

**Engineering Statement
In Support of an
Application for a Construction Permit
WFMG(FM), Channel 267B1, Richmond, Indiana**

General

WFMG is filing its FCC Form 301 in order to bring it into compliance with the Report and Order issued in MB Docket 05-17. The proposed facility will continue to operate at its current transmitter site with a reduced ERP and classification. It will be considered a §73.215 station to WIZF's facility that is also being filed to comply with MB Docket 05-17.

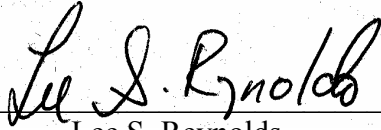
The §73.213 relationship between WKKG and WFMG will be preserved, but it will not be aggravated. In fact, the existing overlap will be reduced from 6,058 square kilometers (202,788 persons) to 2,216 square kilometers (64,289 persons). No new overlap will be created, and all of the proposed overlap will lie completely within the current WKKG/WFMG overlap.

FCC Worksheet #1A was used to determine whether or not human exposure to radiofrequency radiation would be an issue. The radiation levels 2 meters above ground at the base of the tower would be 0.1661 mW/cm^2 , which is within the minimum FCC guidelines.

Conclusion

WFMG will continue to cover Richmond, Indiana (community of license) with a 70 dBu contour. It will also meet all the FCC's spacing and interference requirements.

For Rodgers Broadcasting Corporation:



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Channel Spacing Study**

REFERENCE					DISPLAY DATES			
39 49 41 N.					CLASS = B1			
84 55 57 W.					Current Spacings			
----- Channel 267 - 101.3 MHz -----					DATA 12-21-05			
					SEARCH 01-12-06			
Call	Channel	Location		Azi	Dist	FCC	Margin	

Community of	Richmond			IN	89.0	3.63		
Reference coordinates:								
N. Lat: 39-49-43								
W. Long: 84-53-24								
RDEL	DEL	267B	Richmond	IN	0.0	0.00	211.0	-211.00
Of no concern:								
Facility of instant application.								
WFMG	LIC	267B	Richmond	IN	0.0	0.00	211.0	-211.00
Of no concern:								
Facility of instant application.								
RADD	ADD	267B1	Richmond	IN	345.6	10.44	175.0	-164.56
Of no concern:								
Facility of instant application.								
WKKG	LIC	268B	Columbus	IN	231.1	112.82	145.0	-32.18
Of concern:								
Grand-fathered overlap reduced by changing to B1 & reducing ERP.								
WIZF	APP	266A	Erlanger	KY	158.0	86.54	96.0	-9.46
Of concern:								
Protection afforded under Section 73.215.								
RADD	ADD	266A	Erlanger	KY	158.0	86.54	96.0	-9.46
Of concern:								
Protection afforded under Section 73.215.								
WKRQ	LIC	270B	Cincinnati	OH	154.8	87.26	71.0	16.26
WPGWFM	LIC	265A	Portland	IN	354.1	67.88	48.0	19.88
RDEL	DEL	266A	Madison	IN	196.4	116.53	96.0	20.53
VA266	VAC	266A	Madison	IN	196.4	116.53	96.0	20.53
WEEC	LIC	264B	Springfield	OH	80.4	92.23	71.0	21.23
WAGX	LIC	267A	Manchester	OH	141.1	174.35	143.0	31.35
WBAAF	LIC-N	267A	West Lafayette	IN	287.9	175.87	143.0	32.87
WNCOFM	LIC	267B	Ashland	OH	61.9	246.01	211.0	35.01
WIZF	LIC	265A	Erlanger	KY	158.0	86.54	48.0	38.54
RDEL	DEL	265A	Erlanger	KY	158.0	86.54	48.0	38.54
WKPW	LIC	214A	Knightstown	IN	262.7	50.57	12.0	38.57
WMJM	LIC-N	267A	Jeffersonton	KY	199.2	187.84	143.0	44.84
WURK.C	CP -Z	269A	Elwood	IN	302.5	93.62	48.0	45.62
WURK	LIC	269A	Elwood	IN	302.5	93.62	48.0	45.62
WWDS	LIC	213A	Muncie	IN	324.9	61.28	12.0	49.28
WYJZ	LIC	265A	Speedway	IN	268.6	98.09	48.0	50.09
WKS	LIC-N	269A	Urbana	OH	75.7	102.48	48.0	54.48
WLZQ	LIC	266A	South Whitley	IN	334.9	156.35	96.0	60.35
AL265	RSV	265A	Speedway	IN	267.0	111.24	48.0	63.24
WWCD	LIC-Z	266A	Grove City	OH	90.0	160.73	96.0	64.73
RADD	ADD	265A	Madison	IN	196.4	116.53	48.0	68.53
WKLUC	CP -N	270A	Brownsburg	IN	268.2	117.12	48.0	69.12

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WFMG, Richmond, Indiana

Terrain-Contour Study

Reference Coordinates:

North Latitude: 39-49-41

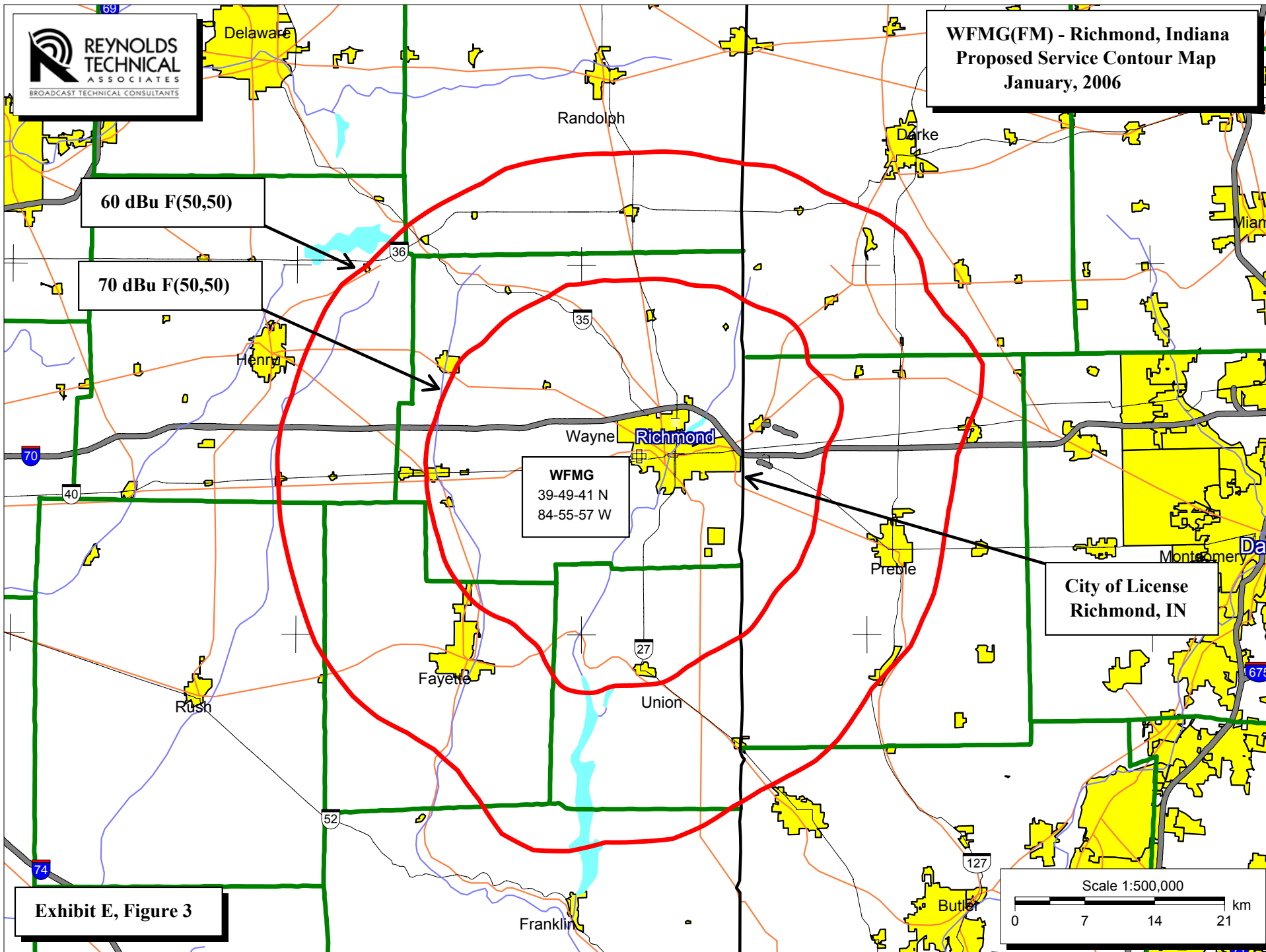
West Longitude: 84-55-57

ERP = 210.5 kW FM - 2-6 Tables					
Azimuth °T.	Ave. Elev.	Effective	ERP (dBk)	F(50-50) Distance to 70 dBu Contour	F(50-50) Distance to 60 dBu Contour
	3 to 16 km Meters AMSL	Antenna Height Meters AAT		km	km
0	333.3	63.7	13.118	17.7	30.4
5	332.2	64.8	13.118	17.8	30.6
10	331.5	65.5	13.118	17.9	30.8
15	331.5	65.5	13.118	17.9	30.8
20	329.8	67.2	13.118	18.1	31.1
25	325.7	71.3	13.118	18.7	32.0
30	324.8	72.2	13.118	18.8	32.2
35	324.4	72.6	13.118	18.9	32.3
40	321.2	75.8	13.118	19.3	33.0
45	315.6	81.4	13.118	20.0	34.1
50	312.7	84.3	13.118	20.4	34.7
55	314.1	82.9	13.118	20.2	34.4
60	319.8	77.2	13.118	19.5	33.2
65	317.8	79.2	13.118	19.7	33.7
70	312.0	85.0	13.118	20.4	34.8
75	307.8	89.2	13.118	21.0	35.6
80	312.5	84.5	13.118	20.4	34.7
85	320.8	76.2	13.118	19.3	33.0
90	326.5	70.5	13.118	18.6	31.8
95	327.5	69.5	13.118	18.5	31.6
100	328.2	68.8	13.118	18.4	31.5
105	327.5	69.5	13.118	18.5	31.6
110	325.4	71.6	13.118	18.7	32.1
115	323.1	73.9	13.118	19.0	32.6
120	322.2	74.8	13.118	19.1	32.7
125	320.1	76.9	13.118	19.4	33.2
130	321.4	75.6	13.118	19.3	32.9
135	321.3	75.7	13.118	19.3	32.9
140	317.3	79.7	13.118	19.8	33.8
145	312.7	84.3	13.118	20.4	34.7
150	309.6	87.4	13.118	20.7	35.3
155	309.3	87.7	13.118	20.8	35.3

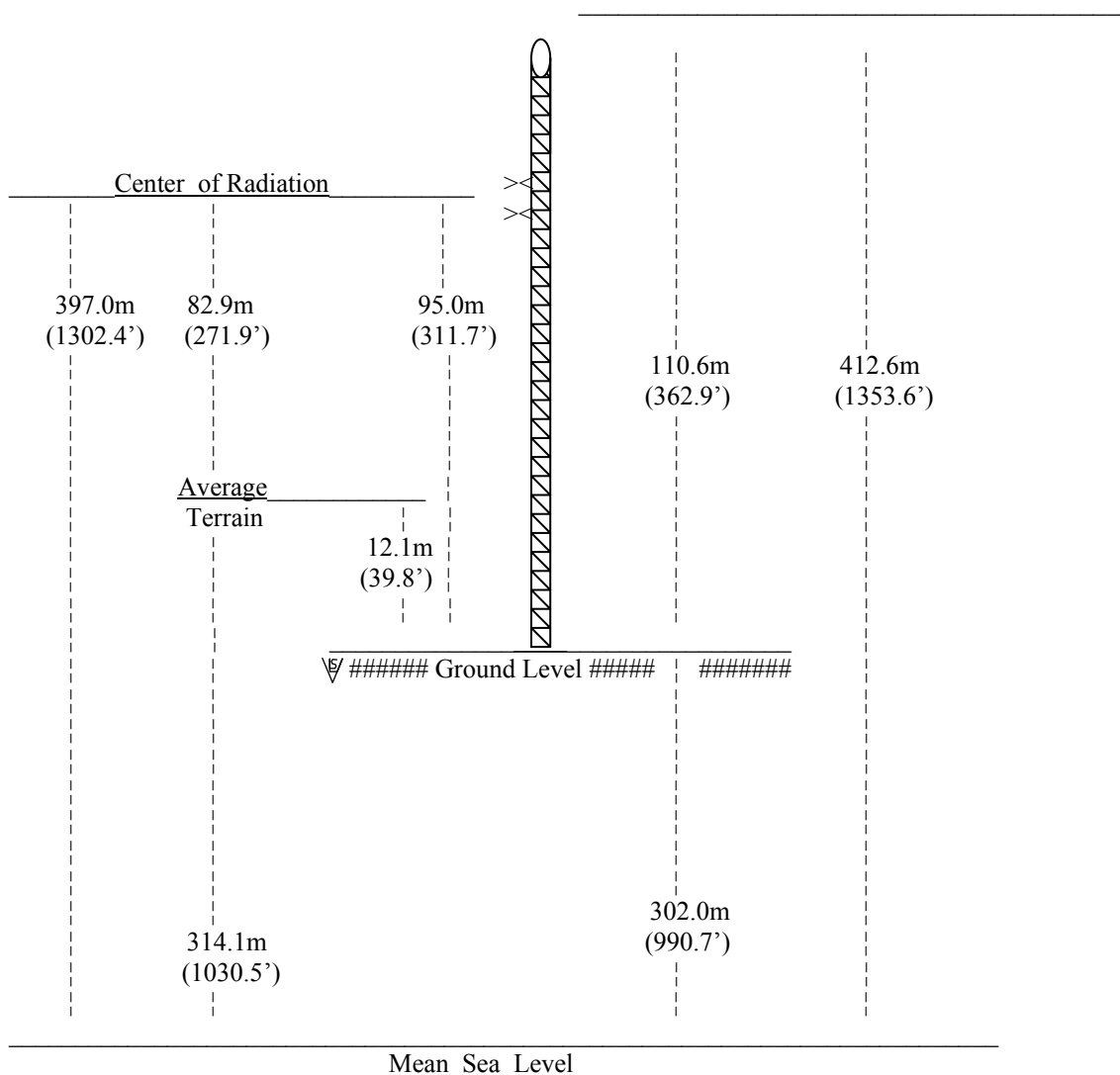
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Exhibit E, Figure 2

ERP = 20.5 kW		FM - 2-6 Tables		F(50-50)	F(50-50)
Azimuth °T.	Ave. Elev.	Effective Antenna Height	ERP (dBk)	Distance to	Distance to
	3 to 16 km Meters AMSL			70 dBu Contour km	60 dBu Contour km
160	307.8	89.2	13.118	20.9	35.6
165	303.8	93.2	13.118	21.4	36.3
170	297.0	100.0	13.118	22.2	37.5
175	291.0	106.0	13.118	22.8	38.5
180	290.0	107.0	13.118	22.9	38.6
185	289.0	108.0	13.118	23.1	38.9
190	279.0	118.0	13.118	24.0	40.2
195	274.0	123.0	13.118	24.4	40.9
200	279.0	118.0	13.118	24.0	40.3
205	295.0	102.0	13.118	22.5	38.0
210	303.7	93.3	13.118	21.4	36.4
215	306.5	90.5	13.118	21.1	35.9
220	304.7	92.3	13.118	21.3	36.2
225	299.9	97.1	13.118	21.9	37.0
230	297.5	99.5	13.118	22.1	37.4
235	297.3	99.7	13.118	22.2	37.4
240	297.3	99.7	13.118	22.2	37.5
245	299.7	97.3	13.118	21.9	37.0
250	301.6	95.4	13.118	21.7	36.7
255	302.5	94.5	13.118	21.6	36.6
260	303.0	94.0	13.118	21.5	36.5
265	304.3	92.7	13.118	21.4	36.3
270	304.4	92.6	13.118	21.4	36.2
275	305.8	91.2	13.118	21.2	36.0
280	309.4	87.6	13.118	20.8	35.3
285	310.6	86.4	13.118	20.6	35.1
290	312.1	84.9	13.118	20.4	34.8
295	312.5	84.5	13.118	20.4	34.7
300	314.2	82.8	13.118	20.2	34.4
305	319.8	77.2	13.118	19.5	33.3
310	321.5	75.5	13.118	19.2	32.9
315	322.3	74.7	13.118	19.1	32.7
320	324.3	72.7	13.118	18.9	32.3
325	326.4	70.6	13.118	18.6	31.8
330	327.9	69.1	13.118	18.4	31.5
335	326.9	70.1	13.118	18.5	31.7
340	328.7	68.3	13.118	18.3	31.4
345	330.5	66.5	13.118	18.0	31.0
350	331.8	65.2	13.118	17.9	30.7
355	333.3	63.7	13.118	17.7	30.4



WFMG Vertical Sketch



Proposed Location - 39° 49' 41" N. Lat.

84° 55' 57" W. Long. [NAD 27]

NOT DRAWN TO SCALE

ASRN - 1031399

**WFMG(FM) - Richmond, Indiana
Protected and Interfering
Contours Map
January, 2006**

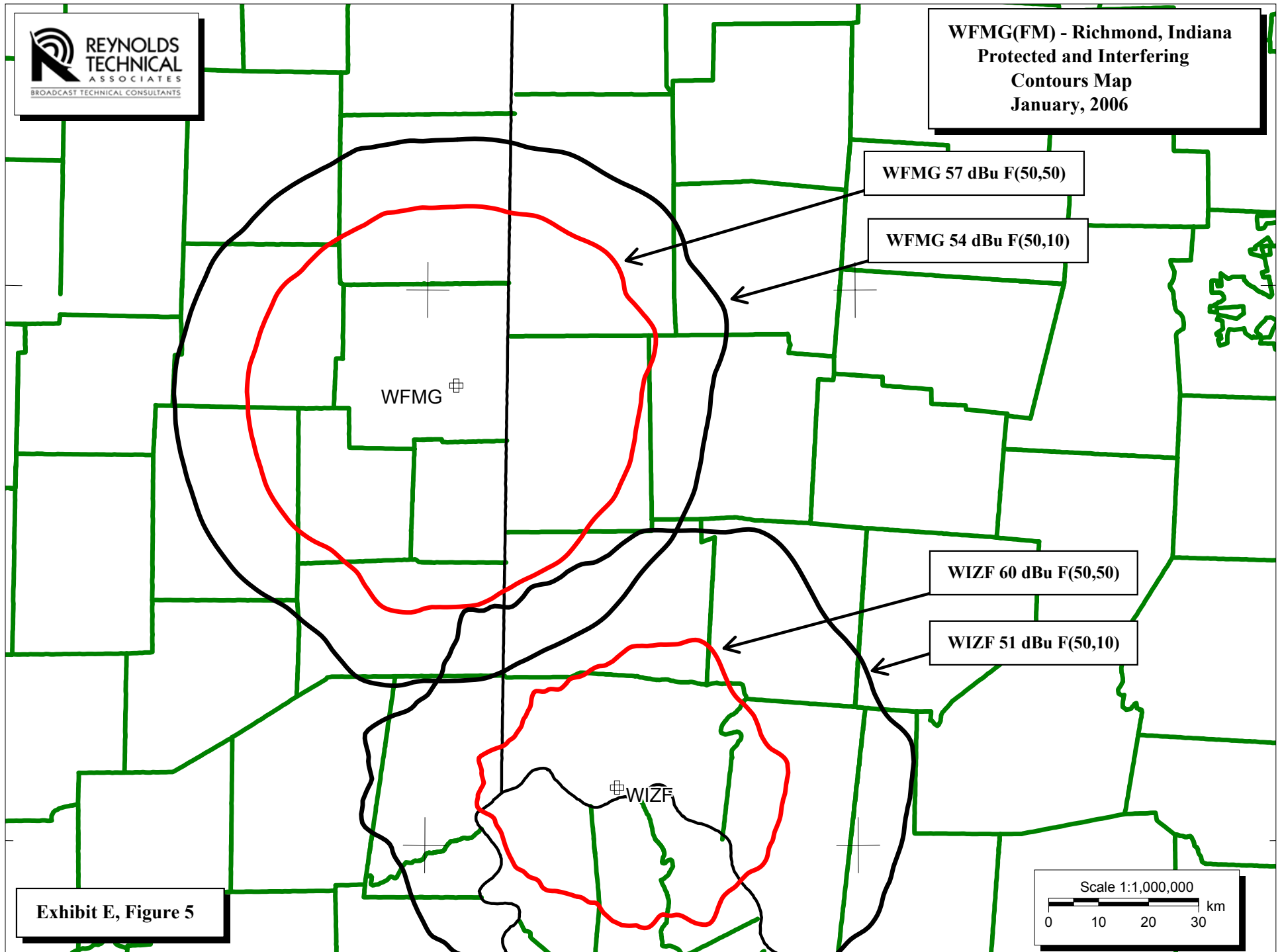


Exhibit E, Figure 5