Entravision Communications, LLC
Albuquerque Site
Coordinates: 35-06-45 N, 106-37-49 W (NAD 83)

CAVELL MERTZ & Associates, Inc.

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1820012 3.70 GHz
Licensee: ENTRAVISION HOLDINGS, LLC

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:

Entravision KLUZ, NM

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:

07/30/2018 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:

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

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

File: M1820012

TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

Company:		ENTRAVISION HOLDINGS, LLC	
Site Name, State:		Entravision KLUZ, NM	
Call Sign:			
Latitude	(NAD83)	35 6 44.0 N	
Longitude	(NAD83)	106 37 51.1 W	
Elevation AMSL	(ft/m)	5022.96	1531.00
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	65.00	143.00
Range of Azimuths from North	(deg)	122.91	232.01
Antenna Centerline	(ft/m)	8.20	2.50
Antenna Elevation Angles	(deg)	30.20	34.01

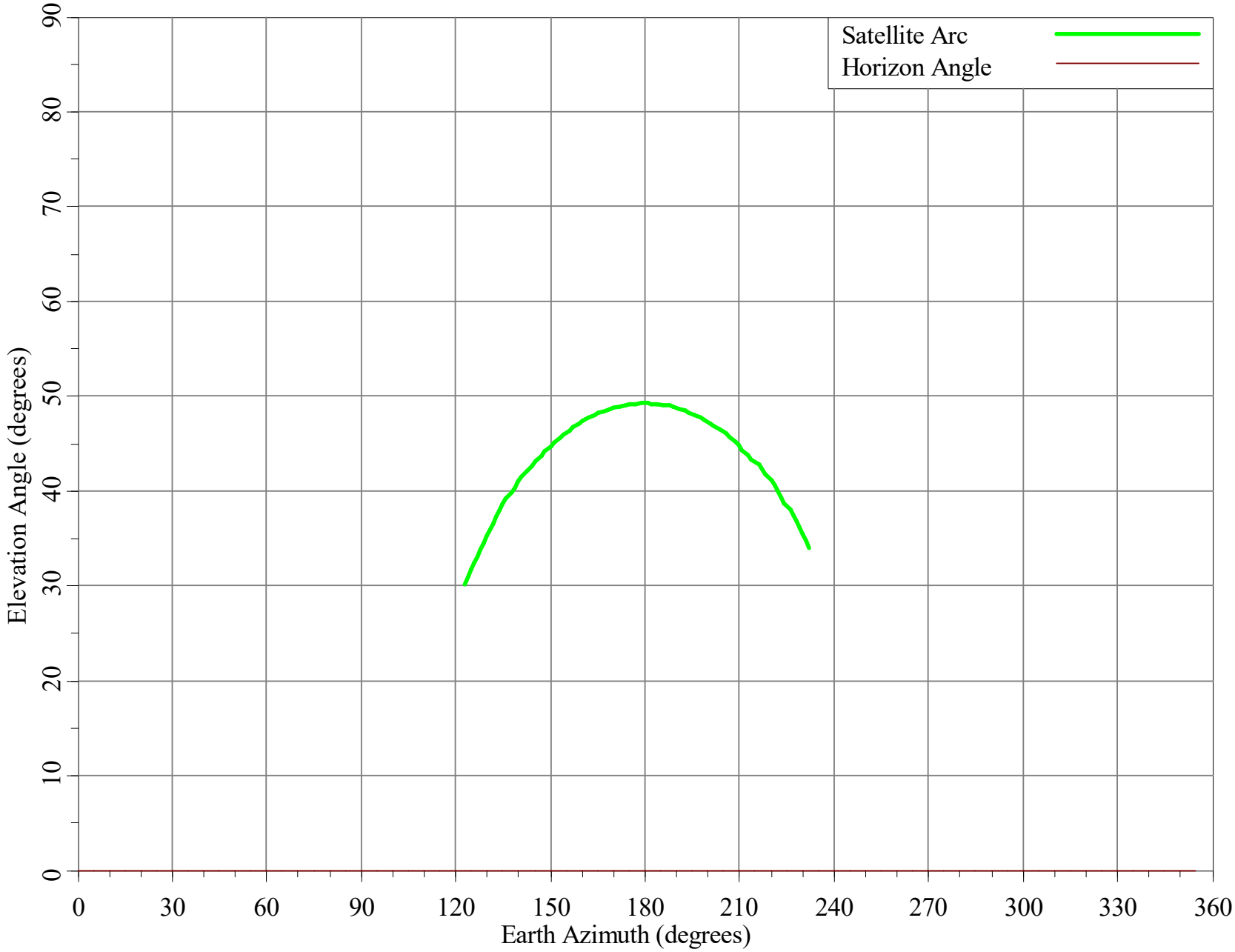
Equipment Parameters		Receive
Antenna Gain, Main Beam	(dbI)	46.50
15 DB Half Beamwidth	(deg)	1.46

Antennas Receive: SCIENTIFIC ATLANTA 8005 (4.6M)

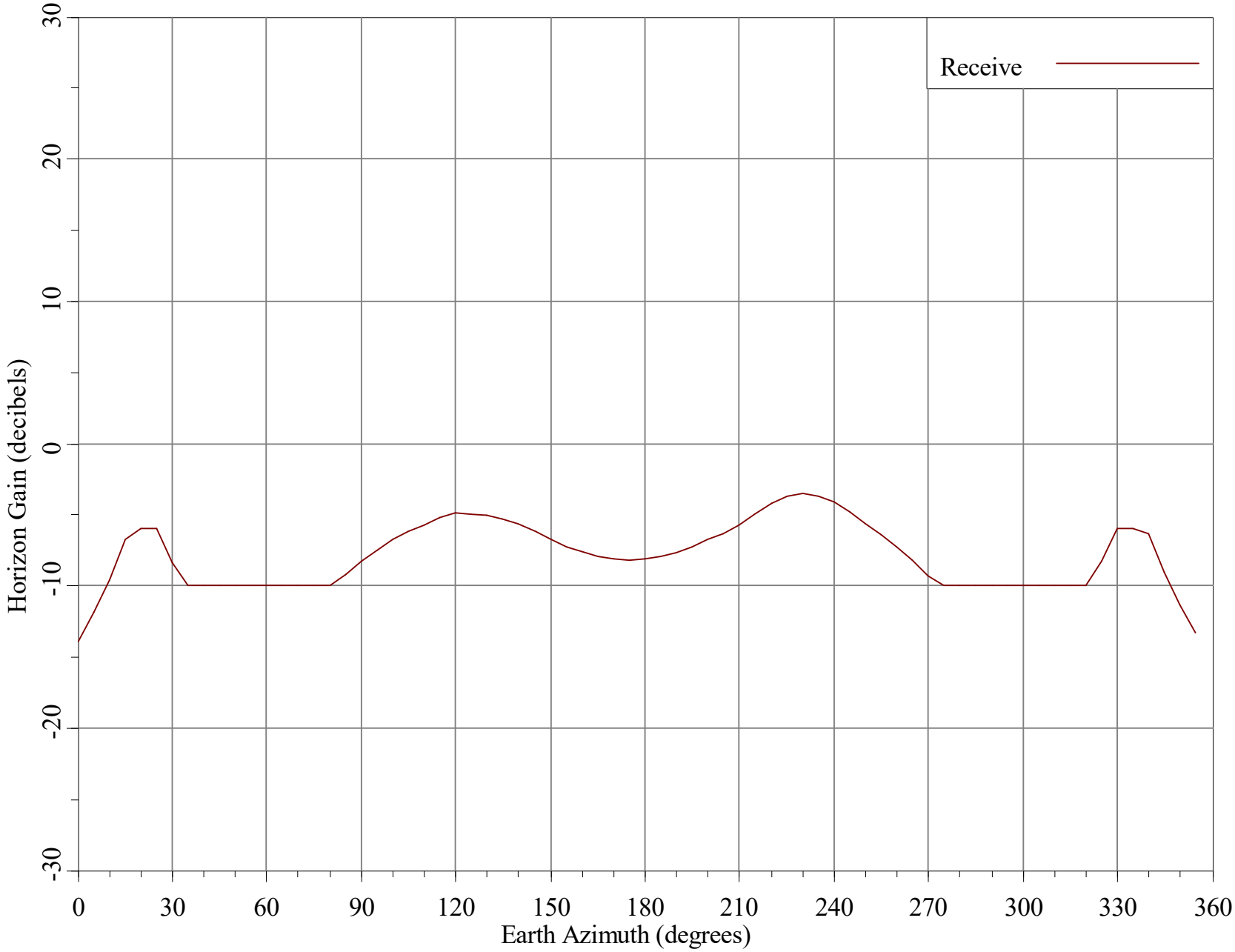
Max Transmitter Power	(dbW/4KHz)	
Max EIRP Main Beam	(dbW/4KHz)	
Modulation / Emission Designator	ANALOG	36M0G7W

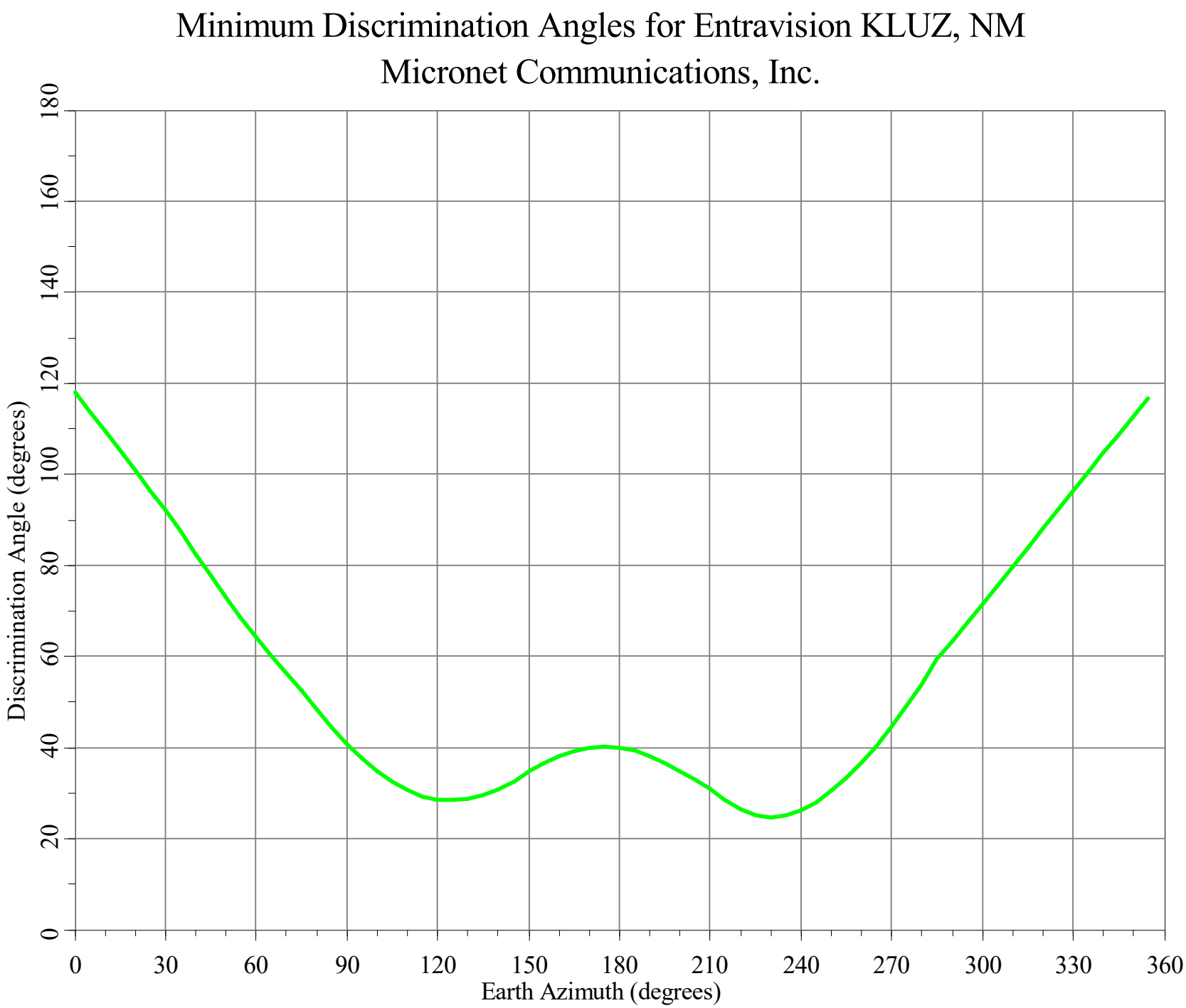
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	204.83	
Max Rain Scatter Distances	(km)	239.33	
Max Interference Power Long Term	(dbW)	-140.60	
Max Interference Power Short Term	(dbW)	-118.40	
Rain Zone / Radio Zone		2	A

Horizon Angle & Satellite Arc for Entravision KLUZ, NM
Micronet Communications, Inc.



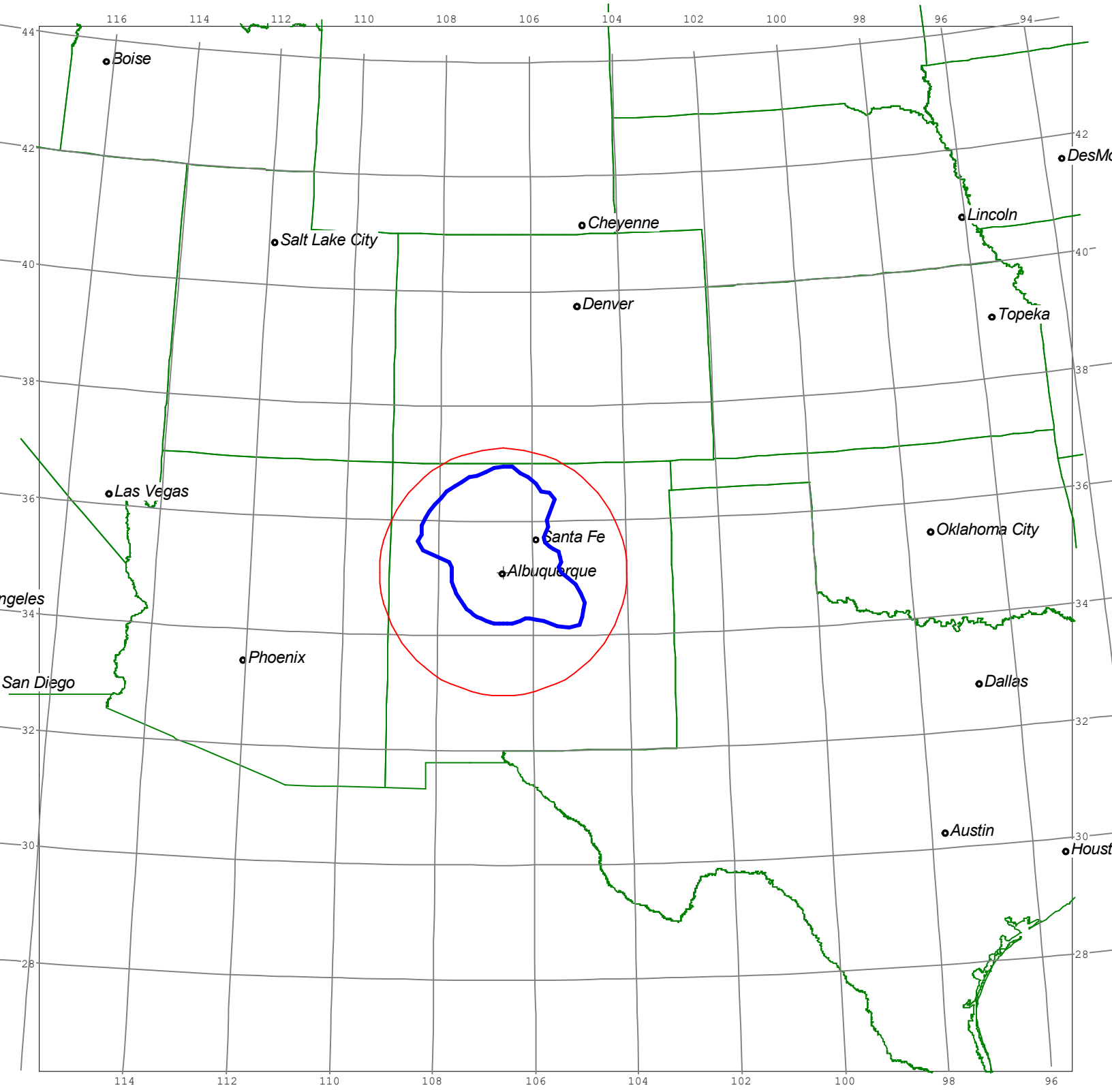
Horizon Gain for Entravision KLUZ, NM
Micronet Communications, Inc.




Minimum Discrimination Angles for Entravision KLUZ, NM
Micronet Communications, Inc.
Discrimination Angle (degrees)
0
20
40
60
80
100
120
140
160
180
Earth Azimuth (degrees)
0
30
60
90
120
150
180
210
240
270
300
330
360

Final Contour & Rain Scatter
for Entravision KLUZ, NM - Receive

Final Contour
Rain Scatter



SCALE - 1:10000000 1 inch = 157.8 miles