

Micronet Communications, Inc.

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1535109 5.93 GHz
Licensee: MOODY BIBLE INSTITUTE

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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:

Moody Bible, 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:

01/13/2016 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
AGILE NETWORK BUILDERS
ALPHA MEDIA LICENSEE, LLC.
AT&T MOBILITY SPECTRUM LLC
BUTLER COUNTY SHERIFF - COMMUNICATIONS
CELLCO PARTNERSHIP
CLEAR SPIRAL LLC
COMSEARCH INC
CONTERRA ULTRA BROADBAND LLC
CYBERLINK INTERNATIONAL
DAYTON POWER AND LIGHT COMPANY
DUKE ENERGY BUSINESS SERVICES, LLC
DUKE ENERGY CAROLINAS LLC - INDIANA
ECW WIRELESS LLC ON BEHALF OF ITSELF & ITS AFFILIATED COMPANIES
FCSA SERVICES
FUNDAMENTAL BROADCASTING LLC
GTE MOBILNET OF INDIANA LIMITED PARTNERSHIP
HAMILTON COUNTY OF IN
HENDRICKS COUNTY COMMUNICATIONS CENTER
HOOSIER ENERGY RURAL ELECTRIC COOPERATIVE INC
INDIANA MICHIGAN POWER COMPANY D/B/A AMERICAN ELECTRIC POWER
INDIANA RSA #2 PARTNERSHIP
INDIANA RSA #4 LIMITED PARTNERSHIP
INDIANA STATE OF (IPSC)
INDIANA STATE OF DEPT OF TRANSPORTATION
INDIANA STATE POLICE
MADISON COUNTY OF
METROPOLITAN EMERGENCY COMMUNICATIONS AGENCY
MICRONET COMMUNICATIONS INC

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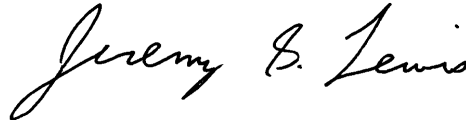
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MOBILCOMM INC
NEW CINGULAR WIRELESS PCS - INDIANA
NEW CINGULAR WIRELESS PCS LLC
NEW CINGULAR WIRELESS PCS LLC - INDIANA
NORFOLK & SOUTHERN RAILWAY CO
NORFOLK SOUTHERN RAILWAY CO
NORTHERN INDIANA PUBLIC SERVICE COMPANY
OPEN LINE COMMUNICATIONS
PA COMMUNICATIONS
PANHANDLE EASTERN PIPE LINE COMPANY
PERSEUS TECHNOLOGY HOLDINGS USA INC.
PIONEER RURAL ELECTRIC COOPERATIVE INC
RADIO DYNAMICS
SOUTH CENTRAL INDIANA REMC
T-MOBILE LICENSE LLC
TORELLCO LLC
UTILITIES DISTRICT OF WESTERN INDIANA
VERIZON WIRELESS (VAW) LLC
W.A.T.C.H. TV COMPANY INC
WARREN COUNTY TELECOMMUNICATIONS DEPT.
WATERLEAF INTERNATIONAL LLC
WIRELESS APPLICATIONS CORP
WORLD CLASS WIRELESS 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:	MOODY BIBLE INSTITUTE		
Site Name, State:	Moody Bible, IN		
Call Sign:			
Latitude	(NAD83)	40 3	43.7 N
Longitude	(NAD83)	85 42	29.7 W
Elevation AMSL	(ft/m)	862.30	262.83
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-5959.85/6019.5-6241.54/6360.49-6425	
Range of Satellite Orbital Long.	(deg W)	43.00	139.00
Range of Azimuths from North	(deg)	124.89	244.36
Antenna Centerline	(ft/m)	8.53	2.60
Antenna Elevation Angles	(deg)	26.45	19.02

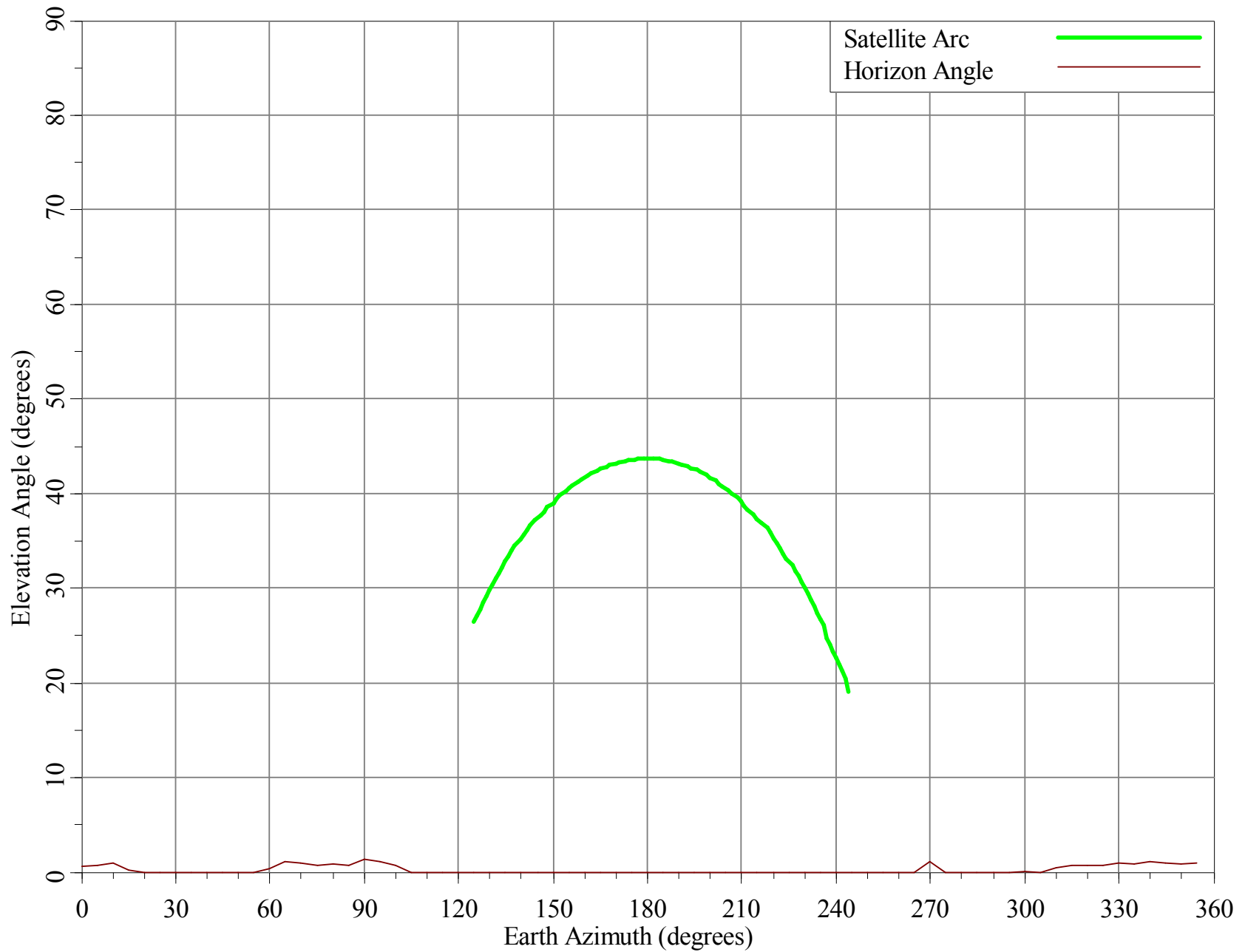
Equipment Parameters	Receive	Transmit
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Antenna Gain, Main Beam	(dbI)	41.90	45.90
15 DB Half Beamwidth	(deg)	2.00	1.00
Antennas	Receive: PRODELIN 1385 (3.8M)		
	Transmit: PRODELIN 1385 (3.8M)		
Max Transmitter Power	(dbW/4KHz)		-15.23
Max EIRP Main Beam	(dbW/4KHz)		30.67
Modulation / Emission Designator	DIGITAL 400KG7W		

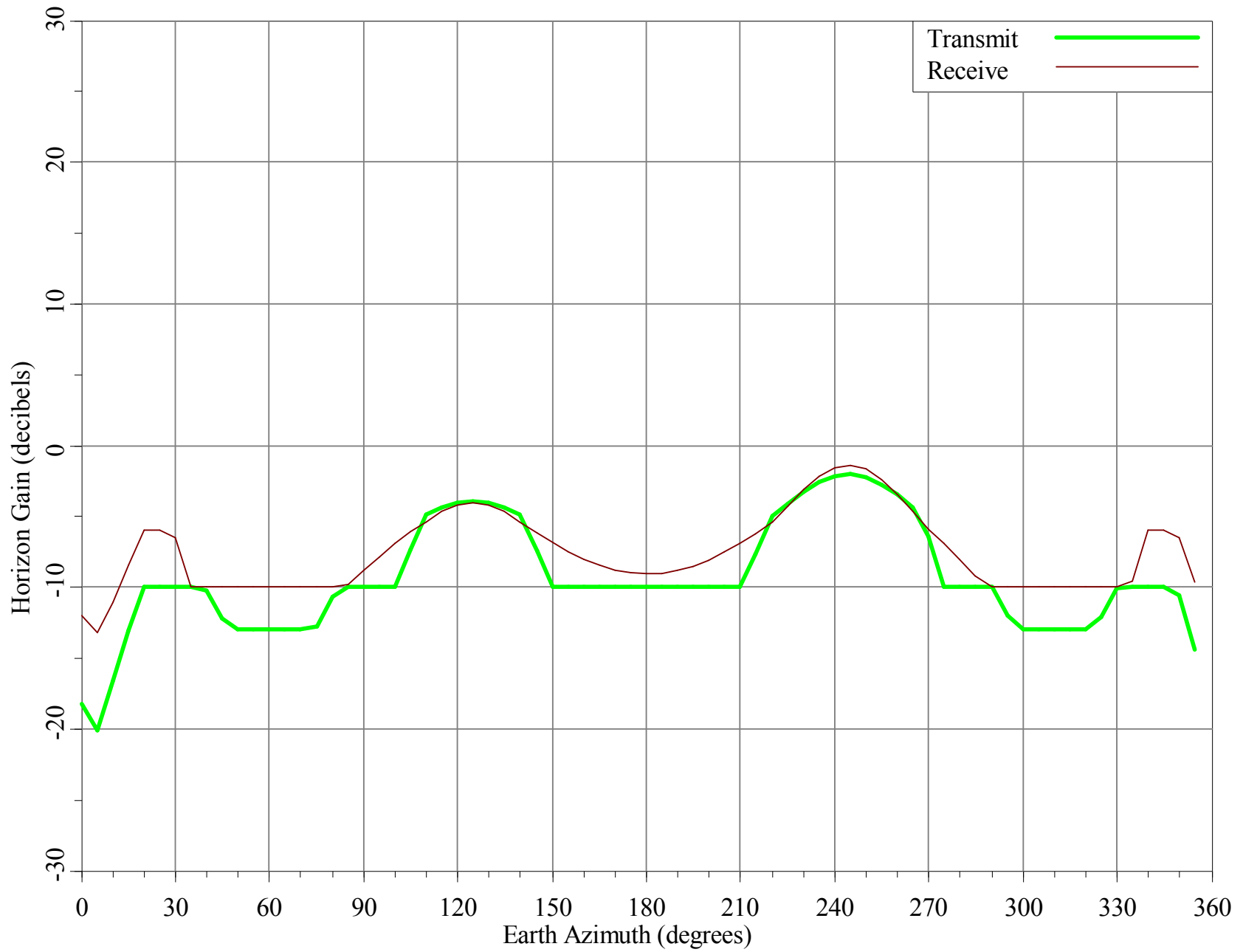
Coordination Parameters	Receive	Transmit
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Max Greater Circle Distances	(km)	286.01	145.26
Max Rain Scatter Distances	(km)	406.62	100.00
Max Interference Power Long Term	(dbW)	-140.60	-151.80
Max Interference Power Short Term	(dbW)	-118.40	-130.80
Rain Zone / Radio Zone		2	A

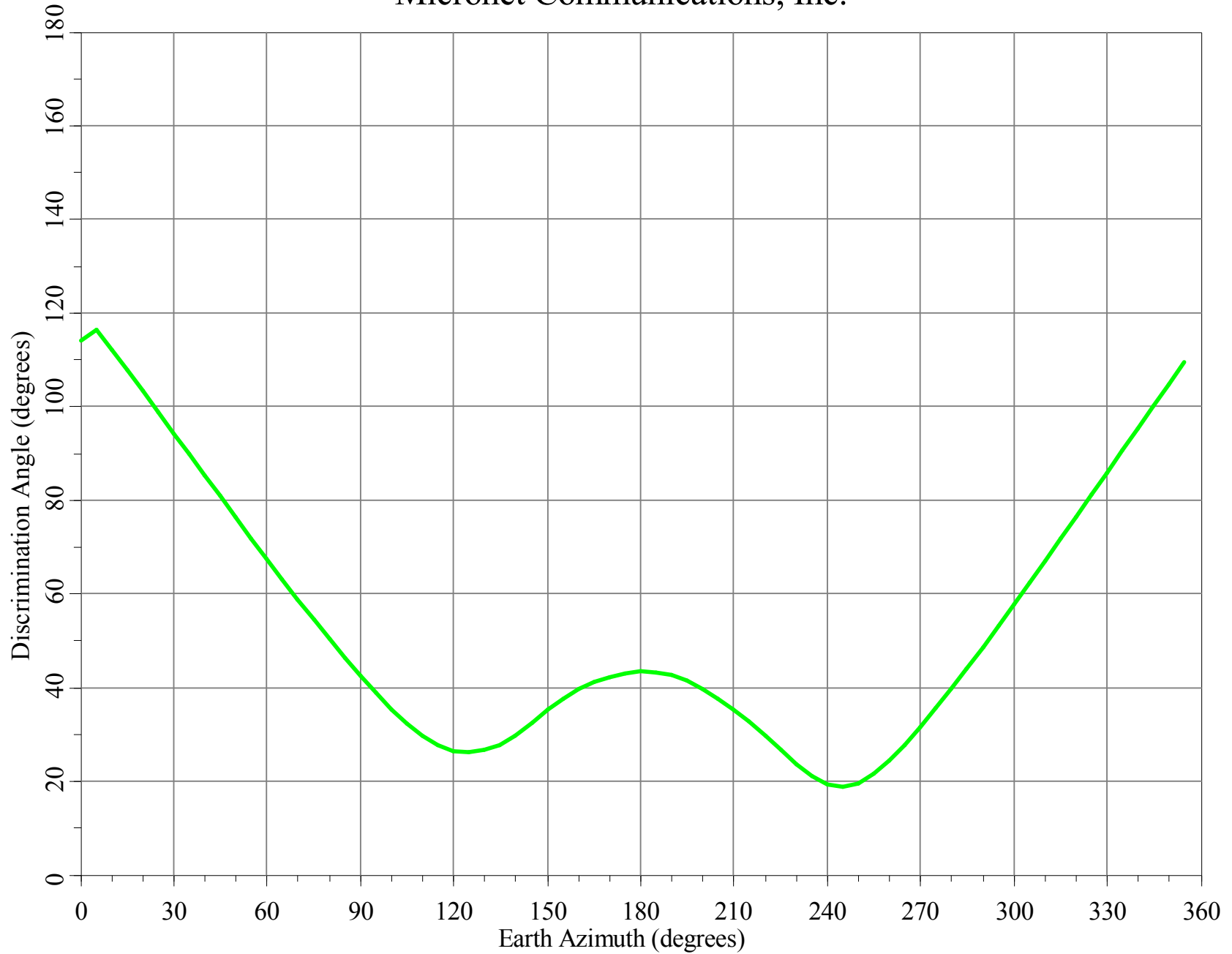
Horizon Angle & Satellite Arc for Moody Bible, IL Micronet Communications, Inc.



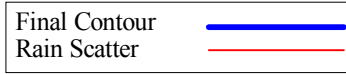
Horizon Gain for Moody Bible, IL Micronet Communications, Inc.



Minimum Discrimination Angles for Moody Bible, IL
Micronet Communications, Inc.



Final Contour & Rain Scatter for Moody Bible, IL - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter for Moody Bible, IL - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

