

Micronet Communications, Inc.

812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M2135604 5.93 GHz
Licensee: TeleSouth Communications, Inc.

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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:

Hinds, MS

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:

12/27/2021 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:

CELLCO PARTNERSHIP
CELLULAR SOUTH LICENSES, LLC
COMSEARCH INC
COOPERATIVE ENERGY
ENTERGY SERVICES, LLC
MICRONET COMMUNICATIONS INC
MISSISSIPPI AUTHORITY FOR EDUCATIONAL TELEVISION
NEW CINGULAR WIRELESS PCS, LLC
NEXUS SYSTEMS, LLC
STATE OF MISSISSIPPI WIRELESS COMMUNICATION COMMISSION
T-MOBILE LICENSE LLC
TEXAS EASTERN COMMUNICATIONS, LLC
UNITI FIBER LLC

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:	TeleSouth Communications, Inc.		
Site Name, State:	Hinds, MS		
Call Sign:			
Latitude	(NAD83)	32 23	51.8 N
Longitude	(NAD83)	90 8	37.6 W
Elevation AMSL	(ft/m)	350.06	106.70
Receive Frequency Range	(MHz)	4000-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	87.00	133.00
Range of Azimuths from North	(deg)	174.15	239.99
Antenna Centerline	(ft/m)	17.06	5.20
Antenna Elevation Angles	(deg)	52.15	30.79

Equipment Parameters		Receive	Transmit
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Antenna Gain, Main Beam	(dbI)	42.00	45.90
15 DB Half Beamwidth	(deg)	1.60	2.20

Antennas Receive: COMTECH 5.0 M
 Transmit: COMTECH 5.0 M

Max Transmitter Power	(dbW/4KHz)	-32.50
Max EIRP Main Beam	(dbW/4KHz)	13.40
Modulation / Emission Designator	DIGITAL 36M0G7W	

Coordination Parameters		Receive	Transmit
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Max Greater Circle Distances	(km)	336.58	100.00
Max Rain Scatter Distances	(km)	544.91	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		1	A