

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

File: N1828507

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company:	S-R Broadcasting Co. Inc.		
Site Name, State:	EMT, WA		
Call Sign:			
Latitude	(NAD83)	47 58	53.1 N
Longitude	(NAD83)	122 12	29.6 W
Elevation AMSL	(ft/m)	127.95	39.00
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	140.00
Range of Azimuths from North	(deg)	111.38	203.36
Antenna Centerline	(ft/m)	21.98	6.70
Antenna Elevation Angles	(deg)	9.63	32.26

Equipment Parameters	Receive
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Antenna Gain, Main Beam	(dbI)	42.00
15 DB Half Beamwidth	(deg)	2.60

Antennas Receive: LASER 8500

Max Transmitter Power	(dbW/4KHz)	
Max EIRP Main Beam	(dbW/4KHz)	
Modulation / Emission Designator	DIGITAL	36M0G7W

Coordination Parameters	Receive
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Max Greater Circle Distances	(km)	486.73	
Max Rain Scatter Distances	(km)	386.70	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Term	(dbW)	-149.90	
Rain Zone / Radio Zone		3	A