Exhibit A

Frequency Coordination

Per 47 C.F.R. Ch. 1 §25.130(b), attached is a "Frequency Coordination and Interference Analysis Report" performed pursuant to 47 C.F.R. Ch. 1 §25.203.

FREQUENCY COORDINATION AND INTERFERENCE ANALYSIS REPORT

Prepared for
GCI Communications Corp.
ANCHORAGE BP, AK
Satellite Earth Station

Prepared By:
COMSEARCH
19700 Janelia Farm Boulevard
Ashburn, VA 20147
October 24, 2018

TABLE OF CONTENTS

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. Operation will be restricted to the bandwidth shown in Section 4 of this report.

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 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 and frequency separation are considered on the interfering paths, sufficient blockage or separation exists to negate harmful interference from occurring with the proposed transmit-receive earth station.

Company
Chugach Electric Association, Inc.
State of Alaska

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.

Coordination data for this earth station was sent to the below listed carriers with a letter dated 10/02/2018.

Company
ACS Long Distance License Sub, Inc.
ACS Wireless License Sub, Inc.
ACS of Anchorage License Sub, Inc.
AT&T Mobility Spectrum LLC - AK
Alascom Inc
Alaska Pipeline Company
Alaska Public Telecommunications, Inc.
Alaska Railroad Corporation
Alaska Wireless Network, LLC
Chugach Electric Association, Inc.
Copper Valley Telephone Cooperative, Inc
Copper Valley Wireless Inc
Enstar Natural Gas Company
GCI Communications Corp.
Homer Electric Association
MATANUSKA KENAI INC
MTA Communications, LLC
Matanuska Telephone Association, Inc.
Matanuska-Susitna, Borough of
New Cingular Wireless PCS LLC - Alaska
Norstar Pipeline Company
State of Alaska
Verizon Wireless (VAW) LLC - Alaska

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:	10/24/2018
Job Number:	181002COMSTC09

Administrative Information

Call Sign	E873414
Licensee Code	P3203
Licensee Name	GCI Communications Corp.

Site Information — ANCHORAGE BP, AK

Latitude (NAD 83)	61° 11' 33.3" N
Longitude (NAD 83)	149° 51' 46.6" W
Climate Zone	A
Rain Zone	2
Ground Elevation (AMSL)	36.0 m / 118.1 ft

Link Information

Satellite Type	Geostationary
Mode	TR - Transmit-Receive
Modulation	Digital
Satellite Arc	90° W to 210° West Longitude
Azimuth Range	117.0° to 243.3°
Corresponding Elevation Angles	5.3° / 5.2°
Antenna Centerline (AGL)	4.45 m / 14.6 ft

Antenna Information		Receive - V40901		Transmit - V60901	
Manufacturer		VERTEX COMMUNICATIONS		VERTEX COMMUNICATIONS	
Model		9 KPC		9 KPC	
Gain / Diameter		50.1 dBi / 9.0 m		53.5 dBi / 9.0 m	
3-dB / 15-dB Beamwidth		0.55° / 1.20°		0.40° / 0.80°	
				45K0G7W - 108MG7W	
				45K0D7W - 108MD7W	
Max Available RF Power	(dBW/4 kHz)			-10.5	-18.29
	(dBW/MHz)			13.5	5.71
Maximum EIRP	(dBW/4 kHz)			43.0	35.21
	(dBW/MHz)			67.0	59.21
	(dBW)			53.51	79.52
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)	45K0G7W - 108MG7W / 3700.0 - 4200.0 45K0D7W - 108MD7W / 3700.0 - 4200.0	45K0G7W - 108MG7W / 5960.3 - 6182.14 45K0D7W - 108MD7W / 5960.3 - 6182.14 45K0G7W - 108MG7W / 6212.34 - 6300.74 45K0D7W - 108MD7W / 6212.34 - 6300.74 45K0G7W - 108MG7W / 6330.94 - 6425.0 45K0D7W - 108MD7W / 6330.94 - 6425.0
Max Great Circle Coordination Distance	662.7 km / 411.7 mi	319.8 km / 198.7 mi
Precipitation Scatter Contour Radius	615.2 km / 382.2 mi	100.0 km / 62.1 mi

COMSEARCH

Earth Station Data Sheet

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Coordination Values	**ANCHORAGE BP, AK**			
Licensee Name	GCI Communications Corp.			
Latitude (NAD 83)	61° 11' 33.3" N			
Longitude (NAD 83)	149° 51' 46.6" W			
Ground Elevation (AMSL)	36.0 m / 118.1 ft			
Antenna Centerline (AGL)	4.45 m / 14.6 ft			
Antenna Model	VERTEX COMMUNICATIONS 9 KPC			
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			-10.5 (dBW/4 kHz)	

			Receive 4.0 GHz		Transmit 6.1 GHz	
Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Horizon Gain (dBi)	Coordination Distance (km)	Horizon Gain (dBi)	Coordination Distance (km)
0	0.26	116.60	-19.90	223.56	-16.50	119.81
5	0.34	111.88	-17.40	227.73	-15.88	115.51
10	0.37	106.90	-15.90	231.25	-15.50	113.51
15	0.37	101.92	-15.90	231.96	-15.50	114.06
20	0.00	96.93	-15.90	250.54	-15.50	127.50
25	0.00	91.96	-15.90	250.54	-15.50	127.50
30	0.00	86.98	-15.90	250.54	-15.50	127.50
35	0.00	82.00	-15.90	250.54	-15.50	127.50
40	0.00	77.02	-15.90	250.54	-15.50	127.50
45	0.00	72.05	-15.90	250.54	-15.50	127.50
50	0.00	67.07	-15.90	250.54	-15.50	127.50
55	0.23	62.09	-14.90	252.84	-15.50	125.28
60	0.26	57.11	-14.32	251.77	-15.50	122.30
65	0.39	52.13	-13.33	243.00	-15.50	112.21
70	0.41	47.16	-12.33	246.28	-15.50	110.60
75	0.40	42.20	-11.34	252.93	-14.26	114.45
80	0.40	37.25	-9.25	265.18	-11.40	121.93
85	0.43	32.30	-6.82	278.00	-9.96	124.11
90	0.49	27.37	-5.90	276.36	-7.92	124.56
95	0.50	22.47	-5.90	274.91	-5.49	130.54
100	0.54	17.61	-5.90	272.14	-4.72	130.88
105	0.59	12.86	-4.76	276.82	-4.52	129.54
110	0.63	8.40	-1.30	297.60	-3.90	129.12
115	0.65	5.08	1.02	652.36	-1.58	313.45
120	0.69	5.50	0.60	560.62	-2.00	261.08
125	0.68	7.57	-0.47	436.36	-3.50	193.60
130	0.69	9.51	-2.41	321.42	-4.50	140.29
135	0.70	11.34	-3.24	279.27	-4.64	123.94
140	0.66	13.07	-4.90	270.70	-4.52	126.04
145	0.59	14.68	-5.58	271.06	-4.61	129.04
150	0.57	16.08	-5.90	270.57	-4.58	130.22
155	0.51	17.33	-5.90	274.23	-4.54	132.82
160	0.48	18.37	-5.90	278.02	-4.53	134.16
165	0.38	19.26	-5.90	289.91	-4.52	142.58
170	0.22	19.99	-5.90	309.82	-4.50	157.88
175	0.00	20.56	-5.90	313.33	-4.72	159.37
180	0.00	20.67	-5.90	313.33	-4.77	159.21
185	0.00	20.56	-5.90	313.33	-4.72	159.38

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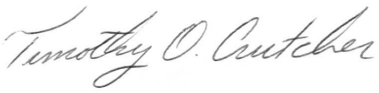
Antenna Mode	Receive 4.0 GHz		Transmit 6.1 GHz	
Interference Objectives: Long Term	-156.0 dBW/MHz	20%	-154.0 dBW/4 kHz	20%
Short Term	-146.0 dBW/MHz	0.01%	-131.0 dBW/4 kHz	0.0025%
Max Available RF Power			-10.5 (dBW/4 kHz)	

			Receive 4.0 GHz		Transmit 6.1 GHz	
Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Horizon Gain (dBi)	Coordination Distance (km)	Horizon Gain (dBi)	Coordination Distance (km)
190	0.00	20.21	-5.90	313.33	-4.58	159.89
195	0.00	19.63	-5.90	313.33	-4.52	160.13
200	0.00	18.84	-5.90	313.33	-4.52	160.13
205	0.00	17.83	-5.90	313.33	-4.51	160.16
210	0.00	16.63	-5.90	313.33	-4.51	160.18
215	0.00	15.24	-5.90	313.33	-4.54	160.07
220	0.00	13.69	-4.90	320.39	-4.53	160.10
225	0.00	11.99	-3.89	327.64	-4.60	159.83
230	0.00	10.14	-2.90	367.52	-4.61	172.02
235	0.00	8.19	-1.09	449.16	-3.69	206.15
240	0.00	6.13	0.10	554.13	-2.63	259.95
245	0.00	5.49	0.61	662.68	-1.99	319.78
250	0.00	8.49	-1.39	346.03	-3.99	162.10
255	0.00	12.81	-4.71	321.77	-4.50	160.20
260	0.00	17.48	-5.90	313.33	-4.71	159.41
265	0.00	22.30	-5.90	313.33	-5.42	156.84
270	0.00	27.18	-5.90	313.33	-7.81	148.57
275	0.00	32.09	-6.74	306.88	-9.92	141.82
280	0.00	37.03	-9.12	290.96	-11.31	137.67
285	0.00	41.98	-11.30	277.18	-14.08	131.29
290	0.00	46.93	-12.29	271.15	-15.50	127.50
295	0.00	51.90	-13.28	265.28	-15.50	127.50
300	0.00	56.87	-14.27	259.56	-15.50	127.50
305	0.00	61.84	-14.90	256.04	-15.50	127.50
310	0.00	66.81	-15.90	250.54	-15.50	127.50
315	0.00	71.79	-15.90	250.54	-15.50	127.50
320	0.00	76.77	-15.90	250.54	-15.50	127.50
325	0.00	81.74	-15.90	250.54	-15.50	127.50
330	0.00	86.72	-15.90	250.54	-15.50	127.50
335	0.00	91.70	-15.90	250.54	-15.50	127.50
340	0.00	96.68	-15.90	250.54	-15.50	127.50
345	0.00	101.66	-15.90	250.54	-15.50	127.50
350	0.00	106.64	-15.90	250.54	-15.50	127.50
355	0.24	111.62	-17.20	238.64	-15.82	123.10

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.



Timothy O. Crutcher
Frequency Planner
COMSEARCH
19700 Janelia Farm Boulevard
Ashburn, VA 20147

DATED: October 24, 2018