

ENGINEERING EXHIBIT
APPLICATION FOR
MODIFICATION OF CONSTRUCTION PERMIT
STAR OVER ORLANDO, INC.
RADIO STATION WEUS
ORLOVISTA, FLORIDA

December 12, 2005

810 KHZ 10 KW-D, 400 W-N U DA-2

ENGINEERING EXHIBIT
APPLICATION FOR
MODIFICATION OF CONSTRUCTION PERMIT
STAR OVER ORLANDO, INC.
RADIO STATION WEUS
ORLOVISTA, FLORIDA

810 KHZ 10 KW-D, 400 W-N U DA-2

Table of Contents

Engineering Statement

Figure 1	Daytime Horizontal Plane Modified Standard Radiation Pattern
Figure 2	Tabulation of Daytime Horizontal Plane Modified Standard Radiation Pattern
Figure 3	Daytime Allocation Study
Figure 4	Nighttime Horizontal Plane Modified Standard Radiation Pattern
Figure 5	Tabulation of Nighttime Horizontal Plane Modified Standard Radiation Pattern
Figure 6	Nighttime Allocation Study

ENGINEERING EXHIBIT
APPLICATION FOR
MODIFICATION OF CONSTRUCTION PERMIT
STAR OVER ORLANDO, INC.
RADIO STATION WEUS
ORLOVISTA, FLORIDA

810 KHZ 10 KW-D, 400 W-N U DA-2

Engineering Statement

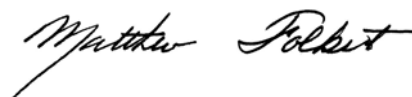
The engineering exhibit of which this statement is part was prepared on behalf of Star Over Orlando, Inc., the licensee of AM broadcast station WEUS, Orlovista, Florida, in support of an application for modification of construction permit covering construction authorized in Permit No. BMP-20030609AAY. This construction permit authorizes operation on 810 kilohertz, with a daytime power of 10 kilowatts and a nighttime power of 400 watts utilizing different directional antenna patterns.

After the completion of field work at the station, it was determined that both the daytime and nighttime directional antenna pattern would require augmentation. The field strength values on one radial daytime and four radials nighttime were found to be outside the standard pattern authorized by the construction permit. The proposed augmentations are completely consistent with the FCC Rules, as it will provide the requisite levels of protection to all pertinent stations.

The proposed modified daytime directional antenna pattern is shown in graphical form on Figure 1 and in tabular form on Figure 2. Figure 3 is a daytime allocation study for the span of augmentation. As will be noted from the allocation study shown on Figure 3, the increase in radiation proposed for the WEUS daytime pattern will not result in new interference toward any station.

Similarly, the proposed modified nighttime directional antenna pattern is shown in graphical form on Figure 4 and in tabular form on Figure 5. Figure 6 is a nighttime allocation study. As will be noted from the allocation study shown on Figure 6, the increase in radiation proposed for the WEUS nighttime pattern will not result in new interference toward any station.

In all respects, the proposed modified standard patterns comply with the requirements of 47CFR73.152.

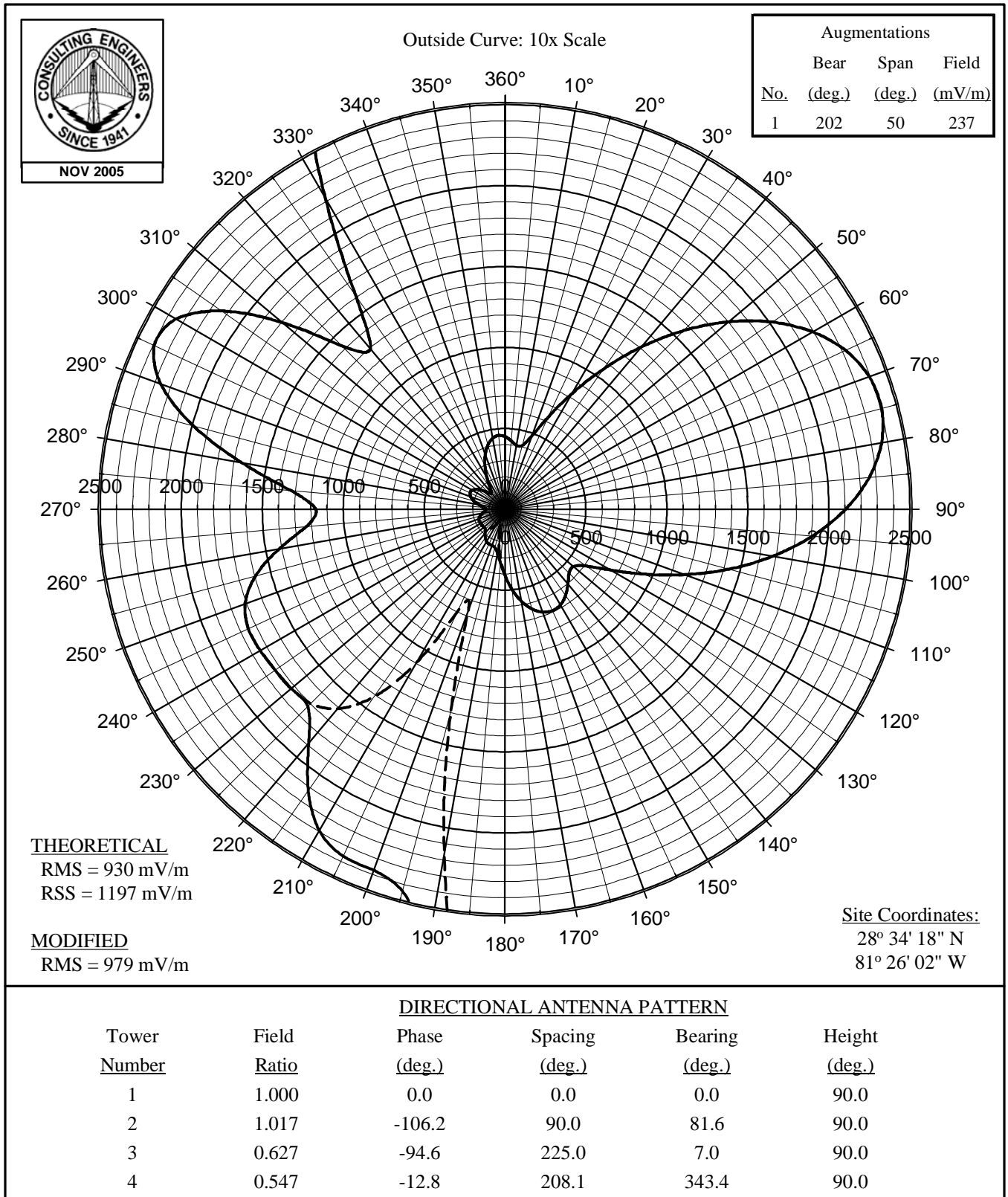


Matthew Folkert

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, FL 34237
(941) 329-6000

December 12, 2005

Figure 1



DAYTIME HORIZONTAL PLANE MODIFIED RADIATION PATTERN

RADIO STATION WEUS
ORLOVISTA, FLORIDA
810 KHZ 10 KW-D, 400 W-N U DA-2

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 2

TECHNICAL EXHIBIT
APPLICATION FOR MODIFICATION
OF CONSTRUCTION PERMIT
RADIO STATION WEUS
ORLOVISTA, FLORIDA

810 KHZ 10 KW-D, 400 W-N U DA-2

DAYTIME RADIATION PATTERN
(Radiation Values at One Kilometer)

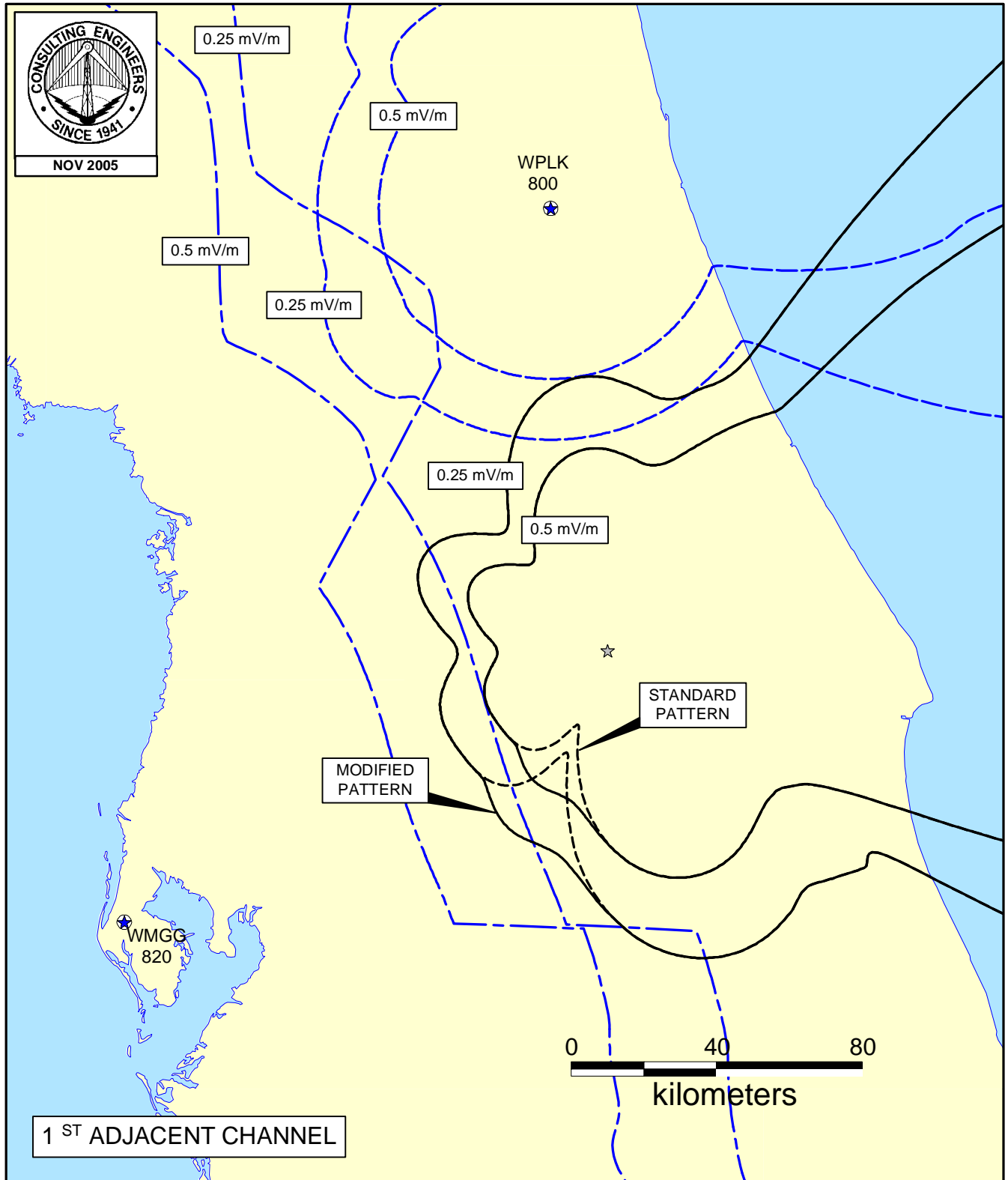
<u>Tower Number</u>	<u>Field Ratio</u>	<u>Phase (deg.)</u>	<u>Spacing (deg.)</u>	<u>Bearing (deg.)</u>	<u>Height (deg.)</u>
1	1.000	0.0	0.0	0.0	90.0
2	1.017	-106.2	90.0	81.6	90.0
3	0.627	-94.6	225.0	7.0	90.0
4	0.547	-12.8	208.1	343.4	90.0
<u>Input Power (kW)</u>	<u>Loop Loss (ohms)</u>	<u>Theo. RMS (mV/m)</u>	<u>Theo. RSS (mV/m)</u>	<u>Q Factor (mV/m)</u>	<u>Modified RMS (mV/m)</u>
10	1.0	930	1197	31.6	979

Augmentations

<u>No.</u>	<u>Bear (deg.)</u>	<u>Span (deg.)</u>	<u>Field (mV/m)</u>
1	202	50	237

<u>Azimuth (mV/m)</u>	<u>Field (mV/m)</u>	<u>Azimuth (mV/m)</u>	<u>Field (mV/m)</u>	<u>Azimuth (mV/m)</u>	<u>Field (mV/m)</u>	<u>Azimuth (mV/m)</u>	<u>Field (mV/m)</u>
0	400	90	2103	180	410	270	117
5	406	95	1905	185	331	275	133
10	478	100	1677	190	273	280	165
15	622	105	1431	195	244	285	199
20	821	110	1182	200	237	290	226
25	1056	115	948	205	236	295	239
30	1307	120	749	210	229	300	235
35	1560	125	611	215	212	305	214
40	1801	130	550	220	188	310	179
45	2016	135	559	225	172	315	143
50	2192	140	603	230	172	320	129
55	2320	145	651	235	173	325	160
60	2394	150	683	240	175	330	222
65	2407	155	693	245	175	335	291
70	2361	160	677	250	171	340	357
75	2258	165	637	255	159	345	409
80	2103	170	576	260	142	350	444
85	1905	175	498	265	123	355	458

Figure 3

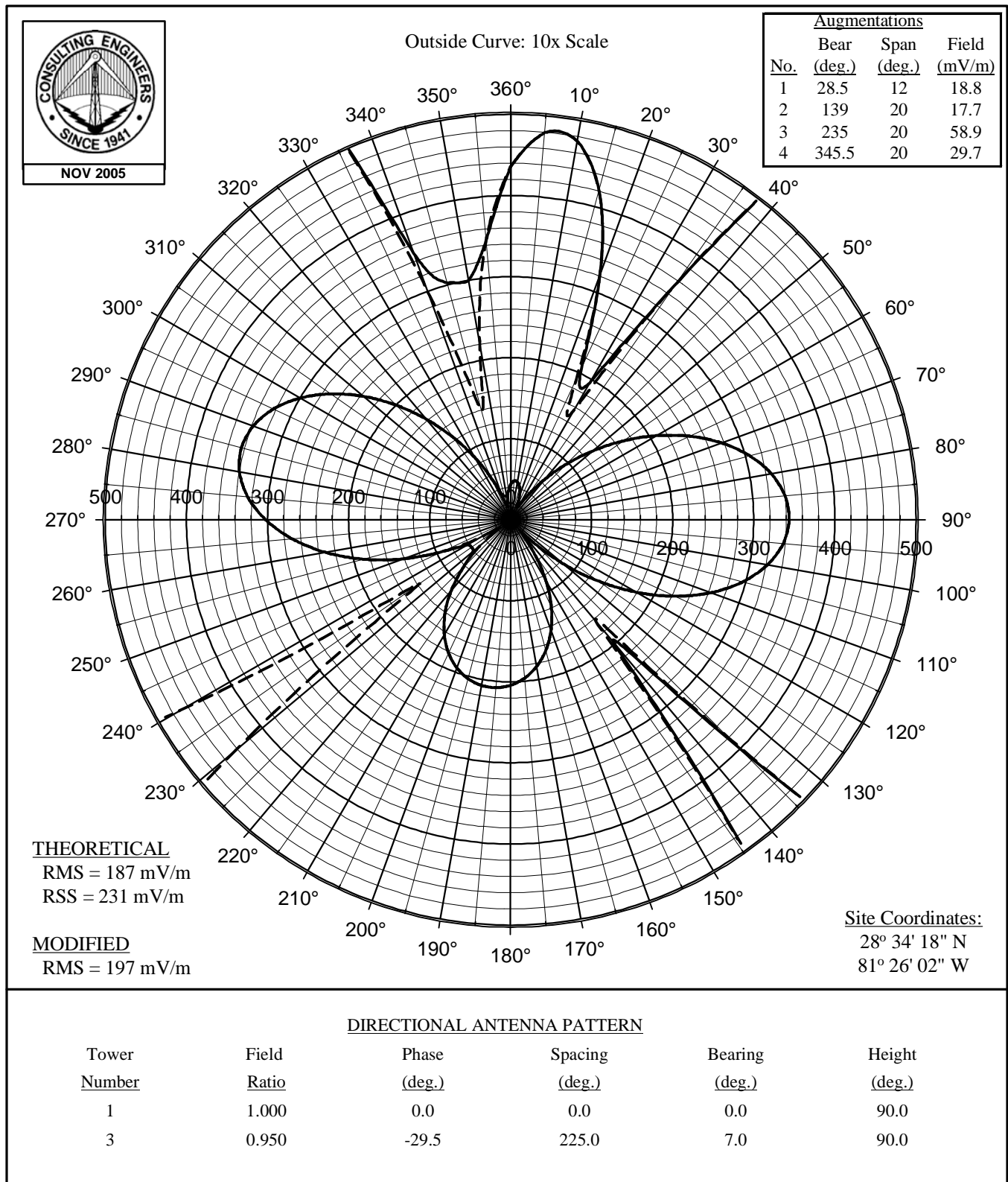


DAYTIME ALLOCATION STUDY

RADIO STATION WEUS
ORLOVISTA, FLORIDA
810 KHZ 10 KW-D, 400 W-N U DA-2

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 4(R Rev A)



NIGHTTIME HORIZONTAL PLANE MODIFIED RADIATION PATTERN

RADIO STATION WEUS
ORLOVISTA, FLORIDA
810 KHZ 10 KW-D, 400 W-N U DA-2

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

TECHNICAL EXHIBIT
APPLICATION FOR MODIFICATION
OF CONSTRUCTION PERMIT
RADIO STATION WEUS
ORLOVISTA, FLORIDA

810 KHZ 10 KW-D, 400 W-N U DA-2

NIGHTTIME RADIATION PATTERN
(Radiation Values at One Kilometer)

Tower <u>Number</u>	Field <u>Ratio</u>	Phase <u>(deg.)</u>	Spacing <u>(deg.)</u>	Bearing <u>(deg.)</u>	Height <u>(deg.)</u>
1	1.000	0.0	0.0	0.0	90.0
3	0.950	-29.5	225.0	7.0	90.0
Input Power <u>(kW)</u>	Loop Loss <u>(ohms)</u>	Theo. RMS <u>(mV/m)</u>	Theo. RSS <u>(mV/m)</u>	Q Factor <u>(mV/m)</u>	Modified RMS <u>(mV/m)</u>
0.400	1.0	187	231	10.0	196

Augmentations

	Bear	Span	Field
<u>No.</u>	<u>(deg.)</u>	<u>(deg.)</u>	<u>(mV/m)</u>
1	28.5	12	18.8
2	139	20	17.7
3	235	20	58.9
4	345.5	20	29.7

Standard Radiation Pattern
(at One Kilometer)

Azimuth Angle (deg)	Elevation Angle in Degrees						
	0	5	10	15	20	25	30
	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)
0	43.5	40.9	33.3	22.0	12.6	22.0	40.8
5	47.9	45.2	37.4	25.5	13.5	19.0	37.7
10	47.4	44.7	37.0	25.1	13.3	19.3	38.1
15	42.1	39.5	32.0	20.9	12.5	23.0	41.8
20	32.2	29.8	23.0	14.5	15.8	30.5	49.1
25	20.7	19.1	15.9	17.0	27.2	42.7	60.1
30	19.5	20.4	24.0	31.9	43.9	58.5	74.3
35	35.2	37.1	42.6	51.6	63.3	76.8	90.7
40	63.5	65.2	70.1	77.9	87.9	99.0	110
45	96.2	97.5	102	108	115	124	132
50	132	133	136	140	145	150	155
55	169	170	171	174	176	178	179
60	207	207	207	207	207	205	202
65	244	243	242	240	236	231	224
70	277	276	273	269	263	255	244
75	305	304	300	294	285	274	261
80	326	325	320	312	302	288	272
85	340	338	332	324	312	297	279
90	343	342	336	327	314	298	280
95	337	336	330	321	308	293	275
100	322	320	315	306	295	280	264
105	296	295	291	283	274	261	247
110	263	262	259	253	246	236	225
115	223	223	221	217	213	207	199
120	179	179	178	177	176	173	170
125	132	132	133	135	136	138	139
130	84.1	84.9	87.4	91.3	96.1	101	106
135	39.4	40.6	44.2	49.9	57.4	66.0	75.0
140	19.7	18.9	17.3	18.0	23.6	33.4	45.2
145	52.1	50.1	44.0	34.5	22.8	13.5	18.7
150	87.6	85.1	78.0	66.6	51.6	34.2	16.8
155	119	116	108	95.8	79.1	59.2	37.7
160	146	143	134	121	103	81.1	57.3
165	167	164	155	141	122	99.2	73.8
170	184	181	172	157	137	114	87.0
175	196	193	184	169	149	124	96.7

Standard Radiation Pattern
(at One Kilometer)

Azimuth Angle (deg)	Elevation Angle in Degrees						
	35	40	45	50	55	60	65
	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)
0	60.7	79.0	94.2	105	110	108	101
5	57.9	76.7	92.3	103	109	108	100
10	58.2	77.0	92.5	103	109	108	100
15	61.6	79.8	94.8	105	110	108	101
20	67.9	85.1	99.0	108	112	110	102
25	77.5	93.0	105	113	115	112	103
30	89.7	103	113	119	120	115	104
35	104	115	122	126	124	118	106
40	120	128	133	134	130	121	108
45	139	143	145	142	136	125	110
50	158	159	157	151	142	129	112
55	178	175	169	160	148	132	114
60	197	190	181	168	153	136	116
65	216	205	192	176	158	139	117
70	232	217	201	183	162	141	118
75	245	228	208	188	166	143	119
80	255	235	213	191	167	143	119
85	260	238	216	192	168	143	119
90	260	238	215	191	167	142	118
95	255	234	211	188	164	140	116
100	245	225	204	182	160	137	114
105	231	213	194	174	154	133	111
110	212	198	182	165	146	127	108
115	190	179	167	153	138	122	104
120	165	159	150	141	129	115	100
125	138	136	133	127	119	108	95.2
130	111	113	114	113	108	101	90.5
135	83.5	90.8	96.0	98.5	97.8	93.6	85.8
140	57.4	68.7	78.0	84.5	87.4	86.4	81.2
145	32.7	47.5	60.7	70.9	77.3	79.3	76.6
150	12.8	28.3	44.6	58.2	67.8	72.6	72.3
155	16.8	13.1	30.5	46.8	59.2	66.6	68.4
160	32.8	11.5	18.5	36.8	51.6	61.2	64.8
165	47.2	21.6	10.3	28.4	45.1	56.5	61.8
170	58.9	31.2	9.15	21.8	39.8	52.8	59.4
175	67.7	38.7	12.9	16.9	35.9	49.9	57.5

Standard Radiation Pattern
(at One Kilometer)

Azimuth Angle (deg)	Elevation Angle in Degrees						
	0 (mV/m)	5 (mV/m)	10 (mV/m)	15 (mV/m)	20 (mV/m)	25 (mV/m)	30 (mV/m)
180	204	201	192	176	156	131	103
185	208	205	195	180	159	134	106
190	207	204	195	180	159	134	106
195	203	200	190	175	155	130	102
200	194	191	182	167	147	122	95.1
205	181	178	169	154	135	111	84.6
210	163	160	152	137	119	95.9	70.7
215	141	138	130	116	98.3	77.0	53.6
220	113	111	103	90.3	73.9	54.5	33.5
225	80.7	78.4	71.4	60.2	45.7	29.0	13.4
230	59.9	58.3	53.8	47.2	40.7	37.3	40.0
235	58.9	58.6	58.0	57.8	59.2	62.9	68.6
240	62.1	62.9	65.2	69.1	74.4	80.7	87.4
245	93.5	94.3	96.5	100	104	109	113
250	141	142	142	143	144	145	145
255	188	188	187	186	183	180	176
260	232	231	229	225	220	213	204
265	270	269	266	260	252	242	230
270	302	301	296	289	278	266	251
275	325	324	318	310	298	283	267
280	339	338	332	323	310	295	277
285	343	342	336	327	314	299	280
290	338	336	331	322	310	296	278
295	323	321	317	309	299	286	270
300	300	299	295	289	281	270	258
305	271	270	267	263	258	250	241
310	237	236	235	233	231	226	220
315	200	200	200	201	201	200	198
320	162	162	164	167	170	172	174
325	125	126	129	133	139	145	150
330	89.3	90.8	95.0	102	110	119	127
335	57.4	59.2	64.3	72.4	82.7	94.3	106
340	34.8	36.4	41.3	49.6	60.9	74.2	88.2
345	29.7	29.9	31.3	36.2	45.7	58.8	73.9
350	29.6	28.1	24.8	23.6	29.9	43.1	59.6
355	34.6	32.1	25.2	15.8	14.7	28.7	47.4

Standard Radiation Pattern
(at One Kilometer)

Azimuth Angle (deg)	Elevation Angle in Degrees						
	35 (mV/m)	40 (mV/m)	45 (mV/m)	50 (mV/m)	55 (mV/m)	60 (mV/m)	65 (mV/m)
180	73.4	43.6	16.4	13.9	33.3	48.0	56.2
185	76.1	46.0	18.1	12.6	32.0	47.1	55.6
190	75.8	45.7	17.9	12.7	32.2	47.2	55.7
195	72.5	42.9	15.8	14.4	33.7	48.3	56.4
200	66.1	37.4	12.1	17.8	36.6	50.4	57.8
205	56.8	29.5	8.74	23.0	40.8	53.5	59.8
210	44.5	19.4	11.5	30.0	46.3	57.4	62.4
215	29.6	10.1	20.7	38.7	53.0	62.2	65.5
220	13.9	15.6	33.1	49.0	60.8	67.7	69.1
225	15.8	31.9	47.7	60.6	69.6	73.9	73.1
230	48.1	58.6	68.7	76.8	81.6	82.4	78.7
235	75.7	82.8	88.9	92.7	93.6	90.9	84.4
240	93.9	99.2	103	104	102	96.5	87.9
245	116	118	118	116	110	102	91.4
250	144	141	136	130	121	110	96.1
255	170	163	154	143	131	116	100
260	195	183	170	156	140	123	105
265	216	201	184	167	148	129	108
270	234	216	196	176	155	133	112
275	248	227	206	183	161	137	114
280	256	235	212	189	165	140	116
285	260	238	215	191	167	142	118
290	259	238	215	192	168	143	119
295	253	234	213	190	167	143	119
300	243	226	207	187	165	142	119
305	229	215	199	181	162	141	118
310	212	202	189	175	157	138	117
315	194	187	178	167	152	135	115
320	174	172	167	158	146	132	114
325	154	156	154	149	141	128	112
330	135	140	142	141	135	124	110
335	117	126	131	132	129	120	108
340	102	113	121	125	124	117	106
345	88.9	102	113	118	119	115	104
350	76.7	92.2	105	112	115	112	103
355	66.5	83.9	98.0	108	112	110	101

ENGINEERING EXHIBIT
STAR OVER ORLANDO, INC.
RADIO STATION WEUS
ORLOVISTA, FLORIDA

810 KHZ 10 KW-D, 400 W-N U DA-2

Nighttime Allocation Study

Night Allocation Protection Report

Call: WEUS
Freq: 810 kHz
ORLOVISTA, FL, US
Lat: 28-33-39 N
Lng: 081-30-23 W
Power: 0.4 kW
Theo RMS: 186.71 mV/m @ 1km
of Augmentations: 4

#	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	90.0	0	0	0.0	0.0	0.0	0.0
2	0.950	330.5	225.0	7.0	90.0	0	0	0.0	0.0	0.0	0.0

Call Letters	Ct	St	City	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
TGMM-B (40)	GT		RADIOMOPAN	20.53	0.50	157.96E	157.96	0.00
WGY (190)	US	NY	SCHENECTADY	51.77	0.50	48.41E	48.41	0.00
KGO (120)	US	CA	SAN FRANCISCO	6.87	0.50	364.02S	343.12	20.89
WSJC	US	MS	MAGEE	57.78	3.92	339.24	311.10	28.14
50% = 15.154, 25% = 15.68; WCKS=10.33 WHB=8.31 WGY=7.34 WBAP=4.03								
YSAX-D (45)	ES		SAN SALVADOR	10.77	0.50	232.06S	186.93	45.13
WCKS	US	AL	JACKSONVILLE	76.07	2.84	186.86	125.70	61.16
50% = 11.372, 25% = 11.372; WGY=11.37								
XERB1/O	MX	QR	COZUMEL	58.78	2.45	208.49	145.70	62.79
50% = 4.902, 25% = 6.592; XEOE/A=4.90 WGY=2.38 XEIN/A=2.27 WSJC=2.20								
WCKS=1.95								
C6B3-B	BF		FREEPORT	61.75	2.82	228.34	110.75	117.60
50% = 2.837, 25% = 2.965; WGY=2.84 WCKS=0.86								
XE/O	MX	QR	FELIPE CARRILLO	46.23	2.94	318.16	134.73	183.44
50% = 5.883, 25% = 7.079; XEOE/A=5.88 XEIN/A=2.72 WGY=2.12 WSJC=1.91								
YSFA-B (30)	ES		SAN VICENTE	6.79	0.50	368.09S	178.89	189.20
WKVM	US	PR	SAN JUAN	18.99	1.31	346.05	154.64	191.41
50% = 5.258, 25% = 5.258; WGY=4.09 CX14-A=3.31								
XEMQ1/O	MX	YC	MERIDA	48.37	2.80	289.77	70.71	219.06
50% = 6.213, 25% = 7.688; XEOE/A=5.54 XEIN/A=2.80 WSJC=2.49 WGY=2.25 WHB=2.24								
WCKS=2.06								
WDDD	US	IL	JOHNSTON CITY	31.92	2.77	433.56	103.65	329.90
50% = 11.071, 25% = 11.071; WGY=11.07								
WPLK	US	FL	PALATKA	371.99	3.79	510.08	111.23	398.86
50% = 14.877, 25% = 15.354; XEROK/A=9.37 XEROK/ =8.99 WJAT=7.26 WDSC=3.79								
WHB	US	MO	KANSAS CITY	18.24	2.10	576.14	175.48	400.66
50% = 7.268, 25% = 8.405; WGY=6.41 WBAP=3.43 WDDD=2.70 XEROK/A=2.35								
XEROK/ =2.24								
CMMB-D	CU		GUANTANAMO	20.52	1.84	447.45	42.16	405.30
50% = 3.672, 25% = 3.863; WKVM=3.67 WGY=1.20								
WMGG	US	FL	LARGO	349.91	3.65	521.03	104.02	417.01
50% = 14.07, 25% = 14.585; WBAP=14.07 HJED-A=3.84								

Figure 6
Sheet 3 of 7

Call Letters	Ct	St	City	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
WBAP (105)	US	TX	FORT WORTH	30.87	0.50	809.74G	336.65	473.08
KSJL	US	TX	SOMERSET	21.14	3.59	848.29	332.16	516.13
50% = 11.613, 25% = 14.343; KXOI=7.45 WBAP=6.97 XEROK/A=5.55 XEROK/ =5.38 WHB=5.32 WGY=3.70								
XERI/O	MX	TA	REYNOSA	18.30	3.00	819.69	265.95	553.74
50% = 6.002, 25% = 8.243; WHB=4.59 KSJL=3.87 WSJC=2.79 XEAGR/ =2.30 KXOI=2.24 XEUX/A=2.24 WGY=2.14 WCKS=2.06								
XEFW/O	MX	TA	TAMPICO	14.90	2.77	928.01	145.43	782.57
50% = 5.532, 25% = 7.518; XEAGR/ =3.98 XEOE/A=3.84 XEIN/A=2.49 XEUX/A=2.48 WHB=2.38 KSJL=2.03 KGO=1.95								
XEFW1/O	MX	TA	TAMPICO	14.90	2.77	928.01	145.43	782.57
50% = 5.532, 25% = 7.518; XEAGR/ =3.98 XEOE/A=3.84 XEIN/A=2.49 XEUX/A=2.48 WHB=2.38 KSJL=2.03 KGO=1.95								
XEOE/A	MX	CS	TAPACHULA	12.67	2.48	979.83	122.90	856.92
50% = 4.965, 25% = 5.134; XEIN/A=3.87 XEAGR/ =3.12 WGY=1.31								
KLDC	US	CO	BRIGHTON	8.70	2.19	1259.57	260.90	998.67
50% = 7.426, 25% = 8.899; XEROK/A=4.51 XEROK/ =4.27 KXOI=4.07 KGO=2.67 WGY=2.62 WHB=2.29 WBAP=2.19								
XEIM/O	MX	CI	SALTILLO	11.06	3.20	1445.64	266.37	1179.27
50% = 6.395, 25% = 8.497; KSJL=5.22 KXOI=3.70 KGO=3.01 XEUX/A=3.00 XEAGR/ =2.57 WHB=2.57								
KXOI	US	TX	CRANE	14.49	4.55	1569.35	343.53	1225.82
50% = 17.238, 25% = 18.189; XEROK/A=12.37 XEROK/ =12.00 WBAP=5.80								
XEIN/A	MX	CS	CINTALAPA	14.09	4.20	1491.21	73.77	1417.44
50% = 8.402, 25% = 9.268; XEOE/A=8.40 XEAGR/ =3.91								
NEW	US	MN	WILTON	7.72	2.38	1543.78	59.28	1484.49
50% = 9.528, 25% = 9.528; WHB=8.27 WGY=4.73								
NEW	US	MN	WILTON	7.76	2.41	1555.39	59.89	1495.50
50% = 9.653, 25% = 9.653; WHB=8.41 WGY=4.75								
XEHT/O	MX	TL	HUAMANTLA	11.10	3.74	1684.99	69.89	1615.10
50% = 7.484, 25% = 8.425; XEAGR/ =5.31 XEOE/A=5.28 XEIN/A=3.09 XEUX/A=2.32								
XEHT1/O	MX	TL	HUAMANTLA	11.09	3.75	1691.71	69.42	1622.29
50% = 7.506, 25% = 8.445; XEAGR/ =5.32 XEOE/A=5.30 XEIN/A=3.10 XEUX/A=2.32								
WJAT	US	GA	SWAINSBORO	136.70	4.73	1729.44	49.16	1680.28
50% = 15.825, 25% = 18.913; XEROK/A=9.94 XEROK/ =9.53 WPJM=7.79 WDSC=6.44 WPLK=6.10 WDEH=5.34								
XEAGR/A	MX	GR	ACAPULCO	7.11	2.79	1961.88	60.35	1901.52
50% = 5.634, 25% = 6.435; XEOE/A=4.89 XEIN/A=2.79 XEUX/A=2.37 KGO=2.02								
XEAGR/	MX	GR	ACAPULCO	7.11	2.79	1964.26	60.30	1903.95
50% = 5.638, 25% = 6.437; XEOE/A=4.90 XEIN/A=2.79 XEUX/A=2.36 KGO=2.01								

Figure 6
Sheet 4 of 7

Call Letters	Ct	St	City	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
UNK-A (210)	GL		UPERNAVIK	1.27	0.50	1966.07S	47.31	1918.76
HJCY-B (10)	CO		BOGOTA 22	4.24	1.72	2031.34s	94.27	1937.08
XEYM/O	MX	MC	MORELIA	7.72	3.26	2112.00	122.86	1989.13
50% = 7.055, 25% = 8.056; XEAGR/ =5.26 XEOE/A=3.38 XEUX/A=3.26 KGO=2.53 XEIN/A=2.19 KXOI=1.98								
YVLP-B (325)	VE		VALENCIA 1	3.04	1.25	2055.44S	37.82	2017.62
NEW	US	NC	TOWN CREEK	79.65	3.46	2172.41	24.71	2147.70
50% = 13.842, 25% = 13.842; WBAP=9.61 WGGM=7.78 WTRU=6.22								
XEYZ/O	MX	ZA	RIO GRANDE	7.87	3.86	2450.79	241.51	2209.29
50% = 8.485, 25% = 9.762; KXOI=6.23 KSJL=4.28 XEUX/A=3.86 KGO=3.71 XEAGR/ =3.09								
XEYZ/O	MX	ZA	RIO GRANDE	7.87	3.86	2450.79	241.51	2209.29
50% = 8.485, 25% = 9.762; KXOI=6.23 KSJL=4.28 XEUX/A=3.86 KGO=3.71 XEAGR/ =3.09								
NEW	US	NC	LELAND	76.48	3.57	2331.23	22.48	2308.75
50% = 14.264, 25% = 14.264; WBAP=9.53 WGGM=8.23 WTRU=6.69								
NEW	US	NC	MASONBORO	76.05	3.64	2394.37	26.53	2367.84
50% = 14.568, 25% = 14.568; WBAP=9.39 WGGM=8.86 WTRU=6.76								
NEW	US	NC	MASONBORO	75.51	3.66	2425.03	26.04	2398.99
50% = 14.648, 25% = 14.648; WBAP=9.37 WGGM=8.95 WTRU=6.83								
HRLP 24-B	HO		CHOLUTECA 4	5.79	3.01	2598.51	192.37	2406.14
50% = 2.636, 25% = 2.934; XEOE/A=2.64 XEIN/A=0.96 WKVM=0.86								
NEW	US	NC	MASONBORO	74.95	3.70	2469.09	26.79	2442.30
50% = 14.804, 25% = 14.804; WBAP=9.32 WGGM=9.20 WTRU=6.90								
XEMAX/O	MX	CL	TECOMAN	5.59	3.10	2776.41	138.52	2637.89
50% = 6.631, 25% = 7.483; XEAGR/ =4.57 XEUX/A=3.67 KGO=3.10 KXOI=2.61 XEOE/A=2.28								
XEMAX1/O	MX	CL	ARMERIA	5.55	3.12	2807.20	139.25	2667.95
50% = 6.625, 25% = 7.475; XEAGR/ =4.54 XEUX/A=3.68 KGO=3.12 KXOI=2.63 XEOE/A=2.25								
XEUX/A	MX	NA	TUXPAN	5.68	3.40	2990.71	216.33	2774.38
50% = 6.801, 25% = 8.066; KXOI=5.26 KGO=4.31 XEAGR/ =3.26 KSJL=2.86								
WDSC	US	SC	DILLON	81.91	5.09	3106.54	28.52	3078.02
50% = 15.14, 25% = 20.356; CKLW/A=10.50 XEROK/A=7.71 WPJM=7.71 XEROK/ =7.39 WJAT=7.19 WKBC=6.89 WSVS=5.60								
WDSC	US	SC	DILLON	81.88	5.09	3107.88	28.49	3079.39
50% = 15.145, 25% = 20.358; CKLW/A=10.51 WPJM=7.71 XEROK/A=7.71 XEROK/ =7.39 WJAT=7.19 WKBC=6.89 WSVS=5.61								
WPJM	US	SC	GREER	75.77	5.47	3608.09	24.86	3583.23
50% = 17.667, 25% = 21.871; XEROK/A=9.53 XEROK/ =9.13 WJAT=8.61 WDEH=7.98 WKBC=7.84 WDSC=7.62 CKLW/A=6.84								
WGGM	US	VA	CHESTER	41.66	3.08	3700.07	29.13	3670.94
50% = 10.354, 25% = 12.333; WBAP=8.18 WXTR=6.35 WOSU=4.34 WGY=3.63 WWLZ=3.58								

Figure 6
Sheet 5 of 7

Call Letters	Ct	St	City	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
HOG-B	PM		RADIO MUNDIA	3.24	2.71	4177.86	194.72	3983.14
50% = 2.947, 25% = 3.128; WKVM=2.95 HCVT2-A=1.05								
WDEH	US TN		SWEETWATER	60.57	5.20	4295.53	44.20	4251.34
50% = 17.828, 25% = 20.815; XEROK/A=11.28 XEROK/ =10.81 WPJM=8.58 WJAT=6.34 CKLW/A=6.14 WKBC=6.12								
WKBC	US NC		NORTH WILKESBOR	58.58	5.85	4991.93	39.82	4952.11
50% = 17.458, 25% = 23.395; CKLW/A=12.33 WPJM=8.99 XEROK/A=8.48 XEROK/ =8.13 WDSC=7.80 WDEH=6.53 WSVS=6.18 WJAT=5.90								
WOSU	US OH		COLUMBUS	29.88	2.98	4989.21	31.54	4957.67
50% = 11.928, 25% = 11.928; WBAP=11.93								
XENVA2/O	MX CH		NUEVO CASAS GRA	5.27	5.77	5470.07	341.05	5129.02
50% = 11.535, 25% = 11.535; KGO=11.53								
WXTR	US MD		FREDERICK	30.27	3.18	5250.83	38.98	5211.85
50% = 10.776, 25% = 12.715; WBAP=7.47 WWLZ=5.65 WGY=5.32 WGGM=4.14 WOSU=3.96 CHAM/B=3.58								
WSHO	US LA		NEW ORLEANS	60.17	6.92	5752.02	337.49	5414.53
50% = 27.688, 25% = 27.688; XEROK/A=19.96 XEROK/ =19.19								
NEW	US KY		GLASGOW	43.60	5.27	6038.13	52.91	5985.22
50% = 16.997, 25% = 21.062; XEROK/A=12.27 XEROK/ =11.76 WDEH=8.09 CKLW/A=7.70 WPJM=5.47								
ZYH-589-A (305)BR			FORTALEZA 1	0.36	0.50	6932.53S	169.01	6763.52
CKJS/	CA MB		WINNIPEG	4.64	6.42	6925.10	58.11	6866.98
50% = 12.842, 25% = 14.302; WHB=12.84 WGY=6.30								
XERSV1/A	MX SO		CD.OBREGON	4.28	6.98	8154.85	323.36	7831.49
50% = 13.961, 25% = 14.549; KGO=13.96 KXOI=4.10								
CX14-A (335)	UY		MONTEVIDEO 1	0.31	0.50	8091.22S	136.04	7955.18
WSVS	US VA		CREWE	44.56	7.37	8266.01	35.03	8230.97
50% = 28.518, 25% = 29.47; CKLW/A=28.52 WTMR=7.43								
WWLZ	US NY		HORSEHEADS	19.87	3.46	8711.54	42.79	8668.75
50% = 12.917, 25% = 13.845; WXTR=8.85 WGY=7.25 WBAP=5.99 WOSU=4.98								
WNYC	US NY		NEW YORK	21.60	4.01	9269.75	21.19	9248.56
50% = 13.031, 25% = 16.021; WXTR=10.83 WGY=7.24 WWLZ=5.56 WGGM=5.30 WBAP=5.27								
WAIT	US IL		CHICAGO	20.44	4.01	9821.20	38.28	9782.92
50% = 15.511, 25% = 16.057; WBAP=15.51 WCCO=4.15								
WKZI	US IL		CASEY	27.72	5.55	10003.62	59.60	9944.03
50% = 22.184, 25% = 22.184; XEROK/A=13.12 CKLW/A=12.74 XEROK/ =12.56								
NEW/A	CA AB		BROOKS	2.48	5.30	10698.08	145.05	10553.03
50% = 10.596, 25% = 10.596; KGO=10.60								
NEW	US MI		ESCANABA	12.09	3.14	12999.18	30.11	12969.07
50% = 10.914, 25% = 12.577; WBAP=8.62 CHAM/B=6.70 WCCO=4.81 WOSU=4.00								

Figure 6
Sheet 6 of 7

Call Letters	Ct	St	City	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
NEW 50% = 10.927, 25% = 12.586; WBAP=8.60	US	MI	ESCANABA	12.08	3.15	13029.05	30.11	12998.94
				CHAM/B=6.74	WCCO=4.80	WOSU=4.00		
XENVA2/O 50% = 21.849, 25% = 21.849; KGO=21.85	MX	SO	NOGALES	4.06	10.92	13457.47	343.33	13114.14
WDUX 50% = 16.568, 25% = 16.568; XEROK/A=9.81	US	WI	WAUPACA	13.70	4.14	15120.32	33.11	15087.21
				CKLW/A=9.51	XEROK/ =9.37			
CJVA/A 50% = 38.652, 25% = 38.652; WGY=38.65	CA	NB	CARAQUET	5.31	19.33	18206.79	18.94	18187.85
WTMR 50% = 44.374, 25% = 44.374; CKLW/A=44.37	US	NJ	CAMDEN	25.40	11.09	21840.21	23.26	21816.95
WLAD 50% = 35.117, 25% = 35.117; CKLW/A=35.12	US	CT	DANBURY	19.32	8.78	22723.44	20.54	22702.90
WVAL 50% = 16.318, 25% = 17.925; XEROK/A=11.82	US	MN	SAUK RAPIDS	9.78	4.48	22903.27	69.36	22833.90
				XEROK/ =11.26	WDUX=7.42			
WNNW 50% = 26.296, 25% = 27.253; CKLW/A=20.47	US	MA	LAWRENCE	14.77	6.81	23056.59	18.81	23037.78
				CJAD/A=16.50	WGY=7.16			
KUTR 50% = 11.304, 25% = 11.304; WBAP=11.30	US	UT	TAYLORSVILLE	5.51	2.83	25635.51	281.21	25354.31
KUTR 50% = 11.304, 25% = 11.304; WBAP=11.30	US	UT	TAYLORSVILLE	5.51	2.83	25635.51	281.21	25354.31
NEW 50% = 2.928, 25% = 2.928; KGO=2.22	US	AK	KNIK-FAIRVIEW	0.14	0.73	25718.87	108.99	25609.88
				KCBF=1.91				
KGNW 50% = 4.514, 25% = 4.514; WBAP=3.36	US	WA	BURIEN-SEATTLE	2.18	1.13	25906.00	220.33	25685.67
				KGO=3.01				
HCDE2-B 50% = 1.099, 25% = 1.202; WKVM=1.10	EC		GUAYAQUIL	1.05	6.41	30434.01	199.72	30234.28
				CX14-A=0.49				
UNK-A 50% = 3.717, 25% = 4.342; ZYH-589-A=2.34	BR	S M	DA VITOR	0.31	1.86	30290.60	45.90	30244.70
				ZYL-202-A=2.18	ZYH472-A=1.90			
				ZYH-767-A=1.68	CX14-A=1.49			
ZYH472-A 50% = 3.741, 25% = 3.954; ZYH-589-A=2.79	BR		JEQUIE	0.28	1.87	33753.06	74.70	33678.36
				ZYL-202-A=2.49	CX14-A=1.28			
XENVA2/O 50% = 45.075, 25% = 45.075; KGO=45.07	MX	SO	SAN LUIS RIO CO	3.07	22.54	36716.11	342.99	36373.12
HCFU1-B 50% = 3.527, 25% = 3.813; HCVT2-A=3.53	EC		QUITO 3	1.22	9.36	38340.30	193.74	38146.55
				WKVM=1.45				
ZYL-202-A 50% = 3.992, 25% = 4.66; ZYH472-A=3.27	BR		AIMORES	0.25	2.00	40343.38	30.58	40312.81
				CX14-A=2.28	ZYL266-A=1.26			
				ZYK-732-A=1.23	ZYK655-A=1.18	ZYK-604-A=1.14		
KQCV 50% = 63.789, 25% = 63.789; XEROK/A=46.01	US	OK	OKLAHOMA CITY	19.02	15.95	41926.87	296.17	41630.70
				XEROK/ =44.18				

Figure 6
Sheet 7 of 7

Call Letters	Ct	St	City	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
UNK-A	BR		ITAOBIM	0.27	2.25	42046.77	45.17	42001.61
50% = 4.497, 25% = 5.075; ZYL-202-A=3.24 ZYH472-A=3.12 CX14-A=1.76 ZYH-589-A=1.56								
UNK-A	BR		PROPRIA	0.28	2.47	44066.24	128.60	43937.65
50% = 4.938, 25% = 5.317; ZYH-589-A=4.94 ZYH472-A=1.97								
HCVT2-A	EC		ATALAYA	1.05	9.94	47105.50	198.64	46906.85
50% = 1.127, 25% = 1.229; WKVM=1.13 CX14-A=0.49								
ZYL266-A	BR		NEPOMUCENO	0.26	2.50	48985.67	23.70	48961.97
50% = 5.008, 25% = 5.858; CX14-A=4.12 ZYL-202-A=2.85 ZYK-732-A=1.95 ZYK-604-A=1.79 ZYH472-A=1.50								
ZYK-732-A	BR		S J DO R PRE	0.28	2.72	49089.32	46.48	49042.84
50% = 5.45, 25% = 6.217; CX14-A=5.45 ZYL-202-A=1.87 ZYH-767-A=1.69 ZYK-604-A=1.62								
KINY	US AK		JUNEAU	0.48	0.65	67349.93	125.55	67224.38
50% = 2.607, 25% = 2.607; XEROK/A=1.89 XEROK/ =1.79								
ZYK-604-A	BR		JUNDIAI	0.25	3.46	69144.16	41.74	69102.42
50% = 6.924, 25% = 7.567; CX14-A=6.92 ZYL-202-A=2.25 ZYK-732-A=2.06								
CP 188-A	BL		WARNES	0.39	5.72	74301.22	128.58	74172.64
50% = 3.079, 25% = 3.079; CX14-A=3.08								
ZYK655-A	BR		SANTOS	0.24	3.73	76640.85	41.59	76599.26
50% = 7.454, 25% = 8.116; CX14-A=7.45 ZYK-604-A=2.30 ZYL-202-A=2.24								
KPDQ	US OR		PORTLAND	2.42	3.90	80555.22	243.78	80311.44
50% = 14.373, 25% = 15.59; XEROK/A=10.46 XEROK/ =9.86 KGO=4.47 CKOR/A=4.06								
KPDQ	US OR		PORTLAND	2.42	3.90	80555.22	243.78	80311.44
50% = 14.373, 25% = 15.59; XEROK/A=10.46 XEROK/ =9.86 KGO=4.47 CKOR/A=4.06								
ZYH-767-A	BR		RIALMA	0.33	5.65	86617.24	22.96	86594.28
50% = 3.215, 25% = 3.451; CX14-A=2.28 ZYK-732-A=1.68 ZYL-202-A=1.51 ZYL266-A=0.89 ZYK-604-A=0.88								
NEW	US OR		BANDON	2.53	4.82	95495.88	271.97	95223.91
50% = 15.893, 25% = 19.296; XEROK/A=11.57 XEROK/ =10.90 KPDQ=7.87 KGO=7.60								
UNK-A	BR		ALTA FLOREST	0.45	9.84	108601.98	42.76	108559.22
50% = 1.778, 25% = 2.099; CX14-A=1.36 ZYH-767-A=1.14 WKVM=0.76 CP 188-A=0.62 ZYH-589-A=0.53								
KDFO	US CA		BAKERSFIELD	4.40	10.23	116153.82	333.34	115820.48
50% = 40.928, 25% = 40.928; XEROK/A=29.85 XEROK/ =28.01								
UNK-A	BR		S JOSE R CLA	0.40	9.69	120703.94	66.15	120637.79
50% = 2.466, 25% = 2.79; CX14-A=2.05 ZYH-767-A=1.37 CP 188-A=1.01 ZYK-732-A=0.83								
UNK-A	BR		PORTO NACION	0.37	9.49	129713.44	31.14	129682.29
50% = 3.138, 25% = 3.558; ZYH-589-A=1.98 ZYH-767-A=1.80 ZYH472-A=1.64 CX14-A=1.33 ZYL-202-A=1.02								