138.71	86.85	5.94
240	400.9	13.0000	11.14	1.000	58.83	138.79	86.91	5.94
250	400.7	13.0000	11.14	1.000	58.82	138.77	86.89	5.94
260	402.2	13.0000	11.14	1.000	58.90	138.94	87.03	5.94
270	402.5	13.0000	11.14	1.000	58.92	138.97	87.06	5.94
280	404.2	13.0000	11.14	1.000	59.01	139.17	87.22	5.95
290	405.0	13.0000	11.14	1.000	59.06	139.26	87.30	5.95
300	402.1	13.0000	11.14	1.000	58.89	138.93	87.02	5.94
310	405.4	13.0000	11.14	1.000	59.08	139.31	87.34	5.95
320	407.7	13.0000	11.14	1.000	59.21	139.57	87.56	5.96
330	408.6	13.0000	11.14	1.000	59.26	139.68	87.65	5.97
340	406.0	13.0000	11.14	1.000	59.12	139.38	87.40	5.96
350	404.4	13.0000	11.14	1.000	59.02	139.19	87.24	5.95

AMSL= 415.8 M