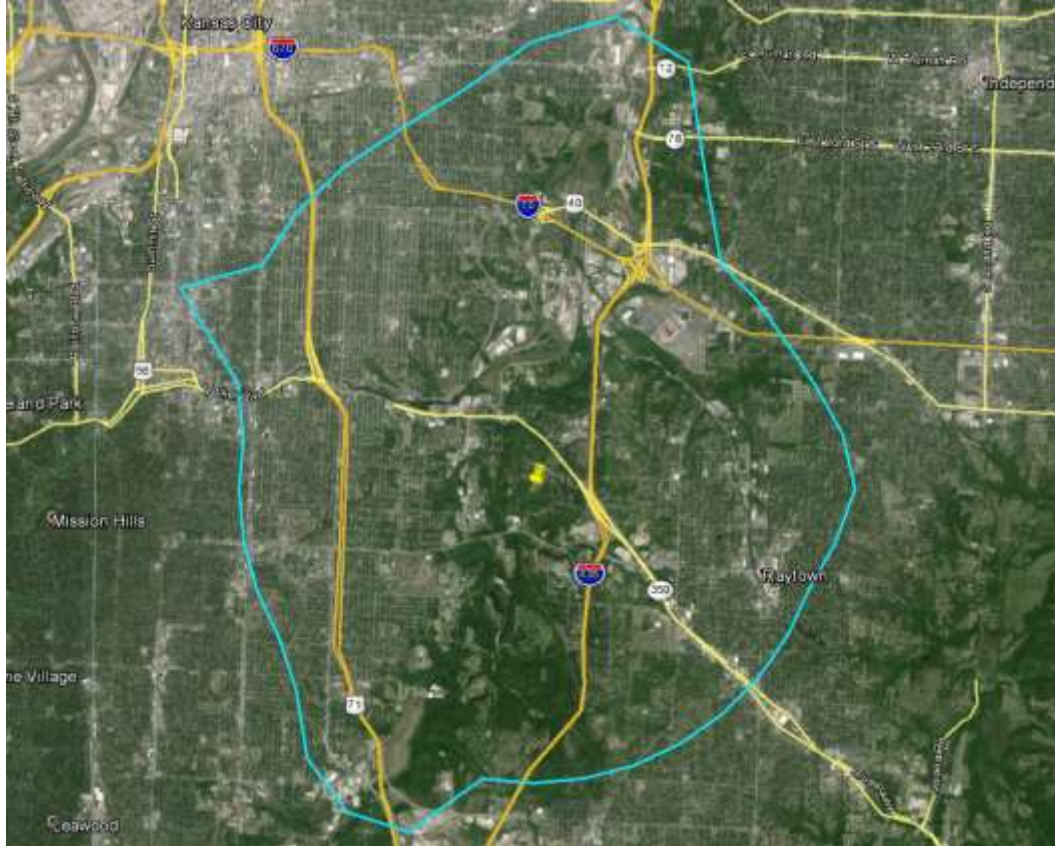




**REC Networks**  
 11541 Riverton Wharf Rd.  
 Mardela Springs, MD 21837  
 844.REC.LPFM/202.621.2355  
 recnet.com

Amendment for NEW-LP  
**KANSAS CITY, MO**  
**AOT DELTA, INC.**  
**BNPL-20131114BTE**

## PROPOSED 60dBu F(50, 50) SERVICE CONTOUR



KANSAS CITY, MO - Channel: 261L1 (100.1 MHz) ~ ERP: 0.089 kW (5.635 km)  
 Elev: 270.1 meters ~ RCAGL: 37 meters ~ RCAMSL: 307.1 meters ~ HAAT: 32 meters  
 ASRN: 1064715 – Overall tower height: 353 meters

RADIAL	ERP	RAD	HAAT	KM	MILES	RADIAL	ERP	RAD	HAAT	KM	MILES
0	0.089	1.000	70.1	8.374	5.203	180	0.089	1.000	15.1	5.471	3.400
10	0.089	1.000	79.9	8.965	5.571	190	0.089	1.000	23.6	5.471	3.400
20	0.089	1.000	72.0	8.492	5.277	200	0.089	1.000	46.6	6.780	4.213
30	0.089	1.000	43.3	6.520	4.051	210	0.089	1.000	48.9	6.951	4.319
40	0.089	1.000	22.1	5.471	3.400	220	0.089	1.000	43.7	6.553	4.072
50	0.089	1.000	18.2	5.471	3.400	230	0.089	1.000	33.7	5.772	3.587
60	0.089	1.000	24.2	5.471	3.400	240	0.089	1.000	18.3	5.471	3.400
70	0.089	1.000	31.8	5.619	3.491	250	0.089	1.000	2.7	5.471	3.400
80	0.089	1.000	34.9	5.866	3.645	260	0.089	1.000	9.1	5.471	3.400
90	0.089	1.000	36.7	6.003	3.730	270	0.089	1.000	15.4	5.471	3.400
100	0.089	1.000	33.1	5.724	3.557	280	0.089	1.000	26.7	5.471	3.400
110	0.089	1.000	29.7	5.471	3.400	290	0.089	1.000	34.6	5.842	3.630
120	0.089	1.000	27.1	5.471	3.400	300	0.089	1.000	57.4	7.563	4.699
130	0.089	1.000	23.9	5.471	3.400	310	0.089	1.000	43.7	6.553	4.072
140	0.089	1.000	25.3	5.471	3.400	320	0.089	1.000	46.7	6.787	4.217
150	0.089	1.000	28.1	5.471	3.400	330	0.089	1.000	49.2	6.972	4.332
160	0.089	1.000	28.1	5.471	3.400	340	0.089	1.000	51.7	7.162	4.450
170	0.089	1.000	21.0	5.471	3.400	350	0.089	1.000	57.2	7.549	4.691

R E C NETWORKS  
CHANNEL REPORT

NAD27 LATITUDE: 39 - 01' 20.3" - LONGITUDE: 94 - 30' 46.8"  
CHANNEL: 261 - CLASS: LPFM(LP-100)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
207	89.3	KCUR-FM : THE CURATORS OF THE UNIVERSITY OF MISSOURI * Station carries radio reading service.	KANSAS CITY	MO C1	7.3	0.0	7.3	22.8
258	99.5	NEW : ROBERT YOUNG	AMERICUS	KS A	169.0	0.0	169.0	241.7
258	99.5	WCOY : STARADIO CORP.	QUINCY	IL C1	271.9	0.0	271.9	66.9
258	99.5	KUTT : SIEBERT COMMUNICATIONS, INC.	FAIRBURY	NE C1	247.7	0.0	247.7	302.1
259	99.7	KZPT : ENTERCOM LICENSE, LLC	KANSAS CITY	MO C0	0.0	84.0	-84.0	260.8
261	100.1	KKWK : CAMERON/BETHANY LICENSE CO, LLC	CAMERON	MO C2	109.4	91.0	18.4	18.0
261	100.1	KBBM : CUMULUS LICENSING LLC	JEFFERSON CITY	MO C2	191.2	91.0	100.2	106.2
262	100.3	K262CF : EDUCATIONAL MEDIA FOUNDATION	KANSAS CITY	KS D	27.3	15.0	12.3	290.8
262	100.3	KDVV : CUMULUS LICENSING LLC	TOPEKA	KS C0	121.4	111.0	10.4	266.7
262	100.3	KDVV : CUMULUS LICENSING LLC	TOPEKA	KS C	121.4	120.0	1.4	266.8
264	100.7	KMZU : KANZA, INC.	CARROLLTON	MO C1	103.2	0.0	103.2	67.9
264	100.7	KSHQ : PARKER, PATRICK	DEERFIELD	MO C3	145.3	0.0	145.3	185.3
264	100.7	KLHM-LP : LIGHTHOUSE RADIO MINISTRY, INC.	ST. JOSEPH	MO L1	85.6	0.0	85.6	340.9
264	100.7	KGBI-FM : PENNSYLVANIA MEDIA ASSOCIATES, INC.	OMAHA	NE C0	285.0	0.0	285.0	333.6

## **LPFM SECOND ADJACENT CHANNEL WAIVER STUDY**

Kansas City, MO  
Channel 261L1 (100.1 MHz)

Based on a study performed by Michelle Bradley of REC Networks, it has been determined that this proposed site qualifies for a second adjacent waiver as specified in Section 73.807(e) of the Commission's Rules.

Station KZPT (Facility ID # 6379) Kansas City, MO operates on Channel 259C0. KZPT operates 98.5 kW ERP at 337.8 meters HAAT.

The proposed LPFM station is co-located on the same tower with KZPT.

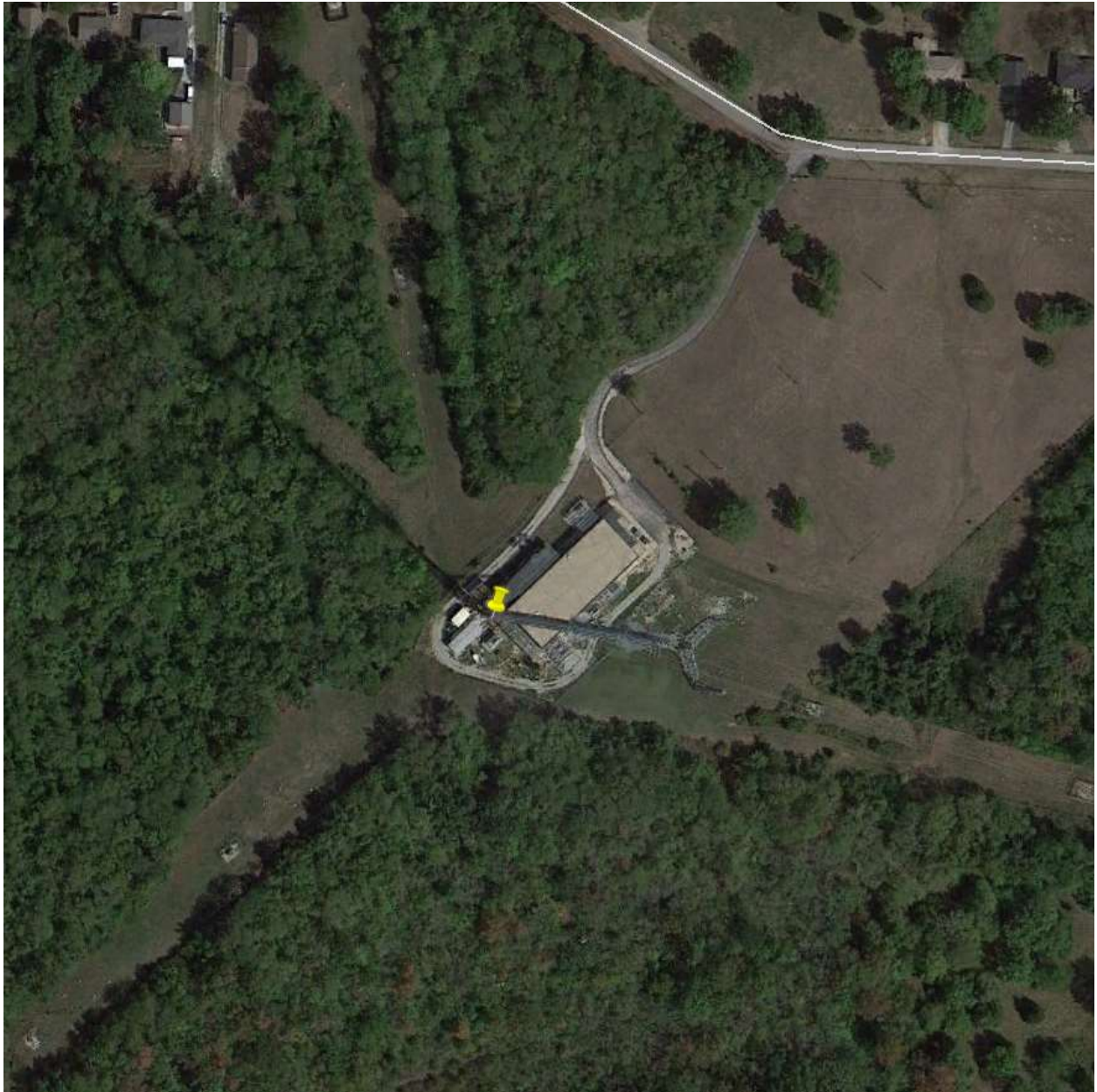
Because of this co-location, there is no undesired interference generated by the proposed LPFM station in respect to KZPT.

Therefore, based on the information presented, REC submits that the proposed LPFM station will not create any interference to existing or potential listeners of second adjacent channel station KZPT.

The applicant requests a waiver of §73.807 of the Commission's Rules in respect to KZPT.

Report completed by  
Michelle Eyre Bradley  
Founder, REC Networks  
January 15, 2014

Tower site of proposed LPFM station and co-located second-adjacent channel station KZPT.



FCC HAAT website for the proposed LPFM site to show the HAAT computed by REC.

#### **Antenna Height Above Average Terrain Calculations -- Input**

Latitude **39 1 20.3 North**  
Longitude **94 30 46.8 West** (NAD 27)

Height of antenna radiation center above mean sea level [RCAMSL] = **307.1** meters

Number of Evenly Spaced Radials = 8      0° is referenced to True North

#### **Results:**

**Calculated HAAT= 32. meters**

(Antenna Height Above Average Terrain)  
using the 30 second FCC/NGDC terrain data)

#### **Antenna Radiation Center Heights Above Individual Radials:**

0.0°	69.5 meters
45.0°	16.7 meters
90.0°	35.8 meters
135.0°	20.9 meters
180.0°	14.1 meters
225.0°	38.0 meters
270.0°	14.5 meters
315.0°	44.8 meters