



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

File: R1821113

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company:	PACIFIC AND SOUTHERN, LLC		
Site Name, State:	WLTX Transmitter, SC		
Call Sign:			
Latitude	(NAD83)	34 5	48.8 N
Longitude	(NAD83)	80 45	51.3 W
Elevation AMSL	(ft/m)	346.50	105.61
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	11.00	143.00
Range of Azimuths from North	(deg)	101.68	253.56
Antenna Centerline	(ft/m)	12.14	3.70
Antenna Elevation Angles	(deg)	8.05	14.28

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Equipment Parameters		Receive
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Antenna Gain, Main Beam	(dbI)	38.00
15 DB Half Beamwidth	(deg)	3.00

Antennas            Receive: PRODELIN 1244 (2.4M)

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)	369.71	
Max Rain Scatter Distances	(km)	578.21	
Max Interference Power Long Term	(dbW)	-140.60	
Max Interference Power Short Term	(dbW)	-118.40	
Rain Zone / Radio Zone		1	A