

Micronet Communications, Inc.

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1421008
Licensee: HARRIS CORPORATION

5.93 GHz

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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:

Chelsea, OK

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:

08/29/2014 No-impact change notification pursuant to Section
101.103(d)(2)(ix) - No response required.
07/30/2014 Original PCN
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
ARKANSAS STATE OF STATE POLICE
AT&T MOBILITY PUERTO RICO
BNSF RAILWAY COMPANY
CELLULAR NETWORK PARTNERSHIP
CELLULAR NETWORK PARTNERSHIP, A LIMITED PARTNERSHIP
CHEROKEE CONNEX LLC
CLASSIC CABLE OF OKLAHOMA INC D/B/A SUDDENLINK
COMSEARCH INC
COXCOM INC
DOBSON CELLULAR SYSTEMS INC
GRAND RIVER DAM AUTHORITY
KAMO ELECTRIC COOPERATIVE INC.
KANSAS #15 LIMITED PARTNERSHIP
MICRONET COMMUNICATIONS INC
NEW CINGULAR WIRELESS PCS LLC
NEW CINGULAR WIRELESS PCS LLC - AR
NEW CINGULAR WIRELESS PCS LLC - OK
NORTHEAST OKLAHOMA ELECTRIC COOPERATIVE INC
OKLAHOMA DEPARTMENT OF TRANSPORTATION COMMUNICATIONS
OKLAHOMA GAS AND ELECTRIC COMPANY
OKLAHOMA RSA 3 LIMITED PARTNERSHIP
OKLAHOMA RSA 4 SOUTH L P D/B/A ALLTEL
OKLAHOMA STATE OF
OKLAHOMA WINDSTREAM INC
PUBLIC SERVICE COMPANY OF OKLAHOMA D/B/A AMER ELECTRIC POWER

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US CELLULAR TELEPHONE CO (GREATER TULSA)
US CELLULAR TELEPHONE CO OF GREATER TULSA L L C
USCOC OF GREATER OKLAHOMA INC
VERIZON WIRELESS (VAW) LLC
VERIZON WIRELESS (VAW) LLC - AR/LA/OK

Respectfully Submitted,



Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

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TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

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Company:	HARRIS CORPORATION		
Site Name, State:	Chelsea, OK		
Call Sign:			
Latitude	(NAD83)	36 24	36.7 N
Longitude	(NAD83)	95 26	11.2 W
Elevation AMSL	(ft/m)	946.00	288.34
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-5985/6065-6145/6165-6325/6365-6425	
Range of Satellite Orbital Long.	(deg W)	74.00	139.00
Range of Azimuths from North	(deg)	146.52	238.03
Antenna Centerline	(ft/m)	10.00	3.05
Antenna Elevation Angles	(deg)	42.08	28.02

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)		-17.60
Max EIRP Main Beam	(dbW/4KHz)		24.40
Modulation / Emission Designator	DIGITAL 96K0G7W		

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	280.36	136.60
Max Rain Scatter Distances	(km)	397.86	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		2	A