Cellular Voice Coverage in Rural Maine
Appendices

Prepared by James W. Sewall Company for the State of Maine
Office of the Public Advocate

24 February 2015

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Cellular Voice Coverage in Rural Maine

Appendices

Maine Office of the Public Advocate

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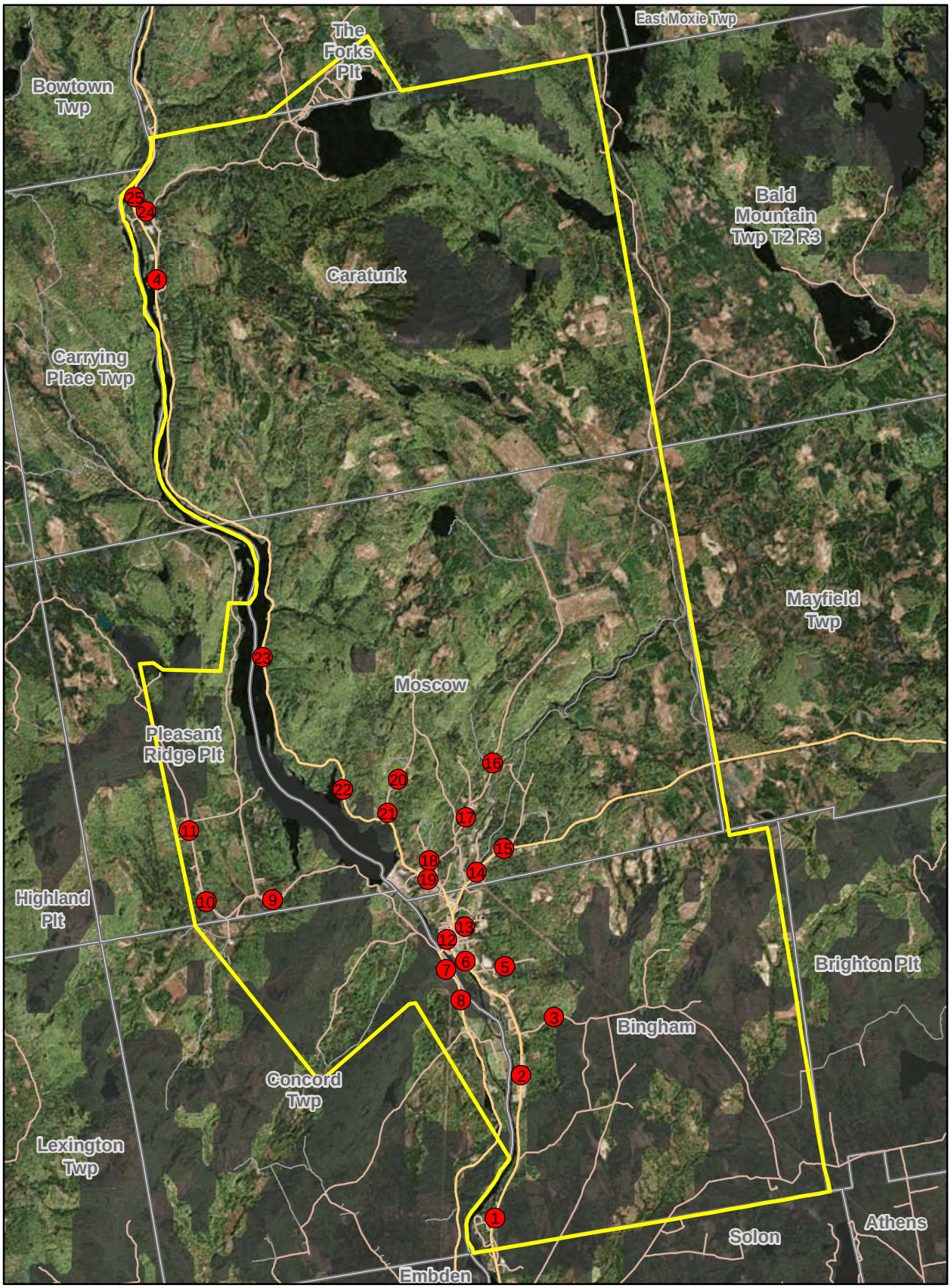
- Exchange Analysis: Sedgwick. Verizon Wireless (Motorola X)

Exchange Analysis: Bingham

AT&T (ZTE Compel)



Call Quality

- Clear Voice
- Minor Voice Cracking
- Poor Quality
- No Signal - No Call

- Exchange Boundary
- AT&T 3G/4G Coverage
- Town Boundary

Road Category

- Secondary
- Local
- Private

N W E S

0 1 2 4 Miles

Sources: Test Points - Tilson Technologies
Wireless broadband coverage - ConnectME Authority
Basemap - Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swIsstopo, and the GIS User Community

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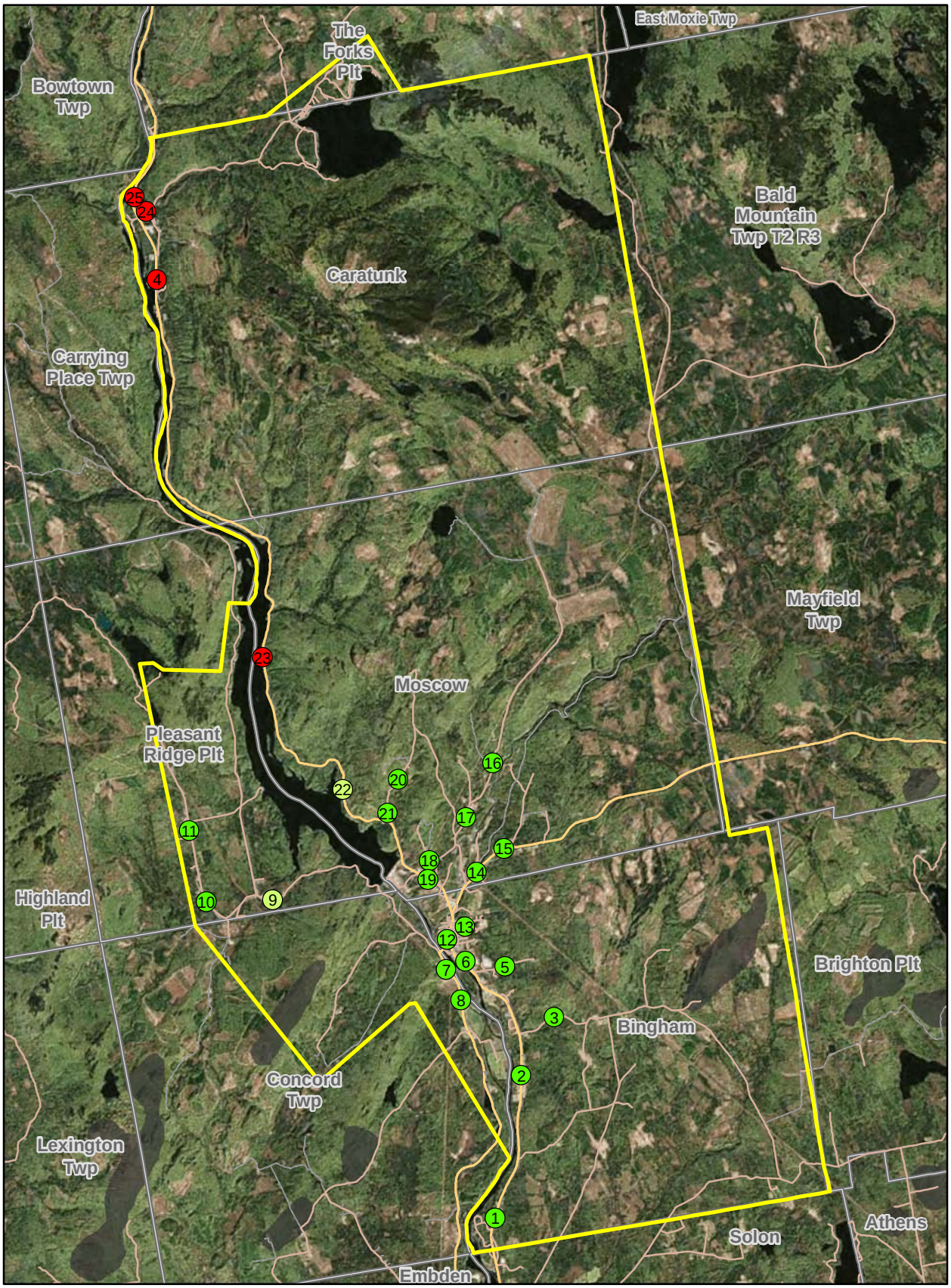
Exchange Analysis: Bingham

US Cellular (Motorola G)



Call Quality

- Clear Voice
- Minor Voice Cracking
- Poor Quality
- No Signal - No Call

- Exchange Boundary
- US Cellular 3G/4G Coverage
- Town Boundary

Road Category

- Secondary
- Local
- Private

N W E S

0 1 2 4 Miles

Sources: Test Points - Tilson Technologies
Wireless broadband coverage - ConnectME Authority
Basemap - Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swIsstopo, and the GIS User Community

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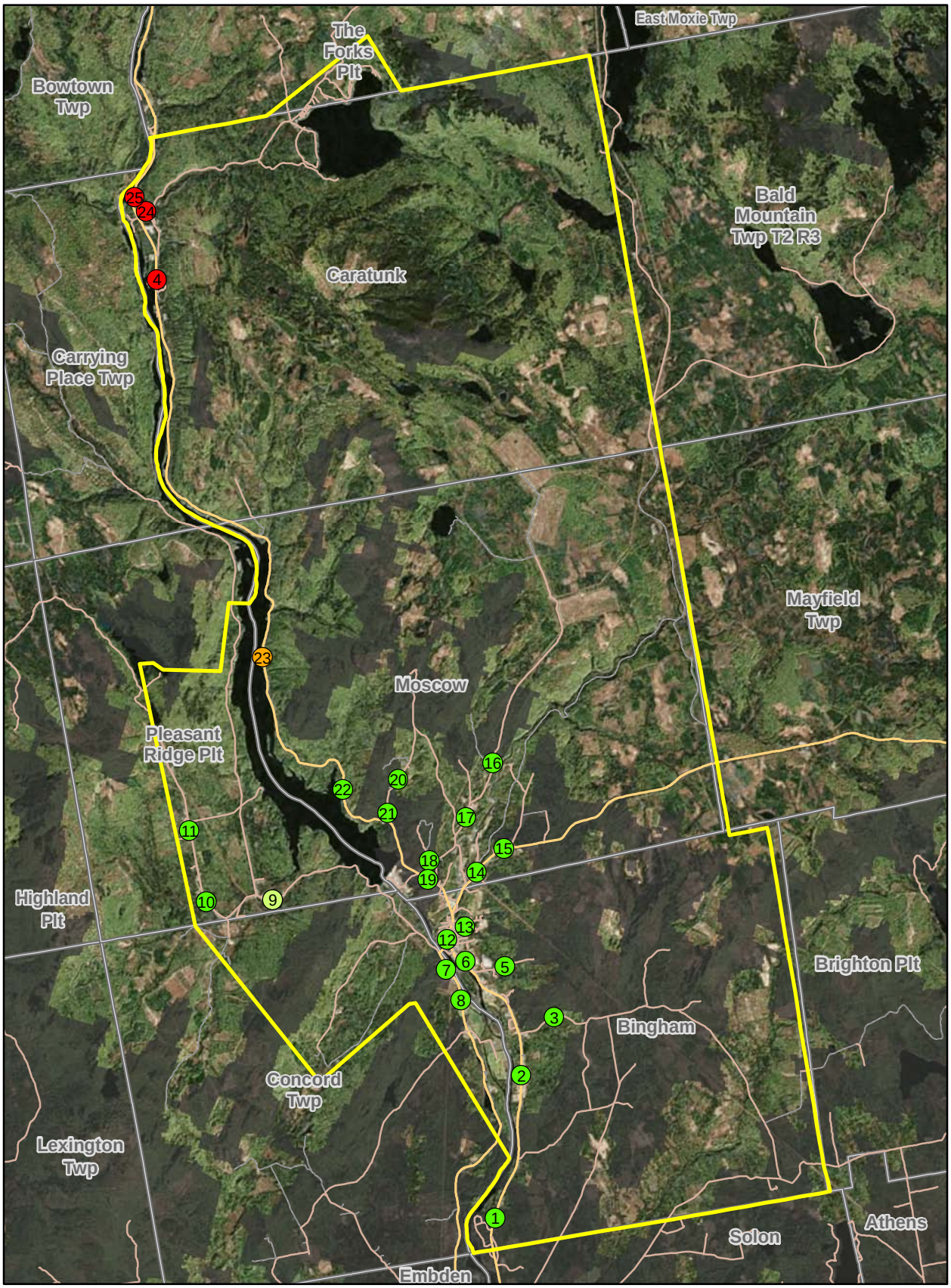
Exchange Analysis: Bingham

Verizon Wireless (Motorola X)



Call Quality

- Clear Voice
- Minor Voice Cracking
- Poor Quality
- No Signal - No Call

- Exchange Boundary
- Verizon 3G/4G Coverage
- Town Boundary

Road Category

- Secondary
- Local
- Private

N W E S

0 1 2 4 Miles

Sources: Test Points - Tilson Technologies
Wireless broadband coverage - ConnectME Authority
Basemap - Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swIsstopo, and the GIS User Community

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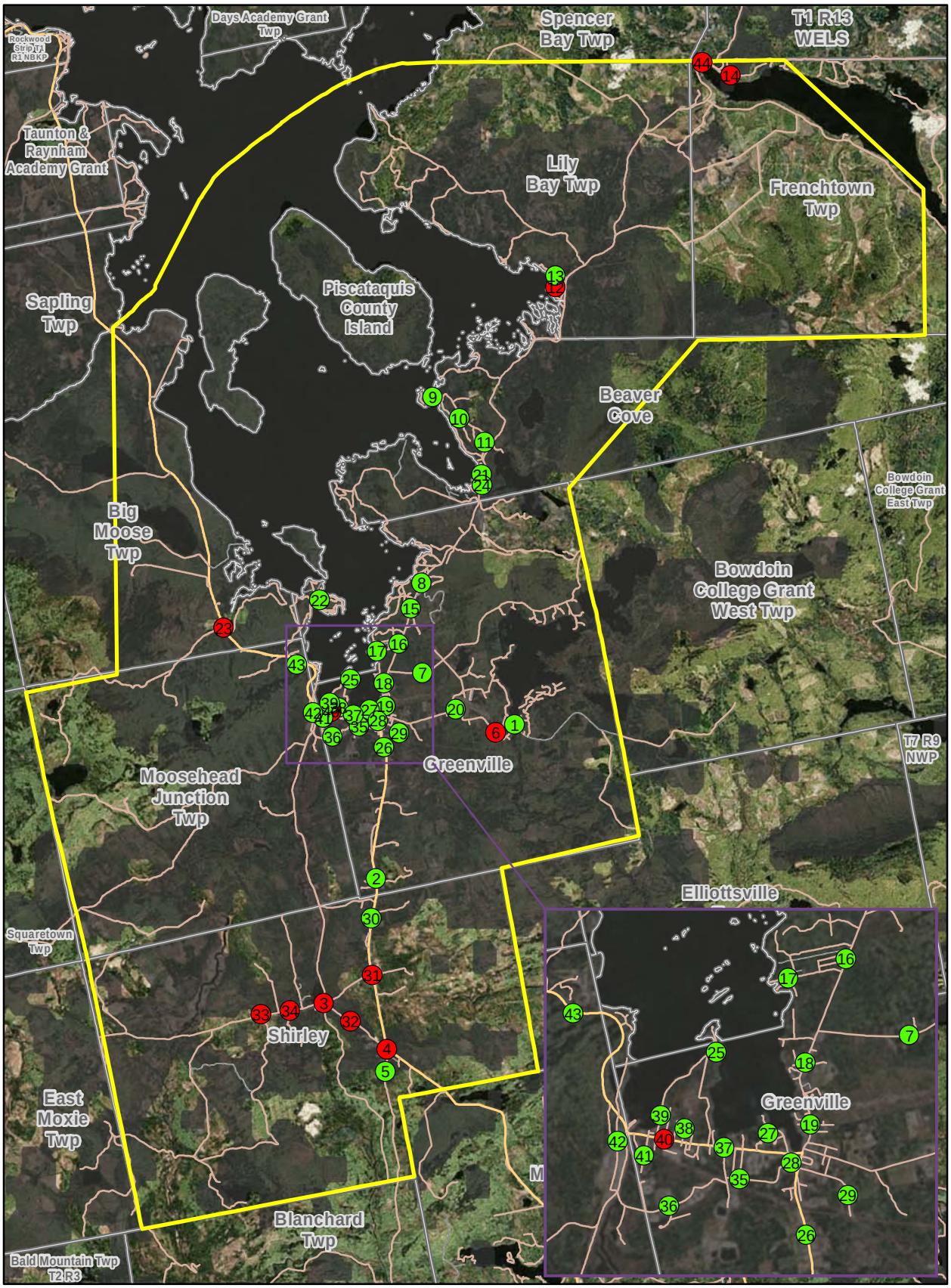
Exchange Analysis: Greenville

AT&T (ZTE Compel)



Call Quality

- Clear Voice
- Minor Voice Cracking
- Poor Quality
- No Signal - No Call

- Exchange Boundary
- AT&T 3G/4G Coverage
- Town Boundary

Road Category

- Secondary
- Local
- Private

N W E S

0 1.25 2.5 5 Miles

Sources: Test Points - Tilson Technologies
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Basemap - Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swIsstopo, and the GIS User Community

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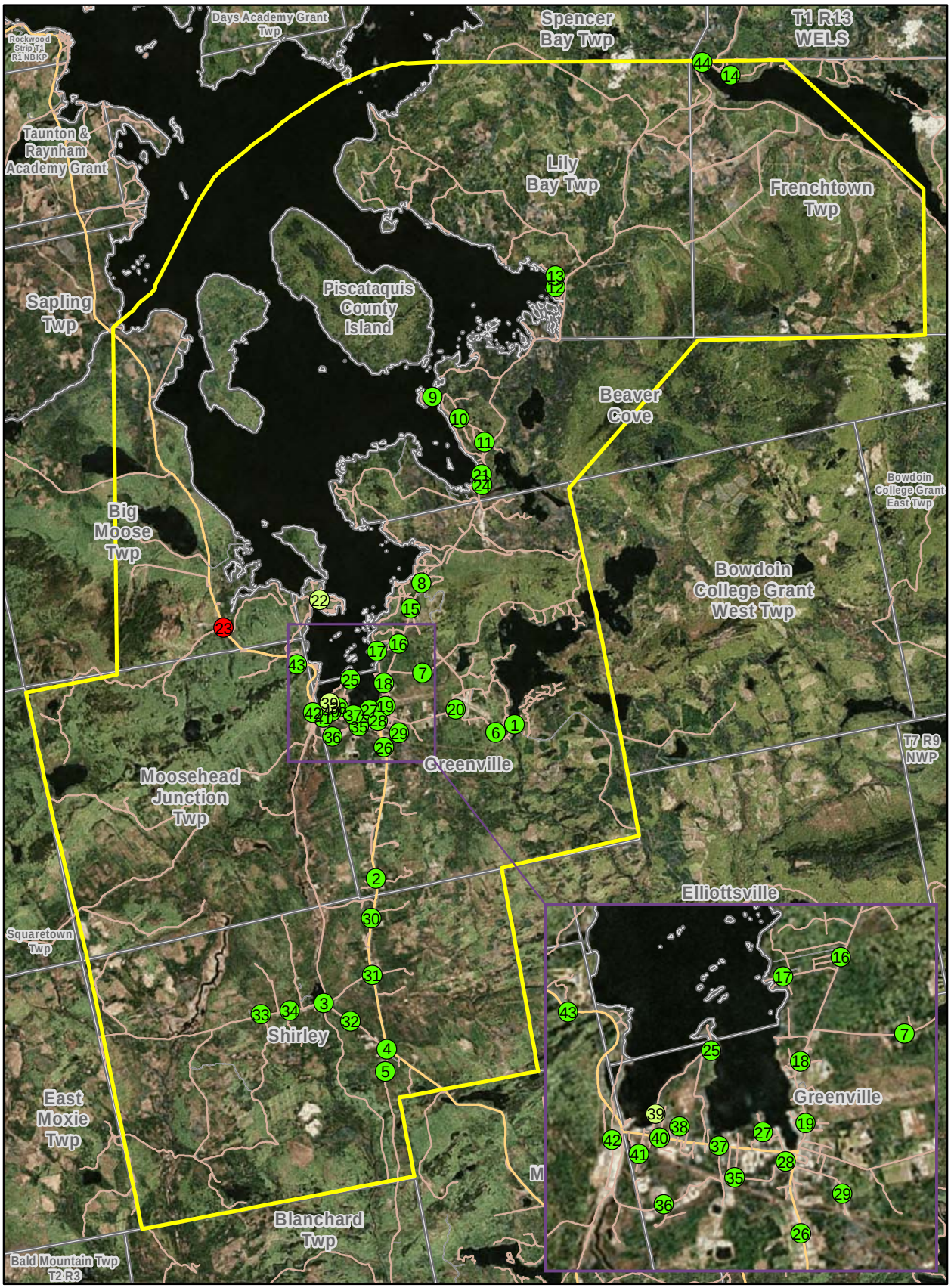
Exchange Analysis: Greenville

US Cellular (Motorola G)



Call Quality

- Clear Voice
- Minor Voice Cracking
- Poor Quality
- No Signal - No Call

- Exchange Boundary
- US Cellular 3G/4G Coverage
- Town Boundary

Road Category

- Secondary
- Local
- Private

N W E S

0 1.25 2.5 5 Miles

Sources: Test Points - Tilson Technologies
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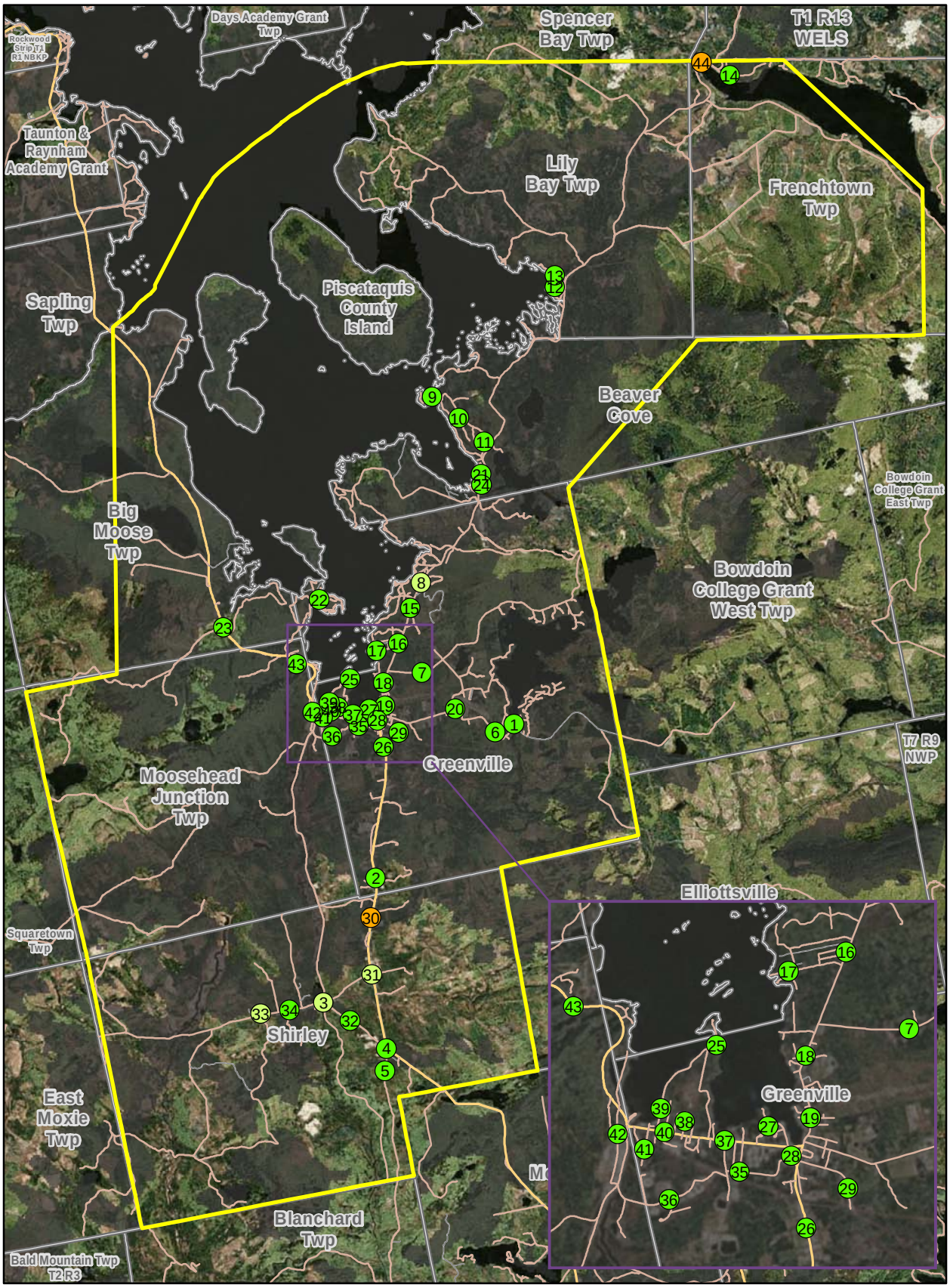
Exchange Analysis: Greenville

Verizon Wireless (Motorola X)



Call Quality

- Clear Voice
- Minor Voice Cracking
- Poor Quality
- No Signal - No Call

- Exchange Boundary
- Verizon 3G/4G Coverage
- Town Boundary

Road Category

- Secondary
- Local
- Private

N W E S

0 1.25 2.5 5 Miles

Sources: Test Points - Tilson Technologies
Wireless broadband coverage - ConnectME Authority
Basemap - Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swIsstopo, and the GIS User Community

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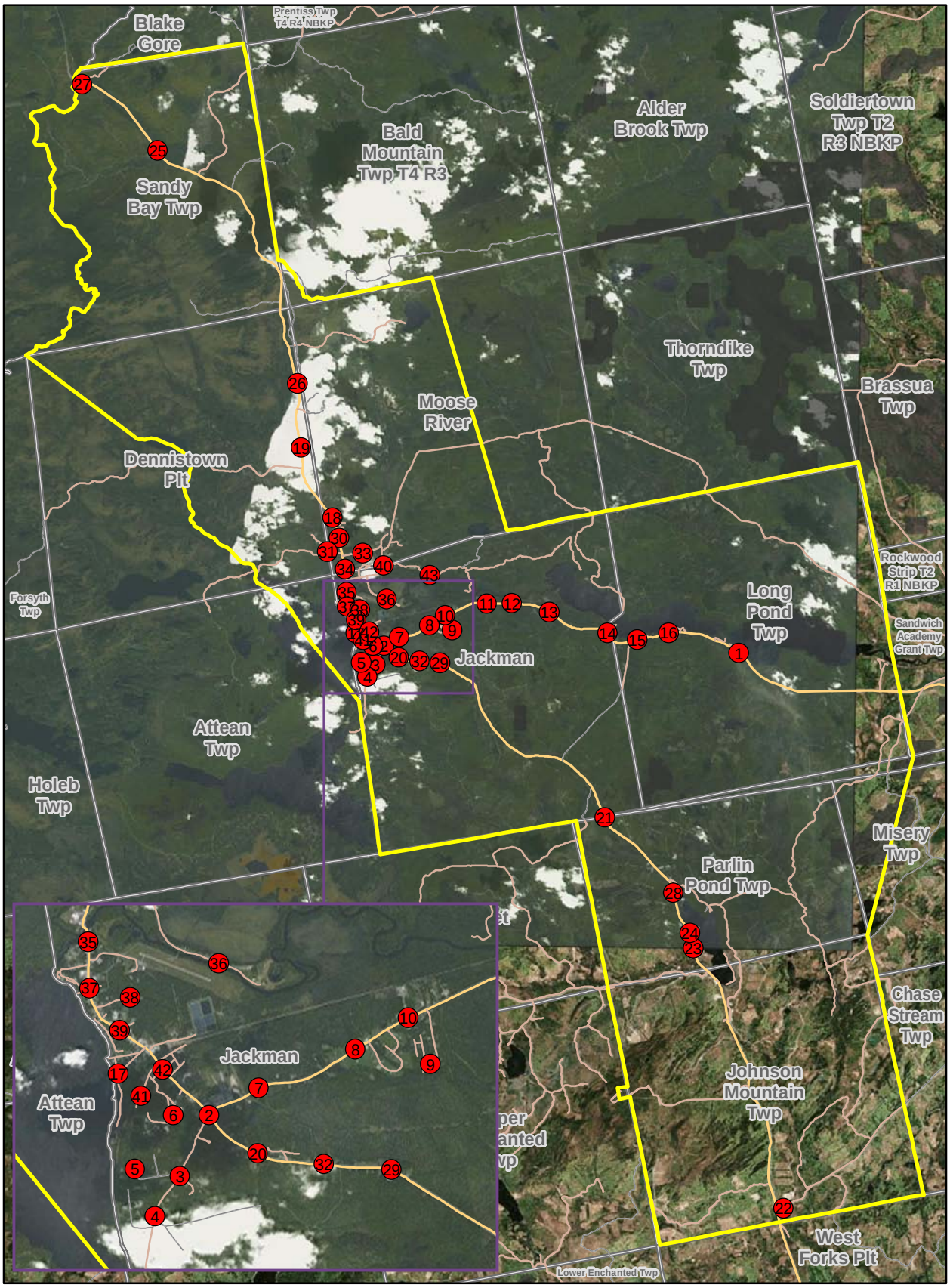
Exchange Analysis: Jackman

AT&T (ZTE Compel)



Call Quality

- Clear Voice
- Minor Voice Cracking
- Poor Quality
- No Signal - No Call

- Exchange Boundary
- AT&T 3G/4G Coverage
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Road Category

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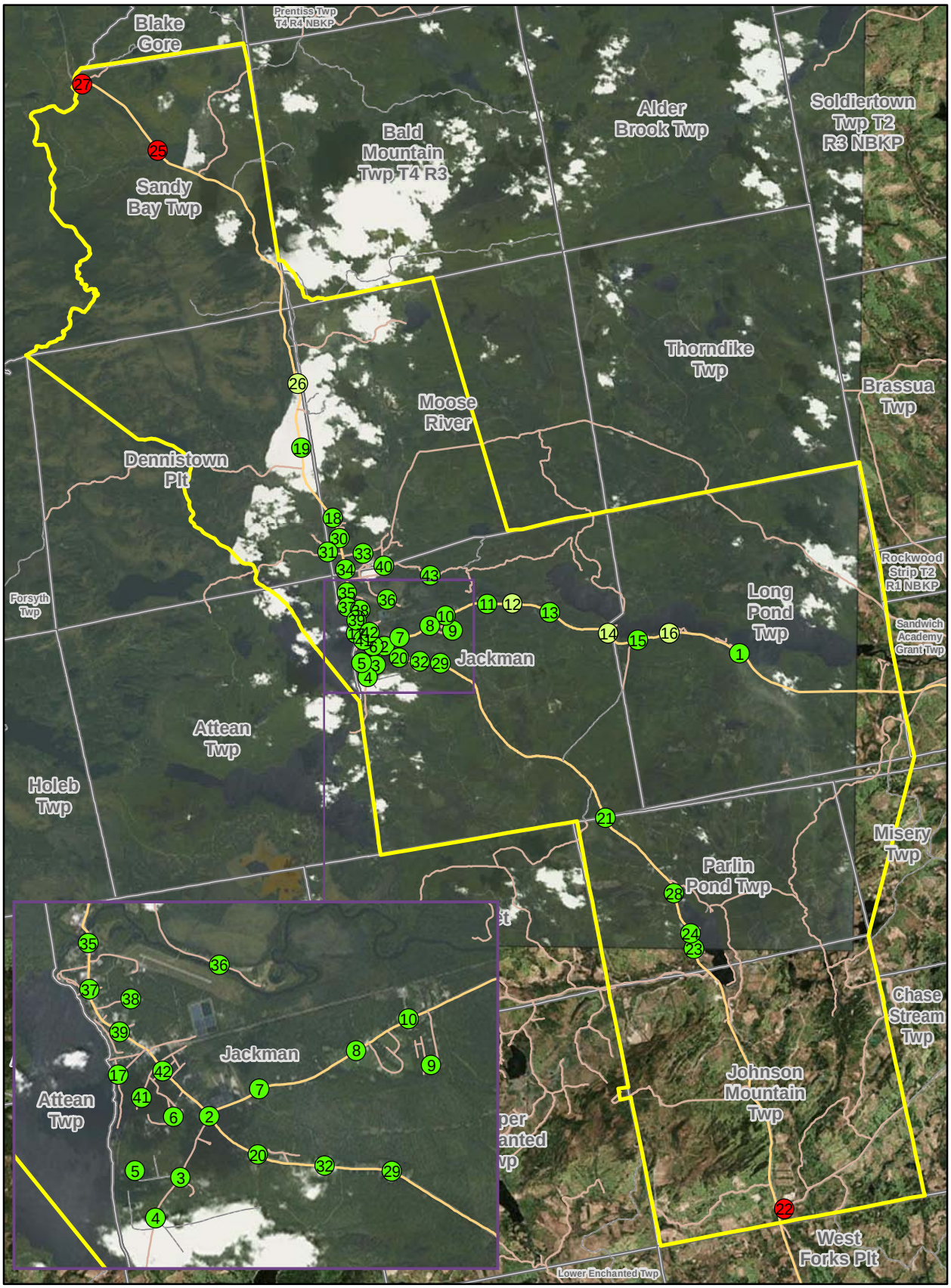
Exchange Analysis: Jackman

US Cellular (Motorola G)



Call Quality

- Clear Voice
- Minor Voice Cracking
- Poor Quality
- No Signal - No Call

- Exchange Boundary
- US Cellular 3G/4G Coverage
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Road Category

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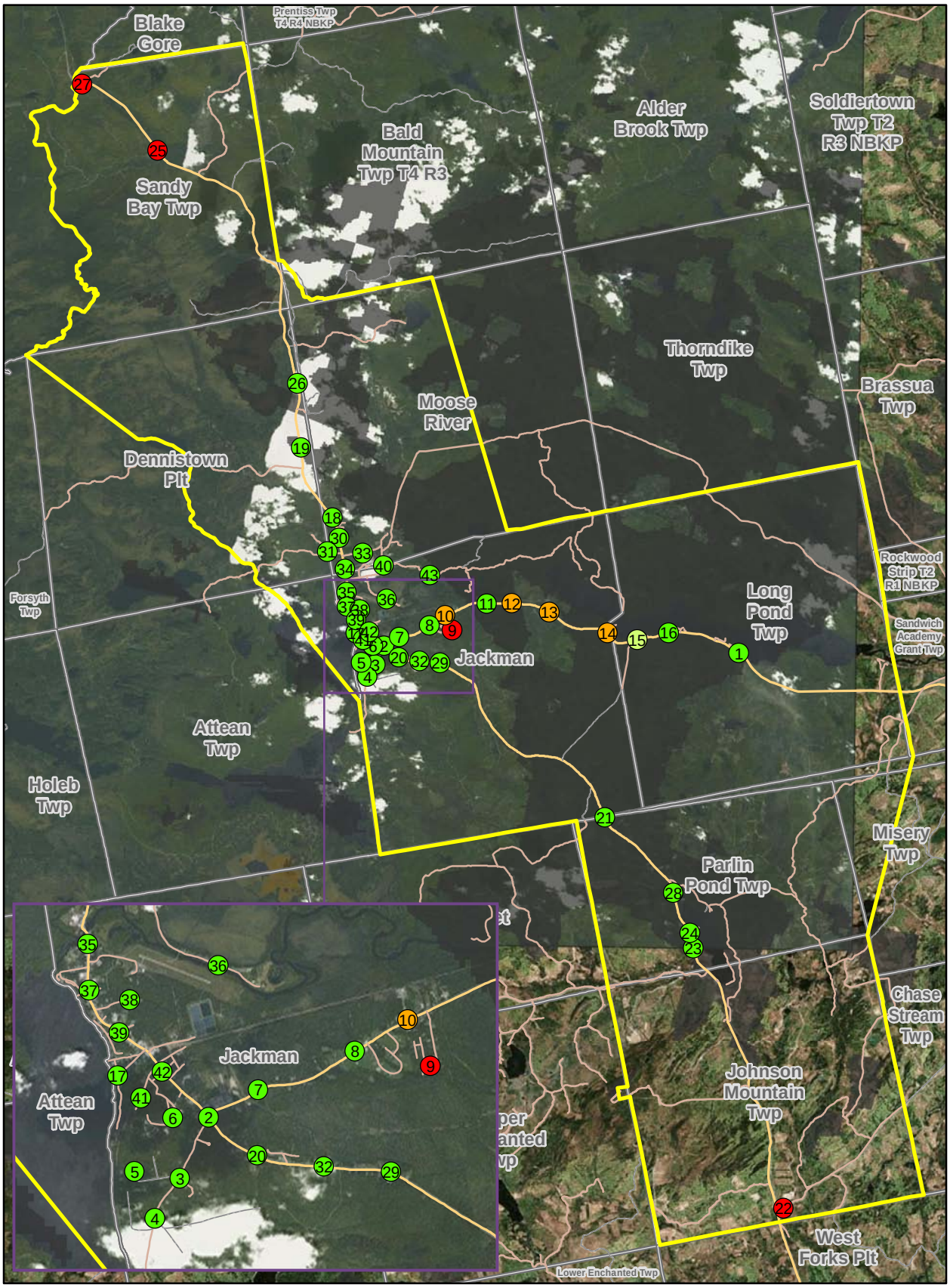
Exchange Analysis: Jackman

Verizon Wireless (Motorola X)



Call Quality

- Clear Voice
- Minor Voice Cracking
- Poor Quality
- No Signal - No Call

- Exchange Boundary
- Verizon 3G/4G Coverage
- Town Boundary

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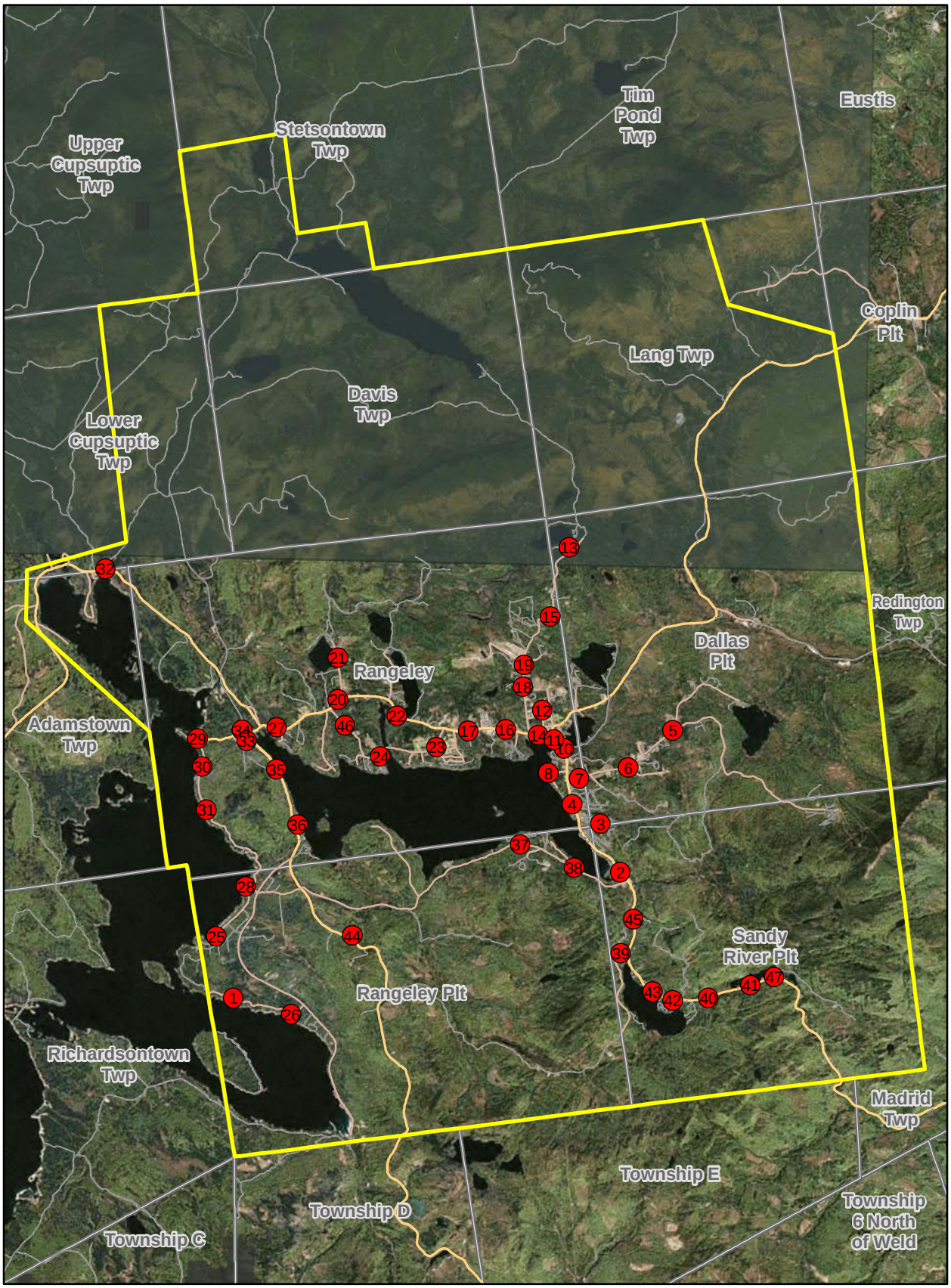
Exchange Analysis: Rangeley

AT&T (ZTE Compel)



Call Quality
- Clear Voice
- Minor Voice Cracking
- Poor Quality
- No Signal - No Call

- Exchange Boundary
- AT&T 3G/4G Coverage
- Town Boundary

Road Category
- Secondary
- Local
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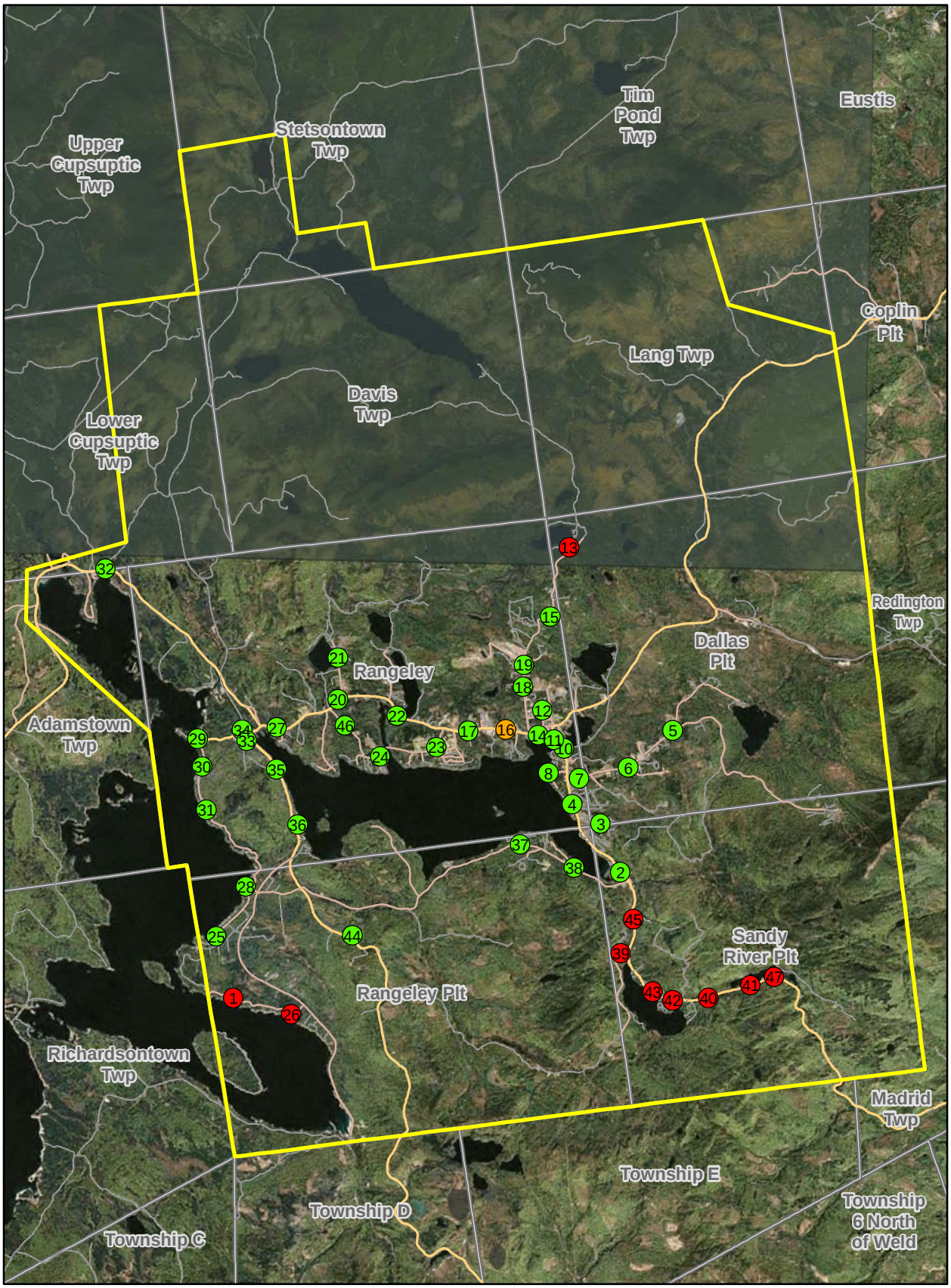
Exchange Analysis: Rangeley

US Cellular (Motorola G)



Call Quality

- Clear Voice
- Minor Voice Cracking
- Poor Quality
- No Signal - No Call

- Exchange Boundary
- US Cellular 3G/4G Coverage
- Town Boundary

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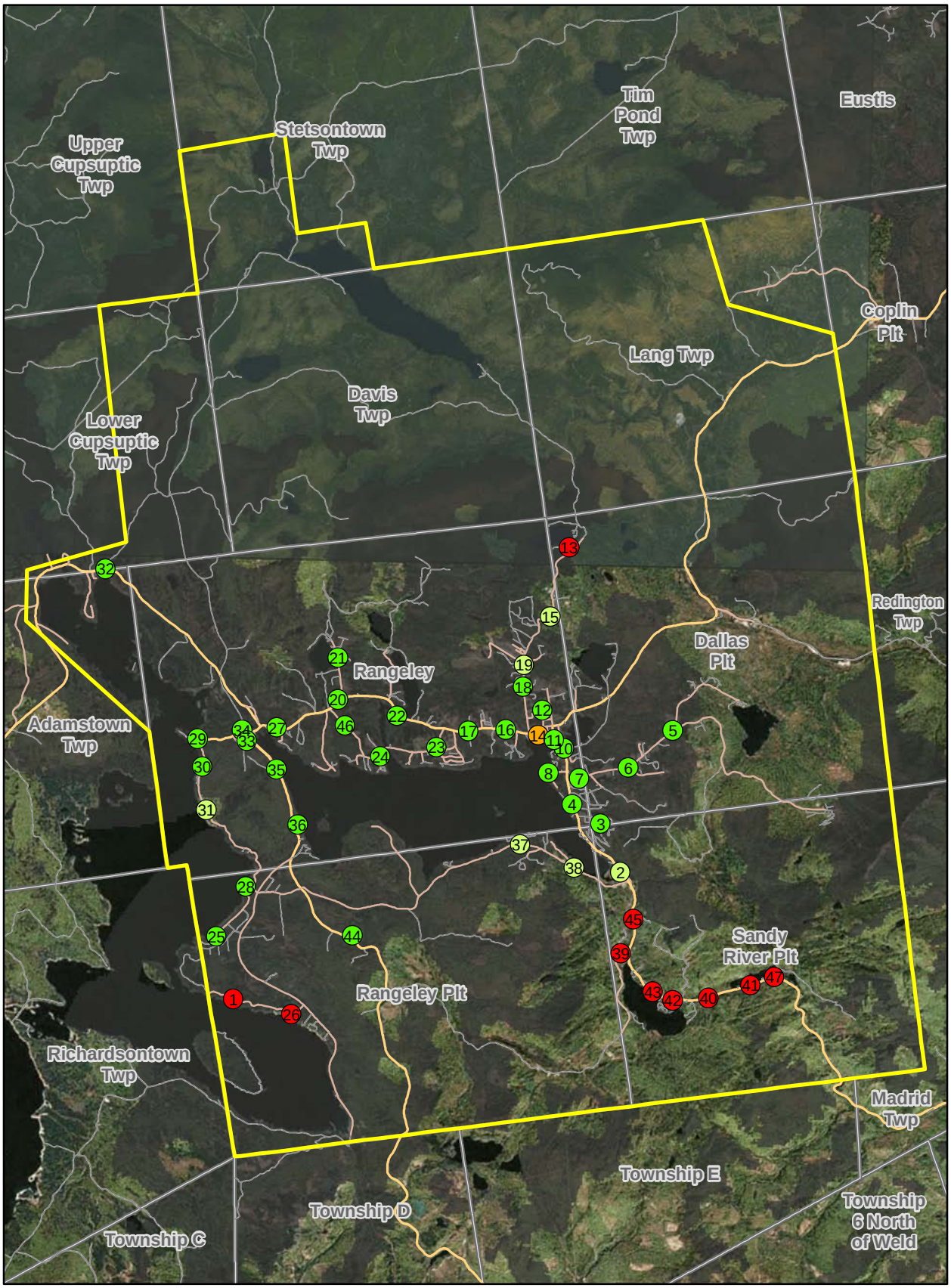
Exchange Analysis: Rangeley

Verizon Wireless (Motorola X)



Call Quality
- Clear Voice
- Minor Voice Cracking
- Poor Quality
- No Signal - No Call

- Exchange Boundary
- Verizon 3G/4G Coverage
- Town Boundary

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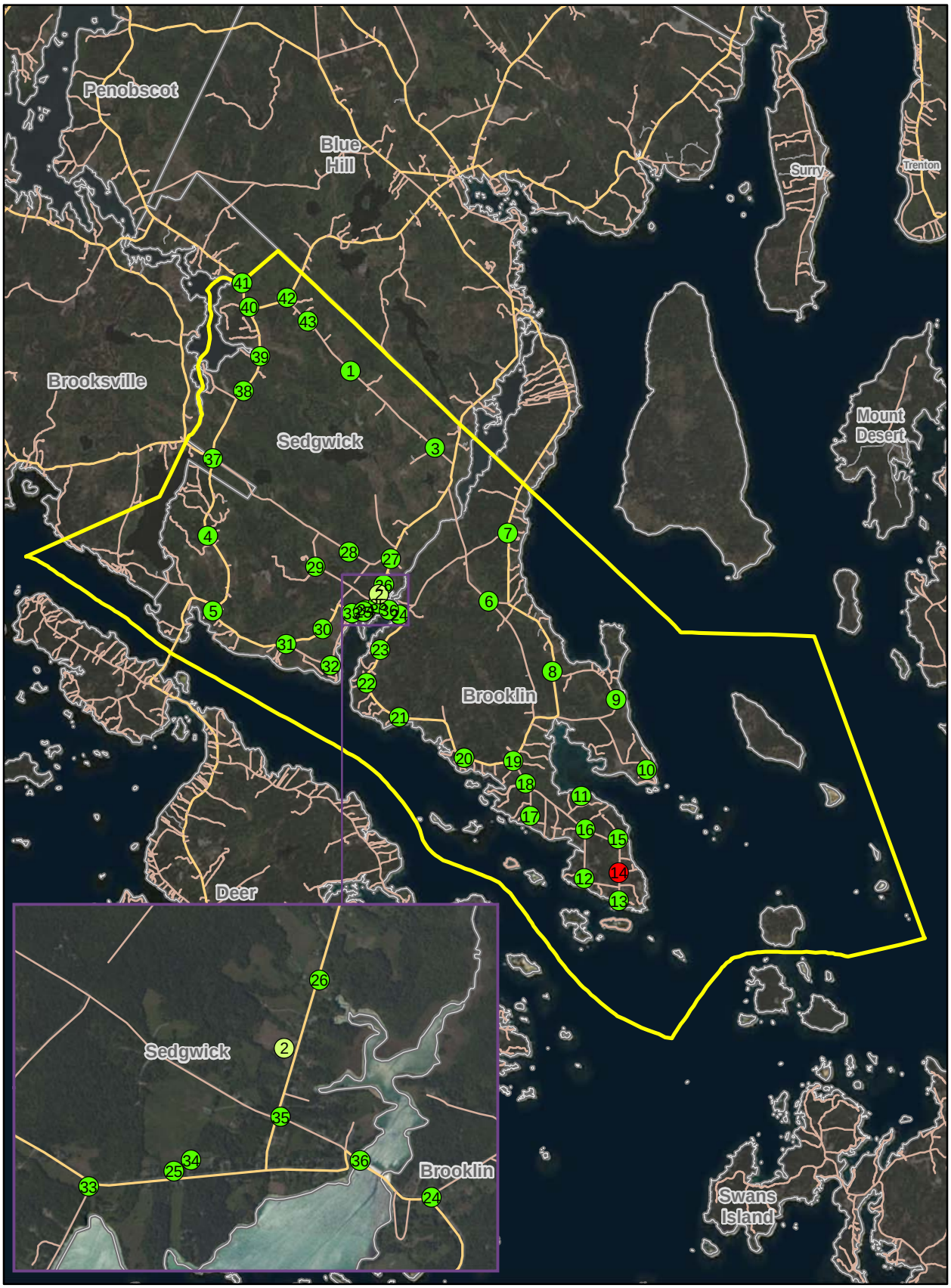
Exchange Analysis: Sedgwick

AT&T (ZTE Compel)



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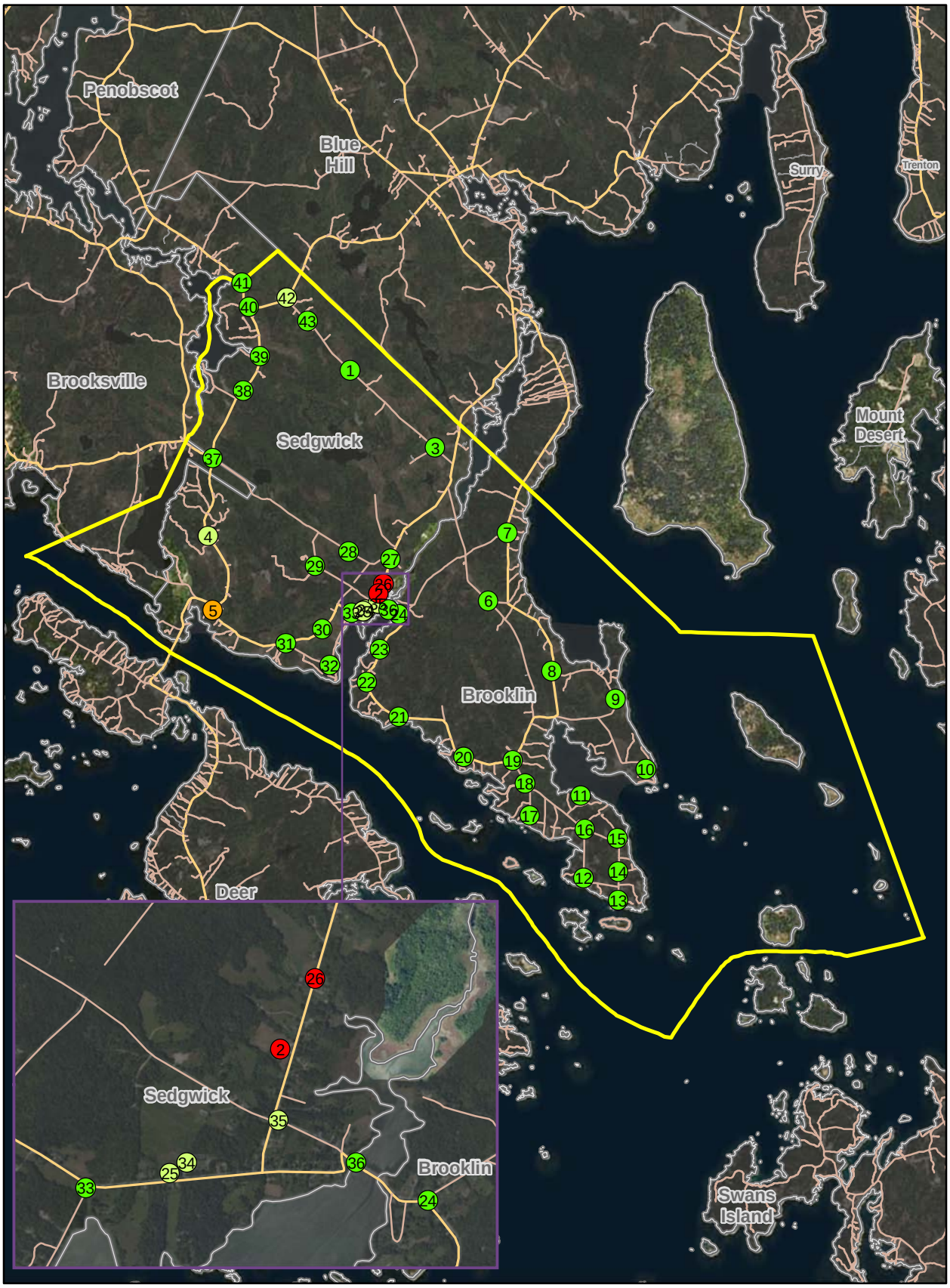
Exchange Analysis: Sedgwick

US Cellular (Motorola G)



Call Quality

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Wireless broadband coverage - ConnectME Authority
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Exchange Analysis: Sedgwick

Verizon Wireless (Motorola X)

Call Quality

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- Minor Voice Cracking
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- Exchange Boundary
- Verizon 3G/4G Coverage
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Road Category

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Wireless broadband coverage - ConnectME Authority
Basemap - Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swIsstopo, and the GIS User Community

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Appendix B. Test Data

A tabular version of the voice coverage test results are provided in this appendix.

Bingham Exchange

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
1	55	AT&T	No Signal - No Call	44.986515	-69.865992	No Signal	0	No
1	11	US Cellular	-92dBm 2 asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	44.986515	-69.865992	Clear Voice	2	No
1	35	Verizon	-93dBm 99asu 1xRTT 3 bars 1X,,Call completed; voice clear	44.986515	-69.865992	Clear Voice	3	No
2	56	AT&T	No Signal - No Call	45.021757	-69.857462	No Signal	0	No
2	12	US Cellular	-85dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.021757	-69.857462	Clear Voice	2	No
2	36	Verizon	-96dBm 99asu 1xRTT 2 bars 1X,,Call completed; voice clear	45.021757	-69.857462	Clear Voice	2	No
3	57	AT&T	No Signal - No Call	45.0362	-69.846137	No Signal	0	No
3	13	US Cellular	-93dBm 2asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.0362	-69.846137	Clear Voice	1	No
3	37	Verizon	-96dBm 99asu 1xRTT 2 bars 1X,,Call completed; voice clear	45.0362	-69.846137	Clear Voice	2	No
4	58	AT&T	No Signal - No Call	45.21736	-69.987715	No Signal	0	No
4	5	US Cellular	No Signal - No Call	45.21736	-69.987715	No Signal	0	No
4	30	Verizon	No Signal - No Call	45.21736	-69.987715	No Signal	0	No
5	59	AT&T	No Signal - No Call	45.048658	-69.863629	No Signal	0	No
5	14	US Cellular	-84dBm 4 asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.048658	-69.863629	Clear Voice	2	No
5	38	Verizon	-94dBm 99asu 1xRTT 3 bars 1X,,Call completed; voice clear	45.048658	-69.863629	Clear Voice	3	No
6	60	AT&T	No Signal - No Call	45.04986	-69.877255	No Signal	0	No
6	15	US Cellular	-84dBm 4 asu CDMA EvDo 2 Bars 3 G,,Call completed; voice clear	45.04986	-69.877255	Clear Voice	2	No
6	39	Verizon	-86dBm 99asu 1xRTT 3 bars 1X,,Call completed; voice clear	45.04986	-69.877255	Clear Voice	3	No
7	61	AT&T	No Signal - No Call	45.047729	-69.883934	No Signal	0	No
7	16	US Cellular	-91dBm 2 asu CDMA EvDo 1 bar 3G,,Call completed; clear voice	45.047729	-69.883934	Clear Voice	1	No
7	40	Verizon	-96dBm 99asu 1xRTT 3 bars 1X,,Call completed; clear voice	45.047729	-69.883934	Clear Voice	3	No
8	62	AT&T	No Signal - No Call	45.040281	-69.878697	No Signal	0	No
8	17	US Cellular	-85dBm 4 asu CDMA EvDo 2 Bars 3G,,Call completed; voice clear	45.040281	-69.878697	Clear Voice	2	No
8	41	Verizon	-93dBm 99asu 1xRTT 3 bars 1X,,Call completed; voice clear	45.040281	-69.878697	Clear Voice	3	No
9	63	AT&T	No Signal - No Call	45.064471	-69.944667	No Signal	0	No
9	9	US Cellular	-101dBm 1 asu CDMA EvDo 1 bar 3G,,Call completed; minor voice cracking	45.064471	-69.944667	Minor Voice Cracking	1	No
9	33	Verizon	-100dBm 99asu 1xRTT 2 bars 1X,,Call completed; minor voice cracking	45.064471	-69.944667	Minor Voice Cracking	2	No
10	64	AT&T	No Signal - No Call	45.063773	-69.967827	No Signal	0	No
10	18	US Cellular	-95dBm 2asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.063773	-69.967827	Clear Voice	2	No
10	42	Verizon	-101dBm 99asu 1xRTT 2bars 1X,,Call completed; voice clear	45.063773	-69.967827	Clear Voice	2	No
11	65	AT&T	No Signal - No Call	45.081362	-69.97396	No Signal	0	No
11	19	US Cellular	-84dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.081362	-69.97396	Clear Voice	2	No
11	43	Verizon	-96dBm 99asu 1xRTT 3 bars 1X,,Call completed; voice clear	45.081362	-69.97396	Clear Voice	3	No
12	66	AT&T	No Signal - No Call	45.055128	-69.883698	No Signal	0	No
12	20	US Cellular	-73dBm 8asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.055128	-69.883698	Clear Voice	3	No
12	44	Verizon	-92dBm 99asu 1xRTT 3 bars 1X,,Call completed; voice clear	45.055128	-69.883698	Clear Voice	3	No
13	67	AT&T	No Signal - No Call	45.058364	-69.877539	No Signal	0	No
13	21	US Cellular	-93dBm 2asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.058364	-69.877539	Clear Voice	2	No
13	45	Verizon	-97dBm 99asu 1xRTT 2 bars 1X,,Call completed; voice clear	45.058364	-69.877539	Clear Voice	2	No
14	68	AT&T	No Signal - No Call	45.071899	-69.873609	No Signal	0	No
14	22	US Cellular	-62dBm 18asu CDMA EvDo 4 bars 3G,,Call completed; voice clear	45.071899	-69.873609	Clear Voice	4	No
14	46	Verizon	-76dBm 99asu 1xRTT 4 bars,,Call completed; voice clear	45.071899	-69.873609	Clear Voice	4	No
15	69	AT&T	No Signal - No Call	45.077742	-69.864299	No Signal	0	No
15	23	US Cellular	-79dBm 4 asu CDMA EvDo 3 bars,,Call completed; voice clear	45.077742	-69.864299	Clear Voice	3	No
15	47	Verizon	-76dBm 99asu 1xRTT 4 bars 1X,,Call completed; voice clear	45.077742	-69.864299	Clear Voice	4	No
16	70	AT&T	No Signal - No Call	45.098926	-69.868464	No Signal	0	No
16	24	US Cellular	-82dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.098926	-69.868464	Clear Voice	2	No
16	48	Verizon	-77dBm 99asu 1xRTT 4 bars 1x,,Call completed; voice clear	45.098926	-69.868464	Clear Voice	4	No
17	71	AT&T	No Signal - No Call	45.085388	-69.8776	No Signal	0	No
17	25	US Cellular	-83dBm 4asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.085388	-69.8776	Clear Voice	3	No

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
17	49	Verizon	-83dBm 99asu 1xRTT 4 bars 1X,,Call completed; clear voice	45.085388	-69.8776	Clear Voice	4	No
18	72	AT&T	No Signal - No Call	45.074618	-69.890208	No Signal	0	No
18	26	US Cellular	-72dBm 4asu CDMA EvDo 3 bars 3G,,Call completed; clear voice	45.074618	-69.890208	Clear Voice	3	No
18	50	Verizon	-81dBm 99asu 1xRTT 4 bars 1x,,Call completed; clear voice	45.074618	-69.890208	Clear Voice	4	No
19	73	AT&T	No Signal - No Call	45.069927	-69.890689	No Signal	0	No
19	27	US Cellular	-70dBm 8asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.069927	-69.890689	Clear Voice	3	No
19	51	Verizon	-67dBm 99asu 1xRTT 5 bars 1X,,Call completed; voice clear	45.069927	-69.890689	Clear Voice	5	No
20	74	AT&T	No Signal - No Call	45.094639	-69.90127	No Signal	0	No
20	28	US Cellular	-86dBm 2 asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.094639	-69.90127	Clear Voice	1	No
20	52	Verizon	-88dBm 99asu 1xRTT 3 bars 1X,,Call completed; clear voice	45.094639	-69.90127	Clear Voice	3	No
21	75	AT&T	No Signal - No Call	45.086212	-69.904996	No Signal	0	No
21	29	US Cellular	-75dBm 8 asu 4 bars, unknown network,,Call completed; voice clear	45.086212	-69.904996	Clear Voice	4	No
21	54	Verizon	-74dBm 99asu 1xRTT 4 bars,,Call completed; voice was clear	45.086212	-69.904996	Clear Voice	4	No
22	76	AT&T	No Signal - No Call	45.09198	-69.92072	No Signal	0	No
22	10	US Cellular	-95dBm 2 asu 2 bars, network unknown,,Call completed; minor voice cracking	45.09198	-69.92072	Minor Voice Cracking	2	No
22	53	Verizon	-94dBm 99 asu 1xRTT 3 bars,,Call completed; clear voice	45.09198	-69.92072	Clear Voice	3	No
23	77	AT&T	No Signal - No Call	45.12431	-69.94921	No Signal	0	No
23	6	US Cellular	No Signal - No Call	45.12431	-69.94921	No Signal	0	No
23	34	Verizon	-102dBm 99asu 1xRTT 1 bar,,Call completed; broken voice, missed most of conversation, poor quality cal	45.12431	-69.94921	Poor Call Quality	1	No
24	78	AT&T	No Signal - No Call	45.234105	-69.991676	No Signal	0	No
24	7	US Cellular	No Signal - No Call	45.234105	-69.991676	No Signal	0	No
24	31	Verizon	No Signal - No Call	45.234105	-69.991676	No Signal	0	No
25	79	AT&T	No Signal - No Call	45.237599	-69.995779	No Signal	0	No
25	8	US Cellular	No Signal - No Call	45.237599	-69.995779	No Signal	0	No
25	32	Verizon	No Signal - No Call	45.237599	-69.995779	No Signal	0	No

Greenville Exchange

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
1	15	AT&T	-97dBm 8asu HSPA 3 bars 4G,,Call completed; voice clear	45.456689	-69.530763	Clear Voice	3	No
1	67	US Cellular	-95dBm 2 asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.456689	-69.530763	Clear Voice	1	No
1	115	Verizon	-95dBm 9asu EHRPD 3 bars 3G,,Call completed; voice clear	45.456689	-69.530763	Clear Voice	3	No
2	16	AT&T	-108dBm 2asu HSPA 1 bar 4G,,Call completed; clear voice	45.406519	-69.594	Clear Voice	1	No
2	51	US Cellular	-95dBm 2asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.406519	-69.594	Clear Voice	1	No
2	92	Verizon	-107dBm 4asu CDMA eHRPD 1 bar 3G,,Call completed; minor static	45.406519	-69.594	Clear Voice	1	No
3	3	AT&T	No Signal - No Call	45.365881	-69.617649	No Signal	0	No
3	80	US Cellular	-92dBm 2 asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.365881	-69.617649	Clear Voice	2	No
3	96	Verizon	-104dBm 4asu CDMA EHRPD 1 bar 3G,,Call completed; minor voice breaking	45.365881	-69.617649	Minor Voice Cracking	1	No
4	4	AT&T	No Signal - No Call	45.351295	-69.588479	No Signal	0	No
4	89	US Cellular	-90dBm 2asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.351295	-69.588479	Clear Voice	2	No
4	114	Verizon	-90dBm 11asu CDMA 1xRTT 4 bars,,Call completed; voice clear	45.351295	-69.588479	Clear Voice	4	No
5	17	AT&T	-103dBm 5asu HSPA 2 bars 4G,,Call completed; voice clear	45.344076	-69.589055	Clear Voice	2	No
5	90	US Cellular	-90dBm 2asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.344076	-69.589055	Clear Voice	2	No
5	122	Verizon	-113dBm 27asu 1 bar 4G LTE,,Call completed; voice clear	45.344076	-69.589055	Clear Voice	1	No
6	5	AT&T	No Signal - Call dropped	45.454182	-69.539522	No Signal	0	No
6	64	US Cellular	-77dBm 4 asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.454182	-69.539522	Clear Voice	2	No
6	99	Verizon	-112dBm 28 asu 3 bars 4G,,Call completed; voice clear	45.454182	-69.539522	Clear Voice	3	No
7	18	AT&T	-86dBm 14 asu HSPA 4 bars 4G,,Call completed; voice clear	45.473274	-69.573283	Clear Voice	4	No
7	68	US Cellular	-89dBm 2 asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.473274	-69.573283	Clear Voice	2	No
7	98	Verizon	-100dBm 40 asu 4 bars 4G LTE,,Call completed; voice clear	45.473274	-69.573283	Clear Voice	4	No
8	19	AT&T	-98dBm 7asu HSPA 3 bars 4G,,Call completed; voice clear	45.502383	-69.574052	Clear Voice	3	No
8	66	US Cellular	-90dBm 4 asu CDMA 1xRTT 3 bars 1X,,Call completed; voice clear	45.502383	-69.574052	Clear Voice	3	No
8	93	Verizon	-116dBm 26 asu 3 bars 4G,,Call completed; minor voice cracking	45.502383	-69.574052	Minor Voice Cracking	3	No
9	20	AT&T	-84dBm 15 asu HSPA 4 bars 4G,,Call completed; voice clear	45.562686	-69.569437	Clear Voice	4	No
9	59	US Cellular	-104dBm 99asu CDMA 1xRTT 1 bar 1X,,Call completed; voice clear	45.562686	-69.569437	Clear Voice	1	No
9	101	Verizon	-100dBm 40asu 3 bars 4G LTE,,Call completed; voice clear	45.562686	-69.569437	Clear Voice	3	No
10	21	AT&T	-112 1asu HSPA 1 bar 4G,,Call completed; voice clear	45.555757	-69.557141	Clear Voice	1	No
10	62	US Cellular	-93dBm 2 asu CDMA EvDo 1 bar 3G,,Call completed; voice clear (roaming)	45.555757	-69.557141	Clear Voice	1	No
10	100	Verizon	-114dBm 26 asu 2 bars 4G LTE,,Call completed; voice clear	45.555757	-69.557141	Clear Voice	2	No
11	22	AT&T	-109dBm 2 asu HSPA 1 bar 4G,,Call completed; voice clear	45.548108	-69.545563	Clear Voice	1	No
11	60	US Cellular	-86dBm 2 asu CDMA EvDo 2 bars 3G,,Call completed; voice clear (roaming)	45.548108	-69.545563	Clear Voice	2	No
11	104	Verizon	-110dBm 30 asu 2 bars 4G LTE,,Call completed; voice clear	45.548108	-69.545563	Clear Voice	2	No
12	6	AT&T	No Signal - No Call	45.598444	-69.513153	No Signal	0	No
12	61	US Cellular	-101dBm 99asu CDMA 1xRTT 1 bar 1X,,Call completed; voice clear	45.598444	-69.513153	Clear Voice	1	No
12	102	Verizon	-119dBm 21 asu 2 bars 4G LTE,,Call completed; voice clear	45.598444	-69.513153	Clear Voice	2	No
13	23	AT&T	-104dBm 5 asu HSPA 2 bars 4G,,Call completed; voice clear	45.602254	-69.513271	Clear Voice	2	No
13	55	US Cellular	-103dBm 99asu CDMA 1xRTT 1 bar 1X,,Call completed; voice clear	45.602254	-69.513271	Clear Voice	1	No
13	103	Verizon	-98dBm 40ASU 3 bars 4G LTE,,Call completed; voice clear	45.602254	-69.513271	Clear Voice	3	No
14	7	AT&T	No Signal - No Call	45.667369	-69.432903	No Signal	0	No
14	57	US Cellular	-96dBm 1asu CDMA EvDo 1 bar 3G,,Call completed; voice clear (roaming)	45.667369	-69.432903	Clear Voice	1	No
14	106	Verizon	-117dBm 23asu 2 bars 4G LTE,,Call completed; voice clear	45.667369	-69.432903	Clear Voice	2	No
15	24	AT&T	-87dBm 14asu HSPA 4 bars 4G,,Call completed; voice clear	45.494079	-69.578885	Clear Voice	4	No
15	56	US Cellular	-90dBm 4 asu CDMA 1xRTT 3 bars 1X,,Call completed; voice clear	45.494079	-69.578885	Clear Voice	3	No

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
15	108	Verizon	-94dBm 47 asu 4 bars 4G LTE,,Call completed; voice clear	45.494079	-69.578885	Clear Voice	4	No
16	25	AT&T	-86dBm 13 asu HPSA 4 bars 4G,,Call completed; voice clear	45.482543	-69.584323	Clear Voice	4	No
16	58	US Cellular	-90dBm 4asu CDMA 1xRTT 3 bars 1X,,Call completed; voice clear	45.482543	-69.584323	Clear Voice	3	No
16	107	Verizon	-95dBm 45asu 4 bars 4G LTE,,Call completed; voice clear	45.482543	-69.584323	Clear Voice	4	No
17	26	AT&T	-84dBm 15 asu HSPA+ 4 bars 4G,,Call completed; voice clear	45.480125	-69.594265	Clear Voice	4	No
17	54	US Cellular	-86dBm 2 asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.480125	-69.594265	Clear Voice	2	No
17	113	Verizon	-101dBm 39asu 3 bars 4G,,Call completed; voice clear	45.480125	-69.594265	Clear Voice	3	No
18	27	AT&T	-84dBm 14 asu HSPA 4 bars 4G,,Call completed; voice clear	45.469882	-69.591159	Clear Voice	4	No
18	53	US Cellular	-82dBm 4 asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.469882	-69.591159	Clear Voice	3	No
18	110	Verizon	-93dBm 47 asu 4 bars 4G LTE,,Call completed; voice clear	45.469882	-69.591159	Clear Voice	4	No
19	28	AT&T	-99dBm 7 asu HSPA 3 bars 4G,,Call completed; voice clear	45.462365	-69.590234	Clear Voice	3	No
19	63	US Cellular	-70dBm 8 asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.462365	-69.590234	Clear Voice	3	No
19	111	Verizon	-105dBm 35 ASU 3 bars 4G LTE,,Call completed; voice clear	45.462365	-69.590234	Clear Voice	3	No
20	29	AT&T	-93dBm 10 asu HSPA 3 bars 4G,,Call completed; voice clear	45.461506	-69.557748	Clear Voice	3	No
20	65	US Cellular	-90dBm 2 asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.461506	-69.557748	Clear Voice	2	No
20	109	Verizon	-97dBm 43 asu 3 bars 4G LTE,,Call completed; voice clear	45.461506	-69.557748	Clear Voice	3	No
21	30	AT&T	-99dBm 7 asu HSPA 2 bars 4G,,Call completed; voice clear	45.537667	-69.546709	Clear Voice	2	No
21	70	US Cellular	-103dBm 99 asu CDMA 1xRTT 1 bar 1X,,Call completed; voice clear	45.537667	-69.546709	Clear Voice	1	No
21	105	Verizon	-108dBm 32asu 2 bars 4G LTE,,Call completed; voice clear	45.537667	-69.546709	Clear Voice	2	No
22	31	AT&T	-105dBm 4asu HSPA+ 2 bars 4G,,Call completed; voice clear	45.496622	-69.621001	Clear Voice	2	No
22	49	US Cellular	-103dBm 99asu CDMA 1 bar 3G,,Call completed; minor voice breakup	45.496622	-69.621001	Minor Voice Cracking	1	No
22	116	Verizon	-110dBm 30 ASU 3 bars 4G,,Call completed; voice clear	45.496622	-69.621001	Clear Voice	3	No
23	8	AT&T	No Signal - No Call	45.487274	-69.665042	No Signal	0	No
23	47	US Cellular	No Signal - No Call	45.487274	-69.665042	No Signal	0	No
23	117	Verizon	-105dBm 5 asu 1 bar 3G,,Call completed; voice clear	45.487274	-69.665042	Clear Voice	1	No
24	32	AT&T	-107dBm 4 asu HSPA 2 bars 4G,,Call completed; voice clear	45.534216	-69.546425	Clear Voice	2	No
24	52	US Cellular	-100dBm 1 asu CDMA 1xRTT 1 bar 1X,,Call completed; voice clear	45.534216	-69.546425	Clear Voice	1	No
24	112	Verizon	-106dBm 34 asu 2 bars 4G LTE,,Call completed; voice clear	45.534216	-69.546425	Clear Voice	2	No
25	33	AT&T	-91dBm 11asu HSPA 3 bars 4G,,Call completed; voice clear	45.471092	-69.606578	Clear Voice	3	No
25	88	US Cellular	-75dBm 8asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.471092	-69.606578	Clear Voice	2	No
25	118	Verizon	-98dBm 42asu 3 bars 4G LTE,,Call completed; voice clear	45.471092	-69.606578	Clear Voice	3	No
26	34	AT&T	-76dBm 18asu HSPA 5 bars 4G,,Call completed; voice clear	45.44895	-69.590851	Clear Voice	5	No
26	87	US Cellular	-81dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.44895	-69.590851	Clear Voice	2	No
26	134	Verizon	-90dBm 50asu 5 bars 4G LTE,,Call completed; voice clear	45.44895	-69.590851	Clear Voice	5	No
27	36	AT&T	-73dBm 20asu HSPA 5 bars 4G,,Call completed; voice clear	45.461267	-69.597561	Clear Voice	5	No
27	86	US Cellular	-76dBm 4asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.461267	-69.597561	Clear Voice	3	No
27	119	Verizon	-93dBm 47asu 4 bars 4G LTE,,Call completed; voice clear	45.461267	-69.597561	Clear Voice	4	No
28	35	AT&T	-91dBm 11asu HSPA 3 bars 4G,,Call completed; voice clear	45.4577	-69.593527	Clear Voice	3	No
28	85	US Cellular	-77dBm 4asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.4577	-69.593527	Clear Voice	3	No
28	121	Verizon	-94dBm 46asu 4 bars 4G LTE,,Call completed; voice clear	45.4577	-69.593527	Clear Voice	4	No
29	37	AT&T	-107dBm 3asu HSPA 2 bars 4G,,Call completed; voice clear	45.453819	-69.583722	Clear Voice	2	No
29	83	US Cellular	-85dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.453819	-69.583722	Clear Voice	2	No
29	120	Verizon	-109dBm 32 asu 3 bars 4G LTE,,Call completed; voice clear	45.453819	-69.583722	Clear Voice	3	No
30	38	AT&T	-110dBm 2asu HSPA 1 bar 4G,,Call completed; clear voice	45.393705	-69.595991	Clear Voice	1	No

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
30	82	US Cellular	-93dBm 2asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.393705	-69.595991	Clear Voice	1	No
30	95	Verizon	-103dBm 5asu CDMA eHRPD 1 bar 3G,,Call completed; frequent voice breaking	45.393705	-69.595991	Poor Call Quality	1	No
31	9	AT&T	No Signal - No Call	45.37518	-69.595533	No Signal	0	No
31	81	US Cellular	-102dBm 99asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.37518	-69.595533	Clear Voice	1	No
31	94	Verizon	-104dBm 4asu CDMA eHRPD 1 bar 3G,,Call completed; minor voice breaking	45.37518	-69.595533	Minor Voice Cracking	1	No
32	10	AT&T	No Signal - No Call	45.36026	-69.605257	No Signal	0	No
32	84	US Cellular	-78dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.36026	-69.605257	Clear Voice	2	No
32	123	Verizon	-103dBm 5asu CDMA EHRPD 2 bars 3G,,Call completed; voice clear	45.36026	-69.605257	Clear Voice	2	No
33	11	AT&T	No Signal - No Call	45.362159	-69.646455	No Signal	0	No
33	78	US Cellular	-104dBm 99asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.362159	-69.646455	Clear Voice	1	No
33	97	Verizon	-104dBm 4asu CDMA EHRPD 1 bar 3G,,Call completed; minor static	45.362159	-69.646455	Minor Voice Cracking	1	No
34	12	AT&T	No Signal - No Call	45.36351	-69.633008	No Signal	0	No
34	79	US Cellular	-90dBm 2asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.36351	-69.633008	Clear Voice	2	No
34	125	Verizon	-99dBm 7asu CDMA EHRPD 2 bars 3G,,Call completed; voice clear	45.36351	-69.633008	Clear Voice	2	No
35	39	AT&T	-95dBm 9asu HSPA 3 bars 4G,,Call completed; voice clear	45.455709	-69.602388	Clear Voice	3	No
35	77	US Cellular	-84dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.455709	-69.602388	Clear Voice	2	No
35	124	Verizon	-95dBm 45asu 3 bars 4G LTE,,Call completed; voice clear	45.455709	-69.602388	Clear Voice	3	No
36	40	AT&T	-101dBm 6asu HSPA 2 bars 4G,,Call completed; voice clear	45.452335	-69.614519	Clear Voice	2	No
36	76	US Cellular	-79dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.452335	-69.614519	Clear Voice	2	No
36	126	Verizon	-98dBm 42asu 4 bars 4G LTE,,Call completed; voice clear	45.452335	-69.614519	Clear Voice	4	No
37	41	AT&T	-92dBm 11asu HSPA 3 bars 4G,,Call completed; voice clear	45.459495	-69.605067	Clear Voice	3	No
37	75	US Cellular	-82dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.459495	-69.605067	Clear Voice	2	No
37	132	Verizon	-99dBm 41asu 4 bars 4G LTE,,Call completed; voice clear	45.459495	-69.605067	Clear Voice	4	No
38	42	AT&T	-105dBm 4asu HSPA 2 bars 4G,,Call completed; voice clear	45.461791	-69.611929	Clear Voice	2	No
38	74	US Cellular	-84dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.461791	-69.611929	Clear Voice	2	No
38	127	Verizon	-113dBm 27asu 3 bars 4G LTE,,Call completed; voice clear	45.461791	-69.611929	Clear Voice	3	No
39	43	AT&T	-111dBm 2asu HSPA 1 bar 4G,,Call completed; voice clear	45.46335	-69.616058	Clear Voice	1	No
39	48	US Cellular	-94dBm 2asu CDMA EvDo 1 bar 3G,,Call completed; minor voice breaking	45.46335	-69.616058	Minor Voice Cracking	1	No
39	133	Verizon	-113dBm 27 asu 2 bars 4G LTE,,Call completed; voice clear	45.46335	-69.616058	Clear Voice	2	No
40	13	AT&T	Call Failed (twice) -107dBm 3asu HSPA 1 bar 4G	45.460459	-69.615355	No Signal	1	No
40	73	US Cellular	-84dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.460459	-69.615355	Clear Voice	2	No
40	128	Verizon	-114dBm 26 asu 2 bars 4G LTE,,Call completed; voice clear	45.460459	-69.615355	Clear Voice	2	No
41	44	AT&T	-95dBm 5asu HSPA 4 bars 4G,,Call completed; voice clear	45.458417	-69.618902	Clear Voice	4	No
41	69	US Cellular	-90dBm 2asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.458417	-69.618902	Clear Voice	2	No
41	129	Verizon	-100dBm 40asu 3 bars 4G LTE,,Call completed; voice clear	45.458417	-69.618902	Clear Voice	3	No
42	45	AT&T	-97dBm 8asu HSPA 2 bars 4G,,Call completed; voice clear	45.460164	-69.623512	Clear Voice	2	No
42	71	US Cellular	-70dBm 8asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.460164	-69.623512	Clear Voice	3	No
42	130	Verizon	-101dBm 39asu 3 bars 4G LTE,,Call completed; voice clear	45.460164	-69.623512	Clear Voice	3	No
43	46	AT&T	-89dBm 12asu HSPA 4 bars 4G,,Call completed; voice clear	45.475617	-69.631341	Clear Voice	4	No
43	72	US Cellular	-93dBm 2 asu EvDo 1 bar 3G,,Call completed; voice clear	45.475617	-69.631341	Clear Voice	1	No
43	131	Verizon	-98dBm 42 ASU 4 bars 4G,,Call completed; voice clear	45.475617	-69.631341	Clear Voice	4	No
44	14	AT&T	No Signal	45.671607	-69.446077	No Signal	0	No
44	50	US Cellular	-104dBm 99asu CDMA 1xRTT 1 bar 1x,,Call completed; voice clear	45.671607	-69.446077	Clear Voice	1	No
44	91	Verizon	-105dBm 4asu CDMA eHRPD 1 bar 3G,,Call initiated, call dropped 20 seconds in	45.671607	-69.446077	Poor Call Quality	1	No

Jackman Exchange

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
1	2	AT&T	No Signal - No Call	45.616638	-70.072705	No Signal	0	No
1	118	US Cellular	-101dBm 99asu CDMA 1xRTT 1 bar 1X,,Call completed; voice clear	45.616638	-70.072705	Clear Voice	1	No
1	54	Verizon	-111dBm 99asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.616638	-70.072705	Clear Voice	2	No
2	3	AT&T	No Signal - No Call	45.617401	-70.243445	No Signal	0	No
2	95	US Cellular	-90dBm 4asu unknown 2 bars 3G,,Call completed; voice clear	45.617401	-70.243445	Clear Voice	2	No
2	55	Verizon	-89dBm 4asu CDMA 1xRTT 3 bars,,Call completed; voice clear	45.617401	-70.243445	Clear Voice	3	No
3	4	AT&T	No Signal - No Call	45.611026	-70.24756	No Signal	0	No
3	119	US Cellular	-91dBm 2 asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.611026	-70.24756	Clear Voice	2	No
3	56	Verizon	-96dBm 1asu CDMA 1xRTT 2 bars,,Call completed; voice clear	45.611026	-70.24756	Clear Voice	2	No
4	5	AT&T	No Signal - No Call	45.606796	-70.251178	No Signal	0	No
4	120	US Cellular	-92dBm 2 asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.606796	-70.251178	Clear Voice	2	No
4	57	Verizon	-97dBm 1asu CDMA 1xRTT 2 bars,,Call completed; voice clear	45.606796	-70.251178	Clear Voice	2	No
5	6	AT&T	No Signal - No Call	45.611664	-70.254294	No Signal	0	No
5	121	US Cellular	-90dBm 2asu unknown 2 bars 3G,,Call completed; voice clear	45.611664	-70.254294	Clear Voice	2	No
5	58	Verizon	-91dBm 2asu CDMA 1xRTT 2 bars,,Call completed; voice clear	45.611664	-70.254294	Clear Voice	2	No
6	7	AT&T	No Signal - No Call	45.617316	-70.248733	No Signal	0	No
6	123	US Cellular	-95dBm 2asu unknown 2 bars 3G,,Call completed; voice clear	45.617316	-70.248733	Clear Voice	2	No
6	59	Verizon	-84dBm 4asu CDMA 1xRTT 4 bars,,Call completed; voice clear	45.617316	-70.248733	Clear Voice	4	No
7	8	AT&T	No Signal - No Call	45.620353	-70.236085	No Signal	0	No
7	124	US Cellular	-85dBm 4asu unknown 3 bars 3G,,Call completed; voice clear	45.620353	-70.236085	Clear Voice	3	No
7	60	Verizon	-83dBm 4asu CDMA 1xRTT 4 bars,,Call completed; voice clear	45.620353	-70.236085	Clear Voice	4	No
8	9	AT&T	No Signal - No Call	45.624524	-70.221838	No Signal	0	No
8	125	US Cellular	-78dBm 8asu unknown 3 bars 3G,,Call completed; voice clear	45.624524	-70.221838	Clear Voice	3	No
8	61	Verizon	-85dBm 4asu CDMA 1xRTT 3 bars,,Call completed; voice clear	45.624524	-70.221838	Clear Voice	3	No
9	10	AT&T	No Signal - No Call	45.623096	-70.210674	No Signal	0	No
9	126	US Cellular	-94dBm 2asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.623096	-70.210674	Clear Voice	2	No
9	45	Verizon	-117dBm 99asu CDMA eHRPD 1 bar 3G,,Call failed	45.623096	-70.210674	No Signal	1	No
10	11	AT&T	No Signal - No Call	45.627888	-70.214137	No Signal	0	No
10	128	US Cellular	-88dBm 4asu unknown 2 bars 3G,,Call completed; voice clear	45.627888	-70.214137	Clear Voice	2	No
10	46	Verizon	-105dBm 99 asu CDMA eHRDP 1 bar 3G,,Call started; call dropped at 20 seconds	45.627888	-70.214137	Poor Call Quality	1	No
11	12	AT&T	No Signal - No Call	45.632022	-70.194156	No Signal	0	No
11	129	US Cellular	-90dBm 4asu unknown 2 bars 3G,,Call completed; voice clear	45.632022	-70.194156	Clear Voice	2	No
11	62	Verizon	-120dBm 15asu 1 bar 4G LTE,,Call completed; voice clear	45.632022	-70.194156	Clear Voice	1	No
12	13	AT&T	No Signal - No Call	45.632319	-70.182171	No Signal	0	No
12	94	US Cellular	-108dBm 99asu CDMA EvDo 1 bar 3G,,Call completed; voice broke up twice during call	45.632319	-70.182171	Minor Voice Cracking	1	No
12	50	Verizon	-102dBm 1asu CDMA eHRPD 1 bar 3G,,Call dropped; voice cracking during entire call	45.632319	-70.182171	Poor Call Quality	1	No
13	14	AT&T	No Signal - No Call	45.629692	-70.164261	No Signal	0	No
13	130	US Cellular	-102dBm 1asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.629692	-70.164261	Clear Voice	1	No
13	51	Verizon	-103dBm 1asu CDMA eHRPD 1 bar 3G,,Call completed; voice broken up for the majority of the call test	45.629692	-70.164261	Poor Call Quality	1	No
14	15	AT&T	No Signal - No Call	45.622858	-70.136014	No Signal	0	No
14	92	US Cellular	-104dBm 99asu CDMA 1xRTT 1 bar 1X,,Call completed; voice broken up at times	45.622858	-70.136014	Minor Voice Cracking	1	No
14	52	Verizon	-105dBm 99asu unknown 1 bar,,Call dropped; voice broken up during entire call	45.622858	-70.136014	Poor Call Quality	1	No
15	16	AT&T	No Signal - No Call	45.620687	-70.1217	No Signal	0	No
15	127	US Cellular	-102dBm 99asu CDMA 1xRTT 1 bar 1X,,Call completed; voice clear	45.620687	-70.1217	Clear Voice	1	No
15	53	Verizon	-95dBm 2asu CDMA eHRPD 2 bars 3G,,Call completed; voice broken up at times	45.620687	-70.1217	Minor Voice Cracking	2	No
16	17	AT&T	No Signal - No Call	45.623254	-70.106708	No Signal	0	No
16	93	US Cellular	-104dBm 99asu CDMA 1xRTT 1 bar 1X,,Call completed; minor voice breaking	45.623254	-70.106708	Minor Voice Cracking	1	No
16	63	Verizon	-126dBm 14asu 1 bar 4G LTE,,Call completed; voice clear	45.623254	-70.106708	Clear Voice	1	No
17	18	AT&T	No Signal - No Call	45.621589	-70.257011	No Signal	0	No

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
17	122	US Cellular	-85dBm 2 asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.621589	-70.257011	Clear Voice	2	No
17	64	Verizon	-97dBm 1asu CDMA 1xRTT 2 bars,,Call completed; voice clear	45.621589	-70.257011	Clear Voice	2	No
18	19	AT&T	No Signal - No Call	45.660286	-70.269008	No Signal	0	No
18	117	US Cellular	-88dBm 2asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.660286	-70.269008	Clear Voice	2	No
18	65	Verizon	-91dBm 2asu CDMA 1xRTT 3 bars,,Call completed; voice clear	45.660286	-70.269008	Clear Voice	3	No
19	20	AT&T	No Signal - No Call	45.683767	-70.28471	No Signal	0	No
19	98	US Cellular	-85dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.683767	-70.28471	Clear Voice	2	No
19	66	Verizon	-104dBm 1asu CDMA eHRPD 2 bars,,Call completed; voice clear	45.683767	-70.28471	Clear Voice	2	No
20	21	AT&T	No Signal - No Call	45.613509	-70.236123	No Signal	0	No
20	104	US Cellular	-91dBm 2asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.613509	-70.236123	Clear Voice	1	No
20	67	Verizon	-91dBm 2asu 3 CDMA 1xRTT 3 bars,,Call completed; voice clear	45.613509	-70.236123	Clear Voice	3	No
21	22	AT&T	No Signal - No Call	45.560542	-70.13609	No Signal	0	No
21	102	US Cellular	-65dBm 8asu CDMA EvDo 4 bars 3G,,Call completed; voice clear	45.560542	-70.13609	Clear Voice	4	No
21	68	Verizon	-100dBm 40asu 5 bars 4G LTE,,Call completed; voice clear	45.560542	-70.13609	Clear Voice	5	No
22	23	AT&T	No Signal - No Call	45.429544	-70.047746	No Signal	0	No
22	88	US Cellular	No Signal - no call	45.429544	-70.047746	No Signal	0	No
22	47	Verizon	-104dBm 99asu CDMA 1xRTT 1 bar,,Call failed; would not dial out	45.429544	-70.047746	No Signal	1	No
23	24	AT&T	No Signal - No Call	45.516935	-70.09264	No Signal	0	No
23	99	US Cellular	-92dBm 2asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.516935	-70.09264	Clear Voice	1	No
23	69	Verizon	-117dBm 23asu 2 bars 4G LTE,,Call completed; voice clear	45.516935	-70.09264	Clear Voice	2	No
24	25	AT&T	No Signal - No Call	45.522051	-70.094303	No Signal	0	No
24	100	US Cellular	-82dBm 8asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.522051	-70.094303	Clear Voice	3	No
24	70	Verizon	-110dBm 30asu 5 bars 4G LTE,,Call completed; voice clear	45.522051	-70.094303	Clear Voice	5	No
25	26	AT&T	No Signal - No Call	45.783358	-70.356202	No Signal	0	No
25	89	US Cellular	No Signal - No Call	45.783358	-70.356202	No Signal	0	No
25	48	Verizon	No Signal - No Call	45.783358	-70.356202	No Signal	0	No
26	27	AT&T	No Signal - No Call	45.705519	-70.287139	No Signal	0	No
26	91	US Cellular	-99dBm 2 asu CDMA 1xRTT 1 bar 1x,,Call completed; minor voice breaking	45.705519	-70.287139	Minor Voice Cracking	1	No
26	71	Verizon	-117dBm 99asu CDMA eHRPD 1 bar,,Call completed; voice clear	45.705519	-70.287139	Clear Voice	1	No
27	28	AT&T	No Signal - No Call	45.80521	-70.393122	No Signal	0	No
27	90	US Cellular	No Signal - No call	45.80521	-70.393122	No Signal	0	No
27	49	Verizon	No Signal - No Call	45.80521	-70.393122	No Signal	0	No
28	29	AT&T	No Signal - No Call	45.535512	-70.102487	No Signal	0	No
28	101	US Cellular	-91dBm 2asu 2 bars 3G,,Call completed; voice clear	45.535512	-70.102487	Clear Voice	2	No
28	72	Verizon	-107dBm 33asu 3 bars 4G LTE,,Call completed; voice clear	45.535512	-70.102487	Clear Voice	3	No
29	30	AT&T	No Signal - No Call	45.612028	-70.216234	No Signal	0	No
29	106	US Cellular	-85dBm 4asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.612028	-70.216234	Clear Voice	3	No
29	73	Verizon	-88dBm 4asu CDMA 1xRTT 3 bars,,Call completed; voice clear	45.612028	-70.216234	Clear Voice	3	No
30	31	AT&T	No Signal - No Call	45.65352	-70.265857	No Signal	0	No
30	114	US Cellular	-84dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.65352	-70.265857	Clear Voice	2	No
30	74	Verizon	-80dBm 8asu CDMA 1xRTT 3 bars,,Call completed; voice clear	45.65352	-70.265857	Clear Voice	3	No
31	32	AT&T	No Signal - No Call	45.648902	-70.271241	No Signal	0	No
31	113	US Cellular	-89dBm 2asu CDMA EvDo 2 bar 3G,,Call completed; voice clear	45.648902	-70.271241	Clear Voice	2	No
31	75	Verizon	-97dBm 1asu CDMA 1xRTT 2 bars,,Call completed; voice clear	45.648902	-70.271241	Clear Voice	2	No
32	33	AT&T	No Signal - No Call	45.612482	-70.226231	No Signal	0	No
32	115	US Cellular	-83dBm 4asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.612482	-70.226231	Clear Voice	3	No
32	76	Verizon	-99dBm 1asu CDMA 1xRTT 2 bars,,Call completed; voice clear	45.612482	-70.226231	Clear Voice	2	No
33	34	AT&T	No Signal - No Call	45.648529	-70.254322	No Signal	0	No
33	112	US Cellular	-84dBm 4asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.648529	-70.254322	Clear Voice	3	No

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
33	77	Verizon	-104dBm 99asu CDMA 1xRTT 2 bars,,Call completed; voice clear	45.648529	-70.254322	Clear Voice	2	No
34	35	AT&T	No Signal - No Call	45.64317	-70.262526	No Signal	0	No
34	111	US Cellular	-71dBm 8asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.64317	-70.262526	Clear Voice	3	No
34	78	Verizon	-88dBm 4asu CDMA 1xRTT 3 bars,,Call completed; voice clear	45.64317	-70.262526	Clear Voice	3	No
35	36	AT&T	No Signal - No Call	45.635234	-70.261747	No Signal	0	No
35	110	US Cellular	-92dBm 2asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.635234	-70.261747	Clear Voice	1	No
35	79	Verizon	-91dBm 2asu CDMA 1xRTT 2 bars,,Call completed; voice clear	45.635234	-70.261747	Clear Voice	2	No
36	37	AT&T	No Signal - No Call	45.63321	-70.242328	No Signal	0	No
36	109	US Cellular	-73dBm 8asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	45.63321	-70.242328	Clear Voice	3	No
36	80	Verizon	-71dBm 16asu 5 bars,,Call completed; voice clear	45.63321	-70.242328	Clear Voice	5	No
37	38	AT&T	No Signal - No Call	45.630451	-70.261443	No Signal	0	No
37	108	US Cellular	-81dBm 4asu CDMA EvDo 2 bars 3G,,Call completed;voice clear	45.630451	-70.261443	Clear Voice	2	No
37	81	Verizon	-86dBm 4asu CDMA 1xRTT 3 bars,,Call completed; voice clear	45.630451	-70.261443	Clear Voice	3	No
38	39	AT&T	No Signal - No Call	45.629529	-70.255368	No Signal	0	No
38	107	US Cellular	-91dBm 2asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.629529	-70.255368	Clear Voice	2	No
38	82	Verizon	-92dBm 2asu CDMA 1xRTT 3 bars,,Call completed; voice clear	45.629529	-70.255368	Clear Voice	3	No
39	40	AT&T	No Signal - No Call	45.626078	-70.256875	No Signal	0	No
39	105	US Cellular	-91dBm 2asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.626078	-70.256875	Clear Voice	2	No
39	83	Verizon	-94dBm 2asu CDMA 1xRTT 3 bars,,Call completed; voice clear	45.626078	-70.256875	Clear Voice	3	No
40	41	AT&T	No Signal - No Call	45.6444	-70.244216	No Signal	0	No
40	103	US Cellular	-77dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	45.6444	-70.244216	Clear Voice	2	No
40	84	Verizon	-85dBm 4asu CDMA 1xRTT 4 bars,,Call completed; voice clear	45.6444	-70.244216	Clear Voice	4	No
41	42	AT&T	No Signal - No Call	45.619301	-70.253551	No Signal	0	No
41	116	US Cellular	-88dBm 4asu unknown 3 bars 3G,,Call completed; voice clear	45.619301	-70.253551	Clear Voice	3	No
41	85	Verizon	-93dBm 2 asu CDMA 1xRTT 4 bars,,Call completed; voice clear	45.619301	-70.253551	Clear Voice	4	No
42	43	AT&T	No Signal - No Call	45.622087	-70.250434	No Signal	0	No
42	96	US Cellular	-85dBm 4asu unknown 3 bars 3G,,Call completed; voice clear	45.622087	-70.250434	Clear Voice	3	No
42	86	Verizon	-81dBm 8asu CDMA 1xRTT 4 bars,,Call completed; voice clear	45.622087	-70.250434	Clear Voice	4	No
43	44	AT&T	No Signal - No Call	45.641449	-70.221901	No Signal	0	No
43	97	US Cellular	-94dBm 2asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.641449	-70.221901	Clear Voice	1	No
43	87	Verizon	-113dBm 99asu CDMA eHRPD 1 bar 3G,,Call completed; voice clear	45.641449	-70.221901	Clear Voice	1	No

Rangeley Exchange

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
1	98	AT&T	No Call - No Signal	44.886727	-70.775583	No Signal	0	No
1	4	US Cellular	No Call - No Signal	44.886821	-70.775665	No Signal	0	No
1	54	Verizon	No Call - No Signal	44.88657	-70.775731	No Signal	0	No
2	99	AT&T	No Signal, No Call	44.926396	-70.615492	No Signal	0	No
2	15	US Cellular	-103dBm 1asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	44.926396	-70.615492	Clear Voice	1	No
2	62	Verizon	-103dBm 99asu unknown network, 1 bar,,Call completed; minor voice breaking up, static during dialing	44.926396	-70.615492	Minor Voice Cracking	1	No
3	100	AT&T	No Signal - No Call	44.940613	-70.624125	No Signal	0	No
3	16	US Cellular	-80dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	44.940613	-70.624125	Clear Voice	2	No
3	69	Verizon	-108dBm 32asu 2 bars 4G LTE,,Call completed; voice clear	44.940613	-70.624125	Clear Voice	2	No
4	101	AT&T	No Signal - No Call	44.946227	-70.636248	No Signal	0	No
4	17	US Cellular	-87dBm 2asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	44.946227	-70.636248	Clear Voice	2	No
4	70	Verizon	-107dBm 33asu 2 bars 4G LTE,,Call completed; voice clear	44.946227	-70.636248	Clear Voice	2	No
5	102	AT&T	No Signal - No Call	44.968734	-70.594902	No Signal	0	No
5	18	US Cellular	-84dBm 2asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	44.968734	-70.594902	Clear Voice	2	No
5	71	Verizon	-109dBm 31asu 2 bars 4G LTE,,Call completed; voice clear	44.968734	-70.594902	Clear Voice	2	No
6	103	AT&T	No Signal, No Call	44.957469	-70.613201	No Signal	0	No
6	19	US Cellular	-97dBm 1asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	44.957469	-70.613201	Clear Voice	1	No
6	72	Verizon	-106dBm 32asu 2 bars 4G LTE,,Call completed; voice clear	44.957469	-70.613201	Clear Voice	2	No
7	104	AT&T	No signal, no call	44.953959	-70.633523	No Signal	0	No
7	20	US Cellular	-82dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	44.953959	-70.633523	Clear Voice	2	No
7	73	Verizon	-111dBm 29asu 2 bars 4G LTE,,Call completed; voice clear	44.953959	-70.633523	Clear Voice	2	No
8	105	AT&T	No Signal - No Call	44.955376	-70.646415	No Signal	0	No
8	21	US Cellular	-84dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	44.955376	-70.646415	Clear Voice	2	No
8	74	Verizon	-106dBm 32asu 2 bars 4G LTE,,Call completed; voice clear	44.955376	-70.646415	Clear Voice	2	No
10	107	AT&T	No signal, no call	44.96278	-70.639908	No Signal	0	No
10	23	US Cellular	-96dBm 1 asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	44.96278	-70.639908	Clear Voice	1	No
10	75	Verizon	-120dBm 20asu 2 bars 4G LTE,,Call completed; voice clear	44.96278	-70.639908	Clear Voice	2	No
11	108	AT&T	No signal - no call	44.965274	-70.644216	No Signal	0	No
11	22	US Cellular	-96dBm 2asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	44.965274	-70.644216	Clear Voice	1	No
11	76	Verizon	-108dBm 32asu 2 bars 4G LTE,,Call completed; voice clear	44.965274	-70.644216	Clear Voice	2	No
12	109	AT&T	No Signal - No call	44.97395	-70.649337	No Signal	0	No
12	24	US Cellular	-101dBm 1asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	44.97395	-70.649337	Clear Voice	1	No
12	77	Verizon	-97dBm 1asu CDMA eHRPD 2 bars 3G,,Call completed; voice clear	44.97395	-70.649337	Clear Voice	2	No
13	110	AT&T	No Signal - No Call	45.022238	-70.63962	No Signal	0	No
13	6	US Cellular	No Signal - No Call	45.022238	-70.63962	No Signal	0	No
13	52	Verizon	No Signal - No Call	45.022238	-70.63962	No Signal	0	No
14	111	AT&T	No signal - no call	44.966539	-70.650941	No Signal	0	No
14	25	US Cellular	-105dBm 2asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	44.966539	-70.650941	Clear Voice	1	No
14	63	Verizon	-132dBm 13asu 1 bar 4G LTE,,Call completed; voice breaking up often	44.966539	-70.650941	Poor Call Quality	1	No
15	112	AT&T	No Signal - No Call	45.001605	-70.646837	No Signal	0	No
15	29	US Cellular	-110dBm 99asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	45.001605	-70.646837	Clear Voice	1	No
15	64	Verizon	-94dBm 99asu 1 bar, unknown network,,Call completed; minor voice cracking	45.001605	-70.646837	Minor Voice Cracking	1	No
16	113	AT&T	No Signal - No Call	44.967945	-70.664568	No Signal	0	No
16	50	US Cellular	-103dBm 99asu CDMA EvDo 1 bar 3G,,Call completed; voice breaking up throughout entire call	44.967945	-70.664568	Poor Call Quality	1	No
16	80	Verizon	-126dBm 14asu 2 bars 4G LTE,,Call completed; voice clear	44.967945	-70.664568	Clear Voice	2	No
17	114	AT&T	No Signal - No Call	44.967336	-70.68015	No Signal	0	No
17	26	US Cellular	-96dBm 2asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	44.967336	-70.68015	Clear Voice	1	No
17	79	Verizon	-112dBm 26asu 2 bars 4G LTE,,Call completed; voice clear	44.967336	-70.68015	Clear Voice	2	No
18	115	AT&T	No Signal - No Call	44.980696	-70.657704	No Signal	0	No
18	27	US Cellular	-92dBm 2asu CDMA EvDo 2 bar 3G,,Call completed; voice clear	44.980696	-70.657704	Clear Voice	2	No

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
18	78	Verizon	-111dBm 29asu 2 bars 4G LTE,,Call completed; voice clear	44.980696	-70.657704	Clear Voice	2	No
19	116	AT&T	No Signal - No Call	44.987224	-70.657498	No Signal	0	No
19	28	US Cellular	-93dBm 2asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	44.987224	-70.657498	Clear Voice	1	No
19	65	Verizon	-116dBm 24asu 2 bars 4G LTE,,Call completed; minor voice cracking	44.987224	-70.657498	Minor Voice Cracking	2	No
20	117	AT&T	No Signal - No Call	44.975799	-70.734763	No Signal	0	No
20	30	US Cellular	-87dBm 2 asu CDMA EvDo 3 bars 3G,,Call completed; clear voice	44.975799	-70.734763	Clear Voice	3	No
20	81	Verizon	-113dBm 27asu 2 bars 4G LTE,,Call completed; voice clear	44.975799	-70.734763	Clear Voice	2	No
21	118	AT&T	No Signal - No Call	44.988109	-70.735096	No Signal	0	No
21	31	US Cellular	-80dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	44.988109	-70.735096	Clear Voice	2	No
21	82	Verizon	-114dBm 27 asu 2 bars 4G LTE,,Call completed; voice clear	44.988109	-70.735096	Clear Voice	2	No
22	119	AT&T	No Signal - No Call	44.971371	-70.709983	No Signal	0	No
22	32	US Cellular	-100dBm 1asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	44.971371	-70.709983	Clear Voice	1	No
22	83	Verizon	-101dBm 1asu 2 bars, unknown network,,Call completed; voice clear	44.971371	-70.709983	Clear Voice	2	No
23	120	AT&T	No Signal - No Call	44.962346	-70.693196	No Signal	0	No
23	33	US Cellular	-94dBm 1asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	44.962346	-70.693196	Clear Voice	2	No
23	84	Verizon	-115dBm 25asu 2 bars 4G LTE,,Call completed; voice clear	44.962346	-70.693196	Clear Voice	2	No
24	121	AT&T	No Signal - No Call	44.95924	-70.716546	No Signal	0	No
24	34	US Cellular	-100dBm 1asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	44.95924	-70.716546	Clear Voice	1	No
24	85	Verizon	-117dBm 18 asu 1 bar 4G LTE,,Call completed; voice clear	44.95924	-70.716546	Clear Voice	1	No
25	122	AT&T	No Signal - No Call	44.90484	-70.783238	No Signal	0	No
25	35	US Cellular	-100dBm 1asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	44.90484	-70.783238	Clear Voice	1	No
25	86	Verizon	-124dBm 16asu 2 bars 4G LTE,,Call completed; voice clear	44.90484	-70.783238	Clear Voice	2	No
26	123	AT&T	No Signal - No Call	44.882311	-70.751284	No Signal	0	No
26	7	US Cellular	No Signal - No Call	44.882311	-70.751284	No Signal	0	No
26	53	Verizon	No Call - No Signal	44.882311	-70.751284	No Signal	0	No
27	124	AT&T	No Signal - No Call	44.967079	-70.760059	No Signal	0	No
27	37	US Cellular	-73dBm 8asu CDMA EvDo 3 bars 3G,,Call completed; voice clear	44.967079	-70.760059	Clear Voice	3	No
27	87	Verizon	-104dBm 36 3 bars 4G LTE,,Call completed; voice clear	44.967079	-70.760059	Clear Voice	3	No
28	125	AT&T	No Signal - No Call	44.91978	-70.77143	No Signal	0	No
28	38	US Cellular	-97dBm 1asu CDMA EvDo 1 bar 3G,,Call completed; voice clear	44.91978	-70.77143	Clear Voice	1	No
28	89	Verizon	-101dBm 2asu CDMA eHRPD 2 bars 3G,,Call completed; voice clear	44.91978	-70.77143	Clear Voice	2	No
29	126	AT&T	No Signal - No Call	44.963269	-70.79303	No Signal	0	No
29	39	US Cellular	-77dBm 4asu CDMA 3 bars 3G,,Call completed; voice clear	44.963269	-70.79303	Clear Voice	3	No
29	91	Verizon	-109dBm 39asu 3 bars 4G LTE,,Call completed; voice clear	44.963269	-70.79303	Clear Voice	3	No
30	127	AT&T	No Signal - No Call	44.955065	-70.790789	No Signal	0	No
30	40	US Cellular	-84dBm 4asu CDMA 2 bars 3G,,Call completed; voice clear	44.955065	-70.790789	Clear Voice	2	No
30	90	Verizon	-110 30asu 3 bars 4G LTE,,Call completed; voice clear	44.955065	-70.790789	Clear Voice	3	No
31	128	AT&T	No Signal - No Test	44.942387	-70.788703	No Signal	0	No
31	41	US Cellular	-102dBm 1asu CDMA EvDo 1 bar 3G,,Call completed; call clear	44.942387	-70.788703	Clear Voice	1	No
31	66	Verizon	-102dBm 99asu CDMA 1xRTT 1 bar,,Call completed; voice cracking at times	44.942387	-70.788703	Minor Voice Cracking	1	No
32	129	AT&T	No Signal - No Call	45.013059	-70.832894	No Signal	0	No
32	42	US Cellular	-100dBm 1 asu CDMA 1 bar 3G,,Call completed; voice clear	45.013059	-70.832894	Clear Voice	1	No
32	92	Verizon	-112dBm 23 asu 1 bar 4G LTE,,Call completed; voice clear	45.013059	-70.832894	Clear Voice	1	No
33	130	AT&T	No Signal - No Call	44.963106	-70.772388	No Signal	0	No
33	43	US Cellular	-84dBm 4asu CDMA 2 bars 3G,,Call completed; clear voice	44.963106	-70.772388	Clear Voice	2	No
33	94	Verizon	-110dBm 30asu 2 bars 4G LTE,,Call completed; voice clear	44.963106	-70.772388	Clear Voice	2	No
34	131	AT&T	No Signal - No Call	44.966167	-70.774478	No Signal	0	No
34	44	US Cellular	-73dBm 8 asu CDMA 4 bars 3G,,Call completed; voice clear	44.966167	-70.774478	Clear Voice	4	No
34	93	Verizon	-103dBm 37asu 3 bars 4G LTE,,Call completed; voice clear	44.966167	-70.774478	Clear Voice	3	No
35	132	AT&T	No Signal - No Call	44.954856	-70.759817	No Signal	0	No

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
35	45	US Cellular	-103dBm 1asu CDMA 1 bar 3G,,Call completed; voice clear	44.954856	-70.759817	Clear Voice	1	No
35	95	Verizon	-115dBm 25asu 2 bars 4G LTE,,Call completed; voice clear	44.954856	-70.759817	Clear Voice	2	No
36	133	AT&T	No Signal - No Call	44.938442	-70.750479	No Signal	0	No
36	47	US Cellular	-93dBm 2asu CDMA 1 bar 3G,,Call completed; voice clear	44.938442	-70.750479	Clear Voice	1	No
36	96	Verizon	-117dBm 23asu 1 bar 4G LTE,,Call completed; voice clear	44.938442	-70.750479	Clear Voice	1	No
37	134	AT&T	No Signal - No Call	44.93394	-70.65754	No Signal	0	No
37	48	US Cellular	-95dBm 2asu CDMA 1 Bar 3G,,Call completed; voice clear	44.93394	-70.65754	Clear Voice	1	No
37	67	Verizon	-113dBm 25asu 2 bars 4G LTE,,Call completed; static at times, no drop outs	44.93394	-70.65754	Minor Voice Cracking	2	No
38	135	AT&T	No Signal - No Call	44.927467	-70.634957	No Signal	0	No
38	49	US Cellular	-100dBm 1asu CDMA 1 bar 3G,,Call completed; clear voice	44.927467	-70.634957	Clear Voice	1	No
38	68	Verizon	-104dBm 99asu CDMA 1xRTT 2 bars,,Call completed; voice cracking up at times	44.927467	-70.634957	Minor Voice Cracking	2	No
39	136	AT&T	No Signal - No Call	44.902328	-70.614726	No Signal	0	No
39	13	US Cellular	No Signal - No Call	44.902328	-70.614726	No Signal	0	No
39	59	Verizon	No Signal - No Call	44.902328	-70.614726	No Signal	0	No
40	137	AT&T	No Signal - No Call	44.88973	-70.577731	No Signal	0	No
40	11	US Cellular	No Signal - No Call	44.88973	-70.577731	No Signal	0	No
40	57	Verizon	No Signal - No Call	44.88973	-70.577731	No Signal	0	No
41	138	AT&T	No Signal - No Call	44.893735	-70.560479	No Signal	0	No
41	10	US Cellular	No Signal - No Call	44.893735	-70.560479	No Signal	0	No
41	56	Verizon	No Signal - No Call	44.893735	-70.560479	No Signal	0	No
42	139	AT&T	No Signal - No Call	44.888744	-70.592634	No Signal	0	No
42	12	US Cellular	No Signal - No Call	44.888744	-70.592634	No Signal	0	No
42	55	Verizon	No Signal - No Call	44.888744	-70.592634	No Signal	0	No
43	140	AT&T	No Signal - No Call	44.891246	-70.601078	No Signal	0	No
43	9	US Cellular	No Signal - No Call	44.891246	-70.601078	No Signal	0	No
43	58	Verizon	No Signal - No Call	44.891246	-70.601078	No Signal	0	No
44	141	AT&T	No Signal - No Call	44.906056	-70.726688	No Signal	0	No
44	46	US Cellular	-82dBm 4asu CDMA 3 bars 3G,,Call completed; voice clear	44.906056	-70.726688	Clear Voice	3	No
44	97	Verizon	-115dBm 25asu 2 bars 4G LTE,,Call completed; voice clear	44.906056	-70.726688	Clear Voice	2	No
45	142	AT&T	No Signal - No Call	44.912571	-70.609683	No Signal	0	No
45	8	US Cellular	No Signal - No Call	44.912571	-70.609683	No Signal	0	No
45	60	Verizon	No Signal - No Call	44.912571	-70.609683	No Signal	0	No
46	143	AT&T	No Signal - No Call	44.9681	-70.731557	No Signal	0	No
46	36	US Cellular	-79dBm 4asu CDMA EvDo 2 bars 3G,,Call completed; voice clear	44.9681	-70.731557	Clear Voice	2	No
46	88	Verizon	-98dBm 42asu 4 bars 4G LTE,,Call completed; voice clear	44.9681	-70.731557	Clear Voice	4	No
47	144	AT&T	No Signal - No Call	44.896301	-70.550589	No Signal	0	No
47	14	US Cellular	No Signal - No Call	44.896301	-70.550589	No Signal	0	No
47	61	Verizon	No Signal - No Call	44.896301	-70.550589	No Signal	0	No

Sedgwick Exchange

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
1	8	AT&T	-81dBm 14asu HSPA 4 bars 4G,,Call completed; voice clear	44.364366	-68.625553	Clear Voice	4	No
1	49	US Cellular	-71dBm 9 asu 3 bars CDMA EvDo,,Call completed; clear voice	44.364396	-68.625584	Clear Voice	3	No
1	89	Verizon	-79dBm 99asu 1xRTT 5 bars 1X,,Call completed; clear voice	44.364366	-68.625543	Clear Voice	5	No
2	7	AT&T	Town Office,,-113dBm 0asu, 4G, 1 bars HSPA,,Call completed, no drops, minor crackle, voice clear	44.308096	-68.615937	Minor Voice Cracking	1	Yes
2	42	US Cellular	Town Office, Call Failed, would not connect, No signal	44.308136	-68.615937	No Signal	0	Yes
2	83	Verizon	Town Office, Call Failed, no signal	44.308124	-68.615928	No Signal	0	Yes
3	9	AT&T	-79dBm 17asu HSPA 4 bars 4G,,Call completed; voice clear	44.344877	-68.595899	Clear Voice	4	No
3	50	US Cellular	-69dBm 8 asu 3 bars CDMA EvDo,,Call completed; clear voice	44.34486	-68.595863	Clear Voice	3	No
3	90	Verizon	-76dBm 99asu 1xRTT 5 bars 1X,,Call completed; clear voice	44.344874	-68.595922	Clear Voice	5	No
4	10	AT&T	-87dBm 13 asu HSPA 4 bars 4G,,Call completed; clear voice	44.322941	-68.675812	Clear Voice	4	No
4	45	US Cellular	-80dBm 1 asu 1 bar 3G,,Call completed; voice breaking up	44.322821	-68.675682	Minor Voice Cracking	1	No
4	91	Verizon	-90dBm 99asu 1xRTT 3 bars 1X,,Call completed; voice clear	44.322796	-68.675734	Clear Voice	3	No
5	11	AT&T	-102dBm 6asu HSPA+ 2 bars 4G,,Call completed; clear voice	44.304136	-68.674041	Clear Voice	2	No
5	46	US Cellular	-103dBm 99asu 0 bars, network unknown,,Call completed; voice breaking up	44.304203	-68.674068	Poor Call Quality	0	No
5	78	Verizon	-99dBm 99asu 1xRTT 2 bars 1X,,Call Failed; would not dial out	44.304152	-68.674126	No Signal	2	No
6	12	AT&T	-82dBm 16 asu HSPA+ 4bars 4G,,Call completed; clear voice	44.306159	-68.577406	Clear Voice	4	No
6	51	US Cellular	-82dBm 4asu 3 bars CDMA EvDO,,Call completed; clear voice	44.30618	-68.577428	Clear Voice	3	No
6	92	Verizon	-86dBm 99asu 1xRTT 4 bars 1X,,Call completed; clear voice	44.306164	-68.577439	Clear Voice	4	No
7	13	AT&T	-97dBm 8 asu HSPA 3 bars 4G,,Call completed; clear voice	44.323333	-68.570736	Clear Voice	3	No
7	52	US Cellular	-90dBm 4asu 2 bars, unknown network,,Call completed; clear voice	44.323328	-68.570729	Clear Voice	2	No
7	93	Verizon	-87dBm 99asu 1xRTT 3 bars 1X,,Call completed; clear voice	44.323302	-68.570736	Clear Voice	3	No
8	14	AT&T	-86dBm 14 asu HSPA 4 bars 4G,,Call completed; clear voice	44.288454	-68.555281	Clear Voice	4	No
8	53	US Cellular	-72dBm 8 asu CDMA EvDO 4 bars,,Call completed; clear voice	44.288488	-68.55527	Clear Voice	4	No
8	94	Verizon	-97dBm 99asu 1xRTT 3 bars,,Call completed; clear voice	44.288452	-68.555273	Clear Voice	3	No
9	15	AT&T	-80dBm 17asu HSPA 4 bars 4G,,Call completed; clear voice	44.281299	-68.532987	Clear Voice	4	No
9	54	US Cellular	-82dBm 4 asu 3 bars CDMA EvDO,,Call completed; clear voice	44.281339	-68.532983	Clear Voice	3	No
9	95	Verizon	-90dBm 99asu 1xRTT 3 bars 1X,,Call completed; clear voice	44.281293	-68.532996	Clear Voice	3	No
10	16	AT&T	-95dBm 9 asu HSPA+ 3 bars 4G,,Call completed; clear voice	44.263612	-68.522585	Clear Voice	3	No
10	55	US Cellular	-79dBm 4asu CDMA EvDO 2 bars 3G,,Call completed; clear voice	44.263603	-68.522557	Clear Voice	2	No
10	96	Verizon	-93dBm 99asu 1xRTT 3 bars,,Call completed; clear voice	44.263592	-68.522567	Clear Voice	3	No
11	17	AT&T	-90dBm 12 asu HSPA+ 3 bars 4G,,Call completed; clear voice	44.257081	-68.545397	Clear Voice	3	No
11	56	US Cellular	-86dBm 4 asu 2 bars unknown network,,Call completed; clear voice	44.257062	-68.545349	Clear Voice	2	No
11	97	Verizon	-97dBm 99asu 1xRTT 2 bars,,Call completed; clear voice	44.257028	-68.545298	Clear Voice	2	No
12	18	AT&T	-103dBm 5 asu HSPA+ 2 bars 4G LTE,,Call completed; voice clear	44.23638	-68.544587	Clear Voice	2	No
12	57	US Cellular	-93dBm 2 asu 2 bars unknown network,,Call completed; clear voice	44.236358	-68.544577	Clear Voice	2	No
12	98	Verizon	-98dBm 99asu 1xRTT 2 bars,,Call completed; clear voice	44.236391	-68.544592	Clear Voice	2	No
13	19	AT&T	-98dBm 8 asu HSPA+ 2 bars 4G,,Call completed; voice clear	44.230661	-68.532467	Clear Voice	2	No
13	58	US Cellular	-94dBm 2 asu CDMA EvDO 3 bars,,Call completed, clear voice	44.230664	-68.532477	Clear Voice	3	No
13	99	Verizon	-100dBm 99asu 1xRTT 3 bars,,Call completed; clear voice	44.230643	-68.532462	Clear Voice	3	No
14	6	AT&T	-110dBm 28asu 2 bars 4G LTE,,Call failed; would not connect to dial	44.237812	-68.53231	No Signal	2	No
14	59	US Cellular	-91dBm 2 asu CDMA EvDO 1 bar 3G,,Call completed; clearly	44.237821	-68.532285	Clear Voice	1	No
14	100	Verizon	-100dBm 99asu 1xRTT 1 bar,,Call completed, clear voice	44.237794	-68.532302	Clear Voice	1	No
15	20	AT&T	-102 6 asu HSPA+ 2 Bars 4G,,Call completed clearly.	44.24631	-68.532619	Clear Voice	2	No
15	60	US Cellular	-90 4 asu Unknown 2 Bars 3G,,Call completed clearly.	44.246315	-68.532617	Clear Voice	2	No
15	101	Verizon	-94 99 asu 1xRTT 3 Bars 1x,,Call completed clearly.	44.246311	-68.532612	Clear Voice	3	No
16	21	AT&T	-103 5 asu HSPA+ 2 Bars 4G,,Call completed clearly.	44.248704	-68.544028	Clear Voice	2	No
16	61	US Cellular	-96 2 asu Unknown 2 Bars 3G,,Call completed clearly.	44.248666	-68.544038	Clear Voice	2	No
16	102	Verizon	-97 99 asu 1xRTT 2 Bars 1x,,Call completed clearly	44.248698	-68.544015	Clear Voice	2	No
17	22	AT&T	-108 2 asu HSPA+ 1 Bar 4G,,Call completed clearly.	44.252064	-68.563288	Clear Voice	1	No
17	62	US Cellular	-99 1 asu Unknown 1 Bar 3G,,Call completed clearly.	44.25206	-68.563274	Clear Voice	1	No
17	79	Verizon	-99 99 asu 1xRTT 1 Bar 1x,,Call dropped.	44.25208	-68.563296	No Signal	1	No
18	23	AT&T	-97 9 asu HSPA+ 3 Bars 4G,,Call completed clearly.	44.260229	-68.564941	Clear Voice	3	No

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
18	63	US Cellular	-90 4 asu Unknown 2 Bars 3G,,Call completed clearly.	44.260196	-68.564941	Clear Voice	2	No
18	80	Verizon	-100 99 asu 1xRTT 2 Bars 1x,,Call dropped.	44.260193	-68.564937	No Signal	2	No
19	24	AT&T	--95 9 asu HSPA+ 3 Bard 4G,,Call completed clearly.	44.265982	-68.568983	Clear Voice	3	No
19	64	US Cellular	-91 2 asu CDMA - EvDo rev. A 2 Bars 3G,,Call completed clearly.	44.266	-68.569005	Clear Voice	2	No
19	103	Verizon	-97 99 asu 1xRTT 2 Bars 1x,,Call completed clearly.	44.266009	-68.569048	Clear Voice	2	No
20	25	AT&T	-91 7 asu HSPA+ 3 Bard 4G,,Phone call completed clearly.	44.266769	-68.586386	Clear Voice	3	No
20	65	US Cellular	-89 2 asu CDMA - EvDo rev. A 1 Bar 3G,,Call completed clearly	44.266936	-68.586354	Clear Voice	1	No
20	85	Verizon	-96 00 asu 1xRTT 2 Bars 1x,,Call completed but a little choppy.	44.266811	-68.586403	Minor Voice Cracking	2	No
21	26	AT&T	-99 7asu HSPA+ 2 Bars 4G,,Call Completed Clearly	44.277081	-68.608937	Clear Voice	2	No
21	66	US Cellular	-87 2 asu CDMA - EvDo rev. A,,Call completed clearly.	44.277142	-68.609016	Clear Voice	1	No
21	104	Verizon	-97 99 asu 1xRTT 2 Bars 1x,,Call completed clearly	44.277112	-68.608989	Clear Voice	2	No
22	27	AT&T	-101dBm 8asu HSPA+ 2 bars 4G,,Call completed, clear voice	44.285799	-68.62021	Clear Voice	2	No
22	67	US Cellular	-87dBm 2asu CDMA - EvDo rev 2 bars 3G,,Call completed, clear voice	44.285854	-68.620173	Clear Voice	2	No
22	105	Verizon	-98dBm 99asu 1xRTT 2 bars 1x,,Call completed, clear voice	44.28571	-68.620169	Clear Voice	2	No
23	28	AT&T	-100dBm 7asu HSPA 2 bars 4G,,Call completed, clear voice	44.294168	-68.615393	Clear Voice	2	No
23	68	US Cellular	-92dBm 2 asu 2 bars, network unknown,,Call completed, voice clear	44.294229	-68.615381	Clear Voice	2	No
23	106	Verizon	-95dBm 2 asu CDMA 1xRTT 3 bars, roaming,,Call completed, voice clear	44.294101	-68.615443	Clear Voice	3	No
24	29	AT&T	-99dBm 7 asu HSPA+ 2 bars 4G,,Call completed, call clear	44.302892	-68.60886	Clear Voice	2	No
24	69	US Cellular	-95dBm 2 asu CDMA EvDo 1 bar 3G,,Call completed; clear	44.302862	-68.608859	Clear Voice	1	No
24	81	Verizon	-99dBm 1 asu CDMA 1xRTT 2 bars,,Call failed; could not connect	44.302888	-68.608886	No Signal	2	No
25	30	AT&T	Post Office,,-97dBm 8 asu, 3 bars 4G, HSPA,,Call completed, no static or dops	44.30385	-68.621312	Clear Voice	3	Yes
25	44	US Cellular	-101dBm 0asu, 0 bars,,Call completed; minor voice crackling, no drop outs	44.303837	-68.621326	Minor Voice Cracking	0	Yes
25	84	Verizon	Post Office,,-99dBm 1 asu, 2 bar, CDMA 1xRTT roaming,,Call completed, minor crackling, no drops	44.303849	-68.621326	Minor Voice Cracking	2	Yes
26	31	AT&T	-104dBm 5asu, 4G, 2 bars HSPA,,Call completed, no drops or static	44.310456	-68.614225	Clear Voice	2	No
26	43	US Cellular	Call failed, -117dBm 0 asu, no bars	44.310583	-68.61425	No Signal	0	No
26	82	Verizon	Call failed, 25 seconds into call became choppy, then disconnected,,-103dBm 0 asu, 1 bars, CDMA 1xRTT roaming	44.310528	-68.614199	Poor Call Quality	1	No
27	32	AT&T	-86dBm 14asu, 4G, 4bars HSPA,,Call completed, no drops or static	44.317028	-68.611638	Clear Voice	4	No
27	70	US Cellular	-86dBm 4asu, 3 bars CDMA EvDo,,Call completed; no static, no drop outs	44.316913	-68.611648	Clear Voice	3	No
27	107	Verizon	-85dBm 4 asu, 4 bars, CDMA 1xRTT roaming,,Call completed, no static, no drops	44.316977	-68.611635	Clear Voice	4	No
28	33	AT&T	-90dBm 12asu, 4G, 4bars,,Call completed, no drops or static	44.318847	-68.626331	Clear Voice	4	No
28	71	US Cellular	-99dBm 1asu, 3 bars CDMA EvDo,,Call completed; no static, no drop outs	44.318807	-68.626256	Clear Voice	3	No
28	108	Verizon	-87dBm 4 asu, 4 bars, CDMA 1xRTT roaming,,Call completed, no static, no drops	44.318847	-68.626297	Clear Voice	4	No
29	34	AT&T	-101dBm 38asu, 4G, 4bars LTE,,Call completed, no drops or static	44.315022	-68.637987	Clear Voice	4	No
29	72	US Cellular	-80dBm 8asu, 3 bars CDMA EvDo,,Call completed; no static, no drop outs	44.315162	-68.63802	Clear Voice	3	No
29	109	Verizon	-83dBm 4 asu, 4 bars, CDMA 1xRTT roaming,,Call completed, no static, no drops	44.315068	-68.63802	Clear Voice	4	No
30	35	AT&T	-83dBm 16asu, 4G, 4bars HSPA,,Call completed, no drops or static	44.299424	-68.635644	Clear Voice	4	No
30	73	US Cellular	-84dBm 4asu, 3 bars CDMA EvDo,,Call completed; no static, no drop outs	44.299376	-68.635601	Clear Voice	3	No
30	113	Verizon	-87dBm 4 asu, 3 bars, CDMA 1xRTT roaming,,Call completed, no static, no drops	44.299372	-68.635603	Clear Voice	3	No
31	36	AT&T	-93dBm 47asu, 4G, 3 bars LTE,,Call completed, no drops or static	44.295642	-68.648486	Clear Voice	3	No
31	74	US Cellular	-98dBm 21asu, 1 bar CDMA EvDo,,Call completed; no static, no drop outs	44.29575	-68.648452	Clear Voice	1	No
31	110	Verizon	-89dBm 4 asu, 3 bars, CDMA 1xRTT roaming,,Call completed, no static, no drops	44.295737	-68.648434	Clear Voice	3	No
32	37	AT&T	-89dBm 12asu, 4G, 3 bars HSPA,,Call completed, no drops or static	44.290236	-68.632984	Clear Voice	3	No
32	75	US Cellular	-95dBm 2asu, 2 bar CDMA EvDo,,Call completed; no static, no drop outs	44.290171	-68.633076	Clear Voice	2	No
32	111	Verizon	-94dBm 2 asu, 3 bars, CDMA 1xRTT roaming,,Call completed, no static, no drops	44.290204	-68.63303	Clear Voice	3	No
33	38	AT&T	-102dBm 6asu, 4G, 2 bars HSPA+,,Call completed, no drops or static	44.303324	-68.625408	Clear Voice	2	No
33	76	US Cellular	-92dBm 4asu, 2 bar CDMA EvDo,,Call completed; no static, no drop outs	44.303348	-68.625391	Clear Voice	2	No
33	88	Verizon	-95dBm 2 asu, 3 bars, CDMA 1xRTT roaming,,Call completed, no static, no drops	44.303348	-68.625391	Clear Voice	3	No
34	39	AT&T	-107dBm 3asu, 4G, 1 bar HSPA+,,Call completed, no drops or static	44.304227	-68.620466	Clear Voice	1	No
34	47	US Cellular	-100dBm 2asu, 1 bar CDMA EvDo,,Call completed; minor voice crackling, no drop outs	44.304208	-68.62051	Minor Voice Cracking	1	No
34	86	Verizon	-98dBm 1 asu, 2 bar, CDMA 1xRTT roaming,,Call completed, minor crackling, no drops	44.304219	-68.620482	Minor Voice Cracking	2	No
35	40	AT&T	-103dBm 36asu, 4G LTE, 3 bars,,Call completed, no drops or static	44.305707	-68.616127	Clear Voice	3	No
35	48	US Cellular	-100dBm 1asu, 1 bar CDMA EvDo,,Call completed; minor voice crackling, no drop outs	44.305673	-68.616049	Minor Voice Cracking	1	No

Test Site	Call No.	Carrier	Signal & Voice Quality	Latitude	Longitude	Call Quality	Reception Bars	Indoor
35	87	Verizon	-101dBm 1 asu, 1 bar, CDMA 1xRTT roaming,,Call completed, minor crackling, no drops	44.305684	-68.616082	Minor Voice Cracking	1	No
36	41	AT&T	-92dBm 42asu 4G LTE, 5 bars,,Call completed, no drops or static	44.304181	-68.612316	Clear Voice	5	No
36	77	US Cellular	-97dBm 2asu, 1 bar of 3G,,Phone Call Completed; 2 minute call with no drops or static	44.304181	-68.612316	Clear Voice	1	No
36	112	Verizon	-92dbm 2asu, 3 bars 1X CDMA 1xRTT (roaming),Call completed, no drop outs or static	44.304199	-68.612279	Clear Voice	3	No
37	0	Verizon	-103dBm 99asu CDMA 1xRTT 2 bars, call completed; voice clear,	44.34246	-68.673818	Clear Voice	2	No
38	0	Verizon	-84dBm 4asu CDMA 1xRTT 4 bars, call completed; voice clear,	44.35947	-68.663068	Clear Voice	4	No
39	0	Verizon	-93dBm 2asu CDMA 1xRTT 3 bars (roamining), call completed; voice clear	44.368038	-68.657034	Clear Voice	3	No
40	0	Verizon	-105dBm 99ASU CDMA 1xRTT 1 bar, call completed; minor voice cracking,	44.380445	-68.660805	Minor Voice Cracking	1	No
41	0	Verizon	-82dBm 8ASU CDMA 1xRTT 4 bars, call completed; voice clear	44.386629	-68.663342	Clear Voice	4	No
42	0	Verizon	-112dBm 23ASU 4G LTE 2 bars, call completed; voice breaking a few times throughout call	44.38272	-68.647577	Minor Voice Cracking	2	No
43	0	Verizon	-96dBm 1asu CDMA 1xRTT 1 bar, call completed; voice clear,	44.376896	-68.640439	Clear Voice	1	No
48	0	AT&T	-101dBm 39asu LTE 4G 3 bars, call completed; voice clear	44.34246	-68.673818	Clear Voice	3	No
48	0	US Cellular	-95dBm 2asu CDMA 1xRTT 2 bars, call completed; voice clear	44.34246	-68.673818	Clear Voice	2	No
49	0	AT&T	-97dBm 42asu LTE 4G 3 bars, call completed; voice clear	44.35947	-68.663068	Clear Voice	3	No
49	0	US Cellular	-81dBm 8asu CDMA 1xRTT 3 bars, call completed; voice clear	44.35947	-68.663068	Clear Voice	3	No
50	0	AT&T	-108dBm 30ASU LTE 4G 2 bars, call completed; voice clear	44.368038	-68.657034	Clear Voice	2	No
50	0	US Cellular	-91dBm 2asu CDMA 1xRTT 2 bars, call completed; voice clear	44.368038	-68.657034	Clear Voice	2	No
51	0	AT&T	-101dBm 39ASU 4G LTE 3 bars, call completed; voice clear	44.380445	-68.660805	Clear Voice	3	No
51	0	US Cellular	-96dBm 2ASU CDMA 1xRTT 2 bars, call completed; voice clear	44.380445	-68.660805	Clear Voice	2	No
52	0	AT&T	-94dBm 46ASU 4G LTE 4 bars, call completed; voice clear	44.386629	-68.663342	Clear Voice	4	No
52	0	US Cellular	-86dBm 4asu CDMA 1xRTT 3 bars, call completed; voice clear	44.386629	-68.663342	Clear Voice	3	No
53	0	AT&T	-95dBm 43ASU 4G LTE 3 bars, call completed; voice clear	44.38272	-68.647577	Clear Voice	4	No
53	0	US Cellular	-87dBm 4ASU CDMA 1xRTT 2 bars, call completed; minor voice breaking	44.38272	-68.647577	Minor Voice Cracking	3	No
54	0	AT&T	-96dBm 44asu 4G LTE 3 bars; call completed, voice clear	44.376896	-68.640439	Clear Voice	3	No
54	0	US Cellular	-96dBm 1asu CDMA 1xRTT 1 bar, call completed; voice clear	44.376896	-68.640439	Clear Voice	1	No