

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

File: M1827112

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TECHNICAL CHARACTERISTICS OF TRANSMIT ONLY EARTH STATION

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Company:	Multi-Link Holland		
Site Name, State:	Circuit of Americas, TX		
Call Sign:			
Latitude	(NAD83)	30 8	5.3 N
Longitude	(NAD83)	97 38	28.7 W
Elevation AMSL	(ft/m)	492.00	149.96
Receive Frequency Range	(MHz)		
Transmit Frequency Range	(MHz)	5925-6285/6345-6425	
Range of Satellite Orbital Long.	(deg W)	46.50	48.50
Range of Azimuths from North	(deg)	112.02	113.47
Antenna Centerline	(ft/m)	12.00	3.66
Antenna Elevation Angles	(deg)	25.00	26.71

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Equipment Parameters	Transmit	
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Antenna Gain, Main Beam	(dbI)	46.30	
15 DB Half Beamwidth	(deg)	1.50	
Antennas	Transmit: PRODELIN 1385 (3.8M)		
Max Transmitter Power	(dbW/4KHz)		-13.30
Max EIRP Main Beam	(dbW/4KHz)		33.00
Modulation / Emission Designator	DIGITAL	9M00D7W	

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Coordination Parameters	Transmit	
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Max Greater Circle Distances	(km)	129.40	
Max Rain Scatter Distances	(km)	100.00	
Max Interference Power Long Term	(dbW)	-154.80	
Max Interference Power Short Term	(dbW)	-130.80	
Rain Zone / Radio Zone		2	A

