

**Micronet Communications, Inc.**

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1815237

3.70 GHz

Licensee: MULTIMEDIA KSDK, LLC

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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:

Studio, MO

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:

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

COMSEARCH INC

Respectfully Submitted,



Jeremy Boyce  
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.  
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 Plano, Texas 75074  
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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company:	MULTIMEDIA KSDK, LLC		
Site Name, State:	Studio, MO		
Call Sign:			
Latitude	(NAD83)	38 37	34.5 N
Longitude	(NAD83)	90 11	46.0 W
Elevation AMSL	(ft/m)	460.00	140.21
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	50.00	140.00
Range of Azimuths from North	(deg)	126.46	242.19
Antenna Centerline	(ft/m)	50.00	15.24
Antenna Elevation Angles	(deg)	29.05	22.25

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Equipment Parameters		Receive
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Antenna Gain, Main Beam	(dbI)	42.00
15 DB Half Beamwidth	(deg)	0.60

Antennas            Receive: PATRIOT ANTENNA SYSTEMS 3.8 METER

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

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Coordination Parameters		Receive
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Max Greater Circle Distances	(km)	298.79
Max Rain Scatter Distances	(km)	402.71
Max Interference Power Long Term	(dbW)	-140.60
Max Interference Power Short Term	(dbW)	-118.40
Rain Zone / Radio Zone		2            A

MICRONET COMMUNICATIONS, INC.  
06-27-2018

File: M1815237

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Horizon Angle    Horizon Gain    Final Contour    -    3.95 GHz RECEIVE ONLY  
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Company:                            MULTIMEDIA KSDK    LLC

Site Name, State:                    Studio, MO

Call Sign:

Latitude (NAD83) 38 37 34.5 N      Longitude (NAD83) 90 11 46.0 W

North Azimuth (deg)	Horizon Angle (deg)	Horizon Gain (db)	Final Contour (km)	North Azimuth (deg)	Horizon Angle (deg)	Horizon Gain (db)	Final Contour (km)
0	0.00	-12.79	247.3	180	0.24	-9.48	234.6
5	0.00	-13.57	247.3	185	0.00	-9.47	252.2
10	0.00	-11.46	247.3	190	0.00	-9.26	253.9
15	0.00	-9.10	247.3	195	0.00	-8.93	256.3
20	0.00	-6.23	247.3	200	0.00	-8.47	259.5
25	0.00	-6.00	247.3	205	0.08	-7.89	263.3
30	0.00	-6.00	247.3	210	0.14	-7.23	267.8
35	0.00	-8.98	247.3	215	0.23	-6.49	257.0
40	0.00	-10.00	247.3	220	0.22	-5.70	260.8
45	0.00	-10.00	247.3	225	0.27	-4.63	259.6
50	0.00	-10.00	247.3	230	0.32	-3.64	257.0
55	0.00	-10.00	247.3	235	0.29	-2.95	257.7
60	0.02	-10.00	247.3	240	0.31	-2.58	253.3
65	0.00	-10.00	247.3	245	0.24	-2.63	253.7
70	0.00	-10.00	248.3	250	0.33	-3.00	243.4
75	0.02	-10.00	253.9	255	0.21	-3.78	246.5
80	0.00	-10.00	259.8	260	0.16	-4.79	255.5
85	0.01	-10.00	266.1	265	0.13	-5.85	250.6
90	0.04	-9.55	272.7	270	0.08	-6.82	247.3
95	0.07	-8.60	280.3	275	0.12	-7.84	247.3
100	0.07	-7.74	288.2	280	0.15	-8.92	247.3
105	0.05	-6.96	294.9	285	0.17	-10.00	247.3
110	0.05	-6.29	298.3	290	0.26	-10.00	229.4
115	0.15	-5.74	298.8	295	0.31	-10.00	226.2
120	0.10	-5.35	295.4	300	0.28	-10.00	228.4
125	0.05	-5.15	289.4	305	0.27	-10.00	229.1
130	0.05	-5.20	281.6	310	0.26	-10.00	229.5
135	0.02	-5.54	273.8	315	0.22	-10.00	232.4
140	0.01	-5.97	268.3	320	0.15	-10.00	247.3
145	0.02	-6.56	263.5	325	0.13	-10.00	247.3
150	0.04	-7.25	259.5	330	0.08	-10.00	247.3
155	0.04	-7.90	256.3	335	0.04	-7.93	247.3
160	0.05	-8.46	253.8	340	0.07	-6.00	247.3
165	0.07	-8.91	252.1	345	0.03	-6.00	247.3
170	0.09	-9.24	251.0	350	0.02	-7.62	247.3
175	0.15	-9.43	251.0	355	0.02	-10.51	247.3