

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

File: M1212903

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TECHNICAL CHARACTERISTICS OF TRANSMIT ONLY EARTH STATION

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Company: Globecast UK
Site Name, State: Cent Broward Reg Pk, FL
Call Sign:
Latitude (NAD83) 26 8 22.3 N
Longitude (NAD83) 80 11 49.6 W
Elevation AMSL (ft/m) 9.85 3.00
Receive Frequency Range (MHz)
Transmit Frequency Range (MHz) 5945/5985-6185
Range of Satellite Orbital Long. (deg W) 53.00 58.00
Range of Azimuths from North (deg) 130.61 137.20
Antenna Centerline (ft/m) 12.00 3.66
Antenna Elevation Angles (deg) 47.09 50.74

Equipment Parameters Transmit

Antenna Gain, Main Beam (dbI) 42.00
15 DB Half Beamwidth (deg) 3.80

Antennas Transmit: ADVENT 2.4M FLYAWAY

Max Transmitter Power (dbW/4KHz) -11.70
Max EIRP Main Beam (dbW/4KHz) 30.30
Modulation / Emission Designator DIGITAL 18MOD7W

Coordination Parameters Transmit

Max Greater Circle Distances (km) 137.38
Max Rain Scatter Distances (km) 100.00
Max Interference Power Long Term (dbW) -151.80
Max Interference Power Short Term (dbW) -130.80
Rain Zone / Radio Zone 1 B

MICRONET COMMUNICATIONS, INC.
05-14-2012

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Horizon Angle    Horizon Gain    Final Contour    -    6.17 GHz TRANSMIT
ONLY
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Company:                    Globecast UK
Site Name, State:          Cent Broward Reg Pk, FL
Call Sign:

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Latitude (NAD83) 26 8 22.3 N Longitude (NAD83) 80 11 49.6 W

North Final Azimuth Contour (deg) (km)	Horizon Angle (deg)	Horizon Gain (db)	Final Contour (km)	North Azimuth (deg)	Horizon Angle (deg)	Horizon Gain (db)
0	0.00	-20.00	136.9	180	0.00	-13.00
136.9						
5	0.00	-17.60	136.9	185	0.00	-13.00
136.9						
10	0.00	-15.11	136.9	190	0.00	-13.00
136.9						
15	0.00	-12.53	136.9	195	0.00	-13.00
136.9						
20	0.00	-10.00	136.9	200	0.00	-13.00
136.9						
25	0.00	-10.00	136.9	205	0.00	-13.00
136.9						
30	0.00	-10.00	136.9	210	0.00	-12.91
136.9						
35	0.00	-10.00	136.9	215	0.00	-11.58
136.9						
40	0.00	-10.00	136.9	220	0.00	-10.23
137.3						
45	0.00	-10.00	136.9	225	0.00	-10.00
137.4						
50	0.00	-11.02	136.9	230	0.00	-10.00
137.2						
55	0.00	-12.46	136.9	235	0.00	-10.00
136.8						
60	0.00	-13.00	136.9	240	0.00	-10.00
136.9						
65	0.00	-13.00	136.9	245	0.00	-10.00
136.9						
70	0.00	-13.00	136.9	250	0.00	-10.16

136.9							
75	0.00	-13.00	136.9	255	0.00	-12.58	
136.9							
80	0.00	-13.00	136.9	260	0.00	-14.92	
136.9							
85	0.00	-13.00	136.9	265	0.00	-17.17	
136.9							
90	0.00	-13.00	136.9	270	0.00	-19.32	
136.9							
95	0.00	-13.00	136.9	275	0.00	-21.34	
136.9							
100	0.00	-12.56	136.9	280	0.00	-23.00	
136.9							
105	0.00	-11.56	136.9	285	0.00	-23.00	
136.9							
110	0.00	-10.70	136.9	290	0.00	-23.00	
136.9							
115	0.00	-10.01	136.9	295	0.00	-23.00	
136.9							
120	0.00	-10.00	136.9	300	0.00	-23.00	
136.9							
125	0.00	-10.00	136.9	305	0.00	-23.00	
136.9							
130	0.00	-10.00	136.9	310	0.00	-23.00	
136.9							
135	0.00	-10.00	136.9	315	0.00	-23.00	
136.9							
140	0.00	-10.00	136.9	320	0.00	-23.00	
136.9							
145	0.00	-10.00	136.9	325	0.00	-23.00	
136.9							
150	0.00	-10.52	136.9	330	0.00	-23.00	
136.9							
155	0.00	-11.33	136.9	335	0.00	-23.00	
136.9							
160	0.00	-12.30	136.9	340	0.00	-23.00	
136.9							
165	0.00	-13.00	136.9	345	0.00	-23.00	
136.9							
170	0.00	-13.00	136.9	350	0.00	-23.00	
136.9							
175	0.00	-13.00	136.9	355	0.00	-22.28	
136.9							

Laudhill, FL - Central Broward Regional Park																													
Location: Central Broward Rgl		Modulation: Digital				Operational Dates: 06/28/2012 - 12/28/2012																							
Ground Elevation (m)		3.0						Satellite Arc (East End):				130		Frequency Band				Latitude:		26-08-22.32N									
(feet)		9.85						Satellite Arc (West End):				138		5925 - 6425 MHz				Longitude:		080-11-49.64 W									
Interference Cases		Azimuth (degrees)	Distance (miles)	Worst Margin (db)	Bandwidth (MHz)	5945	5965	5985	6005	6025	6045	6065	6085	6105	6125	6145	6165	6185	6205	6225	6245	6265	6285	6305	6325	6345	6365	6385	6405
Victim Site	From					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Dewitt Realty	Davie Public Works	32.93	18.255	-27.4	30		5974.85	5974.85																					
Davie Public Works	Dewitt Realty	208.61	8.897	-17.6	30														6226.9	6226.9									
Hollywood	Miami 2 MSC	185.84	14.579	-12.2	30													6197.24	6197.24	6226.89	6256.54	6256.54	6286.19	6315.84	6315.84	6345.49	6375.14	6375.14	6404.79