

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

File: M1703012

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TECHNICAL CHARACTERISTICS OF TRANSMIT ONLY EARTH STATION

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Company:	Harris CapRock Communications Inc.		
Site Name, State:	Gunnison, GM		
Call Sign:	E030159		
Latitude	(NAD83)	27 18	19.0 N
Longitude	(NAD83)	93 32	20.0 W
Elevation AMSL	(ft/m)	65.94	20.10
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)	142.27	245.71
Antenna Centerline	(ft/m)	88.91	27.10
Antenna Elevation Angles	(deg)	51.47	31.13

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)	-16.70
Max EIRP Main Beam	(dbW/4KHz)	25.00
Modulation / Emission Designator	ANALOG 9M38G7W	

Coordination Parameters	Transmit
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Max Greater Circle Distances	(km)	136.00
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	1	A