

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: GBC1509111 3.70 GHz

Licensee: NEXSTAR BROADCASTING, INC. Page 1

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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 Greg Best Consulting, Inc. for the following proposed earth station:

Panama City, FL

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:

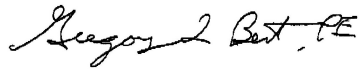
04/08/2015 Original PCN

There were no unresolved interference objections.

The coordination data was forwarded on the latest date to the following parties within coordination range or their authorized coordination agents:

COMSEARCH INC

Respectfully Submitted,

A handwritten signature in black ink that reads "Greg Best, PE". The signature is written in a cursive style.

Attachments

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company:	NEXSTAR BROADCASTING, INC.
Site Name, State:	Panama City, FL
Call Sign:	N/A
Latitude (NAD83)	30-09-35.2 N
Longitude (NAD83)	85-39-38.4 W
Elevation AMSL (ft/m)	26.50/8.08
Receive Frequency Range (MHz)	3700-4200
Transmit Frequency Range (MHz)	
Range of Satellite Orbital Long. (deg W)	79.00-140.00
Range of Azimuths from North (deg)	166.91-250.18
Antenna Centerline (ft/m)	12.00/3.66
Antenna Elevation Angles (deg)	54.10-22.24

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Equipment Parameters	Receive
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Antenna Gain, Main Beam (dbI)	43.90
15 DB Half Beamwidth (deg)	1.20
Antennas Receive:	DH SATELLITE 4.5M
Max Transmitter Power (dbW/4KHz)	N/A
Max EIRP Main Beam (dbW/4KHz)	N/A
Modulation / Emission Designator	DIGITAL 36M0G7W

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Coordination Parameters	Receive
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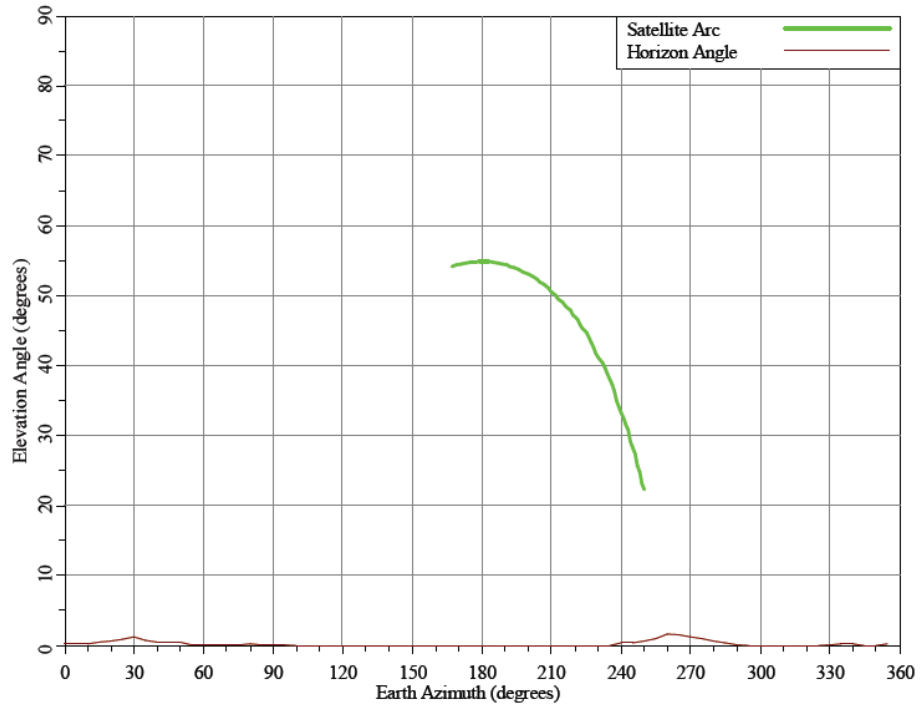
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Max Greater Circle Distances (km)	298.10
Max Rain Scatter Distances (km)	515.07
Max Interference Power Long Term (dbW)	-140.60
Max Interference Power Short Term (dbW)	-118.40
Rain Zone / Radio Zone	1/A

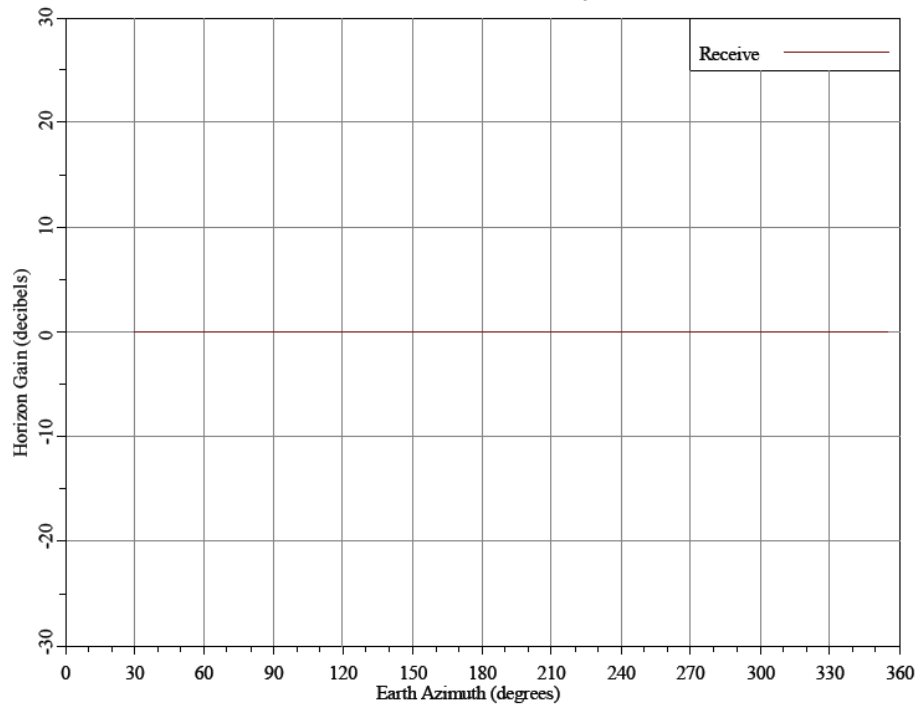
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 Horizon Angle Horizon Gain Final Contour - 3.95 GHz RECEIVE ONLY  
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Latitude (NAD83) 30 9 35.2 N				Longitude (NAD83) 85 39 38.4 W			
North Azimuth (deg)	Horizon Angle (deg)	Horizon Gain (dB)	Final Contour (km)	North Azimuth (deg)	Horizon Angle (deg)	Horizon Gain (dB)	Final Contour (km)
0	0.00	-8.86	247.3	180	0.00	-10.00	247.3
5	0.00	-11.43	247.3	185	0.00	-10.00	247.3
10	0.00	-13.71	247.3	190	0.00	-10.00	247.3
15	0.00	-15.23	247.3	195	0.00	-10.00	247.3
20	0.00	-14.71	247.3	200	0.00	-10.00	247.3
25	0.00	-13.74	247.3	205	0.00	-9.94	247.3
30	0.00	-12.68	247.3	210	0.00	-9.13	247.3
35	0.00	-11.53	247.3	215	0.00	-8.24	247.3
40	0.00	-10.31	247.3	220	0.00	-7.30	247.3
45	0.00	-8.71	247.3	225	0.00	-6.32	247.3
50	0.00	-6.93	247.3	230	0.00	-5.38	247.3
55	0.00	-6.00	247.3	235	0.00	-4.29	247.3
60	0.00	-6.00	247.3	240	0.00	-3.43	247.3
65	0.00	-6.00	251.4	245	0.00	-2.86	247.3
70	0.00	-6.76	257.3	250	0.00	-2.65	247.3
75	0.00	-9.10	263.4	255	0.00	-2.83	247.3
80	0.00	-10.00	269.8	260	0.00	-3.37	247.3
85	0.00	-10.00	276.7	265	0.00	-4.22	247.3
90	0.00	-10.00	284.7	270	0.00	-5.30	247.3
95	0.00	-10.00	291.6	275	0.00	-6.25	247.3
100	0.00	-10.00	296.4	280	0.00	-7.24	247.3
105	0.00	-10.00	298.1	285	0.00	-8.29	247.3
110	0.00	-10.00	296.2	290	0.00	-9.39	247.3
115	0.01	-10.00	291.2	295	0.00	-10.00	247.3
120	0.00	-10.00	284.2	300	0.00	-10.00	247.3
125	0.00	-10.00	276.1	305	0.00	-10.00	247.3
130	0.00	-10.00	269.4	310	0.00	-10.00	247.3
135	0.00	-10.00	263.1	315	0.00	-10.00	247.3
140	0.00	-10.00	257.5	320	0.00	-10.00	247.3
145	0.00	-10.00	252.8	325	0.00	-10.00	247.3
150	0.00	-10.00	248.7	330	0.00	-10.00	247.3
155	0.00	-10.00	247.3	335	0.00	-10.00	247.3
160	0.00	-10.00	247.3	340	0.00	-10.00	247.3
165	0.00	-10.00	247.3	345	0.00	-6.43	247.3
170	0.00	-10.00	247.3	350	0.00	-6.00	247.3
175	0.00	-10.00	247.3	355	0.00	-6.00	247.3

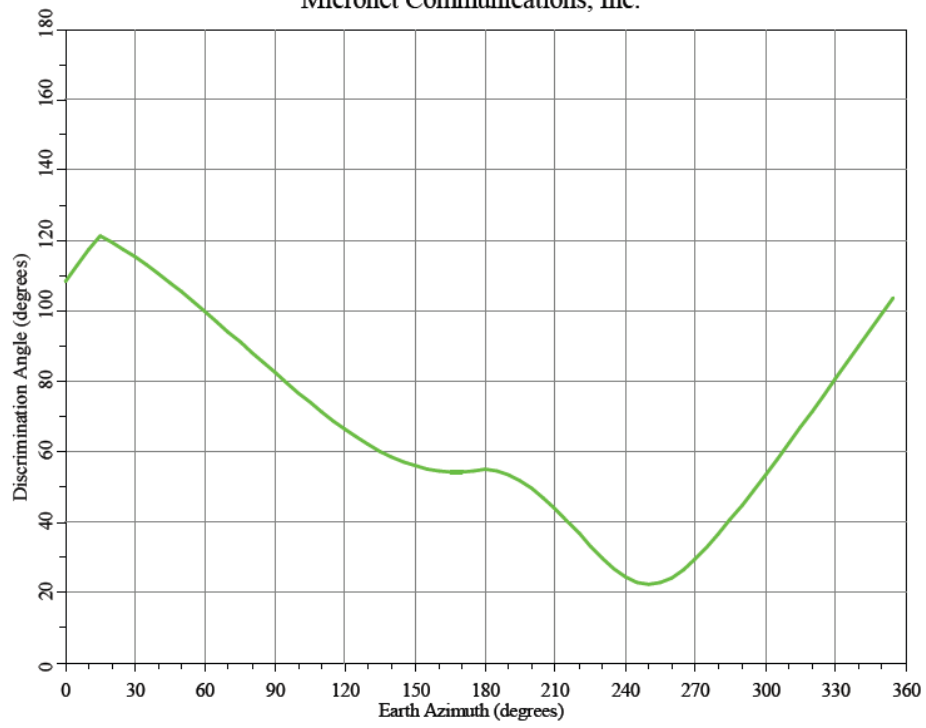
Horizon Angle & Satellite Arc for Panama City, FL  
Micronet Communications, Inc.



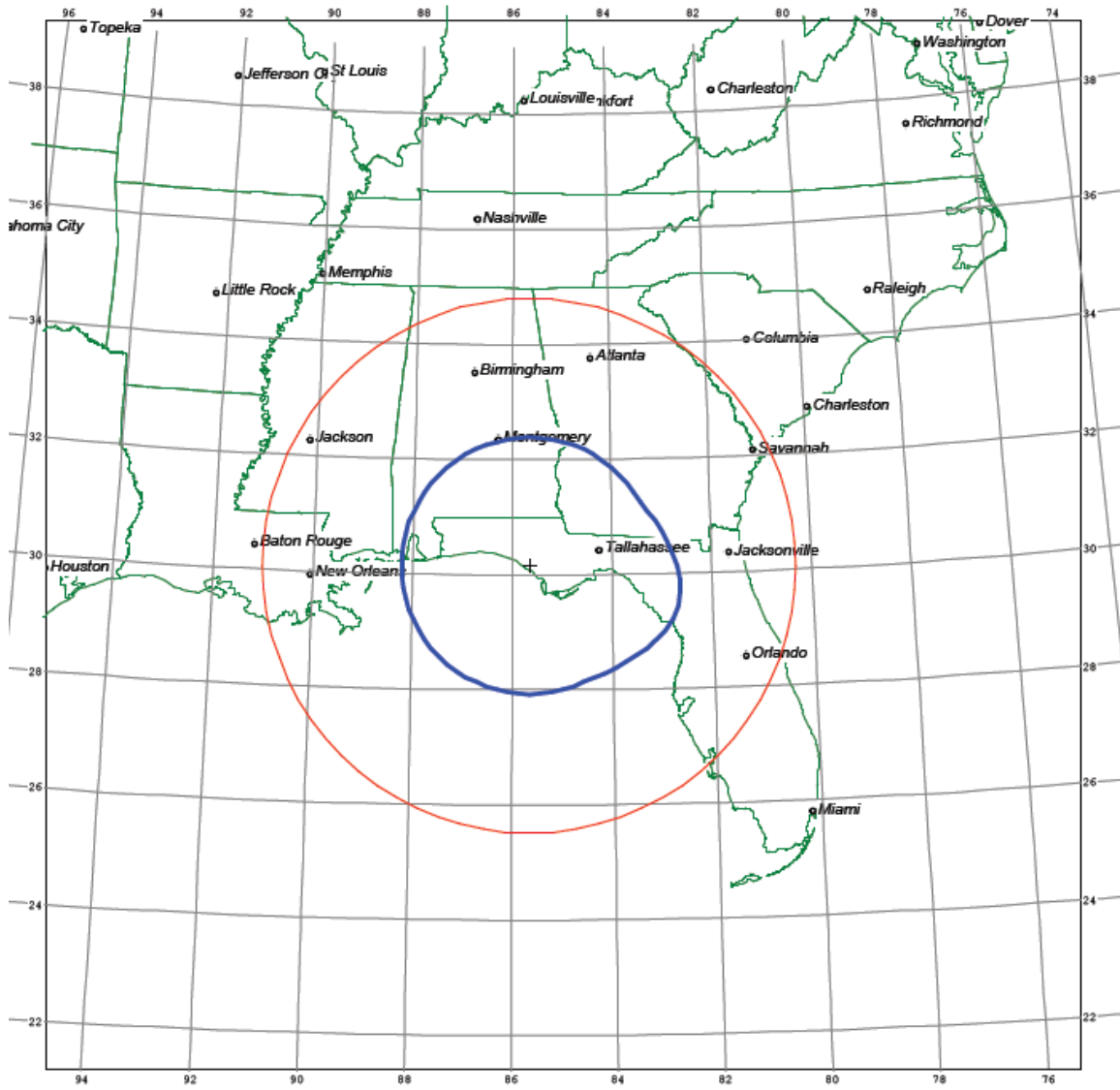
Horizon Gain for Panama City, FL  
Micronet Communications, Inc.



Minimum Discrimination Angles for Panama City, FL  
Micronet Communications, Inc.



# Final Contour & Rain Scatter for Panama City, FL - Receive



SCALE - 1:10000000 1 inch = 157.8 miles