

## Exhibit 16.1

### Tabulation of Proposed Nighttime Allocation

Call: WILS.p  
 Freq: 1320 kHz  
 Lansing, MI, US  
 Lat: 42-37-19 N  
 Lng: 084-38-38 W  
 Power: 1.9 kW  
 Theo RMS: 431.81 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	94.6	0	0	0.0	0.0	0.0	0.0
2	0.810	-16.8	181.0	294.0	94.6	0	0	0.0	0.0	0.0	0.0
3	0.830	140.0	90.5	202.0	94.6	0	0	0.0	0.0	0.0	0.0
4	0.672	123.2	181.0	294.0	94.6	1	0	0.0	0.0	0.0	0.0

Call Letters	Ct St City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
WFHR.L	US WI WISCONSIN RAPID	297.25	16.20	26.22	112.37	2.83	125.72	125.22	0.50
50% = 9.272, 25% = 10.842; WKAN.L=6.01 KELO.L=5.35 WIBA.L=4.60 KOZY.L=4.00 WILS.L=2.83 WCVG.L=2.75									
KXYZ.L	US TX HOUSTON	216.63	0.93	4.06	16.72	1.53	457.70	457.06	0.64
50% = 4.122, 25% = 6.222; WJAS.L=2.88 XECY/A=2.22 XERJ/A=1.94 WOBL.L=1.82 XEUI1/A=1.72 KTCK.L=1.68									
KFNZ.L=1.65 WCVG.L=1.62 WISW.L=1.57 KSIV.L=1.57 XEJZ/A=1.53									
WTRX.L	US MI FLINT	63.92	57.79	69.16	405.93	1.97	243.03	238.93	4.11
50% = 5.763, 25% = 8.026; WYRD.L=4.28 WHBL.L=3.86 WGFT.L=2.73 WFNN.L=2.35 WSPQ.L=2.33 WVHI.L=2.19									
KWLO.L=2.04 KNSS.L=1.97									
WCVG.L	US KY COVINGTON	178.31	18.99	30.09	147.21	7.48	253.99	249.75	4.25
50% = 27.226, 25% = 29.912; WJAS.L=21.95 WOBL.L=16.11 WKIN.L=9.21 WCOG.L=8.29									
WJAS.C	US PA PITTSBURGH	119.54	16.31	26.37	119.19	1.08	45.13	40.06	5.07
50% = 2.754, 25% = 3.873; CJMR/A=2.05 KXYZ.L=1.84 KYHN.L=1.31 WCVG.L=1.18 WCOG.L=1.13 WILS.L=1.08									
WARL.L=0.98 KSIV.L=0.97									
WJAS.L	US PA PITTSBURGH	120.27	16.19	26.21	118.21	1.07	45.26	38.73	6.54
50% = 2.769, 25% = 3.903; CJMR/A=2.06 KXYZ.L=1.85 KYHN.L=1.31 WCVG.L=1.19 WCOG.L=1.15 WILS.L=1.07									
WGET.L=1.00 KSIV.L=0.98									
WOBL.L	US OH OBERLIN	125.99	29.24	42.99	236.19	2.90	61.37	51.67	9.70
50% = 11.597, 25% = 11.597; WJAS.L=9.64 CJMR/A=6.45									
CJSO/	CA QC SOREL	63.70	8.77	8.77	65.59	5.43	414.17	380.16	34.01
50% = 11.709, 25% = 12.681; WATR.L=8.71 CJMR/U=5.63 WJAS.L=5.43 WARL.L=3.68 WOBL.L=3.19									
KOZY.L	US MN GRAND RAPIDS	309.16	7.59	13.63	39.38	2.26	286.53	152.47	134.06
50% = 8.508, 25% = 9.093; WFHR.L=7.48 WLOL.L=4.05 CHQM/A=2.28 KNOX.L=2.26									
WAGY.L	US NC FOREST CITY	162.65	7.80	13.94	52.15	2.90	278.39	118.63	159.76
50% = 9.99, 25% = 11.615; WJAS.L=6.54 WKIN.L=5.84 WJGR.L=4.79 WISW.L=3.91 WCVG.L=3.28 KXYZ.L=3.01									
WJGR.L	US FL JACKSONVILLE	168.39	2.75	6.58	23.86	1.61	337.69	176.39	161.30
50% = 4.223, 25% = 6.46; KXYZ.L=3.45 WDOD.L=2.43 HJPC-A=2.10 WYRD.L=1.98 WAGF.L=1.95 WJAS.L=1.84									
WLQY.L=1.78 WDDV.L=1.63 WCVG.L=1.61									
KSIV.L	US MO CLAYTON	229.08	10.88	18.51	74.16	7.45	501.98	332.93	169.05
50% = 15.145, 25% = 20.494; WKAN.L=9.67 WILS.L=8.27 WJAS.L=8.21 WKIN.L=7.24 WCVG.L=7.14 WOBL.L=5.79									
WFHR.L=5.33 KELO.L=5.02									
WTLC.L	US IN INDIANAPOLIS	202.17	21.73	33.74	172.08	1.90	552.89	383.35	169.54
50% = 5.57, 25% = 7.611; WDOD.L=4.48 WIBA.L=3.31 WTTL.L=2.63 WDPN.L=2.56 WDTW.L=2.31 UNK-A=2.10									
WRSB.L=1.92									
CJMR/A	CA ON MISSISSAUGA	75.17	24.23	24.23	141.64	11.17	394.24	219.21	175.03
50% = 22.337, 25% = 24.767; WJAS.L=22.34 WOBL.L=8.79 WATR.L=6.10									

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CJMR/U	CA ON MISSISSAUGA	75.17	24.23	24.23	141.64	11.17	394.24	219.21	175.03
50% = 22.337, 25% = 24.767; WJAS.L=22.34 WOBL.L=8.79 WATR.L=6.10									
CJMR/U	CA ON MISSISSAUGA	75.17	24.23	24.23	141.64	11.17	394.24	219.21	175.03
50% = 22.337, 25% = 24.767; WJAS.L=22.34 WOBL.L=8.79 WATR.L=6.10									
WISW.L	US SC COLUMBIA	160.85	5.86	11.07	39.56	2.25	284.64	103.64	181.00
50% = 6.402, 25% = 9.009; WJAS.L=3.52 WCOG.L=3.20 WKIN.L=3.11 WYRD.L=2.96 KXYZ.L=2.95 WJGR.L=2.71									
WDOD.L=2.66 WAGY.L=2.48 WAGF.L=2.39 WCVG.L=2.27									
WAGF.L	US AL DOTHAN	183.23	3.63	7.83	28.00	2.94	525.48	341.78	183.70
50% = 9.484, 25% = 11.772; WJGR.L=6.46 KXYZ.L=5.48 WJAS.L=4.26 WDDV.L=4.14 WDOD.L=3.57 WISW.L=3.17									
WAGY.L=2.94									
WTKZ.L	US PA ALLENTOWN	103.41	8.48	14.95	51.78	2.80	270.27	78.81	191.46
50% = 9.95, 25% = 11.195; WJAS.L=7.88 WATR.L=6.08 WGET.L=4.26 CJMR/U=2.87									
WKIN.L	US TN KINGSFORT	163.96	10.05	17.28	68.81	4.44	322.67	129.26	193.40
50% = 15.434, 25% = 17.762; WJAS.L=12.52 WCOG.L=9.02 WAGY.L=7.09 WJGR.L=5.19									
WHBL.L	US WI SHEBOYGAN	297.04	26.68	39.97	209.18	1.47	351.57	154.62	196.95
50% = 5.15, 25% = 5.883; KWLO.L=3.81 WTRX.L=2.48 WYRD.L=2.42 KNSS.L=2.23 WVHI.L=1.77									
WATR.L	US CT WATERBURY	93.25	6.31	11.73	35.91	2.01	280.37	74.23	206.14
50% = 6.503, 25% = 8.055; WJAS.L=4.20 WARL.L=3.83 WDER.L=3.16 CJMR/A=2.99 WGET.L=2.65 WJGR.L=2.58									
KYHN.L	US AR FORT SMITH	229.46	4.46	9.03	30.70	3.56	579.48	344.09	235.40
50% = 10.194, 25% = 13.53; KXYZ.L=8.96 KSIV.L=4.86 WJAS.L=4.46 KLWN.L=4.42 WKAN.L=3.77 WKIN.L=3.58									
WILS.L=3.56									
NEW.A	US GA COOSA	184.03	6.67	12.27	45.07	5.24	581.67	345.64	236.03
50% = 19.079, 25% = 21.419; WJGR.L=12.38 WISW.L=10.49 WAGY.L=10.03 WJAS.L=8.20 WCVG.L=5.24									
WCOG.L	US NC GREENSBORO	149.00	8.02	14.27	53.04	2.91	274.02	33.98	240.04
50% = 9.013, 25% = 11.627; WJAS.L=9.01 WKIN.L=4.01 WGET.L=3.38 WATR.L=2.99 WISW.L=2.98 WOBL.L=2.94									
WARL.L	US MA ATTLEBORO	89.34	5.00	9.82	27.93	1.78	319.30	73.75	245.55
50% = 6.126, 25% = 7.135; WDER.L=3.94 WATR.L=3.51 WJAS.L=3.11 WJGR.L=2.57 WGET.L=1.88 WISW.L=1.80									
KELO.L	US SD SIOUX FALLS	279.73	6.16	11.52	34.69	2.10	302.50	55.57	246.93
50% = 6.652, 25% = 8.394; KOLT.L=3.43 KWLO.L=3.40 KYHN.L=3.37 KLWN.L=3.09 KSIV.L=2.42 KXYZ.L=2.38									
KHRT.L=2.25 WJAS.L=2.23 CHMB/A=2.17									
WIBA.L	US WI MADISON	277.76	19.25	30.44	143.16	1.00	349.80	76.51	273.28
50% = 2.858, 25% = 4.097; UNK-A=1.53 WTLC.L=1.47 WDOD.L=1.39 KRBI.L=1.32 KDLS.L=1.23 KTCK.L=1.18									
WRDZ.L=1.18 WTTL.L=1.12 WCMS.L=1.02 WDTW.L=1.01 KOCR.L=1.00									
WKAN.L	US IL KANKAKEE	238.91	24.17	36.88	192.33	18.84	489.67	187.43	302.24
50% = 20.929, 25% = 26.696; WILS.L=20.93 WJAS.L=10.37 WCVG.L=8.20 WFHR.L=7.56 WOBL.L=6.54									
WGET.L	US PA GETTYSBURG	114.00	10.17	17.46	65.83	4.96	376.72	62.10	314.62
50% = 19.84, 25% = 19.84; WJAS.L=19.84									
WDTW.L	US MI DEARBORN	108.77	49.72	62.91	372.66	3.13	419.70	104.33	315.37
50% = 11.873, 25% = 12.513; WTLC.L=10.40 WDPN.L=5.73 WIBA.L=3.95									
KLWN.L	US KS LAWRENCE	248.96	6.10	11.42	38.18	4.40	576.22	134.67	441.55
50% = 12.778, 25% = 17.381; KYHN.L=10.82 KOLT.L=6.80 KSIV.L=6.00 KELO.L=5.83 WKAN.L=5.18 KXYZ.L=4.76									
WILS.L=4.40									
WDER.L	US NH DERRY	84.04	5.07	9.91	27.50	3.22	585.34	95.26	490.08
50% = 12.875, 25% = 12.875; WATR.L=11.35 WARL.L=6.08									

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KOLT.L	US	NE	SCOTTSBLUFF	273.39	1.71	5.13	14.77	1.68	567.80	42.38	525.41
50% = 4.849, 25% = 6.709; KFNZ.L=3.59 KXYZ.L=3.26 KFKA.L=2.10 CHQM/A=1.99 KHRT.L=1.91 KYHN.L=1.81 KLWN.L=1.77 KNSS.L=1.76											
KFNZ.L	US	UT	SALT LAKE CITY	273.72	0.00	0.90	7.04	1.00	709.62	42.17	667.45
50% = 3.344, 25% = 3.996; KXYZ.L=2.74 KLIX.L=1.92 KYHN.L=1.58 KWKW.L=1.09 KOLT.L=1.05											
UNK-B (0)	TK		GRAND TURK	142.34	0.00	0.00	3.00	0.50	832.39S	19.60	812.78
UNK-B (5)	TK		GRAND TURK	141.24	0.00	0.00	2.96	0.50	845.48S	18.85	826.63
UNK-B (10)	TK		GRAND TURK	140.31	0.00	0.00	2.87	0.50	872.02S	18.45	853.58
UNK-B (15)	TK		GRAND TURK	139.61	0.00	0.00	2.76	0.50	905.96S	18.27	887.69
UNK-B (20)	TK		GRAND TURK	139.18	0.00	0.00	2.66	0.50	939.68S	18.21	921.48
UNK-B (25)	TK		GRAND TURK	139.07	0.00	0.00	2.55	0.50	979.71S	18.20	961.52
UNK-B (30)	TK		GRAND TURK	139.38	0.00	0.00	2.40	0.50	1042.00S	18.23	1023.77
UNK-B (35)	TK		GRAND TURK	140.28	0.00	0.00	2.25	0.50	1113.38S	18.44	1094.94
UNK-B (40)	TK		GRAND TURK	142.13	0.00	0.00	2.10	0.50	1189.04S	19.44	1169.60
UNK-B (45)	TK		GRAND TURK	143.89	0.00	0.00	2.01	0.50	1246.80S	21.25	1225.55
UNK-B (50)	TK		GRAND TURK	140.90	0.00	0.00	2.02	0.50	1236.74S	18.68	1218.07
UNK-B (55)	TK		GRAND TURK	138.80	0.00	0.00	1.98	0.50	1262.03S	18.18	1243.85
UNK-B (60)	TK		GRAND TURK	137.52	0.00	0.00	1.91	0.50	1307.61S	18.31	1289.30
UNK-B (65)	TK		GRAND TURK	136.78	0.00	0.00	1.83	0.50	1364.22S	18.53	1345.69
UNK-B (70)	TK		GRAND TURK	136.39	0.00	0.00	1.75	0.50	1426.63S	18.69	1407.94
UNK-B (75)	TK		GRAND TURK	134.79	0.00	0.00	1.64	0.50	1528.13S	19.69	1508.44
UNK-B (80)	TK		GRAND TURK	134.70	0.00	0.00	1.55	0.50	1613.23S	19.76	1593.46
UNK-B (85)	TK		GRAND TURK	135.96	0.00	0.00	1.51	0.50	1651.53S	18.91	1632.62
UNK-B (90)	TK		GRAND TURK	137.97	0.00	0.00	1.52	0.50	1646.65S	18.23	1628.42
UNK-B (95)	TK		GRAND TURK	139.00	0.00	0.00	1.50	0.50	1670.86S	18.19	1652.67
UNK-B (100)	TK		GRAND TURK	140.38	0.00	0.00	1.50	0.50	1665.56S	18.47	1647.09
UNK-B (105)	TK		GRAND TURK	142.43	0.00	0.00	1.56	0.50	1601.25S	19.68	1581.57
UNK-B (110)	TK		GRAND TURK	144.82	0.00	0.00	1.68	0.50	1485.65S	22.63	1463.03
UNK-B (115)	TK		GRAND TURK	142.56	0.00	0.00	1.45	0.50	1723.27S	19.79	1703.48
UNK-B (120)	TK		GRAND TURK	142.06	0.00	0.00	1.34	0.50	1871.75S	19.39	1852.36
UNK-B (125)	TK		GRAND TURK	140.71	0.00	0.00	1.10	0.50	2273.19S	18.60	2254.59
UNK-B (130)	TK		GRAND TURK	140.51	0.00	0.00	0.94	0.50	2671.45S	18.52	2652.93
UNK-B (135)	TK		GRAND TURK	141.32	0.00	0.00	0.84	0.50	2962.24S	18.90	2943.34
UNK-B (140)	TK		GRAND TURK	142.57	0.00	0.00	0.79	0.50	3162.98S	19.81	3143.17
UNK-B (145)	TK		GRAND TURK	144.32	0.00	0.00	0.80	0.61	3809.52s	21.86	3787.66
UNK-B (150)	TK		GRAND TURK	146.06	0.00	0.00	0.82	0.77	4692.21s	24.99	4667.22
UNK-B (155)	TK		GRAND TURK	147.64	0.00	0.00	0.85	0.94	5512.39s	28.93	5483.46
UNK-B (160)	TK		GRAND TURK	149.11	0.00	0.00	0.88	1.09	6174.15s	33.58	6140.57
UNK-B (165)	TK		GRAND TURK	150.49	0.00	0.00	0.91	1.22	6711.61s	38.84	6672.76
UNK-B (170)	TK		GRAND TURK	151.81	0.00	0.00	0.93	1.33	7112.47s	44.67	7067.79
UNK-B (175)	TK		GRAND TURK	153.08	0.00	0.00	0.96	1.41	7385.21s	51.07	7334.14
UNK-B (180)	TK		GRAND TURK	154.45	0.00	0.00	0.97	1.43	7403.02s	58.71	7344.31
UNK-B (185)	TK		GRAND TURK	155.85	0.00	0.00	0.98	1.42	7282.80s	67.42	7215.38
UNK-B (190)	TK		GRAND TURK	157.32	0.00	0.00	0.99	1.39	7028.28s	77.38	6950.90
UNK-B (195)	TK		GRAND TURK	159.14	0.00	0.00	0.98	1.26	6444.03s	90.94	6353.09
UNK-B (200)	TK		GRAND TURK	161.31	0.00	0.00	0.96	1.09	5635.27s	108.74	5526.53
UNK-B (205)	TK		GRAND TURK	165.46	0.00	0.00	0.86	0.65	3756.32s	147.19	3609.14
UNK-B (210)	TK		GRAND TURK	168.25	0.00	0.00	0.85	0.50	2953.37s	175.78	2777.58
UNK-B (215)	TK		GRAND TURK	169.72	0.00	0.00	0.90	0.50	2767.06S	191.59	2575.46
UNK-B (220)	TK		GRAND TURK	170.99	0.00	0.00	0.97	0.50	2578.81S	205.49	2373.32
UNK-B (225)	TK		GRAND TURK	172.02	0.00	0.00	1.05	0.50	2386.92S	216.99	2169.93
UNK-B (230)	TK		GRAND TURK	172.76	0.00	0.00	1.15	0.50	2182.75S	225.26	1957.49
UNK-B (235)	TK		GRAND TURK	173.09	0.00	0.00	1.26	0.50	1990.32S	229.05	1761.27
UNK-B (240)	TK		GRAND TURK	172.89	0.00	0.00	1.39	0.50	1794.61S	226.69	1567.92
UNK-B (245)	TK		GRAND TURK	171.82	0.00	0.00	1.56	0.50	1607.14S	214.74	1392.40
UNK-B (250)	TK		GRAND TURK	169.59	0.00	0.00	1.75	0.50	1427.95S	190.16	1237.78
UNK-B (255)	TK		GRAND TURK	164.90	0.00	0.00	1.95	0.50	1280.58S	141.71	1138.87
UNK-B (260)	TK		GRAND TURK	156.85	0.00	0.00	2.05	0.83	2019.99g	74.08	1945.92
UNK-B (265)	TK		GRAND TURK	156.19	0.00	0.00	2.12	0.50	1179.89S	69.62	1110.27
UNK-B (270)	TK		GRAND TURK	151.49	0.00	0.00	2.04	0.50	1225.24S	43.18	1182.07
UNK-B (275)	TK		GRAND TURK	154.31	0.00	0.00	2.21	0.50	1129.83S	57.87	1071.95
UNK-B (280)	TK		GRAND TURK	156.25	0.00	0.00	2.42	0.50	1033.40S	69.99	963.41

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UNK-B (285)	TK		GRAND TURK	156.94	0.00	0.00	2.59	0.50	963.89S	74.70	889.18
UNK-B (290)	TK		GRAND TURK	156.97	0.00	0.00	2.72	0.50	918.13S	74.85	843.28
UNK-B (295)	TK		GRAND TURK	157.91	0.00	0.00	3.04	0.50	822.73S	81.57	741.16
UNK-B (300)	TK		GRAND TURK	157.69	0.16	0.16	3.32	0.50	753.97S	80.00	673.97
UNK-B (305)	TK		GRAND TURK	156.03	0.23	0.23	3.38	0.50	740.60S	68.55	672.05
UNK-B (310)	TK		GRAND TURK	153.48	0.00	0.00	3.16	0.50	791.14S	53.14	738.00
UNK-B (315)	TK		GRAND TURK	152.09	0.00	0.00	3.14	0.50	795.90S	45.98	749.92
UNK-B (320)	TK		GRAND TURK	150.70	0.00	0.00	3.05	0.50	818.95S	39.67	779.28
UNK-B (325)	TK		GRAND TURK	149.38	0.00	0.00	2.87	0.50	870.56S	34.51	836.05
UNK-B (330)	TK		GRAND TURK	148.27	0.00	0.00	2.64	0.50	948.24S	30.79	917.45
UNK-B (335)	TK		GRAND TURK	147.61	0.00	0.00	2.28	0.50	1096.68S	28.83	1067.85
UNK-B (340)	TK		GRAND TURK	147.05	0.00	0.00	2.53	0.50	987.63S	27.31	960.32
UNK-B (345)	TK		GRAND TURK	146.02	0.00	0.00	2.75	0.50	907.59S	24.90	882.69
UNK-B (350)	TK		GRAND TURK	144.81	0.00	0.00	2.91	0.50	857.83S	22.61	835.21
UNK-B (355)	TK		GRAND TURK	143.55	0.00	0.00	3.00	0.50	834.68S	20.83	813.85
WVHI.L	US	IN	EVANSVILLE	207.18	12.99	21.61	92.95	2.30	1235.21	449.69	785.53
50% = 7.048, 25% = 9.186; WYRD.L=5.95 KNSS.L=3.78 WGFT.L=3.03 KVOL.L=2.70 WFNN.L=2.51 KWLO.L=2.49 WHBL.L=2.40											
WFNN.L	US	PA	ERIE	98.89	19.59	30.90	147.06	2.74	933.18	69.72	863.47
50% = 8.419, 25% = 11.031; WSPQ.L=6.12 WYRD.L=5.78 WJSS.L=3.70 WGFT.L=3.35 WJAS.L=3.24 WWRV.L=2.80 WTRX.L=2.74											
WDOD.L	US	TN	CHATTANOOGA	184.32	7.82	13.97	52.75	1.35	1282.82	346.24	936.59
50% = 4.124, 25% = 5.413; UNK-A=2.92 WNQM.L=2.91 WDXI.L=1.80 YNKS-A=1.74 WTLC.L=1.52 WAGY.L=1.37 KTCK.L=1.37											
WDPN.L	US	OH	ALLIANCE	121.71	21.74	33.76	169.35	3.56	1050.13	36.94	1013.19
50% = 11.862, 25% = 14.227; WDTW.L=11.86 WRSB.L=4.31 WCMS.L=3.97 WIBA.L=3.71 WTLC.L=3.69											
KWLO.L	US	IA	WATERLOO	271.00	11.57	19.53	75.21	1.64	1091.63	47.33	1044.29
50% = 5.677, 25% = 6.684; WHBL.L=4.17 KNSS.L=2.90 WVHI.L=2.54 WLOL.L=2.48 WYRD.L=1.90 WTRX.L=1.64											
WYRD.L	US	SC	GREENVILLE	166.72	7.25	13.12	48.54	1.21	1241.86	157.24	1084.62
50% = 3.12, 25% = 4.822; WPJS.L=1.67 WBTM.L=1.59 WMLT.L=1.57 WSGF.L=1.40 WJRI.L=1.38 WSSC.L=1.34 KNSS.L=1.33 WADE.L=1.31 WRHI.L=1.31 XEFC/A=1.28 WBAC.L=1.24 WKGN.L=1.21											
WGFT.C	US	OH	CAMPBELL	115.70	20.17	31.69	154.36	3.48	1126.14	40.33	1085.81
50% = 13.196, 25% = 13.907; WFNN.L=9.12 WYRD.L=7.43 WSPQ.L=5.98 WWRV.L=4.39											
WCCW.C	US	MI	TRAVERSE CITY	340.57	30.11	43.99	235.72	7.51	1593.99	491.93	1102.05
50% = 26.975, 25% = 30.059; WIBA.L=20.96 WDTW.L=16.98 WOOD.L=10.23 WTLC.L=8.44											
CKEC/A	CA	NS	NEW GLASGOW	71.64	2.15	2.15	15.19	4.08	1342.25	236.15	1106.10
50% = 8.445, 25% = 10.248; WARL.L=7.39 CJSO/ =4.08 WDER.L=3.58 CJMR/A=3.46 WATR.L=3.00											
WGFT.L	US	OH	CAMPBELL	117.21	19.74	31.11	150.53	3.56	1181.49	38.86	1142.63
50% = 12.153, 25% = 14.228; WFNN.L=9.46 WYRD.L=7.63 WSPQ.L=5.73 WWRV.L=4.68											
WTTL.L	US	KY	MADISONVILLE	203.75	11.29	19.11	78.80	2.65	1683.08	457.02	1226.06
50% = 9.649, 25% = 10.611; WDOD.L=9.65 WDXI.L=4.42											
WLOL.L	US	MN	MINNEAPOLIS	291.94	9.35	16.25	54.58	1.51	1381.44	85.57	1295.87
50% = 6.032, 25% = 6.032; KWLO.L=3.81 KNSS.L=3.66 WHBL.L=2.91											
WLQY.L	US	FL	HOLLYWOOD	166.45	0.11	2.96	14.66	4.29	1462.45	156.54	1305.91
50% = 15.114, 25% = 17.156; WJGR.L=15.11 WDDV.L=6.23 WAGF.L=5.20											
NEW.A	US	CO	WALSENBURG	258.80	0.56	3.56	12.87	3.82	1485.05	61.46	1423.59
50% = 14.1, 25% = 15.29; KOLT.L=10.38 KYHN.L=7.00 KFNZ.L=6.49 KXYZ.L=5.91											
WWRV.L	US	NY	NEW YORK	98.62	7.06	12.84	41.39	1.27	1530.06	79.27	1450.79
50% = 3.632, 25% = 5.128; WYRD.L=2.56 WRCA.L=1.84 WJSS.L=1.79 WRCA.C=1.58 WSPQ.L=1.43 CKLD/A=1.36 WFNN.L=1.34 WJNX.L=1.29 WHAT.L=1.28 WGFT.L=1.27											

## Exhibit 16.1

### Tabulation of Proposed Nighttime Allocation

Call Letters	Ct St City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
WSPQ.L	US NY SPRINGVILLE	89.60	15.33	24.99	106.63	3.33	1559.99	92.20	1467.79
50% = 10.91, 25% = 13.308; WGFT.L=8.99 WFNN.L=6.18 WYRD.L=4.59 WJSS.L=4.40 WWRV.L=4.19									
WRSB.L	US NY CANANDAIGUA	84.67	12.17	20.41	78.14	2.54	1624.83	111.66	1513.16
50% = 7.86, 25% = 10.158; WDCT.L=5.40 WEMG.L=4.38 WTLC.L=3.67 WORC.L=3.47 CIWW/A=3.42 WDPN.L=3.12 WERE.L=2.82									
NEW.A	US CO KEYSTONE	266.60	0.44	3.40	11.79	3.96	1680.30	37.48	1642.82
50% = 13.844, 25% = 15.855; KOLT.L=13.84 KFNZ.L=6.45 KXYZ.L=4.26									
KNSS.L	US KS WICHITA	247.17	4.13	8.55	27.59	1.01	1832.23	152.76	1679.47
50% = 3.188, 25% = 4.099; KWKW.L=2.13 WYRD.L=1.78 KLBS.L=1.56 KINE.L=1.25 KEBC.L=1.25 KTFX.L=1.20 XEBO/A=1.01 WHBL.L=1.01									
KOKX.L	US IA KEOKUK	248.21	11.87	19.96	80.46	3.51	2183.31	136.57	2046.74
50% = 13.198, 25% = 14.054; WTLC.L=13.20 WTTL.L=4.83									
WDDV.L	US FL VENICE	172.57	0.82	3.91	16.86	7.91	2345.06	222.68	2122.39
50% = 30.13, 25% = 31.626; WJGR.L=30.13 WAGF.L=9.61									
KHRT.L	US ND MINOT	301.35	2.51	6.24	13.90	6.24	2242.96	100.44	2142.52
50% = 24.943, 25% = 24.943; KELO.L=20.72 KOZY.L=13.89									
KSDT.L	US CA HEMET	261.46	0.00	0.00	4.94	2.21	2230.84	48.95	2181.89
50% = 7.616, 25% = 8.823; KKSM.L=5.48 KFNZ.L=3.95 KYHN.L=3.52 KCTC.L=3.34 KXYZ.L=2.95									
WEMG.L	US NJ CAMDEN	107.22	7.71	13.81	46.88	2.27	2416.86	77.77	2339.09
50% = 6.554, 25% = 9.065; WDCT.L=6.55 WADB.L=3.11 UNK-A=2.99 WCMS.L=2.83 WICH.L=2.66 WRSB.L=2.35									
WJSS.L	US MD HAVRE DE GRACE	112.59	8.54	15.03	53.35	2.57	2410.89	67.75	2343.14
50% = 8.614, 25% = 10.289; WWRV.L=5.22 WFNN.L=5.08 WGFT.L=4.60 WSPQ.L=4.09 WYRD.L=3.86									
WDXI.L	US TN JACKSON	206.32	7.65	13.72	51.21	2.92	2855.14	474.37	2380.77
50% = 10.021, 25% = 11.697; WDOD.L=10.02 WTTL.L=4.96 WTLC.L=3.43									
NEW.A	US HI EWA BEACH	275.56	0.00	0.00	0.86	0.42	2439.66	44.72	2394.94
50% = 1.35, 25% = 1.651; KCTC.L=1.35 KFNZ.L=0.60 KKSM.L=0.43 KYHN.L=0.43 KXYZ.L=0.42									
NEW.A	US HI EWA BEACH	275.57	0.00	0.00	0.86	0.42	2439.69	44.73	2394.96
50% = 1.349, 25% = 1.65; KCTC.L=1.35 KFNZ.L=0.60 KKSM.L=0.43 KYHN.L=0.43 KXYZ.L=0.42									
NEW.A	US HI EWA BEACH	275.57	0.00	0.00	0.86	0.42	2439.69	44.73	2394.96
50% = 1.349, 25% = 1.65; KCTC.L=1.35 KFNZ.L=0.60 KKSM.L=0.43 KYHN.L=0.43 KXYZ.L=0.42									
WDCT.L	US VA FAIRFAX	121.74	9.24	16.08	59.58	2.96	2481.73	43.75	2437.98
50% = 9.397, 25% = 12.081; WEMG.L=6.52 WADB.L=4.82 WCMS.L=4.76 WTLC.L=3.96 WTLB.L=3.64 WDPN.L=3.26 UNK-A=3.06 WJAS.L=2.96									
KSDT.A	US CA REDLANDS	262.13	0.00	0.00	4.90	2.46	2510.93	46.44	2464.49
50% = 8.096, 25% = 9.834; KKSM.L=6.73 KFNZ.L=4.50 KYHN.L=3.40 KCTC.L=3.35 KXYZ.L=2.89									
KXRO.L	US WA ABERDEEN	292.60	0.00	0.00	2.31	1.18	2561.84	71.97	2489.87
50% = 3.679, 25% = 4.737; CHQM/A=3.10 KFNZ.L=1.98 KKPZ.L=1.76 KOLT.L=1.47 KNPT.L=1.41 KELO.L=1.28									
KOCR.L	US MO JOPLIN	237.34	5.51	10.56	35.84	1.98	2762.64	256.49	2506.16
50% = 6.228, 25% = 7.92; KTCK.L=3.84 WTTL.L=3.52 WTLC.L=3.42 WIBA.L=2.80 WDOD.L=2.39 KOKX.L=2.31 KDLS.L=2.25									
WBTM.L	US VA DANVILLE	144.56	8.34	14.75	55.04	2.83	2570.11	22.69	2547.42
50% = 9.603, 25% = 11.316; WYRD.L=9.60 WPJS.L=3.89 WVHI.L=3.42 WWRV.L=2.99									
WTLB.L	US NY UTICA	83.20	8.94	15.63	52.17	2.90	2775.04	111.41	2663.63
50% = 9.523, 25% = 11.582; WORC.L=6.90 WEMG.L=4.73 WADB.L=4.55 WRSB.L=4.04 CIWW/A=3.72 WDCT.L=3.64									

## Exhibit 16.1

### Tabulation of Proposed Nighttime Allocation

Call Letters	Ct St City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
KKSM.L	US CA OCEANSIDE	260.71	0.00	0.00	4.82	2.75	2852.54	52.04	2800.50
50% = 9.372, 25% = 11.008; KCTC.L=7.13 KSDT.L=6.08 KFNZ.L=3.55 KYHN.L=3.51 KXYZ.L=2.90									
CHMB/A	CA BC VANCOUVER	297.31	0.00	0.00	3.53	2.10	2969.47	83.89	2885.58
50% = 4.294, 25% = 4.662; KFNZ.L=2.24 KXRO.L=2.12 KELO.L=2.12 KOLT.L=2.10 KOZY.L=1.82									
CHQM/A	CA BC VANCOUVER	297.31	0.00	0.00	3.53	2.10	2969.47	83.89	2885.58
50% = 4.294, 25% = 4.662; KFNZ.L=2.24 KXRO.L=2.12 KELO.L=2.12 KOLT.L=2.10 KOZY.L=1.82									
WADB.L	US NJ ASBURY PARK	103.28	6.84	12.51	40.60	2.42	2979.66	81.62	2898.04
50% = 8.649, 25% = 9.678; WDCT.L=6.49 WEMG.L=5.72 WICH.L=3.13 UNK-A=3.01									
WSKN.L	US PR SAN JUAN	141.28	0.00	0.00	5.74	3.48	3025.08	18.80	3006.27
50% = 12.478, 25% = 14.15; YVWT-A=8.71 HJPC-A=6.33 YVZR-A=6.31 UNK-A=4.26 HJHT-A=3.78 WCOG.L=3.48									
NEW.A	US AZ BELLEMONT	259.78	0.00	0.00	7.01	4.40	3135.78	56.41	3079.37
50% = 16.779, 25% = 17.582; KFNZ.L=14.98 KCTC.L=7.56 KYHN.L=5.25									
NEW.A	US AZ FLAGSTAFF	259.47	0.00	0.00	7.14	4.57	3203.44	57.94	3145.50
50% = 15.909, 25% = 18.294; KFNZ.L=15.91 KCTC.L=7.23 KYHN.L=5.41									
WORC.L	US MA WORCESTER	88.07	5.41	10.41	29.96	1.95	3255.38	75.53	3179.85
50% = 6.433, 25% = 7.849; WEMG.L=4.41 WLOB.L=3.49 WADB.L=3.13 UNK-A=2.66 CHGB/U=2.27 CIWW/A=2.04 WDCT.L=1.95									
KGDC.L	US WA WALLA WALLA	289.75	0.00	0.00	3.59	2.43	3389.96	66.29	3323.67
50% = 7.869, 25% = 9.729; KXRO.L=7.87 KFNZ.L=3.22 CHQM/A=2.90 KOLT.L=2.66 KCTC.L=2.63									
WISE.L	US NC ASHEVILLE	166.41	8.41	14.85	56.63	4.02	3551.90	153.42	3398.48
50% = 15.462, 25% = 16.092; WDOD.L=12.92 WTLC.L=8.49 WTTT.L=4.46									
WCMS.L	US VA NEWPORT NEWS	128.85	6.65	12.24	42.35	2.96	3493.50	27.76	3465.74
50% = 10.155, 25% = 11.835; WTLC.L=5.33 WDCT.L=5.13 WEMG.L=5.00 WADB.L=4.84 WDOD.L=3.84 UNK-A=3.64 WICH.L=2.99									
KTCK.L	US TX DALLAS	229.05	1.97	5.49	19.69	1.62	4112.78	350.84	3761.94
50% = 4.846, 25% = 6.479; KYHN.L=4.00 XEDN/A=2.73 KXYZ.L=2.04 XEHV/A=2.00 UNK-A=1.93 YNKS-A=1.84 XETIA/A=1.79									
WICH.L	US CT NORWICH	92.29	5.51	10.55	31.10	2.39	3844.76	74.00	3770.76
50% = 8.004, 25% = 9.566; WEMG.L=5.25 WORC.L=4.66 WADB.L=3.85 WLOB.L=3.32 WDCT.L=2.92 UNK-A=2.81									
KCTC.A	US CA WEST SACRAMENTO	274.47	0.00	0.00	3.69	2.90	3929.55	43.18	3886.37
50% = 10.526, 25% = 11.585; KFNZ.L=10.53 KSDT.L=3.84 KXRO.L=2.94									
KCTC.L	US CA SACRAMENTO	274.47	0.00	0.00	3.69	2.90	3929.55	43.18	3886.37
50% = 10.526, 25% = 11.585; KFNZ.L=10.53 KSDT.L=3.84 KXRO.L=2.94									
WTIK.L	US NC DURHAM	144.19	7.26	13.13	47.51	3.91	4119.35	21.92	4097.43
50% = 13.082, 25% = 15.72; WTLC.L=8.26 WDOD.L=7.94 WDCT.L=6.31 WCMS.L=5.69 WDPN.L=5.32 WISE.L=3.91									
XEUI1/A	MX CS COMITAN	195.82	0.00	0.00	3.52	3.26	4640.49	454.58	4185.91
50% = 7.082, 25% = 8.128; KXYZ.L=5.34 XECY/A=3.31 WJGR.L=3.26 WDDV.L=2.83 TILX-A=2.81									
XEUI/A	MX CS COMITAN	195.91	0.00	0.00	3.53	3.28	4644.26	455.11	4189.15
50% = 7.142, 25% = 8.174; KXYZ.L=5.40 XECY/A=3.34 WJGR.L=3.28 WDDV.L=2.84 TILX-A=2.79									
WRCA.C	US MA WATERTOWN	87.36	4.95	9.73	27.34	2.36	4316.89	77.66	4239.24
50% = 8.485, 25% = 9.441; CKLD/A=6.05 WWRV.L=5.95 WSPQ.L=4.14									
NEW.A	US CA PORTERVILLE	267.75	0.00	0.00	4.37	3.76	4301.73	36.97	4264.76
50% = 12.763, 25% = 15.036; KFNZ.L=9.33 KSDT.L=8.71 KCTC.L=6.23 KKSM.L=4.93									

## Exhibit 16.1

### Tabulation of Proposed Nighttime Allocation

Call Letters	Ct St City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
NEW.A	US NY ONTARIO	81.87	12.24	20.52	78.34	6.92	4413.55	136.21	4277.34
50% = 24.793, 25% = 27.662; WFNN.L=17.79 WSPQ.L=17.27 WGFT.L=8.96 WWRV.L=8.38									
NEW.A	US OR MERLIN	283.02	0.00	0.00	2.93	2.55	4346.85	55.45	4291.40
50% = 10.199, 25% = 10.199; KFNZ.L=6.80 KXRO.L=5.97 KCTC.L=4.70									
NEW.A	US NY ONTARIO	81.58	12.12	20.33	77.23	7.01	4537.51	138.42	4399.09
50% = 25.197, 25% = 28.035; WFNN.L=17.83 WSPQ.L=17.81 WGFT.L=8.85 WWRV.L=8.53									
KDLS.L	US IA PERRY	266.70	8.73	15.32	53.60	4.81	4489.15	40.29	4448.86
50% = 17.716, 25% = 19.248; KOKX.L=15.77 WTLC.L=8.06 KOCR.L=7.53									
WRCA.L	US MA WALTHAM	87.02	5.01	9.82	27.61	2.51	4552.43	78.99	4473.44
50% = 9.09, 25% = 10.055; WWRV.L=6.89 CKLD/A=5.92 WSPQ.L=4.30									
CMEN-D	CU CAIBARIEN	166.27	0.00	0.00	2.84	2.67	4701.70	154.74	4546.96
50% = 5.738, 25% = 6.267; WJGR.L=3.88 WDDV.L=3.28 WLQY.L=2.67 WAGF.L=1.93 HJPC-A=1.62									
WMLT.L	US GA DUBLIN	171.47	4.72	9.40	33.38	3.22	4819.85	208.99	4610.86
50% = 11.143, 25% = 12.872; WYRD.L=11.14 WPJS.L=4.25 WBTM.L=3.48 WVHI.L=3.37									
XERJ1/A	MX SI MAZATLAN	229.83	0.00	0.00	3.73	4.02	5383.29	343.29	5039.99
50% = 8.042, 25% = 9.82; KXYZ.L=6.69 KYHN.L=4.47 XEJZ/A=3.62 XECY/A=3.35 XESR/A=2.73									
XERJ/A	MX SI MAZATLAN	229.77	0.00	0.00	3.74	4.04	5395.06	343.89	5051.18
50% = 8.072, 25% = 9.849; KXYZ.L=6.71 KYHN.L=4.48 XEJZ/A=3.62 XECY/A=3.37 XESR/A=2.72									
KRBI.L	US MN ST. PETER	287.33	8.76	15.37	50.89	5.24	5144.61	73.81	5070.81
50% = 19.16, 25% = 20.947; WIBA.L=19.16 KOKX.L=8.46									
XESR/A	MX BS SANTA ROSALIA	244.66	0.00	0.00	3.54	3.87	5470.48	179.28	5291.20
50% = 7.736, 25% = 10.074; XERJ/A=4.99 KFNZ.L=4.30 KYHN.L=4.06 KXYZ.L=3.68 KSDT.L=3.44 KKSM.L=2.88 XEJZ/A=2.82									
XECY/A	MX HG HUEJUTLA DE REY	212.54	0.00	0.00	4.57	5.94	6494.55	476.79	6017.76
50% = 11.884, 25% = 13.487; KXYZ.L=11.88 XEUI/A=4.59 XERJ/A=4.43									
XESF/O	MX NL MONTEMORELOS	220.43	0.00	0.00	6.47	8.48	6549.67	431.37	6118.30
50% = 16.962, 25% = 19.683; KXYZ.L=16.96 KYHN.L=6.85 XERJ/A=5.28 XECY/A=4.99									
XESY/A	MX SO MAGDALENA	248.89	0.00	0.00	4.70	5.96	6340.46	137.06	6203.40
50% = 11.917, 25% = 15.013; KFNZ.L=9.89 KYHN.L=6.64 KXYZ.L=5.44 KSDT.L=4.88 XERJ/A=3.89 XESR/A=3.84									
XENM/O	MX AG AGUASCALIENTES	220.93	0.00	0.00	4.12	5.59	6783.62	427.48	6356.14
50% = 11.184, 25% = 12.864; KXYZ.L=9.23 XERJ/A=6.31 XECY/A=5.30 KYHN.L=3.51									
XENM1/O	MX AG AGUASCALIENTES	221.08	0.00	0.00	4.15	5.65	6804.52	426.31	6378.21
50% = 11.294, 25% = 12.978; KXYZ.L=9.35 XERJ/A=6.34 XECY/A=5.28 KYHN.L=3.61									
XEUH/O	MX OA TUXTEPEC	205.22	0.00	0.00	3.77	5.28	6998.76	487.57	6511.19
50% = 11.723, 25% = 11.723; KXYZ.L=7.91 XEUI/A=6.86 XECY/A=5.28									
XECMQ/O	MX DF LA PRADERA	212.20	0.00	0.00	3.85	5.41	7023.46	477.98	6545.48
50% = 10.824, 25% = 12.622; KXYZ.L=8.66 XECY/A=6.49 XEUI/A=4.82 XERJ/A=4.35									
XEFRO/O	MX TB FRONTERA	198.45	0.00	0.00	4.24	6.02	7096.39	468.89	6627.50
50% = 12.034, 25% = 13.91; KXYZ.L=8.62 XEUI/A=8.39 WJGR.L=4.25 XECY/A=4.24 WDDV.L=3.55									
WNIX.L	US MS GREENVILLE	210.62	4.41	8.95	31.42	4.56	7256.02	478.27	6777.74
50% = 16.575, 25% = 18.239; WVHI.L=11.83 KNSS.L=8.87 KVOL.L=7.49 KWLO.L=5.52 WYRD.L=5.25									
XE/A	MX TB CARDENAS	199.43	0.00	0.00	4.01	5.84	7287.00	473.25	6813.75
50% = 11.681, 25% = 12.997; XEUI/A=8.59 KXYZ.L=7.91 XECY/A=4.35 WJGR.L=3.68									

## Exhibit 16.1

### Tabulation of Proposed Nighttime Allocation

Call Letters	Ct St City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
KNOX.L	US ND GRAND FORKS	305.22	4.73	9.41	22.98	3.19	6940.85	121.86	6818.99
50% = 11.176, 25% = 12.757; WIBA.L=11.18 KRBI.L=5.11 KOZY.L=3.43									
XENI/O	MX MC URUAPAN	217.62	0.00	0.00	3.44	5.02	7307.19	451.16	6856.03
50% = 10.047, 25% = 10.533; KXYZ.L=6.44 XERJ/A=5.66 XECY/A=5.24 XEUI/A=3.16									
TGME-B	GT QUEZADA	190.92	0.00	0.00	1.24	1.82	7342.58	418.67	6923.91
50% = 3.678, 25% = 4.183; XEUI/A=3.20 TILX-A=1.82 KXYZ.L=1.30 WJGR.L=1.11 WDDV.L=1.02									
YSHQ-D	ES SAN SALVADOR	189.21	0.00	0.00	1.19	1.78	7464.63	403.67	7060.96
50% = 3.566, 25% = 4.165; XEUI/A=2.89 TILX-A=2.09 KXYZ.L=1.12 HCVG8-A=1.12 WJGR.L=1.04 HJPC-A=1.02									
XEJZ/A	MX CH CD.JIMENEZ	233.32	0.00	0.00	5.56	8.25	7421.06	305.00	7116.06
50% = 16.507, 25% = 18.226; KXYZ.L=12.46 KYHN.L=10.83 XERJ/A=6.26 KFNZ.L=4.53									
NEW.A	US TX MOORE	221.98	1.14	4.34	17.16	2.68	7811.86	418.67	7393.19
50% = 9.527, 25% = 10.876; KTCK.L=9.53 XEDN/A=3.39 KXYZ.L=2.98 XEHV/A=2.68									
NEW.A	US TX MOORE	221.98	1.14	4.34	17.16	2.68	7811.86	418.67	7393.19
50% = 9.527, 25% = 10.876; KTCK.L=9.53 XEDN/A=3.39 KXYZ.L=2.98 XEHV/A=2.68									
NEW.A	US TX MOORE	221.98	1.14	4.34	17.16	2.68	7811.86	418.67	7393.19
50% = 9.527, 25% = 10.876; KTCK.L=9.53 XEDN/A=3.39 KXYZ.L=2.98 XEHV/A=2.68									
XECPN/O	MX CI PIEDRAS NEGRAS	227.81	0.47	0.47	9.01	14.13	7842.27	364.32	7477.95
50% = 28.262, 25% = 28.262; KXYZ.L=21.21 KYHN.L=18.68									
NEW.A	US ID INKOM	279.93	0.00	1.01	6.57	9.91	7541.12	51.03	7490.08
50% = 39.622, 25% = 39.622; KFNZ.L=39.62									
KEIN.L	US MT GREAT FALLS	293.85	0.00	1.45	5.68	0.86	7576.85	74.92	7501.93
50% = 2.676, 25% = 3.446; WIBA.L=1.53 CHMB/A=1.31 KFNZ.L=1.27 KMKY.L=1.22 KOKX.L=1.04 KKNS.L=1.03 KLER.L=0.96 KXAM.L=0.93 KLIJ.L=0.90									
KFKA.L	US CO GREELEY	268.25	1.07	4.25	13.36	2.07	7756.93	37.31	7719.63
50% = 6.015, 25% = 8.292; KKNS.L=3.85 KLIJ.L=3.44 KEIN.L=3.08 KOKX.L=2.93 KDLS.L=2.64 KTCK.L=2.59 WTLC.L=2.35 KXAM.L=2.19									
YNBL-B	NU R MARAVILLA	183.06	0.00	0.00	1.08	2.02	9398.49	341.82	9056.67
50% = 4.159, 25% = 4.405; TILX-A=3.02 XEUI1/A=2.03 HJPC-A=2.02 HCVG8-A=1.45									
KVOL.L	US LA LAFAYETTE	208.02	1.95	5.45	20.50	4.04	9851.29	486.41	9364.87
50% = 13.367, 25% = 16.158; KNSS.L=10.89 WNIX.L=7.75 WVHI.L=6.50 KWLO.L=4.51 WYRD.L=4.45									
NEW.A	US CA SANTA MARIA	266.53	0.00	0.00	4.03	8.15	10102.14	37.39	10064.76
50% = 32.591, 25% = 32.591; KCTC.L=32.59									
WLOB.L	US ME PORTLAND	79.28	4.42	8.96	23.46	5.26	11202.73	136.97	11065.76
50% = 19.833, 25% = 21.029; WORC.L=19.83 WTLB.L=6.99									
NEW.A	US AK KNIK	319.47	0.00	0.00	0.26	0.60	11433.05	227.07	11205.99
50% = 2.417, 25% = 2.417; CHMB/A=2.42									
TILX-A	EC LIMON	177.06	0.00	0.00	0.92	2.16	11746.71	274.20	11472.52
50% = 4.329, 25% = 5.6; HJPC-A=3.65 HJHT-A=2.33 HJTA-A=1.77 HCVG8-A=1.70 YVZR-A=1.55 HJNK-A=1.48 HJMS-A=1.42									
WJNX.L	US FL FORT PIERCE	165.72	0.86	3.96	16.84	4.02	11939.67	149.15	11790.52
50% = 12.956, 25% = 16.089; WYRD.L=12.96 WMLT.L=5.68 WPJS.L=4.86 WBTM.L=4.26 KVOL.L=4.13									
KWKW.L	US CA LOS ANGELES	263.15	0.00	0.00	4.56	1.08	11862.60	43.23	11819.37
50% = 3.367, 25% = 4.365; KNSS.L=2.08 KKPZ.L=2.06 KWLO.L=1.66 KWXY.L=1.36 KTPI.L=1.30 KCTC.L=1.23 KLBS.L=1.22 KVOL.L=1.08									



## Exhibit 16.1

### Tabulation of Proposed Nighttime Allocation

Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
HJQI-B 50% = 5.498, 25% = 6.397; HJPC-A=4.37 TILX-A=3.33 HJHT-A=2.17 YVZR-A=1.82 HJTA-A=1.64	CO	S	ANDRES 3	174.31	0.00	0.00	1.11	2.75	12437.53	242.58	12194.95
HCVG8-A 50% = 2.461, 25% = 2.776; HCRF4-A=1.51 OAX1F-A=1.47 HCFR2-A=1.27 OAX4I-A=1.03 TILX-A=0.76	EC	S	CRISTOBAL	187.20	0.00	0.00	0.49	1.27	12898.01	384.67	12513.34
NEW.A 50% = 2.513, 25% = 2.513; CHMB/A=2.51	US	AK	SOLDOTNA	318.43	0.00	0.00	0.25	0.63	12737.75	215.96	12521.79
WAUC.L 50% = 15.348, 25% = 18.875; WDO.D.L=15.35 WISE.L=6.20 WCMS.L=5.39 UNK-A=5.36 WTIK.L=4.95	US	FL	WAUCHULA	170.45	1.02	4.18	17.46	4.72	13511.45	198.97	13312.48
KXAM.L 50% = 5.88, 25% = 7.868; KTCK.L=4.67 XEC/A=3.57 KFKA.L=2.63 KKNS.L=2.35 KMKY.L=2.34 XEDN/A=2.25 KLIX.L=2.09	US	AZ	MESA	255.71	0.00	0.00	6.84	1.97	14379.05	80.73	14298.32
KAHL.L 50% = 15.434, 25% = 16.313; KTCK.L=15.43 XEDN/A=5.28	US	TX	SAN ANTONIO	224.26	0.00	2.81	13.73	4.08	14854.87	398.95	14455.92
KLBO.L 50% = 11.775, 25% = 14.177; KNSS.L=9.92 KGAK.L=6.34 KJLL.L=5.10 KVOL.L=4.80 KWKW.L=3.64	US	TX	MONAHANS	239.01	0.00	2.15	11.72	3.54	15114.24	240.94	14873.30
KINE.L 50% = 13.786, 25% = 15.916; KNSS.L=10.49 KLBO.L=8.95 XEWQ/A=5.09 XEAJ1/A=4.55 XEBO/A=4.08	US	TX	KINGSVILLE	219.65	0.00	2.03	12.43	3.98	15999.67	437.24	15562.43
KKNS.L 50% = 11.973, 25% = 12.973; KFKA.L=9.65 KTCK.L=7.09 KXAM.L=5.00	US	NM	CORRALES	253.75	0.00	1.95	10.35	3.24	15665.48	95.15	15570.33
WPJS.L 50% = 42.453, 25% = 46.561; WYRD.L=42.45 WBTM.L=19.12	US	SC	CONWAY	151.71	5.07	9.91	34.59	11.64	16826.98	44.23	16782.75
OAX4I-A 50% = 2.32, 25% = 2.819; OAX1F-A=1.70 HCFR2-A=1.18 HCOB7-A=1.05 HCRF4-A=0.96 HCCP3-A=0.79 HCVG8-A=0.73 HCJD6-A=0.70	PE	LA	CRONICA	170.99	0.00	0.00	0.31	1.05	17032.32	205.11	16827.21
KLIX.L 50% = 6.724, 25% = 7.634; KEIN.L=5.99 KMKY.L=3.06 KFKA.L=3.05 KXAM.L=1.94	US	ID	TWIN FALLS	280.00	0.00	0.18	5.58	1.91	17101.56	51.10	17050.46
MOB-47-B 50% = 6.145, 25% = 7.295; HJPC-A=3.87 TILX-A=3.79 HJHT-A=2.91 HJTA-A=2.11 HCVG8-A=2.06 HJNK-A=1.90 YVZR-A=1.78	PM		RADIO RUMBOS	176.05	0.00	0.00	0.83	2.91	17566.58	262.63	17303.96
UNK-A 50% = 2.64, 25% = 2.819; YVWT-A=1.62 YVZR-A=1.53 HJHT-A=1.41 OAX4I-A=0.70 HJPC-A=0.70	BR	S	LUIZ ANAUA	148.44	0.00	0.00	0.40	1.41	17438.41	30.96	17407.46
KOVE.L 50% = 11.57, 25% = 12.839; KNSS.L=8.08 KWKW.L=6.27 KWLO.L=5.41 KGAK.L=4.20 KLBS.L=3.65	US	WY	LANDER	278.95	0.00	2.52	8.88	3.21	18081.01	49.81	18031.21
KGAK.L 50% = 11.383, 25% = 13.228; KWKW.L=7.80 KOVE.L=6.09 KNSS.L=5.63 KLBO.L=5.20 KLBS.L=4.29	US	NM	GALLUP	257.24	0.00	1.16	8.86	3.31	18665.51	70.65	18594.86
ZYH-597-A 50% = 0.994, 25% = 1.109; ZYH-243-A=0.99 ZYJ-475-A=0.49	BR		SOBRAL 1	127.33	0.00	0.00	0.25	0.99	19644.66	32.49	19612.17
KMKY.L 50% = 4.331, 25% = 5.515; KCTC.L=4.33 XEC/A=2.08 KEIN.L=1.80 KYNO.L=1.47 KTCK.L=1.40	US	CA	OAKLAND	273.31	0.00	0.00	3.51	1.38	19656.78	41.59	19615.20
KKPZ.L 50% = 3.122, 25% = 4.464; KWKW.L=2.00 KNSS.L=1.93 KWLO.L=1.42 KVS.N.L=1.30 KLOO.L=1.25 KJLL.L=1.22 KBBR.L=1.22 KGAK.L=1.16 KTCR.L=1.14 KWWX.C=1.14	US	OR	PORTLAND	289.14	0.00	0.00	2.74	1.12	20369.64	65.18	20304.46
HJPC-A 50% = 8.999, 25% = 9.927; YVZR-A=5.81 HJHT-A=5.17 YVWT-A=4.53 HJMS-A=3.10 HJTA-A=2.82	CO		ESQNA PROGRE	161.07	0.00	0.00	0.88	4.50	25613.79	106.03	25507.76

## Exhibit 16.1

### Tabulation of Proposed Nighttime Allocation

Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
WENA.L	US	PR	YAUCO	143.00	0.00	0.00	5.81	3.02	26001.24	20.09	25981.15
50% = 10.335, 25% = 12.086; YVOY-A=8.38 YVPJ-A=6.04 HJNR-A=5.16 WYRD.L=3.55											
ZYH-243-A	BR		MACEIO 1	127.19	0.00	0.00	0.20	1.11	27176.83	32.84	27143.98
50% = 2.258, 25% = 2.258; ZYH-597-A=1.97 ZYJ-475-A=1.11											
NEW.A	US	CA	BAKERSFIELD	266.13	0.00	0.00	4.36	2.38	27318.12	37.70	27280.42
50% = 9.535, 25% = 9.535; KMKY.L=8.18 XEC/A=4.89											
KJLL.L	US	AZ	SOUTH TUCSON	252.15	0.00	0.00	7.13	3.97	27875.33	108.09	27767.24
50% = 15.899, 25% = 15.899; KGAK.L=11.26 KWKW.L=11.22											
PJA 10-B	NA	V	DI ARUBA	152.84	0.00	0.00	0.92	5.43	29429.71	49.24	29380.46
50% = 10.852, 25% = 11.892; YVWT-A=6.40 HJPC-A=6.28 YVZR-A=6.11 HJHT-A=3.61 WSKN.L=3.26											
HCRF4-A	EC		PORTOVIEJO	173.93	0.00	0.00	0.49	3.07	31063.24	238.20	30825.04
50% = 6.811, 25% = 8.51; HCFR2-A=4.01 HCVG8-A=3.38 OAX1F-A=3.08 HJHT-A=3.07 OAX4I-A=3.03 HJNK-A=2.39											
HCOB7-A=2.38 HCJD6-A=2.34											
ZYJ-475-A	BR		PETROPOLIS	140.81	0.00	0.00	0.17	1.09	31429.51	18.59	31410.92
50% = 2.176, 25% = 2.428; ZYK-630-A=1.48 ZYJ-225-A=1.17 ZYK-675-A=1.09 ZYK-271-A=0.83 ZYK-223-A=0.69											
HJHT-A	CO		GUATEQUE	162.08	0.00	0.00	0.63	4.00	31541.58	114.83	31426.75
50% = 8.878, 25% = 11.333; HJPC-A=5.67 YVZR-A=5.54 HJON-A=4.00 YVWT-A=3.79 HJMS-A=3.62 HJTA-A=3.50											
HJNK-A=3.16											
YVWT-A	VE		TURMERO	150.04	0.00	0.00	0.76	4.96	32544.81	36.57	32508.24
50% = 8.235, 25% = 9.463; YVZR-A=6.57 HJPC-A=4.96 HJHT-A=3.78 WSKN.L=2.72											
HCFR2-A	EC		GUAYAQUIL	172.71	0.00	0.00	0.47	3.25	34403.05	224.33	34178.73
50% = 6.37, 25% = 8.859; HCRF4-A=4.01 OAX4I-A=3.73 OAX1F-A=3.25 HJHT-A=3.10 HCVG8-A=2.85 HCOB7-A=2.73											
HCJD6-A=2.68 HJNK-A=2.36											
CA 132-A	CI		VALLENAR 2	167.21	0.00	0.00	0.19	1.31	35215.09	164.35	35050.74
50% = 2.794, 25% = 2.927; LV24-A=2.47 LU10-A=1.31 OAX4I-A=0.87											
HCJD6-A	EC		AMBATO 1	171.34	0.00	0.00	0.48	3.48	35955.91	208.97	35746.95
50% = 7.564, 25% = 9.251; HCFR2-A=4.23 HCFR4-A=3.70 HJHT-A=3.68 OAX4I-A=3.48 OAX1F-A=2.94 HCOB7-A=2.68											
HJNK-A=2.59 HCVG8-A=2.41											
HJTA-A	CO		MEDELLIN 16	165.05	0.00	0.00	0.70	5.02	36142.81	142.60	36000.21
50% = 10.694, 25% = 12.749; HJHT-A=7.05 HJPC-A=6.28 YVZR-A=5.02 HJON-A=3.73 HJMS-A=3.68 HJNK-A=3.28											
YVWT-A=3.15											
YVZR-A	VE		BARINAS	155.35	0.00	0.00	0.74	5.35	36225.99	63.59	36162.40
50% = 10.691, 25% = 11.095; YVWT-A=6.57 HJPC-A=6.36 HJHT-A=5.53 HJMS-A=2.96											
KNPT.L	US	OR	NEWPORT	287.73	0.00	0.00	2.58	1.89	36554.58	62.73	36491.85
50% = 6.564, 25% = 7.558; KLIX.L=5.15 KMKY.L=4.07 KEIN.L=2.68 KKOL.L=2.62											
HJNK-A	CO		PALMIRA	166.95	0.00	0.00	0.60	4.52	37465.20	161.63	37303.57
50% = 7.941, 25% = 10.606; HJHT-A=6.53 HJPC-A=4.52 HJON-A=3.95 YVZR-A=3.78 HJTA-A=3.37 HJMS-A=2.87											
HCOB7-A	EC		LIMON	171.44	0.00	0.00	0.45	3.36	37552.19	210.04	37342.15
50% = 6.962, 25% = 8.891; OAX4I-A=4.71 HCFR2-A=3.87 HCRF4-A=3.36 OAX1F-A=3.30 HJHT-A=2.95 HCJD6-A=2.40											
HCVG8-A=2.28											
UNK-A	BR		CICERO DANTA	130.05	0.00	0.00	0.21	1.57	37653.40	26.44	37626.96
50% = 3.147, 25% = 3.147; ZYH-597-A=2.05 ZYJ-475-A=1.69 ZYH-243-A=1.68											
HJON-A	CO		GIRARDOT 3	164.50	0.00	0.00	0.62	4.76	38278.63	137.19	38141.44
50% = 10.559, 25% = 12.225; HJHT-A=7.81 HJPC-A=5.27 YVZR-A=4.76 HJTA-A=3.67 HJNK-A=3.66 HJMS-A=3.32											

# Exhibit 16.2

## Proposed Nighttime RSS Limitation

### Present Operation...

#### Station Information:

Call: WILS.L  
 Freq: 1320 kHz  
 LANSING, MI, US  
 Lat: 42-41-30 N Lng: 084-33-38 W  
 Power: 1.0 kW  
 Theo RMS: 291.29 mV/m @ 1km  
 # of Augmentations: 13  
 Standard: FCC Rules (1992 Skywave Propagation Model) [ 10% ]  
 Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta Min Max (deg) (deg)	Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)	(%)	RSS Limit (mV/m)
WJAS.L	1320	PITTSBURGH	PA	US	461.9	304.7	16.3 26.3	247.97	118.74	5.889	100.0	5.889
CJMR/U	1320	MISSISSAUGA	ON	CA	399.4	259.3	18.9 30.0	171.90	137.63	4.732	80.4	7.555 50%
WCVG.L	1320	COVINGTON	KY	US	405.4	359.4	18.6 29.6	122.14	143.67	3.510	46.5	8.330
WKAN.L	1320	KANKAKEE	IL	US	320.3	56.2	23.5 36.0	94.00	185.77	3.492	41.9	9.032 25%
WJGR.L	1320	JACKSONVILLE	FL	US	1400.6	350.5	2.7 6.5	456.69	23.64	2.159	23.9	9.287
KELO.L	1320	SIOUX FALLS	SD	US	983.7	91.0	6.1 11.4	305.99	34.26	2.097	22.6	9.521
WCOG.L	1320	GREENSBORO	NC	US	829.3	332.7	8.0 14.2	183.50	52.65	1.932	20.3	9.715
KXYZ.L	1320	HOUSTON	TX	US	1725.9	30.4	0.9 4.0	581.65	16.51	1.920	19.8	9.903
WDTW.L	1310	DEARBORN	MI	US	117.2	294.4	50.6 63.6	240.76	376.65	1.814	18.3	10.067
WDER.L	1320	DERRY	NH	US	1082.2	273.5	5.1 10.0	304.29	27.80	1.692	16.8	10.209
WOBL.L	1320	OBERLIN	OH	US	250.5	310.0	29.3 43.1	35.24	236.67	1.668	16.3	10.344
WATR.L	1320	WATERBURY	CT	US	958.7	281.5	6.4 11.8	213.29	36.27	1.547	15.0	10.459

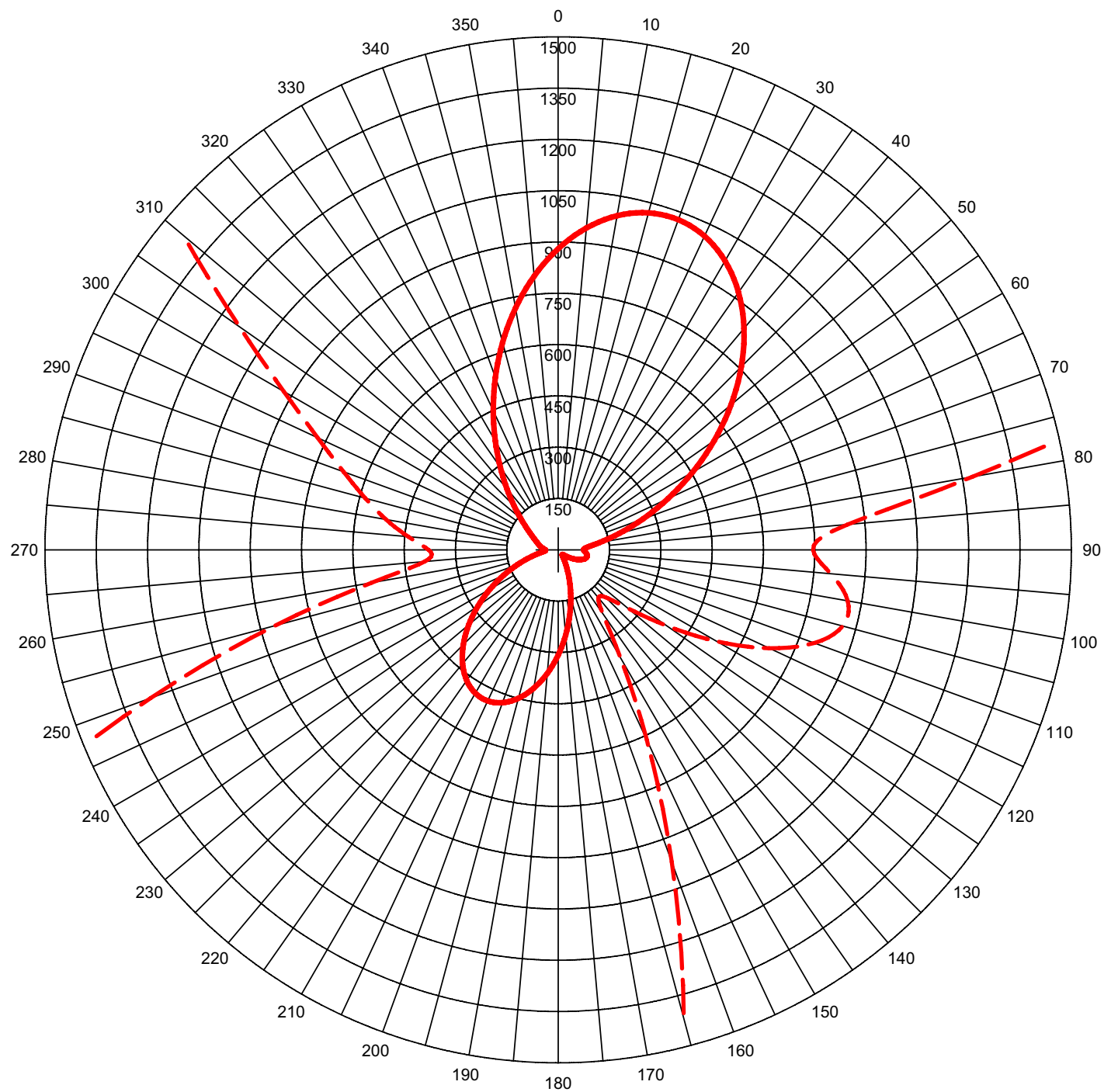
### Proposed Operation...

#### Station Information:

Call: WILS.p  
 Freq: 1320 kHz  
 Lansing, MI, US  
 Lat: 42-37-19 N Lng: 084-38-38 W  
 Power: 1.9 kW  
 Theo RMS: 431.81 mV/m @ 1km  
 Standard: FCC Rules (1992 Skywave Propagation Model) [ 10% ]  
 Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta Min Max (deg) (deg)	Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)	(%)	RSS Limit (mV/m)
WJAS.L	1320	PITTSBURGH	PA	US	463.8	303.4	16.2 26.2	262.60	118.21	6.209	100.0	6.209
CJMR/U	1320	MISSISSAUGA	ON	CA	407.9	258.5	18.5 29.4	163.60	134.08	4.387	70.7	7.602 50%
WCVG.L	1320	COVINGTON	KY	US	397.8	358.4	19.0 30.1	124.69	147.21	3.671	48.3	8.442
WKAN.L	1320	KANKAKEE	IL	US	310.5	56.8	24.2 36.9	91.33	192.33	3.513	41.6	9.144 25%
WJGR.L	1320	JACKSONVILLE	FL	US	1394.3	350.1	2.8 6.6	462.07	23.86	2.205	24.1	9.406
KELO.L	1320	SIOUX FALLS	SD	US	978.2	91.5	6.2 11.5	301.37	34.69	2.091	22.2	9.636
WCOG.L	1320	GREENSBORO	NC	US	826.1	332.0	8.0 14.3	191.35	53.04	2.030	21.1	9.847
KXYZ.L	1320	HOUSTON	TX	US	1715.6	30.4	0.9 4.1	581.59	16.72	1.944	19.7	10.037
WDER.L	1320	DERRY	NH	US	1089.8	273.1	5.1 9.9	300.34	27.50	1.652	16.5	10.172
WDTW.L	1310	DEARBORN	MI	US	120.8	289.7	49.7 62.9	220.61	372.66	1.644	16.2	10.304
WATR.L	1320	WATERBURY	CT	US	965.1	281.1	6.3 11.7	209.48	35.91	1.505	14.6	10.414

# Exhibit 16.3 - Tabulation of Nighttime Standard Pattern



Theo RMS: 431.812 mV/m@1km  
Std RMS: 453.634 mV/m@1km  
Q: 13.784 mV/m@1km

Horizontal Plane Standard Pattern

— Pattern (mV/m @ 1km)  
- - - Pattern X10

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	94.6	0	0	0.0	0.0	0.0	0.0
2	0.810	-16.8	181.0	294.0	94.6	0	0	0.0	0.0	0.0	0.0
3	0.830	140.0	90.5	202.0	94.6	0	0	0.0	0.0	0.0	0.0
4	0.672	123.2	181.0	294.0	94.6	1	0	0.0	0.0	0.0	0.0

Call: WILS.p  
Freq: 1320 kHz  
Lansing, MI, US  
Lat: 42-37-19 N  
Lng: 084-38-38 W  
Power: 1.9 kW  
Theo RMS: 431.81 mV/m @ 1km

**Munn-Reese, Inc.**  
Broadcast Engineering Consultants  
Coldwater, MI 49036

# Exhibit 16.4

## Tabulation of Proposed Directional Standard Pattern, 0° - 60°

### AM Radiation Report

Call: WILS.p  
 Freq: 1320 kHz  
 Lansing, MI, US  
 Lat: 42-37-19 N  
 Lng: 084-38-38 W  
 Power: 1.9 kW  
 Theo RMS: 431.81 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	94.6	0	0	0.0	0.0	0.0	0.0
2	0.810	-16.8	181.0	294.0	94.6	0	0	0.0	0.0	0.0	0.0
3	0.830	140.0	90.5	202.0	94.6	0	0	0.0	0.0	0.0	0.0
4	0.672	123.2	181.0	294.0	94.6	1	0	0.0	0.0	0.0	0.0

### Standard Horizontal Plane Pattern

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	880.52	120.0	53.48	240.0	229.81
5.0	944.49	125.0	38.66	245.0	175.70
10.0	991.97	130.0	26.53	250.0	126.81
15.0	1020.15	135.0	19.63	255.0	85.78
20.0	1027.13	140.0	18.32	260.0	55.33
25.0	1012.14	145.0	22.73	265.0	39.12
30.0	975.58	150.0	36.43	270.0	37.90
35.0	919.01	155.0	61.41	275.0	43.92
40.0	845.04	160.0	97.12	280.0	51.10
45.0	757.19	165.0	142.08	285.0	58.39
50.0	659.61	170.0	194.14	290.0	66.74
55.0	556.86	175.0	250.50	295.0	77.58
60.0	453.57	180.0	307.82	300.0	92.59
65.0	354.27	185.0	362.46	305.0	113.72
70.0	263.22	190.0	410.75	310.0	143.09
75.0	184.56	195.0	449.35	315.0	182.48
80.0	122.99	200.0	475.52	320.0	233.00
85.0	84.99	205.0	487.40	325.0	294.84
90.0	74.52	210.0	484.15	330.0	367.26
95.0	79.99	215.0	466.10	335.0	448.61
100.0	85.93	220.0	434.63	340.0	536.39
105.0	86.09	225.0	392.06	345.0	627.40
110.0	79.68	230.0	341.43	350.0	717.85
115.0	68.06	235.0	286.17	355.0	803.63

## Exhibit 16.4

### Tabulation of Proposed Directional Standard Pattern, 0° - 60°

Standard Pattern Calculated at 5.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	875.27	120.0	51.94	240.0	227.53
5.0	938.37	125.0	37.64	245.0	174.09
10.0	985.18	130.0	25.97	250.0	125.78
15.0	1012.93	135.0	19.38	255.0	85.20
20.0	1019.77	140.0	18.22	260.0	55.14
25.0	1004.92	145.0	22.79	265.0	39.31
30.0	968.79	150.0	36.60	270.0	38.40
35.0	912.90	155.0	61.47	275.0	44.65
40.0	839.84	160.0	96.85	280.0	52.03
45.0	753.06	165.0	141.29	285.0	59.53
50.0	656.67	170.0	192.69	290.0	68.09
55.0	555.13	175.0	248.28	295.0	79.15
60.0	453.02	180.0	304.78	300.0	94.38
65.0	354.79	185.0	358.62	305.0	115.72
70.0	264.61	190.0	406.18	310.0	145.21
75.0	186.51	195.0	444.19	315.0	184.58
80.0	124.92	200.0	469.95	320.0	234.88
85.0	85.86	205.0	481.62	325.0	296.29
90.0	73.44	210.0	478.41	330.0	368.08
95.0	77.59	215.0	460.60	335.0	448.61
100.0	83.10	220.0	429.58	340.0	535.43
105.0	83.30	225.0	387.61	345.0	625.37
110.0	77.19	230.0	337.68	350.0	714.71
115.0	66.01	235.0	283.16	355.0	799.40

Standard Pattern Calculated at 10.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	859.63	120.0	47.54	240.0	220.75
5.0	920.18	125.0	34.75	245.0	169.27
10.0	965.03	130.0	24.44	250.0	122.65
15.0	991.53	135.0	18.75	255.0	83.45
20.0	997.93	140.0	18.02	260.0	54.56
25.0	983.50	145.0	23.03	265.0	39.89
30.0	948.62	150.0	37.06	270.0	39.91
35.0	894.75	155.0	61.55	275.0	46.82
40.0	824.36	160.0	95.93	280.0	54.82
45.0	740.74	165.0	138.85	285.0	62.97
50.0	647.82	170.0	188.29	290.0	72.16
55.0	549.86	175.0	241.63	295.0	83.86
60.0	451.22	180.0	295.75	300.0	99.74
65.0	356.13	185.0	347.24	305.0	121.64
70.0	268.54	190.0	392.68	310.0	151.42
75.0	192.15	195.0	428.96	315.0	190.65
80.0	130.76	200.0	453.51	320.0	240.25
85.0	89.14	205.0	464.60	325.0	300.36
90.0	71.34	210.0	461.47	330.0	370.26
95.0	71.30	215.0	444.39	335.0	448.38
100.0	75.24	220.0	414.66	340.0	532.36
105.0	75.41	225.0	374.45	345.0	619.17
110.0	70.09	230.0	326.57	350.0	705.25
115.0	60.15	235.0	274.24	355.0	786.73

## Exhibit 16.4

### Tabulation of Proposed Directional Standard Pattern, 0° - 60°

Standard Pattern Calculated at 15.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	833.88	120.0	41.01	240.0	209.58
5.0	890.38	125.0	30.58	245.0	161.25
10.0	932.12	130.0	22.41	250.0	117.35
15.0	956.66	135.0	18.14	255.0	80.44
20.0	962.38	140.0	18.03	260.0	53.57
25.0	948.62	145.0	23.53	265.0	40.91
30.0	915.74	150.0	37.65	270.0	42.48
35.0	865.08	155.0	61.37	275.0	50.43
40.0	798.95	160.0	94.09	280.0	59.45
45.0	720.39	165.0	134.54	285.0	68.64
50.0	633.01	170.0	180.86	290.0	78.90
55.0	540.76	175.0	230.63	295.0	91.63
60.0	447.68	180.0	280.98	300.0	108.47
65.0	357.67	185.0	328.76	305.0	131.10
70.0	274.32	190.0	370.85	310.0	161.16
75.0	200.90	195.0	404.39	315.0	199.98
80.0	140.45	200.0	427.05	320.0	248.31
85.0	96.27	205.0	437.22	325.0	306.24
90.0	71.44	210.0	434.21	330.0	373.04
95.0	64.11	215.0	418.28	335.0	447.25
100.0	64.46	220.0	390.60	340.0	526.66
105.0	63.96	225.0	353.16	345.0	608.46
110.0	59.55	230.0	308.52	350.0	689.34
115.0	51.38	235.0	259.65	355.0	765.70

Standard Pattern Calculated at 20.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	798.52	120.0	33.98	240.0	194.26
5.0	849.75	125.0	26.50	245.0	150.08
10.0	887.46	130.0	20.96	250.0	109.84
15.0	909.46	135.0	18.22	255.0	76.09
20.0	914.33	140.0	18.62	260.0	52.20
25.0	901.47	145.0	24.30	265.0	42.50
30.0	871.21	150.0	38.09	270.0	46.15
35.0	824.78	155.0	60.53	275.0	55.43
40.0	764.23	160.0	90.93	280.0	65.74
45.0	692.28	165.0	128.09	285.0	76.31
50.0	612.17	170.0	170.32	290.0	87.96
55.0	527.45	175.0	215.45	295.0	102.01
60.0	441.71	180.0	260.89	300.0	119.95
65.0	358.45	185.0	303.89	305.0	143.29
70.0	280.84	190.0	341.66	310.0	173.41
75.0	211.69	195.0	371.69	315.0	211.39
80.0	153.37	200.0	391.90	320.0	257.80
85.0	108.01	205.0	400.89	325.0	312.65
90.0	77.31	210.0	398.05	330.0	375.24
95.0	61.22	215.0	383.59	335.0	444.22
100.0	55.17	220.0	358.55	340.0	517.58
105.0	52.21	225.0	324.68	345.0	592.77
110.0	48.07	230.0	284.25	350.0	666.82
115.0	41.71	235.0	239.86	355.0	736.50

## Exhibit 16.4

### Tabulation of Proposed Directional Standard Pattern, 0° - 60°

Standard Pattern Calculated at 25.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	754.25	120.0	29.73	240.0	175.20
5.0	799.36	125.0	25.01	245.0	135.96
10.0	832.39	130.0	21.66	250.0	100.19
15.0	851.47	135.0	19.81	255.0	70.51
20.0	855.37	140.0	20.10	260.0	50.66
25.0	843.60	145.0	25.26	265.0	44.84
30.0	816.46	150.0	38.02	270.0	50.89
35.0	775.00	155.0	58.58	275.0	61.64
40.0	721.01	160.0	86.06	280.0	73.36
45.0	656.85	165.0	119.26	285.0	85.45
50.0	585.32	170.0	156.67	290.0	98.64
55.0	509.48	175.0	196.37	295.0	114.07
60.0	432.47	180.0	236.14	300.0	133.06
65.0	357.29	185.0	273.61	305.0	156.89
70.0	286.70	190.0	306.41	310.0	186.68
75.0	223.02	195.0	332.39	315.0	223.27
80.0	168.17	200.0	349.80	320.0	267.08
85.0	123.53	205.0	357.44	325.0	318.02
90.0	89.92	210.0	354.79	330.0	375.43
95.0	67.29	215.0	342.03	335.0	438.09
100.0	53.89	220.0	320.04	340.0	504.22
105.0	46.18	225.0	290.29	345.0	571.59
110.0	40.56	230.0	254.72	350.0	637.59
115.0	35.14	235.0	215.57	355.0	699.43

Standard Pattern Calculated at 30.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	702.02	120.0	32.15	240.0	153.06
5.0	740.52	125.0	28.50	245.0	119.33
10.0	768.53	130.0	25.63	250.0	88.73
15.0	784.51	135.0	23.41	255.0	64.05
20.0	787.43	140.0	22.71	260.0	49.42
25.0	776.91	145.0	26.38	265.0	48.14
30.0	753.19	150.0	37.21	270.0	56.60
35.0	717.17	155.0	55.19	275.0	68.73
40.0	670.35	160.0	79.19	280.0	81.76
45.0	614.69	165.0	107.94	285.0	95.28
50.0	552.54	170.0	140.05	290.0	109.89
55.0	486.47	175.0	173.88	295.0	126.53
60.0	419.10	180.0	207.57	300.0	146.30
65.0	352.95	185.0	239.14	305.0	170.22
70.0	290.31	190.0	266.66	310.0	199.17
75.0	233.12	195.0	288.36	315.0	233.77
80.0	182.91	200.0	302.80	320.0	274.30
85.0	140.70	205.0	309.02	325.0	320.61
90.0	106.96	210.0	306.58	330.0	372.08
95.0	81.55	215.0	295.62	335.0	427.63
100.0	63.56	220.0	276.87	340.0	485.73
105.0	51.36	225.0	251.53	345.0	544.48
110.0	42.98	230.0	221.18	350.0	601.68
115.0	36.87	235.0	187.70	355.0	654.99



## Exhibit 16.4

### Tabulation of Proposed Directional Standard Pattern, 0° - 60°

Standard Pattern Calculated at 35.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	643.00	120.0	41.03	240.0	128.80
5.0	674.81	125.0	36.45	245.0	100.98
10.0	697.76	130.0	32.51	250.0	76.21
15.0	710.64	135.0	28.98	255.0	57.58
20.0	712.64	140.0	26.61	260.0	49.23
25.0	703.46	145.0	27.90	265.0	52.53
30.0	683.31	150.0	35.73	270.0	63.04
35.0	652.91	155.0	50.34	275.0	76.23
40.0	613.48	160.0	70.34	280.0	90.25
45.0	566.59	165.0	94.30	285.0	104.86
50.0	514.15	170.0	120.91	290.0	120.50
55.0	458.21	175.0	148.74	295.0	137.94
60.0	400.90	180.0	176.27	300.0	158.00
65.0	344.26	185.0	201.93	305.0	181.47
70.0	290.15	190.0	224.18	310.0	209.00
75.0	240.14	195.0	241.61	315.0	241.03
80.0	195.46	200.0	253.12	320.0	277.69
85.0	156.94	205.0	257.93	325.0	318.80
90.0	124.94	210.0	255.72	330.0	363.81
95.0	99.39	215.0	246.58	335.0	411.77
100.0	79.77	220.0	231.09	340.0	461.44
105.0	65.20	225.0	210.19	345.0	511.22
110.0	54.58	230.0	185.14	350.0	559.35
115.0	46.82	235.0	157.46	355.0	603.92

Standard Pattern Calculated at 40.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	578.59	120.0	52.81	240.0	103.76
5.0	603.96	125.0	46.63	245.0	82.19
10.0	622.09	130.0	41.11	250.0	63.99
15.0	632.05	135.0	36.03	255.0	52.49
20.0	633.25	140.0	31.86	260.0	50.78
25.0	625.45	145.0	30.38	265.0	57.91
30.0	608.84	150.0	34.29	270.0	69.78
35.0	583.98	155.0	44.58	275.0	83.53
40.0	551.79	160.0	59.99	280.0	98.03
45.0	513.52	165.0	78.92	285.0	113.16
50.0	470.63	170.0	100.00	290.0	129.26
55.0	424.71	175.0	121.97	295.0	146.88
60.0	377.41	180.0	143.58	300.0	166.60
65.0	330.33	185.0	163.61	305.0	188.99
70.0	284.92	190.0	180.86	310.0	214.49
75.0	242.43	195.0	194.29	315.0	243.39
80.0	203.84	200.0	203.05	320.0	275.71
85.0	169.82	205.0	206.57	325.0	311.26
90.0	140.70	210.0	204.60	330.0	349.55
95.0	116.51	215.0	197.21	335.0	389.81
100.0	96.96	220.0	184.85	340.0	431.01
105.0	81.54	225.0	168.23	345.0	471.92
110.0	69.54	230.0	148.34	350.0	511.14
115.0	60.22	235.0	126.38	355.0	547.19

## Exhibit 16.4

### Tabulation of Proposed Directional Standard Pattern, 0° - 60°

Standard Pattern Calculated at 45.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	510.36	120.0	64.65	240.0	79.86
5.0	529.83	125.0	57.10	245.0	64.98
10.0	543.58	130.0	50.25	250.0	54.20
15.0	550.95	135.0	43.89	255.0	50.35
20.0	551.51	140.0	38.24	260.0	54.31
25.0	545.09	145.0	34.34	265.0	63.84
30.0	531.84	150.0	34.14	270.0	76.22
35.0	512.19	155.0	39.27	275.0	89.88
40.0	486.81	160.0	49.40	280.0	104.23
45.0	456.63	165.0	63.00	285.0	119.20
50.0	422.72	170.0	78.60	290.0	135.04
55.0	386.28	175.0	94.99	295.0	152.10
60.0	348.52	180.0	111.11	300.0	170.77
65.0	310.64	185.0	125.99	305.0	191.43
70.0	273.73	190.0	138.74	310.0	214.33
75.0	238.76	195.0	148.58	315.0	239.63
80.0	206.47	200.0	154.90	320.0	267.30
85.0	177.40	205.0	157.30	325.0	297.14
90.0	151.87	210.0	155.59	330.0	328.73
95.0	129.94	215.0	149.85	335.0	361.46
100.0	111.50	220.0	140.40	340.0	394.55
105.0	96.22	225.0	127.78	345.0	427.05
110.0	83.67	230.0	112.77	350.0	457.92
115.0	73.33	235.0	96.37	355.0	486.05

Standard Pattern Calculated at 50.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	440.02	120.0	74.70	240.0	59.84
5.0	454.34	125.0	66.42	245.0	52.24
10.0	464.32	130.0	58.82	250.0	49.21
15.0	469.51	135.0	51.74	255.0	51.82
20.0	469.60	140.0	45.23	260.0	59.20
25.0	464.51	145.0	39.79	265.0	69.58
30.0	454.33	150.0	36.43	270.0	81.59
35.0	439.38	155.0	36.54	275.0	94.49
40.0	420.12	160.0	40.82	280.0	108.00
45.0	397.22	165.0	48.64	285.0	122.09
50.0	371.42	170.0	58.69	290.0	136.91
55.0	343.57	175.0	69.76	295.0	152.67
60.0	314.52	180.0	80.85	300.0	169.60
65.0	285.14	185.0	91.15	305.0	187.90
70.0	256.21	190.0	99.96	310.0	207.72
75.0	228.43	195.0	106.72	315.0	229.11
80.0	202.35	200.0	110.98	320.0	251.99
85.0	178.40	205.0	112.48	325.0	276.18
90.0	156.84	210.0	111.10	330.0	301.35
95.0	137.78	215.0	106.89	335.0	327.03
100.0	121.17	220.0	100.13	340.0	352.64
105.0	106.85	225.0	91.24	345.0	377.50
110.0	94.55	230.0	80.88	350.0	400.87
115.0	83.96	235.0	69.99	355.0	421.96

## Exhibit 16.4

### Tabulation of Proposed Directional Standard Pattern, 0° - 60°

Standard Pattern Calculated at 55.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	369.36	120.0	81.65	240.0	47.39
5.0	379.40	125.0	73.40	245.0	46.80
10.0	386.29	130.0	65.76	250.0	49.71
15.0	389.73	135.0	58.61	255.0	55.79
20.0	389.54	140.0	51.96	260.0	64.20
25.0	385.67	145.0	45.96	265.0	74.12
30.0	378.19	150.0	41.04	270.0	85.00
35.0	367.30	155.0	37.85	275.0	96.52
40.0	353.33	160.0	37.11	280.0	108.56
45.0	336.70	165.0	39.11	285.0	121.10
50.0	317.92	170.0	43.44	290.0	134.22
55.0	297.54	175.0	49.23	295.0	148.02
60.0	276.14	180.0	55.58	300.0	162.61
65.0	254.30	185.0	61.74	305.0	178.08
70.0	232.55	190.0	67.13	310.0	194.48
75.0	211.37	195.0	71.28	315.0	211.80
80.0	191.16	200.0	73.88	320.0	229.95
85.0	172.24	205.0	74.73	325.0	248.77
90.0	154.80	210.0	73.77	330.0	268.01
95.0	138.96	215.0	71.09	335.0	287.33
100.0	124.73	220.0	66.92	340.0	306.33
105.0	112.04	225.0	61.68	345.0	324.53
110.0	100.76	230.0	56.02	350.0	341.45
115.0	90.70	235.0	50.85	355.0	356.56

Standard Pattern Calculated at 60.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	300.18	120.0	84.53	240.0	44.47
5.0	306.83	125.0	77.01	245.0	48.05
10.0	311.31	130.0	70.01	250.0	53.33
15.0	313.44	135.0	63.44	255.0	60.03
20.0	313.13	140.0	57.29	260.0	67.81
25.0	310.34	145.0	51.59	265.0	76.39
30.0	305.12	150.0	46.49	270.0	85.57
35.0	297.61	155.0	42.19	275.0	95.22
40.0	287.99	160.0	38.97	280.0	105.28
45.0	276.54	165.0	37.11	285.0	115.75
50.0	263.57	170.0	36.71	290.0	126.64
55.0	249.42	175.0	37.63	295.0	137.98
60.0	234.45	180.0	39.48	300.0	149.81
65.0	219.03	185.0	41.78	305.0	162.15
70.0	203.48	190.0	44.06	310.0	174.99
75.0	188.13	195.0	45.96	315.0	188.30
80.0	173.24	200.0	47.22	320.0	201.97
85.0	159.02	205.0	47.70	325.0	215.89
90.0	145.63	210.0	47.38	330.0	229.87
95.0	133.16	215.0	46.37	335.0	243.68
100.0	121.66	220.0	44.94	340.0	257.07
105.0	111.12	225.0	43.48	345.0	269.72
110.0	101.47	230.0	42.53	350.0	281.33
115.0	92.64	235.0	42.70	355.0	291.59