

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

File: C2203418

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company:	SHELL COMMUNICATIONS INC		
Site Name, State:	TC Robert, GM		
Call Sign:			
Latitude	(NAD83)	30 30	54.4 N
Longitude	(NAD83)	90 20	21.7 W
Elevation AMSL	(ft/m)	0.00	0.00
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	130.94	248.82
Antenna Centerline	(ft/m)	165.35	50.40
Antenna Elevation Angles	(deg)	41.54	23.55

Equipment Parameters	Receive
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Antenna Gain, Main Beam	(dbI)	38.50
15 DB Half Beamwidth	(deg)	4.20

Antennas Receive: ASC SIGNAL CORPORATION 243 (2.4M)

Max Transmitter Power	(dBW/4KHz)	
Max EIRP Main Beam	(dBW/4KHz)	
Modulation / Emission Designator	ANALOG	4M30G7W 2M03G7W

Coordination Parameters	Receive
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Max Greater Circle Distances	(km)	359.02
Max Rain Scatter Distances	(km)	554.64
Max Interference Power Long Term	(dBW/MHz)	-134.60
Max Interference Power Short Term	(dBW/MHz)	-129.90
Rain Zone / Radio Zone	1	A