

Micronet Communications, Inc.

720 F Avenue, Suite 100
Plano, Texas 75074
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1324603
Licensee: HARRIS CORPORATION

5.93 GHz

Page 1

Pursuant to Parts 25.203 and 101.103(d) of the FCC Rules and Regulations, a frequency coordination study was conducted by Micronet Communications, Inc. for the following proposed earth station:

Russelville, AR

The results of the study indicate that no unacceptable interference will result with existing, proposed or prior coordinated radio facilities.

Coordination was performed with existing, proposed and prior coordinated carriers within coordination range on the following dates:

09/18/2013 Original PCN (Expedited response requested by 10/02/2013)
There were no unresolved interference objections.

The attached coordination data was forwarded on the latest date to the following parties within coordination range or their authorized coordination agents:

ALLTEL COMMUNICATIONS INC
ALLTEL COMMUNICATIONS LLC
ARISTOTLE.NET INC.
ARKANSAS STATE OF
ARKANSAS STATE OF STATE POLICE
ARKANSAS VALLEY ELECTRIC COOP CORP
COMSEARCH INC
CONTERRA ULTRA BROADBAND LLC
COXCOM INC
ENTERGY SERVICES INC
KN TELECOMMUNICATIONS INC
LITTLE ROCK CITY OF
METROPOLITAN AREA NETWORKS INC
MICRONET COMMUNICATIONS INC
NEW CINGULAR WIRELESS PCS LLC
NEW CINGULAR WIRELESS PCS LLC - AR
NORTHWEST ARKANSAS RSA LIMITED PARTNERSHIP
RADIO DYNAMICS
SHERWOOD CITY OF
SOUTHWESTERN BELL TELEPHONE COMPANY
SOUTHWESTERN BELL TELEPHONE L P
VERIZON WIRELESS (VAW) (AR)
VERIZON WIRELESS (VAW) LLC

Micronet Communications, Inc.

720 F Avenue, Suite 100

Plano, Texas 75074

972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1324603

5.93 GHz

Licensee: HARRIS CORPORATION

Page 2

Respectfully Submitted,

A handwritten signature in black ink that reads "Jeremy B. Lewis". The signature is written in a cursive style with a large initial 'J' and a distinct 'B'.

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

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

File: M1324603

=====

TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

=====

Company:	HARRIS CORPORATION		
Site Name, State:	Russelville, AR		
Call Sign:			
Latitude	(NAD83)	35 24	9.1 N
Longitude	(NAD83)	92 59	39.7 W
Elevation AMSL	(ft/m)	1107.70	337.63
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	74.00	139.00
Range of Azimuths from North	(deg)	149.28	240.78
Antenna Centerline	(ft/m)	10.00	3.05
Antenna Elevation Angles	(deg)	44.21	26.74

Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	38.00	42.00
15 DB Half Beamwidth	(deg)	1.50	1.00
Antennas	Receive: PRODELIN 1244 (2.4M)		
	Transmit: PRODELIN 1244 (2.4M)		
Max Transmitter Power	(dbW/4KHz)		-20.50
Max EIRP Main Beam	(dbW/4KHz)		21.50
Modulation / Emission Designator	DIGITAL 166KG7W		

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	270.48	124.36
Max Rain Scatter Distances	(km)	508.78	100.00
Max Interference Power Long Term	(dbW)	-140.60	-154.00
Max Interference Power Short Term	(dbW)	-118.40	-130.80
Rain Zone / Radio Zone		1	A