

Exhibit A

FREQUENCY COORDINATION AND INTERFERENCE ANALYSIS REPORT

Prepared for

**WXIN-TRIBUNE BROADCASTING
INDIANAPOLIS, INDIANA**

Satellite Earth Station

Prepared By:

COMSEARCH

19700 Janelia Farm Boulevard

Ashburn, Virginia 20147

August 22, 2012

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1. CONCLUSIONS

An interference study considering all existing, proposed and prior coordinated microwave facilities within the coordination contours of the proposed earth station demonstrates that this site will operate satisfactorily with the common carrier microwave environment. Further, there will be no restrictions of its operation due to interference considerations.

2. SUMMARY OF RESULTS

A number of great circle interference cases were identified during the interference study of the proposed earth station. Each of the cases, which exceeded the interference objective on a line-of-sight basis, was profiled and the propagation losses estimated using NBS TN101 (Revised) techniques. The losses were found to be sufficient to reduce the signal levels to acceptable magnitudes in every case.

The following companies reported potential great circle interference conflicts that did not meet the objectives on a line-of-sight basis. When over-the-horizon losses are considered on the interfering paths, sufficient blockage exists to negate harmful interference from occurring with the proposed transmit-receive earth station.

Company

Verizon Wireless (VAW) – IN & KY Mkt.

No other carriers reported potential interference cases.

3. SUPPLEMENTAL SHOWING

Pursuant to Part 25.203(c) of the FCC Rules and Regulations, the satellite earth station proposed in this application was coordinated by Comsearch using computer techniques and in accordance with Part 25 of the FCC Rules and Regulations.

Expedited coordination data for this earth station was emailed and sent to the below listed carriers with a letter dated July 23, 2012.

Company

AT&T CORP
Aether Group LLC
Butler County Sheriff's Office
CELLULAR PROPERTIES, INC.
Conterra Ultra Broadband, LLC
Cyberlink Inc.
Duke Energy Carolinas LLC
ECW Wireless, LLC
GTE Mobilnet of Indiana Ltd Partnership
Hoosier Energy Rec, Inc.
INDIANA MICHIGAN POWER COMPANY
Indiana Department of Transportation
Indiana RSA #1 Limited Partnership
Indiana RSA #4 Limited Partnership
Indiana RSA #5 Limited Partnership
Indiana, State of (IPSC)
International Communications Group, Inc.
METROPOLITAN EMERGENCY COMM AGENCY
New Cingular Wireless PCS - Indiana
Norfolk Southern Railway
Northern Indiana Public Service Company
PANHANDLE EASTERN PIPELINE COMPANY, LLC
South Central Indiana REMC
Southern Indiana RSA Limited Partnership
United Telephone Co of Indiana, Inc.
Utilities Dist of Western Indiana REMC
Verizon Wireless (VAW) LLC- IN & KY Mkt
World Class Wireless LLC

4. EARTH STATION COORDINATION DATA

This section presents the data pertinent to frequency coordination of the proposed earth station that was circulated to all carriers within its coordination contours.

COMSEARCH

Earth Station Data Sheet

19700 Janelia Farm Boulevard, Ashburn, VA 20147
(703)726-5500 <http://www.comsearch.com>

Date: 08/22/2012
Job Number: 120723COMSJC03

Administrative Information

Status ENGINEER PROPOSAL
Call Sign
Licensee Code TRIBUC
Licensee Name WXIN - TRIBUNE BROADCASTING

Site Information

INDIANAPOLIS, INDIANA
Venue Name
Latitude (NAD 83) 39° 53' 20.0" N
Longitude (NAD 83) 86° 12' 3.0" W
Climate Zone A
Rain Zone 2
Ground Elevation (AMSL) 246.58 m / 809.0 ft

Link Information

Satellite Type Geostationary
Mode TR - Transmit-Receive
Modulation Digital
Satellite Arc 60° W to 143° West Longitude
Azimuth Range 142.5° to 247.2°
Corresponding Elevation Angles 36.5° / 16.5°
Antenna Centerline (AGL) 4.88 m / 16.0 ft

Antenna Information

	Receive	Transmit
Manufacturer	ASC Signal	ASC Signal
Model	7.3 Meter	7.3 Meter
Gain / Diameter	48.3 dBi / 7.3 m	51.7 dBi / 7.3 m
3-dB / 15-dB Beamwidth	0.66° / 1.22°	0.44° / 0.88°
Max Available RF Power (dBW/4 kHz)		-16.5
(dBW/MHz)		7.5
Maximum EIRP (dBW/4 kHz)		35.2
(dBW/MHz)		59.2
Interference Objectives:		
Long Term	-156.0 dBW/MHz 20%	-154.0 dBW/4 kHz 20%
Short Term	-146.0 dBW/MHz 0.01%	-131.0 dBW/4 kHz 0.0025%

Frequency Information

	Receive 4.0 GHz	Transmit 6.1 GHz
Emission / Frequency Range (MHz)	36M0G7W / 3700.0 - 4200.0	36M0G7W / 5925.0 - 6425.0
Max Great Circle Coordination Distance	367.9 km / 228.6 mi	160.1 km / 99.4 mi
Precipitation Scatter Contour Radius	513.6 km / 319.1 mi	100.0 km / 62.1 mi

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Coordination Values

INDIANAPOLIS, IN

Licensee Name WXIN - TRIBUNE BROADCASTING
Latitude (NAD 83) 39° 53' 20.0" N
Longitude (NAD 83) 86° 12' 3.0" W
Ground Elevation (AMSL) 246.58 m / 809.0 ft
Antenna Centerline (AGL) 4.88 m / 16.0 ft
Antenna Model ASC Signal 7.3 Meter
Antenna Mode Receive 4.0 GHz Transmit 6.1 GHz
Interference Objectives: Long Term -156.0 dBW/MHz 20% -154.0 dBW/4 kHz 20%
Short Term -146.0 dBW/MHz 0.01% -131.0 dBW/4 kHz 0.0025%
Max Available RF Power -16.5 (dBW/4 kHz)

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Receive 4.0 GHz		Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)	Horizon Gain (dBi)	Coordination Distance (km)
0	0.00	111.78	-10.00	285.28	-10.00	126.18
5	0.00	116.53	-10.00	285.28	-10.00	126.18
10	0.00	121.26	-10.00	285.28	-10.00	126.18
15	0.00	119.29	-10.00	285.28	-10.00	126.18
20	0.00	115.58	-10.00	285.28	-10.00	126.18
25	0.00	111.78	-10.00	285.28	-10.00	126.18
30	0.00	107.91	-10.00	285.28	-10.00	126.18
35	0.00	103.99	-10.00	285.28	-10.00	126.18
40	0.00	100.02	-10.00	285.28	-10.00	126.18
45	0.00	96.02	-10.00	285.28	-10.00	126.18
50	0.00	92.01	-10.00	285.28	-10.00	126.18
55	0.00	87.99	-10.00	285.28	-10.00	126.18
60	0.00	83.98	-10.00	285.28	-10.00	126.18
65	0.00	79.99	-10.00	285.28	-10.00	126.18
70	0.00	76.02	-10.00	285.28	-10.00	126.18
75	0.00	72.09	-10.00	285.28	-10.00	126.18
80	0.00	68.22	-10.00	285.28	-10.00	126.18
85	0.00	64.42	-10.00	285.28	-10.00	126.18
90	0.00	60.72	-10.00	285.28	-10.00	126.18
95	0.00	57.12	-10.00	285.28	-10.00	126.18
100	0.00	53.67	-10.00	285.28	-10.00	126.18
105	0.00	50.40	-10.00	285.28	-10.00	126.18
110	0.00	47.34	-9.88	286.05	-9.88	126.50
115	0.00	44.54	-9.22	290.30	-9.22	128.25
120	0.00	42.07	-8.60	294.35	-8.60	129.90
125	0.00	39.97	-8.04	298.03	-8.04	131.38
130	0.00	38.32	-7.59	301.09	-7.59	132.61
135	0.00	37.19	-7.26	303.31	-7.26	133.49
140	0.00	36.60	-7.09	304.48	-7.09	133.95
145	0.00	36.60	-7.09	304.48	-7.09	133.95
150	0.00	37.18	-7.26	303.31	-7.26	133.49
155	0.00	38.32	-7.59	301.10	-7.59	132.61
160	0.00	39.97	-8.04	298.03	-8.04	131.39
165	0.00	41.62	-8.48	295.11	-8.48	130.21
170	0.00	42.85	-8.80	293.04	-8.80	129.37
175	0.00	43.60	-8.99	291.81	-8.99	128.87
180	0.00	43.85	-9.05	291.40	-9.05	128.70

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Antenna Mode: Receive 4.0 GHz
Interference Objectives: Long Term: -156.0 dBW/MHz 20%
Short Term: -146.0 dBW/MHz 0.01%
Transmit 6.1 GHz: -154.0 dBW/4 kHz 20%
-131.0 dBW/4 kHz 0.0025%
Max Available RF Power: -16.5 (dBW/4 kHz)

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Receive 4.0 GHz		Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)	Horizon Gain (dBi)	Coordination Distance (km)
185	0.00	43.60	-8.99	291.81	-8.99	128.87
190	0.00	42.85	-8.80	293.04	-8.80	129.37
195	0.00	41.62	-8.48	295.11	-8.48	130.21
200	0.00	39.97	-8.04	298.03	-8.04	131.39
205	0.00	37.93	-7.48	301.85	-7.48	132.91
210	0.00	35.56	-6.78	306.62	-6.78	133.55
215	0.00	32.91	-5.93	313.09	-5.93	135.89
220	0.00	30.01	-4.93	320.16	-4.93	138.77
225	0.00	26.92	-3.75	328.64	-3.75	142.34
230	0.00	23.66	-2.35	338.91	-2.35	146.78
235	0.00	20.44	-0.76	350.79	-0.76	152.10
240	0.00	17.98	0.63	361.45	0.63	157.01
245	0.00	16.65	1.46	367.93	1.46	160.07
250	0.00	16.73	1.41	367.53	1.41	159.88
255	0.00	18.20	0.50	360.45	0.50	156.55
260	0.00	20.76	-0.93	349.53	-0.93	151.52
265	0.00	24.07	-2.54	337.53	-2.54	146.18
270	0.00	27.86	-4.13	325.94	-4.13	141.19
275	0.00	31.97	-5.62	315.31	-5.62	136.79
280	0.00	36.27	-6.99	305.15	-6.99	134.22
285	0.00	40.72	-8.25	296.69	-8.25	130.85
290	0.00	45.26	-9.39	289.17	-9.39	127.79
295	0.00	49.88	-10.00	285.28	-10.00	126.18
300	0.22	54.50	-10.00	282.38	-10.00	124.30
305	0.00	59.25	-10.00	285.28	-10.00	126.18
310	0.22	63.95	-10.00	283.20	-10.00	124.83
315	0.23	68.70	-10.00	281.81	-10.00	123.93
320	0.22	73.48	-10.00	282.95	-10.00	124.67
325	0.21	78.27	-10.00	284.11	-10.00	125.42
330	0.23	83.06	-10.00	280.90	-10.00	123.33
335	0.29	87.86	-10.00	274.08	-10.00	118.84
340	0.24	92.66	-10.00	279.82	-10.00	122.63
345	0.21	97.45	-10.00	283.68	-10.00	125.14
350	0.00	102.23	-10.00	285.28	-10.00	126.18
355	0.00	107.01	-10.00	285.28	-10.00	126.18

5. CERTIFICATION

I HEREBY CERTIFY THAT I AM THE TECHNICALLY QUALIFIED PERSON RESPONSIBLE FOR THE PREPARATION OF THE FREQUENCY COORDINATION DATA CONTAINED IN THIS APPLICATION, THAT I AM FAMILIAR WITH PARTS 101 AND 25 OF THE FCC RULES AND REGULATIONS, THAT I HAVE EITHER PREPARED OR REVIEWED THE FREQUENCY COORDINATION DATA SUBMITTED WITH THIS APPLICATION, AND THAT IT IS COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



Jeffrey E. Cowles
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DATED: August 22, 2012