Exhibit A

Frequency Coordination

Per 47 C.F.R. Ch. 1 §25.130(b), attached is a "Frequency Coordination and Interference Analysis Report" performed pursuant to 47 C.F.R. Ch. 1 §25.203 for the following locations associated with FCC Call Sign E080229:

- Anchorage
- Cold bay
- Fort Yukon
- Galena
- Iliamna
- King Cove
- Nome
- St. Paul
- Sand Point
- Unalaska

Exhibit A

Frequency Coordination

Site: Anchorage

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M2014814 5.93 GHz
Licensee: TelAlaska Cellular, Inc.

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:

Anchorage, AK

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:

10/29/2020 Original PCN (Expedited response requested by 11/12/2020)
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:

ACS LONG DISTANCE LICENSE SUB, LLC
ACS OF ANCHORAGE LICENSE SUB, INC.
ACS OF THE NORTHLAND LICENSE SUB, LLC
ALASCOM, INC.
ALASKA PIPELINE COMPANY
ALASKA PUBLIC TELECOMMUNICATIONS, INC
ALASKA RAILROAD CORPORATION
ALASKA, STATE OF
AT&T MOBILITY SPECTRUM LLC
CELLCO PARTNERSHIP
CHUGACH ELECTRIC ASSOCIATION, INC.
COLORADO 7-SAGUACHE LIMITED PARTNERSHIP
COMSEARCH INC
ENSTAR NATURAL GAS CO., A DIVISION OF SEMCO ENERGY, INC.
GCI COMMUNICATION CORP
HOMER ELECTRIC ASSOCIATION INC
HORIZON SATELLITE, LLC
KODIAK MICROWAVE SYSTEM, LLC
MATANUSKA TELEPHONE ASSOCIATION
MATANUSKA-SUSITNA, BOROUGH OF
MICRONET COMMUNICATIONS INC
NORSTAR PIPELINE COMPANY, INC. AN ALASKA CORPORATION WHOLLY OWNE
NUSHAGAK ELECTRIC & TELEPHONE COOP
RADIO DYNAMICS
THE ALASKA WIRELESS NETWORK, LLC

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M2014814 5.93 GHz
Licensee: TelAlaska Cellular, Inc.

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

File: M2014814

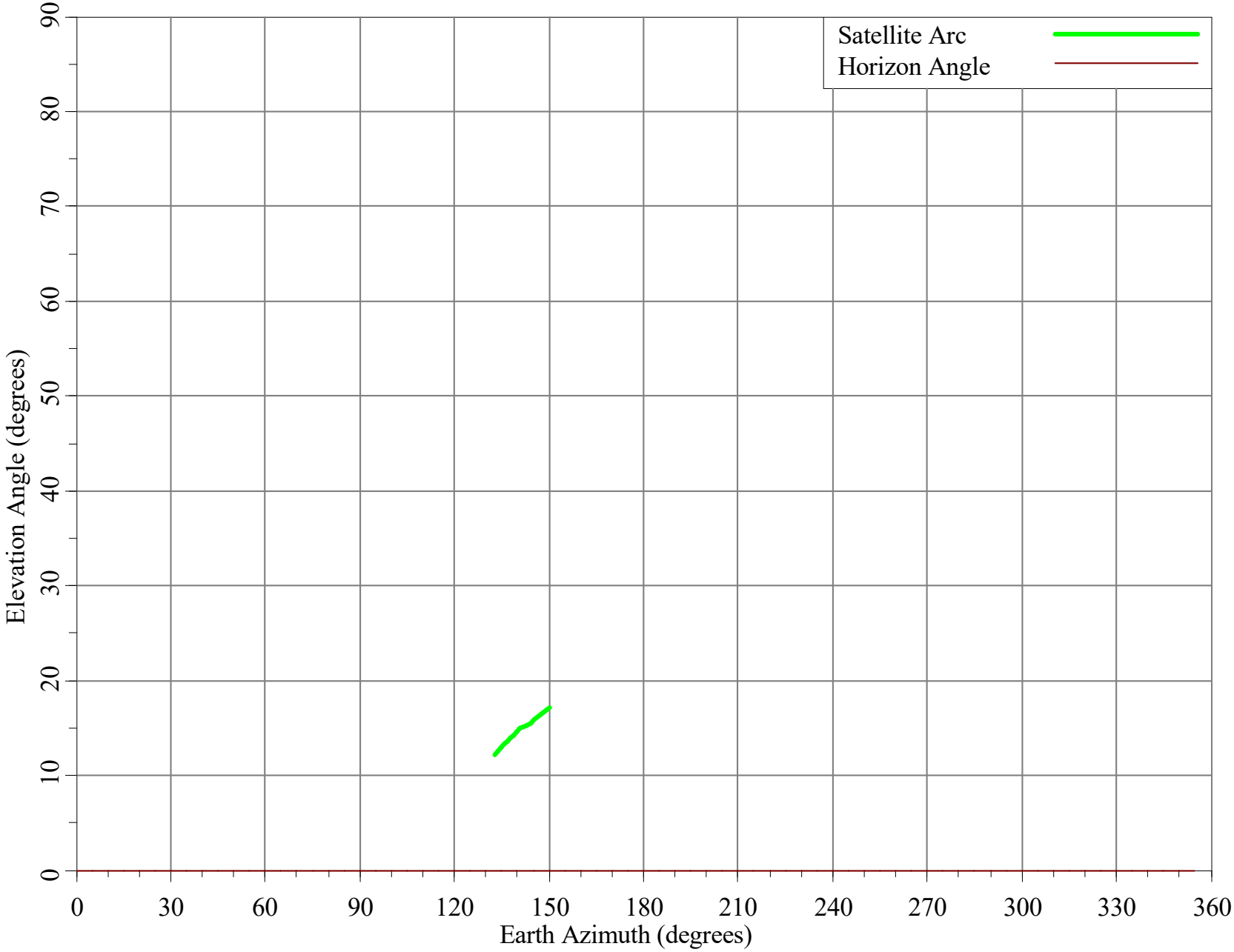
TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

Company:		TelAlaska Cellular, Inc.	
Site Name, State:		Anchorage, AK	
Call Sign:		E080229	
Latitude	(NAD83)	61 10 13.5 N	
Longitude	(NAD83)	149 52 47.9 W	
Elevation AMSL	(ft/m)	128.00	39.01
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-5930.2/6167.75-6182.24/6419.79-6420.9/6424.1-6425	
Range of Satellite Orbital Long.	(deg W)	107.00	123.00
Range of Azimuths from North	(deg)	133.33	149.95
Antenna Centerline	(ft/m)	50.50	15.39
Antenna Elevation Angles	(deg)	12.21	17.18

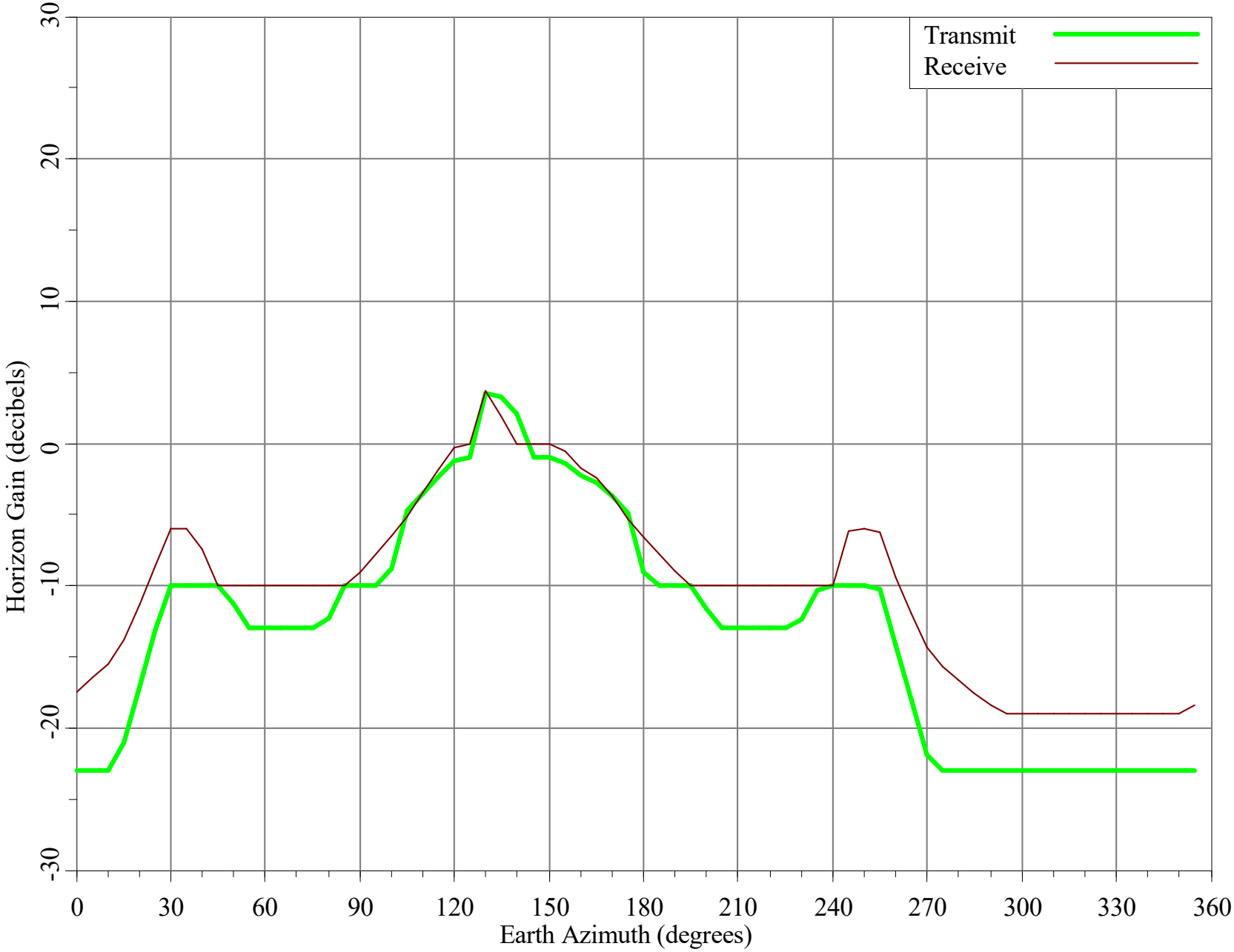
Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	41.90	46.20
15 DB Half Beamwidth	(deg)	4.00	2.00
Antennas	Receive: PRODELIN 1385 (3.8M)		
	Transmit: PRODELIN 1385 (3.8M)		
Max Transmitter Power	(dbW/4KHz)		-2.70
Max EIRP Main Beam	(dbW/4KHz)		43.50
Modulation / Emission Designator	DIGITAL	100KG7W	100KG8W 36M0G7W36M0D7W

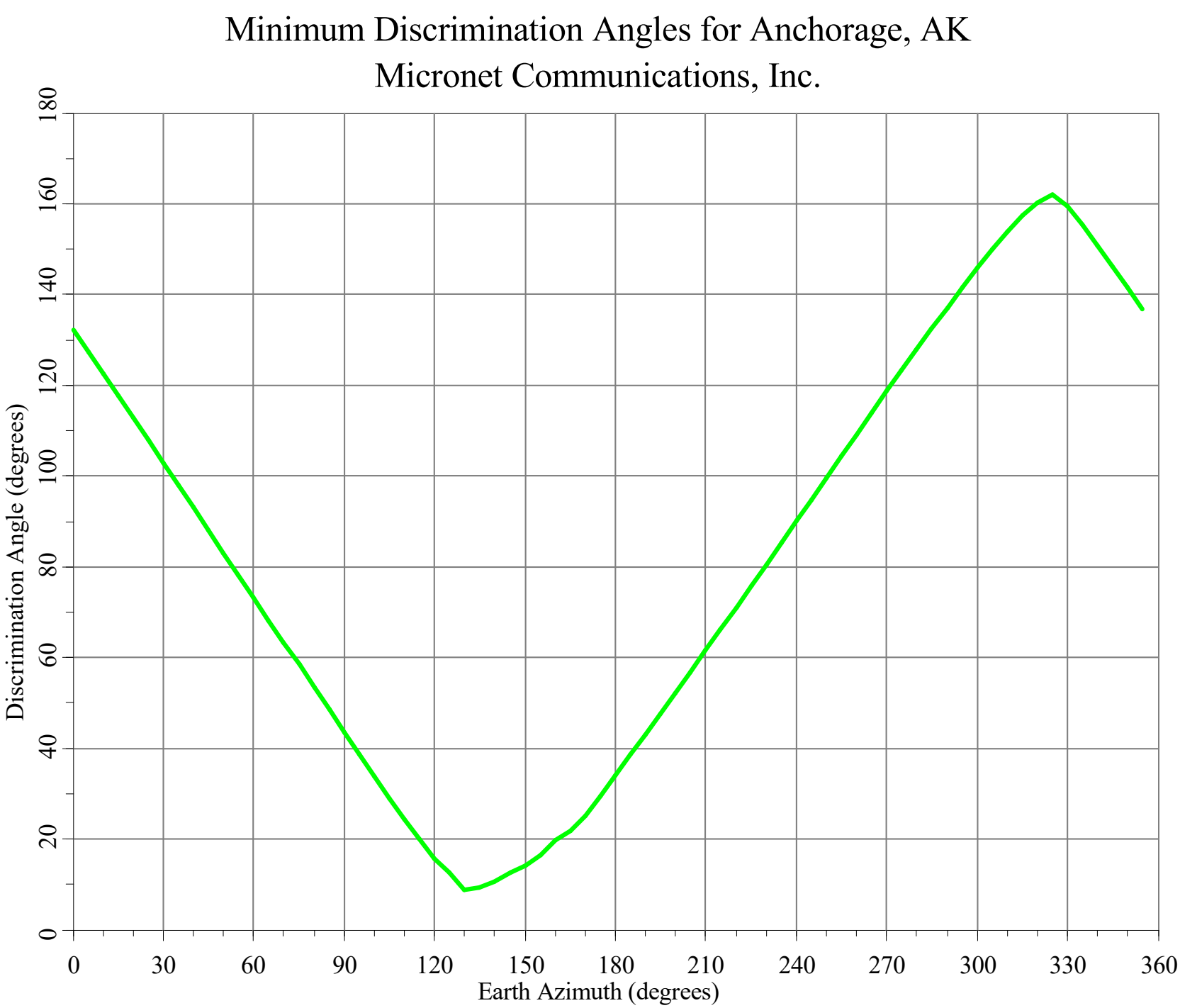
Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	487.87	229.69
Max Rain Scatter Distances	(km)	377.76	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		3	A

Horizon Angle & Satellite Arc for Anchorage, AK
Micronet Communications, Inc.

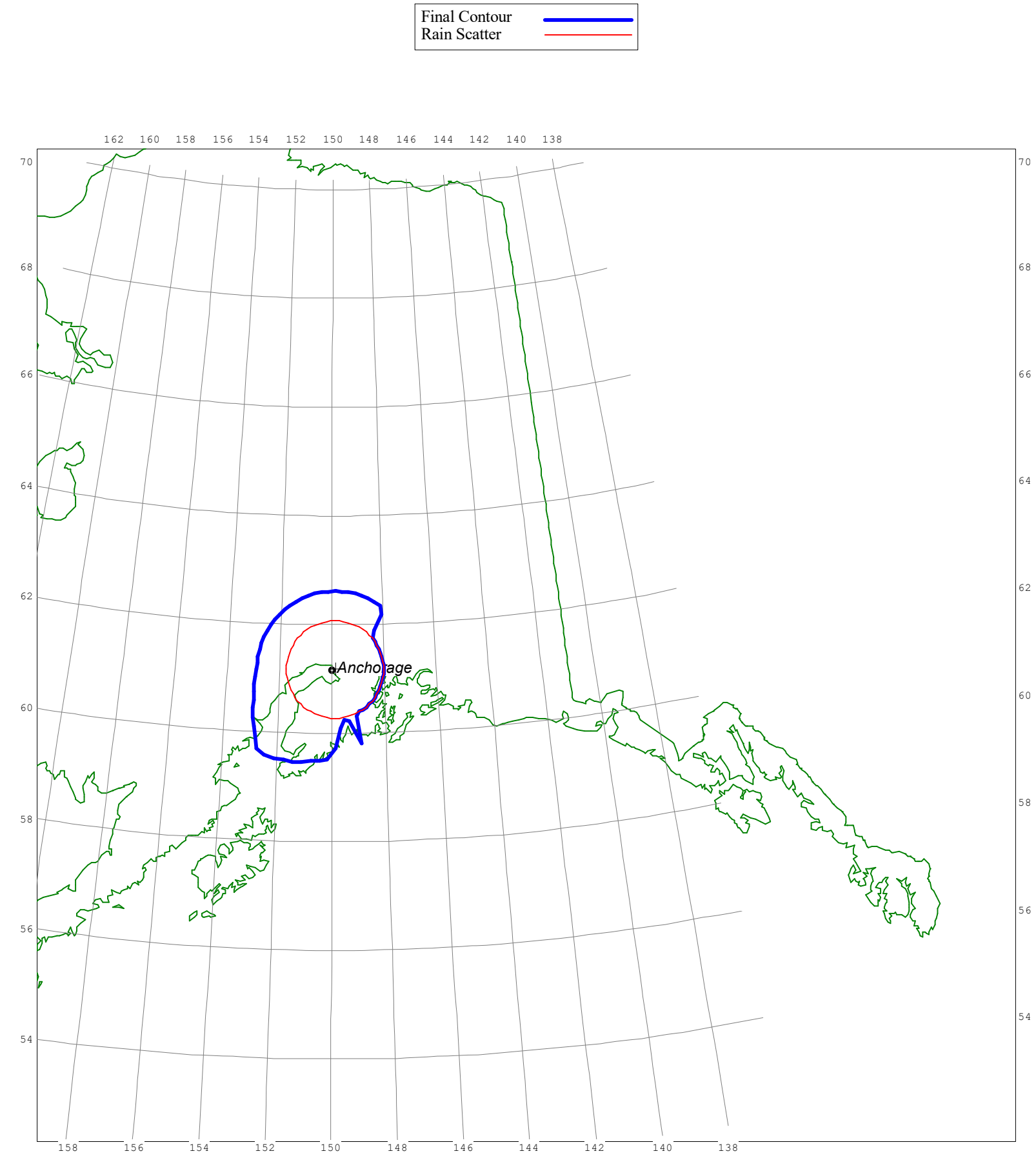


Horizon Gain for Anchorage, AK
Micronet Communications, Inc.




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

Final Contour & Rain Scatter for Anchorage, AK - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter for Anchorage, AK - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour

Rain Scatter

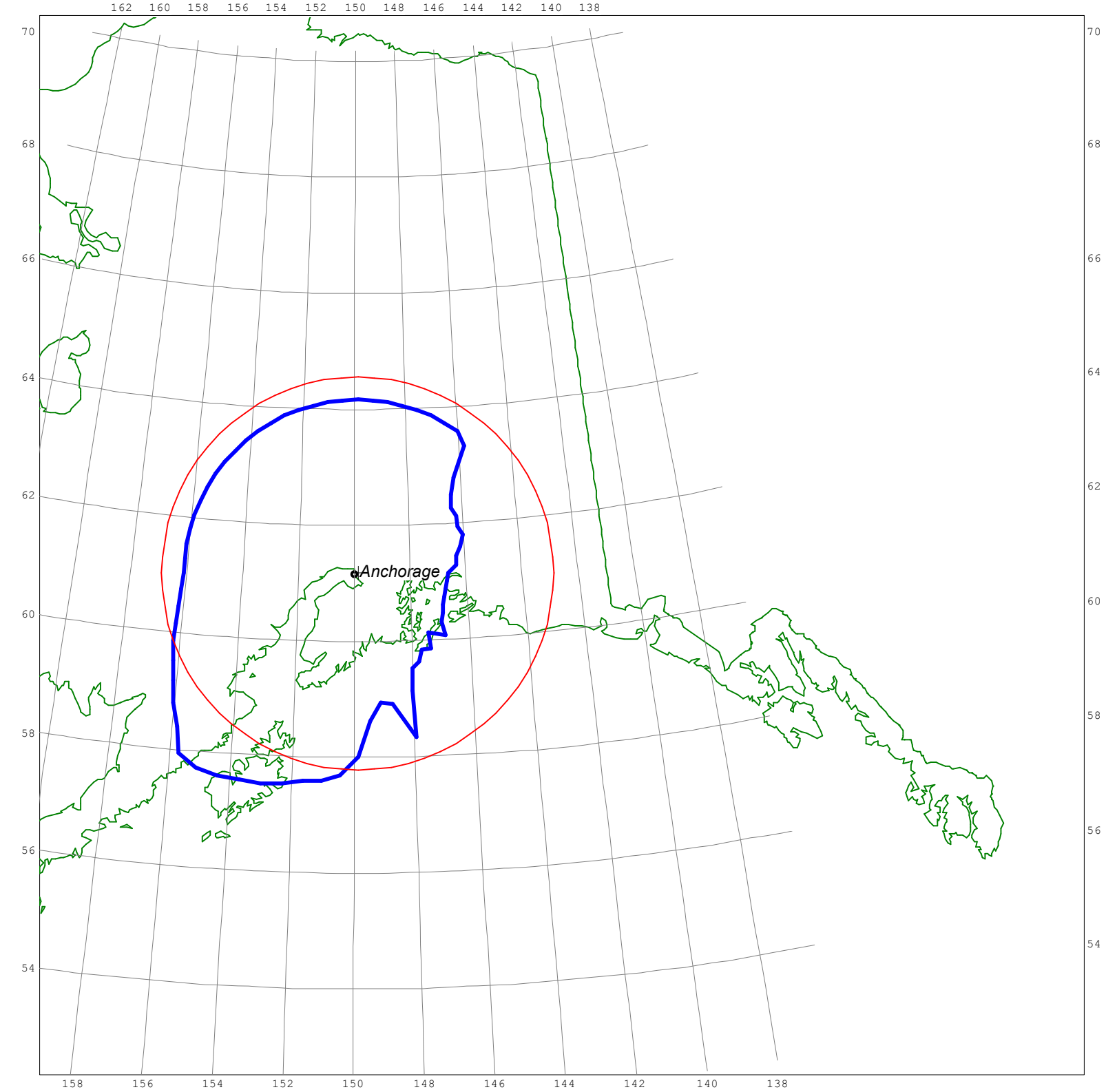


Exhibit A

Frequency Coordination

Site: Cold Bay

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: A2014814 5.93 GHz
Licensee: TelAlaska Cellular, Inc. Page 1

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:

Cold Bay, AK

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

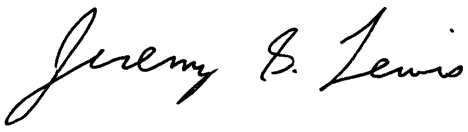
Coordination was performed with existing, proposed and prior coordinated carriers within coordination range on the following dates:

06/08/2020 Original PCN (Expedited response requested by 06/22/2020)
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:

COMSEARCH INC

Respectfully Submitted,



Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

File: A2014814

TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

Company:		TelAlaska Cellular, Inc.	
Site Name, State:		Cold Bay, AK	
Call Sign:		E080229	
Latitude	(NAD83)	55 12 26.1 N	
Longitude	(NAD83)	162 43 12.1 W	
Elevation AMSL	(ft/m)	77.00	23.47
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	107.00	123.00
Range of Azimuths from North	(deg)	119.24	134.67
Antenna Centerline	(ft/m)	11.50	3.51
Antenna Elevation Angles	(deg)	10.20	17.77

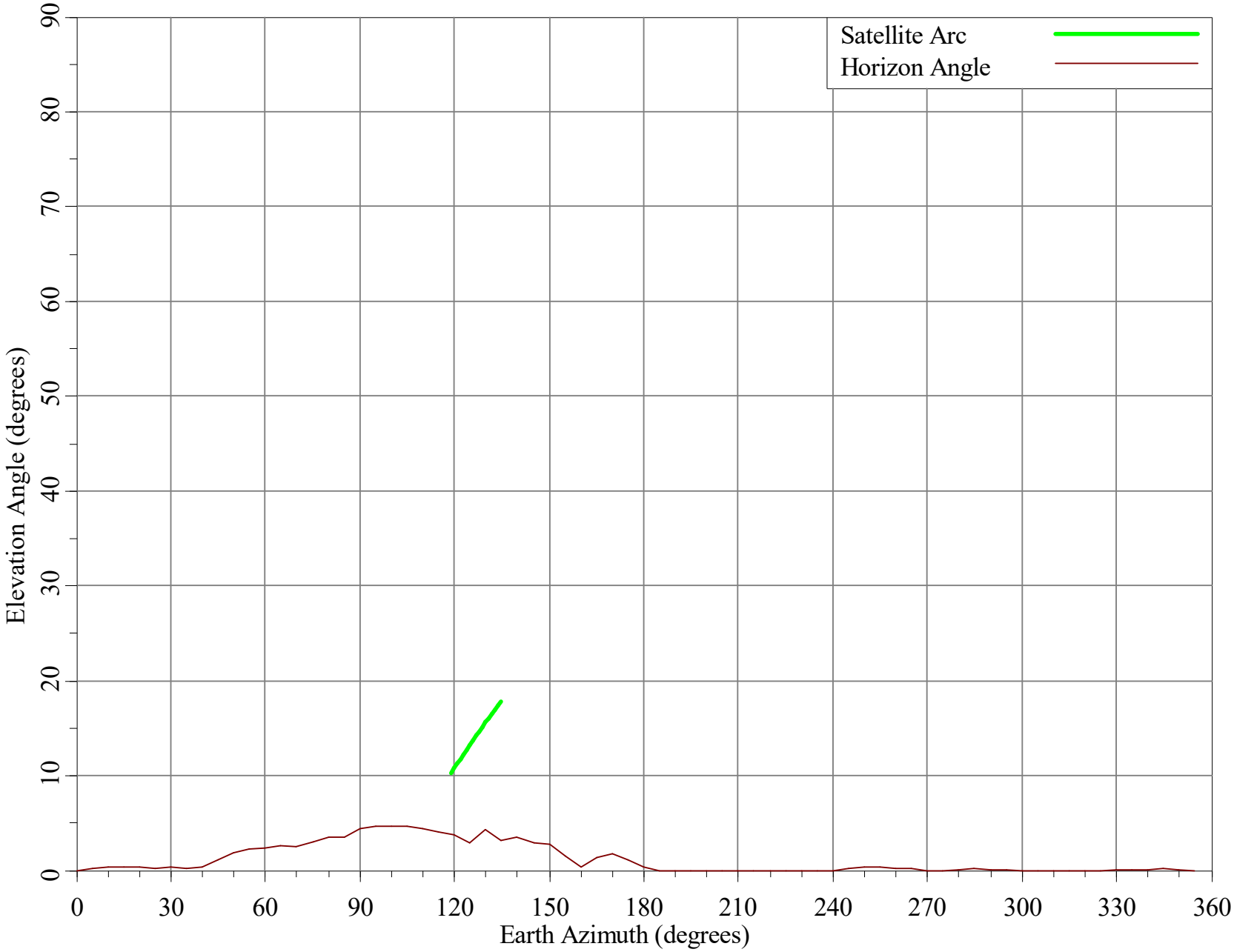
Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	41.90	46.20
15 DB Half Beamwidth	(deg)	4.00	2.00

Antennas Receive: PRODELIN 1385 (3.8M)
Transmit: PRODELIN 1385 (3.8M)

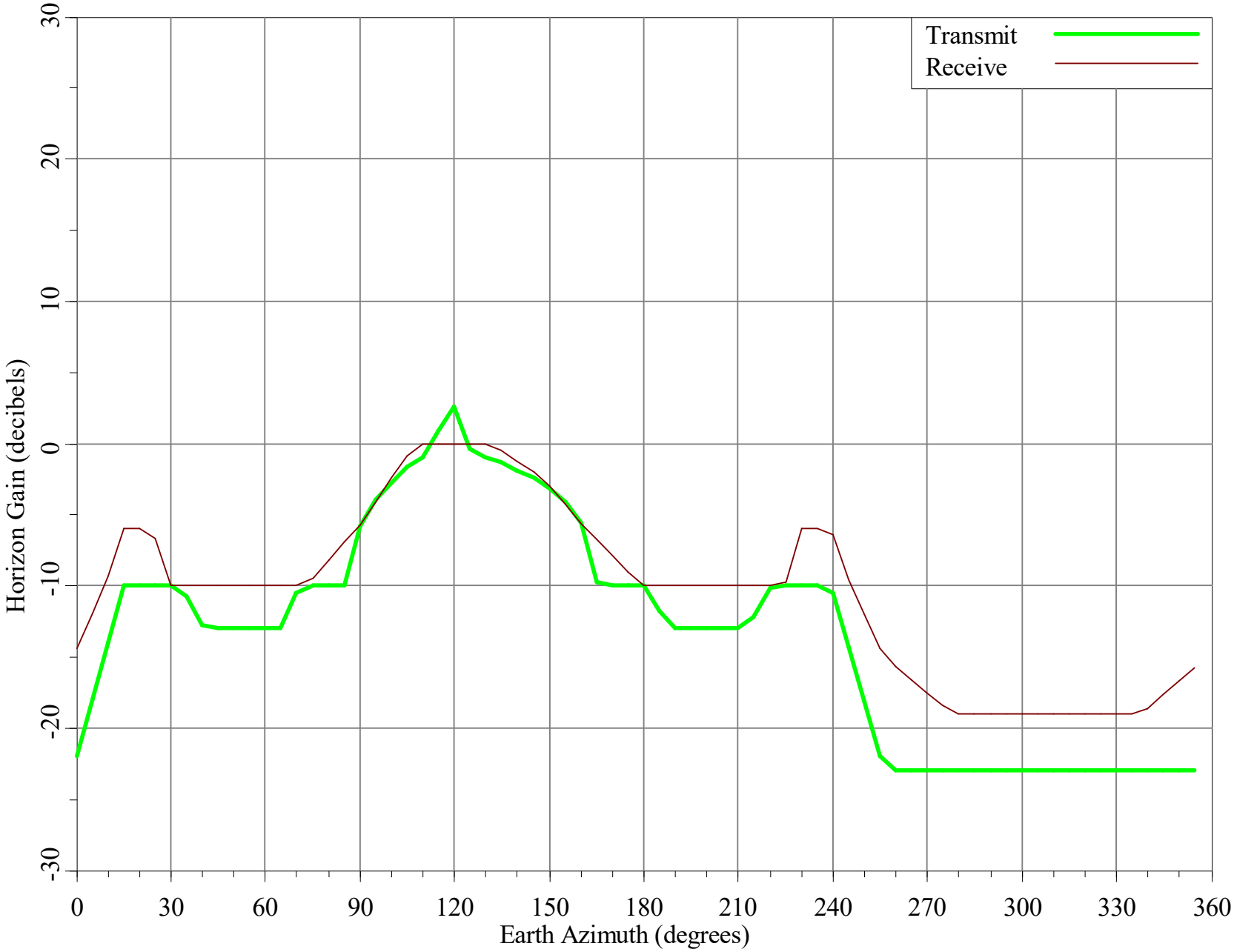
Max Transmitter Power	(dbW/4KHz)		-2.70
Max EIRP Main Beam	(dbW/4KHz)		43.50
Modulation / Emission Designator	DIGITAL	100KG7W	100KG8W 36M0G7W36M0D7W

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	476.44	223.14
Max Rain Scatter Distances	(km)	384.32	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		3	A

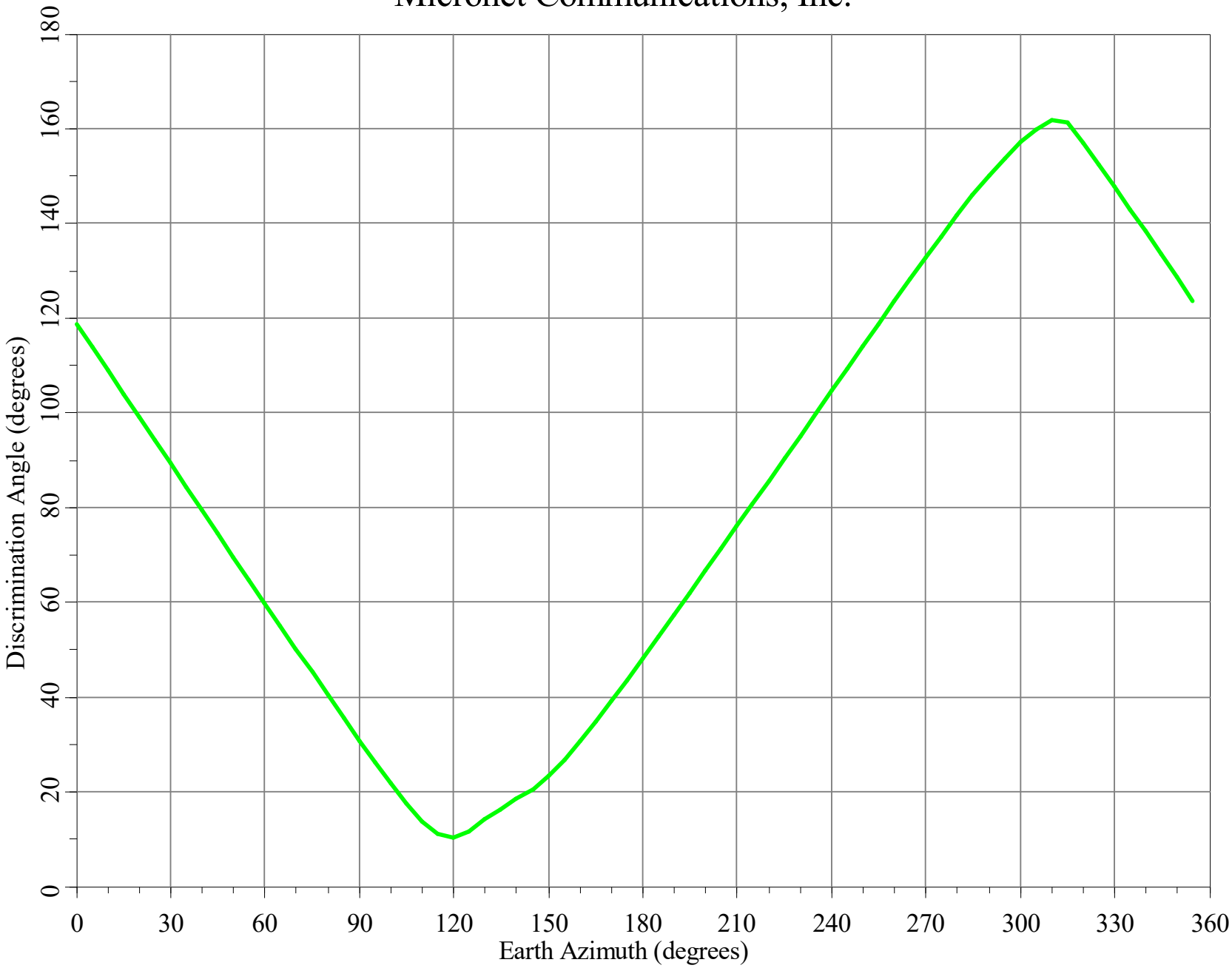
Horizon Angle & Satellite Arc for Cold Bay, AK
Micronet Communications, Inc.



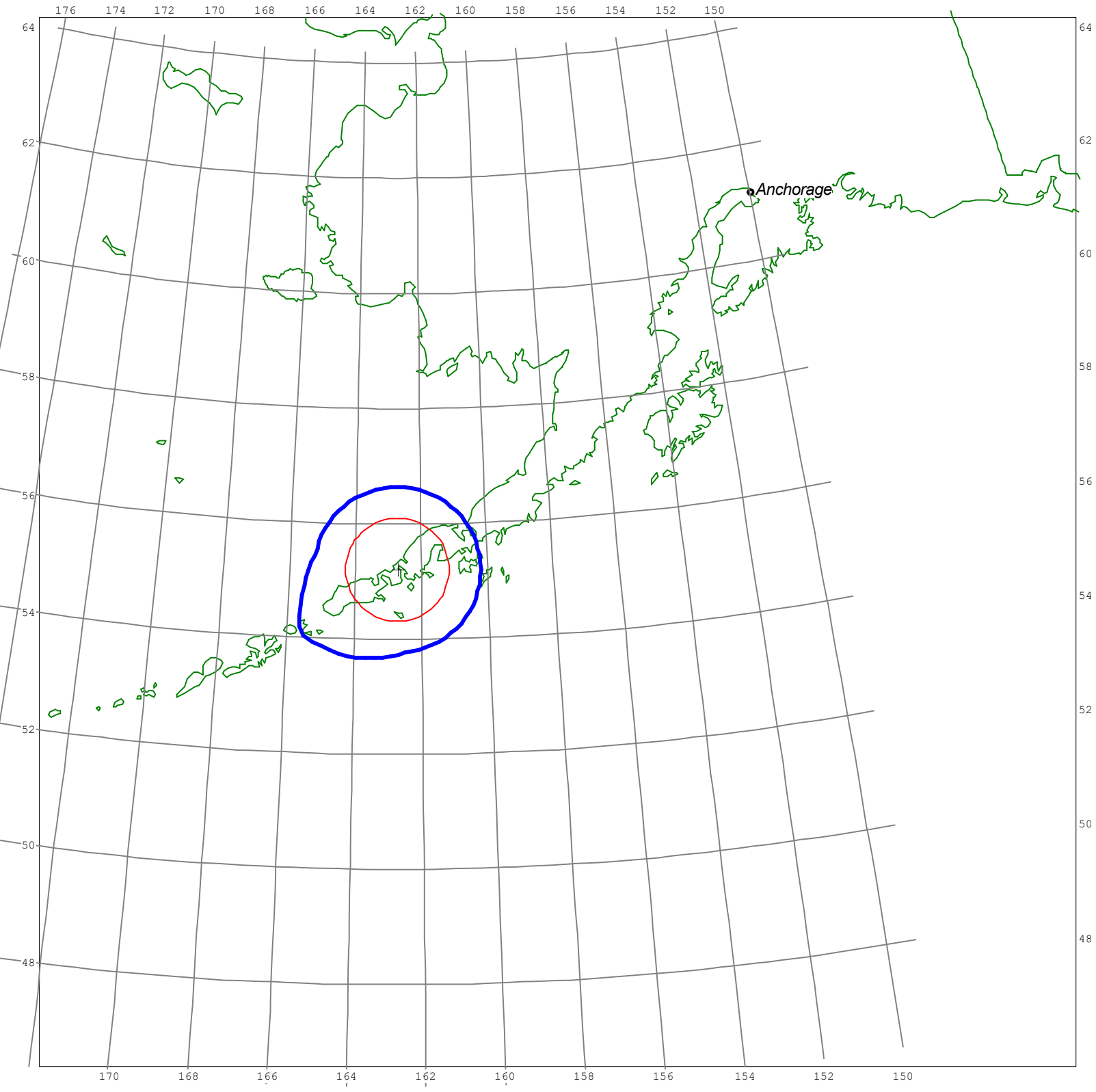
Horizon Gain for Cold Bay, AK
Micronet Communications, Inc.



Minimum Discrimination Angles for Cold Bay, AK
Micronet Communications, Inc.



Final Contour & Rain Scatter for Cold Bay, AK - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter for Cold Bay, AK - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour

Rain Scatter

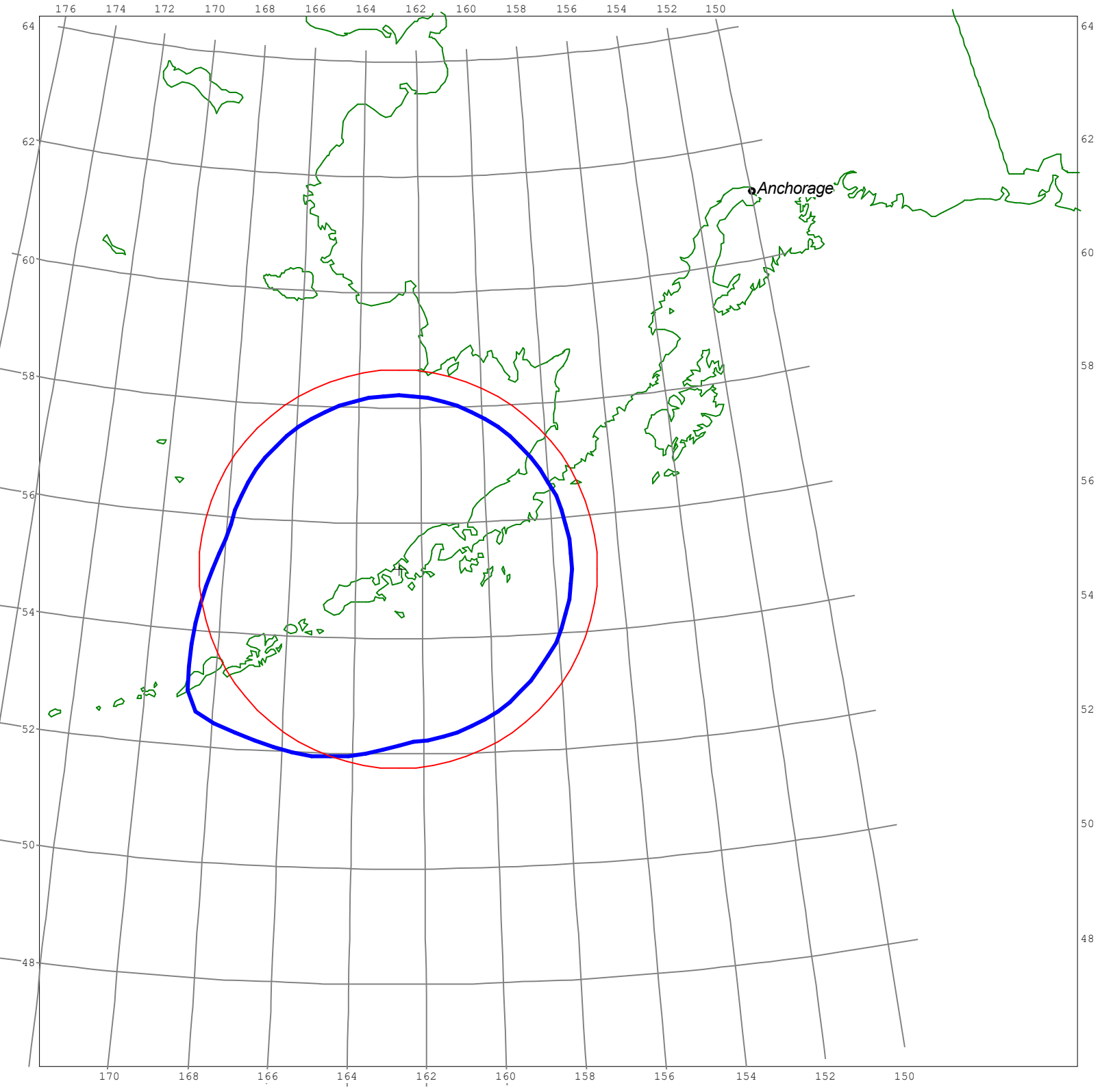


Exhibit A

Frequency Coordination

Site: Fort Yukon

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: B2014814 5.93 GHz
Licensee: TelAlaska Cellular, Inc. Page 1

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:

Fort Yukon, AK

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:

06/08/2020 Original PCN (Expedited response requested by 06/22/2020)
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:

ALASCOM, INC.
COMSEARCH INC
GOLDEN VALLEY ELECTRIC ASSOCIATION, INC.

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

File: B2014814

TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

Company:		TelAlaska Cellular, Inc.	
Site Name, State:		Fort Yukon, AK	
Call Sign:		E080229	
Latitude	(NAD83)	66 33 49.2 N	
Longitude	(NAD83)	145 15 57.1 W	
Elevation AMSL	(ft/m)	447.00	136.25
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	107.00	123.00
Range of Azimuths from North	(deg)	139.31	155.95
Antenna Centerline	(ft/m)	11.50	3.51
Antenna Elevation Angles	(deg)	9.64	13.14

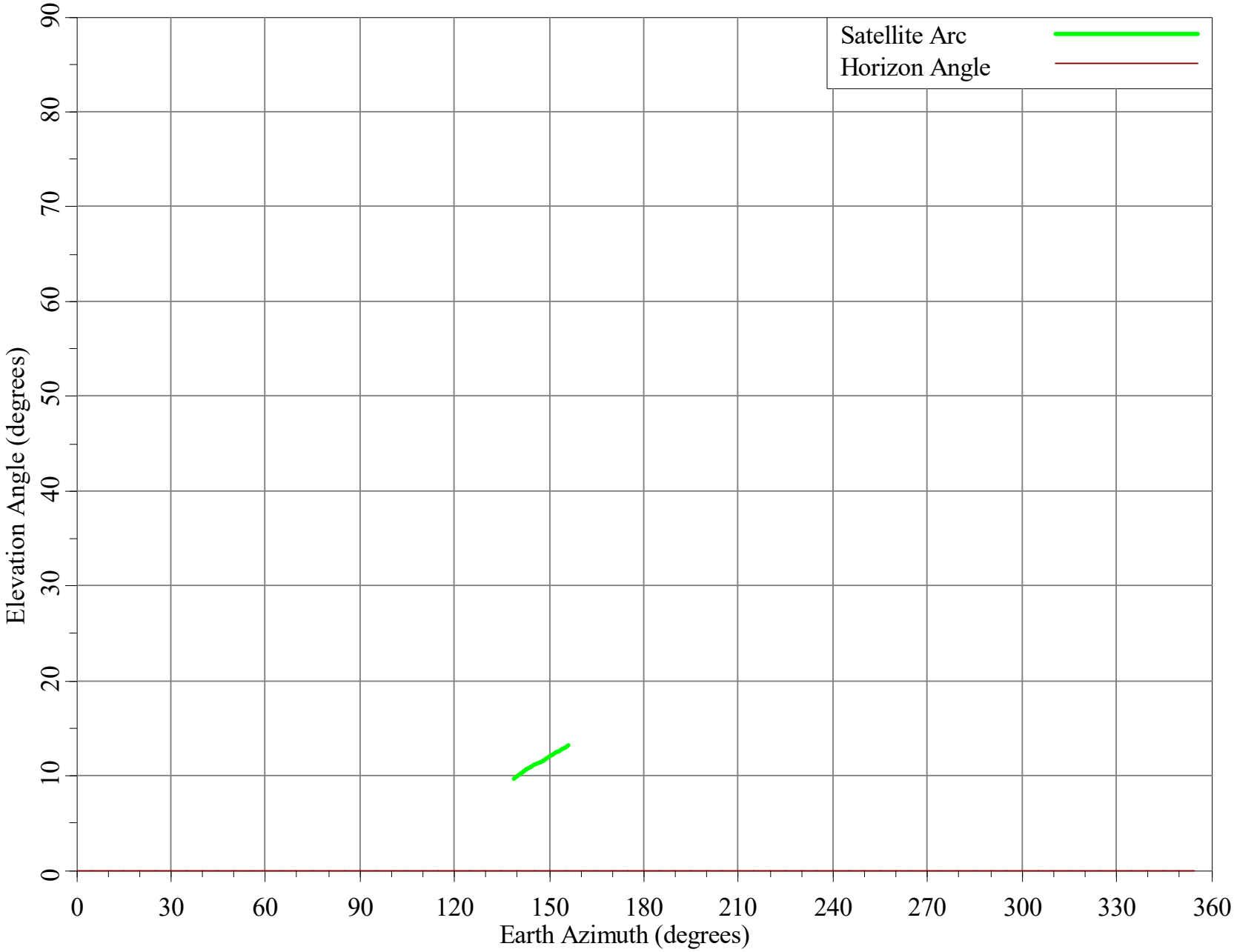
Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	41.90	46.20
15 DB Half Beamwidth	(deg)	4.00	2.00

Antennas Receive: PRODELIN 1385 (3.8M)
Transmit: PRODELIN 1385 (3.8M)

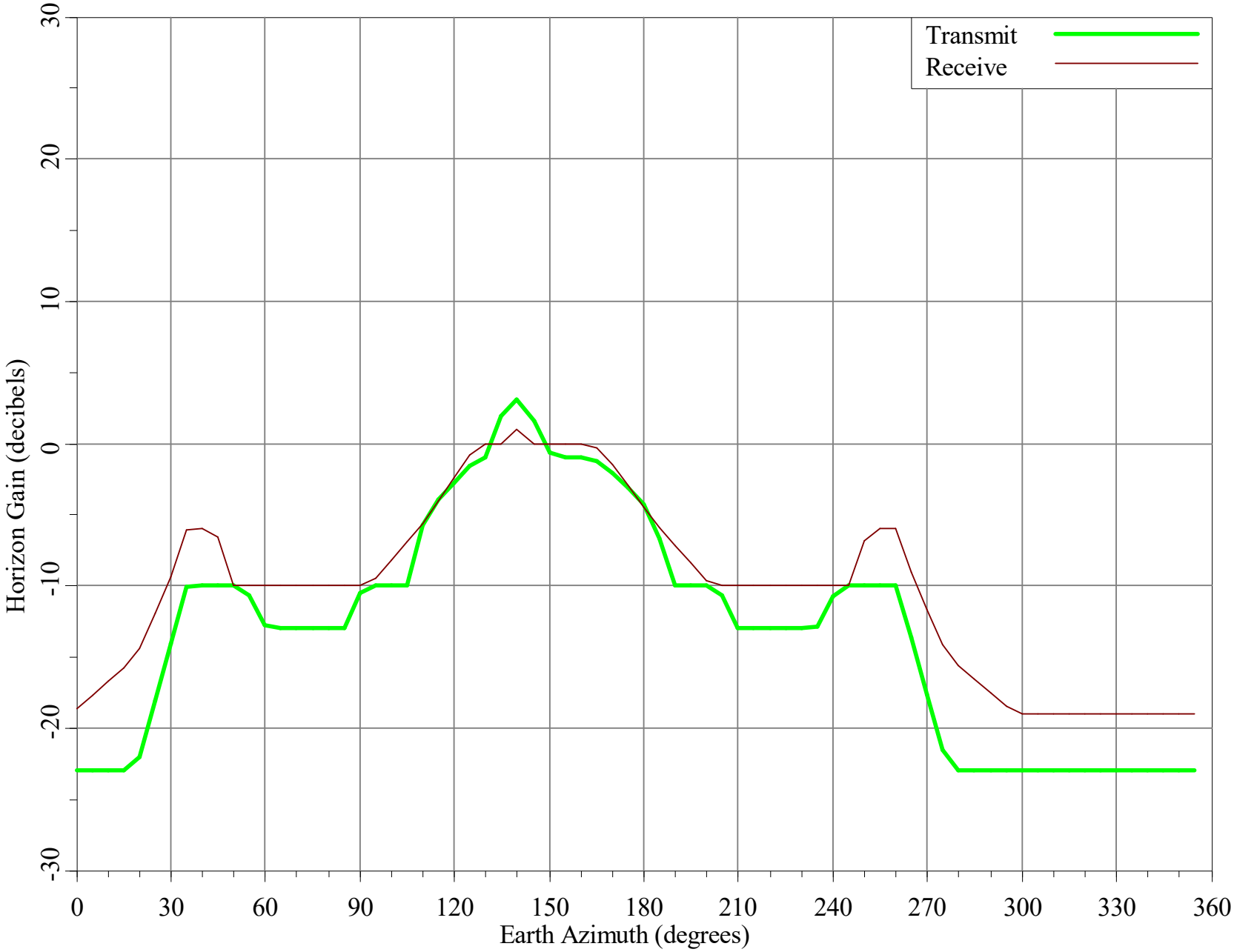
Max Transmitter Power	(dbW/4KHz)		-2.70
Max EIRP Main Beam	(dbW/4KHz)		43.50
Modulation / Emission Designator	DIGITAL	100KG7W	100KG8W 36M0G7W36M0D7W

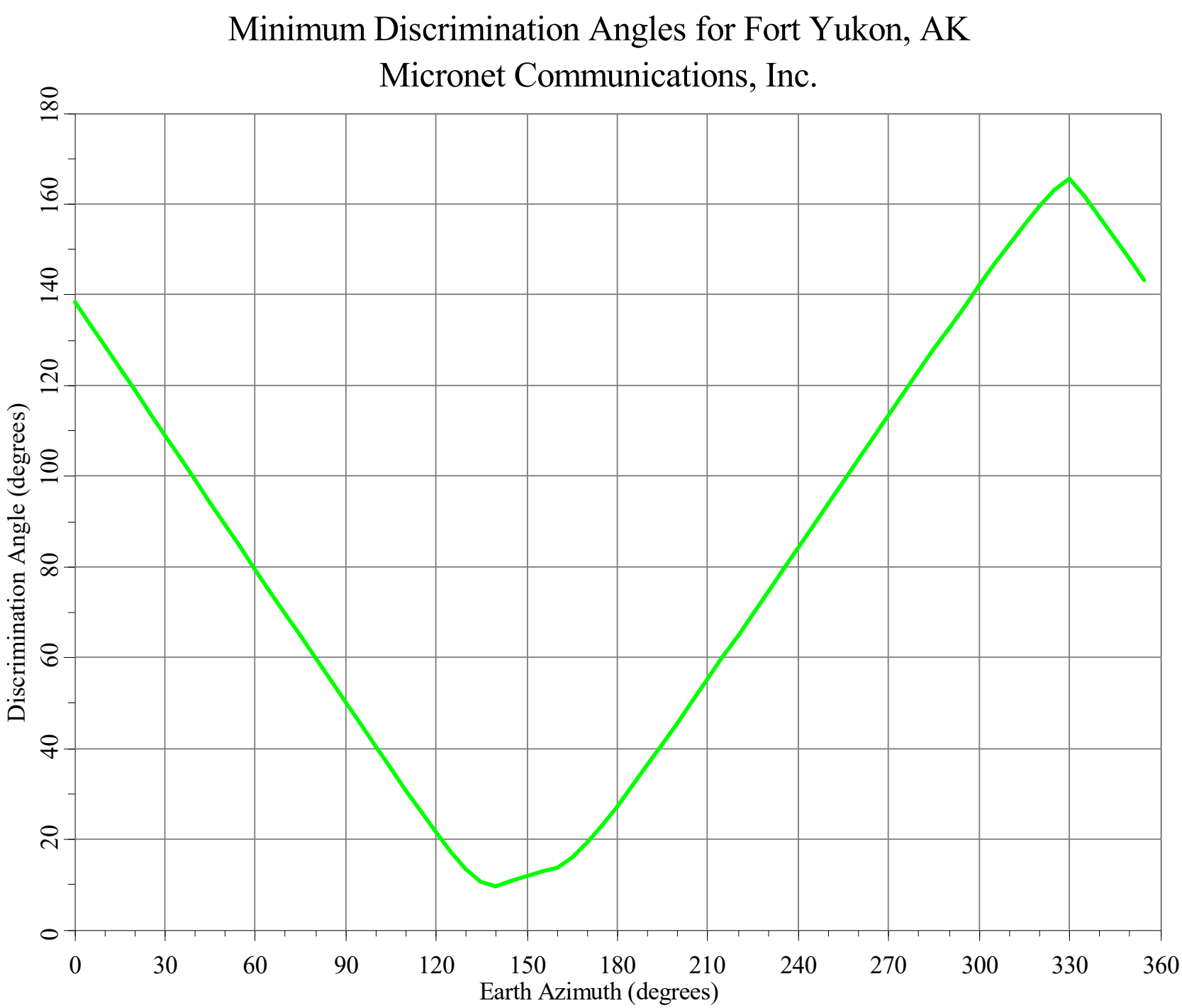
Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	482.16	226.42
Max Rain Scatter Distances	(km)	386.65	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		3	A

Horizon Angle & Satellite Arc for Fort Yukon, AK
Micronet Communications, Inc.

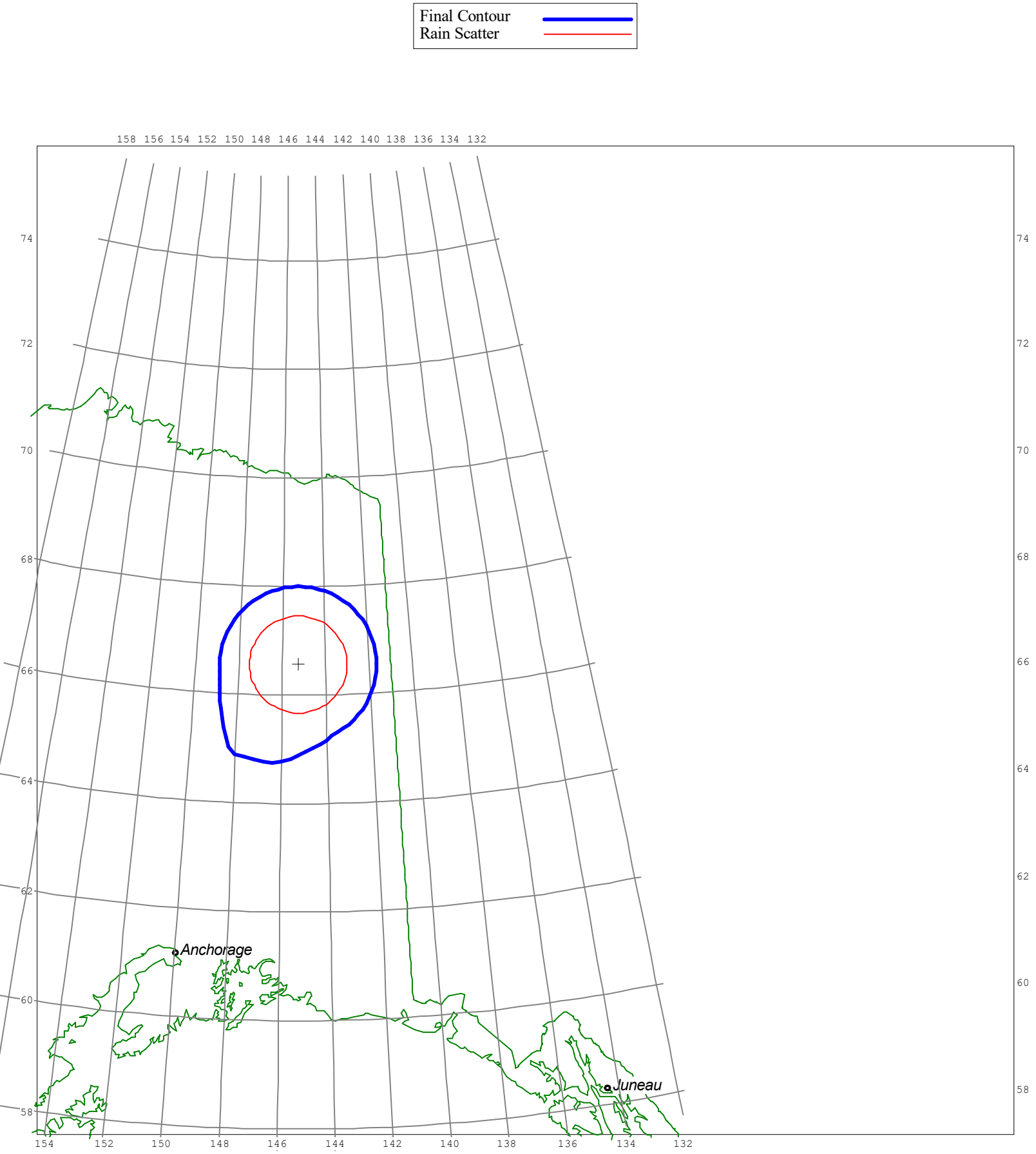


Horizon Gain for Fort Yukon, AK
Micronet Communications, Inc.




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

Final Contour & Rain Scatter for Fort Yukon, AK - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter for Fort Yukon, AK - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour
Rain Scatter

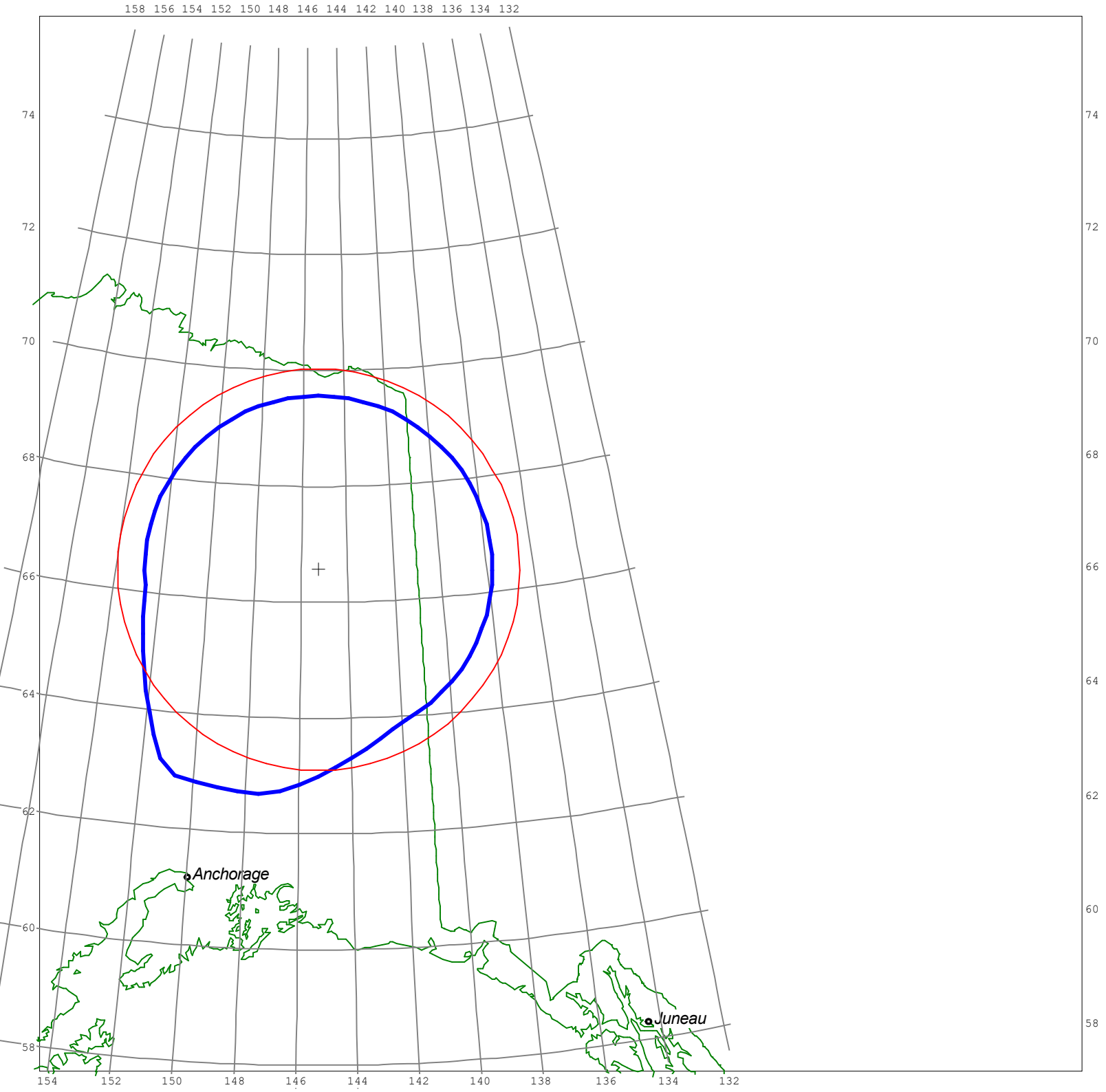


Exhibit A

Frequency Coordination

Site: Galena

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: C2014814 5.93 GHz
Licensee: TelAlaska Cellular, Inc. Page 1

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:

Galena, AK

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:

10/29/2020 Original PCN (Expedited response requested by 11/12/2020)
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:

COMSEARCH INC
DRS GLOBAL ENTERPRISE SOLUTIONS, INC.
UNICOM, INC

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

File: C2014814

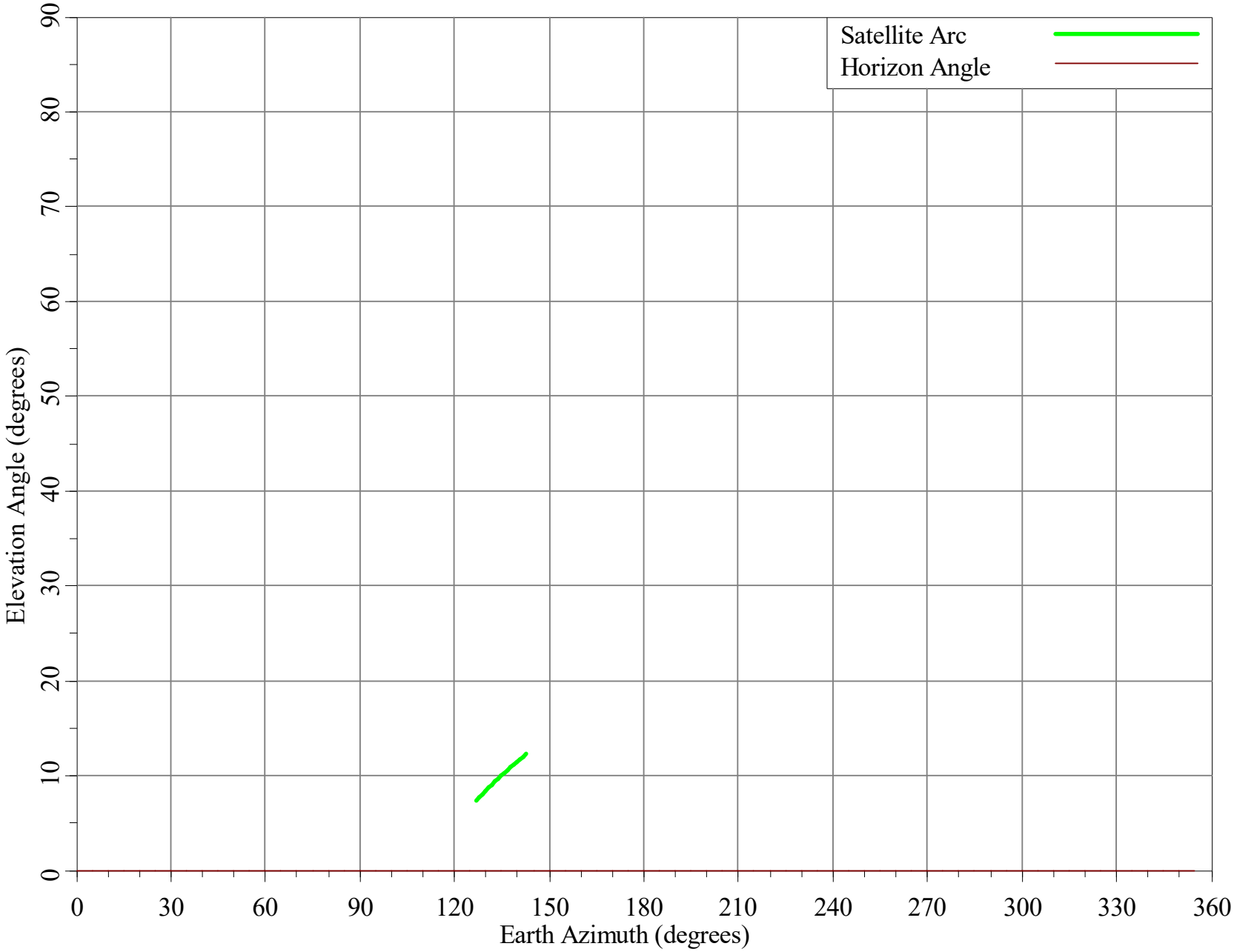
TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

Company:		TelAlaska Cellular, Inc.	
Site Name, State:		Galena, AK	
Call Sign:		E080229	
Latitude	(NAD83)	64 44 24.9 N	
Longitude	(NAD83)	156 57 8.0 W	
Elevation AMSL	(ft/m)	148.00	45.11
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-5937.525/5989.85-5996.825/6041.825-6050.625/6108.45-6115.425/6160.425-6182.24/6242.565-6248.865/6293.865-6308.165/6360.49-6367.465/6412.465-6425	
Range of Satellite Orbital Long.	(deg W)	107.00	123.00
Range of Azimuths from North	(deg)	127.24	143.33
Antenna Centerline	(ft/m)	11.50	3.51
Antenna Elevation Angles	(deg)	7.33	12.25

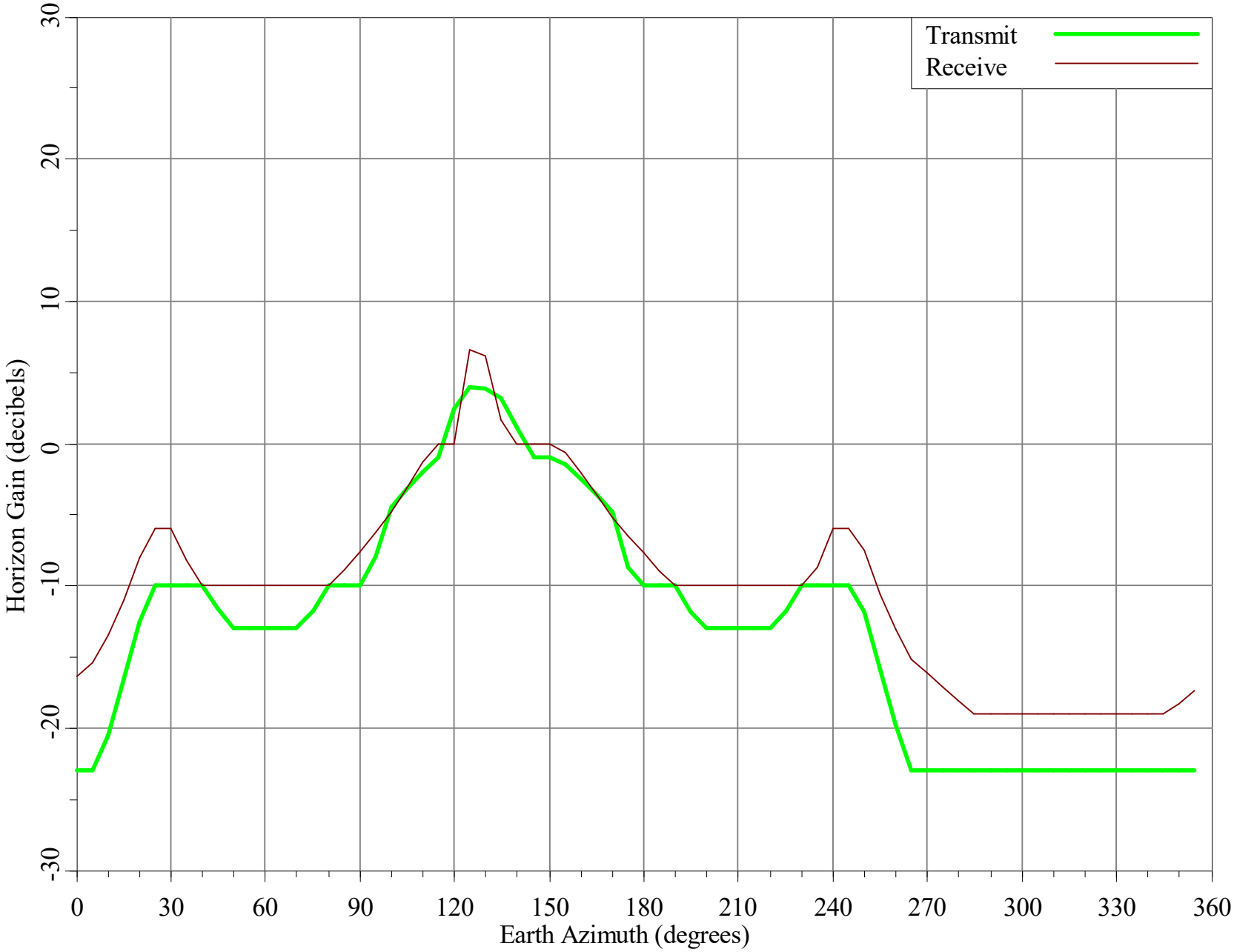
Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	41.90	46.20
15 DB Half Beamwidth	(deg)	4.00	2.00
Antennas	Receive: PRODELIN 1385 (3.8M)		
	Transmit: PRODELIN 1385 (3.8M)		
Max Transmitter Power	(dbW/4KHz)		-2.70
Max EIRP Main Beam	(dbW/4KHz)		43.50
Modulation / Emission Designator	DIGITAL	100KG7W	100KG8W 36M0G7W36M0D7W

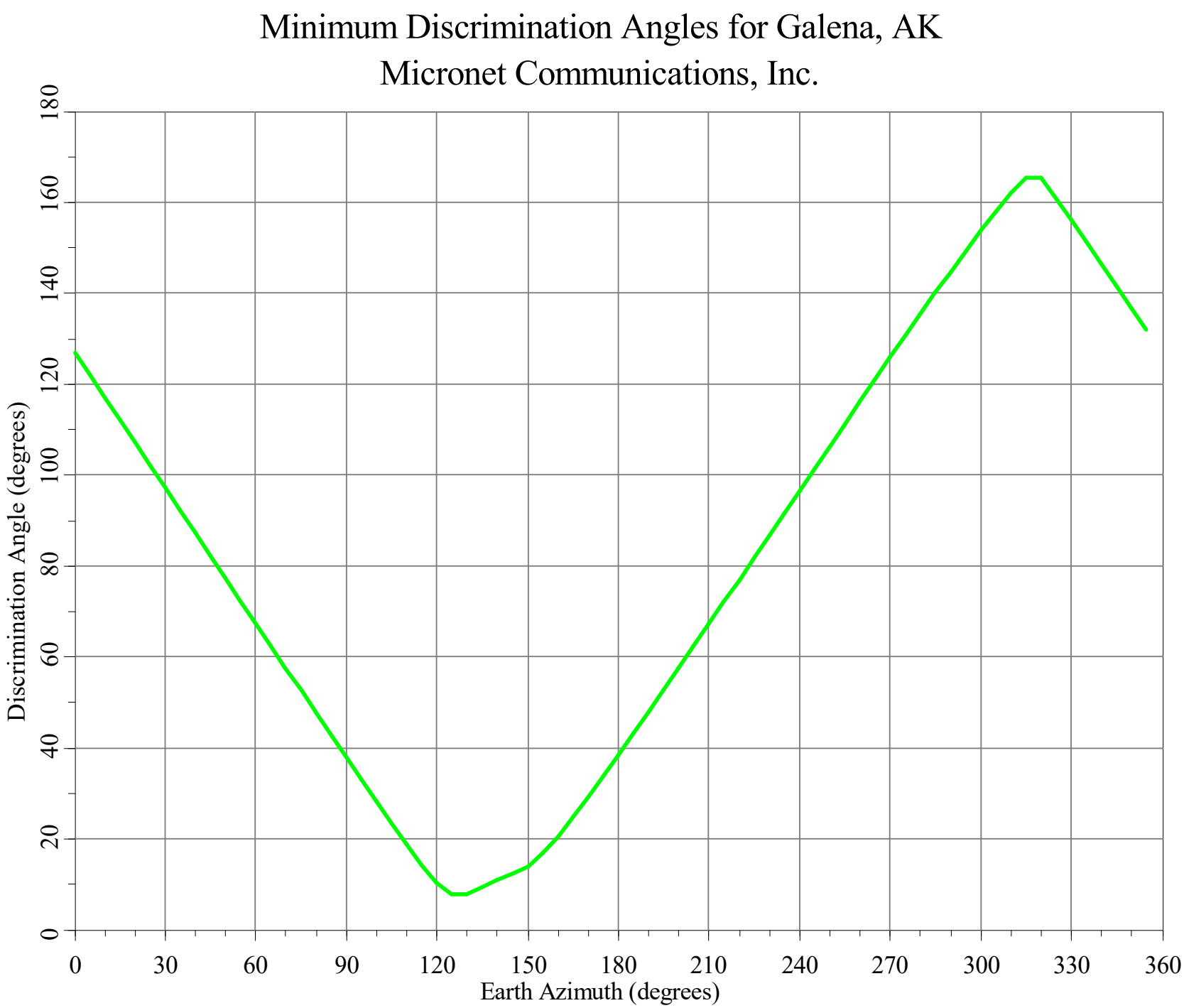
Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	487.87	229.69
Max Rain Scatter Distances	(km)	399.91	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		3	A

Horizon Angle & Satellite Arc for Galena, AK
Micronet Communications, Inc.

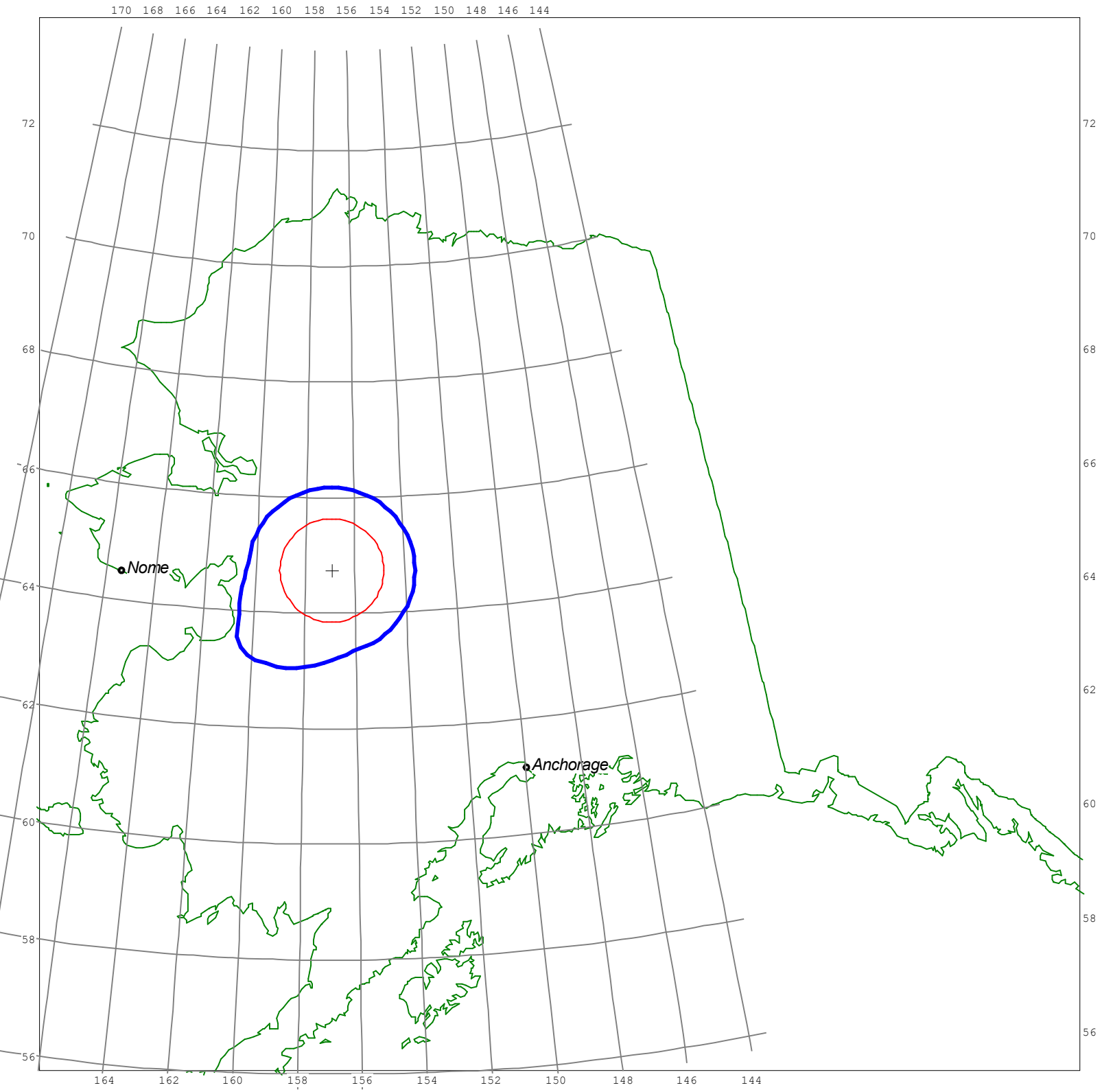


Horizon Gain for Galena, AK
Micronet Communications, Inc.




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

Final Contour & Rain Scatter for Galena, AK - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter for Galena, AK - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour
Rain Scatter

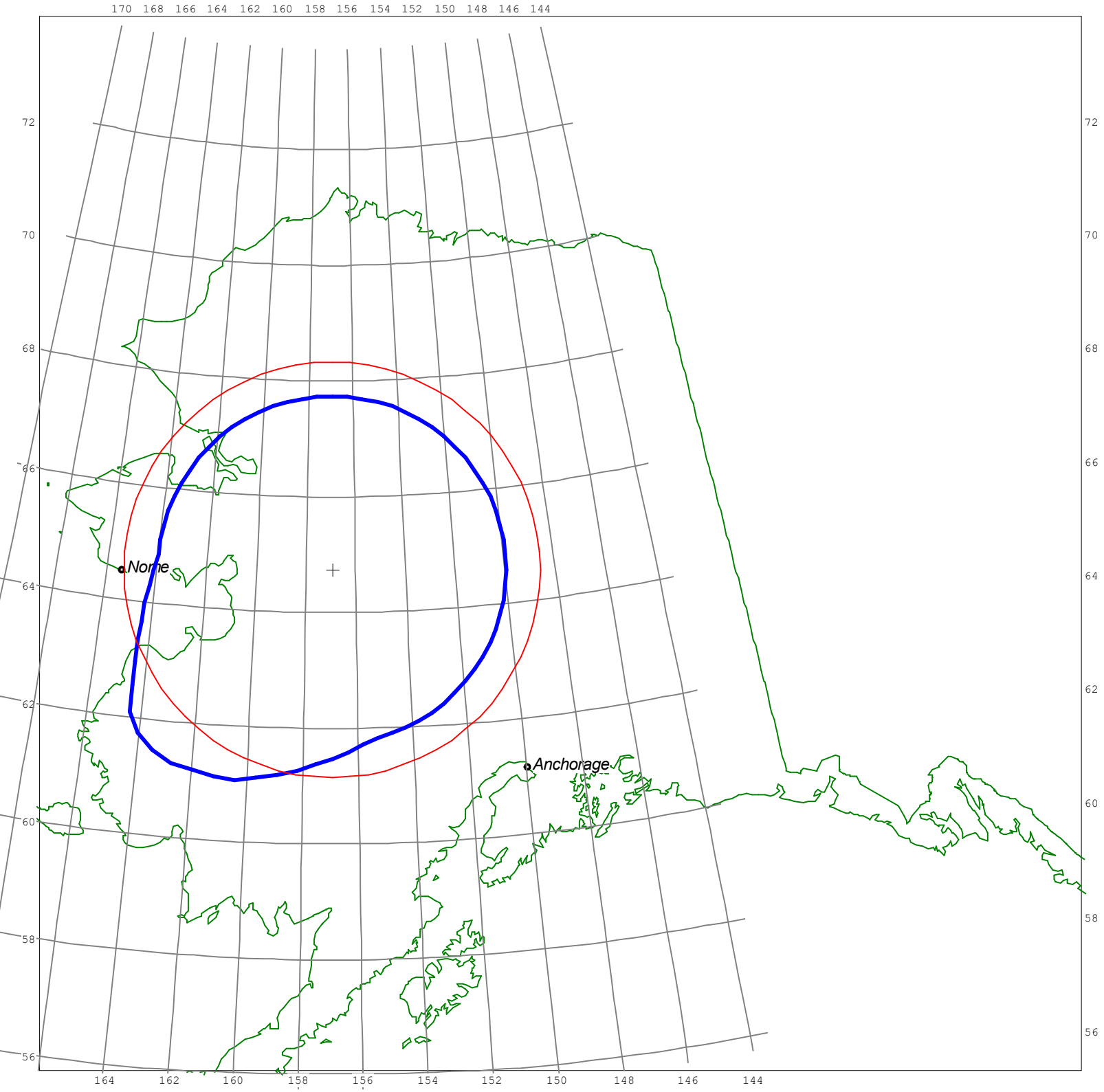


Exhibit A

Frequency Coordination

Site: Iliamna

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: D2014814 5.93 GHz
Licensee: TelAlaska Cellular, Inc. Page 1

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:

Iliamna, AK

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:

06/08/2020 Original PCN (Expedited response requested by 06/22/2020)
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:

COMSEARCH INC
NUSHAGAK ELECTRIC & TELEPHONE COOP
RADIO DYNAMICS
UNITED UTILITIES, INC.
WIRELESS APPLICATIONS CORP

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

File: D2014814

TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

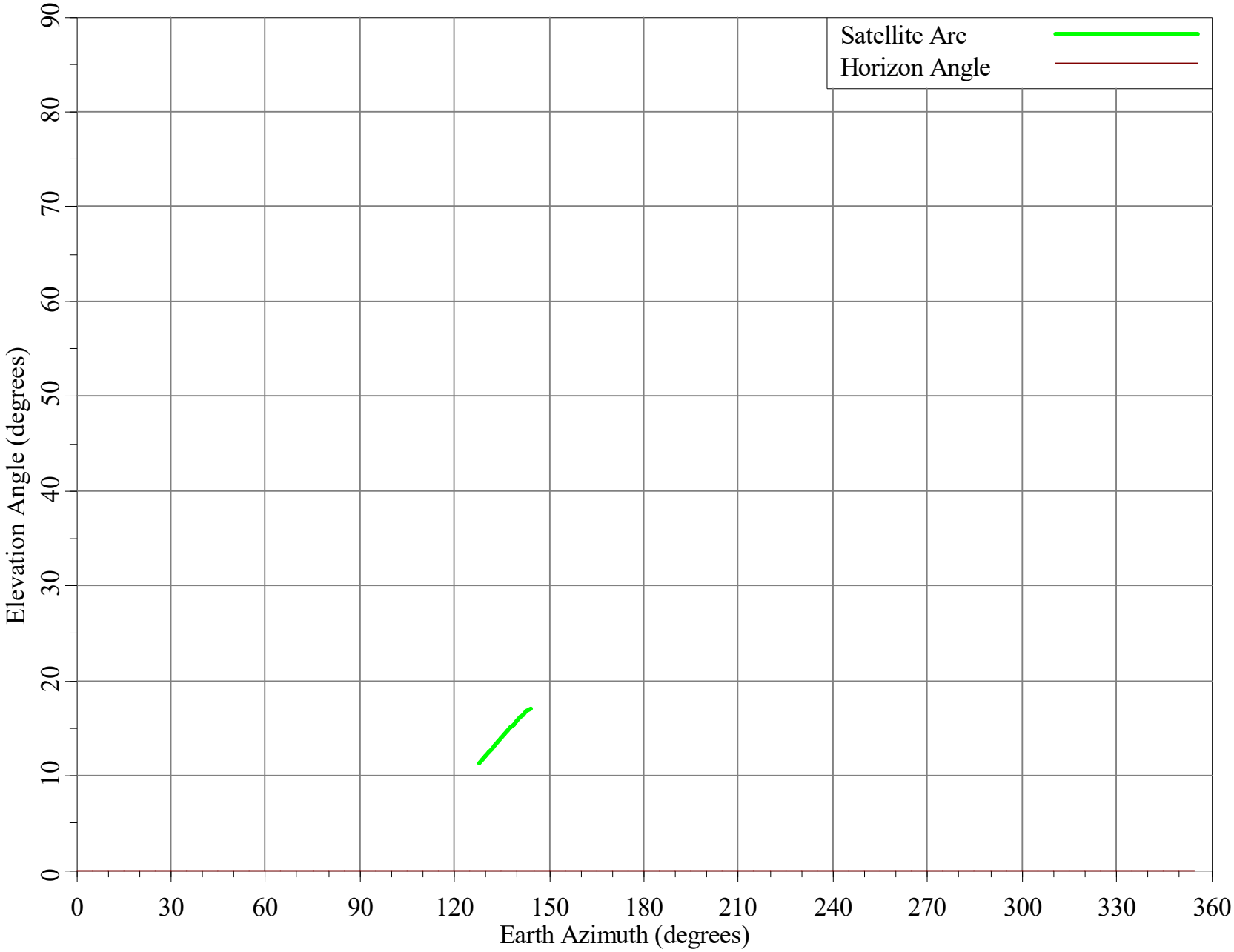
Company:		TelAlaska Cellular, Inc.	
Site Name, State:		Iliamna, AK	
Call Sign:		E080229	
Latitude	(NAD83)	59 45 29.0 N	
Longitude	(NAD83)	154 49 21.3 W	
Elevation AMSL	(ft/m)	67.00	20.42
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	107.00	123.00
Range of Azimuths from North	(deg)	128.05	144.31
Antenna Centerline	(ft/m)	11.50	3.51
Antenna Elevation Angles	(deg)	11.25	17.04

Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	41.90	46.20
15 DB Half Beamwidth	(deg)	4.00	2.00

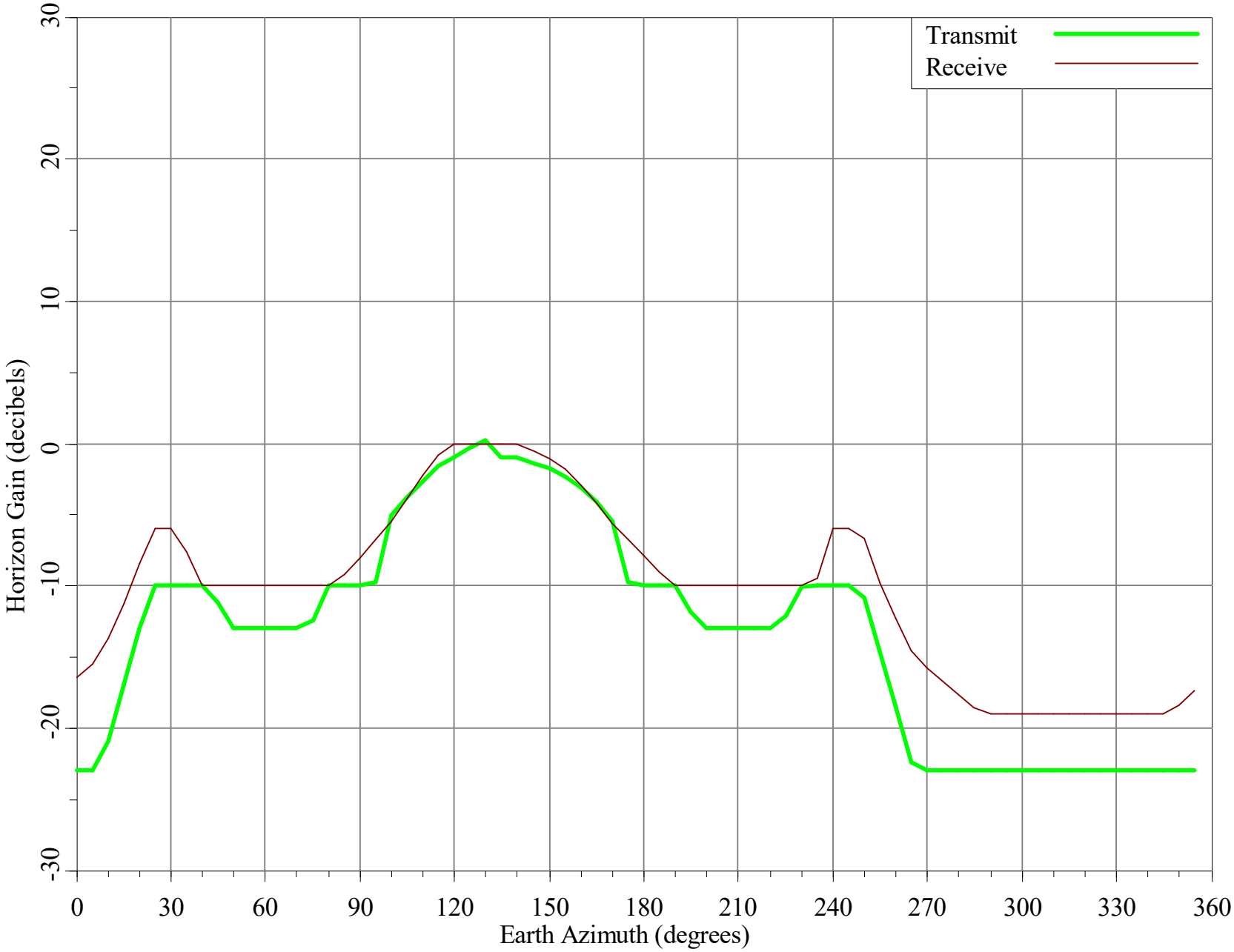
Antennas Receive: PRODELIN 1385 (3.8M)
Transmit: PRODELIN 1385 (3.8M)

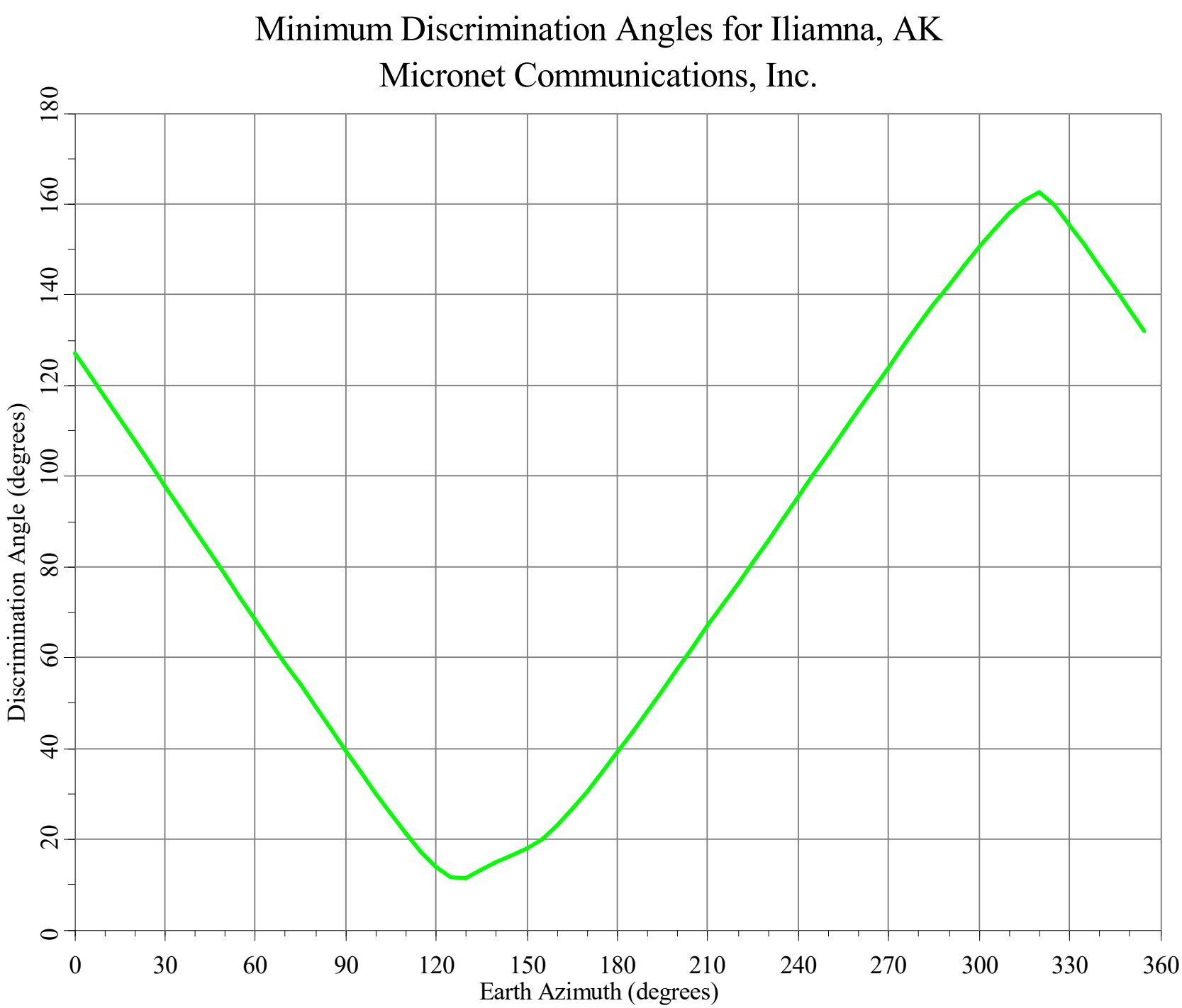
Max Transmitter Power	(dbW/4KHz)		-2.70
Max EIRP Main Beam	(dbW/4KHz)		43.50
Modulation / Emission Designator	DIGITAL	100KG7W	100KG8W
36M0G7W36M0D7W			

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	465.47	217.30
Max Rain Scatter Distances	(km)	380.61	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		3	A

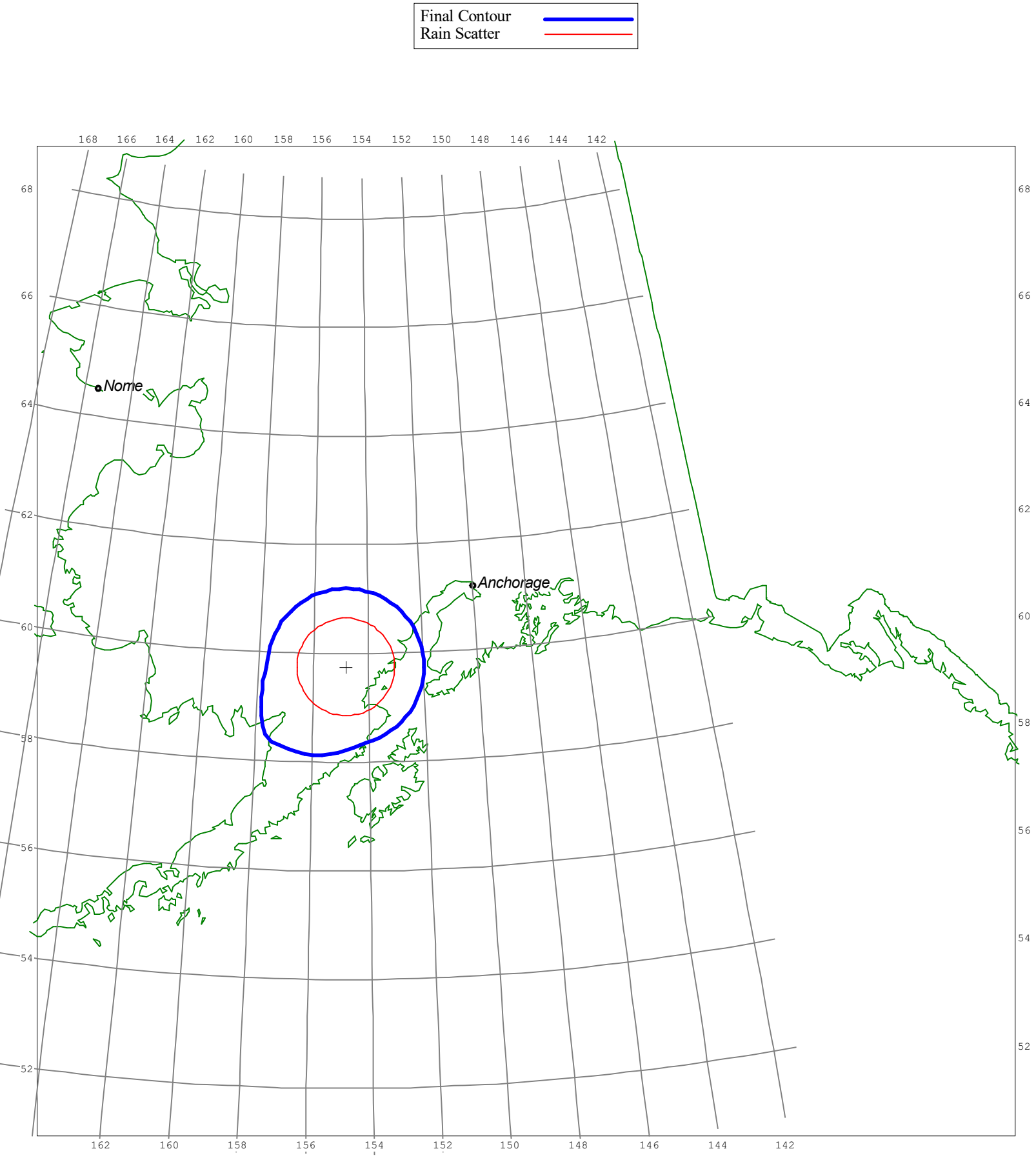

Horizon Angle & Satellite Arc for Iliamna, AK
Micronet Communications, Inc.
Satellite Arc
Horizon Angle
Elevation Angle (degrees)
0
10
20
30
40
50
60
70
80
90
0
30
60
90
120
150
180
210
240
270
300
330
360
Earth Azimuth (degrees)

Horizon Gain for Iliamna, AK
Micronet Communications, Inc.




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

Final Contour & Rain Scatter for Iliamna, AK - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter for Iliamna, AK - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour

Rain Scatter

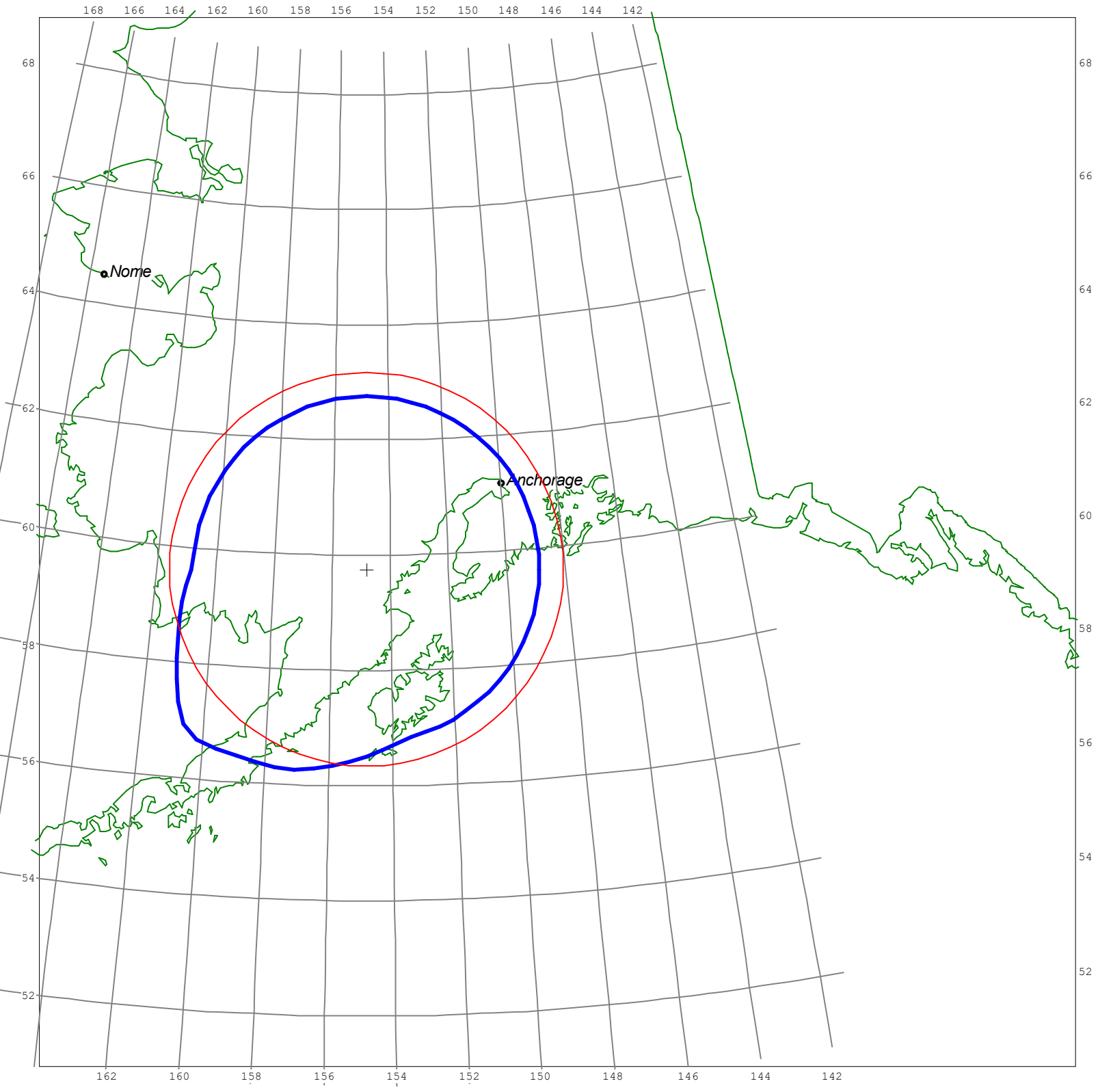


Exhibit A

Frequency Coordination

Site: King Cove

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: E2014814 5.93 GHz
Licensee: TelAlaska Cellular, Inc. Page 1

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:

King Cove, AK

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:

06/08/2020 Original PCN (Expedited response requested by 06/22/2020)
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:

COMSEARCH INC

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

File: E2014814

TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

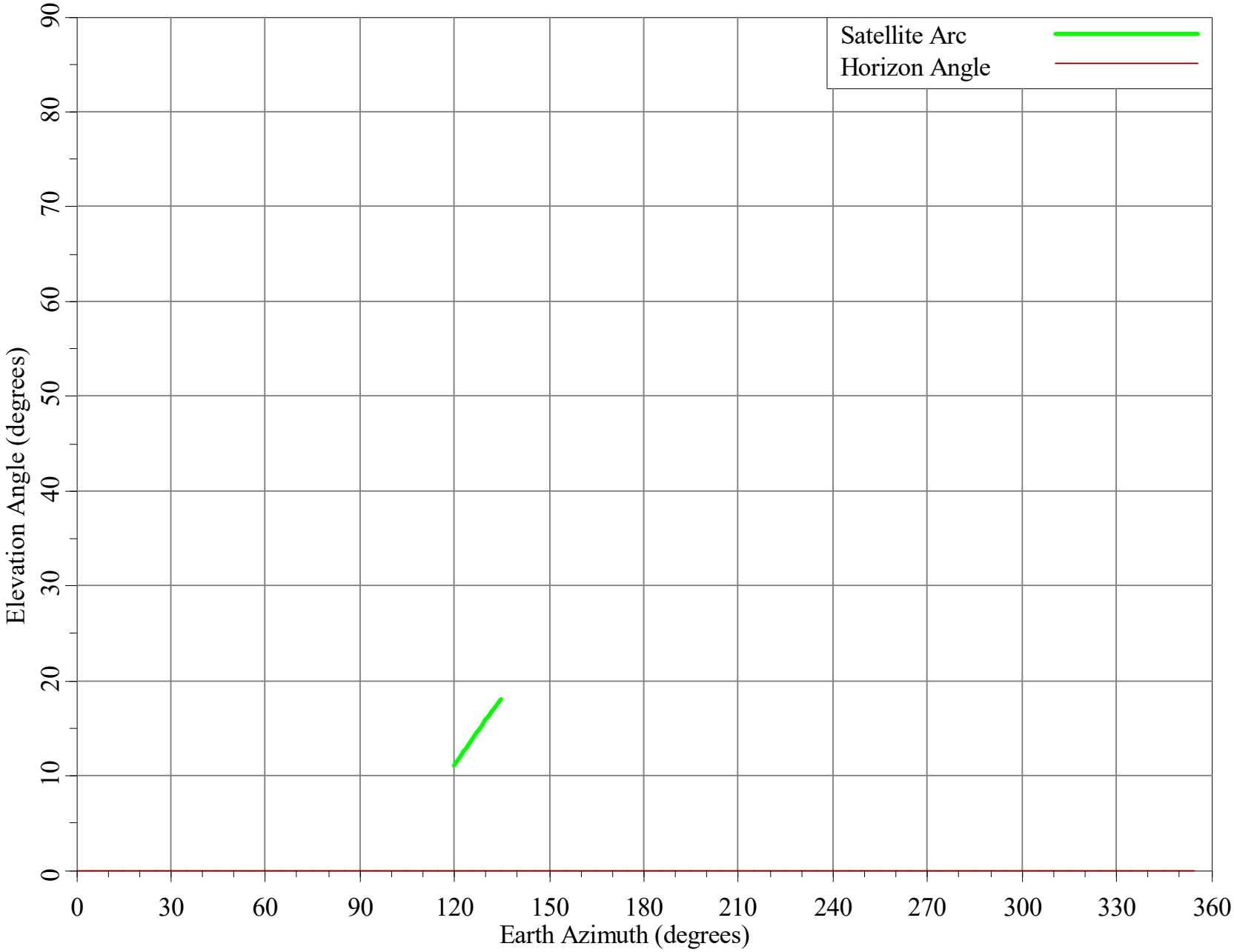
Company:		TelAlaska Cellular, Inc.	
Site Name, State:		King Cove, AK	
Call Sign:		E080229	
Latitude	(NAD83)	55 3 41.1 N	
Longitude	(NAD83)	162 19 15.6 W	
Elevation AMSL	(ft/m)	11.00	3.35
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	107.00	123.00
Range of Azimuths from North	(deg)	119.56	135.02
Antenna Centerline	(ft/m)	11.50	3.51
Antenna Elevation Angles	(deg)	10.48	18.05

Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	41.90	46.20
15 DB Half Beamwidth	(deg)	4.00	2.00

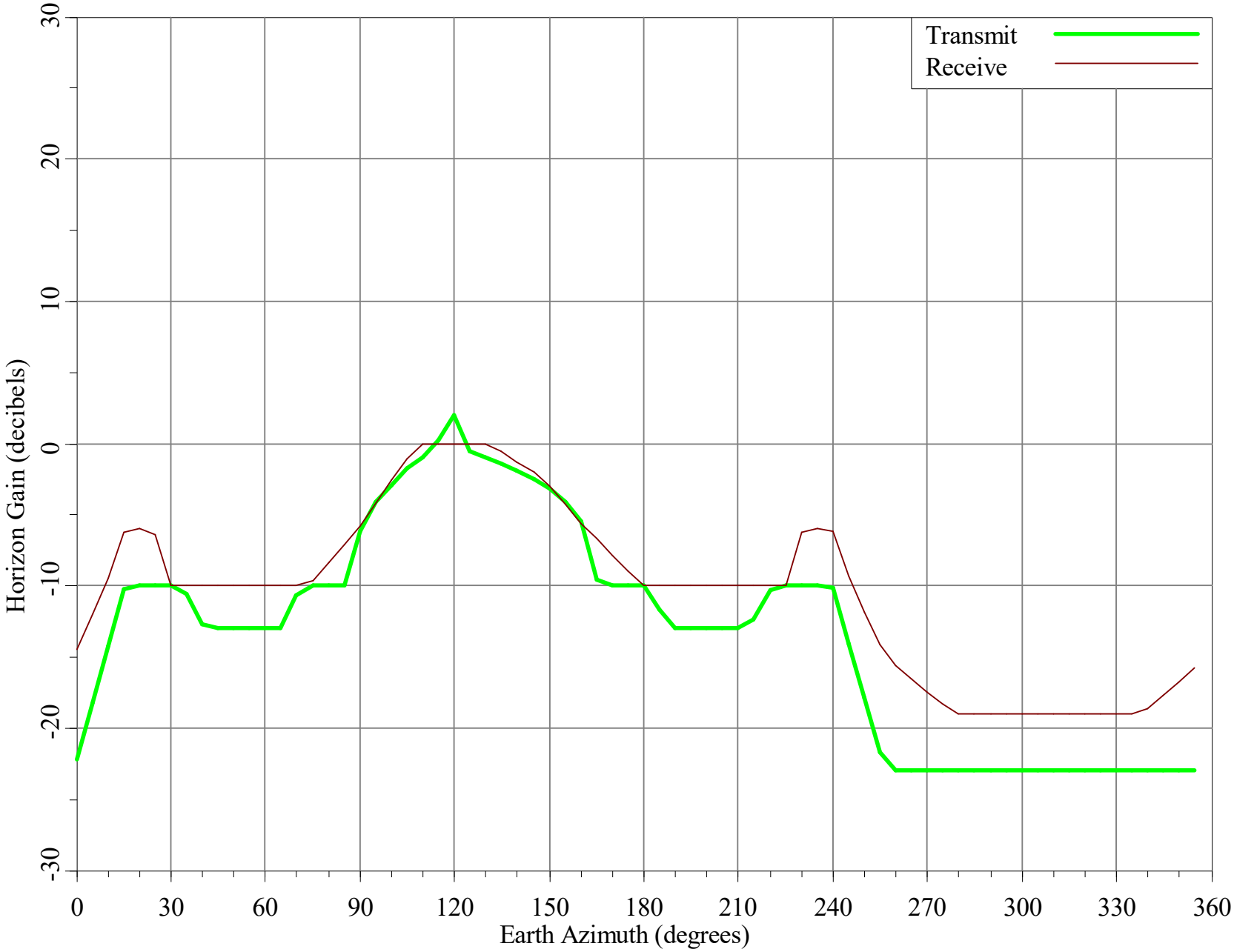
Antennas Receive: PRODELIN 1385 (3.8M)
Transmit: PRODELIN 1385 (3.8M)

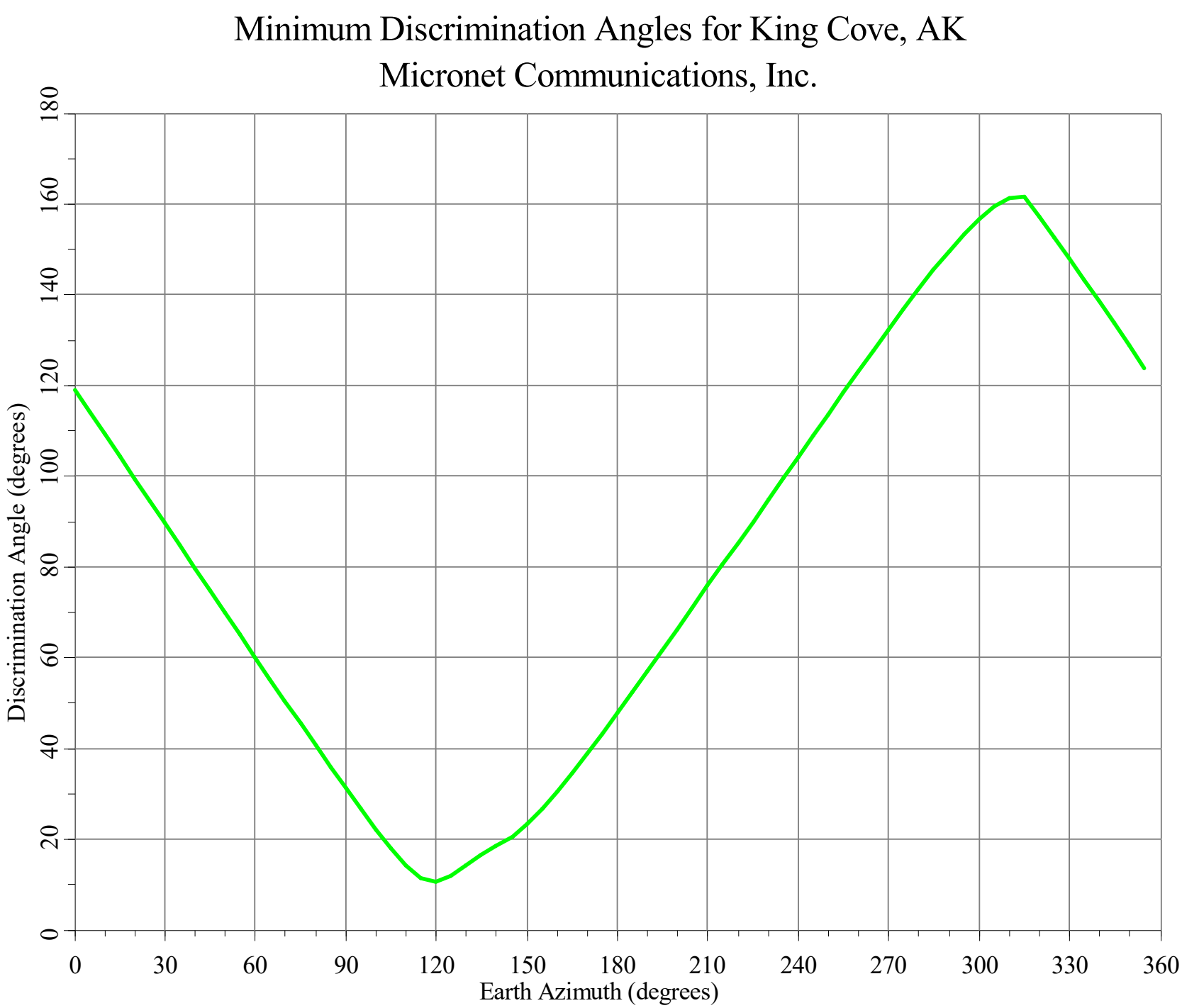
Max Transmitter Power	(dbW/4KHz)		-2.70
Max EIRP Main Beam	(dbW/4KHz)		43.50
Modulation / Emission Designator	DIGITAL	100KG7W	100KG8W
36M0G7W36M0D7W			

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	473.94	221.71
Max Rain Scatter Distances	(km)	383.26	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		3	A

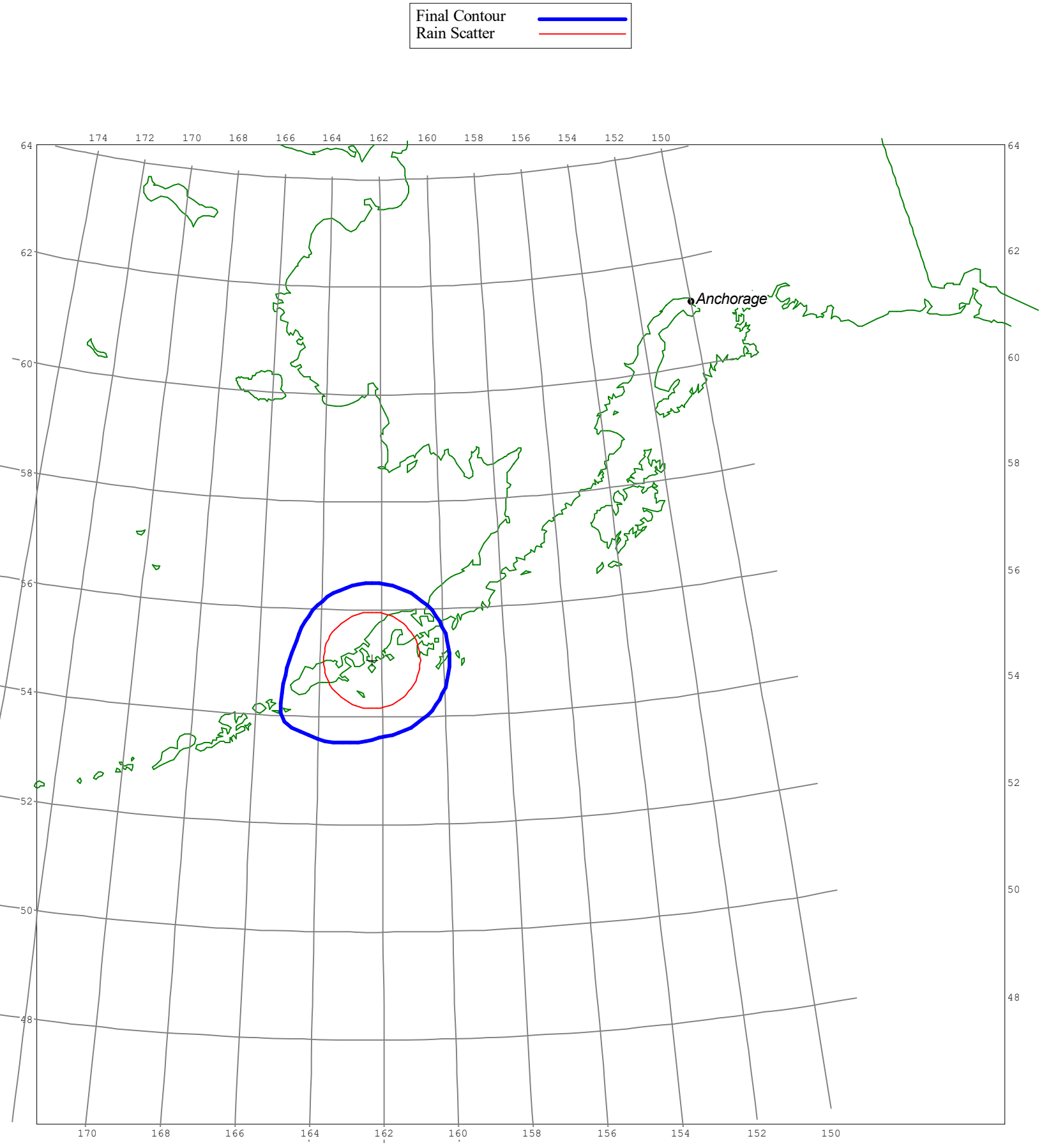

Horizon Angle & Satellite Arc for King Cove, AK
Micronet Communications, Inc.
Satellite Arc
Horizon Angle
Elevation Angle (degrees)
0
10
20
30
40
50
60
70
80
90
0
30
60
90
120
150
180
210
240
270
300
330
360
Earth Azimuth (degrees)

Horizon Gain for King Cove, AK
Micronet Communications, Inc.




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

Final Contour & Rain Scatter for King Cove, AK - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter for King Cove, AK - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour

Rain Scatter

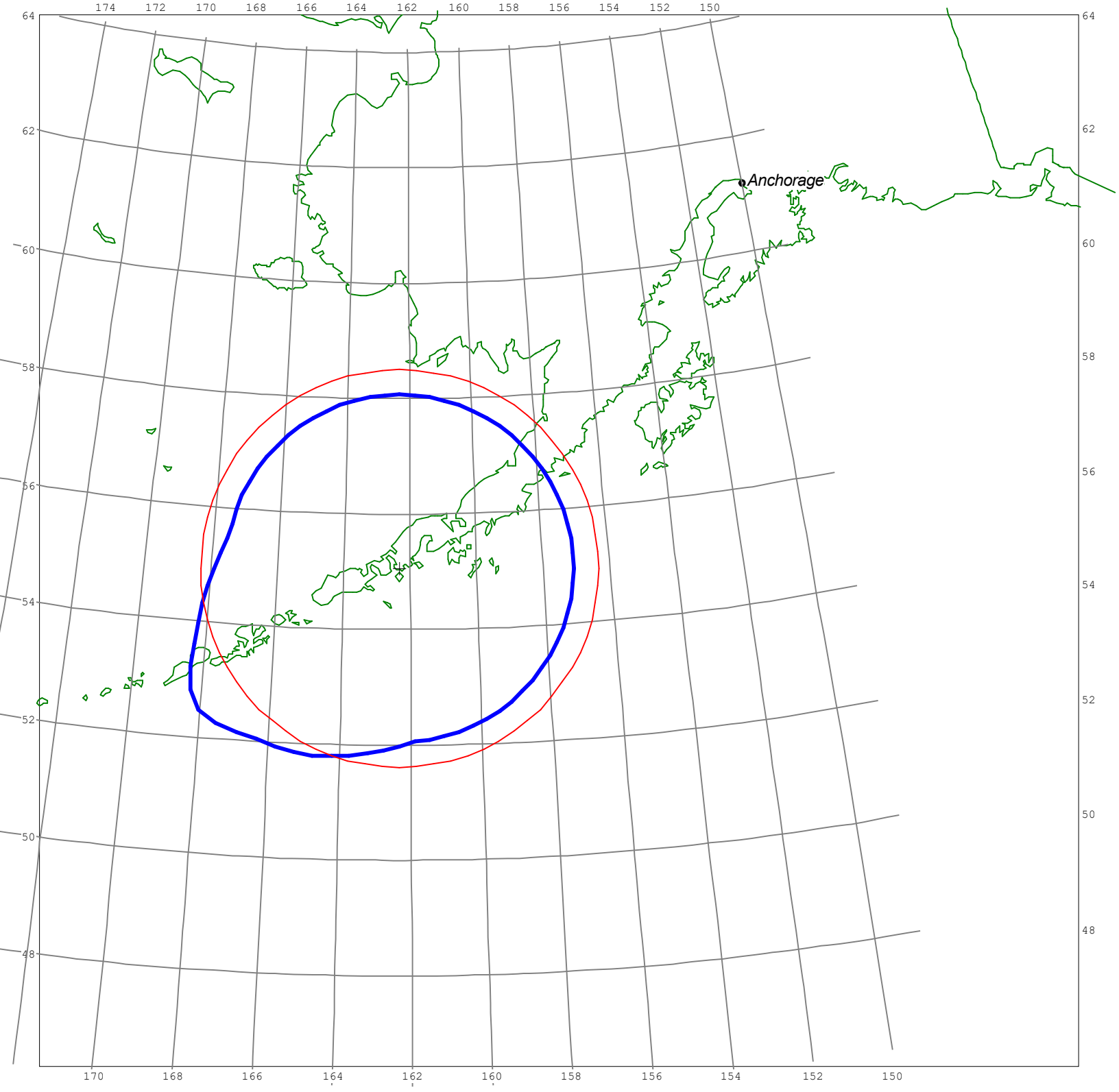


Exhibit A

Frequency Coordination

Site: Nome

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: F2014814 5.93 GHz
Licensee: TelAlaska Cellular, Inc. Page 1

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:

Nome, AK

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:

06/08/2020 Original PCN (Expedited response requested by 06/22/2020)
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:

COMSEARCH INC
UNICOM, INC
WIRELESS APPLICATIONS CORP

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

File: F2014814

TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

Company:		TelAlaska Cellular, Inc.	
Site Name, State:		Nome, AK	
Call Sign:		E080229	
Latitude	(NAD83)	64 29 41.5 N	
Longitude	(NAD83)	165 23 18.1 W	
Elevation AMSL	(ft/m)	20.00	6.10
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	113.00	123.00
Range of Azimuths from North	(deg)	124.81	134.68
Antenna Centerline	(ft/m)	11.50	3.51
Antenna Elevation Angles	(deg)	6.61	10.00

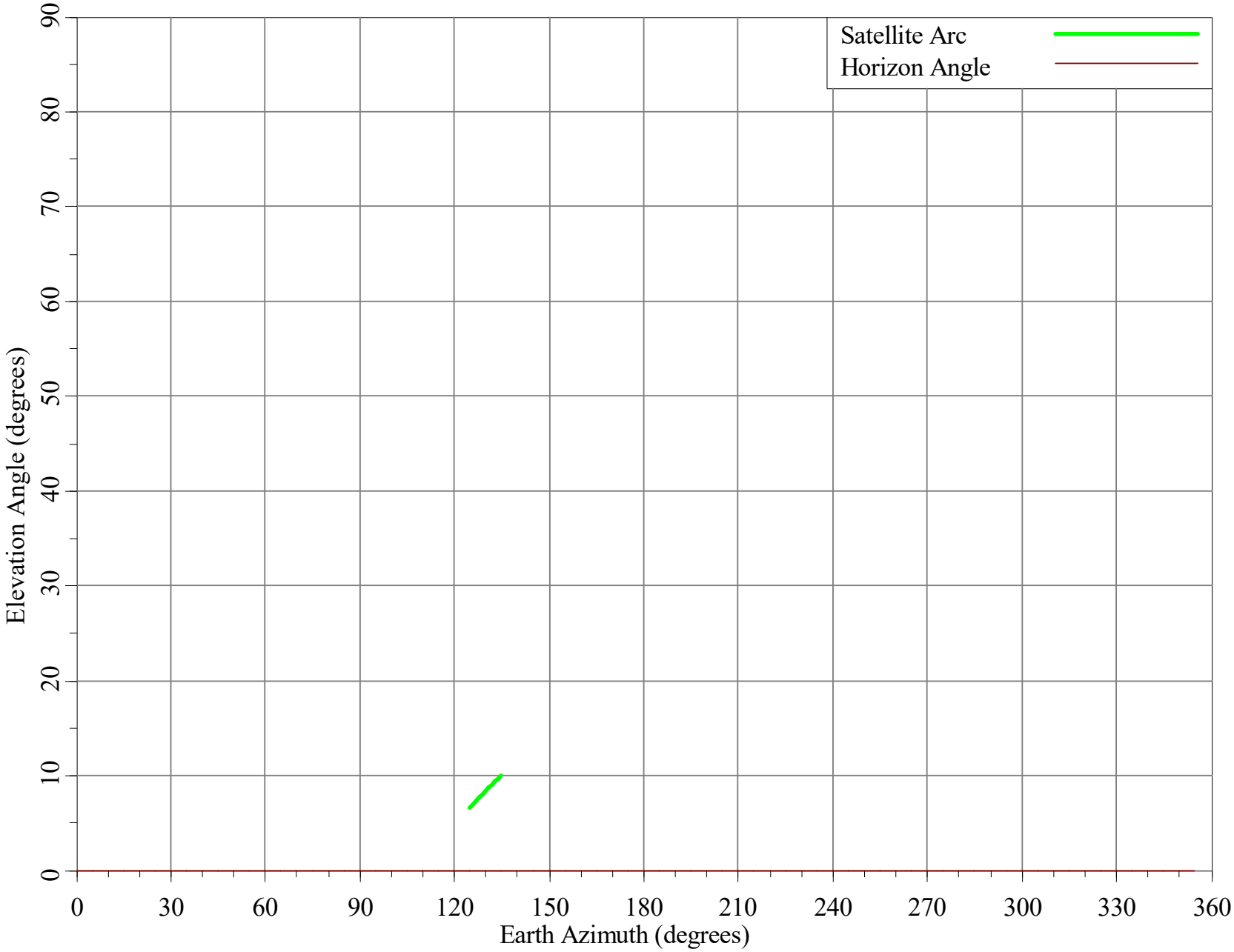
Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	41.90	46.20
15 DB Half Beamwidth	(deg)	4.00	2.00

Antennas Receive: PRODELIN 1385 (3.8M)
Transmit: PRODELIN 1385 (3.8M)

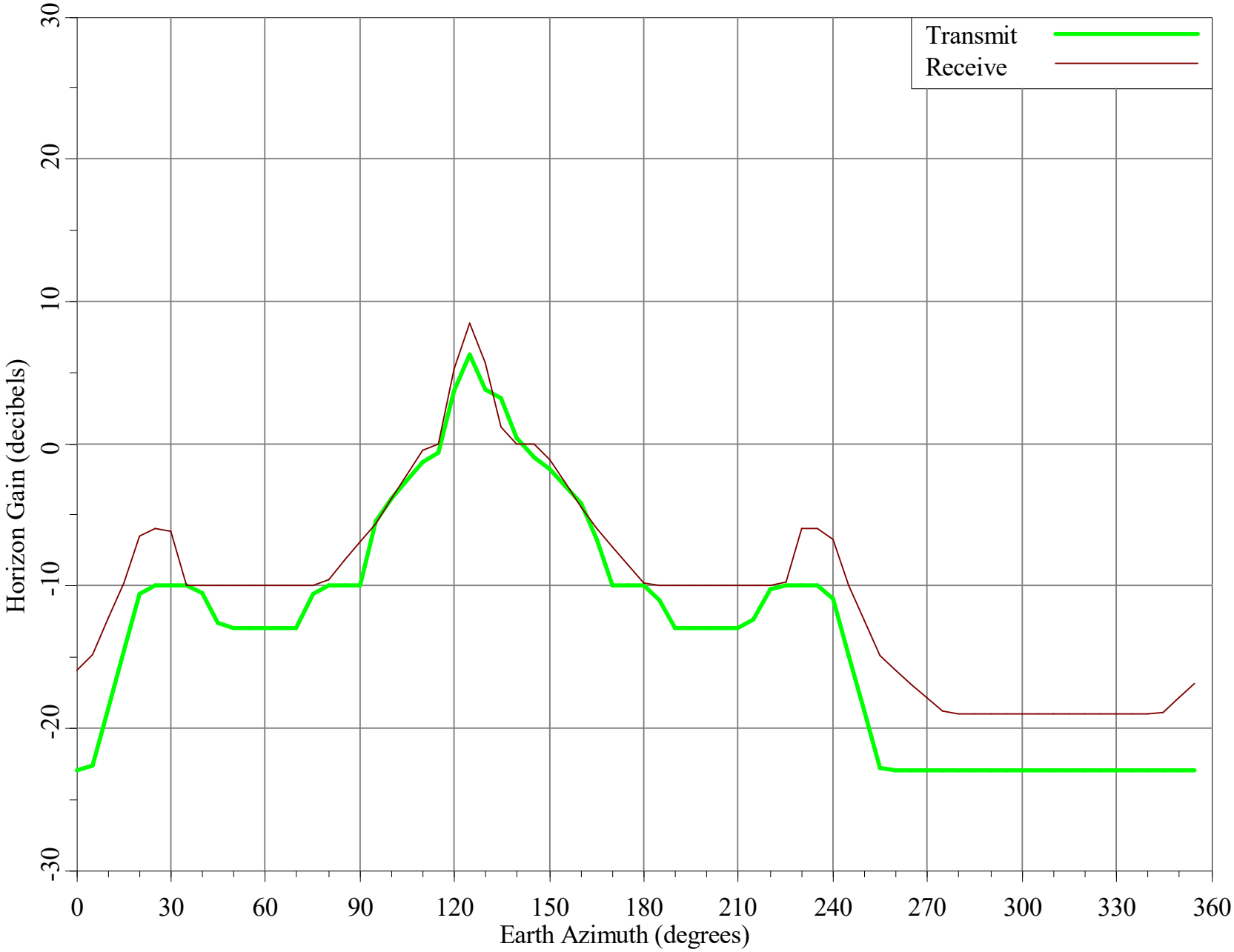
Max Transmitter Power	(dbW/4KHz)		-2.70
Max EIRP Main Beam	(dbW/4KHz)		43.50
Modulation / Emission Designator	DIGITAL	100KG7W	100KG8W
36M0G7W36M0D7W			

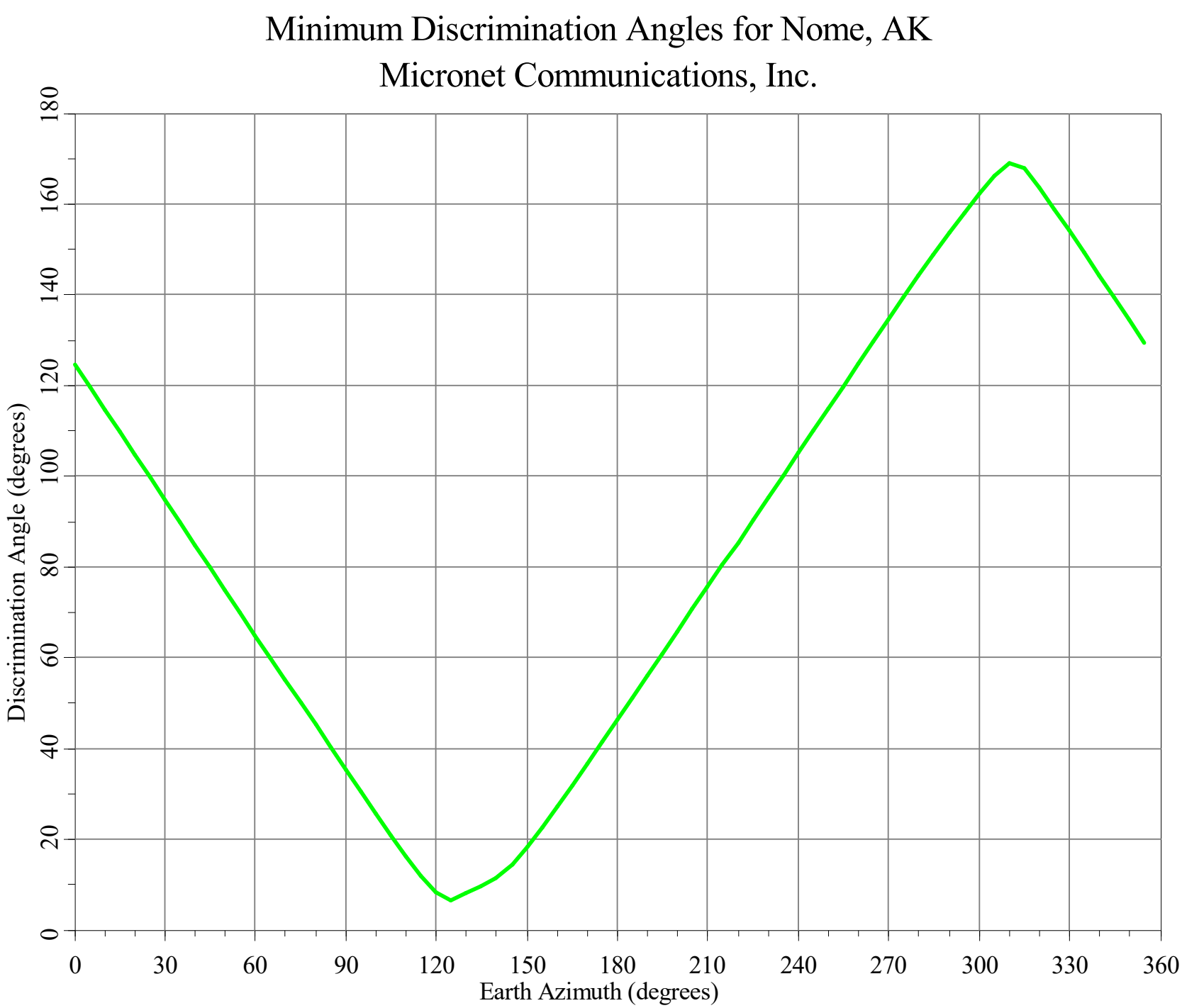
Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	492.45	232.31
Max Rain Scatter Distances	(km)	405.86	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		3	A

Horizon Angle & Satellite Arc for Nome, AK
Micronet Communications, Inc.

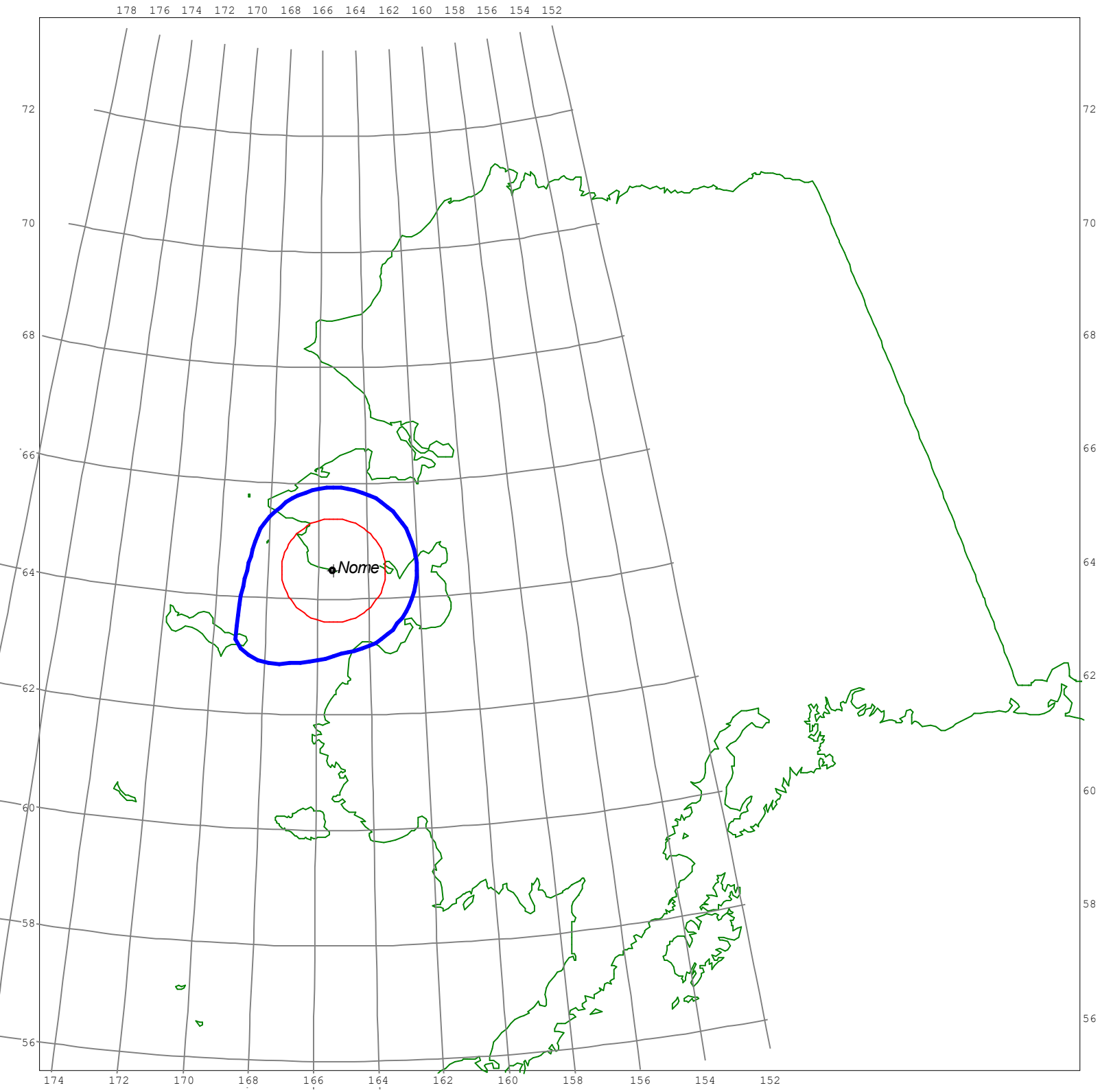


Horizon Gain for Nome, AK
Micronet Communications, Inc.




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

Final Contour & Rain Scatter for Nome, AK - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter for Nome, AK - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour
Rain Scatter

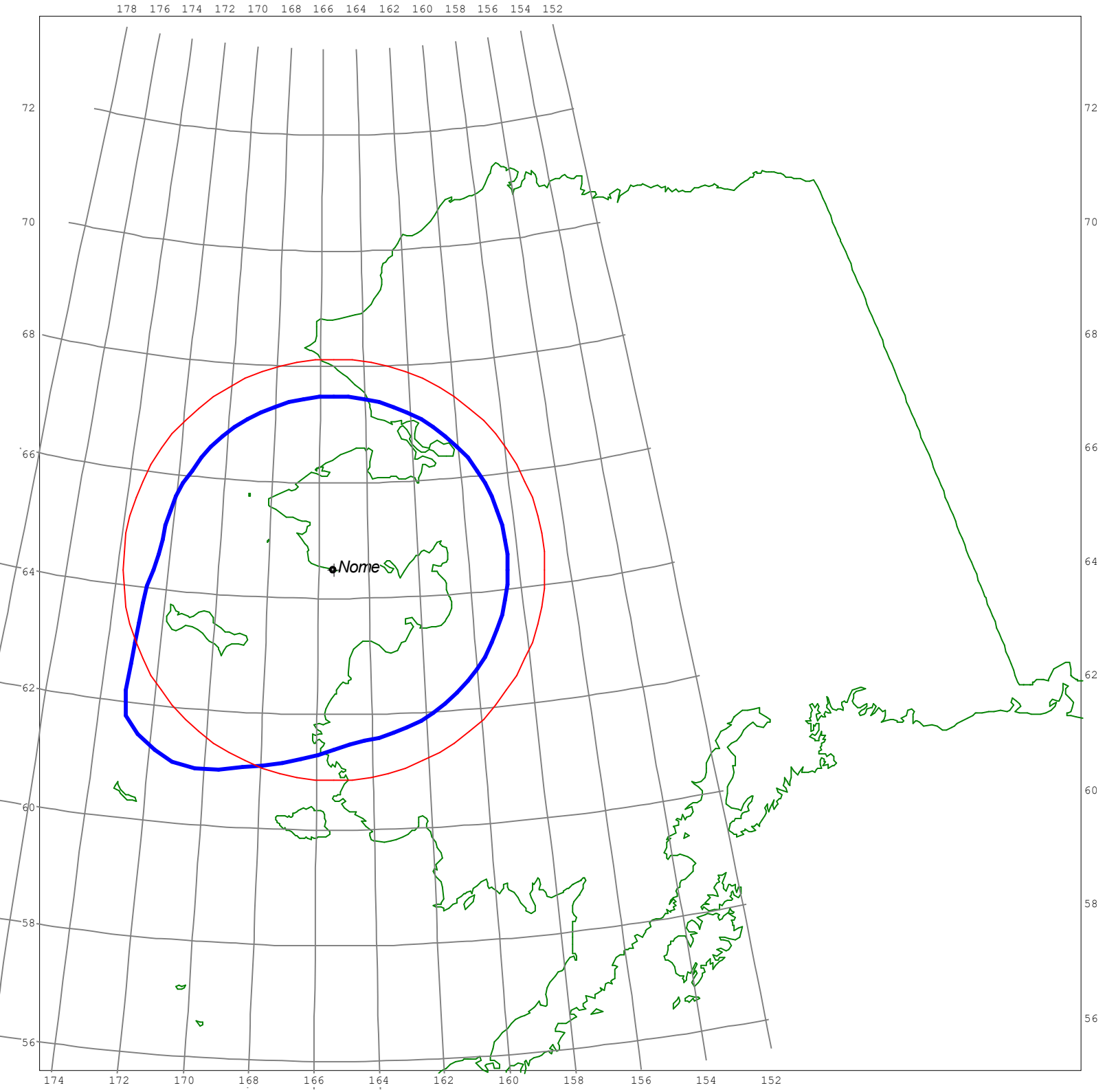


Exhibit A

Frequency Coordination

Site: Saint Paul

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: G2014814 5.93 GHz
Licensee: TelAlaska Cellular, Inc. Page 1

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:

Saint Paul, AK

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:

06/08/2020 Original PCN (Expedited response requested by 06/22/2020)
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:

COMSEARCH INC

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

File: G2014814

TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

Company:		TelAlaska Cellular, Inc.	
Site Name, State:		Saint Paul, AK	
Call Sign:		E080229	
Latitude	(NAD83)	57 7 13.8 N	
Longitude	(NAD83)	170 16 42.8 W	
Elevation AMSL	(ft/m)	14.00	4.27
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	113.00	123.00
Range of Azimuths from North	(deg)	118.35	127.80
Antenna Centerline	(ft/m)	11.50	3.51
Antenna Elevation Angles	(deg)	8.48	13.16

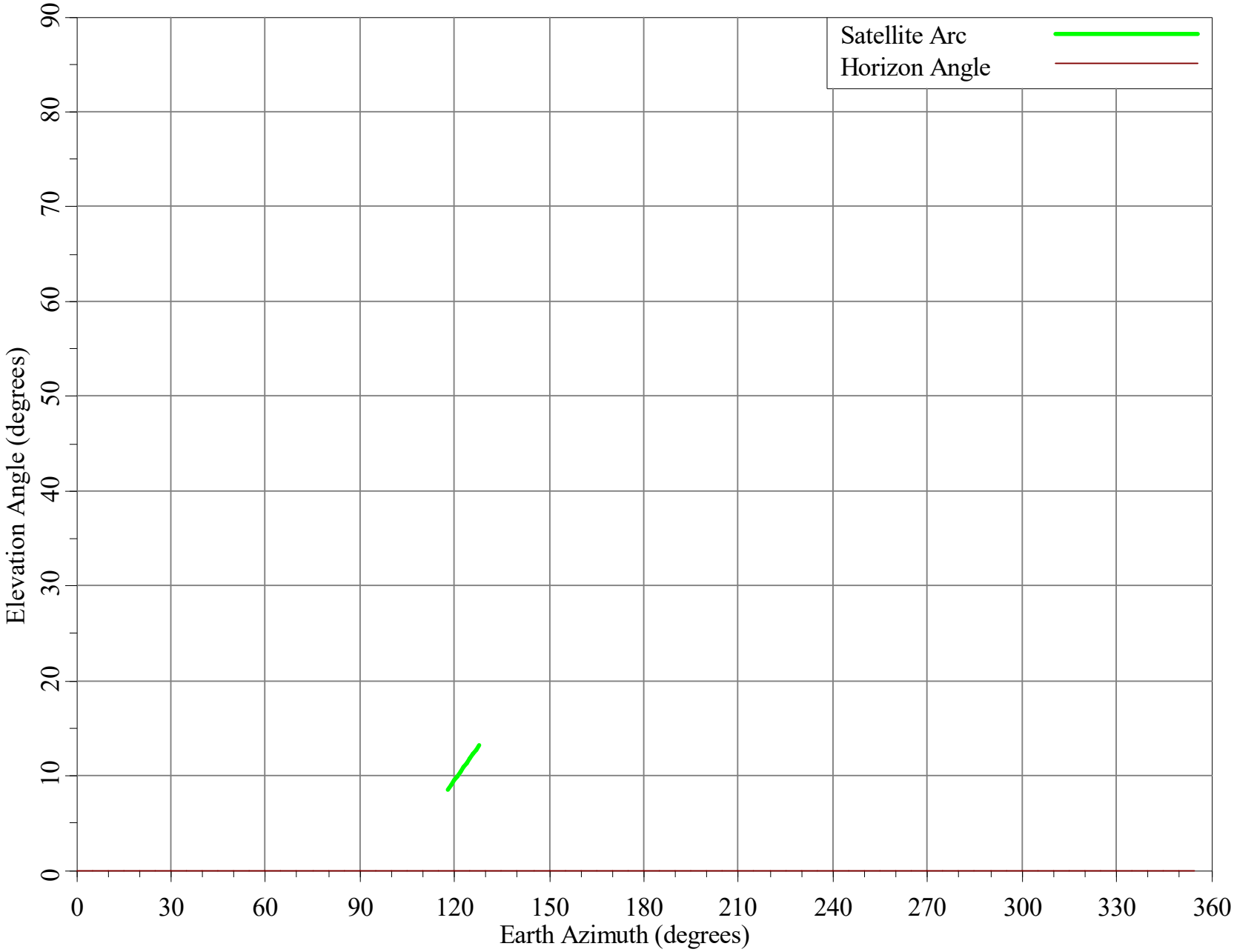
Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	41.90	46.20
15 DB Half Beamwidth	(deg)	4.00	2.00

Antennas Receive: PRODELIN 1385 (3.8M)
Transmit: PRODELIN 1385 (3.8M)

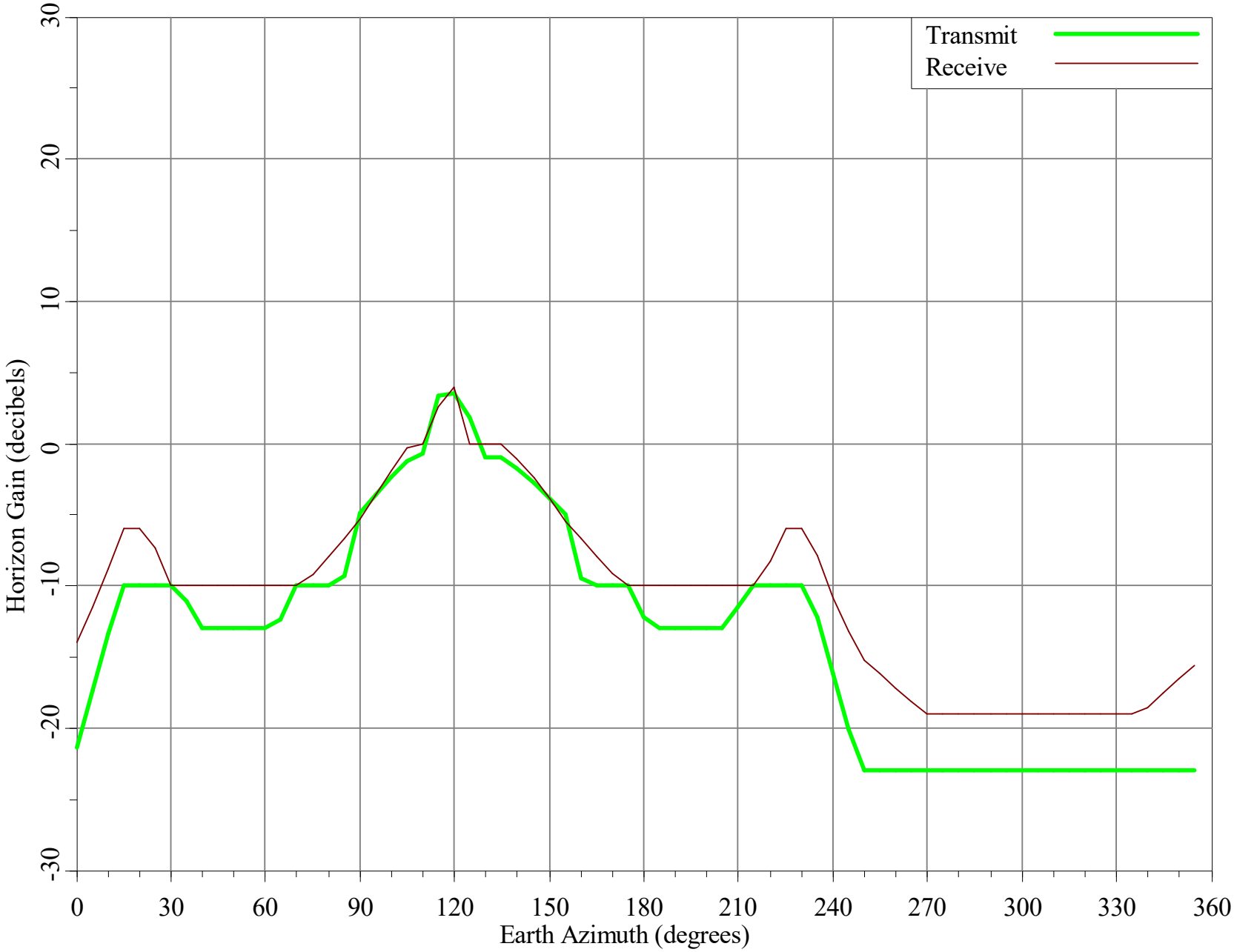
Max Transmitter Power	(dbW/4KHz)		-2.70
Max EIRP Main Beam	(dbW/4KHz)		43.50
Modulation / Emission Designator	DIGITAL	100KG7W	100KG8W
36M0G7W36M0D7W			

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	487.87	229.69
Max Rain Scatter Distances	(km)	392.40	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		3	A

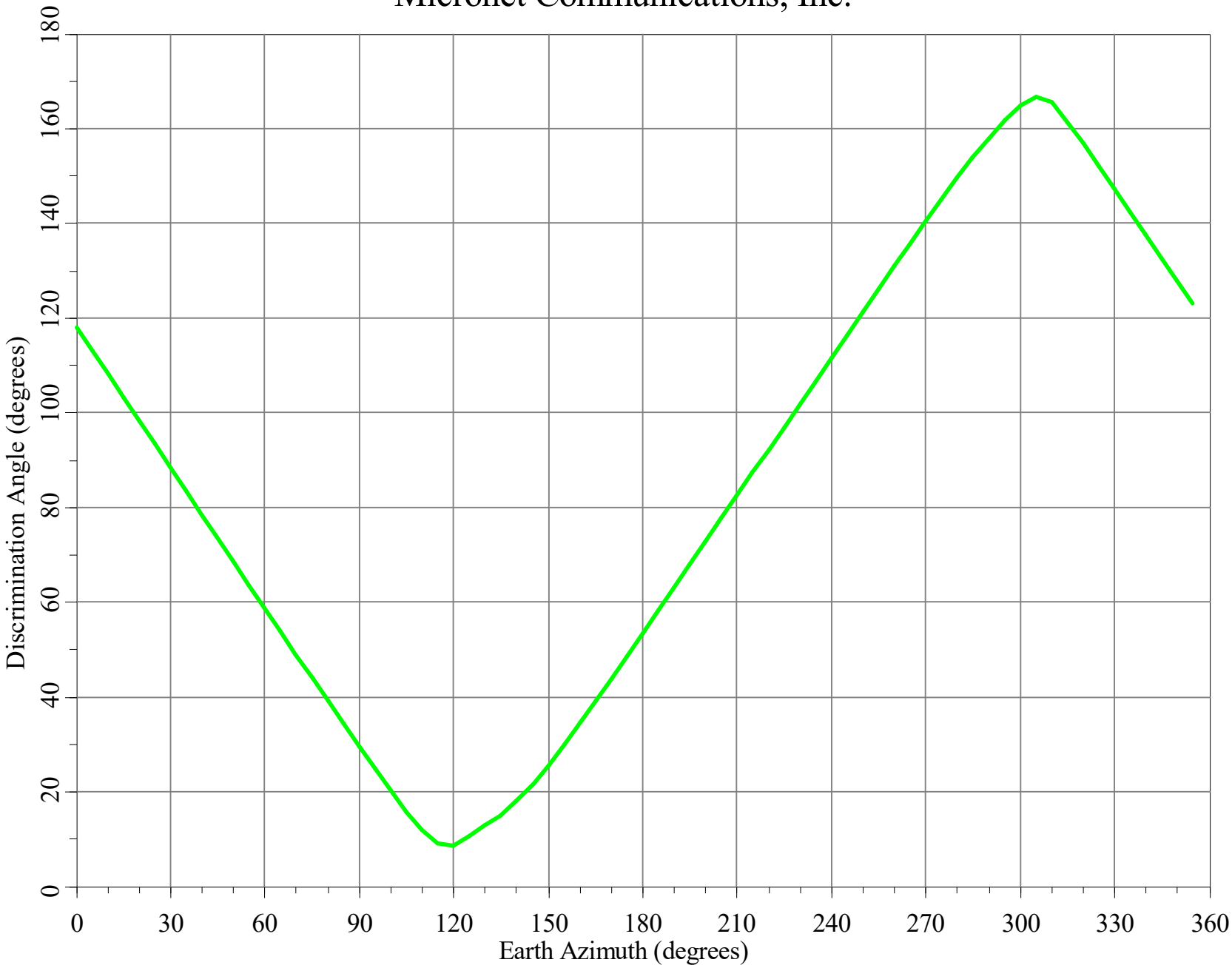
Horizon Angle & Satellite Arc for Saint Paul, AK
Micronet Communications, Inc.



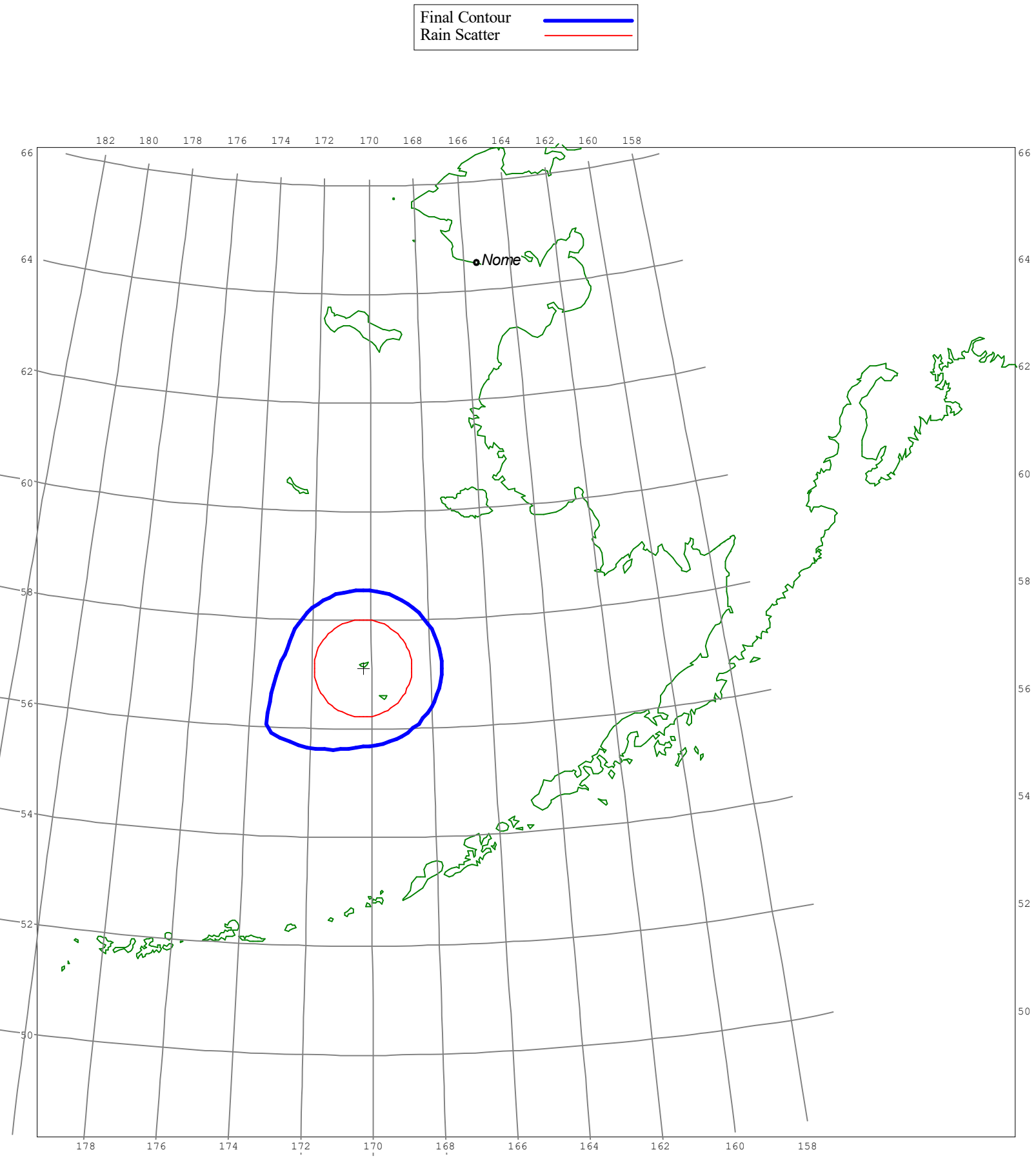
Horizon Gain for Saint Paul, AK
Micronet Communications, Inc.



Minimum Discrimination Angles for Saint Paul, AK
Micronet Communications, Inc.



Final Contour & Rain Scatter for Saint Paul, AK - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter for Saint Paul, AK - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour

Rain Scatter

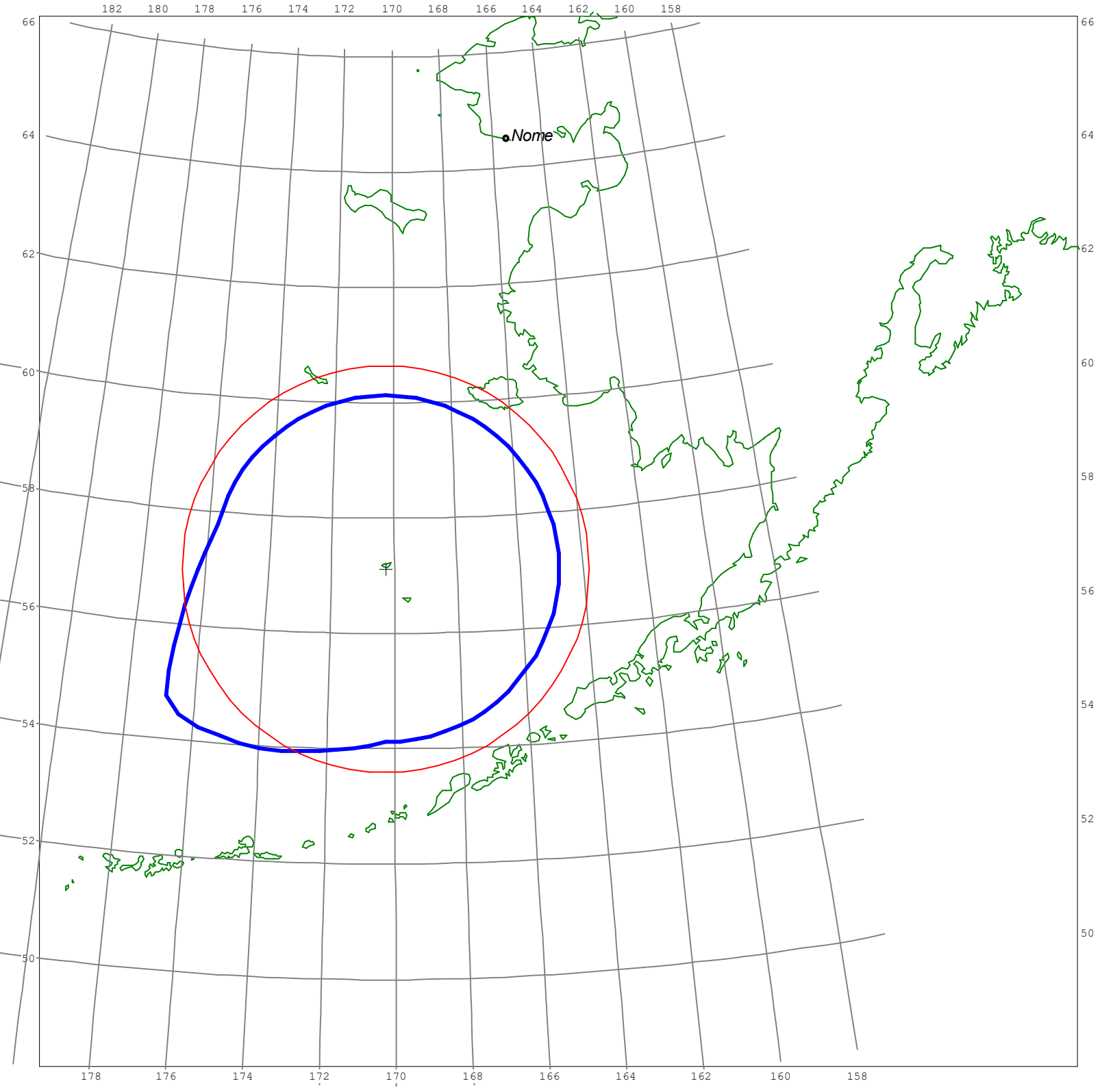


Exhibit A

Frequency Coordination

Site: Sand Point

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: H2014814 5.93 GHz
Licensee: TelAlaska Cellular, Inc. Page 1

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:

Sand Point, AK

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:

06/08/2020 Original PCN (Expedited response requested by 06/22/2020)
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:

COMSEARCH INC

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

File: H2014814

TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

Company:		TelAlaska Cellular, Inc.	
Site Name, State:		Sand Point, AK	
Call Sign:		E080229	
Latitude	(NAD83)	55 20 32.9 N	
Longitude	(NAD83)	160 29 39.1 W	
Elevation AMSL	(ft/m)	101.00	30.78
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	107.00	123.00
Range of Azimuths from North	(deg)	121.33	137.00
Antenna Centerline	(ft/m)	11.50	3.51
Antenna Elevation Angles	(deg)	11.26	18.59

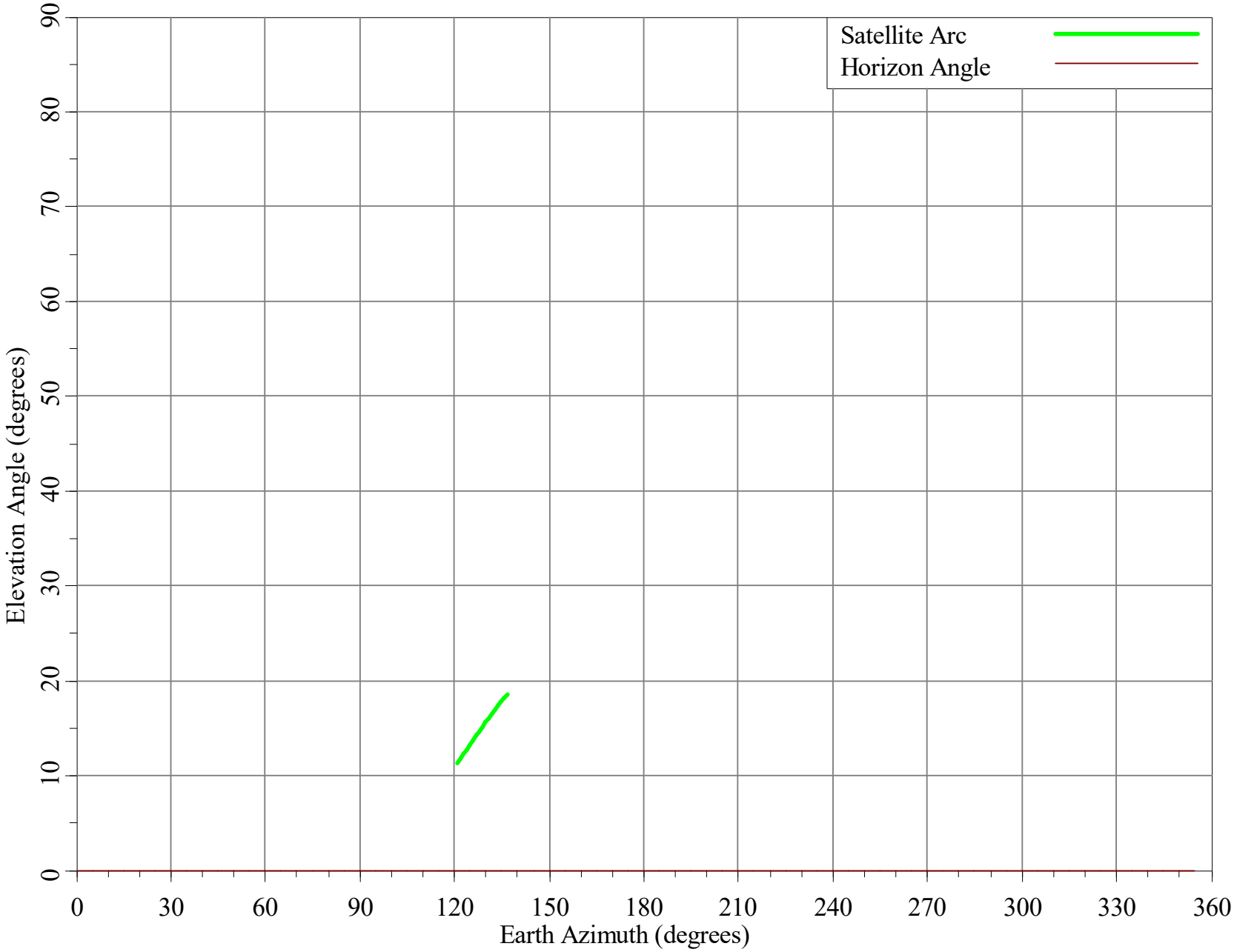
Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	41.90	46.20
15 DB Half Beamwidth	(deg)	4.00	2.00

Antennas Receive: PRODELIN 1385 (3.8M)
Transmit: PRODELIN 1385 (3.8M)

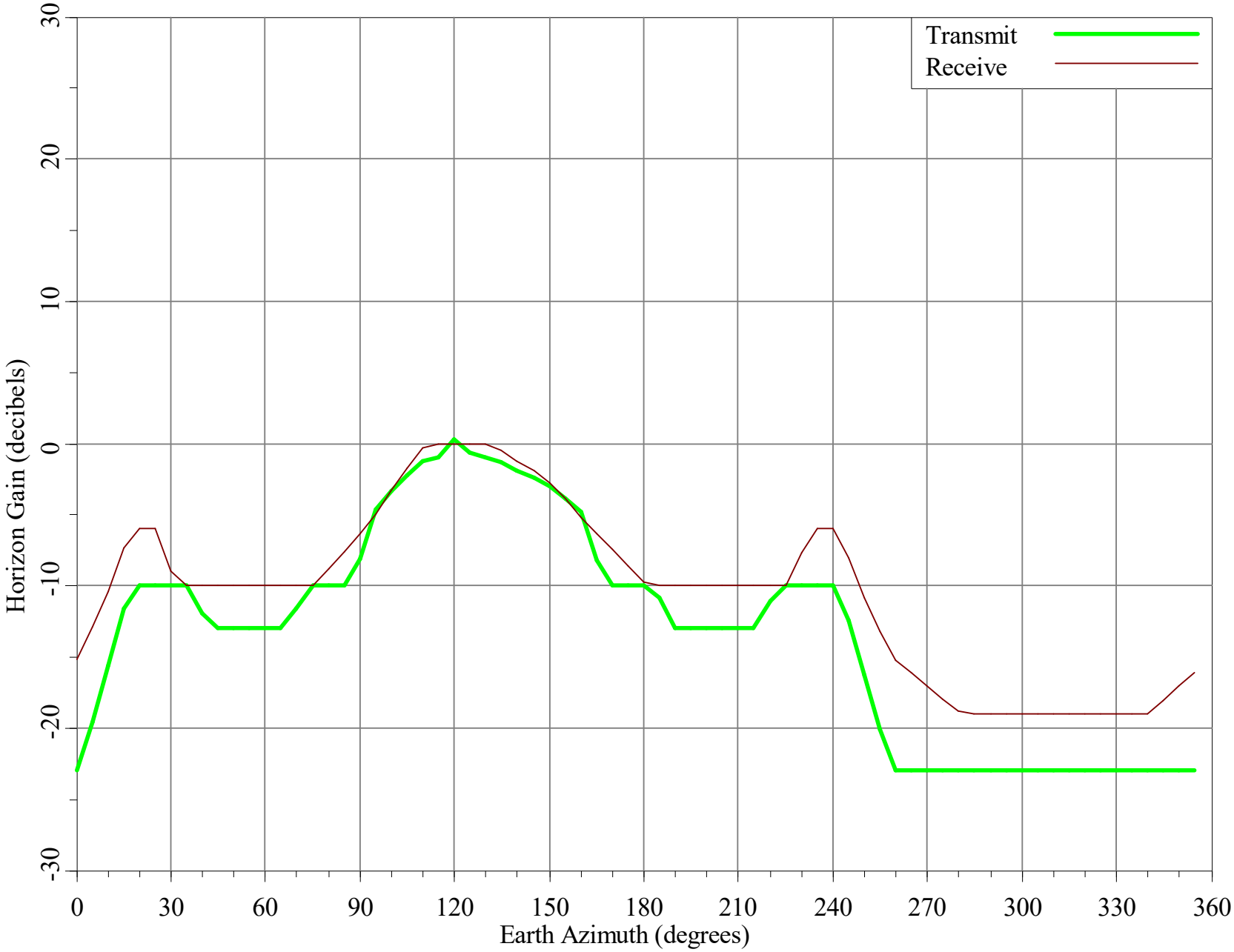
Max Transmitter Power	(dbW/4KHz)		-2.70
Max EIRP Main Beam	(dbW/4KHz)		43.50
Modulation / Emission Designator	DIGITAL	100KG7W	100KG8W
36M0G7W36M0D7W			

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	466.17	217.59
Max Rain Scatter Distances	(km)	380.58	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		3	A

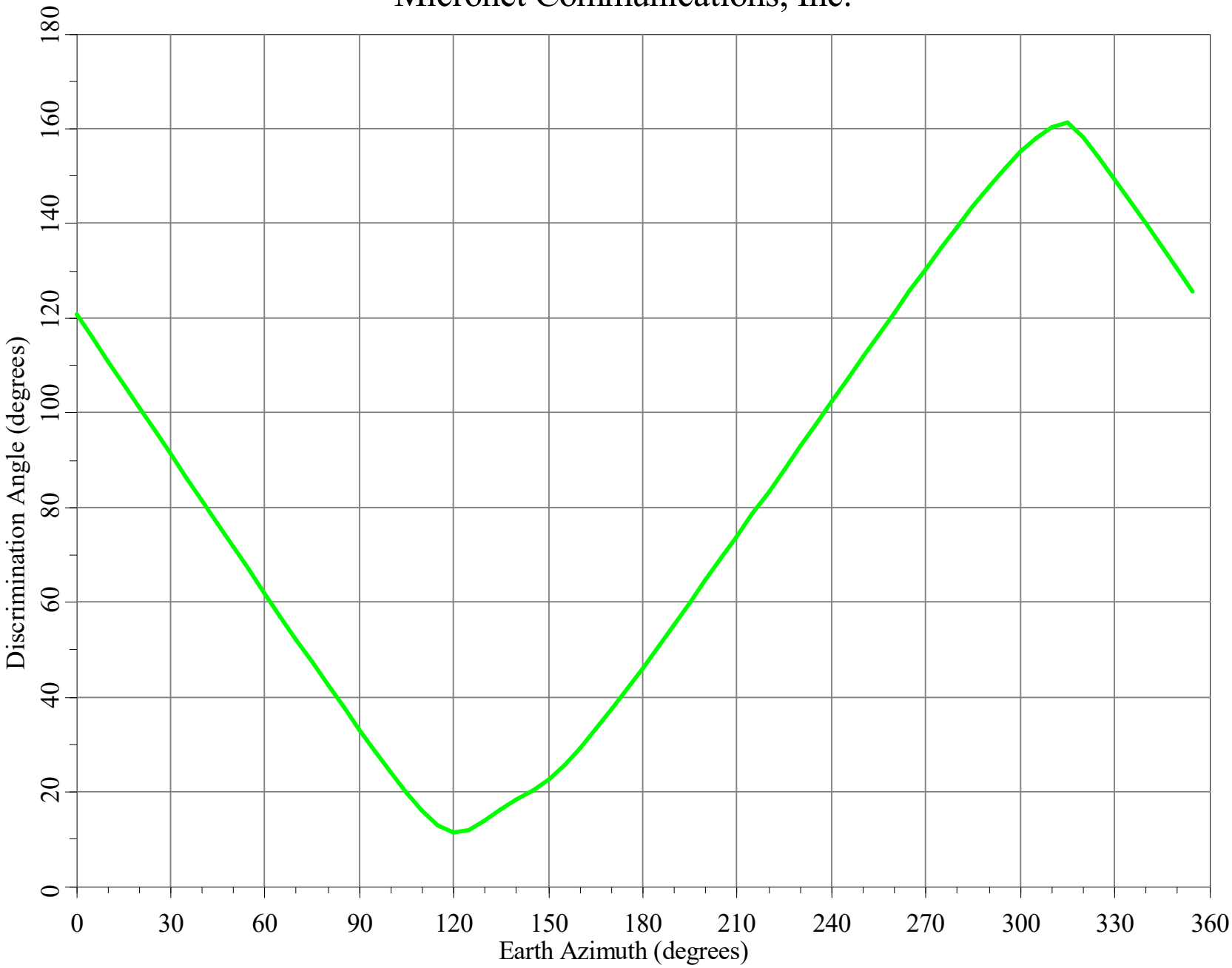
Horizon Angle & Satellite Arc for Sand Point, AK
Micronet Communications, Inc.



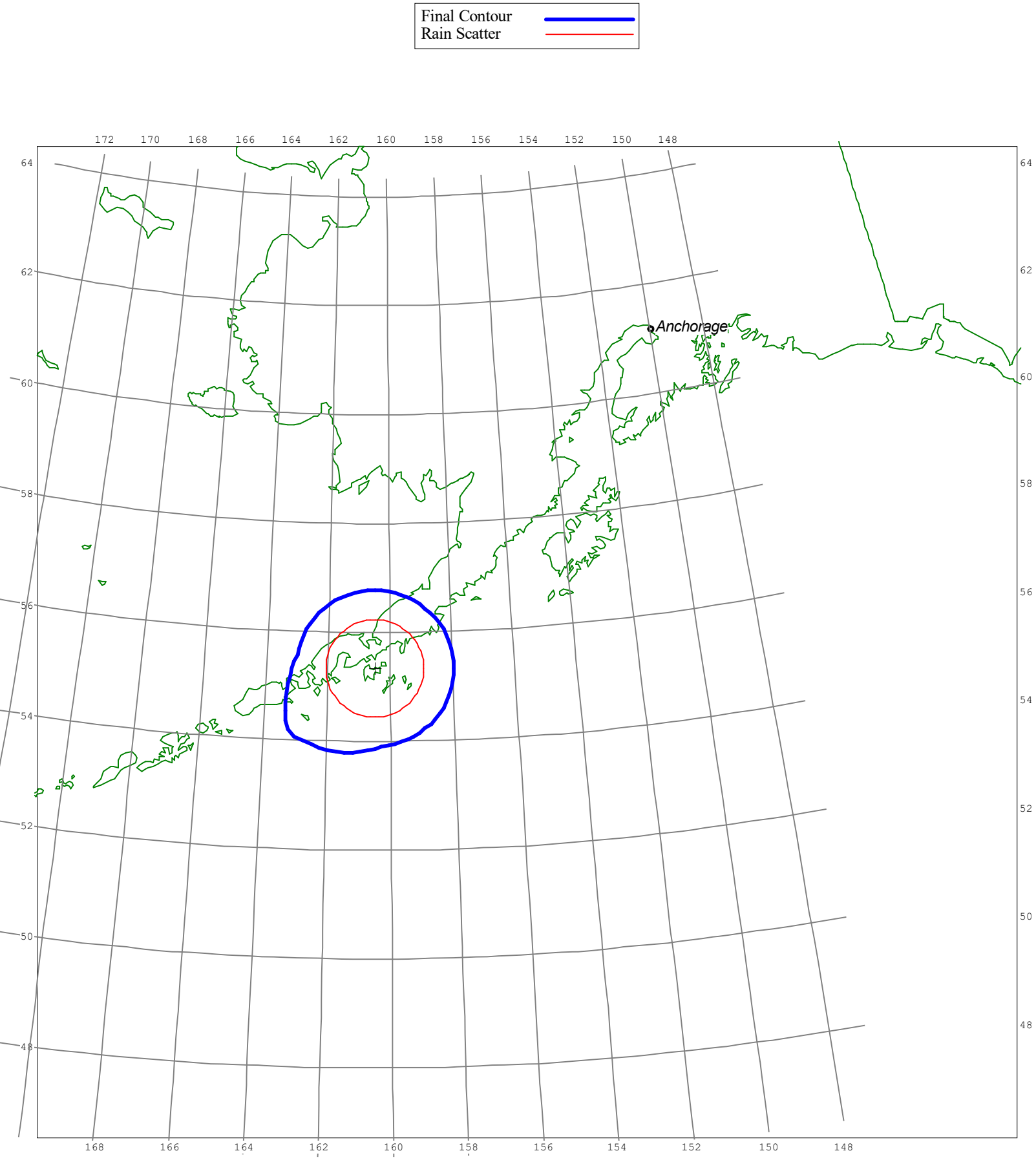
Horizon Gain for Sand Point, AK
Micronet Communications, Inc.



Minimum Discrimination Angles for Sand Point, AK
Micronet Communications, Inc.



Final Contour & Rain Scatter for Sand Point, AK - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter for Sand Point, AK - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour

Rain Scatter

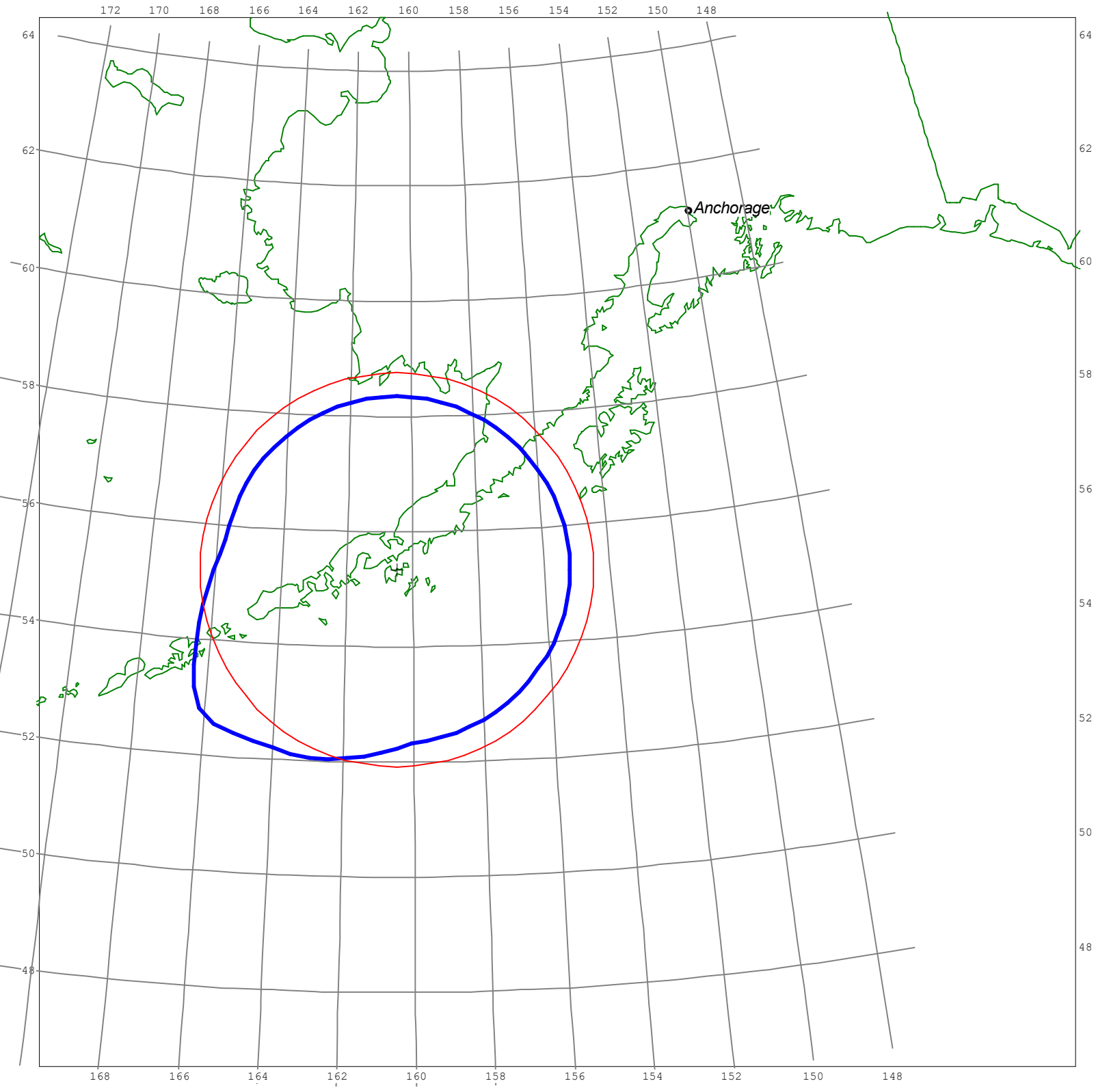


Exhibit A

Frequency Coordination

Site: Unalaska

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: J2014814 5.93 GHz
Licensee: TelAlaska Cellular, Inc.

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:

Unalaska, AK

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:

06/08/2020 Original PCN (Expedited response requested by 06/22/2020)
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:

COMSEARCH INC

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

File: J2014814

TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

Company:		TelAlaska Cellular, Inc.	
Site Name, State:		Unalaska, AK	
Call Sign:		E080229	
Latitude	(NAD83)	53 52 5.3 N	
Longitude	(NAD83)	166 31 17.7 W	
Elevation AMSL	(ft/m)	24.00	7.32
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	107.00	123.00
Range of Azimuths from North	(deg)	115.42	130.38
Antenna Centerline	(ft/m)	7.80	2.38
Antenna Elevation Angles	(deg)	8.82	17.01

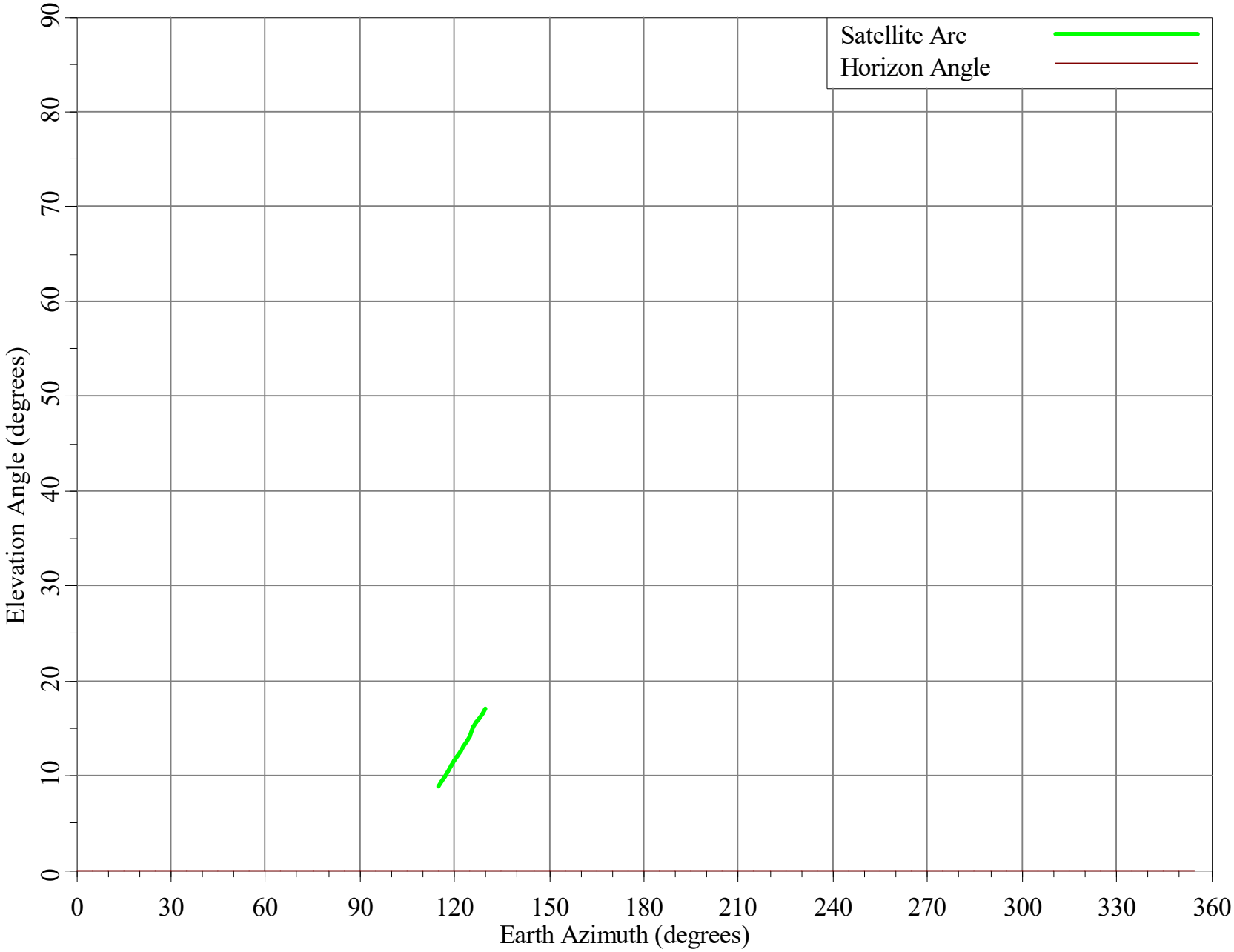
Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	43.90	47.50
15 DB Half Beamwidth	(deg)	2.20	1.50

Antennas Receive: ASC SIGNAL CORPORATION ES45-1 (4.5M)
Transmit: ASC SIGNAL CORPORATION ES45-1 (4.5M)

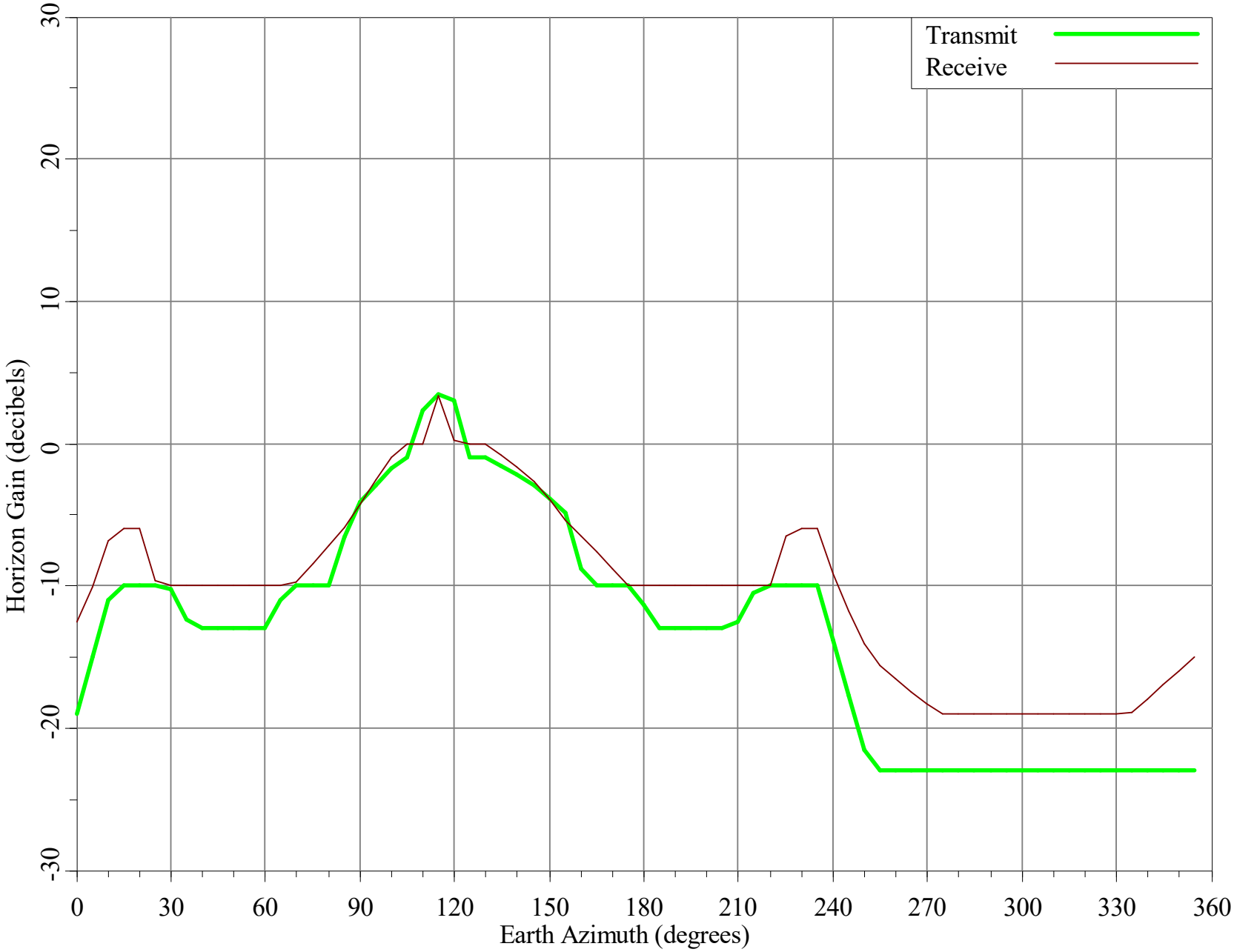
Max Transmitter Power	(dbW/4KHz)		-2.70
Max EIRP Main Beam	(dbW/4KHz)		44.80
Modulation / Emission Designator		DIGITAL 100KG7W	100KG8W 36M0G7W36M0D7W

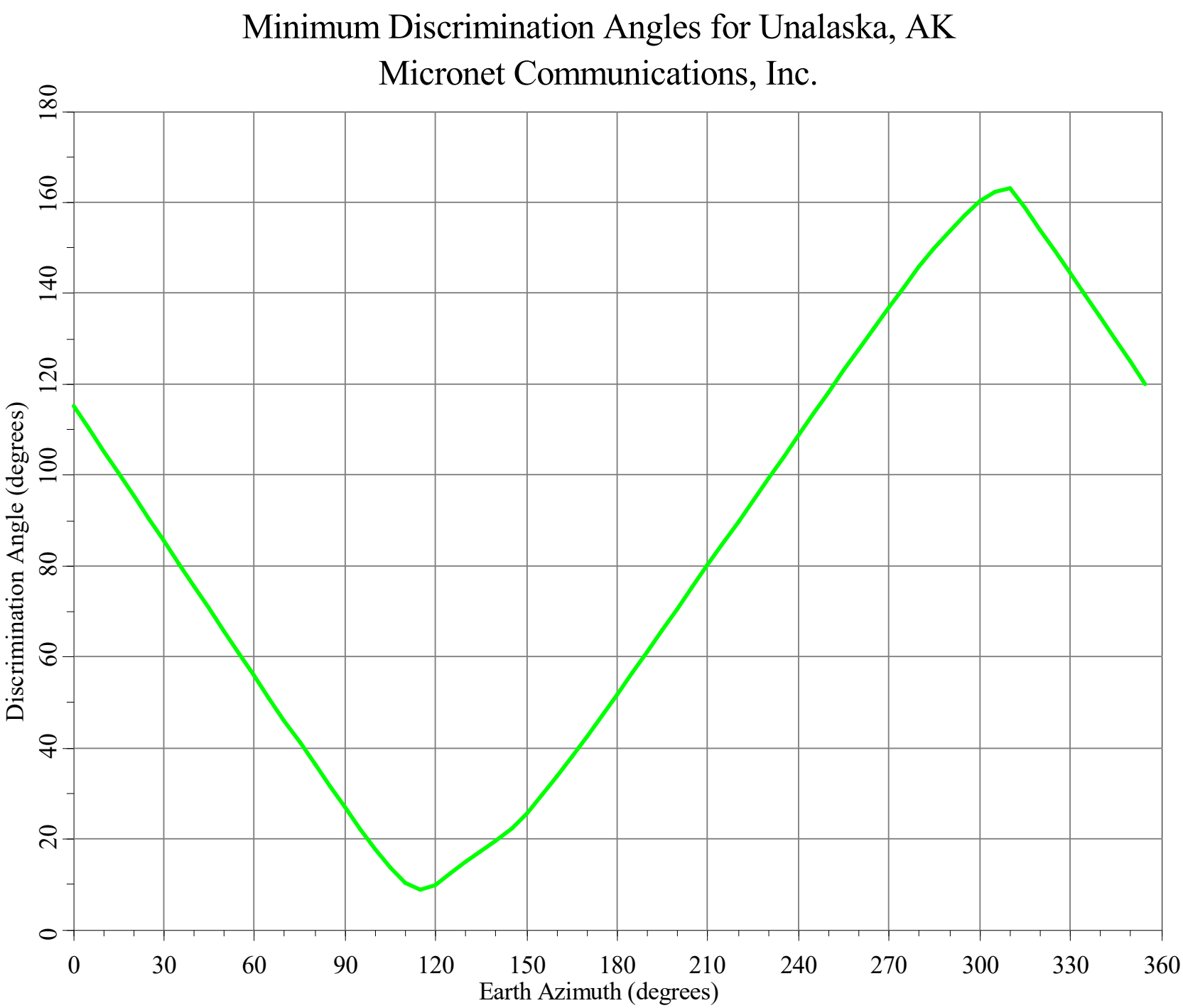
Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	487.87	229.69
Max Rain Scatter Distances	(km)	390.53	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		3	A

Horizon Angle & Satellite Arc for Unalaska, AK
Micronet Communications, Inc.

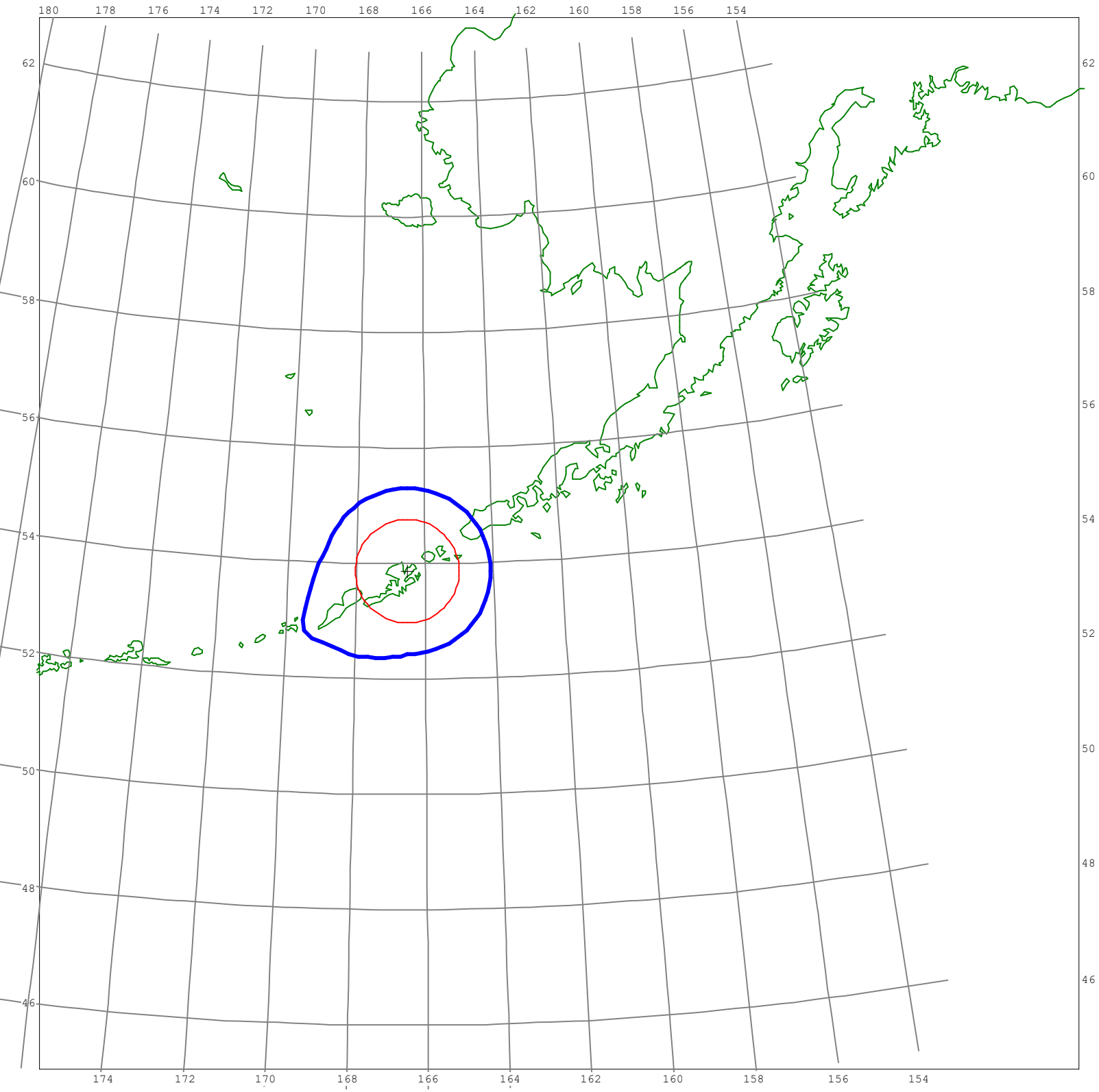


Horizon Gain for Unalaska, AK
Micronet Communications, Inc.




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

Final Contour & Rain Scatter for Unalaska, AK - Transmit



SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour & Rain Scatter for Unalaska, AK - Receive

SCALE - 1:10000000 1 inch = 157.8 miles

Final Contour

Rain Scatter