

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

File: M1735612

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company:	CBS Communications Services Inc.		
Site Name, State:	WFOR TX, FL		
Call Sign:			
Latitude	(NAD83)	25 58	7.1 N
Longitude	(NAD83)	80 13	17.4 W
Elevation AMSL	(ft/m)	7.87	2.40
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)	166.02	255.14
Antenna Centerline	(ft/m)	9.84	3.00
Antenna Elevation Angles	(deg)	58.87	19.60

Equipment Parameters		Receive
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Antenna Gain, Main Beam	(dbI)	43.90
15 DB Half Beamwidth	(deg)	1.90

Antennas Receive: COMMSCOPE 4.5 METER

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

Coordination Parameters		Receive
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Max Greater Circle Distances	(km)	307.70	
Max Rain Scatter Distances	(km)	520.02	
Max Interference Power Long Term	(dbW)	-140.60	
Max Interference Power Short Term	(dbW)	-118.40	
Rain Zone / Radio Zone		1	A