

Radiotechniques

402 Tenth Ave. • PO Box 367 • Haddon Heights, NJ 08035-0367

Exhibit 15 Table 1
Night Interference Free
East Cost Broadcasting, Inc.
WIBF, Dover DE
March 2004

AM Allocation Study

Coordinates : 39-10-14.0 N 75-33-16.2 W
Frequency : 1600

SITE INFO															
CALL	FRQ	COUNTRY	CITY	ST	DIST	CLASS	SLANT DIST	GEOMAG MID	AZIMUTH	GND RAD	MIN ELEV	MAX ELEV	MAX RAD	SWAVE FLD	LIMITATION RSS LIMIT 50% RSS LIMIT 25%
WKDM	1600	US	ROCKVILLE	MD	138.0	B	243.0	50.5	86.1	276.6	45.9	59.7	92.0	0.363067	6.681 6.681 0.000 6.681
WKDM	1600	US	ROCKVILLE	MD	138.0	B	243.0	50.5	86.1	276.6	45.9	59.7	92.0	0.363067	6.681 6.681 0.000 6.681
WKDM	1600	US	ROCKVILLE	MD	138.0	B	243.0	50.5	86.1	276.6	45.9	59.7	92.0	0.363067	6.681 6.681 0.000 6.681
WKDM	1600	US	ROCKVILLE	MD	138.0	B	243.0	50.5	86.1	276.6	45.9	59.7	92.0	0.363067	6.681 6.681 0.000 6.681
WKDM	1600	US	ROCKVILLE	MD	137.9	B	242.9	50.5	86.1	276.6	45.9	59.7	92.0	0.363123	6.678 6.678 0.000 6.678
WKDM	1600	US	ROCKVILLE	MD	137.9	B	242.9	50.5	86.1	276.6	45.9	59.7	92.0	0.363123	6.678 6.678 0.000 6.678
WWRL	1600	US	NEW YORK	NY	221.3	B	298.3	51.4	215.7	94.2	32.5	46.7	97.7	0.269570	5.265 8.506 8.506 8.506
WHOL	1600	US	ALLENTOWN	PA	158.2	D	255.0	51.3	182.4	93.8	41.9	56.1	43.1	0.337351	2.909 0.000 0.000 2.909
WEHH	1600	US	ELMIRA HEIGHTS-	NY	344.6	B	398.4	52.0	161.7	95.8	21.9	34.0	61.6	0.173839	2.140 0.000 8.771 2.140
WEHH	1600	US	ELMIRA HEIGHTS-	NY	344.6	B	398.4	52.0	161.7	95.8	21.9	34.0	61.6	0.173839	2.140 0.000 0.000 2.140
WHJB	1600	US	BEDFORD	PA	269.0	D	335.2	51.0	109.4	47.7	27.5	41.0	41.4	0.228808	1.896 0.000 0.000 1.896
WCPK	1600	US	CHESAPEAKE	VA	270.9	D	336.7	49.4	13.4	48.3	27.4	40.8	39.6	0.231212	1.831 0.000 0.000 1.831
WLUZ	1600	US	BAYAMON	PR	2484.7	B	2492.7	40.3	340.6	895.6	0.0	0.0	895.6	0.010090	1.807 0.000 0.000 1.807
CHNR	1600	CA	SIMCOE	ON	561.2	B	595.7	52.3	133.6	103.1	13.1	21.8	96.5	0.091298	1.762 0.000 0.000 1.762
CHNR	1600	CA	SIMCOE	ON	561.2	B	595.7	52.3	133.6	103.1	13.1	21.8	96.5	0.091298	1.762 0.000 0.000 1.762
WJSA	1600	US	JERSEY SHORE	PA	270.8	D	336.7	51.6	147.0	43.0	27.4	40.8	36.4	0.225437	1.640 0.000 0.000 1.640
WUNR	1600	US	BROOKLINE	MA	505.3	B	543.4	52.2	228.1	115.7	14.8	24.2	74.3	0.106398	1.582 0.000 0.000 1.582
WUNR	1600	US	BROOKLINE	MA	505.3	B	543.4	52.2	228.1	115.7	14.8	24.2	74.3	0.106398	1.582 0.000 0.000 1.582
WMNE	1600	US	RIVIERA BEACH	FL	1445.0	B	1458.8	44.3	16.0	304.4	2.4	6.1	304.0	0.024532	1.491 0.000 0.000 1.491
WMNE	1600	US	RIVIERA BEACH	FL	1445.0	B	1458.8	44.3	16.0	304.4	2.4	6.1	304.0	0.024532	1.491 0.000 0.000 1.491
WKXX	1600	US	WHEELING	WV	452.5	D	494.7	51.0	101.4	57.9	16.6	26.8	53.9	0.127160	1.370 0.000 0.000 1.370
WKXX	1600	US	WHEELING	WV	452.5	D	494.7	51.0	101.4	57.9	16.6	26.8	53.9	0.127160	1.370 0.000 0.000 1.370
WIDU	1600	US	FAYETTEVILLE	NC	540.5	D	576.3	48.5	32.1	60.7	13.7	22.6	58.4	0.104910	1.225 0.000 0.000 1.225
WAKR	1590	US	AKRON	OH	546.2	B	581.6	51.4	110.2	718.7	13.5	22.4	614.8	0.097293	1.196 0.000 0.000 1.196
WUNR	1600	US	BROOKLINE	MA	505.3	B	543.4	52.2	228.1	64.9	14.8	24.2	54.3	0.106393	1.155 0.000 0.000 1.155
WUNR	1600	US	BROOKLINE	MA	505.3	B	543.4	52.2	228.1	64.9	14.8	24.2	54.3	0.106393	1.155 0.000 0.000 1.155
WOKB	1600	US	WINTER GARDEN	FL	1300.2	B	1315.5	45.2	23.4	193.3	3.4	7.5	197.7	0.028814	1.139 0.000 0.000 1.139
WOKB	1600	US	WINTER GARDEN	FL	1300.2	B	1315.5	45.2	23.4	193.3	3.4	7.5	197.7	0.028814	1.139 0.000 0.000 1.139
YVJR	1600	VE	BARQUISIMETO		3293.0	C	3299.0	36.1	350.2	780.0	0.0	0.0	780.0	0.007018	1.095 0.000 0.000 1.095
XEAE	1600	MX	CD.ACUÑA	CI	2565.4	B	2573.2	45.6	58.0	683.2	0.0	0.0	683.2	0.007996	1.093 0.000 0.000 1.093
WMCR	1600	US	ONEIDA	NY	435.3	D	479.0	52.5	178.4	44.8	17.3	27.8	41.5	0.129085	1.071 0.000 0.000 1.071
WTTF	1600	US	TIFFIN	OH	687.4	D	715.9	51.5	105.9	74.4	10.3	17.6	71.5	0.068954	0.986 0.000 0.000 0.986

Radiotechniques

402 Tenth Ave. • PO Box 367 • Haddon Heights, NJ 08035-0367

Exhibit 15 Table 1
Night Interference Free
East Cost Broadcasting, Inc.
WIBF, Dover DE
March 2004

CMFR 1600 CU	CIENFUEGOS	1950.3	C	1960.6	42.0	12.7	309.5	0.0	2.6	309.5	0.015196	0.941	0.000	0.000
WEUP 1600 US	HUNTSVILLE	AL 1099.3	B	1117.4	48.3	60.3	128.6	5.0	9.8	127.3	0.035352	0.900	0.000	0.000
WZZW 1600 US	MILTON	WV 573.5	D	607.3	50.1	79.7	49.8	12.8	21.3	48.0	0.093637	0.899	0.000	0.000
CMLR 1600 CU	VICTORIA TUN	2031.9	C	2041.7	41.4	3.4	309.5	0.0	2.1	309.5	0.014282	0.884	0.000	0.000
WAOS 1600 US	AUSTELL	GA 1007.7	D	1027.4	47.8	51.1	108.6	5.9	11.1	105.4	0.041456	0.874	0.000	0.000
WULM 1600 US	SPRINGFIELD	OH 717.6	D	745.0	50.9	94.3	70.3	9.7	16.8	66.4	0.065662	0.872	0.000	0.000
WQOP 1600 US	ATLANTIC BEACH	FL 1119.8	D	1137.5	46.1	27.0	115.2	4.8	9.5	113.6	0.036312	0.825	0.000	0.000
WKWF 1600 US	KEY WEST	FL 1723.2	B	1734.8	43.2	18.2	215.1	0.9	4.0	215.0	0.018466	0.794	0.000	0.000
WKWF 1600 US	KEY WEST	FL 1723.2	B	1734.8	43.2	18.2	215.1	0.9	4.0	215.0	0.018466	0.794	0.000	0.000
KATZ 1600 US	ST. LOUIS	MO 1261.0	B	1276.7	50.2	82.8	141.8	3.7	7.9	141.6	0.025847	0.732	0.000	0.000
WGIV 1600 US	CHARLOTTE	NC 640.8	B	671.3	48.6	45.6	43.7	11.2	19.0	42.6	0.082444	0.702	0.000	0.000
WGIV 1600 US	CHARLOTTE	NC 640.8	B	671.3	48.6	45.6	43.7	11.2	19.0	42.6	0.082444	0.702	0.000	0.000
WAAM 1600 US	ANN ARBOR	MI 763.0	B	788.8	52.0	113.4	60.9	9.0	15.7	59.4	0.057367	0.682	0.000	0.000
WCBG 1590 US	CHAMBERSBURG	PA 198.3	B	281.6	50.9	113.6	159.9	35.5	49.9	109.4	0.294193	0.644	0.000	0.000
WCBG 1590 US	CHAMBERSBURG	PA 198.3	B	281.6	50.9	113.6	159.9	35.5	49.9	109.4	0.294193	0.644	0.000	0.000
WAOS 1600 US	AUSTELL	GA 1007.7	D	1027.4	47.8	51.1	74.5	5.9	11.1	72.3	0.041456	0.600	0.000	0.000
WFIS 1600 US	FOUNTAIN INN	SC 772.8	D	798.3	48.3	48.1	48.3	8.8	15.4	47.5	0.062635	0.595	0.000	0.000
WFIS 1600 US	FOUNTAIN INN	SC 772.8	D	798.3	48.3	48.1	48.3	8.8	15.4	47.5	0.062635	0.595	0.000	0.000
KCRG 1600 US	CEDAR RAPIDS	IA 1382.8	B	1397.2	51.9	97.7	149.8	2.8	6.7	148.1	0.020017	0.593	0.000	0.000
WAIA 1600 US	BEAVER DAM	KY 1007.5	D	1027.1	49.6	75.5	73.5	5.9	11.1	71.4	0.039291	0.561	0.000	0.000
XE 1600 MX	ACAPULCO	GR 2895.1	B	2902.0	39.3	27.9	347.0	0.0	0.0	347.0	0.007857	0.545	0.000	0.000
YNR1 1600 NU	RELOJ NACION	3036.1	A	3042.6	37.7	18.7	349.4	0.0	0.0	349.4	0.007695	0.538	0.000	0.000
WXVI 1600 US	MONTGOMERY	AL 1225.3	B	1241.5	47.1	49.1	87.7	3.9	8.3	86.8	0.030389	0.527	0.000	0.000
NEW 1600 CA	CORNWALL	ON 652.0	B	682.0	53.5	186.1	40.2	11.0	18.7	37.7	0.069729	0.526	0.000	0.000
WJRO 1590 US	GLEN BURNIE	MD 92.0	B	220.2	50.6	90.1	293.5	57.2	68.7	60.0	0.415732	0.499	0.000	0.000
XEAE 1600 MX	CD.ACUÑA	CI 2565.4	B	2573.2	45.6	58.0	311.6	0.0	0.0	311.6	0.007996	0.498	0.000	0.000
HRPC 1600 HO	S LUIS	2947.6	C	2954.4	38.4	22.5	309.5	0.0	0.0	309.5	0.007884	0.488	0.000	0.000
HRXN 1600 HO	TEGUCIGALPA	3016.4	C	3023.0	37.9	20.1	309.5	0.0	0.0	309.5	0.007718	0.478	0.000	0.000
KOKE 1600 US	PFLUGERVILLE	TX 2227.5	B	2236.5	46.1	57.9	228.4	0.0	1.1	228.4	0.010405	0.475	0.000	0.000
XE 1600 MX	VILLAHERMOSA	TB 2890.1	B	2897.0	39.8	31.9	305.0	0.0	0.0	305.0	0.007675	0.468	0.000	0.000
WNGA 1600 US	NASHVILLE	GA 1126.1	D	1143.7	46.5	36.0	66.1	4.7	9.4	65.7	0.035614	0.468	0.000	0.000
WNGA 1600 US	NASHVILLE	GA 1126.1	D	1143.7	46.5	36.0	66.1	4.7	9.4	65.7	0.035614	0.468	0.000	0.000
XE00 1600 MX	TUXTLA GUTIERRE	CS 3015.3	B	3021.9	39.2	30.8	304.6	0.0	0.0	304.6	0.007276	0.443	0.000	0.000
NEW 1590 US	OAKVILLE	CT 342.9	B	397.0	51.8	218.7	235.2	22.0	34.1	121.5	0.175476	0.426	0.000	0.000
WBTO 1600 US	LINTON	IN 1002.9	D	1022.7	50.4	85.7	55.0	5.9	11.1	54.6	0.038478	0.420	0.000	0.000
WBTO 1600 US	LINTON	IN 1002.9	D	1022.7	50.4	85.7	55.0	5.9	11.1	54.6	0.038478	0.420	0.000	0.000
WTZQ 1600 US	HENDERSONVILLE	NC 744.2	D	770.6	48.6	52.8	31.9	9.3	16.1	31.3	0.065924	0.413	0.000	0.000
WPSN 1590 US	HONESDALE	PA 266.2	B	332.9	51.8	185.6	269.2	27.8	41.3	90.3	0.228525	0.413	0.000	0.000
WMQM 1600 US	MILAN	TN 1215.7	D	1232.0	48.9	68.8	70.5	4.0	8.4	70.2	0.029124	0.409	0.000	0.000
XEAK 1600 MX	ACAMBARO	GT 3211.3	B	3217.5	40.9	43.1	331.5	0.0	0.0	331.5	0.006027	0.400	0.000	0.000
WKHZ 1590 US	OCEAN CITY	MD 92.9	B	220.5	50.2	336.6	104.8	57.0	68.5	47.6	0.415525	0.396	0.000	0.000
HCPB 1600 EC	GIRON	4693.1	B	4697.3	29.5	4.0	437.7	0.0	0.0	437.7	0.004473	0.392	0.000	0.000
WOKB 1600 US	WINTER GARDEN	FL 1300.2	D	1315.5	45.2	23.4	68.2	3.4	7.5	67.9	0.028814	0.391	0.000	0.000
WOKB 1600 US	WINTER GARDEN	FL 1300.2	D	1315.5	45.2	23.4	68.2	3.4	7.5	67.9	0.028814	0.391	0.000	0.000
XEJC 1600 MX	TEHUACAN	PU 3117.0	B	3123.5	40.1	37.8	296.6	0.0	0.0	296.6	0.006551	0.389	0.000	0.000
KXEW 1600 US	SOUTH TUCSON	AZ 3269.9	B	3276.0	47.2	66.2	443.8	0.0	0.0	443.8	0.004364	0.387	0.000	0.000

Consulting Engineers

Radiotechniques

402 Tenth Ave. • PO Box 367 • Haddon Heights, NJ 08035-0367

Exhibit 15 Table 1
Night Interference Free
East Cost Broadcasting, Inc.
WIBF, Dover DE
March 2004

XETP 1600 MX	TLAPA DE COMONF	GR 3270.9	B	3277.0	39.6	38.0	305.8	0.0	0.0	305.8	0.006079	0.372	0.000	0.000
XE 1600 MX	IXTEPEC	OA 3150.5	B	3156.8	39.1	33.2	276.0	0.0	0.0	276.0	0.006712	0.371	0.000	0.000
KGST 1600 US	FRESNO	CA 3853.7	B	3858.9	49.8	72.1	755.1	0.0	0.0	755.1	0.002437	0.368	0.000	0.000
NEW 1600 CA	CALGARY	AB 3234.7	B	3240.9	56.9	98.8	1085.3	0.0	0.0	1085.3	0.001647	0.357	0.000	0.000
CFOS 1610 CA	COLLINGWOOD	ON 703.4	C	731.3	53.2	145.4	290.0	10.0	17.2	284.8	0.062570	0.356	0.000	0.000
CFOS 1610 CA	COLLINGWOOD	ON 703.4	C	731.3	53.2	145.4	290.0	10.0	17.2	284.8	0.062570	0.356	0.000	0.000
WPWA 1590 US	CHESTER	PA 79.0	B	215.1	50.9	186.1	457.8	61.0	71.5	40.1	0.428446	0.343	0.000	0.000
HIEG 1600 DR	S DOMINGO 15	2361.1	C	2369.6	40.3	347.9	154.7	0.0	0.4	154.7	0.011100	0.343	0.000	0.000
XE 1600 MX	PUERTO ANGEL	OA 3314.4	B	3320.4	38.7	33.9	276.0	0.0	0.0	276.0	0.006206	0.343	0.000	0.000
XE 1600 MX	ZIHUATANEJO	GR 3399.7	B	3405.6	39.7	40.1	305.0	0.0	0.0	305.0	0.005612	0.342	0.000	0.000
WKTP 1590 US	JONESBOROUGH	TN 685.0	B	713.6	49.1	60.5	242.1	10.3	17.7	224.9	0.073894	0.332	0.000	0.000
KBOR 1600 US	BROWNSVILLE	TX 2520.5	B	2528.5	43.9	48.9	186.7	0.0	0.0	186.7	0.008867	0.331	0.000	0.000
WAUB 1590 US	AUBURN	NY 424.9	B	469.6	52.4	167.7	153.6	17.8	28.4	120.4	0.133555	0.322	0.000	0.000
KRVA 1600 US	COCKRELL HILL	TX 2027.8	B	2037.7	47.3	63.4	132.4	0.0	2.1	132.4	0.011906	0.315	0.000	0.000
KRVA 1600 US	COCKRELL HILL	TX 2027.8	B	2037.7	47.3	63.4	132.4	0.0	2.1	132.4	0.011906	0.315	0.000	0.000
DKR2 1600 US	FORT WORTH	TX 2076.6	D	2086.2	47.3	63.9	138.3	0.0	1.9	138.3	0.011343	0.314	0.000	0.000
WMHG 1600 US	MUSKEGON	MI 997.6	B	1017.5	52.5	113.0	44.3	6.0	11.2	43.9	0.035592	0.312	0.000	0.000
WMHG 1600 US	MUSKEGON	MI 997.6	B	1017.5	52.5	113.0	44.3	6.0	11.2	43.9	0.035592	0.312	0.000	0.000
XE00 1600 MX	POZA RICA	VC 2943.0	B	2949.8	41.1	40.4	215.2	0.0	0.0	215.2	0.007127	0.307	0.000	0.000
WMQM 1600 US	MILAN	TN 1347.4	D	1362.2	48.5	66.5	60.2	3.1	7.0	60.0	0.024563	0.295	0.000	0.000
XEQA 1600 MX	AUTLAN DE NAVAR	JA 3499.0	B	3504.8	40.8	45.7	287.8	0.0	0.0	287.8	0.005076	0.292	0.000	0.000
NEW 1610 CA	MONTREAL	QU 728.9	C	755.9	53.8	193.3	250.0	9.5	16.5	246.2	0.057495	0.283	0.000	0.000
HCIP 1600 EC	CONSULAR	4674.0	C	4678.2	29.6	5.6	309.5	0.0	0.0	309.5	0.004491	0.278	0.000	0.000
XE 1600 MX	SAN LUIS POTOSI	SL 3062.0	B	3068.5	42.0	46.0	216.2	0.0	0.0	216.2	0.006411	0.277	0.000	0.000
XE 1600 MX	PUERTO VALLARTA	JA 3500.8	B	3506.5	41.2	47.3	276.0	0.0	0.0	276.0	0.004996	0.276	0.000	0.000
KLEB 1600 US	GOLDEN MEADOW	LA 1730.3	B	1741.8	45.6	47.2	79.2	0.9	4.0	79.2	0.017179	0.272	0.000	0.000
KWOM 1600 US	WATERTOWN	MN 1630.5	B	1642.8	53.4	106.7	95.7	1.4	4.7	95.9	0.013044	0.250	0.000	0.000
KNWA 1600 US	BELLEFONTE	AR 1573.2	D	1585.8	49.0	72.8	68.2	1.7	5.1	68.2	0.018031	0.246	0.000	0.000
WMCW 1600 US	HARVARD	IL 1155.8	D	1173.0	52.1	103.9	43.4	4.5	9.1	43.2	0.027763	0.240	0.000	0.000
WEUP 1600 US	HUNTSVILLE	AL 1099.4	D	1117.4	48.3	60.3	33.1	5.0	9.8	32.9	0.035350	0.233	0.000	0.000
KUBA 1600 US	YUBA CITY	CA 3931.3	B	3936.4	51.2	74.9	550.2	0.0	0.0	550.2	0.002044	0.225	0.000	0.000
KCKK 1600 US	LAKEWOOD	CO 2524.7	B	2532.6	50.9	81.7	181.8	0.0	0.0	181.8	0.006078	0.221	0.000	0.000
KOGT 1600 US	ORANGE	TX 1938.2	B	1948.5	46.0	53.9	78.9	0.0	2.7	78.9	0.013707	0.216	0.000	0.000
CW16 1600 UY	TACUAREMBO	8135.1	B	8137.5	15.3	344.2	517.0	0.0	0.0	517.0	0.002069	0.214	0.000	0.000
KUSH 1600 US	CUSHING	OK 1904.1	D	1914.6	48.8	71.8	84.3	0.0	2.9	84.3	0.012598	0.212	0.000	0.000
KSGO 1600 US	CENTERVILLE	UT 3079.9	B	3086.4	51.7	81.5	292.4	0.0	0.0	292.4	0.003568	0.209	0.000	0.000
WNTS 1590 US	BEECH GROVE	IN 906.1	B	928.0	50.8	90.6	237.0	7.0	12.7	228.1	0.045159	0.206	0.000	0.000
WCGO 1600 US	CHICAGO HEIGHTS	IL 1051.5	D	1070.3	51.7	100.4	29.8	5.4	10.4	30.3	0.033694	0.204	0.000	0.000
WCGO 1600 US	CHICAGO HEIGHTS	IL 1051.5	D	1070.3	51.7	100.4	29.8	5.4	10.4	30.3	0.033694	0.204	0.000	0.000
KMDO 1600 US	FORT SCOTT	KS 1670.7	D	1682.6	49.8	78.9	63.5	1.2	4.4	63.4	0.015464	0.196	0.000	0.000
WZUM 1590 US	CARNEGIE	PA 411.3	D	457.3	51.2	108.4	76.1	18.4	29.2	68.4	0.143157	0.196	0.000	0.000
WZUM 1590 US	CARNEGIE	PA 411.3	D	457.3	51.2	108.4	76.1	18.4	29.2	68.4	0.143157	0.196	0.000	0.000
XEZA 1600 MX	TOPOLOBAMPO	SI 3439.6	B	3445.4	44.0	56.3	203.5	0.0	0.0	203.5	0.004640	0.189	0.000	0.000
KTTN 1600 US	TRENTON	MO 1542.4	D	1555.3	51.0	88.0	54.4	1.9	5.3	54.2	0.017039	0.185	0.000	0.000
XELZ 1600 MX	TORREON	CI 3009.5	B	3016.2	43.7	52.9	147.9	0.0	0.0	147.9	0.006230	0.184	0.000	0.000
WHPY 1590 US	CLAYTON	NC 470.5	D	511.2	48.8	32.7	78.0	15.9	25.9	73.0	0.125599	0.183	0.000	0.000

Consulting Engineers

Radiotechniques

402 Tenth Ave. • PO Box 367 • Haddon Heights, NJ 08035-0367

Exhibit 15 Table 1
Night Interference Free
East Cost Broadcasting, Inc.
WIBF, Dover DE
March 2004

WASB 1590 US	BROCKPORT	NY	490.3	B	529.5	52.6	155.1	95.4	15.3	24.9	79.9	0.109861	0.176	0.000	0.000
KMNY 1600 US	POMONA	CA	3773.1	B	3778.4	48.4	68.8	287.8	0.0	0.0	287.8	0.002895	0.167	0.000	0.000
WFTH 1590 US	RICHMOND	VA	249.0	D	319.4	49.7	41.2	53.0	29.5	43.3	33.3	0.248629	0.166	0.000	0.000
XEZK 1600 MX	TEPATITLAN	JA	3293.6	B	3299.7	41.3	45.8	146.0	0.0	0.0	146.0	0.005647	0.165	0.000	0.000
XENV 1600 MX	PUERTO PEÑASCO	SO	3529.2	B	3534.9	46.8	65.1	215.1	0.0	0.0	215.1	0.003759	0.162	0.000	0.000
KANM 1600 US	ALBUQUERQUE	NM	2774.9	D	2782.1	48.7	71.5	133.8	0.0	0.0	133.8	0.005754	0.154	0.000	0.000
KANM 1600 US	ALBUQUERQUE	NM	2774.9	D	2782.1	48.7	71.5	133.8	0.0	0.0	133.8	0.005754	0.154	0.000	0.000
WZUM 1590 US	CARNEGIE	PA	411.5	D	457.5	51.2	108.4	58.1	18.3	29.2	52.1	0.143063	0.149	0.000	0.000
WWCC 1590 US	HONESDALE	PA	266.2	D	332.9	51.8	185.6	37.3	27.8	41.3	31.4	0.228525	0.144	0.000	0.000
XENA 1600 MX	NACOEZARI DE GAR	SO	3245.5	B	3251.7	46.3	63.1	152.8	0.0	0.0	152.8	0.004694	0.143	0.000	0.000
KVRI 1600 US	BLAINE	WA	3855.8	B	3861.0	56.3	88.2	649.7	0.0	0.0	649.7	0.001091	0.142	0.000	0.000
KVRI 1600 US	BLAINE	WA	3855.8	B	3861.0	56.3	88.2	649.7	0.0	0.0	649.7	0.001091	0.142	0.000	0.000
KLGA 1600 US	ALGONA	IA	1625.2	B	1637.5	52.5	99.1	49.7	1.4	4.7	49.8	0.014014	0.140	0.000	0.000
XE 1600 MX	NAVOJOA	SO	3405.3	B	3411.1	44.6	58.1	148.3	0.0	0.0	148.3	0.004613	0.137	0.000	0.000
KRFS 1600 US	SUPERIOR	NE	1926.7	D	1937.0	51.0	85.5	62.8	0.0	2.7	62.8	0.010860	0.136	0.000	0.000
WRXB 1590 US	ST. PETERSBURG	FL	1432.0	B	1445.9	44.8	25.6	270.6	2.5	6.2	270.0	0.024647	0.133	0.000	0.000
XEVO 1590 MX	IZTACALCO	DF	3149.2	B	3155.5	40.6	40.7	1045.9	0.0	0.0	1045.9	0.006332	0.132	0.000	0.000
NEW 1600 US	WAIPAHU	HI	7897.6	B	7900.1	44.1	54.4	1087.8	0.0	0.0	1087.8	0.000603	0.131	0.000	0.000
WRPN 1600 US	RIPON	WI	1219.6	B	1235.9	52.8	110.5	27.0	4.0	8.3	26.7	0.024187	0.129	0.000	0.000
WRPN 1600 US	RIPON	WI	1219.6	B	1235.9	52.8	110.5	27.0	4.0	8.3	26.7	0.024187	0.129	0.000	0.000
KDAK 1600 US	CARRINGTON	ND	2102.5	D	2112.0	54.7	107.3	91.7	0.0	1.7	91.7	0.006631	0.122	0.000	0.000
KEED 1600 US	EUGENE	OR	3931.1	B	3936.2	53.8	81.1	374.9	0.0	0.0	374.9	0.001504	0.113	0.000	0.000
CV16 1600 UY	PANDO		8466.5	B	8468.9	13.7	344.5	271.9	0.0	0.0	271.9	0.001951	0.106	0.000	0.000
KALT 1610 US	ATLANTA	TX	1800.3	B	1811.4	47.4	62.6	339.5	0.5	3.5	339.5	0.014909	0.101	0.000	0.000
NEW 1600 US	MAKAHA	HI	7907.0	B	7909.5	44.2	54.3	836.0	0.0	0.0	836.0	0.000600	0.100	0.000	0.000
NEW 1600 US	MAKAHA	HI	7907.0	B	7909.5	44.2	54.3	836.0	0.0	0.0	836.0	0.000600	0.100	0.000	0.000
XEKT 1600 MX	TECATE	BN	3747.1	B	3752.4	47.6	66.8	160.6	0.0	0.0	160.6	0.003121	0.100	0.000	0.000
WGGO 1590 US	SALAMANCA	NY	425.6	D	470.2	52.0	140.6	37.5	17.7	28.4	34.6	0.134533	0.093	0.000	0.000
LRH3 1600 AR	G J D S MART		7496.3	C	7499.0	17.9	346.4	197.8	0.0	0.0	197.8	0.002340	0.093	0.000	0.000
LRK3 1600 AR	FERNANDEZ		7556.1	C	7558.8	17.2	350.3	197.8	0.0	0.0	197.8	0.002333	0.092	0.000	0.000
CX16 1600 UY	FRAY BENTOS		8235.7	C	8238.2	14.5	346.1	218.8	0.0	0.0	218.8	0.002040	0.089	0.000	0.000
WCAM 1590 US	CAMDEN	SC	714.7	D	742.1	48.0	38.2	68.2	9.8	16.9	63.0	0.070876	0.089	0.000	0.000
WZRX 1590 US	JACKSON	MS	1521.4	B	1534.5	47.1	56.1	214.7	2.0	5.5	214.6	0.020709	0.089	0.000	0.000
1600 AR	RECONQUISTA		7772.2	C	7774.8	16.6	346.9	197.8	0.0	0.0	197.8	0.002225	0.088	0.000	0.000
WCSL 1590 US	CHERRYVILLE	NC	667.7	D	697.0	48.6	49.1	57.8	10.7	18.2	56.1	0.077531	0.087	0.000	0.000
LRK3 1600 AR	SAN CRISTOBA		7864.7	C	7867.2	16.0	348.3	197.8	0.0	0.0	197.8	0.002194	0.087	0.000	0.000
LRI3 1600 AR	SAN JORGE		8027.4	C	8029.9	15.2	348.9	197.8	0.0	0.0	197.8	0.002131	0.084	0.000	0.000
WSMN 1590 US	NASHUA	NH	523.2	B	560.1	52.4	222.0	49.0	14.2	23.4	41.5	0.100661	0.084	0.000	0.000
KNCY 1600 US	NEBRASKA CITY	NE	1737.7	D	1749.1	51.3	88.9	29.9	0.8	3.9	29.9	0.013185	0.079	0.000	0.000
KNCY 1600 US	NEBRASKA CITY	NE	1737.7	D	1749.1	51.3	88.9	29.9	0.8	3.9	29.9	0.013185	0.079	0.000	0.000
LRI3 1600 AR	BRAGADO		8402.8	C	8405.2	13.5	348.0	197.8	0.0	0.0	197.8	0.001986	0.079	0.000	0.000
LRI3 1600 AR	VILLA GESEL		8714.5	C	8716.8	12.5	345.1	197.8	0.0	0.0	197.8	0.001868	0.074	0.000	0.000
WOKX 1590 US	HIGH POINT	NC	532.5	D	568.8	48.9	47.0	35.7	13.9	23.0	34.1	0.106301	0.073	0.000	0.000
CC 1 1600 CI	CONCEPCION		8450.4	C	8452.7	12.6	358.0	175.0	0.0	0.0	175.0	0.001988	0.070	0.000	0.000
LRH3 1600 AR	MONTE CASERO		7938.1	C	7940.6	16.0	345.4	154.7	0.0	0.0	154.7	0.002150	0.067	0.000	0.000
CB 1 1600 CI	VALPARAISO		8038.2	C	8040.7	14.5	356.7	154.7	0.0	0.0	154.7	0.002146	0.066	0.000	0.000

Consulting Engineers

Radiotechniques

402 Tenth Ave. • PO Box 367 • Haddon Heights, NJ 08035-0367

Exhibit 15 Table 1
Night Interference Free
East Cost Broadcasting, Inc.
WIBF, Dover DE
March 2004

CB 1 1600 CI	SANTIAGO 8	8102.6	C	8105.1	14.3	356.0	154.7	0.0	0.0	154.7	0.002120	0.066	0.000	0.000
WXRf 1590 US	GUAYAMA	PR 2527.2	B	2535.1	40.1	340.8	323.5	0.0	0.0	323.5	0.009816	0.064	0.000	0.000
WBHN 1590 US	BRYSON CITY	NC 811.5	D	835.8	48.6	56.8	55.7	8.2	14.6	55.0	0.057579	0.063	0.000	0.000
NEW 1590 US	LAS VEGAS	NV 3486.0	B	3491.7	49.4	72.3	966.7	0.0	0.0	966.7	0.003234	0.063	0.000	0.000
WHLX 1590 US	MARINE CITY	MI 705.8	D	733.6	52.3	121.7	49.0	9.9	17.1	46.9	0.064384	0.060	0.000	0.000
WQCH 1590 US	LAFAYETTE	GA 994.3	D	1014.2	48.3	57.3	75.1	6.0	11.3	72.1	0.041871	0.060	0.000	0.000
WSRW 1590 US	HILLSBORO	OH 693.9	D	722.1	50.5	87.4	45.0	10.2	17.4	42.8	0.069970	0.060	0.000	0.000
CMNM 1590 CU	MANZANILLO	2099.8	C	2109.3	41.1	3.8	218.8	0.0	1.8	218.8	0.013541	0.059	0.000	0.000
CD 1 1600 CI	TEMUCO 2	8664.8	C	8667.1	11.7	357.6	154.7	0.0	0.0	154.7	0.001910	0.059	0.000	0.000
WABV 1590 US	ABBEVILLE	SC 826.2	D	850.1	48.0	45.5	50.0	8.0	14.3	49.3	0.056812	0.056	0.000	0.000
WARV 1590 US	WARWICK	RI 447.9	B	490.5	51.9	231.9	24.2	16.8	27.1	21.8	0.126230	0.055	0.000	0.000
KYBC 1600 US	COTTONWOOD	AZ 3253.7	D	3259.8	48.6	70.4	67.3	0.0	0.0	67.3	0.004047	0.054	0.000	0.000
KDAV 1590 US	LUBBOCK	TX 2421.1	B	2429.3	47.7	67.4	330.8	0.0	0.2	330.9	0.008132	0.054	0.000	0.000
KDAV 1590 US	LUBBOCK	TX 2421.1	B	2429.3	47.7	67.4	330.8	0.0	0.2	330.9	0.008132	0.054	0.000	0.000
WATX 1590 US	ALGOOD	TN 928.6	D	949.9	49.0	66.1	58.8	6.7	12.3	58.2	0.045911	0.053	0.000	0.000
WALG 1590 US	ALBANY	GA 1144.1	B	1161.4	46.7	40.5	72.8	4.6	9.2	73.3	0.034502	0.051	0.000	0.000
WLBN 1590 US	LEBANON	KY 862.1	D	885.0	49.7	75.3	48.4	7.5	13.5	47.7	0.050780	0.048	0.000	0.000
WLBN 1590 US	LEBANON	KY 862.1	D	885.0	49.7	75.3	48.4	7.5	13.5	47.7	0.050780	0.048	0.000	0.000
WJQY 1590 US	SPRINGFIELD	TN 1039.4	D	1058.5	49.2	69.9	65.1	5.5	10.6	63.9	0.037849	0.048	0.000	0.000
OAZ4 1590 PE	AGRICULTURA	5700.7	C	5704.2	24.9	1.5	693.0	0.0	0.0	693.0	0.003472	0.048	0.000	0.000
YNAW 1590 NU	RADIO COLINA	3076.7	C	3083.2	37.4	17.6	308.3	0.0	0.0	308.3	0.007585	0.047	0.000	0.000
XECP 1590 MX	VALLADOLID	YC 2383.3	B	2391.7	41.2	27.7	214.1	0.0	0.3	214.1	0.010688	0.046	0.000	0.000
TGXC 1590 GT	TRIUNFADORA	3115.8	B	3122.2	38.1	25.7	309.5	0.0	0.0	309.5	0.007178	0.044	0.000	0.000
KMIC 1590 US	HOUSTON	TX 2090.1	B	2099.6	45.8	54.9	185.1	0.0	1.8	185.1	0.011916	0.044	0.000	0.000
CMHQ 1580 CU	SANTA CRUZ S	2063.1	C	2072.8	41.3	6.0	154.7	0.0	2.0	154.7	0.013926	0.043	0.000	0.000
WRCY 1590 US	MT. VERNON	IN 1083.7	D	1102.0	49.9	78.9	59.6	5.1	10.0	59.2	0.034360	0.041	0.000	0.000
WRCY 1590 US	MT. VERNON	IN 1083.7	D	1102.0	49.9	78.9	59.6	5.1	10.0	59.2	0.034360	0.041	0.000	0.000
WXR5 1590 US	SWAINSBOBO	GA 955.7	D	976.4	47.2	37.8	44.7	6.4	11.9	44.3	0.045890	0.041	0.000	0.000
WAIK 1590 US	GALESBURG	IL 1269.5	D	1285.1	51.4	94.2	83.6	3.6	7.8	83.2	0.024197	0.040	0.000	0.000
KVGB 1590 US	GREAT BEND	KS 2011.9	B	2021.8	50.1	80.0	191.1	0.0	2.2	191.1	0.010460	0.040	0.000	0.000
HIDA 1590 DR	SANTIAGO 6	2245.5	C	2254.4	40.8	349.0	154.7	0.0	1.0	154.7	0.012065	0.037	0.000	0.000
KMOZ 1590 US	ROLLA	MO 1418.0	D	1432.0	49.9	79.4	88.2	2.6	6.4	88.1	0.021123	0.037	0.000	0.000
WPSL 1590 US	PORT ST. LUCIE	FL 1390.4	D	1404.7	44.6	17.3	71.3	2.8	6.6	71.2	0.026055	0.037	0.000	0.000
XE00 1590 MX	IRAPUATO	GT 3208.1	B	3214.3	41.2	44.3	305.5	0.0	0.0	305.5	0.005982	0.037	0.000	0.000
WTGA 1590 US	THOMASTON	GA 1050.4	D	1069.3	47.4	45.9	46.6	5.4	10.4	46.3	0.039163	0.036	0.000	0.000
WONX 1590 US	EVANSTON	IL 1073.1	B	1091.6	51.9	103.1	55.6	5.2	10.1	55.3	0.032114	0.036	0.000	0.000
HJJQ 1590 CO	ZARZAL	3888.4	C	3893.5	33.1	0.7	309.5	0.0	0.0	309.5	0.005719	0.035	0.000	0.000
WPUL 1590 US	SOUTH DAYTONA	FL 1221.3	D	1237.5	45.5	22.8	54.4	4.0	8.3	54.2	0.031824	0.035	0.000	0.000
WPUL 1590 US	SOUTH DAYTONA	FL 1221.3	D	1237.5	45.5	22.8	54.4	4.0	8.3	54.2	0.031824	0.035	0.000	0.000
XEMT 1590 MX	CD.MADERO	TA 2827.7	B	2834.7	42.0	43.2	216.2	0.0	0.0	216.2	0.007515	0.032	0.000	0.000
KGAS 1590 US	CARTHAGE	TX 1860.8	D	1871.5	47.0	60.0	112.9	0.2	3.1	112.9	0.014259	0.032	0.000	0.000
XEPN 1590 MX	TEPIC	NA 3406.8	B	3412.7	41.7	48.2	300.0	0.0	0.0	300.0	0.005203	0.031	0.000	0.000
WTRW 1590 US	TWO RIVERS	WI 1140.0	D	1157.5	53.0	115.1	57.3	4.6	9.3	56.9	0.027200	0.031	0.000	0.000
WTRW 1590 US	TWO RIVERS	WI 1140.0	D	1157.5	53.0	115.1	57.3	4.6	9.3	56.9	0.027200	0.031	0.000	0.000
XE 1590 MX	APATZINGAN	MC 3398.7	B	3404.6	40.4	43.2	281.0	0.0	0.0	281.0	0.005451	0.031	0.000	0.000
WPVL 1590 US	PLATTEVILLE	WI 1312.2	B	1327.3	52.3	102.6	70.3	3.3	7.4	70.1	0.021674	0.030	0.000	0.000

Radiotechniques

402 Tenth Ave. • PO Box 367 • Haddon Heights, NJ 08035-0367

Exhibit 15 Table 1
Night Interference Free
East Cost Broadcasting, Inc.
WIBF, Dover DE
March 2004

WPVL 1590 US	PLATTEVILLE	WI 1312.2	B	1327.3	52.3	102.6	70.3	3.3	7.4	70.1	0.021674	0.030	0.000	0.000
XE 1590 MX	MATEHUALA	SL 2924.4	B	2931.3	42.7	47.9	216.2	0.0	0.0	216.2	0.006857	0.030	0.000	0.000
KUNX 1590 US	VENTURA	CA 3891.5	B	3896.6	48.5	68.9	549.8	0.0	0.0	549.8	0.002654	0.029	0.000	0.000
KUNX 1590 US	VENTURA	CA 3891.5	B	3896.6	48.5	68.9	549.8	0.0	0.0	549.8	0.002654	0.029	0.000	0.000
HCOT 1590 EC	PANAMERICANA	4515.7	C	4520.1	30.3	3.6	309.5	0.0	0.0	309.5	0.004704	0.029	0.000	0.000
XE 1590 MX	PIHUAMO	JA 3466.9	B	3472.7	40.5	44.3	278.8	0.0	0.0	278.8	0.005219	0.029	0.000	0.000
KKAY 1590 US	WHITE CASTLE	LA 1733.9	D	1745.4	46.0	50.6	79.1	0.8	3.9	79.1	0.016895	0.027	0.000	0.000
XEAG 1590 MX	AGUASCALIENTES	AG 3181.8	B	3188.1	41.8	46.8	216.2	0.0	0.0	216.2	0.005955	0.026	0.000	0.000
KRQX 1590 US	MEXIA	TX 2061.9	D	2071.5	46.8	60.4	108.8	0.0	2.0	108.8	0.011788	0.026	0.000	0.000
KRQX 1590 US	MEXIA	TX 2061.9	D	2071.5	46.8	60.4	108.8	0.0	2.0	108.8	0.011788	0.026	0.000	0.000
KLFE 1590 US	SEATTLE	WA 3845.8	B	3851.0	55.7	86.5	1013.4	0.0	0.0	1013.4	0.001228	0.025	0.000	0.000
NEW 1590 CA	YELLOWKNIFE	NT 3661.2	A	3666.6	62.8	116.7	2008.0	0.0	0.0	2008.0	0.000613	0.025	0.000	0.000
KZRA 1590 US	SPRINGDALE	AR 1663.2	D	1675.2	49.0	73.0	73.3	1.2	4.4	73.2	0.016220	0.024	0.000	0.000
XEAC 1590 MX	MONTERREY	NL 2742.3	B	2749.6	43.7	50.8	153.4	0.0	0.0	153.4	0.007523	0.023	0.000	0.000
WTVB 1590 US	COLDWATER	MI 854.1	B	877.2	51.9	107.8	24.2	7.6	13.7	23.9	0.047884	0.023	0.000	0.000
OCX4 1590 PE	HUAYLLAY	5578.5	C	5582.1	25.5	0.8	308.3	0.0	0.0	308.3	0.003573	0.022	0.000	0.000
XECS 1590 MX	CULIACAN	SI 3372.6	B	3378.5	43.4	54.1	216.2	0.0	0.0	216.2	0.004967	0.021	0.000	0.000
KPRT 1590 US	KANSAS CITY	MO 1634.3	D	1646.5	50.5	83.6	64.9	1.3	4.6	64.9	0.015624	0.020	0.000	0.000
NEW 1590 US	CHEYENNE	WY 2474.7	B	2482.8	51.7	85.5	168.4	0.0	0.0	168.4	0.005997	0.020	0.000	0.000
HCAS 1590 EC	LIBERTAD	4633.9	C	4638.2	29.8	6.2	218.8	0.0	0.0	218.8	0.004539	0.020	0.000	0.000
XEHC 1590 MX	ENSENADA	BN 3767.1	B	3772.4	47.2	65.9	291.2	0.0	0.0	291.2	0.003155	0.018	0.000	0.000
XEBZ 1590 MX	CD.DELICIAS	CH 3005.2	B	3011.9	45.1	58.2	149.2	0.0	0.0	149.2	0.005888	0.018	0.000	0.000
XENV 1590 MX	MATAMOROS	TA 2535.2	B	2543.1	43.7	48.4	96.6	0.0	0.0	96.6	0.008804	0.017	0.000	0.000
KLIV 1590 US	SAN JOSE	CA 4003.7	B	4008.7	50.3	72.4	381.7	0.0	0.0	381.7	0.002133	0.016	0.000	0.000
KDAE 1590 US	SINTON	TX 2368.6	B	2377.0	44.9	52.8	77.2	0.0	0.4	77.2	0.009651	0.015	0.000	0.000
KDAE 1590 US	SINTON	TX 2368.6	B	2377.0	44.9	52.8	77.2	0.0	0.4	77.2	0.009651	0.015	0.000	0.000
CX15 1590 UY	COLONIA	8386.8	B	8389.2	13.9	345.8	371.2	0.0	0.0	371.2	0.001984	0.015	0.000	0.000
NEW 1590 US	SPRING VALLEY	NV 3482.9	B	3488.7	49.3	72.2	218.8	0.0	0.0	218.8	0.003253	0.014	0.000	0.000
XE 1590 MX	CD.OBREGON	SO 3425.5	B	3431.4	44.8	58.8	152.9	0.0	0.0	152.9	0.004507	0.014	0.000	0.000
1590 BR	VARZEA D PAL	7078.2	B	7081.0	22.5	333.7	286.0	0.0	0.0	286.0	0.002378	0.014	0.000	0.000
XEYX 1590 MX	MEXICALI	BN 3647.0	B	3652.4	47.6	67.0	200.0	0.0	0.0	200.0	0.003322	0.013	0.000	0.000
XEGE 1600 MX	METEPEC	MX 3195.7	B	3201.9	40.5	41.0	10.8	0.0	0.0	10.8	0.006162	0.013	0.000	0.000
CB 1 1590 CI	SAN FELIPE	8015.4	C	8017.9	14.7	356.1	308.3	0.0	0.0	308.3	0.002155	0.013	0.000	0.000
XEPT 1590 MX	MISANTLA	VC 2953.2	B	2960.0	40.8	39.0	92.2	0.0	0.0	92.2	0.007141	0.013	0.000	0.000
LRK3 1590 AR	SUMAMPA	7721.9	C	7724.5	16.4	350.0	278.6	0.0	0.0	278.6	0.002260	0.013	0.000	0.000
KWBG 1590 US	BOONE	IA 1575.7	B	1588.3	51.9	95.5	40.5	1.7	5.1	40.5	0.015436	0.013	0.000	0.000
KELP 1590 US	EL PASO	TX 2896.7	B	2903.6	46.9	64.8	104.7	0.0	0.0	104.7	0.005809	0.012	0.000	0.000
KELP 1590 US	EL PASO	TX 2896.7	B	2903.6	46.9	64.8	104.7	0.0	0.0	104.7	0.005809	0.012	0.000	0.000
KELP 1590 US	EL PASO	TX 2896.7	B	2903.6	46.9	64.8	104.6	0.0	0.0	104.6	0.005809	0.012	0.000	0.000
CX15 1590 UY	PASO TOROS	8238.1	C	8240.5	14.7	344.7	295.1	0.0	0.0	295.1	0.002033	0.012	0.000	0.000
LRJ3 1590 AR	RIO CUARTO	8121.1	C	8123.5	14.5	351.0	278.6	0.0	0.0	278.6	0.002101	0.012	0.000	0.000
WYNA 1590 US	TUSCUMBIA	AL 1182.9	B	1199.6	48.3	61.9	15.6	4.3	8.7	15.5	0.031166	0.010	0.000	0.000
CP 1 1590 BL	VIACHA	6282.1	B	6285.3	22.8	351.4	154.7	0.0	0.0	154.7	0.003017	0.009	0.000	0.000
1590 BR	CABREUVA	7549.7	C	7552.4	19.5	336.5	206.0	0.0	0.0	206.0	0.002228	0.009	0.000	0.000
KOHI 1600 US	ST. HELENS	OR 3885.6	D	3890.8	54.7	83.7	33.3	0.0	0.0	33.3	0.001368	0.009	0.000	0.000
KOHI 1600 US	ST. HELENS	OR 3885.6	D	3890.8	54.7	83.7	33.3	0.0	0.0	33.3	0.001368	0.009	0.000	0.000

Consulting Engineers

Radiotechniques

402 Tenth Ave. • PO Box 367 • Haddon Heights, NJ 08035-0367

Exhibit 15 Table 1
Night Interference Free
East Cost Broadcasting, Inc.
WIBF, Dover DE
March 2004

KCNN 1590 US	EAST GRAND FORK MN	1972.3	B	1982.4	54.9	111.5	58.5	0.0	2.5	58.6	0.007544	0.009	0.000	0.000
KMBD 1590 US	TILLAMOOK OR	3972.5	B	3977.5	54.6	82.6	329.1	0.0	0.0	329.1	0.001313	0.009	0.000	0.000
ZYH- 1590 BR	CAMOCIM 1	5872.0	C	5875.4	30.1	326.4	154.7	0.0	0.0	154.7	0.002773	0.009	0.000	0.000
CD-1 1590 CI	VALDIVIA 5	8783.1	C	8785.4	11.1	358.2	218.8	0.0	0.0	218.8	0.001869	0.008	0.000	0.000
CP 1 1590 BL	BERMEJO	6976.5	B	6979.4	19.8	350.3	154.7	0.0	0.0	154.7	0.002610	0.008	0.000	0.000
ZYH- 1590 BR	CASCABEL CE	6147.3	C	6150.6	29.5	325.1	154.7	0.0	0.0	154.7	0.002572	0.008	0.000	0.000
ZYH- 1590 BR	CEDRO	6322.5	C	6325.7	28.2	326.6	154.7	0.0	0.0	154.7	0.002538	0.008	0.000	0.000
LRI3 1590 AR	SALADILLO	8472.8	C	8475.1	13.3	347.5	197.0	0.0	0.0	197.0	0.001959	0.008	0.000	0.000
1590 BR	AQUIRAZ EUSE	6110.8	C	6114.0	29.6	325.2	146.0	0.0	0.0	146.0	0.002593	0.008	0.000	0.000
KDJS 1590 US	WILLMAR MN	1727.9	D	1739.5	53.5	105.5	32.8	0.9	4.0	32.8	0.011457	0.008	0.000	0.000
1590 BR	ANASTACIO	6951.1	C	6954.0	20.9	342.8	146.0	0.0	0.0	146.0	0.002565	0.007	0.000	0.000
ZYI- 1590 BR	BEZERROS	6682.3	C	6685.3	27.4	325.1	154.7	0.0	0.0	154.7	0.002321	0.007	0.000	0.000
ZYJ- 1590 BR	ANDIRA	7400.2	C	7402.9	19.7	338.8	154.7	0.0	0.0	154.7	0.002316	0.007	0.000	0.000
ZYJ- 1590 BR	FAXINAL	7459.4	C	7462.1	19.2	339.8	154.7	0.0	0.0	154.7	0.002302	0.007	0.000	0.000
1590 BR	ITAPAGIPE	7111.0	C	7113.8	21.3	337.6	143.6	0.0	0.0	143.6	0.002427	0.007	0.000	0.000
1590 BR	ALVARES MACH	7256.5	C	7259.3	20.2	339.6	145.0	0.0	0.0	145.0	0.002387	0.007	0.000	0.000
ZYI- 1590 BR	ELDORADO	7340.4	C	7343.1	19.3	342.1	145.5	0.0	0.0	145.5	0.002375	0.007	0.000	0.000
ZYJ2 1590 BR	CAP LEONIDAS ES	7538.5	C	7541.2	18.4	341.7	150.5	0.0	0.0	150.5	0.002287	0.007	0.000	0.000
ZYK- 1590 BR	PORTO LUCENA	7749.9	C	7752.5	17.2	343.1	154.7	0.0	0.0	154.7	0.002211	0.007	0.000	0.000
1590 BR	JIQUIRICA	6919.4	C	6922.3	24.8	329.0	146.0	0.0	0.0	146.0	0.002343	0.007	0.000	0.000
1590 BR	JOINVILLE	7789.3	C	7791.9	18.0	338.2	158.3	0.0	0.0	158.3	0.002155	0.007	0.000	0.000
ZYJ- 1590 BR	PONTE SERRAD	7739.0	C	7741.6	17.7	340.7	154.7	0.0	0.0	154.7	0.002197	0.007	0.000	0.000
ZYJ- 1590 BR	ARAUCARIA	7695.0	C	7697.6	18.4	338.6	154.7	0.0	0.0	154.7	0.002194	0.007	0.000	0.000
1590 BR	RESENDE 1	7577.8	C	7580.4	20.0	334.4	154.7	0.0	0.0	154.7	0.002190	0.007	0.000	0.000
1590 BR	S CARLOS SP	7387.6	C	7390.3	20.2	336.9	145.8	0.0	0.0	145.8	0.002298	0.007	0.000	0.000
ZYJ- 1590 BR	DUQ DE CAXIA	7658.7	C	7661.3	19.8	333.7	154.7	0.0	0.0	154.7	0.002149	0.007	0.000	0.000
KTCH 1590 US	WAYNE NE	1838.8	D	1849.6	52.1	93.5	29.7	0.3	3.3	29.7	0.011135	0.007	0.000	0.000
ZYJ- 1590 BR	ITUPORANGA	7876.6	C	7879.2	17.4	338.9	154.7	0.0	0.0	154.7	0.002129	0.007	0.000	0.000
XEAR 1590 MX	ZACATEPEC ML	3220.2	B	3226.4	40.2	39.9	53.8	0.0	0.0	53.8	0.006121	0.007	0.000	0.000
CV15 1590 UY	CONSTITUCION	8021.0	C	8023.5	15.6	345.6	154.7	0.0	0.0	154.7	0.002119	0.007	0.000	0.000
1590 BR	CAPAO BONITO	7571.3	C	7574.0	19.2	337.5	145.7	0.0	0.0	145.7	0.002232	0.007	0.000	0.000
1590 BR	IPORA D OEST	7702.5	C	7705.1	17.7	341.9	145.4	0.0	0.0	145.4	0.002221	0.006	0.000	0.000
CC 1 1590 CI	RENGO	8191.9	C	8194.4	13.9	356.2	154.7	0.0	0.0	154.7	0.002085	0.006	0.000	0.000
1590 BR	UBA 1	7512.3	C	7515.0	20.7	333.1	146.0	0.0	0.0	146.0	0.002195	0.006	0.000	0.000
ZYK- 1590 BR	BAGE	8143.9	C	8146.4	15.5	342.8	154.7	0.0	0.0	154.7	0.002058	0.006	0.000	0.000
1590 BR	PRAIA GRANDE	7655.5	C	7658.1	19.2	336.0	145.5	0.0	0.0	145.5	0.002181	0.006	0.000	0.000
CV 1 1590 UY	LASCANO	8392.7	C	8395.1	14.3	343.1	154.7	0.0	0.0	154.7	0.001970	0.006	0.000	0.000
KATJ 1590 US	VICTORVILLE CA	3717.4	D	3722.8	48.6	69.6	102.1	0.0	0.0	102.1	0.002943	0.006	0.000	0.000
CD 1 1590 CI	PARRAL	8394.7	C	8397.1	12.9	356.9	97.9	0.0	0.0	97.9	0.002008	0.004	0.000	0.000
KQLO 1590 US	SUN VALLEY NV	3760.8	D	3766.1	51.2	76.0	79.3	0.0	0.0	79.3	0.002272	0.004	0.000	0.000
KWEY 1590 US	WEATHERFORD OK	2080.0	D	2089.6	48.7	72.0	14.6	0.0	1.9	14.6	0.010558	0.003	0.000	0.000
WPDC 1600 US	ELIZABETHTOWN PA	142.6	D	245.6	51.1	140.9	84.6	44.9	58.8	0.0	0.356225	0.000	0.000	0.000