

Micronet Communications, Inc.  
812 Lexington Dr  
Plano, Texas 75075  
972-422-7200

File: M1928004

=====

TECHNICAL CHARACTERISTICS OF TRANSMIT ONLY EARTH STATION

=====

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	49.50
Range of Azimuths from North	(deg)	112.02	114.22
Antenna Centerline	(ft/m)	12.00	3.66
Antenna Elevation Angles	(deg)	25.00	27.56

-----

Equipment Parameters

-----

Transmit

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 51K2G7W

-----

Coordination Parameters

-----

Transmit

Max Greater Circle Distances	(km)	129.40
Max Rain Scatter Distances	(km)	100.00
Max Interference Power Long Term	(dBW/MHz)	-130.80
Max Interference Power Short Term	(dBW/MHz)	-102.80
Rain Zone / Radio Zone		2                    A

