



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

File: M1827005

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company:	City University of New York, CUNY TV		
Site Name, State:	CUNY-TV, NY		
Call Sign:			
Latitude	(NAD83)	40 44	54.0 N
Longitude	(NAD83)	73 58	58.9 W
Elevation AMSL	(ft/m)	55.45	16.90
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	11.00	39.00
Range of Azimuths from North	(deg)	108.41	133.01
Antenna Centerline	(ft/m)	269.03	82.00
Antenna Elevation Angles	(deg)	11.63	30.93

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Equipment Parameters	Receive
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Antenna Gain, Main Beam	(dbI)	40.90
15 DB Half Beamwidth	(deg)	1.40

Antennas            Receive: PRODELIN 1374-1375 (3.7 M)

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)	462.74	
Max Rain Scatter Distances	(km)	511.08	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Term	(dbW)	-149.90	
Rain Zone / Radio Zone		2	A