

Micronet Communications, Inc.

720 F Avenue, Suite 100
Plano, Texas 75074
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1715920 5.93 GHz
Licensee: EMMIS COMMUNICATIONS CORPORATION

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Pursuant to Parts 25.203 and 101.103(d) of the FCC Rules and Regulations, a frequency coordination study was conducted by Micronet Communications, Inc. for the following proposed earth station:

Monument Circle, IN

The results of the study indicate that no unacceptable interference will result with existing, proposed or prior coordinated radio facilities.

Coordination was performed with existing, proposed and prior coordinated carriers within coordination range on the following dates:

06/14/2017 Original PCN

There were no unresolved interference objections.

The attached coordination data was forwarded on the latest date to the following parties within coordination range or their authorized coordination agents:

AGILE NETWORK BUILDERS LLC
AT&T MOBILITY SPECTRUM LLC
BUTLER COUNTY
CELLULAR PROPERTIES, INC.
CINCINNATI NEW ORLEANS AND TEXAS PACIFIC RAILWAY COMPANY
CITY OF CINCINNATI ENTERPRISE TECHNOLOGY SOLUTIONS DEPARTMENT
CITY OF INDIANAPOLIS, DIVISION OF PUBLIC SAFETY COMMUNICATIONS
COMSEARCH INC
CONTERRA ULTRA BROADBAND, LLC
CONVERGENCE TECHNOLOGIES, INC.
CYBERLINK INTERNATIONAL
DAYTON POWER AND LIGHT
DUKE ENERGY BUSINESS SERVICES, LLC
DUKE ENERGY CAROLINAS, LLC
GTE MOBILNET OF INDIANA LIMITED PARTNERSHIP
HAMILTON COUNTY PUBLIC SAFETY COMMUNICATIONS
HAMILTON, COUNTY OF
HELIX TECHNOLOGIES, INC.
HENDRICKS COUNTY COMMUNICATIONS CENTER
HOOSIER ENERGY RURAL ELECTRIC COOPERATIVE, INC.
INDIANA DEPARTMENT OF TRANSPORTATION
INDIANA MICHIGAN POWER COMPANY
INDIANA RSA NO. 4 LIMITED PARTNERSHIP
INDIANA, STATE OF (IPSC)
MADISON, COUNTY OF
MICRONET COMMUNICATIONS INC
MOBILCOMM, INC
NEW CINGULAR WIRELESS PCS, LLC
NORFOLK SOUTHERN RAILWAY COMPANY

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OHIO VALLEY ELECTRIC CORPORATION
PANHANDLE EASTERN PIPE LINE COMPANY, L.P.
RADIO DYNAMICS
SOUTH CENTRAL INDIANA REMC
TRANSWORLD NETWORK CORP
UTILITIES DISTRICT OF WESTERN INDIANA REMC
VERIZON WIRELESS (VAW) LLC
W.A.T.C.H. TV COMPANY
WATERLEAF INTERNATIONAL LLC
WIN ENERGY REMC
ZAYO GROUP, LLC

Respectfully Submitted,



Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.
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 972-422-7200

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TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

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Company:	EMMIS COMMUNICATIONS CORPORATION		
Site Name, State:	Monument Circle, IN		
Call Sign:			
Latitude	(NAD83)	39 46	4.0 N
Longitude	(NAD83)	86 9	31.6 W
Elevation AMSL	(ft/m)	712.00	217.02
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6241.54/6271.54-6425	
Range of Satellite Orbital Long.	(deg W)	43.00	139.00
Range of Azimuths from North	(deg)	124.30	244.13
Antenna Centerline	(ft/m)	144.53	44.05
Antenna Elevation Angles	(deg)	26.33	19.48

Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	41.90	45.90
15 DB Half Beamwidth	(deg)	2.00	1.00
Antennas	Receive: PRODELIN 1385 (3.8M)		
	Transmit: PRODELIN 1385 (3.8M)		
Max Transmitter Power	(dbW/4KHz)		-16.00
Max EIRP Main Beam	(dbW/4KHz)		29.90
Modulation / Emission Designator	DIGITAL	100KG7W	3M20G7W

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	308.09	152.95
Max Rain Scatter Distances	(km)	405.97	100.00
Max Interference Power Long Term	(dbW)	-140.60	-154.00
Max Interference Power Short Term	(dbW)	-118.40	-130.80
Rain Zone / Radio Zone		2	A

MICRONET COMMUNICATIONS, INC.
07-19-2017

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 Horizon Angle Horizon Gain Final Contour - 6.17 GHz TRANSMIT
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Company: EMMIS COMMUNICATIONS CORPORATION

Site Name, State: Monument Circle, IN

Call Sign:

Latitude (NAD83) 39 46 4.0 N Longitude (NAD83) 86 9 31.6 W

North Azimuth (deg)	Horizon Angle (deg)	Horizon Gain (db)	Final Contour (km)	North Azimuth (deg)	Horizon Angle (deg)	Horizon Gain (db)	Final Contour (km)
0	0.00	-18.36	125.2	180	0.00	-10.00	127.8
5	0.00	-19.76	125.2	185	0.00	-10.00	128.4
10	0.00	-16.21	125.2	190	0.00	-10.00	129.2
15	0.00	-12.63	125.2	195	0.00	-10.00	130.4
20	0.00	-10.00	125.2	200	0.00	-10.00	132.0
25	0.00	-10.00	125.2	205	0.00	-10.00	133.9
30	0.00	-10.00	125.2	210	0.00	-10.00	136.2
35	0.00	-10.00	125.2	215	0.00	-8.02	138.6
40	0.00	-10.47	125.2	220	0.00	-5.11	140.8
45	0.00	-12.39	125.2	225	0.00	-4.20	142.2
50	0.00	-13.00	125.2	230	0.00	-3.37	142.9
55	0.00	-13.00	125.2	235	0.00	-2.72	142.5
60	0.00	-13.00	125.2	240	0.00	-2.30	141.2
65	0.00	-13.00	125.2	245	0.00	-2.20	139.3
70	0.00	-13.00	127.3	250	0.00	-2.42	136.9
75	0.00	-12.62	130.4	255	0.00	-2.92	134.2
80	0.01	-10.55	133.6	260	0.00	-3.65	131.5
85	0.00	-10.00	137.1	265	0.00	-4.53	128.9
90	0.00	-10.00	140.8	270	0.00	-6.97	126.3
95	0.00	-10.00	144.5	275	0.00	-10.00	125.2
100	0.00	-10.00	148.2	280	0.00	-10.00	125.2
105	0.03	-7.20	151.5	285	0.00	-10.00	125.2
110	0.00	-4.92	153.0	290	0.00	-10.00	125.2
115	0.00	-4.42	152.2	295	0.00	-12.24	125.2
120	0.00	-4.11	149.5	300	0.00	-13.00	125.2
125	0.00	-4.02	145.7	305	0.00	-13.00	125.2
130	0.00	-4.17	142.1	310	0.00	-13.00	125.2
135	0.00	-4.54	138.9	315	0.00	-13.00	125.2
140	0.00	-5.36	136.2	320	0.00	-13.00	125.2
145	0.00	-8.01	133.9	325	0.00	-11.97	125.2
150	0.00	-10.00	132.0	330	0.00	-10.00	125.2
155	0.00	-10.00	130.4	335	0.00	-10.00	125.2
160	0.00	-10.00	129.2	340	0.00	-10.00	125.2
165	0.00	-10.00	128.4	345	0.00	-10.00	125.2
170	0.00	-10.00	127.8	350	0.00	-10.76	125.2
175	0.00	-10.00	127.7	355	0.00	-14.57	125.2

MICRONET COMMUNICATIONS, INC.
07-19-2017

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Horizon Angle Horizon Gain Final Contour - 3.95 GHz RECEIVE

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Company: EMMIS COMMUNICATIONS CORPORATION

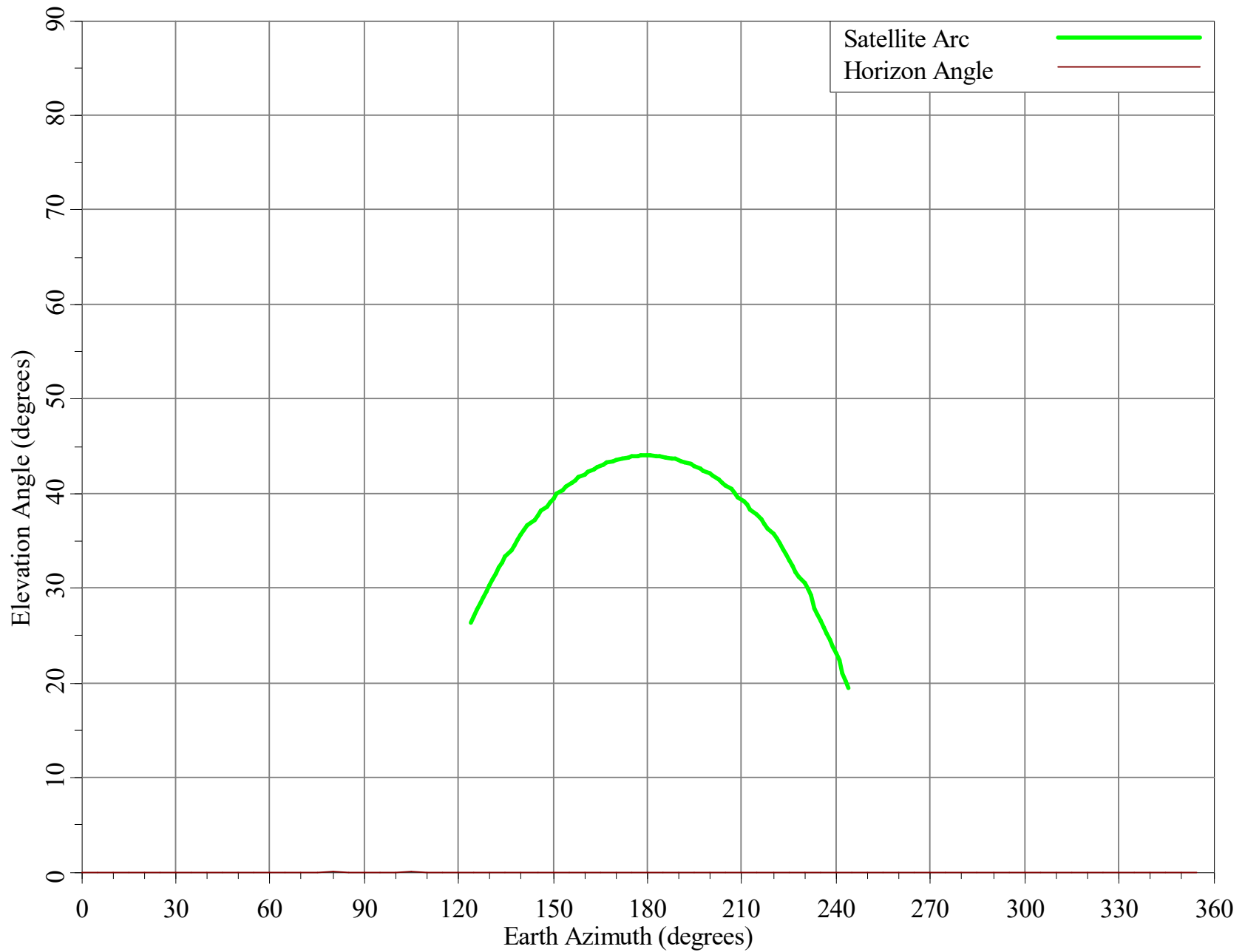
Site Name, State: Monument Circle, IN

Call Sign:

Latitude (NAD83) 39 46 4.0 N Longitude (NAD83) 86 9 31.6 W

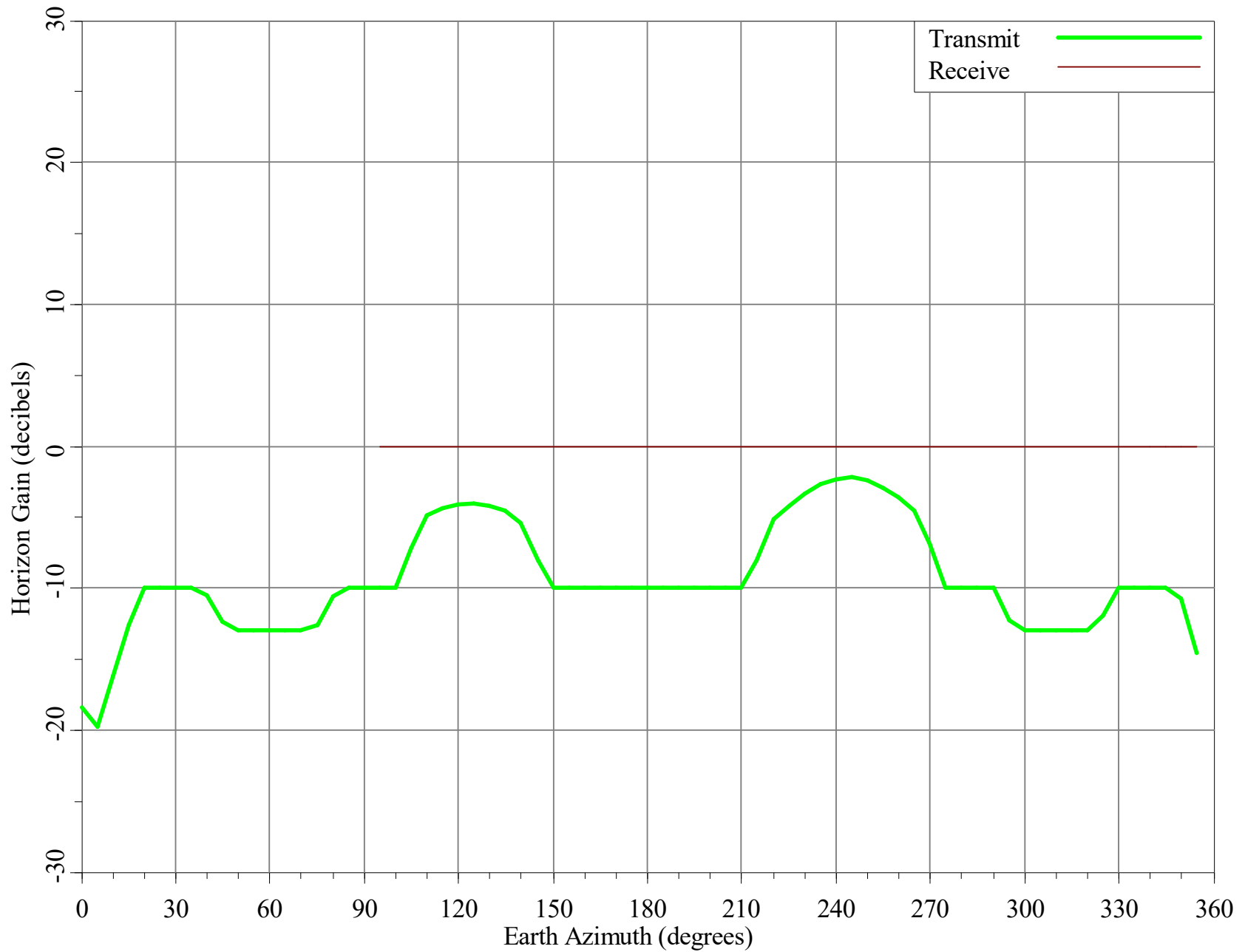
North Azimuth (deg)	Horizon Angle (deg)	Horizon Gain (db)	Final Contour (km)	North Azimuth (deg)	Horizon Angle (deg)	Horizon Gain (db)	Final Contour (km)
0	0.00	-12.14	247.3	180	0.00	-9.20	252.7
5	0.00	-13.01	247.3	185	0.00	-9.14	253.8
10	0.00	-10.82	247.3	190	0.00	-8.94	255.5
15	0.00	-8.16	247.3	195	0.00	-8.61	257.9
20	0.00	-6.00	247.3	200	0.00	-8.17	261.1
25	0.00	-6.00	247.3	205	0.00	-7.63	264.9
30	0.00	-6.92	247.3	210	0.00	-7.00	269.5
35	0.00	-10.00	247.3	215	0.00	-6.30	274.6
40	0.00	-10.00	247.3	220	0.00	-5.53	279.8
45	0.00	-10.00	247.3	225	0.00	-4.40	283.6
50	0.00	-10.00	247.3	230	0.00	-3.26	285.2
55	0.00	-10.00	247.3	235	0.00	-2.36	284.3
60	0.00	-10.00	247.3	240	0.00	-1.79	281.1
65	0.00	-10.00	247.3	245	0.00	-1.65	276.0
70	0.00	-10.00	251.7	250	0.00	-1.95	271.0
75	0.00	-10.00	257.8	255	0.00	-2.64	265.7
80	0.01	-10.00	264.4	260	0.00	-3.64	260.2
85	0.00	-9.76	271.5	265	0.00	-4.86	254.8
90	0.00	-8.74	279.9	270	0.00	-6.02	249.6
95	0.00	-7.77	289.4	275	0.00	-7.08	247.3
100	0.00	-6.88	298.2	280	0.00	-8.19	247.3
105	0.03	-6.08	305.0	285	0.00	-9.34	247.3
110	0.00	-5.39	308.1	290	0.00	-10.00	247.3
115	0.00	-4.70	306.5	295	0.00	-10.00	247.3
120	0.00	-4.27	300.9	300	0.00	-10.00	247.3
125	0.00	-4.15	292.6	305	0.00	-10.00	247.3
130	0.00	-4.36	283.3	310	0.00	-10.00	247.3
135	0.00	-4.87	275.0	315	0.00	-10.00	247.3
140	0.00	-5.60	269.5	320	0.00	-10.00	247.3
145	0.00	-6.30	264.9	325	0.00	-10.00	247.3
150	0.00	-7.00	261.1	330	0.00	-10.00	247.3
155	0.00	-7.63	257.9	335	0.00	-9.35	247.3
160	0.00	-8.17	255.5	340	0.00	-6.00	247.3
165	0.00	-8.61	253.8	345	0.00	-6.00	247.3
170	0.00	-8.94	252.7	350	0.00	-6.62	247.3
175	0.00	-9.14	252.4	355	0.00	-9.75	247.3

Horizon Angle & Satellite Arc for Monument Circle, IN Micronet Communications, Inc.

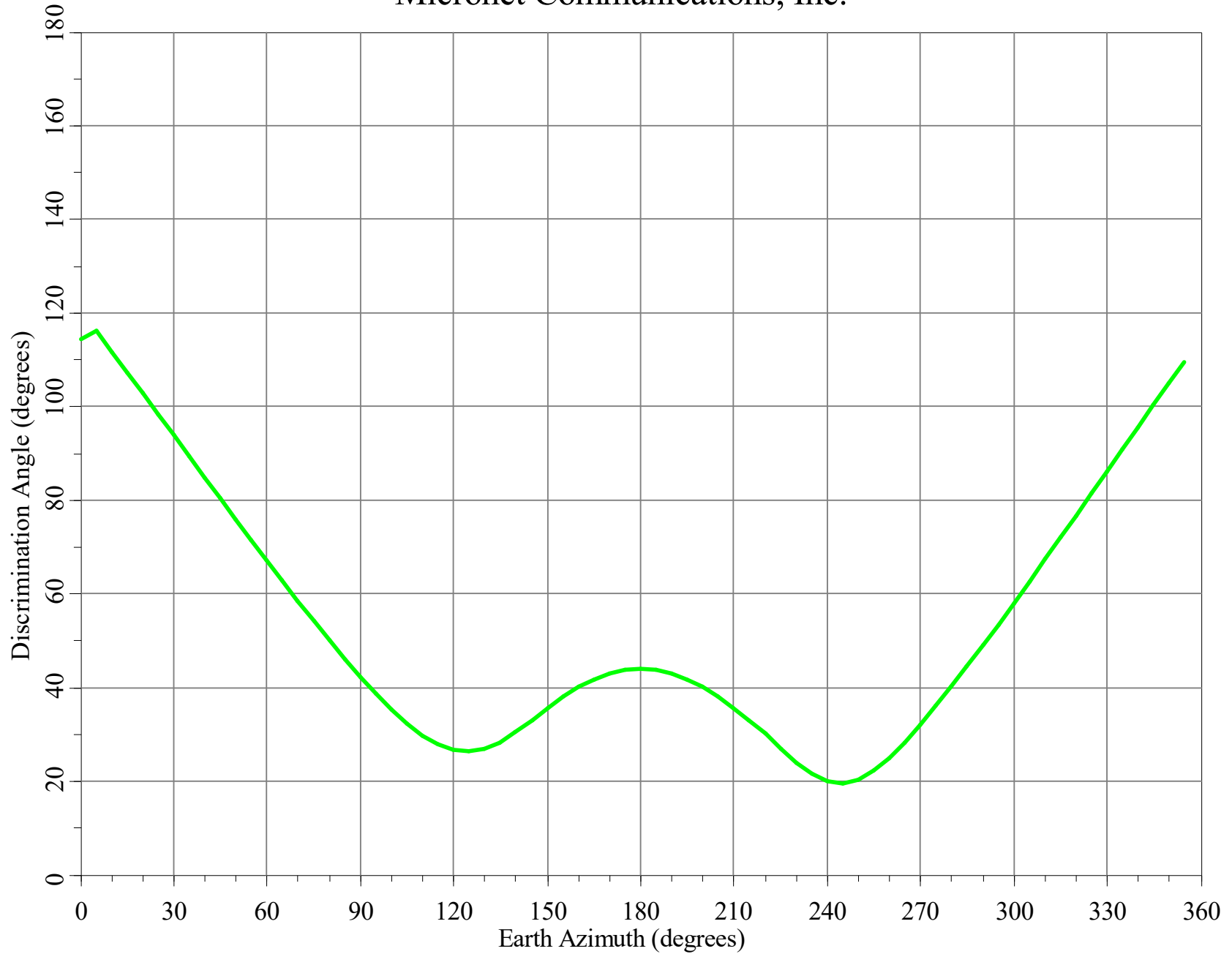


Horizon Gain for Monument Circle, IN

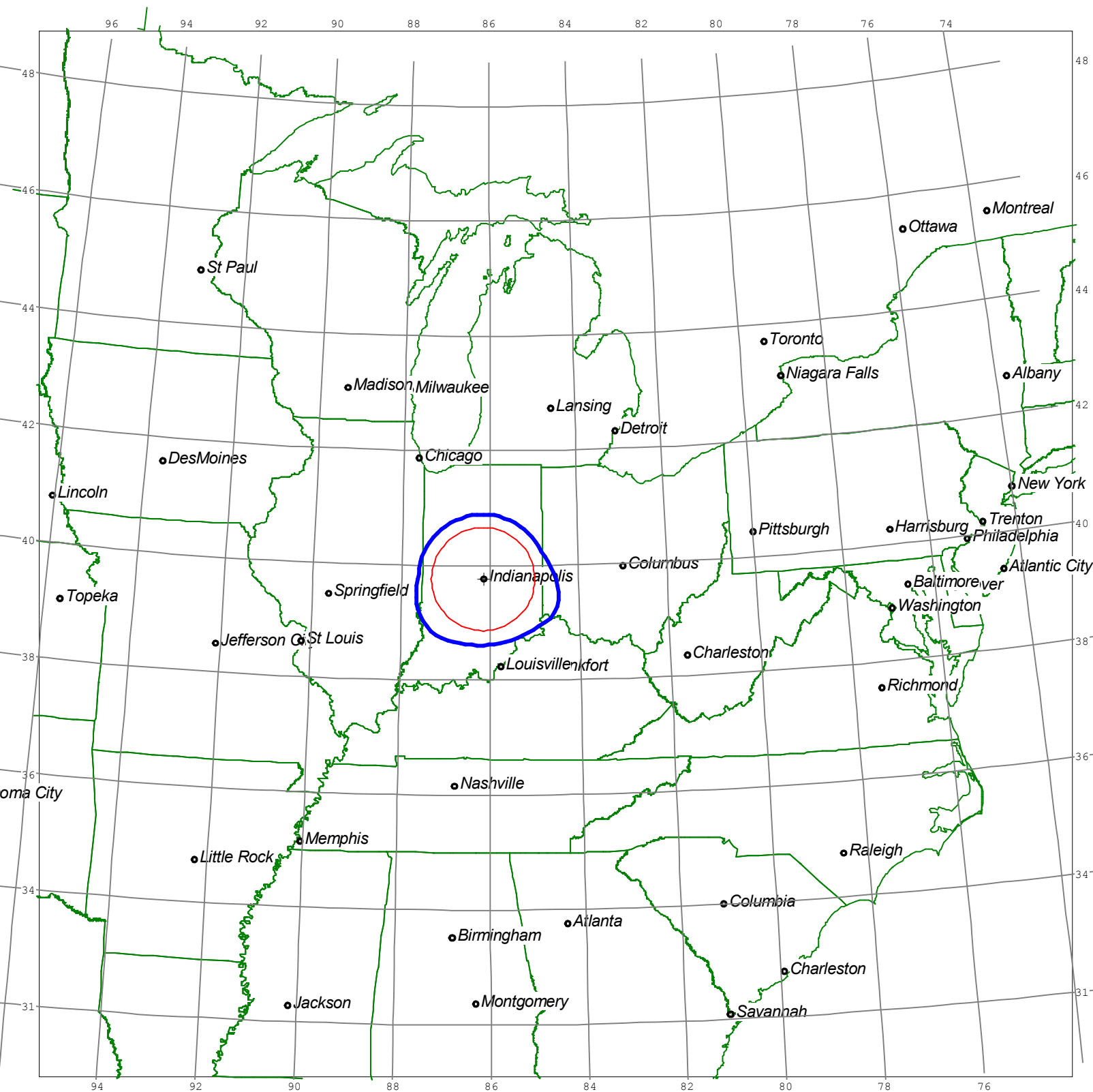
Micronet Communications, Inc.



Minimum Discrimination Angles for Monument Circle, IN
Micronet Communications, Inc.



Final Contour & Rain Scatter for Monument Circle, IN - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter for Monument Circle, IN - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

