CONSOLIDATED SPECTRUM SERVICES

231 SAGAMORE ROAD
GILFORD, N.H. 03249
PHONE/FAX: (603) - 293 - 0002
Email: Sales@FCC1.biz

NO RESPONSE REQUIRED – RECEIVE ONLY EARTH STATION

May 29, 2018

PROSPECTIVE LICENSEE – SKYLINE TOWER LLC

A radio frequency interference study has been conducted for the proposed system. Our analysis indicates that this proposal satisfies industry accepted interference criteria. Pursuant to parts 25 & 101 of the FCC Rules and Regulations, the technical parameters of this system are enclosed for your examination and review.

Should your review of this notice reflect a potential conflict, please notify us by e-mail at: sales@FCC1.biz or in writing at your earliest possible convenience. If a response is not received by the date specified above, we will assume that you have no objections to this proposal.

Please send all responses to this coordination to:

CONSOLIDATED SPECTRUM SERVICES
231 SAGAMORE ROAD
GILFORD, NH 03249

Please note that this letter is being sent to all licensees and/or their agents within 150 miles of the proposed system.

If the person listed on the envelope is no longer employed by you, please forward to the person in charge of radio communications.

Respectfully,

Howard Epstein

Howard Epstein,
President

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EXHIBIT 2 A – EARTH STATION DATA

File: C1814506 May 29, 2018

TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

Company:		SKYLINE TOWER LLC.	
Site Name, State:		Skyline Tower Site, OR	
Call Sign:			
Latitude	(NAD83)	45 31 20.1 N	
Longitude	(NAD83)	122 44 46.3 W	
Elevation AMSL	(ft/m)	1114.50	339.70
Receive Frequency Range	(MHz)	3700.00	4200.00
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	70	135
Range of Azimuths from North	(deg)	118.49	196.93
Antenna Centerline	(ft/m)	8.20	2.50
Antenna Elevation Angles	(deg)	16.79	36.21
Equipment Parameters		3.95 GHz	
Antenna Gain, Main Beam	(dbI)	43.90	
15 DB Half Beamwidth	(deg)	1.10	
Antennas	Receive: D H SATELLITE 4.5 METER		
Max Transmitter Power	(dbW/4KHz)		

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EXHIBIT 2 B – EARTH STATION DATA

File: C1814506 May 29, 2018

Equipment Parameters (Continued) 3.95 GHz

Max EIRP Main Beam (dbW/4KHz)

Modulation / Emission Designator Digital 36M0G7W

Coordination Parameters 3.95 GHz

Max Greater Circle Distances (km) 319.19

Max Rain Scatter Distances (km) 279.24

Max Interference Power Long Term (dbW) -140.60

Max Interference Power Short Term (dbW) -118.40

Rain Zone / Radio Zone 3 A

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Horizon Angle Horizon Gain Final Contour - 3.95 GHz RECEIVE ONLY

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Latitude (NAD83) 45 31 20.1 N Longitude (NAD83) 122 44 46.3 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	-13.59	247.3	180	0.00	-7.51	262.1
5	0.00	-11.22	247.3	185	0.00	-7.46	263.1
10	0.00	-8.45	247.3	190	0.00	-7.29	264.8
15	0.00	-6.00	247.3	195	0.00	-7.16	267.1
20	0.00	-6.00	247.3	200	0.00	-7.17	270.2
25	0.00	-7.33	247.3	205	0.00	-7.35	274.0
30	0.00	-10.00	247.3	210	0.00	-7.67	279.6
35	0.00	-10.00	247.3	215	0.00	-8.12	286.7
40	0.00	-10.00	247.3	220	0.00	-8.69	295.1
45	0.00	-10.00	247.3	225	0.10	-9.34	305.2
50	0.00	-10.00	247.3	230	0.06	-10.00	314.3

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EXHIBIT 2 D – EARTH STATION DATA

File: C1814506 May 29, 2018

Horizon Angle	Horizon Gain		Final Contour	-	3.95 GHz RECEIVE ONLY (CONTINUED)		
55	0.00	-10.00	247.3	235	0.00	-10.00	319.2
60	0.00	-10.00	247.3	240	0.22	-10.00	301.3
65	0.00	-10.00	247.3	245	0.00	-10.00	311.1
70	0.00	-10.00	247.3	250	0.00	-10.00	301.0
75	0.00	-9.74	247.3	255	0.00	-10.00	289.9
80	0.00	-8.53	247.3	260	0.00	-10.00	279.0
85	0.00	-7.36	247.3	265	0.00	-10.00	270.1
90	0.00	-6.21	247.3	270	0.00	-10.00	262.7
95	0.00	-4.98	247.3	275	0.00	-10.00	255.9
100	0.00	-3.58	247.3	280	0.00	-10.00	249.7
105	0.00	-2.35	247.3	285	0.00	-10.00	247.3
110	0.00	-1.37	247.3	290	0.15	-8.09	247.3
115	0.00	-0.78	247.3	295	1.40	-6.00	177.8
120	0.00	-0.68	247.3	300	2.58	-6.00	149.0
125	0.00	-1.09	247.9	305	3.66	-6.00	128.7
130	0.00	-1.93	251.7	310	4.75	-6.96	114.6
135	0.00	-2.98	255.1	315	5.44	-9.19	107.7
140	0.00	-3.97	258.2	320	6.47	-10.89	100.0
145	0.00	-4.90	260.8	325	7.11	-12.44	100.0
150	0.00	-5.67	262.8	330	7.16	-14.12	100.0
155	0.00	-6.20	263.8	335	6.94	-15.33	100.0
160	0.00	-6.66	264.0	340	6.07	-16.07	101.6
165	0.00	-7.03	263.1	345	4.55	-16.87	116.5
170	0.00	-7.29	262.1	350	2.76	-16.11	145.6
175	0.00	-7.46	261.8	355	1.03	-15.31	188.5