



**CBS COMMUNICATION SERVICES, INC.**  
1725 DESALES STREET, NW - SUITE 501  
WASHINGTON, DISTRICT OF COLUMBIA 20036-9998  
  
(202) 457-4602  
FAX: (202) 457-4615  
elnass@cbs.com

**EDWIN LANNY NASS**  
DIRECTOR SPECTRUM MANAGEMENT

August 17, 2018

Ms. Marlene Dortch, Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington DC 20554

ATTN: International Bureau, Satellite Division

RE: E900319 (SES-MOD-20180430-00501) Frequency Coordination Report Pleading

To Whom It May Concern:

This is to notify the Commission on behalf of CBS Communications Services Inc. that formal frequency coordination for Earth station E900319 (SES-MOD-20180430-00501), which is located at the WBZ-TV studio site, has now been successfully completed. Please find the coordination report, Micronet File Number B1820011, attached.

As permitted by waiver pursuant to Public Notice DA 18-398 (April 19, 2018), the application referenced above was initially filed *without* a frequency coordination report. The authorization, which was granted June 25, 2018, contains Condition Code 90472, stating that the Earth station is not entitled to protection from stations operating in the fixed service. Now that the coordination report is available, we respectfully request to have this language replaced by Condition Code 90471, stating that the Earth station is protected within the limits established by the attached report. It is understood that this change will require the application to be placed back on the Accepted for Filing Public Notice.

Please contact the undersigned if you have any questions.

Sincerely,

Daniel G. Ryson  
Associate Director of Spectrum Management  
CBS Communications Services Inc.  
(202) 457-4074  
dryson@cbs.com

**Micronet Communications, Inc.**

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: B1820011 3.70 GHz  
Licensee: CBS Communications Services Inc.

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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:

WBZ-TV, MA

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:

07/31/2018 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:

C

Respectfully Submitted,



Jeremy Lewis  
Systems Engineer

Attached: 1 data sheet

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

File: B1820011

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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|                                  |                                  |           |        |
|----------------------------------|----------------------------------|-----------|--------|
| Company:                         | CBS Communications Services Inc. |           |        |
| Site Name, State:                | WBZ-TV, MA                       |           |        |
| Call Sign:                       | E900319                          |           |        |
| Latitude                         | (NAD83)                          | 42 21     | 53.6 N |
| Longitude                        | (NAD83)                          | 71 7      | 58.6 W |
| Elevation AMSL                   | (ft/m)                           | 7.87      | 2.40   |
| Receive Frequency Range          | (MHz)                            | 3700-4200 |        |
| Transmit Frequency Range         | (MHz)                            |           |        |
| Range of Satellite Orbital Long. | (deg W)                          | 58.00     | 139.00 |
| Range of Azimuths from North     | (deg)                            | 160.90    | 254.67 |
| Antenna Centerline               | (ft/m)                           | 43.31     | 13.20  |
| Antenna Elevation Angles         | (deg)                            | 39.31     | 7.56   |

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Equipment Parameters Receive

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|                         |       |       |
|-------------------------|-------|-------|
| Antenna Gain, Main Beam | (dbI) | 42.70 |
| 15 DB Half Beamwidth    | (deg) | 2.00  |

Antennas Receive: PATRIOT ANTENNA SYSTEMS 4.5 METER

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

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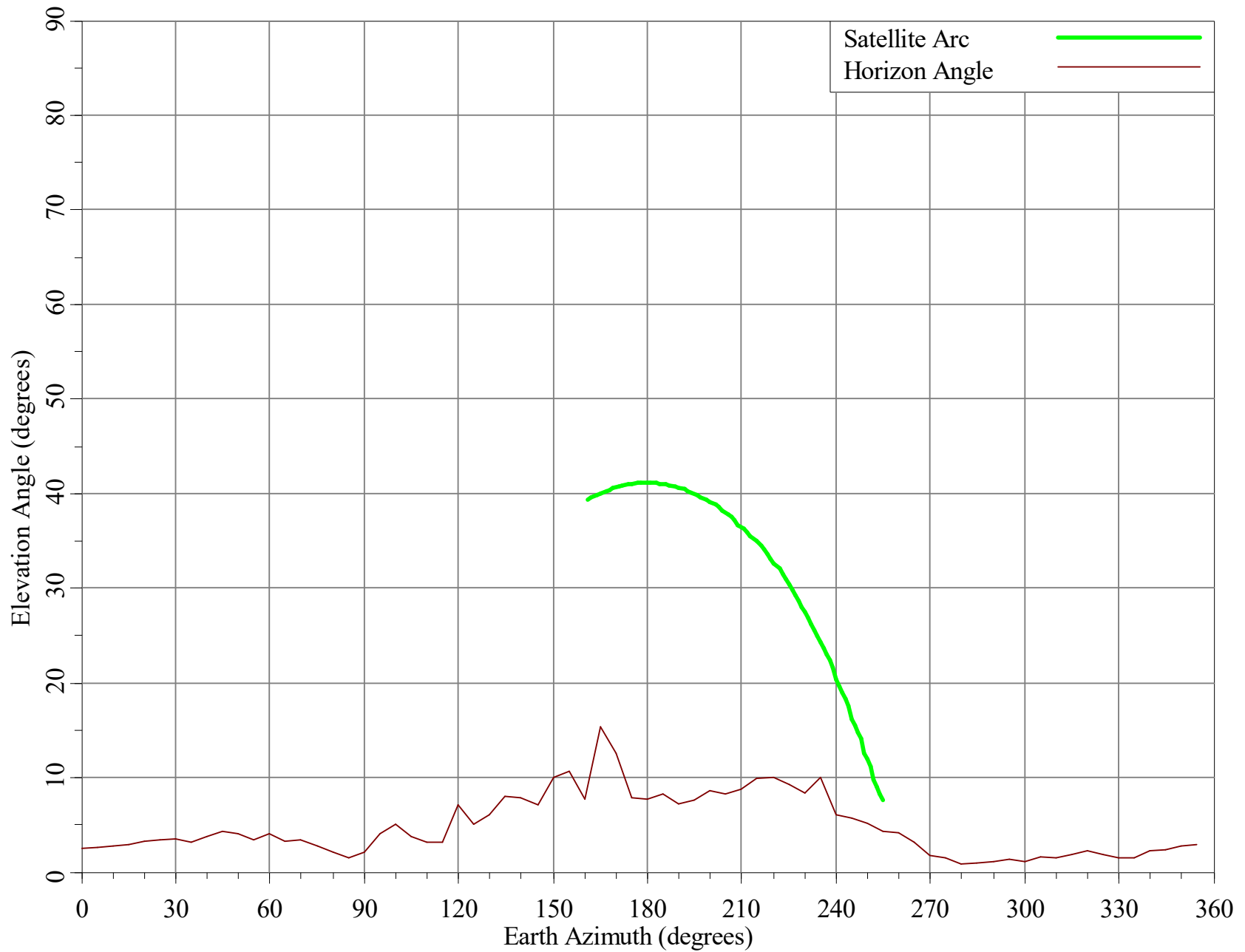
Coordination Parameters Receive

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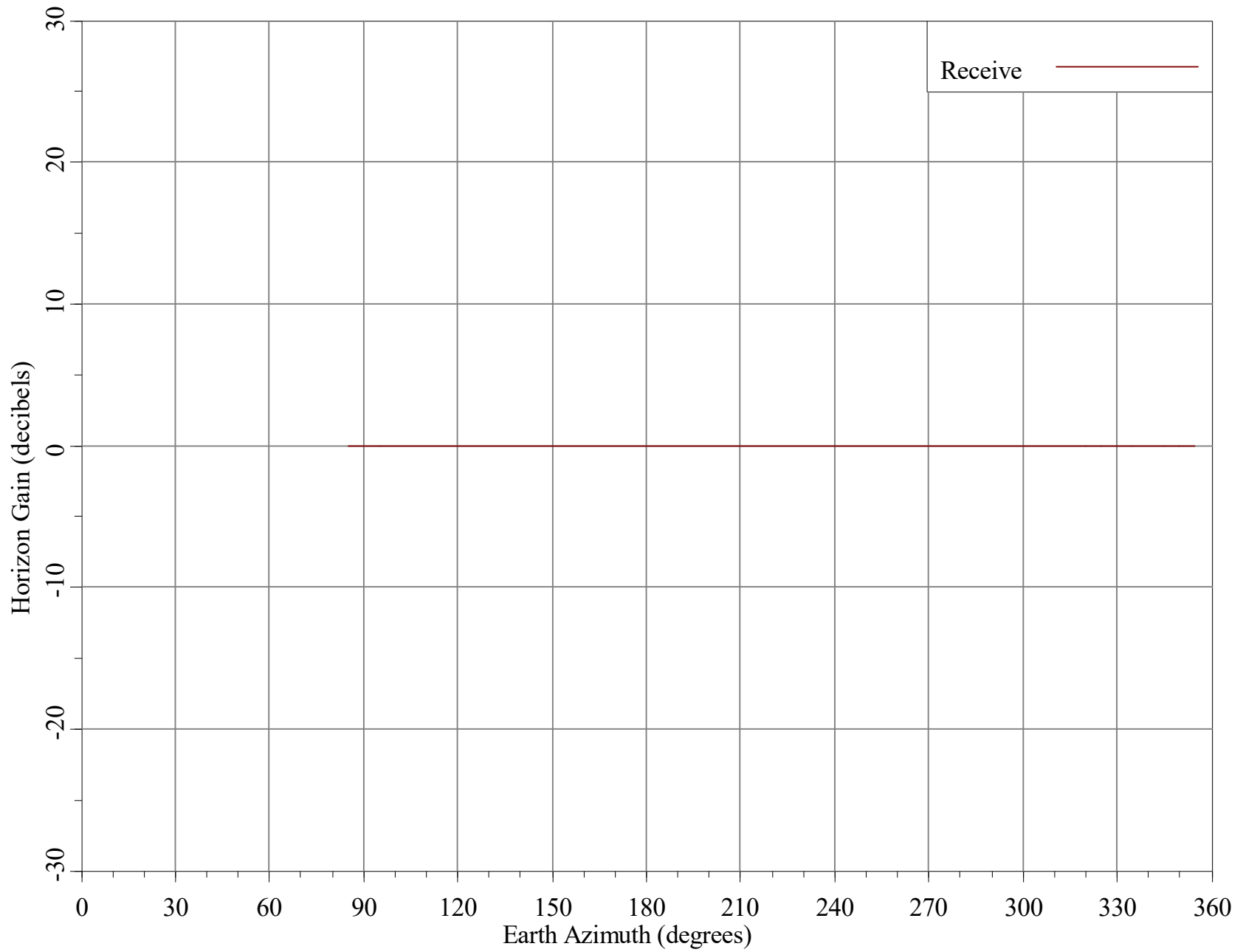
|                                   |       |         |   |
|-----------------------------------|-------|---------|---|
| Max Greater Circle Distances      | (km)  | 369.71  |   |
| Max Rain Scatter Distances        | (km)  | 446.36  |   |
| Max Interference Power Long Term  | (dbW) | -140.60 |   |
| Max Interference Power Short Term | (dbW) | -118.40 |   |
| Rain Zone / Radio Zone            |       | 2       | A |

# Horizon Angle & Satellite Arc for WBZ-TV, MA

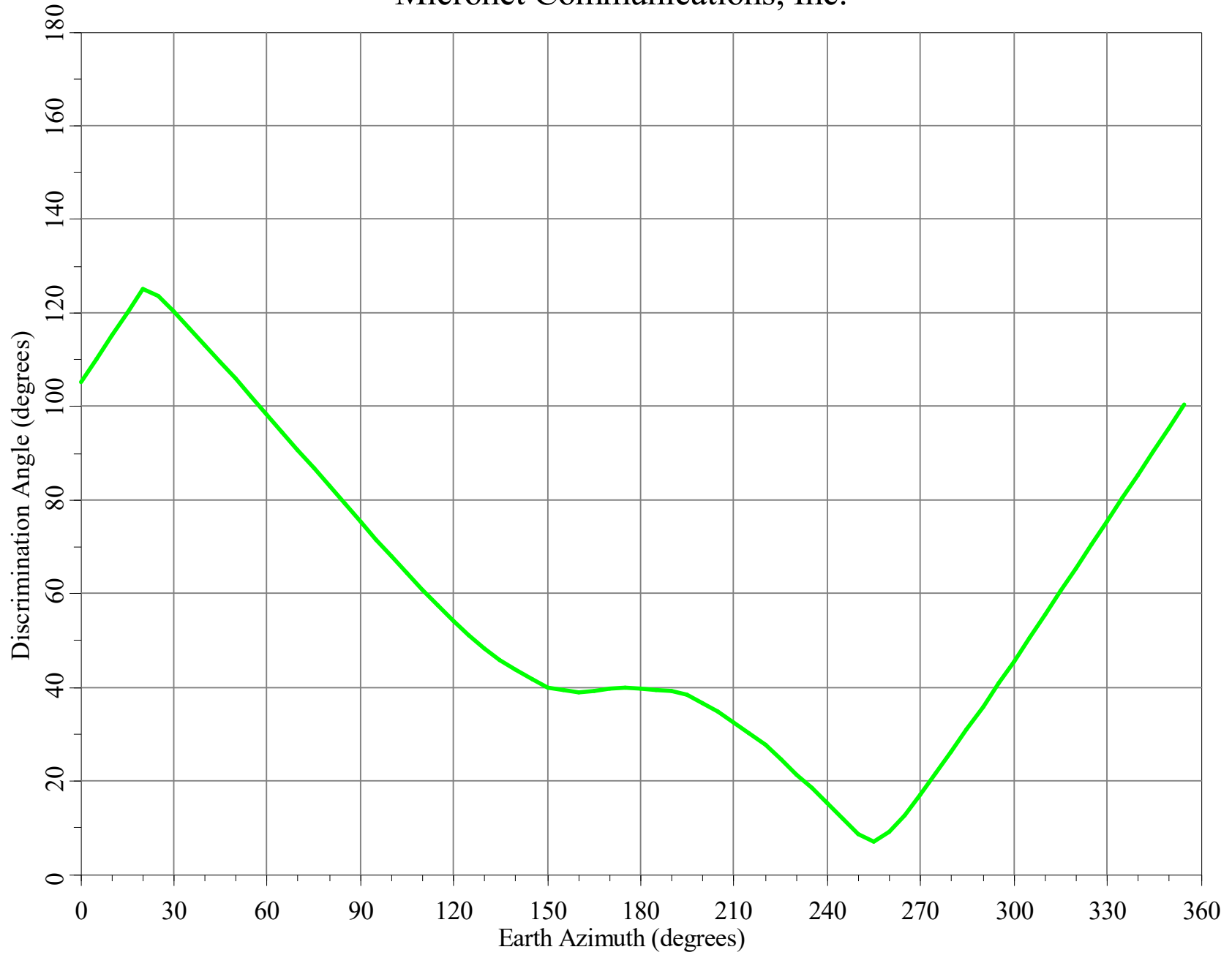
Micronet Communications, Inc.



# Horizon Gain for WBZ-TV, MA Micronet Communications, Inc.



Minimum Discrimination Angles for WBZ-TV, MA  
Micronet Communications, Inc.



# Final Contour & Rain Scatter for WBZ-TV, MA - Receive

