

MINOR MODIFICATION TO K274BR CONTINGENT APPLICATION WITH BPFT-20100422ADT AMENDMENT

This technical report has been developed in support of a minor modification to licensed translator K274BR (facility ID # 143354). The application is filed contingent with an amendment to a pending application by K273BE (BPFT-20100422ADT) which changes channel to 275 accommodating this K274BR application. The K274BR facility will be moved to a new tower location (ASR#1064715) as a fill in translator for FM station KCMO-FM's HD2 signal with an ERP of 250 watts. Exhibit E2 demonstrates 60 dBu overlap with the licensed facility and that the proposed 60 dBu is contained within the KCMO-FM 60 dBu.

The data for all terrain utilized in this report and application exhibits were obtained from the V-Soft FMCommander and Probe 3 computer program utilizing the USGS 3 second terrain database. The following exhibits are provided to support the modification of the facility:

- E1 Channel Overlap Study**
- E1A,B Interference analyses**
- E2 K274BR existing, proposed and KCMO-FM 60 dBu plots**
- E3 HAAT Calculation**
- E4 Aerial photo of tower site**
- E5 Tower ASR**

Allocation analysis and KCKC interference calculation:

Exhibits E1, E1A and E1B demonstrate that the proposed facility does not cause interference to any protected facilities. The Edgewater applications on 273D at Kansas City (BNPFT-20030317FXX) and 273D at Cameron (BPFT-20030317FWW) have been dismissed in separate actions.

The proposed K274BR channel 273 facility will be located well inside KCKC 60 dBu contour. Therefore, the interference ratio is utilized to determine the actual K274BR interference contours, in accordance with FCC-02-244, paragraph 12. Exhibit E1A shows that KCKC on 2nd adjacent channel 271 places a 104 dBu (50, 50) contour at the proposed site. Adding the 40 dBu 3rd adjacent channel interference ratio yields an interfering contour of 144 dBu (50, 10) at 7 meters.

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Therefore, given the radiation center height above ground of 351 meters, the 200 meters plus clearance to the nearest road and the lack of any tall buildings nearby (see aerial photograph at E4) it is obvious that the interference contour will not reach the ground or encompass any buildings or roads where radio reception is possible. **A waiver of section 74.1204 is requested in accordance with well-established Commission precedent.**

K274BR Antenna and RF exposure calculation:

K274BR will combined with K279BI at a COR AGL of 351meters on an existing tower, ASR no. 1064715, using a one bay Shively 6014-1/3 panel antenna at coordinates:

39-01-20 N 94-30-49 W (NAD 27).


The RF contribution from the 0.250 kW facility was evaluated using the formula:

$$S \text{ (RF in microwatts/cm}^2\text{)} = \frac{33.4 (F2 - \text{Vert Factor}) X (H \text{ ERP} + V \text{ ERP in watts})}{R^2 \text{ (distance to radiation center in meters)}}.$$

Based on a worst case F factor of 1.0, the RF contribution was calculated to be 0.14 $\mu\text{Watts/cm}^2$ or 0.07% of the general public exposure limit, and well below the 5% level that is excluded from consideration.

Conclusion:

It is concluded that the minor modification of K274BR will comply with all Commission rules and policies.


Charles M. Anderson 6-30-2010
1519 Euclid Avenue
Bowling Green, KY 42103
270-782-0246

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E1 CHANNEL STUDY

REFERENCE CH# 273D - 102.5 MHz, Pwr= 0.25 kW, HAAT= 346.4 M, COR= 621 M DISPLAY DATES
 39 01 20.0 N. Average Protected F(50-50)= 24.2 km DATA 06-24-10
 94 30 49.0 W. Omni-directional SEARCH 06-30-10

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*
273D Kansas City	641957	APP MO	C	4.3 184.3	18.0 BNPFT20030317FXX	39 11 00.7 94 29 52.9	0.075	40.9	12.3	-48.4*<	-70.6<(1) Edgewater Broadcasting, In

(1) Dismissed in separate action.

271C0 Kansas City	KCKC	LIC MO	C	25.5 205.5	8.4 BLH20010920AAG	39 05 26.0 94 28 18.0	100.000 341	10.9	76.0	-27.5*<	-68.7*<(2) Wilks License Company-kans
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(2) See interference analysis in technical report and EIC.

273D Richmond	K273BE	LIC MO	C	58.0 238.3	57.7 BLFT20070920ADB	39 17 47.0 93 56 41.0	0.093	27.4	8.3	6.6	-21.7<(3) Alpine Broadcasting Corpor
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(3) Pending application to channel 274 amended to channel 275 in contingent application.

274D Bonner Springs	K274BR	LIC KS	C	292.5 112.4	25.2 BLFT20061221ACI	39 06 32.0 94 47 01.0	0.077	14.6	10.4	-13.5<	-21.7< Horizon Christian Fellowsh
273D Cameron	641944	APP MO	C	20.8 201.0	78.6 BNPFT20030317FWW	39 40 58.0 94 11 16.2	0.140	36.8	10.8	16.6	-7.9< (4) Edgewater Broadcasting, In

(4) Dismissed in separate action.

274D Richmond	K273BE	APP MO	V	51.7 232.0	41.8 BPFT20100422ADT	39 15 16.0 94 07 57.0	0.200	18.0	12.2	0.2<	-5.9<(3) Alpine Broadcasting Corpor
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(3) Same as 3 above. Amended to channel 275. See below (*).

273D St. Joseph	K273BF	LIC MO	C	341.0 160.8	85.6 BLFT20070920ABF	39 45 00.0 94 50 25.0	0.170	33.4	10.0	27.6	1.8 Educational Media Foundati
273A Chillicothe	R12895	RSV MO		42.6 223.1	109.9	39 44 50.0 93 38 38.0	6.000 100	84.5	26.6	1.9	12.8 335
220C3 Liberty	KWJC	LIC MO	DCX	43.5 223.6	15.5 BLED20090528AKW	39 07 23.0 94 23 24.0	7.000 190	0.0	0.0	11.5R	4.0M William Jewell College
275D Richmond	K273BE	APP MO	V	51.7 232.0	41.8 BPFT20100422ADT	39 15 16.0 94 07 57.0	0.250	1.1	12.9	17.1	27.8(*) Alpine Broadcasting Corpor
273C1 Joplin	KIXQ	LIC MO	CX	181.4 1.4	214.1 BLH20060106ABQ	37 05 49.0 94 34 25.0	100.000 278	170.9	71.5	19.7	71.9 Zimmer Radio, Inc.
273C1 North Fort Riley	KBLS	LIC KS	CN	268.4 87.0	197.4 BLH19921230KB	38 57 05.0 96 47 45.0	100.000 150	151.5	55.7	22.5	71.4 Mcc Radio, Llc
275C1 Marshall	KMMO-FM	LIC MO	CN	83.2 264.0	112.2 BLH19931213KB	39 08 03.0 93 13 19.0	100.000 116	6.0	51.9	82.1	59.1 Missouri Valley Broadcasti

Terrain database is USGS 03 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
 Reference station has protected zone issue: AM tower

E1A

K274BR

Latitude: 39-01-20 N

Longitude: 094-30-49 W

ERP: 0.25 kW

HAAT: 349.27 m

Channel: 273

Frequency: 102.5 MHz

RCAMSL Height: 621.0 m

Site Elevation: 270.0 m

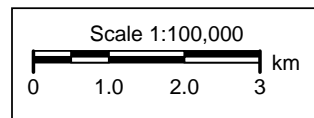
Horiz. Pattern: Omni

KCKC

K274BR

**KCKC FCC (50, 50) AT PROPOSED
K274BR SITE = 104 DBU.**

**K274BR INTERFERENCE CONTOUR = 144 DBU = 7 METERS.
AT 351 AGL THE INTERFERENCE CONTOUR WILL
CLEARLY NOT REACH ANY MAJOR HIGHWAY OR
BUILDING.**

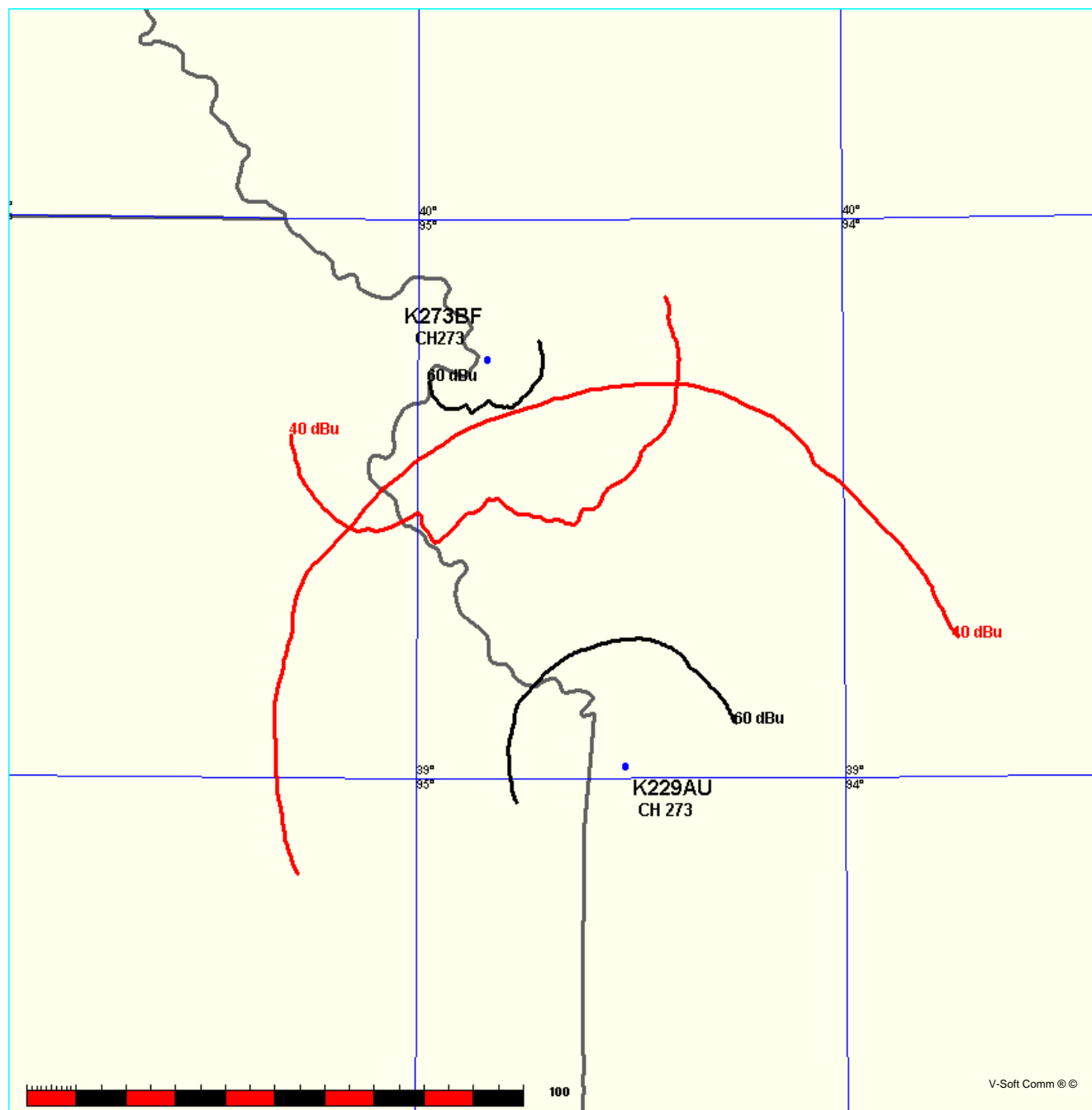


E1B K274BR - K273BF INTERFERENCE

FMCommander Single Allocation Study - 06-30-2010 - USGS 03 SEC
K274BR's Overlaps (In= 25.64 km, Out= 1.07 km)

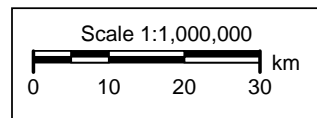
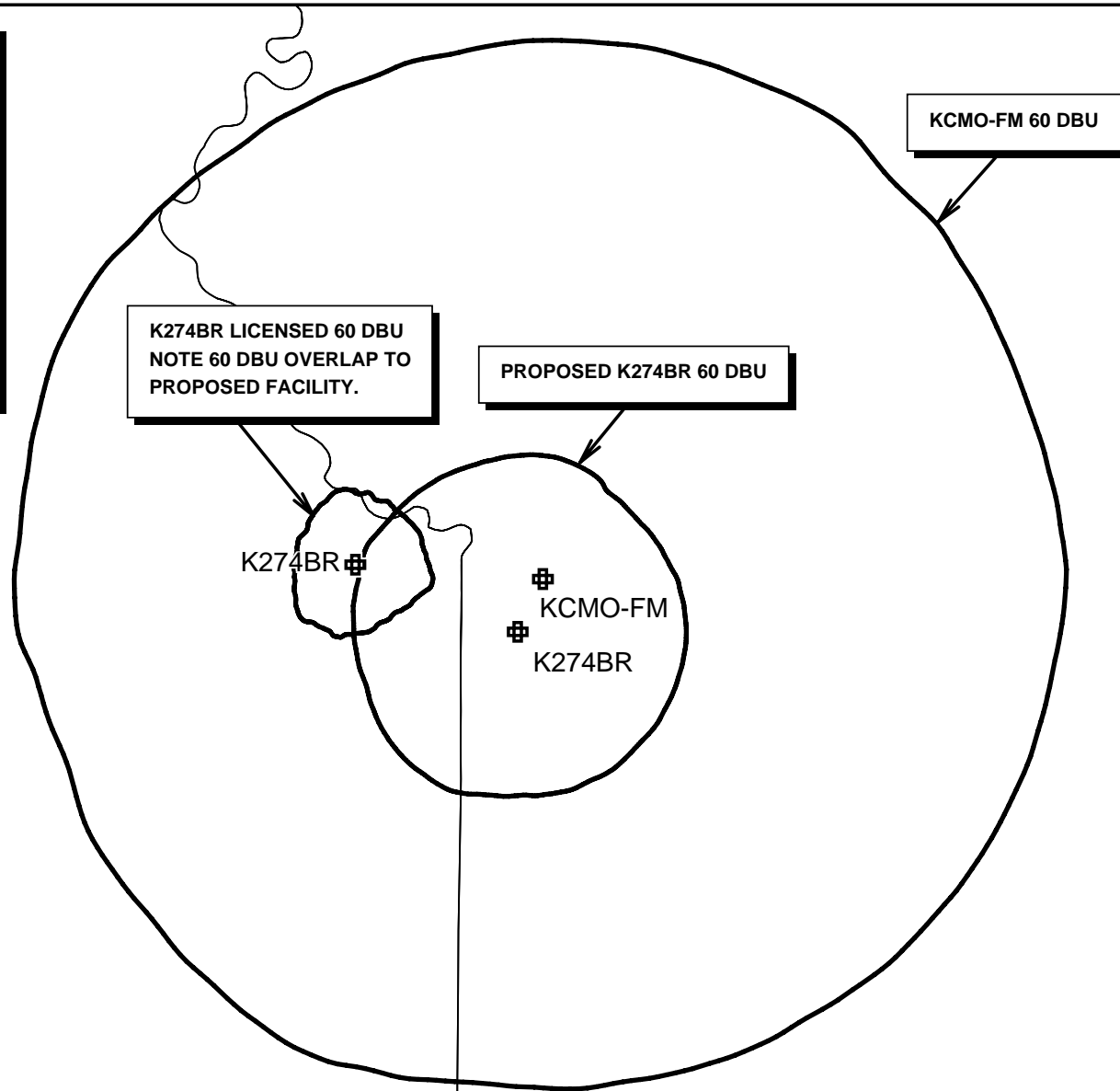
K274BR CH 273 D
Lat= 39 01 20.0, Lng= 94 30 49.0
0.25 kW 346.4 M HAAT, 621 M COR
Prot.= 60 dBu, Intef.= 40 dBu

K273BF CH 273 D BLFT20070920ABF
Lat= 39 45 00.0, Lng= 94 50 25.0
0.17 kW 0 M HAAT, 368 M COR
Prot.= 60 dBu, Intef.= 40 dBu



E2

K274BR
Latitude: 39-01-20 N
Longitude: 094-30-49 W
ERP: 0.25 kW
HAAT: 349.27 m
Channel: 273
Frequency: 102.7 MHz
RCAMSL Height: 621.0 m
Site Elevation: 270.0 m
Horiz. Pattern: Omni



E3

N. Lat. = 390120.0 W. Lng. = 943049.0

HAAT and Distance to Contour,

V-Soft 3-16 km, 131 pts Method - USGS 03 SEC

Azi. AV EL HAAT dBk 60-F5

000	240.5	380.5	-6.02	25.26
001	238.3	382.7	-6.02	25.32
002	236.7	384.3	-6.02	25.37
003	235.8	385.2	-6.02	25.40
004	234.6	386.4	-6.02	25.44
005	232.1	388.9	-6.02	25.51
006	230.8	390.2	-6.02	25.55
007	229.4	391.6	-6.02	25.59
008	228.4	392.6	-6.02	25.62
009	226.9	394.1	-6.02	25.67
010	227.3	393.7	-6.02	25.65
011	227.9	393.1	-6.02	25.64
012	228.4	392.6	-6.02	25.62
013	228.7	392.3	-6.02	25.61
014	229.3	391.7	-6.02	25.59
015	230.4	390.6	-6.02	25.56
016	232.2	388.8	-6.02	25.51
017	234.8	386.2	-6.02	25.43
018	237.6	383.4	-6.02	25.35
019	239.3	381.7	-6.02	25.30
020	240.4	380.6	-6.02	25.26
021	241.1	379.9	-6.02	25.24
022	241.6	379.4	-6.02	25.23
023	242.9	378.1	-6.02	25.19
024	245.1	375.9	-6.02	25.12
025	248.0	373.0	-6.02	25.03
026	251.2	369.8	-6.02	24.93
027	254.4	366.6	-6.02	24.83
028	258.0	363.0	-6.02	24.71
029	262.7	358.3	-6.02	24.56
030	268.5	352.5	-6.02	24.37
031	277.1	343.9	-6.02	24.08
032	286.7	334.3	-6.02	23.77
033	289.2	331.8	-6.02	23.68
034	287.9	333.1	-6.02	23.73
035	289.0	332.0	-6.02	23.69
036	289.2	331.8	-6.02	23.68
037	288.0	333.0	-6.02	23.72
038	288.0	333.0	-6.02	23.72
039	289.7	331.3	-6.02	23.66
040	290.9	330.1	-6.02	23.62
041	292.6	328.4	-6.02	23.56
042	294.0	327.0	-6.02	23.52
043	294.6	326.4	-6.02	23.49
044	295.2	325.8	-6.02	23.47
045	295.5	325.5	-6.02	23.46
046	295.9	325.1	-6.02	23.45

047	296.1	324.9	-6.02	23.44
048	295.4	325.6	-6.02	23.47
049	293.9	327.1	-6.02	23.52
050	293.0	328.0	-6.02	23.55
051	291.9	329.1	-6.02	23.59
052	291.3	329.7	-6.02	23.61
053	291.0	330.0	-6.02	23.62
054	290.9	330.1	-6.02	23.62
055	290.4	330.6	-6.02	23.64
056	289.6	331.4	-6.02	23.67
057	289.0	332.0	-6.02	23.69
058	288.5	332.5	-6.02	23.70
059	287.9	333.1	-6.02	23.72
060	288.9	332.1	-6.02	23.69
061	290.3	330.7	-6.02	23.64
062	291.0	330.0	-6.02	23.62
063	291.8	329.2	-6.02	23.59
064	290.0	331.0	-6.02	23.65
065	289.9	331.1	-6.02	23.66
066	289.9	331.1	-6.02	23.66
067	289.3	331.7	-6.02	23.68
068	287.3	333.7	-6.02	23.74
069	284.5	336.5	-6.02	23.84
070	282.9	338.1	-6.02	23.89
071	282.2	338.8	-6.02	23.92
072	281.2	339.8	-6.02	23.95
073	279.5	341.5	-6.02	24.01
074	278.8	342.2	-6.02	24.03
075	279.1	341.9	-6.02	24.02
076	279.9	341.1	-6.02	23.99
077	281.0	340.0	-6.02	23.96
078	279.9	341.1	-6.02	23.99
079	277.9	343.1	-6.02	24.06
080	274.7	346.3	-6.02	24.17
081	273.0	348.0	-6.02	24.22
082	274.9	346.1	-6.02	24.16
083	277.1	343.9	-6.02	24.09
084	277.7	343.3	-6.02	24.07
085	277.5	343.5	-6.02	24.07
086	276.7	344.3	-6.02	24.10
087	276.0	345.0	-6.02	24.12
088	275.1	345.9	-6.02	24.15
089	275.0	346.0	-6.02	24.16
090	274.7	346.3	-6.02	24.17
091	275.0	346.0	-6.02	24.16
092	275.6	345.4	-6.02	24.13
093	276.6	344.4	-6.02	24.10
094	277.0	344.0	-6.02	24.09
095	276.7	344.3	-6.02	24.10
096	275.8	345.2	-6.02	24.13
097	276.3	344.7	-6.02	24.11
098	277.7	343.3	-6.02	24.07
099	279.0	342.0	-6.02	24.02
100	279.3	341.7	-6.02	24.01
101	279.5	341.5	-6.02	24.00

102	281.9	339.1	-6.02	23.93
103	282.7	338.3	-6.02	23.90
104	282.8	338.2	-6.02	23.89
105	281.8	339.2	-6.02	23.93
106	281.1	339.9	-6.02	23.95
107	281.0	340.0	-6.02	23.96
108	281.2	339.8	-6.02	23.95
109	281.3	339.7	-6.02	23.94
110	281.8	339.2	-6.02	23.93
111	282.5	338.5	-6.02	23.91
112	283.0	338.0	-6.02	23.89
113	282.8	338.2	-6.02	23.90
114	282.1	338.9	-6.02	23.92
115	281.9	339.1	-6.02	23.93
116	282.8	338.2	-6.02	23.89
117	284.1	336.9	-6.02	23.85
118	284.9	336.1	-6.02	23.82
119	284.7	336.3	-6.02	23.83
120	283.4	337.6	-6.02	23.88
121	282.1	338.9	-6.02	23.92
122	281.5	339.5	-6.02	23.94
123	281.8	339.2	-6.02	23.93
124	282.2	338.8	-6.02	23.92
125	283.6	337.4	-6.02	23.87
126	286.2	334.8	-6.02	23.78
127	288.0	333.0	-6.02	23.72
128	289.1	331.9	-6.02	23.68
129	289.5	331.5	-6.02	23.67
130	289.9	331.1	-6.02	23.66
131	290.4	330.7	-6.02	23.64
132	290.9	330.1	-6.02	23.62
133	291.5	329.5	-6.02	23.60
134	291.2	329.8	-6.02	23.61
135	289.2	331.8	-6.02	23.68
136	288.0	333.0	-6.02	23.72
137	286.9	334.1	-6.02	23.76
138	286.3	334.7	-6.02	23.78
139	286.4	334.6	-6.02	23.78
140	286.1	334.9	-6.02	23.79
141	285.2	335.8	-6.02	23.82
142	283.9	337.1	-6.02	23.86
143	282.4	338.6	-6.02	23.91
144	281.2	339.8	-6.02	23.95
145	280.3	340.7	-6.02	23.98
146	279.7	341.3	-6.02	24.00
147	279.3	341.7	-6.02	24.01
148	279.9	341.1	-6.02	23.99
149	281.8	339.2	-6.02	23.93
150	283.9	337.1	-6.02	23.86
151	285.1	335.9	-6.02	23.82
152	286.1	334.9	-6.02	23.78
153	287.5	333.5	-6.02	23.74
154	287.8	333.2	-6.02	23.73
155	287.7	333.3	-6.02	23.73
156	287.1	333.9	-6.02	23.75

157	286.3	334.7	-6.02	23.78
158	285.3	335.7	-6.02	23.81
159	283.8	337.2	-6.02	23.86
160	283.0	338.0	-6.02	23.89
161	282.5	338.5	-6.02	23.91
162	282.3	338.7	-6.02	23.91
163	282.6	338.4	-6.02	23.90
164	284.3	336.7	-6.02	23.85
165	287.0	334.0	-6.02	23.76
166	288.1	332.9	-6.02	23.72
167	288.5	332.5	-6.02	23.70
168	289.6	331.4	-6.02	23.67
169	290.5	330.5	-6.02	23.64
170	291.3	329.7	-6.02	23.61
171	290.4	330.6	-6.02	23.64
172	290.8	330.2	-6.02	23.63
173	291.1	329.9	-6.02	23.61
174	292.5	328.5	-6.02	23.57
175	293.2	327.8	-6.02	23.54
176	294.6	326.4	-6.02	23.49
177	295.8	325.2	-6.02	23.45
178	295.4	325.6	-6.02	23.47
179	295.3	325.7	-6.02	23.47
180	294.3	326.7	-6.02	23.50
181	293.4	327.6	-6.02	23.54
182	292.4	328.6	-6.02	23.57
183	291.0	330.0	-6.02	23.62
184	289.4	331.6	-6.02	23.67
185	288.7	332.3	-6.02	23.70
186	288.2	332.8	-6.02	23.72
187	287.6	333.4	-6.02	23.73
188	287.0	334.0	-6.02	23.76
189	286.7	334.3	-6.02	23.77
190	285.9	335.1	-6.02	23.79
191	284.6	336.4	-6.02	23.84
192	283.3	337.7	-6.02	23.88
193	281.9	339.1	-6.02	23.93
194	278.7	342.3	-6.02	24.03
195	273.6	347.4	-6.02	24.20
196	269.3	351.7	-6.02	24.34
197	268.7	352.3	-6.02	24.36
198	267.6	353.4	-6.02	24.40
199	265.3	355.7	-6.02	24.47
200	263.6	357.4	-6.02	24.53
201	260.6	360.4	-6.02	24.63
202	257.4	363.6	-6.02	24.73
203	255.1	365.9	-6.02	24.81
204	254.1	366.9	-6.02	24.84
205	254.5	366.5	-6.02	24.82
206	257.1	363.9	-6.02	24.74
207	258.3	362.7	-6.02	24.70
208	257.7	363.3	-6.02	24.72
209	258.1	362.9	-6.02	24.71
210	259.0	362.0	-6.02	24.68
211	260.8	360.2	-6.02	24.62

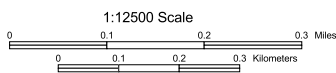
212	262.9	358.1	-6.02	24.55
213	264.2	356.8	-6.02	24.51
214	265.2	355.8	-6.02	24.48
215	265.8	355.2	-6.02	24.46
216	265.8	355.2	-6.02	24.46
217	266.0	355.0	-6.02	24.45
218	267.0	354.0	-6.02	24.42
219	268.9	352.1	-6.02	24.36
220	270.2	350.8	-6.02	24.31
221	268.9	352.1	-6.02	24.36
222	269.5	351.5	-6.02	24.34
223	272.2	348.8	-6.02	24.25
224	273.8	347.2	-6.02	24.20
225	274.6	346.4	-6.02	24.17
226	275.1	345.9	-6.02	24.15
227	275.7	345.3	-6.02	24.13
228	276.6	344.4	-6.02	24.10
229	277.6	343.4	-6.02	24.07
230	278.3	342.7	-6.02	24.05
231	279.3	341.7	-6.02	24.01
232	280.5	340.5	-6.02	23.97
233	281.7	339.3	-6.02	23.93
234	283.3	337.7	-6.02	23.88
235	284.9	336.1	-6.02	23.82
236	286.5	334.5	-6.02	23.77
237	288.5	332.5	-6.02	23.70
238	290.4	330.6	-6.02	23.64
239	292.2	328.8	-6.02	23.58
240	293.9	327.1	-6.02	23.52
241	295.5	325.5	-6.02	23.47
242	296.8	324.2	-6.02	23.42
243	297.9	323.1	-6.02	23.38
244	299.1	321.9	-6.02	23.34
245	300.6	320.4	-6.02	23.29
246	301.8	319.2	-6.02	23.25
247	303.3	317.7	-6.02	23.19
248	307.0	314.0	-6.02	23.06
249	310.7	310.3	-6.02	22.93
250	310.9	310.1	-6.02	22.92
251	309.1	311.9	-6.02	22.99
252	306.5	314.5	-6.02	23.08
253	304.8	316.2	-6.02	23.14
254	304.0	317.0	-6.02	23.17
255	303.0	318.0	-6.02	23.20
256	301.6	319.4	-6.02	23.25
257	300.8	320.2	-6.02	23.28
258	300.4	320.6	-6.02	23.29
259	301.0	320.0	-6.02	23.28
260	301.3	319.7	-6.02	23.26
261	302.0	319.0	-6.02	23.24
262	302.1	318.9	-6.02	23.24
263	300.9	320.1	-6.02	23.28
264	299.7	321.3	-6.02	23.32
265	299.1	321.9	-6.02	23.34
266	298.4	322.6	-6.02	23.36

267	297.6	323.4	-6.02	23.39
268	297.4	323.6	-6.02	23.40
269	297.3	323.7	-6.02	23.40
270	296.9	324.1	-6.02	23.42
271	296.3	324.7	-6.02	23.44
272	295.3	325.7	-6.02	23.47
273	294.1	326.9	-6.02	23.51
274	293.2	327.8	-6.02	23.54
275	291.1	329.9	-6.02	23.62
276	289.2	331.8	-6.02	23.68
277	287.8	333.2	-6.02	23.73
278	285.7	335.3	-6.02	23.80
279	283.7	337.3	-6.02	23.86
280	282.8	338.2	-6.02	23.89
281	282.7	338.3	-6.02	23.90
282	282.2	338.8	-6.02	23.92
283	282.4	338.6	-6.02	23.91
284	283.1	337.9	-6.02	23.88
285	283.8	337.2	-6.02	23.86
286	282.6	338.4	-6.02	23.90
287	280.8	340.2	-6.02	23.96
288	279.9	341.1	-6.02	23.99
289	280.0	341.0	-6.02	23.99
290	279.1	341.9	-6.02	24.02
291	278.1	342.9	-6.02	24.05
292	275.6	345.4	-6.02	24.14
293	271.4	349.6	-6.02	24.28
294	267.0	354.0	-6.02	24.42
295	262.7	358.3	-6.02	24.56
296	259.3	361.7	-6.02	24.67
297	256.1	364.9	-6.02	24.77
298	253.7	367.3	-6.02	24.85
299	252.1	368.9	-6.02	24.90
300	250.8	370.2	-6.02	24.94
301	251.3	369.7	-6.02	24.93
302	252.5	368.5	-6.02	24.89
303	254.9	366.1	-6.02	24.81
304	258.6	362.4	-6.02	24.69
305	261.3	359.7	-6.02	24.60
306	263.9	357.1	-6.02	24.52
307	265.4	355.6	-6.02	24.47
308	266.7	354.3	-6.02	24.43
309	267.7	353.3	-6.02	24.40
310	268.6	352.4	-6.02	24.37
311	268.8	352.2	-6.02	24.36
312	268.4	352.6	-6.02	24.37
313	267.3	353.7	-6.02	24.41
314	267.0	354.0	-6.02	24.42
315	266.1	354.9	-6.02	24.45
316	264.9	356.1	-6.02	24.49
317	264.4	356.6	-6.02	24.50
318	263.6	357.4	-6.02	24.53
319	262.6	358.4	-6.02	24.56
320	263.8	357.2	-6.02	24.52
321	264.6	356.4	-6.02	24.50

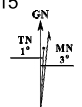
322	264.5	356.5	-6.02	24.50
323	264.6	356.4	-6.02	24.50
324	262.8	358.2	-6.02	24.56
325	261.8	359.2	-6.02	24.59
326	261.7	359.3	-6.02	24.59
327	261.9	359.1	-6.02	24.59
328	262.1	358.9	-6.02	24.58
329	261.7	359.3	-6.02	24.59
330	261.3	359.7	-6.02	24.61
331	260.5	360.5	-6.02	24.63
332	259.4	361.6	-6.02	24.67
333	257.9	363.1	-6.02	24.71
334	256.9	364.1	-6.02	24.75
335	256.7	364.3	-6.02	24.75
336	257.0	364.0	-6.02	24.74
337	257.5	363.5	-6.02	24.73
338	257.6	363.4	-6.02	24.72
339	257.9	363.1	-6.02	24.71
340	258.2	362.8	-6.02	24.70
341	259.7	361.3	-6.02	24.66
342	260.7	360.3	-6.02	24.62
343	260.8	360.2	-6.02	24.62
344	259.3	361.7	-6.02	24.67
345	259.8	361.2	-6.02	24.65
346	259.3	361.7	-6.02	24.67
347	257.3	363.7	-6.02	24.74
348	255.3	365.7	-6.02	24.80
349	253.9	367.1	-6.02	24.84
350	254.5	366.5	-6.02	24.83
351	253.7	367.3	-6.02	24.85
352	251.4	369.6	-6.02	24.92
353	249.8	371.2	-6.02	24.97
354	247.7	373.3	-6.02	25.04
355	245.9	375.1	-6.02	25.10
356	245.0	376.0	-6.02	25.12
357	244.2	376.8	-6.02	25.15
358	243.3	377.7	-6.02	25.18
359	242.0	379.0	-6.02	25.22

Ave El= 275.91 M HAAT= 345.09 M AMSL= 621.0

Area by numeric integration= 1828.17 Sq km.



Universal Transverse Mercator (UTM) Projection Zone15
North American Datum of 1983 (NAD83)
UTM Grid shown in Blue



Magnetic declination at center of map on
September 5, 2009

Registration 1064715 [Map Registration](#)**Registration Detail**

Reg Number	1064715	Status	Constructed
File Number	A0425887	Constructed	02/14/2003
FAA Study	2002-ACE-1323-OE	EMI	Yes
FAA Issue Date	08/22/2002	NEPA	No

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long 39-01-19.9 N 094-30-49.7 W 6309 E. 56th St.

City, State KANSAS CITY , MO

Center of
AM Array

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
270.1	353.0
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
623.1	323.5

Painting and Lighting Specifications

FAA Chapters 4, 9, 12

Paint and Light in Accordance with FAA Circular Number 70/7460-1K

Owner & Contact Information

FRN	0006154249	Licensee ID	L00167959
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Owner

Richland Towers
4890 W. Kennedy Blvd Suite 920
Tampa , FL 33609

P: (813)286-4140
E:

Contact

4890 W. Kennedy Blvd Suite 920
Tampa , FL 33609

P: (813)286-4140
E:

Last Action Status

Status	Constructed	Received	01/24/2005
Purpose	Notification	Entered	01/24/2005
Mode	Interactive		

Related Applications

01/24/2005	A0425887 - Notification (NT)
01/15/2004	A0360457 - Admin Update (AU)
03/19/2003	A0316630 - Notification (NT)
	Related applications (8)