# Micronet Communications, Inc.

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

### SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1812901 Licensee: KENS-TV, INC. 3.70 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:

KENS-TV Studio, TX

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:

06/20/2018 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:

Respectfully Submitted,

berenny B. Lewis

Jeremy Lewis Systems Engineer

Attached: 1 data sheet

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

File: M1812901

Rain Zone / Radio Zone

TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATIONCompany:KENS-TV, INC.Site Name, State:KENS-TV Studio, TXCall Sign:Image: Colspan="2">Company: Call Sign:Latitude(NAD83)29Latitude(NAD83)98Longitude(NAD83)98Elevation AMSL(ft/m)1000.00Receive Frequency Range(MHz)3700-4200Transmit Frequency Range(MHz)

Receive Frequency Range Transmit Frequency Range (MHz) Range of Satellite Orbital Long.(deg W)50.00140.00Range of Azimuths from North(deg)113.50240.84Antenna Centerline(ft/m)36.7511.20Antenna Elevation Angles(deg)27.4733.49 \_\_\_\_\_ Equipment Parameters Receive \_\_\_\_\_ Antenna Gain, Main Beam(dbI)15 DB Half Beamwidth(deg) 41.50 2.40 Antennas Receive: PATRIOT ANTENNA SYSTEMS PRT-380AZ (3.8M) Max Transmitter Power(dbW/4KHz)Max EIRP Main Beam(dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W \_\_\_\_\_ Coordination Parameters Receive \_\_\_\_\_ Max Greater Circle Distances(km)Max Rain Scatter Distances(km) 281.92 398.24 Max Interference Power Long Term (dbW)-140.60Max Interference Power Short Term (dbW)-118.40

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File: P1812901

TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

	KENS-TV, INC. KENS-TV Studio, TX			
Latitude Longitude Elevation AMSL	(NAD83) (ft/m) (MHz)	29 30 98 33 1000.00 3700-4200	40.0 W 304.80	
Range of Satellite Orbital Long.	(dea W)	50.00	140.00	
Range of Azimuths from North Antenna Centerline	(deg) (ft/m)	36.75	240.84 11.20	
Antenna Elevation Angles	(deg)			
Equipment Deventers		Receive		
Equipment Parameters				
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)			
Antennas Receive: D H SATELLITE 4.5 METER				
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) DIGITAL			
Coordination Parameters		Receive		
Max Greater Circle Distances Max Rain Scatter Distances	(km) (km)	281.92 398.24		
Max Interference Power Long Term	(dbW)			
Max Interference Power Short Term	(dbW)		_	
Rain Zone / Radio Zone		2	A	

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File: N1812901

TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

	ENS-TV, INC ENS-TV Stud			
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m) (MHz)	29 30 98 33 1000.00 3700-4200	40.0 W 304.80	
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg W) (deg) (ft/m)	113.50 36.75	240.84 11.20	
Equipment Parameters		Receive		
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)			
Antennas Receive: D H SATELLITE 3.8 METER				
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)			
Coordination Parameters		Receive		
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	398.24 -140.60	А	