

Micronet Communications, Inc.
 720 F Avenue, Suite 100
 Plano, Texas 75074
 972-422-7200

File: E1815210

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company:	Eagle Communications, Inc.		
Site Name, State:	North Platte, NE		
Call Sign:			
Latitude	(NAD83)	41 8	5.7 N
Longitude	(NAD83)	100 44	52.7 W
Elevation AMSL	(ft/m)	2795.27	852.00
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	72.00	139.00
Range of Azimuths from North	(deg)	140.18	230.16
Antenna Centerline	(ft/m)	5.91	1.80
Antenna Elevation Angles	(deg)	34.15	28.65

Equipment Parameters Receive

Antenna Gain, Main Beam	(dbI)	41.50
15 DB Half Beamwidth	(deg)	3.20

Antennas Receive: PATRIOT ANTENNA SYSTEMS PRT-380 (3.8 M)

Max Transmitter Power	(dbW/4KHz)	
Max EIRP Main Beam	(dbW/4KHz)	
Modulation / Emission Designator	DIGITAL	36M0G7W

Coordination Parameters Receive

Max Greater Circle Distances	(km)	279.56
Max Rain Scatter Distances	(km)	397.44
Max Interference Power Long Term	(dbW)	-140.60
Max Interference Power Short Term	(dbW)	-118.40
Rain Zone / Radio Zone		2 A

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company: Eagle Communications, Inc.
Site Name, State: North Platte, NE
Call Sign:
Latitude (NAD83) 41 8 5.7 N
Longitude (NAD83) 100 44 52.7 W
Elevation AMSL (ft/m) 2795.27 852.00
Receive Frequency Range (MHz) 3700-4200
Transmit Frequency Range (MHz)
Range of Satellite Orbital Long. (deg W) 72.00 139.00
Range of Azimuths from North (deg) 140.18 230.16
Antenna Centerline (ft/m) 5.91 1.80
Antenna Elevation Angles (deg) 34.15 28.65

Equipment Parameters Receive

Antenna Gain, Main Beam (dbI) 41.50
15 DB Half Beamwidth (deg) 3.20

Antennas Receive: PATRIOT ANTENNA SYSTEMS PRT-380 (3.8 M)

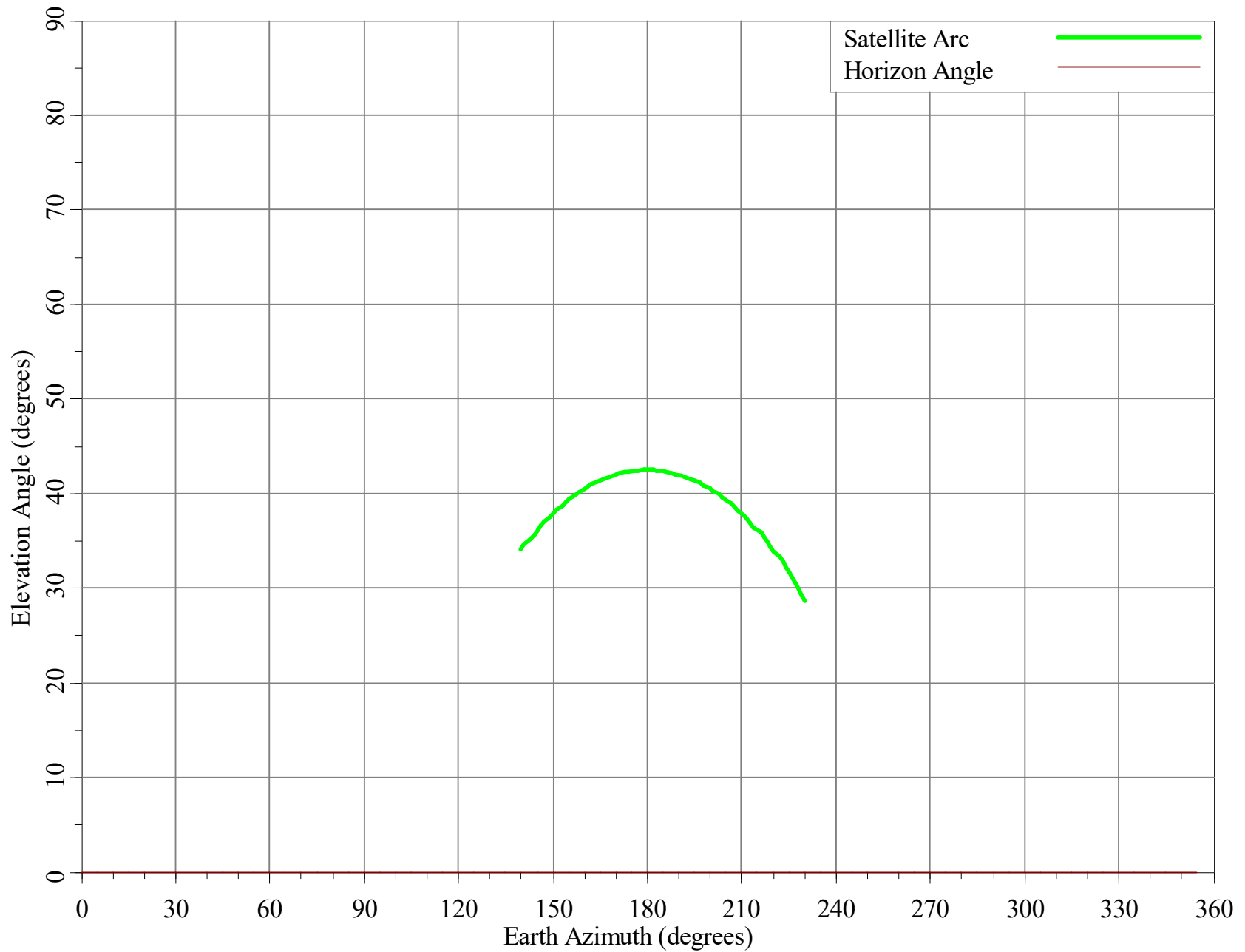
Max Transmitter Power (dbW/4KHz)
Max EIRP Main Beam (dbW/4KHz)
Modulation / Emission Designator DIGITAL 36M0G7W

Coordination Parameters Receive

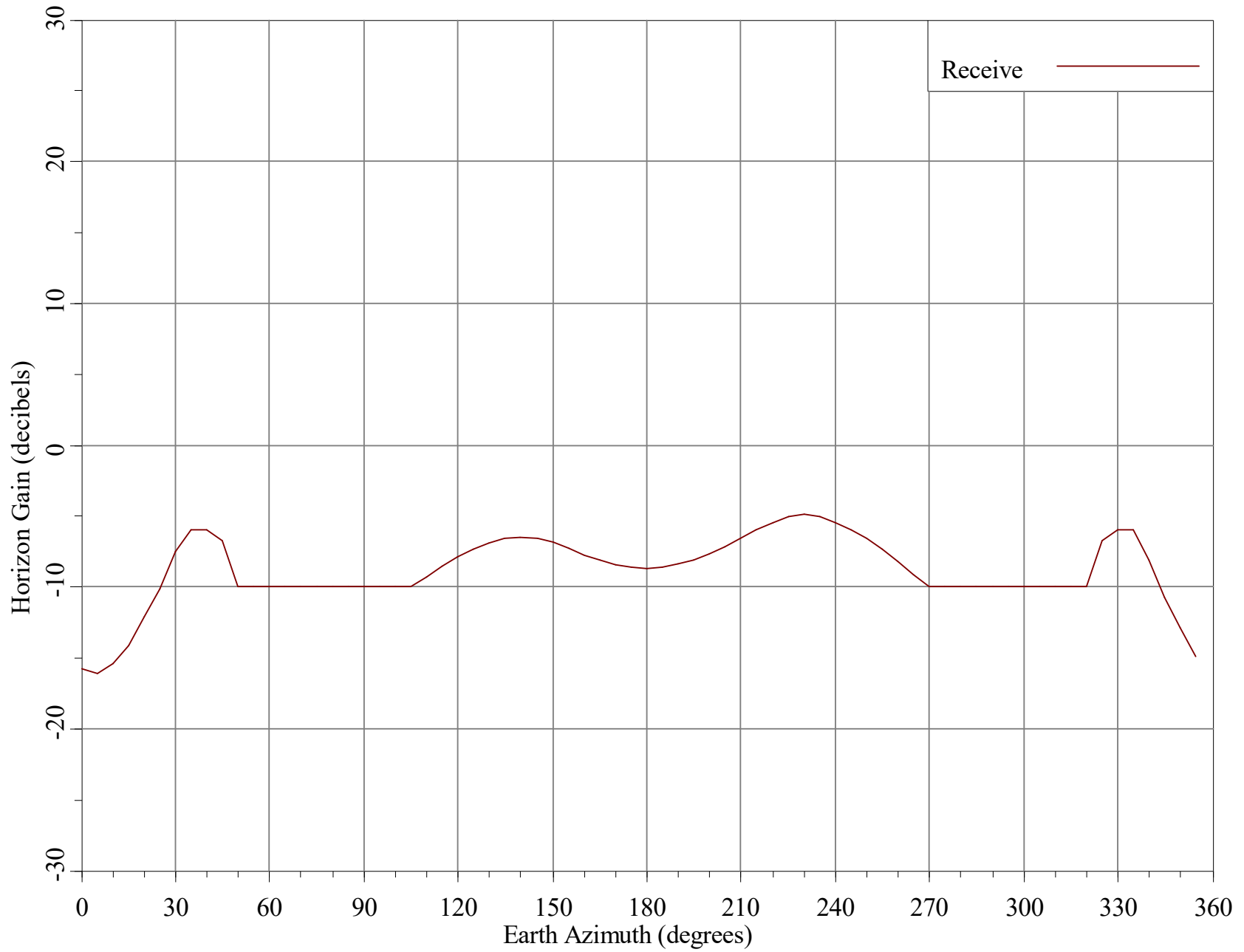
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Rain Zone / Radio Zone 2 A

Horizon Angle & Satellite Arc for North Platte, NE

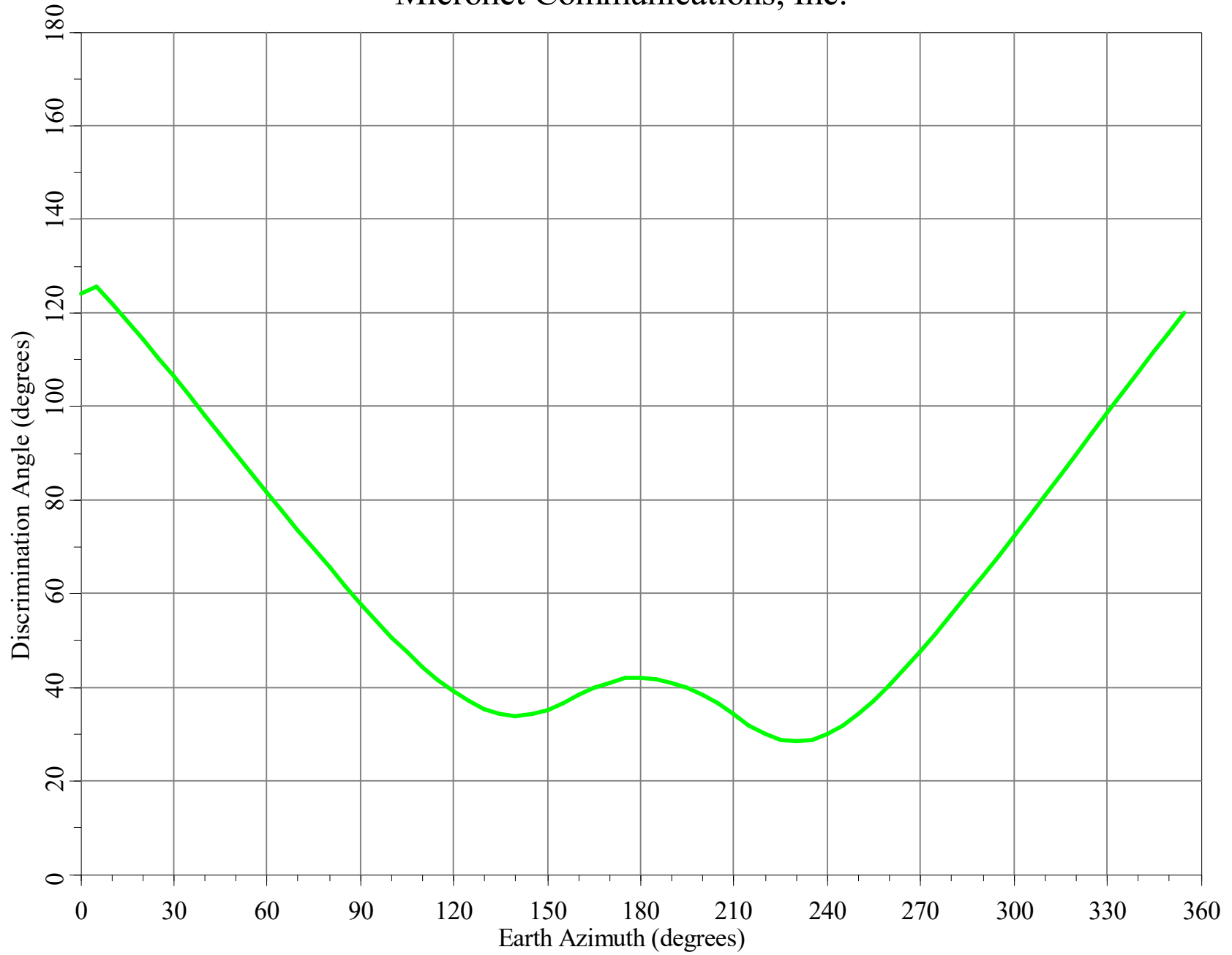
Micronet Communications, Inc.



Horizon Gain for North Platte, NE Micronet Communications, Inc.



Minimum Discrimination Angles for North Platte, NE
Micronet Communications, Inc.



Final Contour & Rain Scatter for North Platte, NE - Receive

