



Blakeney Communications WBBN Studio Site
31-45-23.3 N, 89-09-32.8 W

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

File: M1823217

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company:	BLAKENEY COMMUNICATIONS, INC.		
Site Name, State:	WBBN Studio, MS		
Call Sign:			
Latitude	(NAD83)	31 45	23.3 N
Longitude	(NAD83)	89 9	32.8 W
Elevation AMSL	(ft/m)	318.00	96.93
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	160.00
Range of Azimuths from North	(deg)	133.33	259.64
Antenna Centerline	(ft/m)	6.50	1.98
Antenna Elevation Angles	(deg)	41.45	7.60

Equipment Parameters Receive

Antenna Gain, Main Beam	(dbI)	42.90
15 DB Half Beamwidth	(deg)	3.20

Antennas Receive: COMTECH 829165-G1 (3.8M)

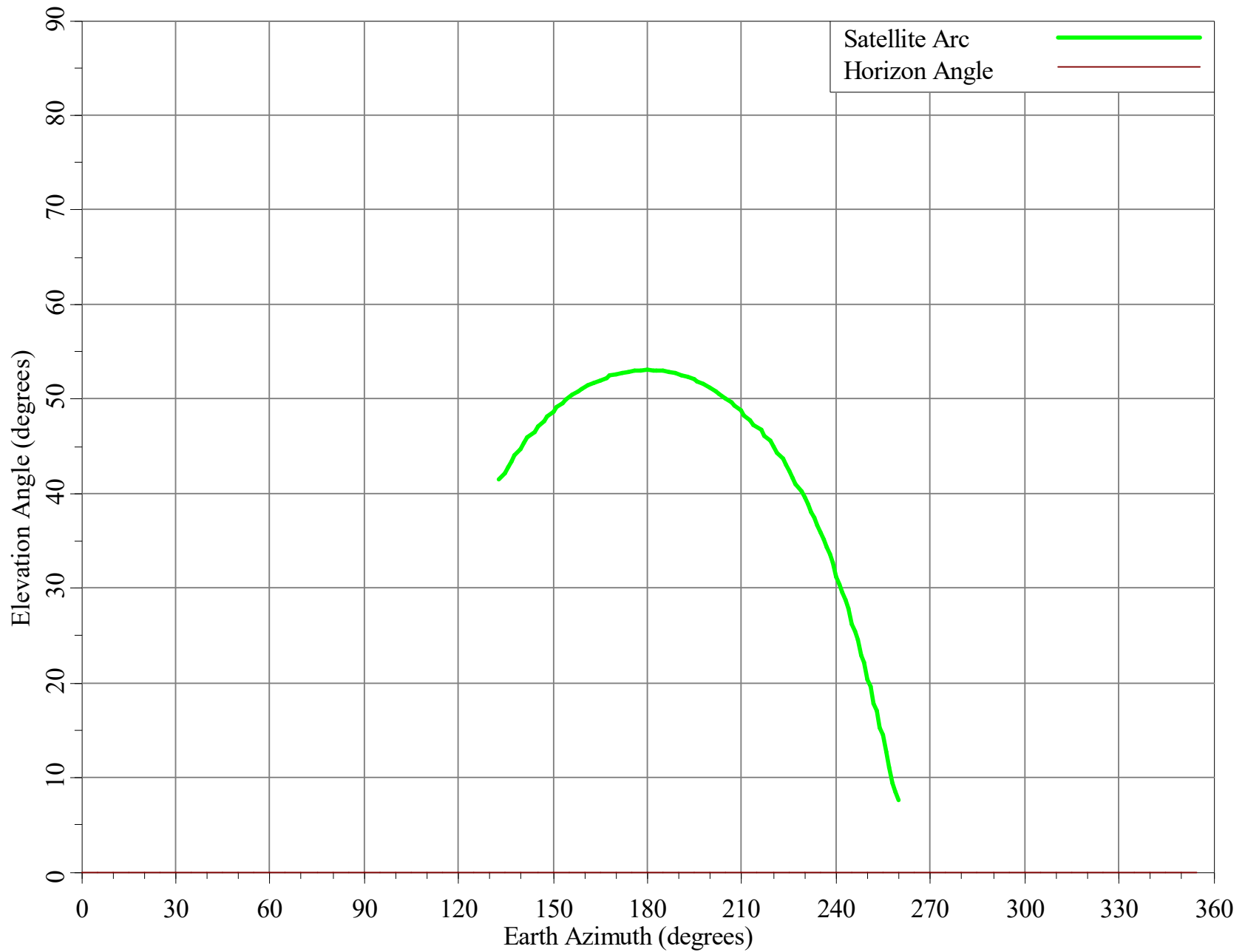
Max Transmitter Power	(dbW/4KHz)	
Max EIRP Main Beam	(dbW/4KHz)	
Modulation / Emission Designator	DIGITAL	36M0D7W

Coordination Parameters Receive

Max Greater Circle Distances	(km)	487.87
Max Rain Scatter Distances	(km)	648.24
Max Interference Power Long Term	(dbW)	-158.60
Max Interference Power Short Term	(dbW)	-149.90
Rain Zone / Radio Zone		1 A

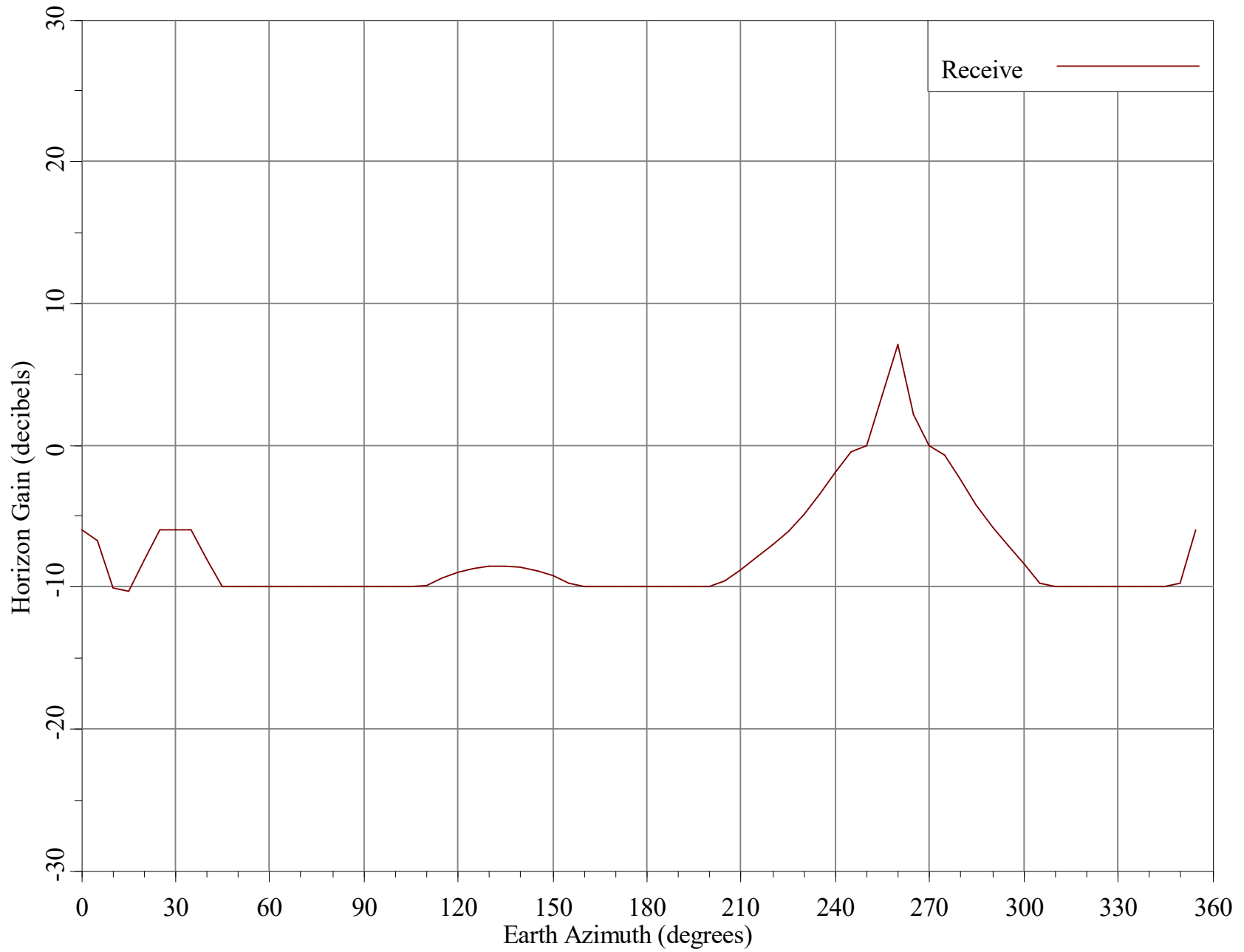
Horizon Angle & Satellite Arc for WBBN Studio, MS

Micronet Communications, Inc.

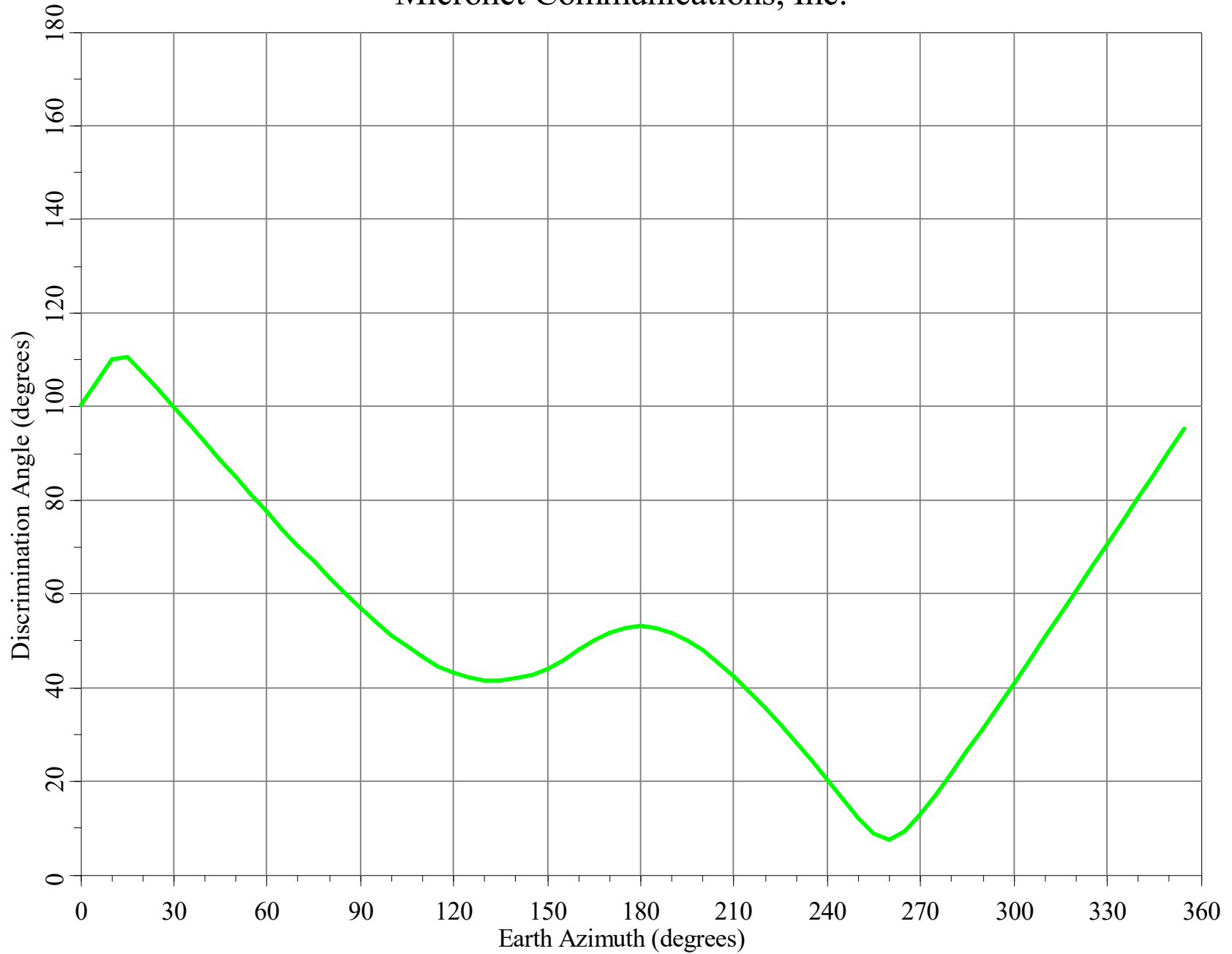


Horizon Gain for WBBN Studio, MS

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Minimum Discrimination Angles for WBBN Studio, MS
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Final Contour & Rain Scatter for WBBN Studio, MS - Receive

