

Night Allocation Protection Report
(Secondary Nighttime Operation)

Call: WAYEp2
 Freq: 1220 kHz
 BIRMINGHAM, AL, US
 Hours: N
 Lat: 33-28-37 N
 Lng: 086-53-00 W

Power: 0.075 kW

Theo RMS: 302.45 mV/m @ 1km @ 1kW

#	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	84.8	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)
XEB/A (76)	MX	DF	SAN LORENZO TEZ	38.23	0.597	84.05E	82.31	1.74
XEB/O (76)	MX	DF	SAN LORENZO TEZ	37.98	0.642	84.55s	82.31	2.23
XEB1/O (76)	MX	DF	SAN LORENZO TEZ	37.98	0.673	88.60s	82.31	6.29
WHKW	US	OH	CLEVELAND	42.44	1.843	217.13	82.17	134.96
50% = 7.108, 25% = 7.372; XEB/A=5.66 WPHT=4.30 ZYJ-458-A=1.96								
WLPO	US	IL	LASALLE	50.15	2.832	282.34	81.91	200.43
50% = 10.939, 25% = 11.327; WHKW=8.22 XEB/A=7.22 KLBB=2.94								
CMDM-D	CU		C ESPANA	14.81	1.882	635.53	82.33	553.20
50% = 3.765, 25% = 4.555; XEB/A=3.76 HJAV-A=1.50 HJFV-A=1.50 YVAP-A=1.43								
KLBB	US	MN	STILLWATER	22.07	2.993	678.11	82.69	595.42
50% = 9.232, 25% = 11.971; WLPO=5.71 XEB/A=5.58 WHKW=4.64 CJRL/A=4.38								
KDDR=3.88 CJRB/ =3.64 C122C/A=3.25								
WPHT (237)	US	PA	PHILADELPHIA	34.39	0.500	726.95G	82.44	644.52
WMPS	US	TN	BARTLETT	191.57	3.044	794.59	74.26	720.33
50% = 12.177, 25% = 12.177; WPHT=12.18								
KDDR	US	ND	OAKES	14.60	2.577	882.50	82.81	799.69
50% = 9.702, 25% = 10.309; CJRB/ =6.42 XEB/A=5.31 CJRL/A=4.98 KLBB=3.49								
CJRL/A	CA	ON	KENORA	11.98	4.020	1677.32	82.79	1594.52
50% = 8.041, 25% = 10.375; WHKW=6.80 CJOC/A=4.29 KDDR=4.00 WLPO=3.90								
KLBB=3.43								
WATX	US	CT	HAMDEN	19.62	6.697	1706.53	82.76	1623.77
50% = 24.286, 25% = 26.79; WHKW=21.44 CKSM/A=11.40 CJUL/A=8.66 WPHT=7.28								
KTMZ	US	CA	POMONA	6.92	2.457	1775.00	82.83	1692.17
50% = 9.829, 25% = 9.829; XEB/A=9.83								
NEW LAKEVILLE	US	NY	LAKEVILLE	24.87	8.960	1801.12	82.64	1718.49
50% = 35.838, 25% = 35.838; WHKW=35.84								
CJOC/A	CA	AB	LETHBRIDGE	4.32	1.680	1945.19	82.83	1862.36