

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

File: M1703011

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TECHNICAL CHARACTERISTICS OF TRANSMIT ONLY EARTH STATION

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Company:	Harris CapRock Communications Inc.		
Site Name, State:	Nansen, GM		
Call Sign:	E050333		
Latitude	(NAD83)	27 22	1.7 N
Longitude	(NAD83)	94 28	3.6 W
Elevation AMSL	(ft/m)	0.00	0.00
Receive Frequency Range	(MHz)		
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	74.00	139.00
Range of Azimuths from North	(deg)	140.93	244.96
Antenna Centerline	(ft/m)	103.02	31.40
Antenna Elevation Angles	(deg)	50.84	31.92

Equipment Parameters		Transmit
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Antenna Gain, Main Beam	(dbI)	41.70
15 DB Half Beamwidth	(deg)	1.20

Antennas Transmit: SEATEL 9797

Max Transmitter Power	(dbW/4KHz)	-17.43
Max EIRP Main Beam	(dbW/4KHz)	24.27
Modulation / Emission Designator	ANALOG 9M38G7W	

Coordination Parameters		Transmit
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Max Greater Circle Distances	(km)	133.27
Max Rain Scatter Distances	(km)	100.00
Max Interference Power Long Term	(dbW)	-154.00
Max Interference Power Short Term	(dbW)	-130.80
Rain Zone / Radio Zone		2 A