

Micronet Communications, Inc.

812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1834015
Licensee: MTN License Corp.

5.93 GHz

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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:

Homdel, NJ

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:

01/17/2019 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:

AB SERVICES LLC
ALGONQUIN GAS TRANSMISSION, LLC
AQ2AT LLC
AT&T CORP
ATLANTIC CITY ELECTRIC COMPANY
ATLANTIC, COUNTY OF
AUBURN DATA SYSTEMS, LLC
BLUELINE COMM
BUCKS COUNTY DEPARTMENT OF EMERGENCY COMMUNICATIONS
CAPITAL COMMUNICATIONS OF AMERICA
CARL, FRASCOGNA
CELLCO PARTNERSHIP
CENTRAL HUDSON GAS & ELECTRIC CORPORATION
CHESTER, COUNTY OF
CITY OF NEW YORK
COMMONWEALTH OF PENNSYLVANIA
COMSEARCH INC
CONNECTICUT, STATE OF
CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
CORALINKS
COUNTY OF BURLINGTON
COUNTY OF CAMDEN
COUNTY OF OCEAN
COX RADIO, INC.
DELAWARE COUNTY EMERGENCY SERVICES
DELMARVA POWER & LIGHT COMPANY
DIRECT BROADCAST SERVICES, INC.
DSRC NETWORKS
EASTERN MLG LLC

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EASTERN PA MEDCOM
ELECTRIC RAILROAD, LLC
ESSEX, COUNTY OF-SHERIFF'S OFFICE
EXELON GENERATION COMPANY, LLC
FELHC, INC.
GARDEN STATE TRANSMISSIONS LLC
GLOUCESTER, COUNTY OF
GOOSETOWN NETWORK SERVICES
GTT AMERICAS LLC
HAMMARLUND RESEARCH, LLC
ISIGNAL
JEFFERSON MICROWAVE, LLC
KRYPTICK TECHNOLOGIES
MICRONET COMMUNICATIONS INC
MIDDLESEX, COUNTY OF
MONMOUTH, COUNTY OF
MONROE COUNTY CONTROL CENTER
MONTGOMERY, COUNTY OF
MORRIS, COUNTY OF
NASSAU COUNTY POLICE DEPARTMENT
NEW CINGULAR WIRELESS PCS, LLC
NEW JERSEY TRANSIT
NEW JERSEY TRANSIT RAIL OPERATIONS
NEW JERSEY TURNPIKE AUTHORITY
NEW JERSEY, STATE OF
NEW LINE NETWORKS
NEW YORK COMMUNICATIONS CO., INC
NEW YORK, CITY OF (POLICE DEPARTMENT)
NEXXCOM WIRELESS LLC
ORANGE AND ROCKLAND UTILITIES INC
ORANGE COUNTY DEPT OF EMERGENCY SERVICES
ORANGE COUNTY--POUGHKEEPSIE LIMITED PARTNERSHIP
PECO ENERGY COMPANY
PENNSYLVANIA TURNPIKE COMMISSION
PORT AUTHORITY OF NEW YORK AND NEW JERSEY
PSEG SERVICES CORPORATION
PUTNAM COUNTY BUREAU OF EMERGENCY SERVICES
QONCEPT HOLDINGS LLC
RADIO DYNAMICS
SUFFOLK, COUNTY OF
SW NETWORKS
TEXAS EASTERN COMMUNICATIONS, LLC.
THE OFFICE OF EMERGENCY TELECOMMUNICATIONS, THE STATE OF NEW JER
TRANSCONTINENTAL GAS PIPE LINE CO., LLC
TRANSWAVE COMMUNICATION SYSTEMS, INC.
UNITI FIBER LLC
WARREN COUNTY DEPARTMENT OF PUBLIC SAFETY

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WEBLINE HOLDINGS LLC
WESTCHESTER, COUNTY OF
WIRELESS APPLICATIONS CORP
WIRELESS INTERNETWORK, LLC
WORLD CLASS WIRELESS, LLC
XWAVE ENGINEERING LLC

Respectfully Submitted,



Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

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TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

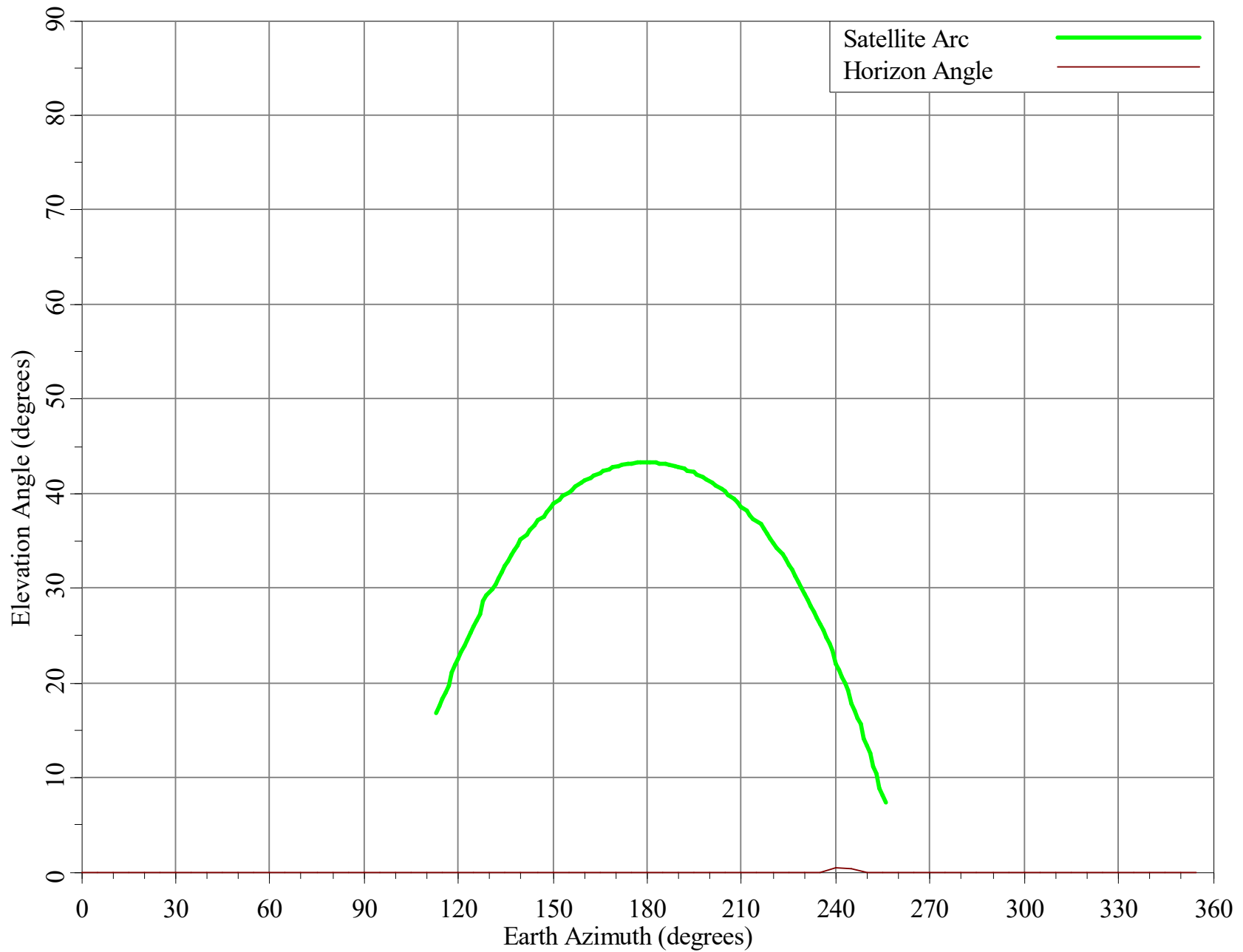
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Company:	MTN License Corp.		
Site Name, State:	Homdel, NJ		
Call Sign:			
Latitude	(NAD83)	40 23	42.4 N
Longitude	(NAD83)	74 10	23.5 W
Elevation AMSL	(ft/m)	339.89	103.60
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	18.00	143.00
Range of Azimuths from North	(deg)	113.47	255.91
Antenna Centerline	(ft/m)	30.18	9.20
Antenna Elevation Angles	(deg)	16.78	7.36

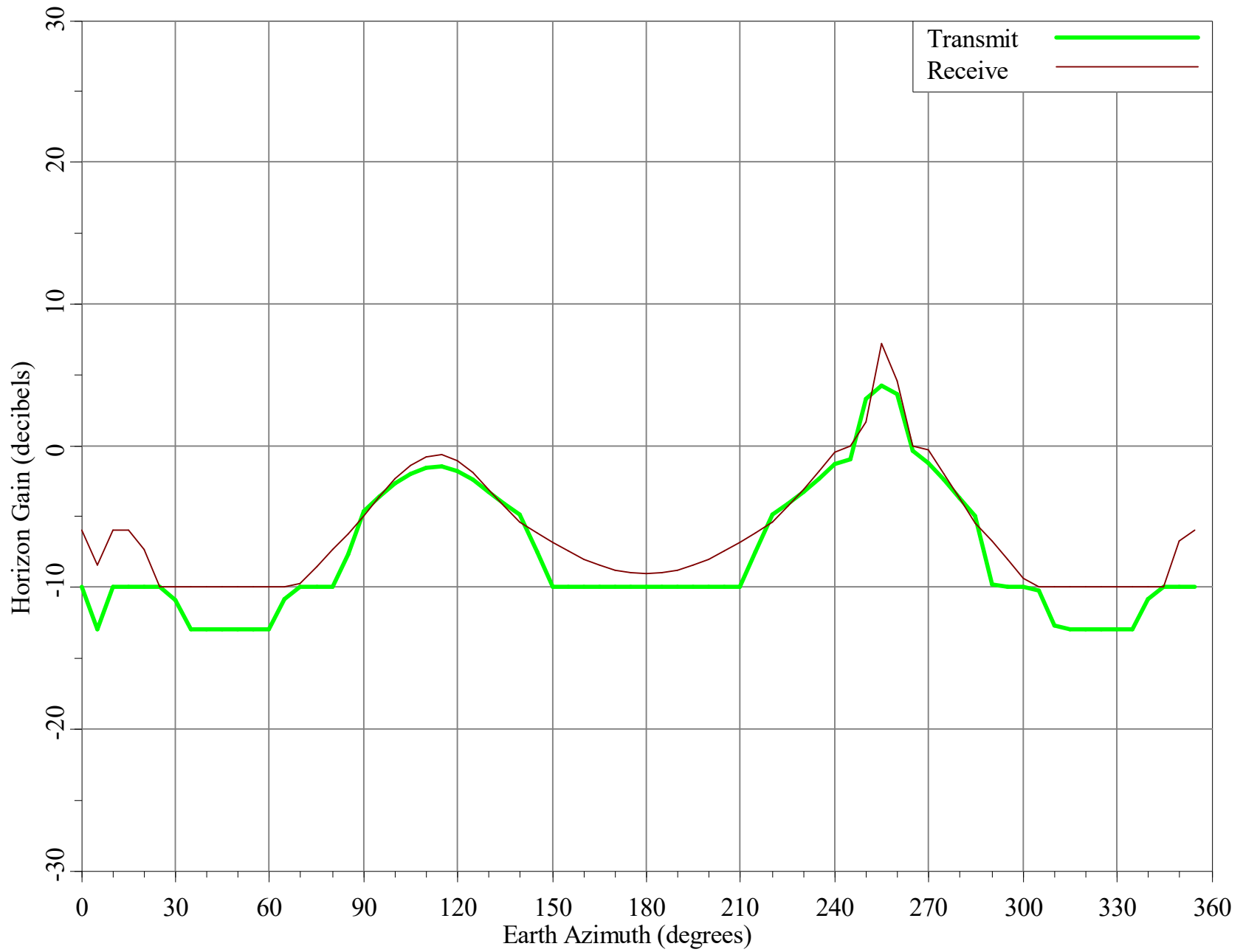
Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	55.20	58.60
15 DB Half Beamwidth	(deg)	0.58	0.37
Antennas	Receive: VERTEX 16.4M		
	Transmit: VERTEX 16.4M		
Max Transmitter Power	(dbW/4KHz)		-21.60
Max EIRP Main Beam	(dbW/4KHz)		37.00
Modulation / Emission Designator	DIGITAL 36M0G7W		

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	487.87	157.68
Max Rain Scatter Distances	(km)	545.83	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-149.90	-130.80
Rain Zone / Radio Zone		2	A

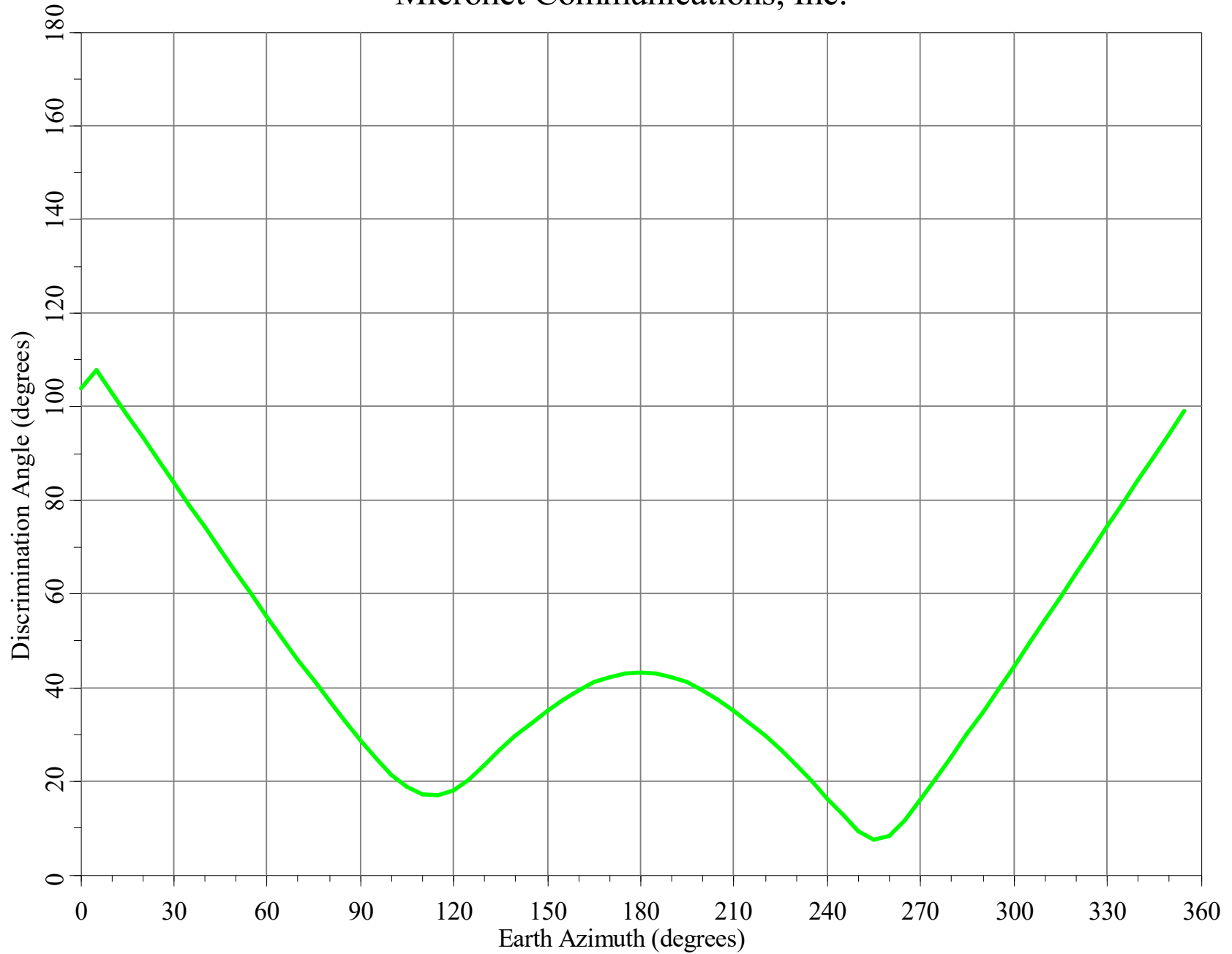
Horizon Angle & Satellite Arc for Homdel, NJ Micronet Communications, Inc.



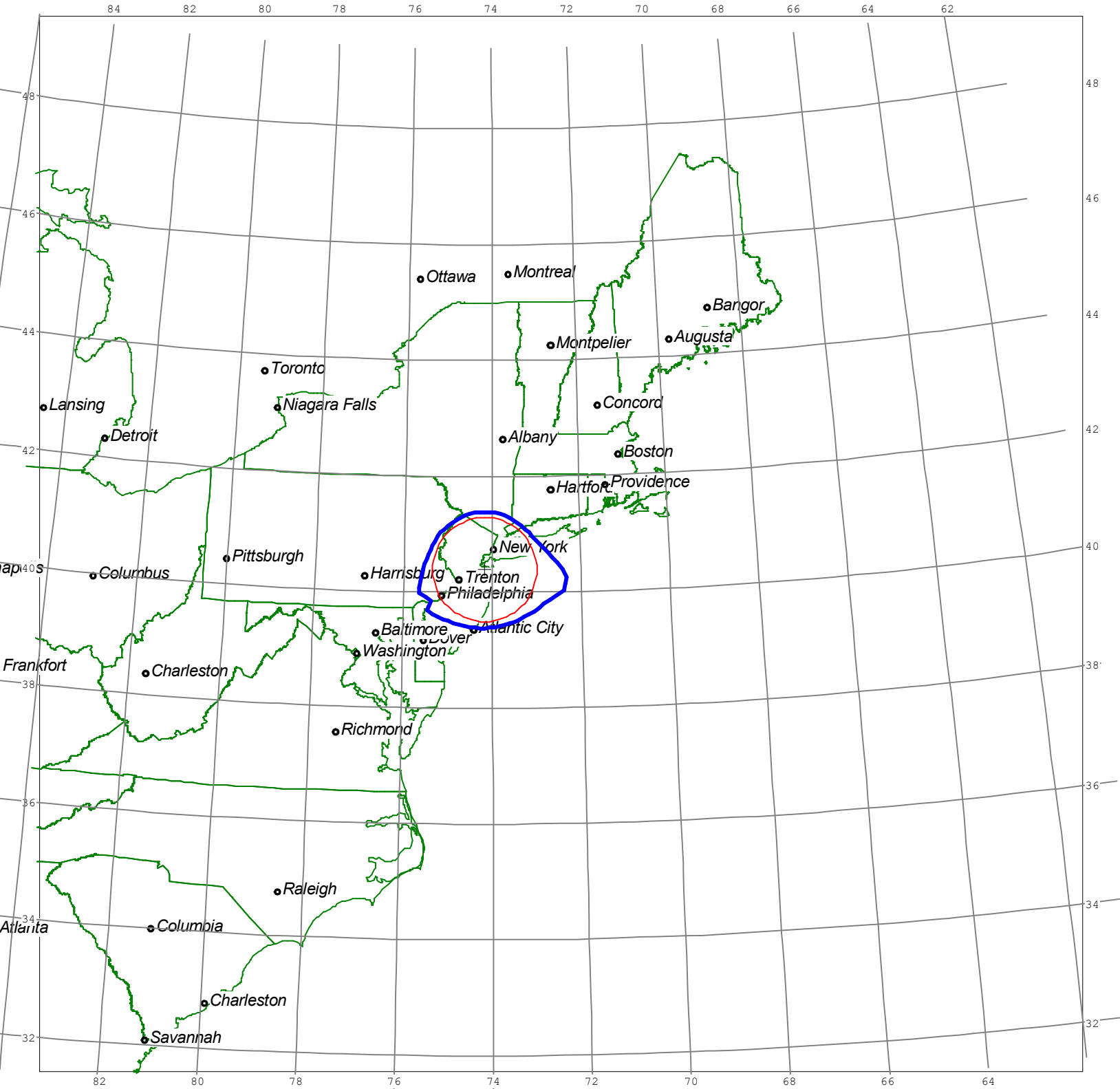
Horizon Gain for Homdel, NJ
Micronet Communications, Inc.



Minimum Discrimination Angles for Homdel, NJ
Micronet Communications, Inc.



Final Contour & Rain Scatter for Homdel, NJ - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter

for Homdel, NJ - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

