

DELAWDER COMMUNICATIONS, INC.

6658 General Washington Drive, Suite A218
Alexandria, Virginia 22312

Engineering Report

DeLawder Communications, Inc. (“DCI”) has been retained by ITFS/2.5 GHz Mobile Wireless Engineering & Development Alliance, Inc. (“IMWED”) to conduct engineering studies to determine the amount of new or increased co-channel interference caused to “geographic services areas” (GSAs) of nearby markets by facilities of a downstream video/data service that must be relocated from its current site by more than one mile. The interference caused by a site change within a single urbanized market has been examined for this purpose.

Two potentially new sites are separately examined for the market; and the co-channel interference results caused by the facilities of each site are reported below.

Background:

For facility changes made to an undesired station, new co-channel interference is considered to exist to any point within a desired station’s GSA if: (a) that point is predicted to receive a line-of-sight (LOS) path from the undesired station’s transmit antenna that did not previously exist from the current authorized ITFS station’s transmit antenna; (b) the required co-channel desired-to-undesired (D/U) ratio is not met; and (c) any required minimum desired and undesired signal strength levels at the point are met. Increased co-channel interference is considered to exist if the currently authorized ITFS station’s causes interference to a point within a desired station’s GSA and the changes to the undesired station causes the current D/U ratio to be decreased to that point. For this study, D/U ratios of 38 dB (for analog precision frequency-offset) and 32 dB (for digital transmission) are used as the co-channel protection standards. Also, should the undesired signal level falls below -106.2 dBmW (the 6-MHz noise floor) or if the desired signal level is predicted to be below -80.0 dBmW, no interference is considered to occur at that point. The use of GSAs and the above interference standards are derived from the “White Paper” submitted to the Commission by the Wireless Communications Association International, the National ITFS Association, and the Catholic Television Network on October 7, 2002.

Software that uses the current Appendix D methodology (with the adjusted 32 dB and 38 dB D/U ratio values) has been used for all studies of this report.

An currently-licensed ITFS station serving this urban market was chosen as the undesired station. There are five adjacent-market co- channel stations located within 100 miles of the of the selected ITFS facility (representing a modest number of co-channel stations that require study for an urban area). Two new sites were chosen as possible “new transmitter sites” for the undesired station. The first new site (Site 1) is located 3.8 kilometers from the existing ITFS site; and, the second new site (Site 2) is located 7.3 kilometers from the existing ITFS site.

With the obvious exception of the coordinates, the undesired transmit parameters used at proposed Sites 1 and 2 are identical to the transmit facilities currently licensed to the undesired ITFS station (i.e., same EIRP, polarization, transmit antenna type and antenna height above ground level). The ground elevation at Site 1 is approximately 4 meters lower than at the current authorized ITFS transmitter site; and the ground elevation at Site 2 is approximately 13 meters higher.

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Interference Studies:

The desired station's GSA was gridded in accordance with the methodology prescribed in Appendix D of the Two-Way Report and Order and a series of calculations were conducted to each of the grid points within the desired station's GSA to determine if 1) LOS from the undesired station's transmit antenna existed; and if LOS did exist, 2) the following calculations of three signal strengths were performed to each LOS point:

- 1) the desired station (shown in Column 4 on the attached Tables);
- 2) the proposed undesired station (shown in Column 5); and,
- 3) the existing undesired station (shown in Column 8).

If, after comparing these three signal strengths, a study (or grid) point is adequately protected the study line on the table is not highlighted signifying it is protected to either an D/U ratio of 32 or 38 dB. If, after comparing the three signals, the proposed undesired signal causes a reduction in the current D/U ratio the study line is highlighted in blue -- indicating increased interference is predicted to occur to that particular study point. Finally, if the study line is highlighted in yellow this indicates that there is no existing undesired signal to the study point and that the proposed undesired station meets the required D/U protection ratio of either 32 or 38 dB (no interference occurs).

The Geographic Area of Interference:

Below are charts calculating the percentage of area in which new or increased interference occurred to each of the desired station's GSA from proposed Sites 1 and 2:

Proposed New Site 1(using 38 dB D/U ratio for precision frequency-offset)

	Number of Grid Points Within the GSA	Number of Interference Grid Points (New or Increased	Percentage GSA Area Predicted to Experience New and Increased Interference
to Desired #1	3913	0	0.000
Desired #2	4378	5	0.114
Desired #3	3421	0	0.000
Desired #4	3311	0	0.000
Desired #5	3226	520	16.305

Proposed New Site 1 (using 32 dB D/U ratio protection for digital transmission)

	Number of Grid Points Within the GSA s	Number of Interference Grid Points (New or Increased	Percentage GSA Area Predicted to Experience New and Increased Interference
to Desired #1	3913	0	0.000
Desired #2	4378	5	0.114
Desired #3	3421	0	0.000
Desired #4	3311	0	0.000
Desired #5	3226	520	16.305

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Proposed Site New 2 (using 38 dB D/U ratio for precision frequency-offset)

	Number of Grid Points Within the GSA	Number of Interference Grid Points (New or Increased)	Percentage GSA Area Predicted to Experience New and Increased Interference
to Desired #1	3913	4	0.102
Desired #2	4378	1	0.023
Desired #3	3421	0	0.000
Desired #4	3311	0	0.000
Desired #5	3226	350	10.849

Proposed Site 2 (using 32 dB D/U ratio protection for digital)

	Number of Grid Points Within the GSA s	Number of Interference Grid Points (New or Increased)	Percentage GSA Area Predicted to Experience New and Increased Interference
to Desired #1	3913	1	0.026
Desired #2	4378	1	0.023
Desired #3	3421	0	0.000
Desired #4	3311	0	0.000
Desired #5	3226	350	10.849

The above information is true and accurate to the best of my knowledge.

Respectfully submitted

Darryl K. DeLawder, President
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October 23, 2003

TABLE 1-1												
Co-Channel Interference Analysis												
			Desired Station:	Desired Station 1								
			Facs:	Transmit Antenna 1 of 1								
			Undesired Station:	Proposed Site 1								
			Facs:	Downstream Service								
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
				<i>PROPOSED</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
1			-73.83	-104.98	31.1476	NO	-101.88	28.0499	YES	NO	YES	
2			-78.59	-104.9	26.3183	NO	-101.81	23.2199	YES	NO	YES	
3			-65.82	-103.86	38.034	NO	-102.72	36.8943	YES	NO	YES	
16			-60.8	-103.48	42.6778	NO	-103.07	42.275	YES	NO	YES	
17			-72.04	-105.38	33.3352	NO	-104.99	32.9439	YES	NO	YES	
24			-65.34	-104.44	39.0913	NO	-103.27	37.9229	YES	NO	YES	
25			-58.76	-101.37	42.6087	NO	-100.7	41.9377	YES	NO	YES	
32			-65.04	-105.39	40.3548	NO	-104.22	39.1852	YES	NO	YES	
33			-58.05	-102.4	44.3555	NO	-102.01	43.9632	YES	NO	YES	
41			-58.61	-102.31	43.7041	NO	-106.31	47.6951	NO	NO	NO	
49			-53.89	-98.44	44.5579	NO	-98.51	44.6246	NO	NO	NO	
50			-57.76	-103.63	45.8663	YES	-103.23	45.4711	YES	NO	YES	
58			-59.92	-104.95	45.0341	YES	-102.63	42.7132	YES	NO	YES	
59			-50.08	-98.75	48.6698	YES	-96.51	46.427	YES	NO	YES	
79			-50.33	-98.48	48.15	YES	-98.94	48.6108	NO	NO	YES	
90			-45.4	-103.34	57.9431	YES	-102.67	57.2751	YES	NO	YES	

TABLE 1-3												
Co-Channel Interference Analysis												
		Desired Station:		Desired Station 3								
		Facs:		Transmit Antenna 1 of 1								
		Undesired Station:		Proposed Site 1								
		Facs:		Downstream Service								
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	<u>N LAT</u>	<u>W LON</u>	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
All study points adequately protected based on Notice of Proposed Rulemaking												

TABLE 1-4												
Co-Channel Interference Analysis												
		Desired Station:		Desired Station 4								
		Facs:		Transmit Antenna 1 of 1								
		Undesired Station:		Proposed Site 1								
		Facs:		Downstream Service								
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
802			-55.85	-106.05	50.203	YES	-107.34	51.4945	NO	NO	YES	
774			-55.55	-106.02	50.4749	YES	-106.84	51.2879	NO	NO	YES	
827			-56.22	-106.01	49.7834	YES	-107.77	51.5464	NO	NO	YES	
67			-54.66	-105.88	51.2181	YES	-105.16	50.4952	YES	NO	YES	
74			-73.19	-105.85	32.656	NO	-105.58	32.3898	YES	NO	YES	
775			-55.66	-105.82	50.1579	YES	-106.18	50.5186	NO	NO	YES	
777			-55.94	-105.79	49.8561	YES	-105.4	49.4654	YES	NO	YES	
776			-55.79	-105.76	49.964	YES	-105.73	49.9402	YES	NO	YES	
803			-55.93	-105.72	49.7813	YES	-106.55	50.6118	NO	NO	YES	
828			-56.31	-105.55	49.2457	YES	-106.83	50.5265	NO	NO	YES	
804			-56.04	-105.5	49.4617	YES	-105.88	49.8384	NO	NO	YES	
805			-56.16	-105.43	49.2666	YES	-105.42	49.2567	YES	NO	YES	

TABLE 1-5 Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 1									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			PROPOSED	EXISTING		Is	UNDESIRE		Existing	Proposed	Study Pt.	
			DESIRED	UNDESIRE		Is	UNDESIRE		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
2			-64.3	-82.19	17.8878	NO	-82.76	18.4553	NO	NO	NO	0.5675
3			-64.07	-82.17	18.0984	NO	-82.73	18.6588	NO	NO	NO	0.5604
4			-65.26	-83.08	17.8218	NO			NO	NO	NO	
7			-65.12	-78.88	13.7616	NO	-79.51	14.3868	NO	NO	NO	0.6252
8			-65.1	-78.92	13.8268	NO	-79.56	14.4657	NO	NO	NO	0.6389
9			-65.05	-79.18	14.1231	NO	-80.2	15.1498	NO	NO	NO	1.0267
11			-64.87	-79.13	14.2666	NO	-79.59	14.7281	NO	NO	NO	0.4615
12			-64.84	-79.24	14.3983	NO	-80.09	15.2428	NO	NO	NO	0.8445
13			-64.8	-79.35	14.5533	NO	-80.77	15.9738	NO	NO	NO	1.4205
14			-64.74	-79.55	14.8138	NO	-81.08	16.3437	NO	NO	NO	1.5299
15			-64.68	-79.74	15.0573	NO	-81.11	16.4281	NO	NO	NO	1.3708
16			-64.76	-82.66	17.9089	NO	-83.08	18.324	NO	NO	NO	0.4151
17			-68.31	-79.44	11.1308	NO	-79.89	11.5807	NO	NO	NO	0.4499
18			-64.58	-79.41	14.8287	NO	-80.46	15.8768	NO	NO	NO	1.0481
19			-64.54	-79.55	15.0122	NO	-81.11	16.5708	NO	NO	NO	1.5586
20			-64.48	-79.81	15.3368	NO	-81.31	16.8353	NO	NO	NO	1.4985
21			-64.42	-80.35	15.9311	NO	-81.76	17.3445	NO	NO	NO	1.4134
22			-64.38	-80.51	16.1346	NO	-81.94	17.5602	NO	NO	NO	1.4256
23			-64.34	-80.73	16.3893	NO	-82.05	17.7094	NO	NO	NO	1.3201
25			-64.36	-79.61	15.2494	NO	-80.05	15.6875	NO	NO	NO	0.4381
26			-64.31	-79.75	15.4404	NO	-80.33	16.0193	NO	NO	NO	0.5789
27			-64.27	-80.81	16.546	NO	-81.49	17.2293	NO	NO	NO	0.6833
28			-64.21	-80.1	15.891	NO	-81.56	17.3501	NO	NO	NO	1.4591
29			-64.15	-81.13	16.9858	NO	-82.75	18.6066	NO	NO	NO	1.6208
30			-64.11	-81.45	17.3495	NO	-82.78	18.6741	NO	NO	NO	1.3246
31			-64.07	-81.3	17.2269	NO	-82.87	18.7961	NO	NO	NO	1.5692
32			-64.06	-81.36	17.3026	NO	-82.82	18.7574	NO	NO	NO	1.4548

TABLE 1-5 Co-Channel Interference Analysis												
		Desired Station:		Desired Station 5								
		Facs:		Transmit Antenna 1 of 2								
		Undesired Station:		Proposed Site 1								
		Facs:		Downstream Service								
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
33			-64.04	-81.41	17.3654	NO	-83.03	18.9865	NO	NO	NO	1.6211
34			-64.08	-81.59	17.5083	NO	-83.15	19.0619	NO	NO	NO	1.5536
35			-64.13	-83.31	19.1808	NO	-83.73	19.5971	NO	NO	NO	0.4163
36			-64.03	-85.36	21.3299	NO	-86.17	22.1339	NO	NO	NO	0.804
37			-63.93	-80.54	16.6097	NO	-80.99	17.0658	NO	NO	NO	0.4561
38			-63.87	-82.24	18.37	NO	-83.32	19.4508	NO	NO	NO	1.0808
39			-63.83	-82.15	18.3251	NO	-83.4	19.576	NO	NO	NO	1.2509
40			-63.79	-82.42	18.6302	NO	-83.9	20.1062	NO	NO	NO	1.476
41			-63.78	-82.43	18.6512	NO	-84.05	20.2642	NO	NO	NO	1.613
42			-63.77	-81.93	18.1579	NO	-83.52	19.7501	NO	NO	NO	1.5922
43			-63.78	-82.19	18.4032	NO	-83.61	19.8251	NO	NO	NO	1.4219
44			-63.84	-81.63	17.792	NO	-83.15	19.3156	NO	NO	NO	1.5236
45			-63.86	-80.78	16.9225	NO	-82.34	18.4766	NO	NO	NO	1.5541
46			-63.7	-82.33	18.6335	NO	-82.89	19.1911	NO	NO	NO	0.5576
47			-63.64	-81.95	18.3083	NO	-83.01	19.375	NO	NO	NO	1.0667
48			-63.58	-82.49	18.917	NO	-83.69	20.117	NO	NO	NO	1.2
49			-63.54	-82.89	19.357	NO	-84.02	20.4879	NO	NO	NO	1.1309
50			-63.51	-82.8	19.2929	NO	-84.3	20.7895	NO	NO	NO	1.4966
51			-63.5	-82.99	19.4929	NO	-84.57	21.0726	NO	NO	NO	1.5797
52			-63.48	-82.86	19.3752	NO	-84.38	20.9001	NO	NO	NO	1.5249
53			-63.5	-82.06	18.559	NO	-83.48	19.9722	NO	NO	NO	1.4132
54			-63.52	-81.82	18.3011	NO	-83.32	19.8009	NO	NO	NO	1.4998
55			-63.57	-81.42	17.8575	NO	-82.9	19.3319	NO	NO	NO	1.4744
56			-63.64	-81.32	17.6791	NO	-82.84	19.2025	NO	NO	NO	1.5234
57			-63.71	-80.62	16.9108	NO	-82.18	18.4699	NO	NO	NO	1.5591
58			-63.4	-85.66	22.2595	NO	-86.26	22.8661	NO	NO	NO	0.6066
59			-63.34	-83.78	20.4407	NO	-84.98	21.6396	NO	NO	NO	1.1989

TABLE 1-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 1									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
60			-63.28	-82.74	19.4625	NO	-83.69	20.4145	NO	NO	NO	0.952
61			-63.24	-84.47	21.2331	NO	-85.63	22.3922	NO	NO	NO	1.1591
62			-63.21	-82.92	19.7151	NO	-84.54	21.33	NO	NO	NO	1.6149
63			-63.2	-83.25	20.0533	NO	-84.87	21.6691	NO	NO	NO	1.6158
64			-63.19	-83.06	19.8638	NO	-84.49	21.3025	NO	NO	NO	1.4387
65			-63.21	-82.28	19.0697	NO	-83.78	20.568	NO	NO	NO	1.4983
66			-63.24	-82.45	19.2136	NO	-83.93	20.6923	NO	NO	NO	1.4787
67			-63.29	-82.02	18.7298	NO	-83.44	20.1587	NO	NO	NO	1.4289
68			-63.35	-81.97	18.6148	NO	-83.47	20.1176	NO	NO	NO	1.5028
69			-63.44	-81.6	18.1567	NO	-83	19.556	NO	NO	NO	1.3993
70			-63.57	-81.05	17.4885	NO	-82.49	18.9231	NO	NO	NO	1.4346
71			-63.67	-80.79	17.1266	NO	-82.26	18.5923	NO	NO	NO	1.4657
72			-63.03	-86.41	23.3838	NO	-87.35	24.3252	NO	NO	NO	0.9414
73			-62.97	-85.14	22.1711	NO	-86.41	23.4427	NO	NO	NO	1.2716
74			-62.93	-85.31	22.3766	NO	-86.46	23.5357	NO	NO	NO	1.1591
75			-62.9	-83.51	20.6103	NO	-85.15	22.2494	NO	NO	NO	1.6391
76			-62.9	-83.5	20.6033	NO	-84.84	21.9476	NO	NO	NO	1.3443
77			-62.89	-82.94	20.0488	NO	-84.41	21.5237	NO	NO	NO	1.4749
78			-62.92	-83.47	20.5564	NO	-84.94	22.0289	NO	NO	NO	1.4725
79			-62.94	-83.02	20.0835	NO	-84.29	21.3453	NO	NO	NO	1.2618
80			-63	-82.19	19.193	NO	-83.7	20.7011	NO	NO	NO	1.5081
81			-63.07	-82.45	19.3769	NO	-83.94	20.8703	NO	NO	NO	1.4934
82			-63.16	-81.91	18.743	NO	-83.4	20.2401	NO	NO	NO	1.4971
83			-63.29	-81.61	18.3178	NO	-83.04	19.7456	NO	NO	NO	1.4278
84			-63.43	-81.36	17.9238	NO	-82.68	19.2473	NO	NO	NO	1.3235
85			-63.59	-81.11	17.5218	NO	-82.37	18.7829	NO	NO	NO	1.2611
86			-63.78	-80.89	17.1152	NO	-82.13	18.3506	NO	NO	NO	1.2354

TABLE 1-5 Co-Channel Interference Analysis												
		Desired Station:		Desired Station 5								
		Facs:		Transmit Antenna 1 of 2								
		Undesired Station:		Proposed Site 1								
		Facs:		Downstream Service								
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
87			-62.61	-86.84	24.2282	NO	-87.71	25.0975	NO	NO	NO	0.8693
88			-62.58	-84.11	21.5256	NO	-85.44	22.8606	NO	NO	NO	1.335
89			-62.58	-83.55	20.97	NO	-84.88	22.3017	NO	NO	NO	1.3317
90			-62.58	-82.77	20.191	NO	-84.35	21.7688	NO	NO	NO	1.5778
91			-62.61	-82.9	20.2987	NO	-84.44	21.8309	NO	NO	NO	1.5322
92			-62.64	-82.24	19.6028	NO	-83.86	21.228	NO	NO	NO	1.6252
93			-62.7	-81.69	18.9942	NO	-83.23	20.5299	NO	NO	NO	1.5357
94			-62.78	-81.84	19.0595	NO	-83.3	20.523	NO	NO	NO	1.4635
95			-62.88	-81.9	19.0228	NO	-83.3	20.4187	NO	NO	NO	1.3959
96			-63.01	-82.29	19.275	NO	-83.63	20.6167	NO	NO	NO	1.3417
97			-63.16	-82.04	18.8848	NO	-83.34	20.184	NO	NO	NO	1.2992
98			-63.32	-81.81	18.4865	NO	-83.1	19.7727	NO	NO	NO	1.2862
99			-63.52	-81.6	18.0823	NO	-82.88	19.3544	NO	NO	NO	1.2721
100			-63.75	-81.84	18.0908	NO	-82.98	19.2332	NO	NO	NO	1.1424
101			-63.99	-81.61	17.6226	NO	-82.8	18.8143	NO	NO	NO	1.1917
102			-64.13	-81.31	17.1754	NO	-82.56	18.4299	NO	NO	NO	1.2545
103			-62.27	-87.52	25.2426	NO	-88.53	26.2599	NO	NO	NO	1.0173
104			-62.25	-82.89	20.6365	NO	-84.4	22.148	NO	NO	NO	1.5115
105			-62.25	-82.17	19.9164	NO	-83.77	21.5205	NO	NO	NO	1.6041
106			-62.25	-82.01	19.759	NO	-83.53	21.2735	NO	NO	NO	1.5145
107			-62.25	-81.89	19.6444	NO	-83.04	20.7894	NO	NO	NO	1.145
108			-62.3	-81.78	19.4816	NO	-82.91	20.6118	NO	NO	NO	1.1302
109			-62.38	-81.66	19.2815	NO	-83.21	20.8286	NO	NO	NO	1.5471
110			-62.48	-81.58	19.1053	NO	-83.04	20.5684	NO	NO	NO	1.4631
111			-62.61	-81.9	19.2861	NO	-83.32	20.7129	NO	NO	NO	1.4268
112			-62.76	-82.36	19.6004	NO	-83.7	20.9433	NO	NO	NO	1.3429
113			-62.92	-82.73	19.8117	NO	-84.01	21.0906	NO	NO	NO	1.2789

TABLE 1-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 1									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			PROPOSED	EXISTING			EXISTING		Existing	Proposed	Study Pt.	
			DESIRED	UNDESIRED		Is	UNDESIRED		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
114			-63.05	-82.51	19.4557	NO	-83.77	20.7192	NO	NO	NO	1.2635
115			-63.26	-82.72	19.464	NO	-83.91	20.6534	NO	NO	NO	1.1894
116			-63.49	-82.55	19.0631	NO	-83.73	20.2394	NO	NO	NO	1.1763
117			-63.74	-82.21	18.4707	NO	-83.45	19.7101	NO	NO	NO	1.2394
118			-64.02	-81.9	17.8728	NO	-83.14	19.1168	NO	NO	NO	1.244
119			-64.33	-82.02	17.6881	NO	-83.2	18.869	NO	NO	NO	1.1809
120			-64.49	-82.04	17.5524	NO	-83.03	18.5366	NO	NO	NO	0.9842
121			-62.36	-80.55	18.1932	NO	-81.05	18.6974	NO	NO	NO	0.5042
122			-62.15	-81.58	19.4331	NO	-81.94	19.7965	NO	NO	NO	0.3634
123			-62.09	-81.86	19.7698	NO	-83.02	20.9361	NO	NO	NO	1.1663
124			-61.91	-82.48	20.5689	NO	-83.74	21.8338	NO	NO	NO	1.2649
125			-61.86	-82.35	20.4863	NO	-82.89	21.0301	NO	NO	NO	0.5438
126			-61.89	-82.23	20.3428	NO	-82.77	20.8796	NO	NO	NO	0.5368
127			-61.92	-82.1	20.1892	NO	-82.64	20.7285	NO	NO	NO	0.5393
128			-61.98	-82	20.0265	NO	-82.53	20.5576	NO	NO	NO	0.5311
129			-62.06	-81.93	19.8659	NO	-82.6	20.5434	NO	NO	NO	0.6775
130			-62.16	-81.81	19.6485	NO	-82.32	20.1608	NO	NO	NO	0.5123
131			-62.31	-81.73	19.4255	NO	-82.84	20.5363	NO	NO	NO	1.1108
132			-62.46	-82.08	19.6227	NO	-83.46	21.0005	NO	NO	NO	1.3778
133			-62.63	-82.81	20.181	NO	-84.12	21.4898	NO	NO	NO	1.3088
134			-62.84	-82.92	20.0777	NO	-84.14	21.2924	NO	NO	NO	1.2147
135			-63.08	-83.4	20.3241	NO	-84.49	21.4092	NO	NO	NO	1.0851
136			-63.33	-83.25	19.9211	NO	-84.41	21.0784	NO	NO	NO	1.1573
137			-63.62	-82.73	19.1112	NO	-83.85	20.2307	NO	NO	NO	1.1195
138			-63.78	-82.59	18.8048	NO	-83.71	19.9327	NO	NO	NO	1.1279
139			-64.1	-82.85	18.7524	NO	-83.87	19.7727	NO	NO	NO	1.0203
140			-64.47	-82.8	18.3277	NO	-83.44	18.9646	NO	NO	NO	0.6369

TABLE 1-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 1									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			PROPOSED	EXISTING		Is	UNDESIRE		Existing	Proposed	Study Pt.	
			DESIRED	UNDESIRE		Is	UNDESIRE		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
141			-64.87	-82.78	17.9183	NO	-83.89	19.0264	NO	NO	NO	1.1081
142			-65.04	-82.37	17.3321	NO	-83.77	18.7267	NO	NO	NO	1.3946
143			-61.73	-82.18	20.4532	NO	-82.54	20.8103	NO	NO	NO	0.3571
144			-61.51	-87.64	26.1287	NO	-88.52	27.0131	NO	NO	NO	0.8844
145			-61.51	-82.54	21.0391	NO	-83.07	21.5681	NO	NO	NO	0.529
146			-61.54	-82.43	20.8966	NO	-82.95	21.4181	NO	NO	NO	0.5215
147			-61.57	-82.33	20.763	NO	-82.85	21.2765	NO	NO	NO	0.5135
148			-61.64	-82.22	20.5795	NO	-82.75	21.1142	NO	NO	NO	0.5347
149			-61.73	-82.15	20.4171	NO	-82.64	20.9123	NO	NO	NO	0.4952
150			-61.84	-82.07	20.2273	NO	-82.57	20.7322	NO	NO	NO	0.5049
151			-62	-82.02	20.0212	NO	-82.5	20.505	NO	NO	NO	0.4838
152			-62.16	-81.92	19.7603	NO	-82.4	20.2421	NO	NO	NO	0.4818
153			-62.34	-82.09	19.7527	NO	-83.46	21.1184	NO	NO	NO	1.3657
154			-62.56	-83.43	20.8685	NO	-85	22.4407	NO	NO	NO	1.5722
155			-62.8	-83.8	20.9923	NO	-85.28	22.4716	NO	NO	NO	1.4793
156			-63.07	-83.95	20.8819	NO	-84.77	21.7028	NO	NO	NO	0.8209
157			-63.36	-83.43	20.0653	NO	-84.55	21.1857	NO	NO	NO	1.1204
158			-63.68	-83.31	19.6245	NO	-84.43	20.7459	NO	NO	NO	1.1214
159			-64.07	-83.52	19.4525	NO	-84.65	20.5851	NO	NO	NO	1.1326
160			-64.47	-83.58	19.1098	NO	-84.44	19.9724	NO	NO	NO	0.8626
161			-64.65	-83.64	18.992	NO	-84.55	19.8985	NO	NO	NO	0.9065
162			-65.07	-82.89	17.8219	NO	-84.38	19.3145	NO	NO	NO	1.4926
163			-65.55	-82.24	16.6862	NO	-83.84	18.2832	NO	NO	NO	1.597
164			-65.74	-81.91	16.1705	NO	-83.31	17.5713	NO	NO	NO	1.4008
165			-61.14	-83.86	22.719	NO	-84.84	23.704	NO	NO	NO	0.985
166			-61.17	-82.63	21.4615	NO	-83.15	21.9782	NO	NO	NO	0.5167
167			-61.21	-85.66	24.4498	NO	-86.47	25.2523	NO	NO	NO	0.8025

TABLE 1-5 Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 1									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			PROPOSED	EXISTING		Is	UNDESIRE		Existing	Proposed	Study Pt.	
			DESIRED	UNDESIRE		Is	UNDESIRE		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
168			-61.28	-82.47	21.1912	NO	-82.95	21.6702	NO	NO	NO	0.479
169			-61.39	-82.36	20.9758	NO	-82.88	21.495	NO	NO	NO	0.5192
170			-61.54	-82.29	20.7522	NO	-82.78	21.2407	NO	NO	NO	0.4885
171			-61.7	-82.24	20.5416	NO	-82.71	21.0087	NO	NO	NO	0.4671
172			-61.89	-82.19	20.3057	NO	-82.67	20.7805	NO	NO	NO	0.4748
173			-62.11	-82.1	19.9957	NO	-83.46	21.3487	NO	NO	NO	1.353
174			-62.36	-83.36	21.0017	NO	-84.65	22.2954	NO	NO	NO	1.2937
175			-62.62	-83.62	21.0011	NO	-84.85	22.2256	NO	NO	NO	1.2245
176			-62.93	-84.33	21.4025	NO	-85.41	22.4881	NO	NO	NO	1.0856
177			-63.25	-84.19	20.9409	NO	-85.25	21.9958	NO	NO	NO	1.0549
178			-63.65	-84.36	20.7154	NO	-85.43	21.7801	NO	NO	NO	1.0647
179			-63.83	-84.52	20.6854	NO	-85.66	21.8289	NO	NO	NO	1.1435
180			-64.24	-84.05	19.809	NO	-84.98	20.7451	NO	NO	NO	0.9361
181			-64.67	-83.69	19.0185	NO	-84.63	19.9669	NO	NO	NO	0.9484
182			-65.16	-83.37	18.2098	NO	-84.92	19.7645	NO	NO	NO	1.5547
183			-65.35	-82.87	17.5234	NO	-84.4	19.0481	NO	NO	NO	1.5247
184			-65.89	-82.54	16.6463	NO	-84.11	18.216	NO	NO	NO	1.5697
185			-66.46	-82.13	15.6748	NO	-83.67	17.2097	NO	NO	NO	1.5349
186			-66.65	-81.42	14.7704	NO	-82.86	16.2121	NO	NO	NO	1.4417
187			-67.28	-80.62	13.3433	NO	-82.06	14.7829	NO	NO	NO	1.4396
189			-61.96	-82.23	20.2736	NO	-82.79	20.8301	NO	NO	NO	0.5565
190			-67.07	-88.89	21.8218	NO				NO	NO	
191			-60.79	-85.44	24.6417	NO	-86.27	25.4803	NO	NO	NO	0.8386
192			-60.82	-85.63	24.8102	NO	-87.88	27.0559	NO	NO	NO	2.2457
193			-60.92	-86.49	25.5707	NO	-87.79	26.8727	NO	NO	NO	1.302
194			-61.03	-82.61	21.5728	NO	-83.08	22.0466	NO	NO	NO	0.4738
195			-61.2	-82.51	21.3139	NO	-83.01	21.8168	NO	NO	NO	0.5029

TABLE 1-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 1									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			PROPOSED	EXISTING		Is	UNDESIRE		Existing	Proposed	Study Pt.	
			DESIRED	UNDESIRE		Is	UNDESIRE		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
196			-61.37	-82.47	21.0975	NO	-82.92	21.5486	NO	NO	NO	0.4511
197			-61.56	-82.42	20.855	NO	-82.88	21.3137	NO	NO	NO	0.4587
198			-61.89	-82.38	20.4981	NO	-82.83	20.9434	NO	NO	NO	0.4453
199			-62.16	-82.31	20.1483	NO	-83.22	21.0631	NO	NO	NO	0.9148
200			-62.47	-82.57	20.1045	NO	-83.84	21.3744	NO	NO	NO	1.2699
201			-62.65	-85.04	22.3873	NO	-86.16	23.509	NO	NO	NO	1.1217
202			-62.99	-84.91	21.9195	NO	-85.95	22.9609	NO	NO	NO	1.0414
203			-63.39	-84.78	21.3878	NO	-85.94	22.5484	NO	NO	NO	1.1606
204			-63.81	-85.12	21.3139	NO	-86.2	22.3869	NO	NO	NO	1.073
205			-64.25	-84.83	20.5839	NO	-85.82	21.5712	NO	NO	NO	0.9873
206			-64.75	-84.23	19.4794	NO	-85.51	20.7646	NO	NO	NO	1.2852
207			-64.95	-84.28	19.332	NO	-85.67	20.7231	NO	NO	NO	1.3911
208			-65.5	-83.44	17.9445	NO	-84.84	19.3391	NO	NO	NO	1.3946
209			-66.07	-82.95	16.8836	NO	-84.52	18.4535	NO	NO	NO	1.5699
210			-66.27	-82.91	16.6405	NO	-84.25	17.9809	NO	NO	NO	1.3404
211			-66.91	-81.67	14.7557	NO	-83.12	16.2042	NO	NO	NO	1.4485
212			-67.11	-81.21	14.0958	NO	-82.64	15.5301	NO	NO	NO	1.4343
213			-67.8	-81.25	13.4524	NO	-82.53	14.7253	NO	NO	NO	1.2729
214			-68	-80.84	12.8428	NO	-82.07	14.0688	NO	NO	NO	1.226
215			-63.66	-78.68	15.0193	NO	-78.95	15.2873	NO	NO	NO	0.268
216			-66.74	-83.46	16.7207	NO	-83.94	17.2021	NO	NO	NO	0.4814
217			-66.67	-85.36	18.6878	NO	-86.26	19.5964	NO	NO	NO	0.9086
218			-66.68	-84.15	17.4685	NO	-87.41	20.7298	NO	NO	NO	3.2613
219			-66.75	-82.98	16.2285	NO	-83.43	16.6782	NO	NO	NO	0.4497
220			-66.86	-88.68	21.8194	NO			NO	NO	NO	
221			-60.7	-82.82	22.119	NO	-83.58	22.8856	NO	NO	NO	0.7666
222			-61.07	-82.69	21.6192	NO	-83.12	22.0553	NO	NO	NO	0.4361

TABLE 1-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 1									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
223			-61.3	-82.64	21.3387	NO	-83.08	21.7821	NO	NO	NO	0.4434
224			-61.57	-82.61	21.0433	NO	-83.45	21.8852	NO	NO	NO	0.8419
225			-61.85	-82.59	20.7347	NO	-83.01	21.1604	NO	NO	NO	0.4257
226			-62.17	-85.41	23.2372	NO	-86.46	24.2817	NO	NO	NO	1.0445
227			-62.52	-85.75	23.2274	NO	-86.86	24.3372	NO	NO	NO	1.1098
228			-62.93	-86.32	23.3857	NO	-87.37	24.4367	NO	NO	NO	1.051
229			-63.36	-86.27	22.9118	NO	-87.25	23.8976	NO	NO	NO	0.9858
230			-63.8	-85.83	22.0296	NO	-86.75	22.9477	NO	NO	NO	0.9181
231			-64.01	-85.27	21.2568	NO	-86.29	22.2732	NO	NO	NO	1.0164
232			-64.52	-85.17	20.6447	NO	-86.51	21.9901	NO	NO	NO	1.3454
233			-65.09	-84.68	19.5935	NO	-86.06	20.9771	NO	NO	NO	1.3836
234			-65.67	-84.18	18.5146	NO	-85.68	20.0131	NO	NO	NO	1.4985
235			-65.88	-83.35	17.4732	NO	-84.89	19.0074	NO	NO	NO	1.5342
236			-66.53	-83.38	16.8482	NO	-84.68	18.1481	NO	NO	NO	1.2999
237			-66.74	-82.25	15.5082	NO	-83.54	16.8002	NO	NO	NO	1.292
238			-67.43	-81.79	14.3548	NO	-83.07	15.6336	NO	NO	NO	1.2788
239			-68.17	-81.59	13.4243	NO	-83.05	14.8803	NO	NO	NO	1.456
240			-68.37	-81.34	12.9642	NO	-82.63	14.2598	NO	NO	NO	1.2956
241			-69.17	-81.01	11.8453	NO	-82.34	13.1738	NO	NO	NO	1.3285
242			-69.37	-80.51	11.1472	NO	-81.92	12.5574	NO	NO	NO	1.4102
243			-61.16	-78.88	17.7195	NO	-79.15	17.986	NO	NO	NO	0.2665
244			-66.22	-86.33	20.118	NO	-86.62	20.4	NO	NO	NO	0.282
245			-66.35	-86.47	20.1224	NO	-87.41	21.0629	NO	NO	NO	0.9405
246			-66.47	-83.11	16.6484	NO	-83.56	17.0945	NO	NO	NO	0.4461
247			-66.64	-84.85	18.2087	NO	-85.65	19.0129	NO	NO	NO	0.8042
248			-67.03	-82.94	15.9075	NO	-83.37	16.3392	NO	NO	NO	0.4317
249			-61.05	-85.93	24.8782	NO	-84.81	23.7531	YES	NO	YES	-1.1251

TABLE 1-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 1									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
250			-61.34	-86.52	25.1776	NO	-87.32	25.9814	NO	NO	NO	0.8038
251			-61.67	-82.81	21.1426	NO	-83.22	21.5536	NO	NO	NO	0.411
252			-62.03	-86.65	24.6211	NO	-87.72	25.6991	NO	NO	NO	1.078
253			-62.88	-86.93	24.0461	NO	-87.97	25.094	NO	NO	NO	1.0479
254			-63.34	-86.81	23.4733	NO	-87.86	24.5208	NO	NO	NO	1.0475
255			-63.56	-86.71	23.1468	NO	-87.69	24.1278	NO	NO	NO	0.981
256			-64.08	-86.2	22.1236	NO	-87.52	23.4364	NO	NO	NO	1.3128
257			-64.65	-85.68	21.029	NO	-87.07	22.4225	NO	NO	NO	1.3935
258			-65.24	-85.39	20.1452	NO	-86.77	21.5256	NO	NO	NO	1.3804
259			-65.47	-84.13	18.6619	NO	-85.5	20.0297	NO	NO	NO	1.3678
260			-66.13	-84.23	18.1021	NO	-85.76	19.6307	NO	NO	NO	1.5286
261			-66.84	-83.76	16.9255	NO	-85.06	18.2208	NO	NO	NO	1.2953
262			-67.05	-82.68	15.6213	NO	-84.12	17.0614	NO	NO	NO	1.4401
263			-67.8	-82.37	14.5706	NO	-83.65	15.8468	NO	NO	NO	1.2762
264			-68.01	-82.07	14.059	NO	-83.38	15.3639	NO	NO	NO	1.3049
265			-68.81	-81.67	12.8529	NO	-83.2	14.3896	NO	NO	NO	1.5367
266			-69.02	-81.62	12.6005	NO	-82.75	13.7295	NO	NO	NO	1.129
267			-69.89	-80.93	11.0435	NO	-82.56	12.6665	NO	NO	NO	1.623
268			-70.09	-80.65	10.5536	NO	-81.96	11.8654	NO	NO	NO	1.3118
269			-71	-79.76	8.7538	NO	-81.06	10.056	NO	NO	NO	1.3022
270			-60.84	-82.52	21.6782	NO	-82.93	22.0902	NO	NO	NO	0.412
271			-60.69	-82.77	22.0807	NO	-83.27	22.5872	NO	NO	NO	0.5065
272			-65.92	-87.04	21.1252	NO	-88.86	22.9411	NO	NO	NO	1.8159
273			-67.33	-83.73	16.4049	NO	-84.86	17.5326	NO	NO	NO	1.1277
274			-61.93	-87.35	25.4227	NO	-88.47	26.5412	NO	NO	NO	1.1185
275			-62.61	-87.62	25.0141	NO	-88.66	26.0552	NO	NO	NO	1.0411
276			-63.08	-87.51	24.4309	NO	-88.54	25.4609	NO	NO	NO	1.03

TABLE 1-5 Co-Channel Interference Analysis												
		Desired Station:		Desired Station 5								
		Facs:		Transmit Antenna 1 of 2								
		Undesired Station:		Proposed Site 1								
		Facs:		Downstream Service								
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
277			-63.61	-87.25	23.6415	NO	-88.35	24.7438	NO	NO	NO	1.1023
278			-64.2	-86.59	22.397	NO	-88.04	23.8454	NO	NO	NO	1.4484
279			-64.8	-86.36	21.5601	NO	-87.71	22.914	NO	NO	NO	1.3539
280			-65.03	-85.05	20.02	NO	-86.46	21.4289	NO	NO	NO	1.4089
281			-65.71	-85.14	19.4335	NO	-86.48	20.7709	NO	NO	NO	1.3374
282			-66.43	-84.63	18.2065	NO	-86.16	19.7337	NO	NO	NO	1.5272
283			-66.66	-84.32	17.6626	NO	-85.61	18.9554	NO	NO	NO	1.2928
284			-67.41	-83.51	16.0973	NO	-84.79	17.3734	NO	NO	NO	1.2761
285			-67.64	-83.09	15.4496	NO	-84.5	16.8666	NO	NO	NO	1.417
286			-68.45	-82.79	14.3412	NO	-84.1	15.6473	NO	NO	NO	1.3061
287			-68.67	-82.37	13.7047	NO	-84.02	15.3558	NO	NO	NO	1.6511
288			-69.54	-82.15	12.6057	NO	-83.3	13.7598	NO	NO	NO	1.1541
289			-69.76	-81.79	12.0313	NO	-83.19	13.4394	NO	NO	NO	1.4081
290			-70.67	-81.32	10.6405	NO	-82.74	12.0633	NO	NO	NO	1.4228
291			-70.88	-80.69	9.8096	NO	-81.84	10.9551	NO	NO	NO	1.1455
292			-71.85	-80.17	8.314	NO	-81.42	9.5699	NO	NO	NO	1.2559
293			-66.6	-79.22	12.6183	NO	-79.48	12.8758	NO	NO	NO	0.2575
294			-67.11	-89.16	22.0436	NO				NO	NO	
295			-67.94	-88.06	20.1214	NO	-89.17	21.2315	NO	NO	NO	1.1101
296			-62.57	-88.42	25.8504	NO	-89.45	26.8801	NO	NO	NO	1.0297
297			-63.12	-88.21	25.0926	NO	-89.23	26.1171	NO	NO	NO	1.0245
298			-63.71	-87.51	23.7986	NO	-89.02	25.3089	NO	NO	NO	1.5103
299			-64.33	-86.98	22.6477	NO	-88.38	24.045	NO	NO	NO	1.3973
300			-64.58	-85.91	21.3338	NO	-87.36	22.7847	NO	NO	NO	1.4509
301			-65.26	-86.19	20.927	NO	-87.42	22.1547	NO	NO	NO	1.2277
302			-66	-85.7	19.7036	NO	-87.03	21.0379	NO	NO	NO	1.3343
303			-66.24	-84.72	18.4822	NO	-86.06	19.8191	NO	NO	NO	1.3369

TABLE 1-5 Co-Channel Interference Analysis												
			Desired Station:		Desired Station 5							
			Facs:		Transmit Antenna 1 of 2							
			Undesired Station:		Proposed Site 1							
			Facs:		Downstream Service							
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
				<i>PROPOSED</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
304			-67.01	-84.53	17.5243	NO	-85.83	18.824	NO	NO	NO	1.2997
305			-67.83	-83.84	16.0046	NO	-85.12	17.2875	NO	NO	NO	1.2829
306			-68.07	-83.66	15.5889	NO	-84.92	16.8538	NO	NO	NO	1.2649
307			-68.96	-83.21	14.2497	NO	-84.59	15.6365	NO	NO	NO	1.3868
308			-69.18	-82.97	13.7843	NO	-84.38	15.1994	NO	NO	NO	1.4151
309			-70.12	-82.66	12.5411	NO	-83.83	13.717	NO	NO	NO	1.1759
310			-70.33	-82.32	11.9867	NO	-83.49	13.1569	NO	NO	NO	1.1702
311			-70.55	-81.98	11.4326	NO	-83.25	12.7013	NO	NO	NO	1.2687
312			-71.53	-81.41	9.8725	NO	-82.52	10.9828	NO	NO	NO	1.1103
313			-71.74	-80.81	9.0664	NO	-82.23	10.4888	NO	NO	NO	1.4224
314			-66.22	-82.87	16.6414	NO	-83.12	16.8921	NO	NO	NO	0.2507
315			-65.75	-89.55	23.7968	NO				NO	NO	
316			-67.85	-88.84	20.9919	NO				NO	NO	
317			-62.59	-89.05	26.4565	NO				NO	NO	
318			-63.2	-88.76	25.5561	NO				NO	NO	
319			-63.84	-87.61	23.7703	NO	-89.01	25.1713	NO	NO	NO	1.401
320			-64.54	-87.04	22.5039	NO	-88.29	23.7498	NO	NO	NO	1.2459
321			-64.8	-87.12	22.3194	NO	-88.36	23.5658	NO	NO	NO	1.2464
322			-65.55	-86.06	20.5153	NO	-87.31	21.7618	NO	NO	NO	1.2465
323			-66.33	-86.1	19.7731	NO	-87.44	21.1055	NO	NO	NO	1.3324
324			-66.58	-85.59	19.0024	NO	-86.91	20.3295	NO	NO	NO	1.3271
325			-67.42	-85.25	17.8283	NO	-86.57	19.1458	NO	NO	NO	1.3175
326			-67.67	-84.4	16.7366	NO	-85.7	18.0328	NO	NO	NO	1.2962
327			-68.57	-84.06	15.4919	NO	-85.49	16.922	NO	NO	NO	1.4301
328			-68.81	-83.78	14.9683	NO	-85.01	16.2041	NO	NO	NO	1.2358
329			-69.75	-83.53	13.7836	NO	-84.86	15.108	NO	NO	NO	1.3244
330			-69.98	-83	13.0209	NO	-84.2	14.2163	NO	NO	NO	1.1954

TABLE 1-5 Co-Channel Interference Analysis												
		Desired Station:		Desired Station 5								
		Facs:		Transmit Antenna 1 of 2								
		Undesired Station:		Proposed Site 1								
		Facs:		Downstream Service								
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
331			-70.98	-82.8	11.818	NO	-84.05	13.0721	NO	NO	NO	1.2541
332			-71.2	-82.64	11.4438	NO	-83.96	12.7628	NO	NO	NO	1.319
333			-72.35	-82.14	9.7936	NO	-83.37	11.0202	NO	NO	NO	1.2266
334			-72.56	-81.89	9.3234	NO	-83.31	10.7527	NO	NO	NO	1.4293
335			-72.77	-81.75	8.9738	NO	-83.05	10.2813	NO	NO	NO	1.3075
336			-68.35	-89.37	21.0197	NO				NO	NO	
337			-68.98	-89.25	20.2667	NO				NO	NO	
338			-63.31	-88.65	25.3442	NO				NO	NO	
339			-64.03	-88.52	24.4964	NO				NO	NO	
340			-64.3	-88.06	23.7579	NO				NO	NO	
341			-65.07	-87.53	22.457	NO				NO	NO	
342			-65.87	-86.49	20.6201	NO	-87.88	22.0148	NO	NO	NO	1.3947
343			-66.73	-86.5	19.7723	NO				NO	NO	
344			-66.99	-85.48	18.4869	NO	-86.82	19.8317	NO	NO	NO	1.3448
345			-67.91	-85.62	17.7063	NO				NO	NO	
346			-68.17	-84.65	16.4856	NO	-85.97	17.8008	NO	NO	NO	1.3152
347			-69.13	-84.65	15.52	NO	-85.91	16.7865	NO	NO	NO	1.2665
348			-69.37	-84.35	14.9749	NO	-85.58	16.2122	NO	NO	NO	1.2373
349			-70.38	-83.95	13.5688	NO	-85.12	14.7378	NO	NO	NO	1.169
350			-70.62	-83.53	12.9034	NO	-84.75	14.1261	NO	NO	NO	1.2227
351			-71.78	-83.28	11.493	NO				NO	NO	
352			-72.01	-83.28	11.2646	NO				NO	NO	
353			-66.26	-86.92	20.6622	NO				NO	NO	
354			-68.72	-85.19	16.4693	NO				NO	NO	
355			-69.75	-84.82	15.0757	NO				NO	NO	
356			-71.18	-84.28	13.0987	NO				NO	NO	
357			-71.43	-83.86	12.437	NO				NO	NO	

TABLE 1-5 Co-Channel Interference Analysis												
		Desired Station:		Desired Station 5								
		Facs:		Transmit Antenna 1 of 2								
		Undesired Station:		Proposed Site 1								
		Facs:		Downstream Service								
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
358			-71.67	-83.6	11.9303	NO				NO	NO	
359			-65.51	-83.3	17.7944	NO	-83.66	18.1482	NO	NO	NO	0.3538
360			-68.04	-84.57	16.5222	NO	-85.79	17.7461	NO	NO	NO	1.2239
361			-67.85	-85.42	17.5728	NO	-86.76	18.9081	NO	NO	NO	1.3353
362			-67.04	-86.82	19.7845	NO	-87.04	20.004	NO	NO	NO	0.2195
363			-64.56	-88.26	23.6955	NO	-89.31	24.7471	NO	NO	NO	1.0516
364			-64.39	-89.7	25.3134	NO				NO	NO	
365			-64.65	-85.4	20.7411	NO	-86.27	21.6109	NO	NO	NO	0.8698
366			-63.11	-90.63	27.5185	NO				NO	NO	
367			-64.48	-85.51	21.0264	NO	-86.34	21.8576	NO	NO	NO	0.8312
368			-63.97	-85.39	21.4202	NO	-85.76	21.7928	NO	NO	NO	0.3726
369			-63.42	-83.3	19.8839	NO	-83.65	20.2285	NO	NO	NO	0.3446
370			-78.14	-89.37	11.229	NO	-89.69	11.5472	NO	NO	NO	0.3182
371			-68.18	-89.33	21.1474	NO	-89.66	21.4754	NO	NO	NO	0.328
372			-68.16	-90.99	22.8303	NO				NO	NO	
373			-68.38	-90.44	22.0637	NO	-91.64	23.2617	NO	NO	NO	1.198
374			-71.49	-87.98	16.4846	NO	-87.95	16.4565	YES	NO	YES	-0.0281
375			-63.76	-87.3	23.5411	NO	-85.87	22.1139	YES	NO	YES	-1.4272
376			-63.2	-87.57	24.364	NO	-86.24	23.0372	YES	NO	YES	-1.3268
377			-68.98	-83.3	14.3209	NO	-83.67	14.6918	NO	NO	NO	0.3709
378			-66.88	-89.47	22.5914	NO	-89.79	22.912	NO	NO	NO	0.3206
379			-67.31	-89.39	22.0853	NO	-89.69	22.3846	NO	NO	NO	0.2993
380			-68.04	-89.33	21.2858	NO	-89.68	21.634	NO	NO	NO	0.3482
381			-69.02	-90.51	21.4954	NO	-90.81	21.7904	NO	NO	NO	0.295
382			-72.18	-86.4	14.2197	NO	-87.87	15.6882	NO	NO	NO	1.4685
384			-62.98	-85.53	22.552	NO	-85.87	22.8857	NO	NO	NO	0.3337
385			-68.52	-90.28	21.7643	NO	-91.2	22.6799	NO	NO	NO	0.9156

TABLE 1-5 Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 1									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
386			-70.19	-90.45	20.2577	NO	-89.94	19.7445	YES	NO	YES	-0.5132
387			-65.64	-90.78	25.1434	NO				NO	NO	
388			-67.43	-90.08	22.6516	NO	-91.6	24.1753	NO	NO	NO	1.5237
389			-75.5	-88.74	13.2331	NO				NO	NO	
391			-63.38	-88.44	25.0576	NO	-89.11	25.7306	NO	NO	NO	0.673
392			-62.78	-85.62	22.8358	NO	-85.98	23.1941	NO	NO	NO	0.3583
393			-67.41	-89.75	22.3394	NO	-90.04	22.6252	NO	NO	NO	0.2858
394			-64.9	-89.69	24.788	NO	-90.02	25.1229	NO	NO	NO	0.3349
395			-70.71	-89.61	18.8975	NO	-89.89	19.1781	NO	NO	NO	0.2806
396			-72.76	-87.12	14.3675	NO	-87.62	14.8646	NO	NO	NO	0.4971
397			-68.85	-87.45	18.5957	NO	-86.9	18.0488	YES	NO	YES	-0.5469
398			-77.09	-88.81	11.7169	NO				NO	NO	
399			-68.29	-90.25	21.9653	NO	-85.98	17.6946	YES	NO	YES	-4.2707
400			-70.16	-90.49	20.3252	NO	-93.28	23.1235	NO	NO	NO	2.7983
401			-74.3	-88.19	13.8853	NO	-88.66	14.3592	NO	NO	NO	0.4739
402			-77.15	-88.58	11.4286	NO	-87.78	10.6231	YES	NO	YES	-0.8055
403			-72.9	-83.25	10.3591	NO	-83.88	10.9804	NO	NO	NO	0.6213
404			-74.9	-86.98	12.0761	NO				NO	NO	
405			-79.26	-87.65	8.3936	NO				NO	NO	
406			-74.64	-88.74	14.1017	NO	-89.31	14.6748	NO	NO	NO	0.5731
407			-77.8	-87.17	9.3649	NO	-87.74	9.9342	NO	NO	NO	0.5693
409			-76.36	-82.56	6.1994	NO	-82.96	6.6019	NO	NO	NO	0.4025
410			-78.56	-85.22	6.6588	NO	-87.57	9.0095	NO	NO	NO	2.3507
411			-61.45	-90.23	28.7843	NO	-90.5	29.0513	NO	NO	NO	0.267
412			-66.27	-90.18	23.9046	NO	-90.49	24.2208	NO	NO	NO	0.3162
413			-79.98	-86.55	6.5779	NO	-87.12	7.1427	NO	NO	NO	0.5648
416			-60.85	-90.37	29.5203	NO	-90.63	29.7812	NO	NO	NO	0.2609

TABLE 1-5 Co-Channel Interference Analysis												
		Desired Station:		Desired Station 5								
		Facs:		Transmit Antenna 1 of 2								
		Undesired Station:		Proposed Site 1								
		Facs:		Downstream Service								
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
423			-68.24	-91.93	23.6922	NO	-91.7	23.4598	YES	NO	YES	-0.2324
424			-67.53	-90.72	23.1938	NO	-91.37	23.8441	NO	NO	NO	0.6503
432			-62.68	-86.58	23.8951	NO	-88.1	25.4165	NO	NO	NO	1.5214
433			-65.58	-86.28	20.7044	NO	-86.24	20.6626	YES	NO	YES	-0.0418
437			-63.96	-86.81	22.8529	NO	-87.1	23.1358	NO	NO	NO	0.2829
438			-66.15	-84.73	18.5784	NO	-84.69	18.5319	YES	NO	YES	-0.0465
439			-78.31	-85.96	7.6527	NO	-86.18	7.8668	NO	NO	NO	0.2141
452			-79.88	-86.42	6.5342	NO	-86.64	6.7546	NO	NO	NO	0.2204
460			-77.39	-86.73	9.3493	NO	-87.88	10.4941	NO	NO	NO	1.1448
461			-78.92	-90.32	11.3988	NO	-91.46	12.5422	NO	NO	NO	1.1434
462			-74.67	-86.89	12.2216	NO	-87.1	12.4277	NO	NO	NO	0.2061
463			-75.58	-86.88	11.2902	NO	-87.09	11.5033	NO	NO	NO	0.2131
465			-77.94	-86.85	8.9099	NO	-87.06	9.1167	NO	NO	NO	0.2068
466			-78.26	-91.47	13.2052	NO	-92.57	14.3078	NO	NO	NO	1.1026
467			-75.26	-87	11.7405	NO	-87.21	11.9501	NO	NO	NO	0.2096
468			-76.15	-86.99	10.835	NO	-87.2	11.0416	NO	NO	NO	0.2066
469			-77.17	-86.98	9.8058	NO	-87.18	10.0093	NO	NO	NO	0.2035
471			-78.77	-92.59	13.8279	NO				NO	NO	
472			-75.82	-87.11	11.2976	NO	-87.32	11.501	NO	NO	NO	0.2034
473			-76.98	-87.11	10.1276	NO	-87.29	10.3148	NO	NO	NO	0.1872
474			-77.97	-87.1	9.1264	NO	-87.28	9.3103	NO	NO	NO	0.1839
475			-79.24	-87.12	7.8719	NO	-88.26	9.0163	NO	NO	NO	1.1444
476			-79.52	-87.07	7.5534	NO	-87.34	7.8183	NO	NO	NO	0.2649
479			-75.6	-87.24	11.6353	NO	-87.44	11.8355	NO	NO	NO	0.2002
481			-76.61	-87.23	10.6158	NO	-87.41	10.7999	NO	NO	NO	0.1841
482			-77.47	-87.22	9.758	NO	-87.4	9.939	NO	NO	NO	0.181
483			-78.44	-87.2	8.7556	NO	-87.41	8.9633	NO	NO	NO	0.2077

TABLE 1-5 Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 1									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			PROPOSED	EXISTING		Is	UNDESIRE		Existing	Proposed	Study Pt.	
			DESIRED	UNDESIRE		Is	UNDESIRE		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
484			-78.71	-87.2	8.4889	NO	-87.4	8.6933	NO	NO	NO	0.2044
488			-75.52	-90.97	15.4512	NO				NO	NO	
491			-75.97	-87.73	11.7618	NO	-87.93	11.9555	NO	NO	NO	0.1937
492			-76.63	-87.71	11.0792	NO	-87.88	11.2522	NO	NO	NO	0.173
495			-76.81	-87.82	11.0119	NO	-87.99	11.1824	NO	NO	NO	0.1705
496			-77.06	-87.82	10.7544	NO	-87.99	10.9321	NO	NO	NO	0.1777
497			-77.64	-87.79	10.1544	NO	-87.98	10.3463	NO	NO	NO	0.1919
498			-78.11	-87.79	9.6828	NO	-87.96	9.8516	NO	NO	NO	0.1688
499			-78.98	-88.35	9.3639	NO	-92.05	13.0654	NO	NO	NO	3.7015
500			-77.23	-89.43	12.1924	NO	-88.11	10.8718	YES	NO	YES	-1.3206
501			-77.48	-87.91	10.4305	NO	-88.1	10.623	NO	NO	NO	0.1925
502			-77.83	-87.9	10.0759	NO	-88.09	10.2655	NO	NO	NO	0.1896
503			-78.03	-87.9	9.8732	NO	-88.07	10.0399	NO	NO	NO	0.1667
504			-78.49	-87.87	9.3828	NO	-88.07	9.5765	NO	NO	NO	0.1937
505			-79.15	-87.88	8.7249	NO	-88.07	8.9155	NO	NO	NO	0.1906
506			-79.35	-87.85	8.4998	NO	-88.04	8.6873	NO	NO	NO	0.1875
508			-76.34	-88.02	11.6812	NO	-88.21	11.8713	NO	NO	NO	0.1901
509			-76.57	-88.02	11.4456	NO	-88.2	11.6329	NO	NO	NO	0.1873
515			-76.42	-90.88	14.4615	NO	-91.13	14.7117	NO	NO	NO	0.2502
516			-76.26	-88.17	11.9037	NO	-88.33	12.0694	NO	NO	NO	0.1657
517			-76.54	-88.13	11.5908	NO	-88.32	11.7787	NO	NO	NO	0.1879
518			-77.29	-88.1	10.8134	NO	-88.29	11.003	NO	NO	NO	0.1896
519			-77.47	-88.1	10.6306	NO	-88.29	10.8173	NO	NO	NO	0.1867
520			-77.91	-88.07	10.1599	NO	-88.26	10.3436	NO	NO	NO	0.1837
526			-79.06	-88.21	9.146	NO	-88.4	9.3308	NO	NO	NO	0.1848
528			-79.88	-86.1	6.2243	NO	-86.94	7.0652	NO	NO	NO	0.8409
529			-78.97	-86.42	7.4555	NO	-87.26	8.2944	NO	NO	NO	0.8389

TABLE 1-5 Co-Channel Interference Analysis												
		Desired Station:		Desired Station 5								
		Facs:		Transmit Antenna 1 of 2								
		Undesired Station:		Proposed Site 1								
		Facs:		Downstream Service								
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
531			-77.03	-88.35	11.3185	NO				NO	NO	
536			-79.37	-86.52	7.1499	NO	-87.36	7.9942	NO	NO	NO	0.8443
539			-78.46	-87.69	9.2247	NO	-88.52	10.0512	NO	NO	NO	0.8265
540			-78.66	-91.52	12.8592	NO	-93.38	14.7114	NO	NO	NO	1.8522
541			-78.33	-87.77	9.4356	NO	-88.28	9.9445	NO	NO	NO	0.5089

TABLE 2-1												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 1									
Facs:			Transmit Antenna 1 of 1									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>UNDESIRE</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRE</i>		Is	<i>UNDESIRE</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
1	40.296841	-121.63991	-73.83	-97.52	23.6944	NO	-101.88	28.0499	NO	NO	NO	
2	40.283285	-121.63991	-78.59	-98.85	20.2656	NO	-101.81	23.2199	NO	NO	NO	
3	40.283285	-121.62226	-65.82	-99.19	33.3719	NO	-102.72	36.8943	NO	NO	NO	
6			-51.45	-100.51	49.0679	YES	-104.43	52.9874	NO	NO	YES	
9			-50.62	-99.29	48.6774	YES	-105.45	54.8277	NO	NO	YES	
10			-60.8	-96.77	35.9697	NO	-103.07	42.275	NO	NO	NO	
11			-77.33	-105.79	28.4608	NO			NO	NO	NO	
12			-72.04	-105.55	33.5078	NO	-104.99	32.9439	YES	NO	YES	
19			-65.34	-98.08	32.739	NO	-103.27	37.9229	NO	NO	NO	
20			-58.76	-103.1	44.3378	NO	-100.7	41.9377	YES	NO	YES	
27			-58.05	-103.29	45.2444	YES	-102.01	43.9632	YES	NO	YES	
30			-47.8	-102.17	54.3706	YES	-109.36	61.5608	NO	NO	YES	
31			-58.61	-103.2	44.5927	NO	-106.31	47.6951	NO	NO	NO	
38			-53.89	-96.41	42.5224	NO	-98.51	44.6246	NO	NO	NO	
39			-57.76	-104.16	46.3991	YES	-103.23	45.4711	YES	NO	YES	
45			-59.92	-96.33	36.411	NO	-102.63	42.7132	NO	NO	NO	
46			-50.08	-94.2	44.1204	NO	-96.51	46.427	NO	NO	NO	
58			-44.7	-100.46	55.7579	YES				NO	YES	
63			-50.33	-98.85	48.514	YES	-98.94	48.6108	NO	NO	YES	
109			-46.58	-105.76	59.1837	YES	-107.38	60.8071	NO	NO	YES	

TABLE 2-2												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 2									
Facs:			Transmit Antenna 1 of 1									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
				<i>PROPOSED</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
<u>POINTS</u>	<u>N LAT</u>	<u>W LON</u>	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
8			-78.2	-94.96	16.7604	NO	-94.52	16.3249	YES	NO	YES	

TABLE 2-3												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 3									
Facs:			Transmit Antenna 1 of 1									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
				<i>PROPOSED</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
<u>POINTS</u>	<u>N LAT</u>	<u>W LON</u>	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
All study points adequately protected based on Notice of Proposed Rulemaking												

TABLE 2-4												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 4									
Facs:			Transmit Antenna 1 of 1									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
				<i>PROPOSED</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
59			-54.66	-104.71	50.048	YES	-105.16	50.4952	NO	NO	YES	
67			-73.19	-105.94	32.7471	NO	-105.58	32.3898	YES	NO	YES	

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>				<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
2			-64.3	-83.45	19.1468	NO	-82.76	18.4553	YES	NO	YES	
3			-65.41	-82.4	16.991	NO				NO	NO	
4			-64.07	-83.33	19.2568	NO	-82.73	18.6588	YES	NO	YES	
5			-65.26	-85.53	20.274	NO				NO	NO	
8			-65.12	-80.24	15.1176	NO	-79.51	14.3868	YES	NO	YES	
9			-65.1	-80.36	15.2615	NO	-79.56	14.4657	YES	NO	YES	
10			-65.05	-81.14	16.0891	NO	-80.2	15.1498	YES	NO	YES	
12			-64.87	-80.21	15.3399	NO	-79.59	14.7281	YES	NO	YES	
13			-64.84	-80.75	15.9071	NO	-80.09	15.2428	YES	NO	YES	
14			-64.8	-81.11	16.3073	NO	-80.77	15.9738	YES	NO	YES	
15			-64.74	-81.54	16.7997	NO	-81.08	16.3437	YES	NO	YES	
16			-64.68	-81.64	16.9571	NO	-81.11	16.4281	YES	NO	YES	
17			-64.76	-83.75	18.9926	NO	-83.08	18.324	YES	NO	YES	
18			-68.31	-80.48	12.1643	NO	-79.89	11.5807	YES	NO	YES	
19			-64.58	-80.74	16.1616	NO	-80.46	15.8768	YES	NO	YES	
20			-64.54	-81.54	17.0025	NO	-81.11	16.5708	YES	NO	YES	
21			-64.48	-81.67	17.1917	NO	-81.31	16.8353	YES	NO	YES	
22			-64.42	-82.5	18.0829	NO	-81.76	17.3445	YES	NO	YES	
23			-64.38	-82.06	17.6808	NO	-81.94	17.5602	YES	NO	YES	
24			-64.34	-82.26	17.9187	NO	-82.05	17.7094	YES	NO	YES	
26			-64.36	-80.51	16.1538	NO	-80.05	15.6875	YES	NO	YES	
27			-64.27	-81.91	17.6462	NO	-81.49	17.2293	YES	NO	YES	
28			-64.21	-82.28	18.0738	NO	-81.56	17.3501	YES	NO	YES	
29			-64.15	-82.83	18.6855	NO	-82.75	18.6066	YES	NO	YES	
30			-64.11	-82.65	18.5468	NO	-82.78	18.6741	NO	NO	NO	0.1273
31			-64.07	-82.68	18.6067	NO	-82.87	18.7961	NO	NO	NO	0.1894
32			-64.06	-82.96	18.8989	NO	-82.82	18.7574	YES	NO	YES	

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
				PROPOSED			EXISTING		Existing	Proposed	Study Pt.	
			DESIRED	UNDESIRED		Is	UNDESIRED		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
33			-64.04	-83.39	19.3509	NO	-83.03	18.9865	YES	NO	YES	
34			-64.08	-83.94	19.8579	NO	-83.15	19.0619	YES	NO	YES	
35			-64.13	-84.17	20.038	NO	-83.73	19.5971	YES	NO	YES	
36			-63.93	-81.07	17.1447	NO	-80.99	17.0658	YES	NO	YES	
37			-63.87	-83.18	19.3136	NO	-83.32	19.4508	NO	NO	NO	0.1372
38			-63.83	-83.23	19.4037	NO	-83.4	19.576	NO	NO	NO	0.1723
39			-63.79	-83.9	20.1107	NO	-83.9	20.1062	YES	NO	YES	
40			-63.78	-84.11	20.3235	NO	-84.05	20.2642	YES	NO	YES	
41			-63.77	-84.23	20.4581	NO	-83.52	19.7501	YES	NO	YES	
42			-63.78	-84.09	20.3035	NO	-83.61	19.8251	YES	NO	YES	
43			-63.84	-83.76	19.9239	NO	-83.15	19.3156	YES	NO	YES	
44			-63.86	-83.27	19.4095	NO	-82.34	18.4766	YES	NO	YES	
45			-63.7	-82.1	18.4028	NO	-82.89	19.1911	NO	NO	NO	0.7883
46			-63.64	-83.12	19.4851	NO	-83.01	19.375	YES	NO	YES	
47			-63.58	-83.67	20.0929	NO	-83.69	20.117	NO	NO	NO	0.0241
48			-63.54	-84.02	20.4862	NO	-84.02	20.4879	NO	NO	NO	0.0017
49			-63.51	-84.24	20.729	NO	-84.3	20.7895	NO	NO	NO	0.0605
50			-63.5	-85.08	21.5883	NO	-84.57	21.0726	YES	NO	YES	
51			-63.48	-84.53	21.043	NO	-84.38	20.9001	YES	NO	YES	
52			-63.5	-84.13	20.6265	NO	-83.48	19.9722	YES	NO	YES	
53			-63.52	-84.26	20.74	NO	-83.32	19.8009	YES	NO	YES	
54			-63.57	-83.36	19.791	NO	-82.9	19.3319	YES	NO	YES	
55			-63.64	-83.17	19.5263	NO	-82.84	19.2025	YES	NO	YES	
56			-63.71	-82.66	18.9488	NO	-82.18	18.4699	YES	NO	YES	
57			-63.4	-85.89	22.4913	NO	-86.26	22.8661	NO	NO	NO	0.3748
58			-63.34	-84.86	21.5235	NO	-84.98	21.6396	NO	NO	NO	0.1161
59			-63.28	-83.66	20.3874	NO	-83.69	20.4145	NO	NO	NO	0.0271

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>UNDESIRED</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
60			-63.24	-85.29	22.0489	NO	-85.63	22.3922	NO	NO	NO	0.3433
61			-63.21	-84.92	21.7148	NO	-84.54	21.33	YES	NO	YES	
62			-63.2	-84.89	21.6877	NO	-84.87	21.6691	YES	NO	YES	
63			-63.19	-84.94	21.7472	NO	-84.49	21.3025	YES	NO	YES	
64			-63.21	-84.71	21.4984	NO	-83.78	20.568	YES	NO	YES	
65			-63.24	-84.37	21.1368	NO	-83.93	20.6923	YES	NO	YES	
66			-63.29	-83.86	20.5766	NO	-83.44	20.1587	YES	NO	YES	
67			-63.35	-83.99	20.6397	NO	-83.47	20.1176	YES	NO	YES	
68			-63.44	-83.29	19.8481	NO	-83	19.556	YES	NO	YES	
69			-63.57	-82.95	19.3813	NO	-82.49	18.9231	YES	NO	YES	
70			-63.67	-82.27	18.6061	NO	-82.26	18.5923	YES	NO	YES	
71			-63.03	-87.11	24.0853	NO	-87.35	24.3252	NO	NO	NO	0.2399
72			-62.97	-86	23.0304	NO	-86.41	23.4427	NO	NO	NO	0.4123
73			-62.93	-86.46	23.5342	NO	-86.46	23.5357	NO	NO	NO	0.0015
74			-62.9	-84.92	22.0201	NO	-85.15	22.2494	NO	NO	NO	0.2293
75			-62.9	-84.93	22.0323	NO	-84.84	21.9476	YES	NO	YES	
76			-62.89	-85.22	22.3329	NO	-84.41	21.5237	YES	NO	YES	
77			-62.92	-85.43	22.5136	NO	-84.94	22.0289	YES	NO	YES	
78			-62.94	-84.6	21.6583	NO	-84.29	21.3453	YES	NO	YES	
79			-63	-84.15	21.1584	NO	-83.7	20.7011	YES	NO	YES	
80			-63.07	-84.25	21.1782	NO	-83.94	20.8703	YES	NO	YES	
81			-63.16	-83.74	20.5794	NO	-83.4	20.2401	YES	NO	YES	
82			-63.29	-83.28	19.9888	NO	-83.04	19.7456	YES	NO	YES	
83			-63.43	-82.87	19.4411	NO	-82.68	19.2473	YES	NO	YES	
84			-63.59	-82.48	18.8901	NO	-82.37	18.7829	YES	NO	YES	
85			-63.78	-82.51	18.7302	NO	-82.13	18.3506	YES	NO	YES	
86			-63.81	-84.35	20.5422	NO				NO	NO	

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>UNDESIRE</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRE</i>		Is	<i>UNDESIRE</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
87			-62.61	-87.54	24.9281	NO	-87.71	25.0975	NO	NO	NO	0.1694
88			-62.58	-85.61	23.0309	NO	-85.44	22.8606	YES	NO	YES	
89			-62.58	-85.4	22.8262	NO	-84.88	22.3017	YES	NO	YES	
90			-62.58	-84.97	22.3968	NO	-84.35	21.7688	YES	NO	YES	
91			-62.61	-84.59	21.9845	NO	-84.44	21.8309	YES	NO	YES	
92			-62.64	-84.28	21.6398	NO	-83.86	21.228	YES	NO	YES	
93			-62.7	-83.64	20.9453	NO	-83.23	20.5299	YES	NO	YES	
94			-62.78	-83.57	20.7934	NO	-83.3	20.523	YES	NO	YES	
95			-62.88	-83.66	20.7823	NO	-83.3	20.4187	YES	NO	YES	
96			-63.01	-83.88	20.8618	NO	-83.63	20.6167	YES	NO	YES	
97			-63.16	-83.48	20.3178	NO	-83.34	20.184	YES	NO	YES	
98			-63.32	-83.15	19.8281	NO	-83.1	19.7727	YES	NO	YES	
99			-63.52	-83.13	19.6084	NO	-82.88	19.3544	YES	NO	YES	
100			-63.75	-82.77	19.0216	NO	-82.98	19.2332	NO	NO	NO	0.2116
101			-63.99	-82.31	18.3188	NO	-82.8	18.8143	NO	NO	NO	0.4955
102			-64.13	-82.02	17.885	NO	-82.56	18.4299	NO	NO	NO	0.5449
103			-62.27	-88.28	26.0071	NO	-88.53	26.2599	NO	NO	NO	0.2528
104			-62.25	-84.65	22.3994	NO	-84.4	22.148	YES	NO	YES	
105			-62.25	-84.59	22.3365	NO	-83.77	21.5205	YES	NO	YES	
106			-62.25	-83.88	21.6308	NO	-83.53	21.2735	YES	NO	YES	
107			-62.25	-83.45	21.2066	NO	-83.04	20.7894	YES	NO	YES	
108			-62.3	-83.28	20.98	NO	-82.91	20.6118	YES	NO	YES	
109			-62.38	-83.46	21.0858	NO	-83.21	20.8286	YES	NO	YES	
110			-62.48	-83.3	20.8292	NO	-83.04	20.5684	YES	NO	YES	
111			-62.61	-83.59	20.9741	NO	-83.32	20.7129	YES	NO	YES	
112			-62.76	-83.85	21.0957	NO	-83.7	20.9433	YES	NO	YES	
113			-62.92	-84.09	21.1662	NO	-84.01	21.0906	YES	NO	YES	

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>UNDESIRE</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRE</i>		Is	<i>UNDESIRE</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
114			-63.05	-84.11	21.0601	NO	-83.77	20.7192	YES	NO	YES	
115			-63.26	-83.78	20.5206	NO	-83.91	20.6534	NO	NO	NO	0.1328
116			-63.49	-83.25	19.7629	NO	-83.73	20.2394	NO	NO	NO	0.4765
117			-63.74	-82.83	19.0944	NO	-83.45	19.7101	NO	NO	NO	0.6157
118			-64.02	-82.56	18.5384	NO	-83.14	19.1168	NO	NO	NO	0.5784
119			-64.33	-82.62	18.2935	NO	-83.2	18.869	NO	NO	NO	0.5755
120			-64.49	-81.97	17.4762	NO	-83.03	18.5366	NO	NO	NO	1.0604
121			-62.36	-80.94	18.5878	NO	-81.05	18.6974	NO	NO	NO	0.1096
122			-62.15	-81.76	19.6178	NO	-81.94	19.7965	NO	NO	NO	0.1787
123			-62.09	-83.02	20.934	NO	-83.02	20.9361	NO	NO	NO	0.0021
124			-61.91	-84.24	22.3323	NO	-83.74	21.8338	YES	NO	YES	
125			-61.86	-83.41	21.5468	NO	-82.89	21.0301	YES	NO	YES	
126			-61.89	-83.23	21.3425	NO	-82.77	20.8796	YES	NO	YES	
127			-61.92	-83.09	21.1762	NO	-82.64	20.7285	YES	NO	YES	
128			-61.98	-82.93	20.9487	NO	-82.53	20.5576	YES	NO	YES	
129			-62.06	-82.94	20.8757	NO	-82.6	20.5434	YES	NO	YES	
130			-62.16	-82.63	20.464	NO	-82.32	20.1608	YES	NO	YES	
131			-62.31	-82.97	20.6664	NO	-82.84	20.5363	YES	NO	YES	
132			-62.46	-83.55	21.0872	NO	-83.46	21.0005	YES	NO	YES	
133			-62.63	-84.1	21.4624	NO	-84.12	21.4898	NO	NO	NO	0.0274
134			-62.84	-84.35	21.5085	NO	-84.14	21.2924	YES	NO	YES	
135			-63.08	-84.4	21.3205	NO	-84.49	21.4092	NO	NO	NO	0.0887
136			-63.33	-83.72	20.3887	NO	-84.41	21.0784	NO	NO	NO	0.6897
137			-63.62	-83.43	19.8121	NO	-83.85	20.2307	NO	NO	NO	0.4186
138			-63.78	-83.49	19.7141	NO	-83.71	19.9327	NO	NO	NO	0.2186
139			-64.1	-83.3	19.2051	NO	-83.87	19.7727	NO	NO	NO	0.5676
140			-64.47	-82.57	18.0934	NO	-83.44	18.9646	NO	NO	NO	0.8712

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>UNDESIRE</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRE</i>		Is	<i>UNDESIRE</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
141			-64.87	-83.28	18.4184	NO	-83.89	19.0264	NO	NO	NO	0.608
142			-65.04	-82.94	17.8995	NO	-83.77	18.7267	NO	NO	NO	0.8272
143			-61.73	-82.27	20.5433	NO	-82.54	20.8103	NO	NO	NO	0.267
144			-61.51	-88.96	27.4497	NO	-88.52	27.0131	YES	NO	YES	
145			-61.51	-83.57	22.0621	NO	-83.07	21.5681	YES	NO	YES	
146			-61.54	-83.39	21.8582	NO	-82.95	21.4181	YES	NO	YES	
147			-61.57	-83.23	21.6613	NO	-82.85	21.2765	YES	NO	YES	
148			-61.64	-83.1	21.4625	NO	-82.75	21.1142	YES	NO	YES	
149			-61.73	-82.94	21.2127	NO	-82.64	20.9123	YES	NO	YES	
150			-61.84	-82.82	20.9731	NO	-82.57	20.7322	YES	NO	YES	
151			-62	-82.69	20.6949	NO	-82.5	20.505	YES	NO	YES	
152			-62.16	-82.58	20.4195	NO	-82.4	20.2421	YES	NO	YES	
153			-62.34	-83.68	21.343	NO	-83.46	21.1184	YES	NO	YES	
154			-62.56	-84.85	22.2885	NO	-85	22.4407	NO	NO	NO	0.1522
155			-62.8	-84.69	21.8875	NO	-85.28	22.4716	NO	NO	NO	0.5841
156			-63.07	-84.37	21.2989	NO	-84.77	21.7028	NO	NO	NO	0.4039
157			-63.36	-84.12	20.7574	NO	-84.55	21.1857	NO	NO	NO	0.4283
158			-63.68	-84.2	20.52	NO	-84.43	20.7459	NO	NO	NO	0.2259
159			-64.07	-83.56	19.4875	NO	-84.65	20.5851	NO	NO	NO	1.0976
160			-64.47	-83.53	19.0608	NO	-84.44	19.9724	NO	NO	NO	0.9116
161			-64.65	-83.73	19.081	NO	-84.55	19.8985	NO	NO	NO	0.8175
162			-65.07	-83.45	18.3771	NO	-84.38	19.3145	NO	NO	NO	0.9374
163			-65.55	-83.08	17.5305	NO	-83.84	18.2832	NO	NO	NO	0.7527
164			-65.74	-83.03	17.2884	NO	-83.31	17.5713	NO	NO	NO	
165			-62.3	-84.98	22.6775	NO				NO	NO	
166			-61.14	-85.37	24.2377	NO	-84.84	23.704	YES	NO	YES	
167			-61.17	-83.56	22.3895	NO	-83.15	21.9782	YES	NO	YES	

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
				PROPOSED			EXISTING		Existing	Proposed	Study Pt.	
			DESIRED	UNDESIRED		Is	UNDESIRED		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
168			-61.21	-83.97	22.7546	NO	-86.47	25.2523	NO	NO	NO	2.4977
169			-61.28	-83.28	21.9972	NO	-82.95	21.6702	YES	NO	YES	
170			-61.39	-83.12	21.7342	NO	-82.88	21.495	YES	NO	YES	
171			-61.54	-83	21.4607	NO	-82.78	21.2407	YES	NO	YES	
172			-61.7	-82.88	21.1782	NO	-82.71	21.0087	YES	NO	YES	
173			-61.89	-82.77	20.888	NO	-82.67	20.7805	YES	NO	YES	
174			-62.11	-83.62	21.5134	NO	-83.46	21.3487	YES	NO	YES	
175			-62.36	-84.44	22.0798	NO	-84.65	22.2954	NO	NO	NO	0.2156
176			-62.62	-84.17	21.5451	NO	-84.85	22.2256	NO	NO	NO	0.6805
177			-62.93	-85.04	22.1179	NO	-85.41	22.4881	NO	NO	NO	0.3702
178			-63.25	-84.86	21.6039	NO	-85.25	21.9958	NO	NO	NO	0.3919
179			-63.65	-85.1	21.4569	NO	-85.43	21.7801	NO	NO	NO	0.3232
180			-63.83	-84.54	20.7097	NO	-85.66	21.8289	NO	NO	NO	1.1192
181			-64.24	-84.4	20.157	NO	-84.98	20.7451	NO	NO	NO	0.5881
182			-64.67	-83.83	19.1584	NO	-84.63	19.9669	NO	NO	NO	0.8085
183			-65.16	-84.02	18.8613	NO	-84.92	19.7645	NO	NO	NO	0.9032
184			-65.35	-84.01	18.6536	NO	-84.4	19.0481	NO	NO	NO	0.3945
185			-65.89	-84.1	18.2047	NO	-84.11	18.216	NO	NO	NO	0.0113
186			-66.46	-83.49	17.0319	NO	-83.67	17.2097	NO	NO	NO	0.1778
187			-66.65	-82.9	16.2487	NO	-82.86	16.2121	YES	NO	YES	
188			-67.28	-82.34	15.0643	NO	-82.06	14.7829	YES	NO	YES	
190			-61.96	-79.78	17.8264	NO	-82.79	20.8301	NO	NO	NO	3.0037
191			-60.79	-87.02	26.2281	NO	-86.27	25.4803	YES	NO	YES	
192			-60.82	-85.09	24.269	NO	-87.88	27.0559	NO	NO	NO	2.7869
193			-60.92	-89.33	28.4145	NO	-87.79	26.8727	YES	NO	YES	
194			-61.03	-83.3	22.2661	NO	-83.08	22.0466	YES	NO	YES	
195			-61.2	-83.18	21.9874	NO	-83.01	21.8168	YES	NO	YES	

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>UNDESIRE</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRE</i>		Is	<i>UNDESIRE</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
196			-61.37	-83.08	21.7091	NO	-82.92	21.5486	YES	NO	YES	
197			-61.56	-82.97	21.4027	NO	-82.88	21.3137	YES	NO	YES	
198			-61.89	-82.88	20.9898	NO	-82.83	20.9434	YES	NO	YES	
199			-62.16	-82.81	20.6517	NO	-83.22	21.0631	NO	NO	NO	0.4114
200			-62.47	-83.12	20.651	NO	-83.84	21.3744	NO	NO	NO	0.7234
201			-62.65	-85.7	23.0458	NO	-86.16	23.509	NO	NO	NO	0.4632
202			-62.99	-85.56	22.5749	NO	-85.95	22.9609	NO	NO	NO	0.386
203			-63.39	-85.17	21.7794	NO	-85.94	22.5484	NO	NO	NO	0.769
204			-63.81	-85.26	21.454	NO	-86.2	22.3869	NO	NO	NO	0.9329
205			-64.25	-85.05	20.8055	NO	-85.82	21.5712	NO	NO	NO	0.7657
206			-64.75	-84.65	19.9049	NO	-85.51	20.7646	NO	NO	NO	0.8597
207			-64.95	-85.04	20.0948	NO	-85.67	20.7231	NO	NO	NO	0.6283
208			-65.5	-84.65	19.1532	NO	-84.84	19.3391	NO	NO	NO	0.1859
209			-66.07	-84.48	18.4092	NO	-84.52	18.4535	NO	NO	NO	0.0443
210			-66.27	-84.23	17.9606	NO	-84.25	17.9809	NO	NO	NO	0.0203
211			-66.91	-83.12	16.2114	NO	-83.12	16.2042	YES	NO	YES	
212			-67.11	-82.83	15.7154	NO	-82.64	15.5301	YES	NO	YES	
213			-67.8	-82.24	14.4432	NO	-82.53	14.7253	NO	NO	NO	0.2821
214			-68	-81.88	13.8864	NO	-82.07	14.0688	NO	NO	NO	0.1824
215			-63.66	-79.67	16.0113	NO	-78.95	15.2873	YES	NO	YES	
216			-66.74	-85.5	18.7638	NO	-83.94	17.2021	YES	NO	YES	
217			-66.67	-86.49	19.8194	NO	-86.26	19.5964	YES	NO	YES	
218			-66.68	-83.86	17.1775	NO	-87.41	20.7298	NO	NO	NO	3.5523
219			-66.75	-83.71	16.9526	NO	-83.43	16.6782	YES	NO	YES	
220			-60.7	-83.48	22.7791	NO	-83.58	22.8856	NO	NO	NO	0.1065
221			-61.07	-83.26	22.1982	NO	-83.12	22.0553	YES	NO	YES	
222			-61.3	-83.18	21.874	NO	-83.08	21.7821	YES	NO	YES	

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
				PROPOSED			EXISTING		Existing	Proposed	Study Pt.	
			DESIRED	UNDESIRED		Is	UNDESIRED		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
223			-61.57	-83.64	22.0735	NO	-83.45	21.8852	YES	NO	YES	
224			-61.85	-83.01	21.1569	NO	-83.01	21.1604	NO	NO	NO	0.0035
225			-62.17	-86.06	23.891	NO	-86.46	24.2817	NO	NO	NO	0.3907
226			-62.52	-87.26	24.7358	NO	-86.86	24.3372	YES	NO	YES	
227			-62.93	-86.8	23.8666	NO	-87.37	24.4367	NO	NO	NO	0.5701
228			-63.36	-86.65	23.2882	NO	-87.25	23.8976	NO	NO	NO	0.6094
229			-63.8	-85.98	22.1756	NO	-86.75	22.9477	NO	NO	NO	0.7721
230			-64.01	-85.25	21.2316	NO	-86.29	22.2732	NO	NO	NO	1.0416
231			-64.52	-85.91	21.3802	NO	-86.51	21.9901	NO	NO	NO	0.6099
232			-65.09	-85.77	20.6829	NO	-86.06	20.9771	NO	NO	NO	0.2942
233			-65.67	-85.59	19.9232	NO	-85.68	20.0131	NO	NO	NO	0.0899
234			-65.88	-84.84	18.9608	NO	-84.89	19.0074	NO	NO	NO	0.0466
235			-66.53	-84.76	18.2306	NO	-84.68	18.1481	YES	NO	YES	
236			-66.74	-83.53	16.7884	NO	-83.54	16.8002	NO	NO	NO	0.0118
237			-67.43	-83.12	15.6871	NO	-83.07	15.6336	YES	NO	YES	
238			-68.17	-82.66	14.4869	NO	-83.05	14.8803	NO	NO	NO	0.3934
239			-68.37	-82.42	14.0504	NO	-82.63	14.2598	NO	NO	NO	0.2094
240			-69.17	-81.94	12.7768	NO	-82.34	13.1738	NO	NO	NO	0.397
241			-69.37	-81.95	12.5828	NO	-81.92	12.5574	YES	NO	YES	
242			-61.16	-79.65	18.4894	NO	-79.15	17.986	YES	NO	YES	
243			-66.22	-88.66	22.4383	NO	-86.62	20.4	YES	NO	YES	
244			-66.35	-88.16	21.8046	NO	-87.41	21.0629	YES	NO	YES	
245			-66.47	-83.76	17.2952	NO	-83.56	17.0945	YES	NO	YES	
246			-66.64	-86.49	19.855	NO	-85.65	19.0129	YES	NO	YES	
247			-67.03	-83.45	16.4156	NO	-83.37	16.3392	YES	NO	YES	
248			-61.05	-86	24.949	NO	-84.81	23.7531	YES	NO	YES	
249			-61.34	-86.75	25.4055	NO	-87.32	25.9814	NO	NO	NO	0.5759

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>UNDESIRE</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRE</i>		Is	<i>UNDESIRE</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
250			-61.67	-83.21	21.5358	NO	-83.22	21.5536	NO	NO	NO	0.0178
251			-62.03	-87.31	25.2855	NO	-87.72	25.6991	NO	NO	NO	0.4136
252			-62.88	-87.36	24.4814	NO	-87.97	25.094	NO	NO	NO	0.6126
253			-63.34	-87.14	23.806	NO	-87.86	24.5208	NO	NO	NO	0.7148
254			-63.56	-86.85	23.287	NO	-87.69	24.1278	NO	NO	NO	0.8408
255			-64.08	-86.5	22.418	NO	-87.52	23.4364	NO	NO	NO	1.0184
256			-64.65	-86.63	21.975	NO	-87.07	22.4225	NO	NO	NO	0.4475
257			-65.24	-86.6	21.3548	NO	-86.77	21.5256	NO	NO	NO	0.1708
258			-65.47	-85.59	20.1236	NO	-85.5	20.0297	YES	NO	YES	
259			-66.13	-85.7	19.5737	NO	-85.76	19.6307	NO	NO	NO	0.057
260			-66.84	-85.14	18.2993	NO	-85.06	18.2208	YES	NO	YES	
261			-67.05	-83.93	16.8798	NO	-84.12	17.0614	NO	NO	NO	0.1816
262			-67.8	-83.55	15.7476	NO	-83.65	15.8468	NO	NO	NO	0.0992
263			-68.01	-83.29	15.2727	NO	-83.38	15.3639	NO	NO	NO	0.0912
264			-68.81	-82.77	13.9557	NO	-83.2	14.3896	NO	NO	NO	0.4339
265			-69.02	-82.5	13.4753	NO	-82.75	13.7295	NO	NO	NO	0.2542
266			-69.89	-82.37	12.4785	NO	-82.56	12.6665	NO	NO	NO	0.188
267			-70.09	-81.41	11.3208	NO	-81.96	11.8654	NO	NO	NO	0.5446
268			-71	-80.89	9.8898	NO	-81.06	10.056	NO	NO	NO	0.1662
269			-60.84	-83.27	22.4296	NO	-82.93	22.0902	YES	NO	YES	
270			-60.69	-79.48	18.7973	NO	-83.27	22.5872	NO	NO	NO	3.7899
271			-65.92	-88.62	22.7024	NO	-88.86	22.9411	NO	NO	NO	0.2387
272			-66.24	-88.28	22.0413	NO				NO	NO	
273			-67.33	-84.69	17.3597	NO	-84.86	17.5326	NO	NO	NO	0.1729
274			-62.16	-88.28	26.1223	NO				NO	NO	
275			-62.61	-88.05	25.4452	NO	-88.66	26.0552	NO	NO	NO	0.61
276			-63.08	-87.67	24.5948	NO	-88.54	25.4609	NO	NO	NO	0.8661

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
				PROPOSED			EXISTING		Existing	Proposed	Study Pt.	
			DESIRED	UNDESIRED		Is	UNDESIRED		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
277			-63.61	-87.37	23.7577	NO	-88.35	24.7438	NO	NO	NO	0.9861
278			-64.2	-87.35	23.1535	NO	-88.04	23.8454	NO	NO	NO	0.6919
279			-64.8	-87.53	22.7261	NO	-87.71	22.914	NO	NO	NO	0.1879
280			-65.03	-86.51	21.4798	NO	-86.46	21.4289	YES	NO	YES	
281			-65.71	-86.69	20.9796	NO	-86.48	20.7709	YES	NO	YES	
282			-66.43	-86.07	19.6411	NO	-86.16	19.7337	NO	NO	NO	0.0926
283			-66.66	-85.49	18.8376	NO	-85.61	18.9554	NO	NO	NO	0.1178
284			-67.41	-84.61	17.1968	NO	-84.79	17.3734	NO	NO	NO	0.1766
285			-67.64	-84.25	16.6136	NO	-84.5	16.8666	NO	NO	NO	0.253
286			-68.45	-83.87	15.4188	NO	-84.1	15.6473	NO	NO	NO	0.2285
287			-68.67	-83.51	14.8416	NO	-84.02	15.3558	NO	NO	NO	0.5142
288			-69.54	-82.91	13.3626	NO	-83.3	13.7598	NO	NO	NO	0.3972
289			-69.76	-83.12	13.3653	NO	-83.19	13.4394	NO	NO	NO	0.0741
290			-70.67	-82.16	11.4863	NO	-82.74	12.0633	NO	NO	NO	0.577
291			-70.88	-81.55	10.6677	NO	-81.84	10.9551	NO	NO	NO	0.2874
292			-71.85	-81.4	9.5454	NO	-81.42	9.5699	NO	NO	NO	0.0245
293			-66.6	-80.86	14.2517	NO	-79.48	12.8758	YES	NO	YES	
294			-67.11	-89.62	22.5046	NO				NO	NO	
295			-67.5	-88.93	21.439	NO				NO	NO	
296			-62.08	-88.93	26.8449	NO				NO	NO	
297			-62.57	-88.81	26.2388	NO	-89.45	26.8801	NO	NO	NO	0.6413
298			-63.12	-88.23	25.1122	NO	-89.23	26.1171	NO	NO	NO	1.0049
299			-63.71	-88.17	24.4598	NO	-89.02	25.3089	NO	NO	NO	0.8491
300			-64.33	-88.09	23.764	NO	-88.38	24.045	NO	NO	NO	0.281
301			-64.58	-87.34	22.7644	NO	-87.36	22.7847	NO	NO	NO	0.0203
302			-65.26	-87.48	22.2183	NO	-87.42	22.1547	YES	NO	YES	
303			-66	-87.04	21.0415	NO	-87.03	21.0379	YES	NO	YES	

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			PROPOSED	EXISTING			EXISTING		Existing	Proposed	Study Pt.	
			DESIRED	UNDESIRED			UNDESIRED		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
304			-66.24	-85.98	19.743	NO	-86.06	19.8191	NO	NO	NO	0.0761
305			-67.01	-85.64	18.6373	NO	-85.83	18.824	NO	NO	NO	0.1867
306			-67.83	-84.9	17.0642	NO	-85.12	17.2875	NO	NO	NO	0.2233
307			-68.07	-84.65	16.5832	NO	-84.92	16.8538	NO	NO	NO	0.2706
308			-68.96	-84.31	15.3492	NO	-84.59	15.6365	NO	NO	NO	0.2873
309			-69.18	-83.83	14.6509	NO	-84.38	15.1994	NO	NO	NO	0.5485
310			-70.12	-83.6	13.4836	NO	-83.83	13.717	NO	NO	NO	0.2334
311			-70.33	-83.33	12.993	NO	-83.49	13.1569	NO	NO	NO	0.1639
312			-70.55	-82.84	12.2918	NO	-83.25	12.7013	NO	NO	NO	0.4095
313			-71.53	-82.18	10.6522	NO	-82.52	10.9828	NO	NO	NO	0.3306
314			-71.74	-81.97	10.2333	NO	-82.23	10.4888	NO	NO	NO	0.2555
315			-66.22	-83.23	17.0092	NO	-83.12	16.8921	YES	NO	YES	
316			-62.59	-89.24	26.6536	NO				NO	NO	
317			-63.2	-88.96	25.7558	NO				NO	NO	
318			-63.84	-88.49	24.6531	NO	-89.01	25.1713	NO	NO	NO	0.5182
319			-64.54	-88.24	23.7035	NO	-88.29	23.7498	NO	NO	NO	0.0463
320			-64.8	-88.49	23.6953	NO	-88.36	23.5658	YES	NO	YES	
321			-65.55	-87.3	21.7589	NO	-87.31	21.7618	NO	NO	NO	0.0029
322			-66.33	-87.44	21.1053	NO	-87.44	21.1055	NO	NO	NO	0.0002
323			-66.58	-86.77	20.1844	NO	-86.91	20.3295	NO	NO	NO	0.1451
324			-67.42	-86.15	18.7248	NO	-86.57	19.1458	NO	NO	NO	0.421
325			-67.67	-85.48	17.8123	NO	-85.7	18.0328	NO	NO	NO	0.2205
326			-68.57	-85.05	16.4815	NO	-85.49	16.922	NO	NO	NO	0.4405
327			-68.81	-84.67	15.86	NO	-85.01	16.2041	NO	NO	NO	0.3441
328			-69.75	-84.3	14.5503	NO	-84.86	15.108	NO	NO	NO	0.5577
329			-69.98	-83.9	13.9155	NO	-84.2	14.2163	NO	NO	NO	0.3008
330			-70.98	-83.88	12.8996	NO	-84.05	13.0721	NO	NO	NO	0.1725

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>UNDESIRE</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRE</i>		Is	<i>UNDESIRE</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
331			-71.2	-83.57	12.371	NO	-83.96	12.7628	NO	NO	NO	0.3918
332			-72.35	-83.05	10.7055	NO	-83.37	11.0202	NO	NO	NO	0.3147
333			-72.56	-82.88	10.3168	NO	-83.31	10.7527	NO	NO	NO	0.4359
334			-72.77	-82.51	9.7378	NO	-83.05	10.2813	NO	NO	NO	0.5435
335			-66.77	-89.88	23.1185	NO				NO	NO	
336			-68.35	-89.79	21.4396	NO				NO	NO	
337			-68.98	-89.34	20.3563	NO				NO	NO	
338			-63.31	-89.22	25.9114	NO				NO	NO	
339			-64.03	-89.69	25.6645	NO				NO	NO	
340			-64.3	-89.45	25.1456	NO				NO	NO	
341			-65.07	-88.84	23.7722	NO				NO	NO	
342			-65.87	-87.72	21.8534	NO	-87.88	22.0148	NO	NO	NO	0.1614
343			-66.73	-87.82	21.0949	NO				NO	NO	
344			-66.99	-86.6	19.6045	NO	-86.82	19.8317	NO	NO	NO	0.2272
345			-67.91	-86.84	18.9293	NO				NO	NO	
346			-68.17	-85.73	17.5606	NO	-85.97	17.8008	NO	NO	NO	0.2402
347			-69.13	-85.61	16.481	NO	-85.91	16.7865	NO	NO	NO	0.3055
348			-69.37	-85.07	15.7003	NO	-85.58	16.2122	NO	NO	NO	0.5119
349			-70.38	-84.71	14.3242	NO	-85.12	14.7378	NO	NO	NO	0.4136
350			-70.62	-84.43	13.8044	NO	-84.75	14.1261	NO	NO	NO	0.3217
351			-71.78	-84.26	12.4726	NO				NO	NO	
352			-72.01	-84.25	12.242	NO				NO	NO	
353			-72.24	-84.34	12.1009	NO				NO	NO	
354			-73.39	-83.81	10.4251	NO				NO	NO	
355			-73.6	-83.44	9.8381	NO				NO	NO	
356			-66.26	-88.04	21.7866	NO				NO	NO	
357			-66.54	-88.21	21.6716	NO				NO	NO	

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>EXISTING</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRED</i>		Is	<i>UNDESIRED</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	<u>dBmW</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>dBmW</u>	<u>dB</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>YES/NO</u>	<u>dB</u>
358			-67.47	-87.37	19.8988	NO				NO	NO	
359			-68.45	-87.18	18.7267	NO				NO	NO	
360			-68.72	-86.14	17.4233	NO				NO	NO	
361			-69.75	-85.75	16.0045	NO				NO	NO	
362			-70	-85.48	15.4791	NO				NO	NO	
363			-71.18	-84.85	13.6729	NO				NO	NO	
364			-71.43	-84.84	13.4112	NO				NO	NO	
365			-71.67	-84.81	13.1462	NO				NO	NO	
366			-72.83	-84.8	11.9677	NO				NO	NO	
367			-66.72	-88.54	21.8196	NO				NO	NO	
368			-67.01	-87.74	20.7219	NO				NO	NO	
369			-68.01	-87.24	19.231	NO				NO	NO	
370			-69.34	-86.56	17.2234	NO				NO	NO	
371			-69.6	-86.17	16.5676	NO				NO	NO	
372			-70.8	-85.79	14.9947	NO				NO	NO	
373			-71.05	-85.29	14.2326	NO				NO	NO	
374			-72.24	-85.25	13.0146	NO				NO	NO	
375			-71.86	-85.86	14.0013	NO				NO	NO	
376			-65.51	-88.7	23.1909	NO	-83.66	18.1482	YES	NO	YES	
377			-68.04	-87.63	19.587	NO	-85.79	17.7461	YES	NO	YES	
378			-67.85	-87.6	19.7457	NO	-86.76	18.9081	YES	NO	YES	
380			-64.42	-85.96	21.5455	NO				NO	NO	
381			-67.04	-86.55	19.5136	NO	-87.04	20.004	NO	NO	NO	0.4904
382			-64.65	-86.15	21.5007	NO	-86.27	21.6109	NO	NO	NO	0.1102
383			-65.41	-92.19	26.7799	NO				NO	NO	
384			-64.48	-87.49	23.0066	NO	-86.34	21.8576	YES	NO	YES	
385			-63.97	-86.16	22.193	NO	-85.76	21.7928	YES	NO	YES	

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>UNDESIRE</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRE</i>		Is	<i>UNDESIRE</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
386			-63.42	-87.43	24.011	NO	-83.65	20.2285	YES	NO	YES	
387			-78.14	-89.56	11.4166	NO	-89.69	11.5472	NO	NO	NO	0.1306
388			-68.18	-89.78	21.5997	NO	-89.66	21.4754	YES	NO	YES	
389			-68.16	-90.12	21.9549	NO				NO	NO	
390			-68.38	-90.53	22.1502	NO	-91.64	23.2617	NO	NO	NO	1.1115
391			-70.43	-88.05	17.6149	NO				NO	NO	
392			-71.49	-87.56	16.0699	NO	-87.95	16.4565	NO	NO	NO	0.3866
393			-63.76	-86.26	22.5047	NO	-85.87	22.1139	YES	NO	YES	
394			-68.98	-89.63	20.6444	NO	-83.67	14.6918	YES	NO	YES	
395			-66.88	-89.92	23.0369	NO	-89.79	22.912	YES	NO	YES	
396			-68.04	-89.71	21.668	NO	-89.68	21.634	YES	NO	YES	
397			-69.02	-87.36	18.34	NO	-90.81	21.7904	NO	NO	NO	3.4504
398			-66.97	-88.98	22.0076	NO				NO	NO	
399			-68.64	-88.45	19.8021	NO				NO	NO	
400			-72.18	-87.71	15.5358	NO	-87.87	15.6882	NO	NO	NO	0.1524
402			-62.98	-86.21	23.2228	NO	-85.87	22.8857	YES	NO	YES	
403			-68.52	-89.81	21.2943	NO	-91.2	22.6799	NO	NO	NO	1.3856
404			-70.19	-86.5	16.3019	NO	-89.94	19.7445	NO	NO	NO	3.4426
405			-65.64	-87.38	21.7369	NO				NO	NO	
406			-67.43	-86.16	18.7377	NO	-91.6	24.1753	NO	NO	NO	5.4376
407			-75.5	-90.33	14.8239	NO				NO	NO	
409			-63.38	-88.54	25.1552	NO	-89.11	25.7306	NO	NO	NO	0.5754
410			-62.78	-86.31	23.5224	NO	-85.98	23.1941	YES	NO	YES	
411			-67.41	-90.12	22.7133	NO	-90.04	22.6252	YES	NO	YES	
412			-64.9	-90.05	25.151	NO	-90.02	25.1229	YES	NO	YES	
413			-70.71	-89.88	19.1739	NO	-89.89	19.1781	NO	NO	NO	0.0042
414			-72.76	-86.18	13.4222	NO	-87.62	14.8646	NO	NO	NO	1.4424

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
				PROPOSED			EXISTING		Existing	Proposed	Study Pt.	
			DESIRED	UNDESIRED		Is	UNDESIRED		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
415			-68.85	-85.81	16.9559	NO	-86.9	18.0488	NO	NO	NO	1.0929
416			-73.08	-88.51	15.4352	NO				NO	NO	
417			-77.09	-89.8	12.7055	NO				NO	NO	
418			-68.29	-86.28	17.9993	NO	-85.98	17.6946	YES	NO	YES	
419			-69.32	-90.09	20.7707	NO				NO	NO	
420			-74.3	-89.38	15.0776	NO	-88.66	14.3592	YES	NO	YES	
421			-77.15	-88.45	11.3003	NO	-87.78	10.6231	YES	NO	YES	
422			-72.9	-84.57	11.6751	NO	-83.88	10.9804	YES	NO	YES	
423			-74.9	-89.11	14.2051	NO				NO	NO	
424			-79.26	-88.35	9.0885	NO				NO	NO	
425			-74.64	-89.92	15.2763	NO	-89.31	14.6748	YES	NO	YES	
426			-77.8	-88.45	10.6462	NO	-87.74	9.9342	YES	NO	YES	
428			-76.36	-83.65	7.2908	NO	-82.96	6.6019	YES	NO	YES	
429			-78.56	-86.79	8.23	NO	-87.57	9.0095	NO	NO	NO	0.7795
431			-61.45	-90.57	29.1261	NO	-90.5	29.0513	YES	NO	YES	
432			-66.27	-90.51	24.2364	NO	-90.49	24.2208	YES	NO	YES	
433			-79.98	-87.73	7.7574	NO	-87.12	7.1427	YES	NO	YES	
436			-60.85	-90.7	29.8491	NO	-90.63	29.7812	YES	NO	YES	
443			-62.53	-87.7	25.1681	NO				NO	NO	
450			-65.58	-85.53	19.9539	NO	-86.24	20.6626	NO	NO	NO	0.7087
454			-63.96	-86.33	22.3704	NO	-87.1	23.1358	NO	NO	NO	0.7654
455			-78.31	-86.13	7.8222	NO	-86.18	7.8668	NO	NO	NO	0.0446
470			-79.88	-86.54	6.6606	NO	-86.64	6.7546	NO	NO	NO	0.094
479			-77.39	-86.85	9.4684	NO	-87.88	10.4941	NO	NO	NO	1.0257
480			-78.92	-89.62	10.6989	NO	-91.46	12.5422	NO	NO	NO	1.8433
481			-74.67	-87	12.3306	NO	-87.1	12.4277	NO	NO	NO	0.0971
482			-75.58	-87	11.4174	NO	-87.09	11.5033	NO	NO	NO	0.0859

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			PROPOSED	EXISTING		Existing	Proposed	Study Pt.				
			DESIRED	UNDESIRED		Is	UNDESIRED	D/U Ratio	Signal	Protected		
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal	<=	Power	Pursuant	INCREASE	
PSA	POINT	POINT	Power	Power	PROPOSED	D/U Ratio	Power	EXISTING	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
484			-77.94	-86.98	9.0331	NO	-87.06	9.1167	NO	NO	NO	0.0836
485			-78.26	-90.73	12.4638	NO	-92.57	14.3078	NO	NO	NO	1.844
486			-75.26	-87.12	11.8636	NO	-87.21	11.9501	NO	NO	NO	0.0865
487			-76.15	-87.1	10.9465	NO	-87.2	11.0416	NO	NO	NO	0.0951
488			-77.17	-87.1	9.9256	NO	-87.18	10.0093	NO	NO	NO	0.0837
490			-78.77	-91.77	13.0054	NO				NO	NO	
492			-75.82	-87.22	11.4056	NO	-87.32	11.501	NO	NO	NO	0.0954
493			-76.98	-87.2	10.2225	NO	-87.29	10.3148	NO	NO	NO	0.0923
494			-77.97	-87.18	9.2096	NO	-87.28	9.3103	NO	NO	NO	0.1007
495			-79.24	-87.18	7.933	NO	-88.26	9.0163	NO	NO	NO	1.0833
496			-79.52	-87.16	7.6429	NO	-87.34	7.8183	NO	NO	NO	0.1754
499			-75.6	-87.34	11.7399	NO	-87.44	11.8355	NO	NO	NO	0.0956
501			-76.61	-87.32	10.7079	NO	-87.41	10.7999	NO	NO	NO	0.092
502			-77.47	-87.31	9.8488	NO	-87.4	9.939	NO	NO	NO	0.0902
503			-78.44	-87.3	8.8549	NO	-87.41	8.9633	NO	NO	NO	0.1084
504			-78.71	-87.28	8.5765	NO	-87.4	8.6933	NO	NO	NO	0.1168
510			-75.97	-90.19	14.2175	NO	-87.93	11.9555	YES	NO	YES	
511			-76.63	-87.79	11.1611	NO	-87.88	11.2522	NO	NO	NO	0.0911
515			-76.81	-87.9	11.0915	NO	-87.99	11.1824	NO	NO	NO	0.0909
516			-77.06	-87.9	10.834	NO	-87.99	10.9321	NO	NO	NO	0.0981
517			-77.64	-87.87	10.2338	NO	-87.98	10.3463	NO	NO	NO	0.1125
518			-78.11	-87.86	9.7519	NO	-87.96	9.8516	NO	NO	NO	0.0997
519			-77.23	-88.01	10.7742	NO	-88.11	10.8718	NO	NO	NO	0.0976
520			-77.48	-88	10.5183	NO	-88.1	10.623	NO	NO	NO	0.1047
521			-78.03	-87.97	9.9412	NO	-88.07	10.0399	NO	NO	NO	0.0987
522			-78.49	-87.96	9.4708	NO	-88.07	9.5765	NO	NO	NO	0.1057
523			-79.15	-87.96	8.8129	NO	-88.07	8.9155	NO	NO	NO	0.1026

TABLE 2-5												
Co-Channel Interference Analysis												
Desired Station:			Desired Station 5									
Facs:			Transmit Antenna 1 of 2									
Undesired Station:			Proposed Site 2									
Facs:			Downstream Service									
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
			(D)	(U)	(D/U)		(U)		Is	Is	Is	
			<i>PROPOSED</i>	<i>UNDESIRE</i>			<i>EXISTING</i>		Existing	Proposed	Study Pt.	
			<i>DESIRED</i>	<i>UNDESIRE</i>		Is	<i>UNDESIRE</i>		D/U Ratio	Signal	Protected	
LOS	STUDY	STUDY	Signal	Signal		Proposed	Signal		<=	Power	Pursuant	INCREASE
PSA	POINT	POINT	Power	Power	<i>PROPOSED</i>	D/U Ratio	Power	<i>EXISTING</i>	Proposed	Below	to the	IN EXISTING
STUDY	NAD83	NAD83	at St. Pt.	at St. Pt.	D/U Ratio	>=45 dB	at St. Pt.	D/U Ratio	D/U Ratio	Noise Floor	FCC Rules	D/U Ratio
POINTS	N LAT	W LON	dBmW	dBmW	dB	YES/NO	dBmW	dB	YES/NO	YES/NO	YES/NO	dB
524			-79.35	-87.96	8.6077	NO	-88.04	8.6873	NO	NO	NO	0.0796
527			-76.34	-88.11	11.7673	NO	-88.21	11.8713	NO	NO	NO	0.104
528			-76.57	-88.09	11.5221	NO	-88.2	11.6329	NO	NO	NO	0.1108
533			-76.26	-88.25	11.986	NO	-88.33	12.0694	NO	NO	NO	0.0834
534			-76.54	-89.02	12.4812	NO	-88.32	11.7787	YES	NO	YES	
535			-77.29	-88.18	10.8996	NO	-88.29	11.003	NO	NO	NO	0.1034
536			-77.47	-88.19	10.7173	NO	-88.29	10.8173	NO	NO	NO	0.1
537			-77.91	-88.18	10.267	NO	-88.26	10.3436	NO	NO	NO	0.0766
541			-80	-90.67	10.6728	NO	-92.47	12.4695	NO	NO	NO	1.7967
544			-79.06	-88.3	9.232	NO	-88.4	9.3308	NO	NO	NO	0.0988
545			-79.88	-87.86	7.9796	NO	-86.94	7.0652	YES	NO	YES	
546			-78.97	-88.2	9.2326	NO	-87.26	8.2944	YES	NO	YES	
552			-79.37	-88.28	8.9158	NO	-87.36	7.9942	YES	NO	YES	
556			-78.46	-88.75	10.2902	NO	-88.52	10.0512	YES	NO	YES	
557			-78.66	-94.04	15.3714	NO	-93.38	14.7114	YES	NO	YES	
558			-78.33	-88.85	10.5115	NO	-88.28	9.9445	YES	NO	YES	