

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

File: N1735611

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company:	CBS Communications Services Inc.		
Site Name, State:	Oak Park, MI		
Call Sign:			
Latitude	(NAD83)	42 26	51.0 N
Longitude	(NAD83)	83 10	21.0 W
Elevation AMSL	(ft/m)	661.00	201.47
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	74.00	139.00
Range of Azimuths from North	(deg)	166.54	245.38
Antenna Centerline	(ft/m)	9.00	2.74
Antenna Elevation Angles	(deg)	40.13	16.15

Equipment Parameters Receive

Antenna Gain, Main Beam	(dbI)	43.90
15 DB Half Beamwidth	(deg)	2.40

Antennas Receive: DH SATELLITE 4.5M

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

Coordination Parameters Receive

Max Greater Circle Distances	(km)	322.41	
Max Rain Scatter Distances	(km)	411.35	
Max Interference Power Long Term	(dbW)	-140.60	
Max Interference Power Short Term	(dbW)	-118.40	
Rain Zone / Radio Zone		2	A