

Nighttime Stations Studied - Rough.txt

Listing of Stations Studied for Nighttime Interference

 Call: WLSV
 Freq: 790 kHz
 WELLSVILLE, NY, US
 Lat: 42-04-37 N
 Lng: 077-55-47 W
 Power: 0.041 kW
 Theo RMS: 297.73 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	75.2	0	0	0.0	0.0	0.0	0.0

 Call: KXXX
 Freq: 790 kHz
 COLBY, KS, US
 Lat: 39-23-35 N
 Lng: 101-00-06 W
 Power: 0.024 kW
 Theo RMS: 304.11 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	0.0	0	1	87.0	15.0	0.0	0.0

 Call: WLBE
 Freq: 790 kHz
 LEESBURG-EUSTIS, FL, US
 Lat: 28-49-42 N
 Lng: 081-47-10 W
 Power: 1.0 kW

Nighttime Stations Studied - Rough.txt

Theo RMS: 289.68 mV/m @ 1km

of Augmentations: 7

#	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	77.0	0	0	0.0	0.0	0.0	0.0
2	1.000	15.6	206.0	350.0	77.0	0	0	0.0	0.0	0.0	0.0

Call: WAEB

Freq: 790 kHz

ALLENTOWN, PA, US

Lat: 40-39-37 N

Lng: 075-30-50 W

Power: 1.5 kW

Theo RMS: 397.60 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	94.0	0	0	0.0	0.0	0.0	0.0
2	2.261	163.0	95.0	308.0	94.0	0	0	0.0	0.0	0.0	0.0
3	3.455	-35.7	190.0	308.0	94.0	0	0	0.0	0.0	0.0	0.0
4	2.652	128.1	285.0	308.0	94.0	0	0	0.0	0.0	0.0	0.0
5	1.310	-65.7	380.0	308.0	94.0	0	0	0.0	0.0	0.0	0.0

Call: WTRU

Freq: 830 kHz

KERNERSVILLE, NC, US

Lat: 36-11-58 N

Lng: 080-12-25 W

Power: 10.0 kW

Theo RMS: 1092.00 mV/m @ 1km

of Augmentations: 4

Nighttime Stations Studied - Rough.txt

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.674	-34.1	0.0	0.0	85.0	0	0	0.0	0.0	0.0	0.0
2	0.900	-132.7	90.0	126.7	85.0	0	0	0.0	0.0	0.0	0.0
3	0.775	-103.4	366.3	115.7	85.0	0	0	0.0	0.0	0.0	0.0
4	1.000	0.0	278.5	112.1	85.0	0	0	0.0	0.0	0.0	0.0
5	0.510	114.9	179.1	113.5	105.0	0	0	0.0	0.0	0.0	0.0

Call: WKBC
Freq: 800 kHz
NORTH WILKESBORO, NC, US
Lat: 36-11-16 N
Lng: 081-08-30 W
Power: 0.308 kW
Theo RMS: 297.70 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	75.6	0	0	0.0	0.0	0.0	0.0

Call: WVAL
Freq: 800 kHz
SAUK RAPIDS, MN, US
Lat: 45-36-18 N
Lng: 094-08-21 W
Power: 0.85 kW
Theo RMS: 287.00 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	84.9	0	0	0.0	0.0	0.0	0.0
2	0.500	47.5	80.0	96.0	84.9	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

3 0.250 -160.0 109.1 195.0 84.9 0 0 0.0 0.0 0.0 0.0

Call: KJRB

Freq: 790 kHz

SPOKANE, WA, US

Lat: 47-30-08 N

Lng: 117-23-06 W

Power: 3.8 kW

Theo RMS: 673.37 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.435	77.2	80.5	15.2	86.7	0	0	0.0	0.0	0.0	0.0
2	0.877	-141.3	0.0	0.0	117.6	0	0	0.0	0.0	0.0	0.0
3	1.000	0.0	93.4	194.5	86.7	0	0	0.0	0.0	0.0	0.0
4	0.485	160.5	175.0	194.5	76.6	0	0	0.0	0.0	0.0	0.0

Call: KGO

Freq: 810 kHz

SAN FRANCISCO, CA, US

Lat: 37-31-35 N

Lng: 122-06-02 W

Power: 50.0 kW

Theo RMS: 2487.08 mV/m @ 1km

of Augmentations: 13

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	171.6	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	1.672	10.1	125.0	340.0	90.0	0	0	0.0	0.0	0.0	0.0
3	1.000	-171.6	250.0	340.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: WTSK

Nighttime Stations Studied - Rough.txt

Freq: 790 kHz
 TUSCALOOSA, AL, US
 Lat: 33-11-17 N
 Lng: 087-35-23 W
 Power: 0.036 kW
 Theo RMS: 294.50 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	0.0	0	1	55.8	16.2	0.0	0.0

 Call: KNST
 Freq: 790 kHz
 TUCSON, AZ, US
 Lat: 32-14-54 N
 Lng: 111-00-30 W
 Power: 0.5 kW
 Theo RMS: 201.17 mV/m @ 1km
 # of Augmentations: 1

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.600	90.0	0.0	0.0	72.3	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	90.0	90.0	72.3	0	0	0.0	0.0	0.0	0.0
3	0.200	-90.0	180.0	90.0	72.3	0	0	0.0	0.0	0.0	0.0

 Call: KURM
 Freq: 790 kHz
 ROGERS, AR, US
 Lat: 36-18-10 N
 Lng: 094-06-47 W
 Power: 0.5 kW
 Theo RMS: 203.51 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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	0.0	0	1	56.6	3.4	0.0	0.0
2	0.900	-120.0	60.0	288.0	0.0	0	1	56.6	3.4	0.0	0.0

 Call: KOSY
 Freq: 790 kHz
 TEXARKANA, AR, US
 Lat: 33-22-30 N
 Lng: 094-01-00 W
 Power: 0.5 kW
 Theo RMS: 210.82 mV/m @ 1km
 # of Augmentations: 11

#	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	76.0	0	0	0.0	0.0	0.0	0.0
2	0.900	-8.0	208.2	59.0	76.0	0	0	0.0	0.0	0.0	0.0

 Call: KOOR
 Freq: 790 kHz
 CLOVIS, CA, US
 Lat: 36-50-39 N
 Lng: 119-41-13 W
 Power: 2.5 kW
 Theo RMS: 466.71 mV/m @ 1km
 # of Augmentations: 3

#	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	95.0	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

2	0.506	-159.7	65.0	270.5	0.0	0	1	86.6	8.4	0.0	0.0
3	0.505	159.9	65.0	90.5	0.0	0	1	86.6	8.4	0.0	0.0

Call: KABC

Freq: 790 kHz

LOS ANGELES, CA, US

Lat: 34-01-41 N

Lng: 118-22-22 W

Power: 5.0 kW

Theo RMS: 740.30 mV/m @ 1km

of Augmentations: 7

#	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	180.0	0.0	0.0	138.8	0	0	0.0	0.0	0.0	0.0
2	0.440	0.0	69.7	299.0	80.4	0	0	0.0	0.0	0.0	0.0

Call: WPNN

Freq: 790 kHz

PENSACOLA, FL, US

Lat: 30-27-18 N

Lng: 087-14-22 W

Power: 0.066 kW

Theo RMS: 313.82 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	102.1	0	0	0.0	0.0	0.0	0.0

Call: WAXY

Freq: 790 kHz

SOUTH MIAMI, FL, US

Lat: 25-45-25 N

Nighttime Stations Studied - Rough.txt

Lng: 080-38-13 W
 Power: 5.0 kW
 Theo RMS: 683.97 mV/m @ 1km
 # of Augmentations: 21

#	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	0.0	0	1	72.4	10.0	0.0	0.0
2	0.850	-19.7	225.0	351.0	0.0	0	1	72.4	10.0	0.0	0.0
3	0.900	-94.0	100.0	46.0	0.0	0	1	72.4	10.0	0.0	0.0
4	0.765	-113.7	225.0	351.0	0.0	1	1	72.4	10.0	0.0	0.0

Call: WSNF
 Freq: 790 kHz
 BRUNSWICK, GA, US
 Lat: 31-08-40 N
 Lng: 081-34-56 W
 Power: 0.115 kW
 Theo RMS: 100.33 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	80.0	0	0	0.0	0.0	0.0	0.0
2	0.800	165.0	105.0	290.0	80.0	0	0	0.0	0.0	0.0	0.0

Call: KSPD
 Freq: 790 kHz
 BOISE, ID, US
 Lat: 43-33-57 N
 Lng: 116-20-13 W
 Power: 0.061 kW
 Theo RMS: 296.12 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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	75.2	0	0	0.0	0.0	0.0	0.0

 Call: WXXA
 Freq: 790 kHz
 LOUISVILLE, KY, US
 Lat: 38-11-34 N
 Lng: 085-31-14 W
 Power: 1.0 kW
 Theo RMS: 299.34 mV/m @ 1km
 # of Augmentations: 18

#	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	29.0	0.0	0.0	136.8	0	0	0.0	0.0	0.0	0.0
2	1.000	-17.0	234.0	95.0	136.8	0	0	0.0	0.0	0.0	0.0
3	1.000	-29.0	206.0	25.0	136.8	1	0	0.0	0.0	0.0	0.0
4	1.000	17.0	206.0	25.0	136.8	0	0	0.0	0.0	0.0	0.0

 Call: WSGW
 Freq: 790 kHz
 SAGINAW, MI, US
 Lat: 43-27-40 N
 Lng: 083-48-48 W
 Power: 1.0 kW
 Theo RMS: 289.68 mV/m @ 1km
 # of Augmentations: 18

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.960	0.0	0.0	0.0	76.5	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

2	1.000	144.0	90.0	99.0	76.5	0	0	0.0	0.0	0.0	0.0
3	1.000	-135.0	94.0	274.0	76.5	0	0	0.0	0.0	0.0	0.0
4	0.750	179.0	120.0	227.0	76.5	0	0	0.0	0.0	0.0	0.0
5	1.470	35.0	190.0	249.0	76.5	0	0	0.0	0.0	0.0	0.0
6	0.750	-100.0	278.0	257.0	76.5	0	0	0.0	0.0	0.0	0.0

 Call: KGHL
 Freq: 790 kHz
 BILLINGS, MT, US
 Lat: 45-43-34 N
 Lng: 108-36-35 W
 Power: 5.0 kW
 Theo RMS: 846.51 mV/m @ 1km
 # of Augmentations: 5

#	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	157.5	0	0	0.0	0.0	0.0	0.0
2	0.500	-42.0	303.0	176.2	84.0	0	0	0.0	0.0	0.0	0.0

 Call: WTNV
 Freq: 790 kHz
 WATERTOWN, NY, US
 Lat: 43-56-44 N
 Lng: 075-56-54 W
 Power: 1.0 kW
 Theo RMS: 297.73 mV/m @ 1km
 # of Augmentations: 6

#	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	75.8	0	0	0.0	0.0	0.0	0.0
2	1.571	136.3	90.0	215.0	75.8	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

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3    1.000    -69.8    90.0    215.0    75.8    1    0    0.0    0.0    0.0    0.0
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Call: KFGO

Freq: 790 kHz

FARGO, ND, US

Lat: 46-43-05 N

Lng: 096-48-05 W

Power: 5.0 kW

Theo RMS: 704.89 mV/m @ 1km

of Augmentations: 5

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.500	-161.4	0.0	0.0	76.6	0	0	0.0	0.0	0.0	0.0
2	0.954	0.0	60.0	177.0	76.6	0	0	0.0	0.0	0.0	0.0
3	0.500	161.4	120.0	177.0	76.6	0	0	0.0	0.0	0.0	0.0

Call: WHTH

Freq: 790 kHz

HEATH, OH, US

Lat: 40-03-05 N

Lng: 082-28-08 W

Power: 0.026 kW

Theo RMS: 50.70 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	0.0	0	1	63.2	6.8	0.0	0.0
2	1.270	206.5	90.0	145.0	0.0	0	1	63.2	6.8	0.0	0.0
3	0.580	50.4	180.0	145.0	0.0	0	1	63.2	6.8	0.0	0.0

Call: KWIL

Freq: 790 kHz

Nighttime Stations Studied - Rough.txt

ALBANY, OR, US

Lat: 44-37-54 N

Lng: 123-00-57 W

Power: 1.0 kW

Theo RMS: 329.92 mV/m @ 1km

of Augmentations: 7

#	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	-146.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	1.600	0.0	90.0	59.0	90.0	0	0	0.0	0.0	0.0	0.0
3	1.000	146.0	180.0	59.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: WPIC

Freq: 790 kHz

SHARON, PA, US

Lat: 41-13-10 N

Lng: 080-28-25 W

Power: 0.051 kW

Theo RMS: 354.06 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	156.1	0	0	0.0	0.0	0.0	0.0

Call: WSKO

Freq: 790 kHz

PROVIDENCE, RI, US

Lat: 41-50-03 N

Lng: 071-21-56 W

Power: 5.0 kW

Theo RMS: 643.74 mV/m @ 1km

of Augmentations: 4

Nighttime Stations Studied - Rough.txt

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.120	-150.0	0.0	0.0	92.5	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	46.3	270.0	92.5	0	0	0.0	0.0	0.0	0.0

 Call: WRIT
 Freq: 790 kHz
 BAMBERG-DENMARK, SC, US
 Lat: 33-18-50 N
 Lng: 081-04-43 W
 Power: 0.1 kW
 Theo RMS: 282.00 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	81.0	0	0	0.0	0.0	0.0	0.0

 Call: WQSV
 Freq: 790 kHz
 ASHLAND CITY, TN, US
 Lat: 36-17-08 N
 Lng: 087-04-58 W
 Power: 0.035 kW
 Theo RMS: 294.51 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	72.3	0	0	0.0	0.0	0.0	0.0

 Call: WETB
 Freq: 790 kHz

Nighttime Stations Studied - Rough.txt

JOHNSON CITY, TN, US

Lat: 36-19-43 N

Lng: 082-24-39 W

Power: 0.072 kW

Theo RMS: 310.60 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	98.3	0	0	0.0	0.0	0.0	0.0

Call: KBME

Freq: 790 kHz

HOUSTON, TX, US

Lat: 29-54-54 N

Lng: 095-27-42 W

Power: 5.0 kW

Theo RMS: 671.10 mV/m @ 1km

of Augmentations: 19

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.780	-34.0	0.0	0.0	98.2	0	0	0.0	0.0	0.0	0.0
2	0.850	161.0	100.0	175.0	98.2	1	0	0.0	0.0	0.0	0.0
3	1.000	0.0	100.0	175.0	98.2	1	0	0.0	0.0	0.0	0.0
4	0.410	-113.0	100.0	175.0	98.2	1	0	0.0	0.0	0.0	0.0
5	0.610	-44.0	194.0	45.0	98.2	0	0	0.0	0.0	0.0	0.0
6	0.660	151.0	100.0	175.0	98.2	1	0	0.0	0.0	0.0	0.0
7	0.780	-10.0	100.0	175.0	98.2	1	0	0.0	0.0	0.0	0.0
8	0.320	-123.0	100.0	175.0	98.2	1	0	0.0	0.0	0.0	0.0

Call: KFYO

Freq: 790 kHz

LUBBOCK, TX, US

Nighttime Stations Studied - Rough.txt

Lat: 33-27-50 N
Lng: 101-55-30 W
Power: 1.0 kW
Theo RMS: 301.44 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	87.0	0	0	0.0	0.0	0.0	0.0
2	0.250	-200.0	95.0	180.0	87.0	0	0	0.0	0.0	0.0	0.0
3	0.500	18.0	210.0	119.0	87.0	0	0	0.0	0.0	0.0	0.0

Call: WSVG
Freq: 790 kHz
MOUNT JACKSON, VA, US
Lat: 38-46-15 N
Lng: 078-37-17 W
Power: 0.04 kW
Theo RMS: 293.70 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	81.0	0	0	0.0	0.0	0.0	0.0

Call: WAYY
Freq: 790 kHz
EAU CLAIRE, WI, US
Lat: 44-49-51 N
Lng: 091-26-58 W
Power: 5.0 kW
Theo RMS: 683.97 mV/m @ 1km
of Augmentations: 13

Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
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Nighttime Stations Studied - Rough.txt

#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
1	0.560	-30.0	0.0	0.0	77.2	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	180.0	121.8	76.5	0	0	0.0	0.0	0.0	0.0
3	0.560	30.0	360.0	121.8	130.0	0	0	0.0	0.0	0.0	0.0

Call: WHOS
Freq: 800 kHz
DECATUR, AL, US
Lat: 34-35-55 N
Lng: 087-00-24 W
Power: 0.215 kW
Theo RMS: 296.12 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	76.1	0	0	0.0	0.0	0.0	0.0

Call: KDFO
Freq: 800 kHz
BAKERSFIELD, CA, US
Lat: 35-20-44 N
Lng: 118-59-33 W
Power: 0.44 kW
Theo RMS: 187.50 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	77.0	0	0	0.0	0.0	0.0	0.0
2	0.160	-99.3	88.0	330.0	77.0	0	0	0.0	0.0	0.0	0.0
3	0.855	-22.8	195.5	337.2	92.0	0	0	0.0	0.0	0.0	0.0

Call: KLDC

Nighttime Stations Studied - Rough.txt

Freq: 800 kHz
 BRIGHTON, CO, US
 Lat: 40-01-42 N
 Lng: 104-49-22 W
 Power: 0.007 kW
 Theo RMS: 297.73 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	76.1	0	0	0.0	0.0	0.0	0.0

 Call: WLAD
 Freq: 800 kHz
 DANBURY, CT, US
 Lat: 41-22-27 N
 Lng: 073-26-47 W
 Power: 0.286 kW
 Theo RMS: 296.12 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	76.1	0	0	0.0	0.0	0.0	0.0

 Call: WPLK
 Freq: 800 kHz
 PALATKA, FL, US
 Lat: 29-39-07 N
 Lng: 081-35-32 W
 Power: 0.334 kW
 Theo RMS: 308.99 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)
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Nighttime Stations Studied - Rough.txt

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1	1.000	0.0	0.0	0.0	93.7	0	0	0.0	0.0	0.0	0.0

Call: WJAT
Freq: 800 kHz
SWAINSBORO, GA, US
Lat: 32-35-08 N
Lng: 082-21-42 W
Power: 0.5 kW
Theo RMS: 296.12 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
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1	1.000	0.0	0.0	0.0	76.1	0	0	0.0	0.0	0.0	0.0

Call: WKZI
Freq: 800 kHz
CASEY, IL, US
Lat: 39-18-16 N
Lng: 087-58-17 W
Power: 0.25 kW
Theo RMS: 283.24 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
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1	1.000	0.0	0.0	0.0	54.5	0	0	0.0	0.0	0.0	0.0

Call: KXIC
Freq: 800 kHz
IOWA CITY, IA, US
Lat: 41-41-15 N
Lng: 091-32-39 W
Power: 0.199 kW

Nighttime Stations Studied - Rough.txt

Theo RMS: 130.70 mV/m @ 1km

of Augmentations: 6

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.450	0.0	0.0	0.0	87.8	0	0	0.0	0.0	0.0	0.0
2	1.000	-65.0	138.5	45.0	87.8	0	0	0.0	0.0	0.0	0.0

Call: WSHO

Freq: 800 kHz

NEW ORLEANS, LA, US

Lat: 29-50-42 N

Lng: 090-06-39 W

Power: 0.233 kW

Theo RMS: 142.66 mV/m @ 1km

of Augmentations: 17

#	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	76.0	0	0	0.0	0.0	0.0	0.0
2	1.200	110.0	90.0	205.0	76.0	0	0	0.0	0.0	0.0	0.0

Call: KQAD

Freq: 800 kHz

LUVERNE, MN, US

Lat: 43-39-01 N

Lng: 096-10-19 W

Power: 0.08 kW

Theo RMS: 81.76 mV/m @ 1km

of Augmentations: 9

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
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Nighttime Stations Studied - Rough.txt

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1	1.000	0.0	0.0	0.0	76.0	0	0	0.0	0.0	0.0	0.0
2	0.900	136.0	60.0	60.0	76.0	0	0	0.0	0.0	0.0	0.0

Call: WTMR
 Freq: 800 kHz
 CAMDEN, NJ, US
 Lat: 39-54-33 N
 Lng: 075-06-00 W
 Power: 0.5 kW
 Theo RMS: 242.35 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
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1	1.000	0.0	0.0	0.0	112.7	0	0	0.0	0.0	0.0	0.0
2	1.000	103.0	45.0	332.0	175.7	0	0	0.0	0.0	0.0	0.0

Call: WCHA
 Freq: 800 kHz
 CHAMBERSBURG, PA, US
 Lat: 39-55-41 N
 Lng: 077-41-44 W
 Power: 0.196 kW
 Theo RMS: 296.12 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
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1	1.000	0.0	0.0	0.0	140.2	0	0	0.0	0.0	0.0	0.0

Call: WDSC
 Freq: 800 kHz
 DILLON, SC, US
 Lat: 34-22-11 N

Nighttime Stations Studied - Rough.txt

Lng: 079-24-08 W

Power: 0.38 kW

Theo RMS: 305.80 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	0.0	0	1	70.3	19.7	0.0	0.0

Call: WPJM

Freq: 800 kHz

GREER, SC, US

Lat: 34-56-59 N

Lng: 082-14-43 W

Power: 0.438 kW

Theo RMS: 286.46 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	76.1	0	0	0.0	0.0	0.0	0.0

Call: WDEH

Freq: 800 kHz

SWEETWATER, TN, US

Lat: 35-36-49 N

Lng: 084-27-33 W

Power: 0.379 kW

Theo RMS: 286.46 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	76.1	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

Call: WSVS
 Freq: 800 kHz
 CREWE, VA, US
 Lat: 37-11-43 N
 Lng: 078-10-01 W
 Power: 0.275 kW
 Theo RMS: 323.48 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	118.3	0	0	0.0	0.0	0.0	0.0

Call: WVHU
 Freq: 800 kHz
 HUNTINGTON, WV, US
 Lat: 38-23-35 N
 Lng: 082-28-24 W
 Power: 0.185 kW
 Theo RMS: 304.17 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	87.8	0	0	0.0	0.0	0.0	0.0

Call: WDUX
 Freq: 800 kHz
 WAUPACA, WI, US
 Lat: 44-21-15 N
 Lng: 089-03-29 W
 Power: 0.5 kW
 Theo RMS: 205.60 mV/m @ 1km
 # of Augmentations: 5

Nighttime Stations Studied - Rough.txt

#	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	76.0	0	0	0.0	0.0	0.0	0.0
2	0.650	-130.0	60.0	300.0	76.0	0	0	0.0	0.0	0.0	0.0

 Call: WNSI
 Freq: 810 kHz
 JACKSONVILLE, AL, US
 Lat: 33-50-58 N
 Lng: 085-45-46 W
 Power: 0.5 kW
 Theo RMS: 223.70 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	86.0	0	0	0.0	0.0	0.0	0.0
2	2.150	100.5	100.0	42.5	86.0	0	0	0.0	0.0	0.0	0.0
3	1.230	201.0	200.0	42.5	86.0	0	0	0.0	0.0	0.0	0.0

 Call: WDDD
 Freq: 810 kHz
 JOHNSTON CITY, IL, US
 Lat: 37-51-14 N
 Lng: 088-52-12 W
 Power: 0.25 kW
 Theo RMS: 143.23 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	90.0	0	0	0.0	0.0	0.0	0.0
2	2.550	240.0	92.0	228.8	90.0	0	0	0.0	0.0	0.0	0.0
3	2.720	117.0	181.5	227.3	90.0	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

4 1.150 359.0 269.0 227.8 90.0 0 0 0.0 0.0 0.0 0.0

Call: WSJC

Freq: 810 kHz

MAGEE, MS, US

Lat: 31-52-00 N

Lng: 089-41-35 W

Power: 0.5 kW

Theo RMS: 199.56 mV/m @ 1km

of Augmentations: 9

#	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	180.0	0	0	0.0	0.0	0.0	0.0
2	0.980	60.0	130.0	43.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: WGY

Freq: 810 kHz

SCHENECTADY, NY, US

Lat: 42-47-37 N

Lng: 074-00-36 W

Power: 50.0 kW

Theo RMS: 383.02 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	182.9	0	0	0.0	0.0	0.0	0.0

Call: KXOI

Freq: 810 kHz

CRANE, TX, US

Lat: 31-28-39 N

Lng: 102-20-24 W

Nighttime Stations Studied - Rough.txt

Power: 0.5 kW

Theo RMS: 288.67 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	74.0	0	0	0.0	0.0	0.0	0.0
2	0.900	40.0	225.0	105.0	74.0	0	0	0.0	0.0	0.0	0.0

Call: WKVM

Freq: 810 kHz

SAN JUAN, PR, US

Lat: 18-21-47 N

Lng: 066-08-13 W

Power: 50.0 kW

Theo RMS: 2158.13 mV/m @ 1km

of Augmentations: 15

#	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	-58.0	0.0	0.0	84.2	0	0	0.0	0.0	0.0	0.0
2	1.079	10.7	65.0	329.5	84.2	0	0	0.0	0.0	0.0	0.0
3	1.000	58.0	130.0	329.5	84.2	0	0	0.0	0.0	0.0	0.0

Call: WMGG

Freq: 820 kHz

LARGO, FL, US

Lat: 27-54-30 N

Lng: 082-46-51 W

Power: 1.0 kW

Theo RMS: 307.74 mV/m @ 1km

of Augmentations: 5

Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
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Nighttime Stations Studied - Rough.txt

#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
1	1.000	0.0	0.0	0.0	75.0	0	0	0.0	0.0	0.0	0.0
2	1.760	88.4	100.0	318.0	75.0	0	0	0.0	0.0	0.0	0.0
3	0.780	177.8	200.0	318.0	75.0	0	0	0.0	0.0	0.0	0.0

Call: WXTR
Freq: 820 kHz
FREDERICK, MD, US
Lat: 39-24-42 N
Lng: 077-28-20 W
Power: 0.43 kW
Theo RMS: 205.27 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	0.0	0	1	73.5	26.5	0.0	0.0
2	0.890	122.0	60.0	253.0	0.0	0	1	73.5	26.5	0.0	0.0

Call: WWLZ
Freq: 820 kHz
HORSEHEADS, NY, US
Lat: 42-09-14 N
Lng: 076-50-47 W
Power: 0.85 kW
Theo RMS: 281.64 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	0.0	0	1	73.5	22.5	0.0	0.0
2	0.720	-135.0	70.0	21.4	0.0	0	1	73.5	22.5	0.0	0.0
3	0.320	-55.0	162.0	101.4	0.0	0	1	73.5	22.5	0.0	0.0

Nighttime Stations Studied - Rough.txt

Call: WNYC
 Freq: 820 kHz
 NEW YORK, NY, US
 Lat: 40-45-10 N
 Lng: 074-06-15 W
 Power: 1.0 kW
 Theo RMS: 314.40 mV/m @ 1km
 # of Augmentations: 12

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.637	86.5	115.5	282.0	97.5	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	0.0	0.0	97.5	0	0	0.0	0.0	0.0	0.0
3	0.427	-86.5	115.5	102.0	97.5	0	0	0.0	0.0	0.0	0.0

Call: WOSU
 Freq: 820 kHz
 COLUMBUS, OH, US
 Lat: 39-54-35 N
 Lng: 083-03-23 W
 Power: 0.79 kW
 Theo RMS: 285.77 mV/m @ 1km
 # of Augmentations: 3

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.374	-26.0	139.4	277.1	90.0	0	0	0.0	0.0	0.0	0.0
2	0.740	-130.6	80.0	314.5	90.0	0	0	0.0	0.0	0.0	0.0
3	0.374	124.0	97.8	14.3	90.0	0	0	0.0	0.0	0.0	0.0
4	0.506	104.0	90.0	244.5	90.0	0	0	0.0	0.0	0.0	0.0
5	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
6	0.506	-107.0	90.0	64.5	90.0	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

Call: KORC
 Freq: 820 kHz
 WALDPORT, OR, US
 Lat: 44-26-05 N
 Lng: 124-01-20 W
 Power: 0.015 kW
 Theo RMS: 282.20 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	54.1	0	0	0.0	0.0	0.0	0.0

Call: WBAP
 Freq: 820 kHz
 FORT WORTH, TX, US
 Lat: 32-36-38 N
 Lng: 097-10-00 W
 Power: 50.0 kW
 Theo RMS: 397.51 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	192.1	0	0	0.0	0.0	0.0	0.0

Call: WGGM
 Freq: 820 kHz
 CHESTER, VA, US
 Lat: 37-22-58 N
 Lng: 077-25-41 W
 Power: 1.0 kW
 Theo RMS: 328.40 mV/m @ 1km

Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
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Nighttime Stations Studied - Rough.txt

#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
1	1.000	0.0	0.0	0.0	111.0	0	0	0.0	0.0	0.0	0.0
2	1.657	125.5	73.0	289.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.757	-105.0	158.5	297.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: KGNW
Freq: 820 kHz
BURIEN-SEATTLE, WA, US
Lat: 47-26-00 N
Lng: 122-28-02 W
Power: 5.0 kW
Theo RMS: 650.50 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	87.4	0	0	0.0	0.0	0.0	0.0
2	2.000	51.0	135.0	130.0	87.4	0	0	0.0	0.0	0.0	0.0
3	1.000	90.0	270.0	130.0	87.4	0	0	0.0	0.0	0.0	0.0

Call: KFLT
Freq: 830 kHz
TUCSON, AZ, US
Lat: 32-26-39 N
Lng: 111-05-27 W
Power: 1.0 kW
Theo RMS: 288.87 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	0.416	-145.5	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	90.0	340.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.900	146.0	180.0	340.0	90.0	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

4 0.304 -68.5 270.0 340.0 90.0 0 0 0.0 0.0 0.0 0.0

Call: WACC

Freq: 830 kHz

HIALEAH, FL, US

Lat: 25-46-22 N

Lng: 080-25-16 W

Power: 1.0 kW

Theo RMS: 314.40 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	73.1	0	0	0.0	0.0	0.0	0.0
2	3.381	159.5	118.7	253.0	73.1	0	0	0.0	0.0	0.0	0.0
3	2.643	47.0	105.0	222.0	79.0	0	0	0.0	0.0	0.0	0.0
4	0.804	-85.8	64.0	149.0	79.0	0	0	0.0	0.0	0.0	0.0

Call: WFNO

Freq: 830 kHz

NORCO, LA, US

Lat: 30-03-00 N

Lng: 090-22-41 W

Power: 0.75 kW

Theo RMS: 272.20 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	72.9	0	0	0.0	0.0	0.0	0.0
2	1.600	121.2	75.0	338.0	72.9	0	0	0.0	0.0	0.0	0.0
3	0.680	-116.3	150.0	338.0	72.9	0	0	0.0	0.0	0.0	0.0

Call: WCCO

Freq: 830 kHz

Nighttime Stations Studied - Rough.txt

MINNEAPOLIS, MN, US

Lat: 45-10-40 N

Lng: 093-20-55 W

Power: 50.0 kW

Theo RMS: 410.00 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	194.4	0	0	0.0	0.0	0.0	0.0

Call: WNIS

Freq: 790 kHz

NORFOLK, VA, US

Lat: 37-04-25 N

Lng: 076-17-31 W

Power: 5.0 kW

Theo RMS: 766.60 mV/m @ 1km

of Augmentations: 1

#	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	142.3	0	0	0.0	0.0	0.0	0.0
2	0.830	183.3	75.0	358.0	142.3	0	0	0.0	0.0	0.0	0.0
3	0.940	47.5	144.0	16.0	142.3	0	0	0.0	0.0	0.0	0.0
4	0.780	230.8	216.6	9.9	142.3	0	0	0.0	0.0	0.0	0.0

Call: VOB-A

Freq: 790 kHz

V OF BARBADO, BB

Lat: 13-07-00 N

Lng: 059-32-00 W

Power: 20.0 kW

Theo RMS: 309.47 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: HJDC-A
 Freq: 790 kHz
 MEDELLIN 11, CO
 Lat: 06-16-00 N
 Lng: 075-36-00 W
 Power: 10.0 kW
 Theo RMS: 309.46 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	70.0	0	0	0.0	0.0	0.0	0.0

 Call: CMBB-D
 Freq: 790 kHz
 GUANABACOA, CU
 Lat: 23-07-00 N
 Lng: 082-16-00 W
 Power: 50.0 kW
 Theo RMS: 309.46 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	115.0	0	0	0.0	0.0	0.0	0.0

 Call: HIL-C
 Freq: 790 kHz
 S DOMINGO 14, DR

Nighttime Stations Studied - Rough.txt

Lat: 18-29-00 N
 Lng: 069-56-00 W
 Power: 1.0 kW
 Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: HCOT1-A
 Freq: 790 kHz
 S DOMINGO 2, EC
 Lat: 00-17-00 S
 Lng: 079-09-30 W
 Power: 3.0 kW
 Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: TGO-A
 Freq: 790 kHz
 VOZLASAMERIC, GT
 Lat: 14-38-00 N
 Lng: 090-34-00 W
 Power: 2.5 kW
 Theo RMS: 309.47 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	90.0	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

 Call: HRTG 2-A
 Freq: 790 kHz
 TEGUCIGALPA, HO
 Lat: 14-07-00 N
 Lng: 087-13-00 W
 Power: 1.0 kW
 Theo RMS: 309.50 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	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

 Call: JBC-A
 Freq: 790 kHz
 JAMES HILL, JM
 Lat: 18-10-00 N
 Lng: 077-20-00 W
 Power: 10.0 kW
 Theo RMS: 305.70 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	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

 Call: YNW4-B
 Freq: 790 kHz
 RADIO MUNDIA, NU
 Lat: 11-49-00 N
 Lng: 086-12-00 W
 Power: 1.0 kW
 Theo RMS: 327.20 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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

 Call: HOP 61-A
 Freq: 790 kHz
 FORT CLAYTON, PM
 Lat: 08-59-00 N
 Lng: 079-35-00 W
 Power: 10.0 kW
 Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: OAX2I-A
 Freq: 790 kHz
 CRU, PE
 Lat: 08-07-00 S
 Lng: 079-03-00 W
 Power: 50.0 kW
 Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: YV KC-A
 Freq: 790 kHz
 CARACAS, VE
 Lat: 10-28-00 N

Nighttime Stations Studied - Rough.txt

Lng: 066-47-00 W

Power: 25.0 kW

Theo RMS: 1570.00 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	90.0	0	0	0.0	0.0	0.0	0.0
2	1.000	90.0	90.0	270.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: PJB3-B

Freq: 800 kHz

TRANSWORLD R, NA

Lat: 12-06-00 N

Lng: 068-17-00 W

Power: 500.0 kW

Theo RMS: 342.46 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	146.0	0	0	0.0	0.0	0.0	0.0

Call: UNK-A

Freq: 800 kHz

BELEM, BR

Lat: 01-27-00 S

Lng: 048-30-00 W

Power: 2.0 kW

Theo RMS: 409.43 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	100.8	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

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2    1.000    90.0    90.0    167.0    100.8    0    0    0.0    0.0    0.0    0.0
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Call: UNK-A
Freq: 800 kHz
MANAUS, BR
Lat: 03-06-00 S
Lng: 060-02-00 W
Power: 10.0 kW
Theo RMS: 921.81 mV/m @ 1km

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	100.8	0	0	0.0	0.0	0.0	0.0
2	1.000	100.0	90.0	142.0	100.8	0	0	0.0	0.0	0.0	0.0

```

Call: ZYJ-678-A
Freq: 800 kHz
PORTO VELHO, BR
Lat: 08-45-00 S
Lng: 063-55-00 W
Power: 2.0 kW
Theo RMS: 437.60 mV/m @ 1km

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#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	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	0.800	90.0	90.0	128.0	90.0	0	0	0.0	0.0	0.0	0.0

```

Call: UNK-A
Freq: 800 kHz
RIO BRANCO, BR
Lat: 09-58-00 S
Lng: 067-49-00 W

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Nighttime Stations Studied - Rough.txt

Power: 10.0 kW

Theo RMS: 915.51 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	100.8	0	0	0.0	0.0	0.0	0.0
2	0.800	90.0	90.0	122.0	100.8	0	0	0.0	0.0	0.0	0.0

Call: CP 157-A

Freq: 800 kHz

SORATA, BL

Lat: 14-45-00 S

Lng: 068-40-00 W

Power: 1.0 kW

Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: HJBW-B

Freq: 800 kHz

BUCARAMANGA, CO

Lat: 07-04-00 N

Lng: 073-07-00 W

Power: 10.0 kW

Theo RMS: 309.46 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	86.0	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

Call: TIW-B
 Freq: 800 kHz
 S JOSE 4, CS
 Lat: 09-56-00 N
 Lng: 084-04-00 W
 Power: 3.0 kW
 Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: CMAB-D
 Freq: 800 kHz
 BAHIA HONDA, CU
 Lat: 22-54-00 N
 Lng: 083-10-00 W
 Power: 1.0 kW
 Theo RMS: 309.50 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	88.0	0	0	0.0	0.0	0.0	0.0

Call: CMEB-D
 Freq: 800 kHz
 SANTA CLARA, CU
 Lat: 22-27-00 N
 Lng: 079-53-00 W
 Power: 30.0 kW
 Theo RMS: 309.46 mV/m @ 1km

Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
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Nighttime Stations Studied - Rough.txt

#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
1	1.000	0.0	0.0	0.0	117.0	0	0	0.0	0.0	0.0	0.0

 Call: HCFV1-A
 Freq: 800 kHz
 CANAL TROPIC, EC
 Lat: 00-13-06 S
 Lng: 078-30-17 W
 Power: 1.0 kW
 Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: HCML2-A
 Freq: 800 kHz
 GUAYAQUIL, EC
 Lat: 02-05-00 S
 Lng: 079-56-12 W
 Power: 10.0 kW
 Theo RMS: 309.49 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: TGYH-B
 Freq: 800 kHz
 ROSA, GT
 Lat: 14-05-00 N
 Lng: 090-23-00 W

Nighttime Stations Studied - Rough.txt

Power: 1.0 kW

Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: HRDL-A

Freq: 800 kHz

COMAYAGUA 2, HO

Lat: 14-27-24 N

Lng: 087-37-00 W

Power: 1.0 kW

Theo RMS: 308.00 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: HRLP 26-B

Freq: 800 kHz

DANLI 3, HO

Lat: 14-20-00 N

Lng: 086-45-00 W

Power: 1.0 kW

Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: HRXS 2-B

Nighttime Stations Studied - Rough.txt

Freq: 800 kHz
 S PEDRO SULA, HO
 Lat: 15-30-00 N
 Lng: 088-02-00 W
 Power: 1.0 kW
 Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: HRMD-B
 Freq: 800 kHz
 YORO, HO
 Lat: 15-10-00 N
 Lng: 087-10-00 W
 Power: 1.0 kW
 Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: OAX3Y-A
 Freq: 800 kHz
 SELVA, PE
 Lat: 09-10-00 S
 Lng: 076-00-00 W
 Power: 1.0 kW
 Theo RMS: 309.50 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)
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Nighttime Stations Studied - Rough.txt

1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
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Call: OBX5B-A
 Freq: 800 kHz
 SURMEDIO, PE
 Lat: 14-05-00 S
 Lng: 075-40-00 W
 Power: 0.5 kW
 Theo RMS: 309.43 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	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

Call: CIAO/U
 Freq: 790 kHz
 BRAMPTON, ON, CA
 Lat: 43-35-20 N
 Lng: 079-52-54 W
 Power: 5.0 kW
 Theo RMS: 643.74 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	86.1	0	0	0.0	0.0	0.0	0.0
2	0.530	359.7	240.0	303.0	86.1	0	0	0.0	0.0	0.0	0.0
3	0.123	356.8	480.0	303.0	86.1	0	0	0.0	0.0	0.0	0.0
4	0.116	275.8	507.0	314.2	86.1	0	0	0.0	0.0	0.0	0.0
5	0.498	278.7	275.6	323.9	86.1	0	0	0.0	0.0	0.0	0.0
6	0.940	279.0	100.0	23.0	86.1	0	0	0.0	0.0	0.0	0.0
7	0.889	278.3	243.4	99.1	86.1	0	0	0.0	0.0	0.0	0.0
8	0.368	275.8	473.0	111.0	86.1	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

9	0.392	356.8	480.0	123.0	86.1	0	0	0.0	0.0	0.0	0.0
10	0.946	359.3	240.0	123.0	86.1	0	0	0.0	0.0	0.0	0.0

 Call: CKST/A
 Freq: 800 kHz
 LANGLEY, BC, CA
 Lat: 49-06-56 N
 Lng: 122-32-38 W
 Power: 25.0 kW
 Theo RMS: 1399.00 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	70.0	0	0	0.0	0.0	0.0	0.0
2	1.940	51.5	250.0	31.0	70.0	0	0	0.0	0.0	0.0	0.0
3	1.100	112.0	508.0	32.0	70.0	0	0	0.0	0.0	0.0	0.0
4	1.000	-152.0	488.5	41.5	70.0	0	0	0.0	0.0	0.0	0.0
5	1.940	147.0	236.5	50.9	70.0	0	0	0.0	0.0	0.0	0.0
6	1.000	99.0	85.0	140.0	70.0	0	0	0.0	0.0	0.0	0.0

 Call: CILW/O
 Freq: 830 kHz
 WAINWRIGHT, AB, CA
 Lat: 52-48-59 N
 Lng: 110-45-33 W
 Power: 3.5 kW
 Theo RMS: 555.00 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	0.660	95.0	0.0	0.0	60.7	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	90.0	333.0	60.7	0	0	0.0	0.0	0.0	0.0
3	0.340	-94.0	180.0	333.0	60.7	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

 Call: NEW/A
 Freq: 830 kHz
 VICTORIA, BC, CA
 Lat: 48-23-50 N
 Lng: 123-18-20 W
 Power: 10.0 kW
 Theo RMS: 998.21 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	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	1.970	249.0	90.0	311.0	90.0	0	0	0.0	0.0	0.0	0.0
3	1.000	138.0	180.0	311.0	90.0	0	0	0.0	0.0	0.0	0.0

 Call: CFJR/A
 Freq: 830 kHz
 BROCKVILLE, ON, CA
 Lat: 44-36-14 N
 Lng: 075-47-41 W
 Power: 1.0 kW
 Theo RMS: 304.00 mV/m @ 1km
 # of Augmentations: 4

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	74.4	0	0	0.0	0.0	0.0	0.0
2	1.970	-101.2	90.0	60.0	74.4	0	0	0.0	0.0	0.0	0.0
3	1.000	157.6	180.0	60.0	74.4	0	0	0.0	0.0	0.0	0.0

 Call: XEFW/O
 Freq: 810 kHz
 TAMPICO, TA, MX

Nighttime Stations Studied - Rough.txt

Lat: 22-13-05 N
 Lng: 097-51-07 W
 Power: 0.25 kW
 Theo RMS: 294.76 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	74.9	0	0	0.0	0.0	0.0	0.0

 Call: XEHT/O
 Freq: 810 kHz
 HUAMANTLA, TL, MX
 Lat: 19-18-40 N
 Lng: 097-55-32 W
 Power: 0.5 kW
 Theo RMS: 291.34 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	87.5	0	0	0.0	0.0	0.0	0.0

 Call: XEZC/O
 Freq: 810 kHz
 RIO GRANDE, ZA, MX
 Lat: 23-49-46 N
 Lng: 103-02-17 W
 Power: 0.13 kW
 Theo RMS: 275.88 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	90.0	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

 Call: XEVMS/O
 Freq: 820 kHz
 MEXICALI, BN, MX
 Lat: 32-37-40 N
 Lng: 115-34-48 W
 Power: 0.1 kW
 Theo RMS: 284.64 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	76.8	0	0	0.0	0.0	0.0	0.0

 Call: XEBA/O
 Freq: 820 kHz
 GUADALAJARA, JA, MX
 Lat: 20-42-41 N
 Lng: 103-18-15 W
 Power: 0.1 kW
 Theo RMS: 293.14 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	86.6	0	0	0.0	0.0	0.0	0.0

 Call: XEVQ/O
 Freq: 830 kHz
 CULIACAN, SI, MX
 Lat: 24-49-56 N
 Lng: 107-24-17 W
 Power: 0.1 kW
 Theo RMS: 286.22 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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	89.7	0	0	0.0	0.0	0.0	0.0

 Call: CFCW/
 Freq: 790 kHz
 CAMROSE, AB, CA
 Lat: 52-57-37 N
 Lng: 112-57-29 W
 Power: 50.0 kW
 Theo RMS: 2006.85 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	84.0	0	0	0.0	0.0	0.0	0.0
2	1.700	232.9	80.0	349.0	84.0	0	0	0.0	0.0	0.0	0.0
3	0.873	103.9	160.0	349.0	84.0	0	0	0.0	0.0	0.0	0.0
4	0.419	142.9	264.5	307.3	84.0	0	0	0.0	0.0	0.0	0.0
5	0.816	271.9	211.6	292.7	84.0	0	0	0.0	0.0	0.0	0.0
6	0.480	39.0	180.0	271.0	84.0	0	0	0.0	0.0	0.0	0.0

 Call: CFAN/
 Freq: 790 kHz
 NEWCASTLE, NB, CA
 Lat: 47-00-21 N
 Lng: 065-33-10 W
 Power: 1.0 kW
 Theo RMS: 269.57 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	1.499	30.0	180.0	252.5	60.0	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

2 1.000 0.0 0.0 0.0 60.0 0 0 0.0 0.0 0.0 0.0

 Call: CFNW/A
 Freq: 790 kHz
 PORT AU CHOIX, NF, CA
 Lat: 50-42-00 N
 Lng: 057-24-00 W
 Power: 1.0 kW
 Theo RMS: 283.24 mV/m @ 1km
 # of Augmentations: 3

#	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	285.0	120.0	105.0	60.0	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	0.0	0.0	60.0	0	0	0.0	0.0	0.0	0.0

 Call: NEW/A
 Freq: 790 kHz
 YARMOUTH, NS, CA
 Lat: 43-55-00 N
 Lng: 066-05-00 W
 Power: 10.0 kW
 Theo RMS: 1000.00 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	80.0	0	0	0.0	0.0	0.0	0.0
2	1.879	130.0	90.0	312.0	80.0	0	0	0.0	0.0	0.0	0.0
3	1.000	260.0	180.0	312.0	80.0	0	0	0.0	0.0	0.0	0.0

 Call: CIGM/A
 Freq: 790 kHz
 SUDBURY, ON, CA

Nighttime Stations Studied - Rough.txt

Lat: 46-25-24 N
 Lng: 080-56-13 W
 Power: 50.0 kW
 Theo RMS: 2119.51 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	83.8	0	0	0.0	0.0	0.0	0.0
2	2.000	265.0	90.0	322.5	83.8	0	0	0.0	0.0	0.0	0.0
3	0.935	163.0	180.0	322.5	83.8	0	0	0.0	0.0	0.0	0.0
4	0.935	285.0	120.0	61.5	83.8	0	0	0.0	0.0	0.0	0.0
5	1.869	191.5	138.5	21.5	83.8	0	0	0.0	0.0	0.0	0.0
6	0.972	107.0	200.0	359.0	83.8	0	0	0.0	0.0	0.0	0.0

 Call: NEW/U
 Freq: 790 kHz
 BAIE COMEAU, QU, CA
 Lat: 49-12-00 N
 Lng: 068-11-23 W
 Power: 0.25 kW
 Theo RMS: 144.84 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	270.0	90.0	0.0	70.0	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	0.0	0.0	70.0	0	0	0.0	0.0	0.0	0.0

 Call: CKOR/A
 Freq: 800 kHz
 PENTICTON, BC, CA
 Lat: 49-25-25 N
 Lng: 119-34-15 W
 Power: 0.5 kW

Nighttime Stations Studied - Rough.txt

Theo RMS: 288.40 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	63.2	0	0	0.0	0.0	0.0	0.0

Call: VOWR/A

Freq: 800 kHz

ST. JOHN'S, NF, CA

Lat: 47-34-19 N

Lng: 052-45-14 W

Power: 2.5 kW

Theo RMS: 289.66 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	60.0	0	0	0.0	0.0	0.0	0.0

Call: CJBQ/

Freq: 800 kHz

BELLEVILLE, ON, CA

Lat: 43-58-08 N

Lng: 077-25-10 W

Power: 10.0 kW

Theo RMS: 917.33 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	85.5	0	0	0.0	0.0	0.0	0.0
2	0.572	336.7	193.0	269.5	85.5	0	0	0.0	0.0	0.0	0.0
3	0.554	234.2	195.3	296.3	85.5	0	0	0.0	0.0	0.0	0.0
4	1.050	257.5	90.0	11.5	85.5	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

5	0.554	272.7	229.5	67.0	85.5	0	0	0.0	0.0	0.0	0.0
6	0.572	15.2	193.0	89.5	85.5	0	0	0.0	0.0	0.0	0.0

 Call: CKDR/A
 Freq: 800 kHz
 DRYDEN, ON, CA
 Lat: 49-48-32 N
 Lng: 092-49-34 W
 Power: 0.7 kW
 Theo RMS: 295.00 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	79.9	0	0	0.0	0.0	0.0	0.0

 Call: CBQ/
 Freq: 800 kHz
 THUNDER BAY, ON, CA
 Lat: 48-18-38 N
 Lng: 089-21-30 W
 Power: 5.0 kW
 Theo RMS: 646.96 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	0.580	141.0	0.0	0.0	74.6	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	70.0	25.0	74.6	0	0	0.0	0.0	0.0	0.0
3	0.570	207.0	140.0	25.0	74.6	0	0	0.0	0.0	0.0	0.0

 Call: CKLW/A
 Freq: 800 kHz
 WINDSOR, ON, CA
 Lat: 42-03-25 N

Nighttime Stations Studied - Rough.txt

Lng: 083-00-10 W

Power: 50.0 kW

Theo RMS: 2156.52 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	0.570	215.0	0.0	0.0	88.0	0	0	0.0	0.0	0.0	0.0
2	1.130	16.0	115.0	288.0	88.0	0	0	0.0	0.0	0.0	0.0
3	1.180	344.0	115.0	108.0	88.0	0	0	0.0	0.0	0.0	0.0
4	0.980	271.0	135.0	320.0	88.0	0	0	0.0	0.0	0.0	0.0
5	1.000	89.0	135.0	140.0	88.0	0	0	0.0	0.0	0.0	0.0

Call: CJAD/A

Freq: 800 kHz

MONTREAL, QU, CA

Lat: 45-14-50 N

Lng: 073-31-25 W

Power: 10.0 kW

Theo RMS: 1118.50 mV/m @ 1km

of Augmentations: 5

#	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	195.0	0	0	0.0	0.0	0.0	0.0
2	1.000	80.0	396.0	6.5	195.0	0	0	0.0	0.0	0.0	0.0
3	1.000	90.0	278.0	341.0	195.0	0	0	0.0	0.0	0.0	0.0
4	1.000	350.0	188.0	46.0	195.0	0	0	0.0	0.0	0.0	0.0

Call: CHRC/

Freq: 800 kHz

QUEBEC, QU, CA

Lat: 46-38-34 N

Lng: 071-14-45 W

Nighttime Stations Studied - Rough.txt

Power: 50.0 kW

Theo RMS: 2043.87 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	59.8	0	0	0.0	0.0	0.0	0.0
2	0.500	61.0	135.0	228.0	59.8	0	0	0.0	0.0	0.0	0.0
3	0.300	271.0	148.0	271.3	59.8	0	0	0.0	0.0	0.0	0.0
4	0.600	210.0	105.0	333.0	59.8	0	0	0.0	0.0	0.0	0.0
5	0.300	149.0	191.3	16.0	59.8	0	0	0.0	0.0	0.0	0.0
6	0.540	299.0	135.0	48.0	59.8	0	0	0.0	0.0	0.0	0.0

Call: CHAB/

Freq: 800 kHz

MOOSE JAW, SA, CA

Lat: 50-22-38 N

Lng: 105-23-35 W

Power: 10.0 kW

Theo RMS: 885.14 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	86.3	0	0	0.0	0.0	0.0	0.0
2	1.500	-76.0	134.3	326.8	86.3	0	0	0.0	0.0	0.0	0.0
3	1.000	37.0	165.0	294.0	86.3	0	0	0.0	0.0	0.0	0.0

Call: NEW/A

Freq: 810 kHz

BROOKS, AB, CA

Lat: 50-29-35 N

Lng: 111-53-05 W

Power: 10.0 kW

Theo RMS: 1060.00 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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	-107.0	0.0	0.0	95.0	0	0	0.0	0.0	0.0	0.0
2	3.600	126.8	90.0	0.0	95.0	0	0	0.0	0.0	0.0	0.0
3	5.200	0.0	180.0	0.0	95.0	0	0	0.0	0.0	0.0	0.0
4	3.600	-126.8	270.0	0.0	95.0	0	0	0.0	0.0	0.0	0.0
5	1.000	107.0	360.0	0.0	95.0	0	0	0.0	0.0	0.0	0.0

Call: CKJS/
Freq: 810 kHz
WINNIPEG, MB, CA
Lat: 49-44-07 N
Lng: 097-11-36 W
Power: 10.0 kW
Theo RMS: 941.47 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	60.0	0	0	0.0	0.0	0.0	0.0
2	2.907	208.7	90.0	10.0	60.0	0	0	0.0	0.0	0.0	0.0
3	2.907	57.3	180.0	10.0	60.0	0	0	0.0	0.0	0.0	0.0
4	1.000	266.0	270.0	10.0	60.0	0	0	0.0	0.0	0.0	0.0

Call: CJVA/A
Freq: 810 kHz
CARAQUET, NB, CA
Lat: 47-46-05 N
Lng: 065-03-13 W
Power: 10.0 kW
Theo RMS: 920.06 mV/m @ 1km

Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
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Nighttime Stations Studied - Rough.txt

#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
1	1.000	0.0	0.0	0.0	86.0	0	0	0.0	0.0	0.0	0.0
2	0.507	252.0	90.0	60.0	86.0	0	0	0.0	0.0	0.0	0.0
3	0.507	108.0	90.0	240.0	86.0	0	0	0.0	0.0	0.0	0.0

Call: NEW/
Freq: 820 kHz
HALIFAX, NS, CA
Lat: 44-30-00 N
Lng: 063-40-00 W
Power: 50.0 kW
Theo RMS: 2104.44 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	90.0	0	0	0.0	0.0	0.0	0.0
2	0.930	93.0	90.0	258.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: NEW/
Freq: 820 kHz
SYDNEY, NS, CA
Lat: 46-10-00 N
Lng: 060-12-00 W
Power: 10.0 kW
Theo RMS: 941.50 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	90.0	0	0	0.0	0.0	0.0	0.0
2	0.600	-90.0	90.0	78.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: CHAM/B

Nighttime Stations Studied - Rough.txt

Freq: 820 kHz
HAMILTON, ON, CA
Lat: 43-06-58 N
Lng: 079-46-38 W
Power: 10.0 kW
Theo RMS: 959.00 mV/m @ 1km
of Augmentations: 4

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	88.5	0	0	0.0	0.0	0.0	0.0
2	1.950	-120.8	90.0	352.0	88.5	0	0	0.0	0.0	0.0	0.0
3	0.985	116.8	180.0	352.0	88.5	0	0	0.0	0.0	0.0	0.0
4	0.985	-11.2	171.5	81.0	88.5	0	0	0.0	0.0	0.0	0.0
5	1.940	-133.7	195.1	53.5	88.5	0	0	0.0	0.0	0.0	0.0
6	0.995	103.8	250.8	35.0	88.5	0	0	0.0	0.0	0.0	0.0

Call: NEW/A
Freq: 820 kHz
NIPIGON, ON, CA
Lat: 48-58-00 N
Lng: 088-18-00 W
Power: 1.0 kW
Theo RMS: 298.00 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	75.0	0	0	0.0	0.0	0.0	0.0
2	0.980	78.0	110.0	205.8	75.0	0	0	0.0	0.0	0.0	0.0

Call: NEW/
Freq: 820 kHz
DRUMMONDVILLE, QU, CA

Nighttime Stations Studied - Rough.txt

Lat: 45-50-00 N
 Lng: 072-28-00 W
 Power: 5.0 kW
 Theo RMS: 730.63 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	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	1.913	222.4	90.0	4.5	90.0	0	0	0.0	0.0	0.0	0.0
3	1.000	84.9	180.0	4.5	90.0	0	0	0.0	0.0	0.0	0.0

 Call: NEW/A
 Freq: 820 kHz
 PRINCE ALBERT, SA, CA
 Lat: 53-06-00 N
 Lng: 105-45-00 W
 Power: 10.0 kW
 Theo RMS: 1065.00 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	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	2.800	233.5	90.0	32.0	90.0	0	0	0.0	0.0	0.0	0.0
3	2.800	107.2	180.0	32.0	90.0	0	0	0.0	0.0	0.0	0.0
4	1.000	340.7	270.0	32.0	90.0	0	0	0.0	0.0	0.0	0.0

 Call: UNK
 Freq: 830 kHz
 LORRING, ME, US
 Lat: 47-00-00 N
 Lng: 067-55-00 W
 Power: 1.0 kW
 Theo RMS: 360.49 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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	2.681	139.7	100.0	190.0	90.0	0	0	0.0	0.0	0.0	0.0
3	2.681	-79.7	200.0	190.0	90.0	0	0	0.0	0.0	0.0	0.0
4	1.000	60.0	300.0	190.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: NEW
Freq: 830 kHz
MILTON, OR, US
Lat: 45-56-00 N
Lng: 118-23-00 W
Power: 1.0 kW
Theo RMS: 303.44 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	120.0	0	0	0.0	0.0	0.0	0.0
2	1.350	15.0	150.0	85.0	120.0	0	0	0.0	0.0	0.0	0.0
3	0.730	7.0	300.0	85.0	120.0	0	0	0.0	0.0	0.0	0.0
4	0.240	0.0	450.0	85.0	120.0	0	0	0.0	0.0	0.0	0.0

Call: NEW
Freq: 830 kHz
CORPUS CHRISTI, TX, US
Lat: 27-47-00 N
Lng: 097-24-00 W
Power: 1.0 kW
Theo RMS: 319.13 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)
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Nighttime Stations Studied - Rough.txt

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1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	1.990	99.7	90.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0
3	1.000	199.4	180.0	10.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: CKKY/O
Freq: 830 kHz
WAINWRIGHT, AB, CA
Lat: 52-48-59 N
Lng: 110-45-33 W
Power: 3.5 kW
Theo RMS: 555.00 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
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1	0.660	95.0	0.0	0.0	60.7	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	90.0	333.0	60.7	0	0	0.0	0.0	0.0	0.0
3	0.340	-94.0	180.0	333.0	60.7	0	0	0.0	0.0	0.0	0.0

Call: NEW/
Freq: 830 kHz
HAZLETON, BC, CA
Lat: 55-13-00 N
Lng: 127-32-00 W
Power: 10.0 kW
Theo RMS: 895.91 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
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1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	1.000	351.2	180.0	307.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: NEW/

Nighttime Stations Studied - Rough.txt

Freq: 830 kHz
 NORTH BATTLEFORD, SA, CA
 Lat: 52-40-00 N
 Lng: 108-13-00 W
 Power: 1.0 kW
 Theo RMS: 312.08 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	90.0	0	0	0.0	0.0	0.0	0.0
2	1.000	257.5	90.0	335.5	90.0	0	0	0.0	0.0	0.0	0.0

 Call: YNMJ-B
 Freq: 800 kHz
 RADIO AMOR, NU
 Lat: 12-06-00 N
 Lng: 086-17-00 W
 Power: 1.0 kW
 Theo RMS: 309.50 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	58.0	0	0	0.0	0.0	0.0	0.0

 Call: HOL 60-B
 Freq: 800 kHz
 RAD EXIT CEN, PM
 Lat: 08-58-00 N
 Lng: 079-31-00 W
 Power: 5.0 kW
 Theo RMS: 309.47 mV/m @ 1km

Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
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Nighttime Stations Studied - Rough.txt

#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0

 Call: YVTB-B
 Freq: 800 kHz
 MARACAIBO 5, VE
 Lat: 10-40-00 N
 Lng: 071-40-00 W
 Power: 50.0 kW
 Theo RMS: 309.58 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: C6B3-B
 Freq: 810 kHz
 FREEPORT, BF
 Lat: 26-32-00 N
 Lng: 078-45-00 W
 Power: 1.0 kW
 Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: HJCY-B
 Freq: 810 kHz
 BOGOTA 22, CO
 Lat: 04-40-00 N
 Lng: 074-11-00 W

Nighttime Stations Studied - Rough.txt

Power: 250.0 kW

Theo RMS: 390.90 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	189.0	0	0	0.0	0.0	0.0	0.0

Call: CMMB-D

Freq: 810 kHz

GUANTANAMO, CU

Lat: 20-09-00 N

Lng: 075-10-00 W

Power: 10.0 kW

Theo RMS: 279.86 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	115.0	0	0	0.0	0.0	0.0	0.0

Call: HCVT2-A

Freq: 810 kHz

ATALAYA, EC

Lat: 02-09-20 S

Lng: 079-34-04 W

Power: 1.0 kW

Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: HCDE2-B

Nighttime Stations Studied - Rough.txt

Freq: 810 kHz
 GUAYAQUIL, EC
 Lat: 02-12-00 S
 Lng: 079-53-00 W
 Power: 10.0 kW
 Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: HCFU1-B
 Freq: 810 kHz
 QUITO 3, EC
 Lat: 00-11-00 S
 Lng: 078-30-00 W
 Power: 1.0 kW
 Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: TGMM-B
 Freq: 810 kHz
 RADIOMOPAN, GT
 Lat: 17-03-00 N
 Lng: 089-10-00 W
 Power: 10.0 kW
 Theo RMS: 309.46 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)
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Nighttime Stations Studied - Rough.txt

1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
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Call: HRLP 24-B
Freq: 810 kHz
CHOLUTECA 4, HO
Lat: 13-17-00 N
Lng: 087-18-00 W
Power: 1.0 kW
Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: HOG-B
Freq: 810 kHz
RADIO MUNDIA, PM
Lat: 08-59-15 N
Lng: 079-32-22 W
Power: 1.0 kW
Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: YSAX-D
Freq: 810 kHz
SAN SALVADOR, ES
Lat: 13-43-00 N
Lng: 089-12-00 W
Power: 10.0 kW

Nighttime Stations Studied - Rough.txt

Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: YSFA-B

Freq: 810 kHz

SAN VICENTE, ES

Lat: 13-37-00 N

Lng: 088-48-00 W

Power: 1.0 kW

Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: YVLP-B

Freq: 810 kHz

VALENCIA 1, VE

Lat: 10-10-00 N

Lng: 068-00-00 W

Power: 50.0 kW

Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: ZYH-294-A

Freq: 820 kHz

Nighttime Stations Studied - Rough.txt

MANACAPURU, BR

Lat: 03-17-00 S

Lng: 060-37-00 W

Power: 0.25 kW

Theo RMS: 309.40 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	71.0	0	0	0.0	0.0	0.0	0.0

Call: UNK-A

Freq: 820 kHz

PAUINI, BR

Lat: 07-43-00 S

Lng: 066-59-00 W

Power: 0.25 kW

Theo RMS: 276.86 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	71.8	0	0	0.0	0.0	0.0	0.0

Call: ZYI-541-A

Freq: 820 kHz

SANTAREM, BR

Lat: 02-25-00 S

Lng: 054-43-00 W

Power: 10.0 kW

Theo RMS: 309.46 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)
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Nighttime Stations Studied - Rough.txt

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1      1.000      0.0      0.0      0.0      101.0      0      0      0.0      0.0      0.0      0.0
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Call: UNK-A
Freq: 820 kHz
TARAUACA, BR
Lat: 08-10-00 S
Lng: 070-46-00 W
Power: 0.25 kW
Theo RMS: 276.86 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	71.8	0	0	0.0	0.0	0.0	0.0

Call: UNK-A
Freq: 820 kHz
XAPURI, BR
Lat: 10-39-00 S
Lng: 068-30-00 W
Power: 0.25 kW
Theo RMS: 276.86 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	71.8	0	0	0.0	0.0	0.0	0.0

Call: HJED-A
Freq: 820 kHz
CALI 12, CO
Lat: 03-29-00 N
Lng: 076-33-00 W
Power: 25.0 kW
Theo RMS: 309.46 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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	81.0	0	0	0.0	0.0	0.0	0.0

 Call: TIGC-A
 Freq: 820 kHz
 S JOSE 8, CS
 Lat: 09-58-00 N
 Lng: 084-05-00 W
 Power: 1.0 kW
 Theo RMS: 288.60 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: CMBU-D
 Freq: 820 kHz
 C HABANA, CU
 Lat: 23-04-00 N
 Lng: 082-23-00 W
 Power: 10.0 kW
 Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: CMIB-D
 Freq: 820 kHz
 CIEGO DE AVI, CU

Nighttime Stations Studied - Rough.txt

Lat: 21-52-00 N
 Lng: 078-44-00 W
 Power: 10.0 kW
 Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: CMNB-D
 Freq: 820 kHz
 MANZANILLO, CU
 Lat: 20-20-00 N
 Lng: 077-08-00 W
 Power: 1.0 kW
 Theo RMS: 288.60 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: CMJB-D
 Freq: 820 kHz
 STGO DE CUBA, CU
 Lat: 20-01-00 N
 Lng: 075-48-00 W
 Power: 1.0 kW
 Theo RMS: 288.60 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	90.0	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

 Call: HIAZ-C
 Freq: 820 kHz
 SANTIAGO 7, DR
 Lat: 19-27-00 N
 Lng: 070-41-00 W
 Power: 1.0 kW
 Theo RMS: 288.60 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	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

 Call: HCRF4-A
 Freq: 820 kHz
 CANAL MANABI, EC
 Lat: 01-04-00 S
 Lng: 080-25-00 W
 Power: 1.0 kW
 Theo RMS: 309.50 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	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

 Call: HCFB1-A
 Freq: 820 kHz
 MONUMENTAL, EC
 Lat: 00-19-00 S
 Lng: 079-09-00 W
 Power: 1.0 kW
 Theo RMS: 309.50 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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

 Call: HCCR1-A
 Freq: 820 kHz
 OTAVALO, EC
 Lat: 00-12-26 N
 Lng: 078-11-05 W
 Power: 3.0 kW
 Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: TGTO-B
 Freq: 820 kHz
 INTERNACIONA, GT
 Lat: 14-38-00 N
 Lng: 090-37-00 W
 Power: 5.0 kW
 Theo RMS: 309.47 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: HRLP 16-B
 Freq: 820 kHz
 TEGUCIGALPA, HO
 Lat: 14-04-00 N

Nighttime Stations Studied - Rough.txt

Lng: 087-14-00 W

Power: 1.0 kW

Theo RMS: 308.00 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: 4VRD-B

Freq: 820 kHz

LES CAYES, HA

Lat: 18-11-00 N

Lng: 073-44-00 W

Power: 10.0 kW

Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: OAX40-A

Freq: 820 kHz

LIBERTAD 1, PE

Lat: 12-02-00 S

Lng: 076-59-00 W

Power: 10.0 kW

Theo RMS: 308.51 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	88.0	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

Call: UNK-B
 Freq: 820 kHz
 CONAREE, SC
 Lat: 17-19-00 N
 Lng: 062-42-30 W
 Power: 100.0 kW
 Theo RMS: 309.46 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	93.0	0	0	0.0	0.0	0.0	0.0

Call: UNK-A
 Freq: 820 kHz
 LIVORNO, NS
 Lat: 05-45-00 N
 Lng: 055-07-00 W
 Power: 1.0 kW
 Theo RMS: 288.60 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	94.0	0	0	0.0	0.0	0.0	0.0

Call: YVSH-A
 Freq: 820 kHz
 UPATA, VE
 Lat: 08-01-00 N
 Lng: 062-20-00 W
 Power: 10.0 kW
 Theo RMS: 309.49 mV/m @ 1km

Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
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Nighttime Stations Studied - Rough.txt

#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0

 Call: UNK-A
 Freq: 830 kHz
 SOURE, BR
 Lat: 00-42-00 S
 Lng: 048-32-00 W
 Power: 0.25 kW
 Theo RMS: 309.40 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	72.0	0	0	0.0	0.0	0.0	0.0

 Call: UNK-B
 Freq: 830 kHz
 BELIZE CITY, BH
 Lat: 17-30-00 N
 Lng: 088-12-00 W
 Power: 50.0 kW
 Theo RMS: 309.46 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	92.0	0	0	0.0	0.0	0.0	0.0

 Call: HJDM-A
 Freq: 830 kHz
 MEDELLIN 7, CO
 Lat: 06-14-00 N
 Lng: 075-35-00 W

Nighttime Stations Studied - Rough.txt

Power: 5.0 kW

Theo RMS: 309.34 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	81.0	0	0	0.0	0.0	0.0	0.0

Call: CMFB-D

Freq: 830 kHz

CIENFUEGOS, CU

Lat: 22-09-00 N

Lng: 080-26-00 W

Power: 1.0 kW

Theo RMS: 317.30 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	91.0	0	0	0.0	0.0	0.0	0.0

Call: HIJB-D

Freq: 830 kHz

S DOMINGO 10, DR

Lat: 18-34-00 N

Lng: 069-54-00 W

Power: 2.5 kW

Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: HCRN2-A

Nighttime Stations Studied - Rough.txt

Freq: 830 kHz
 GUAYAQUIL, EC
 Lat: 02-12-00 S
 Lng: 079-53-00 W
 Power: 10.0 kW
 Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: HCBP5-A
 Freq: 830 kHz
 PROMOCION, EC
 Lat: 01-34-13 S
 Lng: 078-41-28 W
 Power: 1.0 kW
 Theo RMS: 309.50 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: HCRN2-A
 Freq: 830 kHz
 QUITO 3, EC
 Lat: 00-11-00 S
 Lng: 078-30-00 W
 Power: 10.0 kW
 Theo RMS: 309.46 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)
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Nighttime Stations Studied - Rough.txt

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1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: TGAX-B
Freq: 830 kHz
SATELITE, GT
Lat: 14-32-00 N
Lng: 091-30-00 W
Power: 5.0 kW
Theo RMS: 309.47 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
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1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: HRVQ-B
Freq: 830 kHz
JUTICALPA 3, HO
Lat: 14-41-00 N
Lng: 086-14-00 W
Power: 1.0 kW
Theo RMS: 317.30 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: HRXS-A
Freq: 830 kHz
S PEDRO SULA, HO
Lat: 15-30-00 N
Lng: 088-02-00 W
Power: 2.0 kW

Nighttime Stations Studied - Rough.txt

Theo RMS: 309.43 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: HOB 56-B

Freq: 830 kHz

RAD PENINSUL, PM

Lat: 07-44-15 N

Lng: 080-34-00 W

Power: 5.0 kW

Theo RMS: 309.47 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: OAX3S-A

Freq: 830 kHz

CASMA, PE

Lat: 09-30-00 S

Lng: 078-20-00 W

Power: 1.0 kW

Theo RMS: 317.30 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: YSPX-B

Freq: 830 kHz

Nighttime Stations Studied - Rough.txt

SAN MIGUEL, ES

Lat: 13-29-00 N

Lng: 088-11-00 W

Power: 4.0 kW

Theo RMS: 309.45 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: YVLT-A

Freq: 830 kHz

SAN ANTONIO, VE

Lat: 10-24-00 N

Lng: 066-56-00 W

Power: 50.0 kW

Theo RMS: 309.46 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XEBI/A

Freq: 790 kHz

AGUASCALIENTES, AG, MX

Lat: 21-53-04 N

Lng: 102-19-56 W

Power: 2.0 kW

Theo RMS: 297.93 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)
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Nighttime Stations Studied - Rough.txt

1	1.000	0.0	0.0	0.0	85.3	0	0	0.0	0.0	0.0	0.0
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Call: XENT/O

Freq: 790 kHz

LA PAZ, BS, MX

Lat: 24-09-50 N

Lng: 110-18-56 W

Power: 0.75 kW

Theo RMS: 309.82 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XE/O

Freq: 790 kHz

SAN IGNACIO, BS, MX

Lat: 27-18-28 N

Lng: 112-46-36 W

Power: 0.25 kW

Theo RMS: 305.78 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XERPC/O

Freq: 790 kHz

CHIHUAHUA, CH, MX

Lat: 28-36-38 N

Lng: 106-02-58 W

Power: 0.4 kW

Theo RMS: 328.75 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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	87.2	0	0	0.0	0.0	0.0	0.0

Call: XENVA2/O
Freq: 790 kHz
JANOS, CH, MX
Lat: 30-54-22 N
Lng: 108-11-01 W
Power: 0.5 kW
Theo RMS: 245.90 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	52.1	0	0	0.0	0.0	0.0	0.0

Call: XERC/A
Freq: 790 kHz
GRANJAS MEXICO, DF, MX
Lat: 19-23-49 N
Lng: 099-06-06 W
Power: 1.0 kW
Theo RMS: 274.45 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	87.2	0	0	0.0	0.0	0.0	0.0

Call: XEGZ/A
Freq: 790 kHz
GOMEZ PALACIO, DU, MX

Nighttime Stations Studied - Rough.txt

Lat: 25-34-00 N
 Lng: 103-28-00 W
 Power: 0.25 kW
 Theo RMS: 279.84 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	88.2	0	0	0.0	0.0	0.0	0.0

 Call: XECAP/A
 Freq: 790 kHz
 ZACAPU, MC, MX
 Lat: 19-49-50 N
 Lng: 101-52-30 W
 Power: 1.0 kW
 Theo RMS: 282.32 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	63.0	0	0	0.0	0.0	0.0	0.0

 Call: XELN/A
 Freq: 790 kHz
 LINARES, NL, MX
 Lat: 24-52-12 N
 Lng: 099-33-22 W
 Power: 0.25 kW
 Theo RMS: 279.78 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	85.3	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

Call: XEFE/O
Freq: 790 kHz
NUEVO LAREDO, TA, MX
Lat: 27-27-26 N
Lng: 099-29-13 W
Power: 0.5 kW
Theo RMS: 437.01 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	74.0	0	0	0.0	0.0	0.0	0.0

Call: XEVA/A
Freq: 790 kHz
VILLAHERMOSA, TB, MX
Lat: 18-00-21 N
Lng: 092-54-36 W
Power: 1.0 kW
Theo RMS: 298.52 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swrch	TL Swrch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	93.9	0	0	0.0	0.0	0.0	0.0

Call: XECOV/A
Freq: 790 kHz
COATZINTLA, VC, MX
Lat: 20-32-17 N
Lng: 097-28-09 W
Power: 0.5 kW
Theo RMS: 257.17 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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	68.3	0	0	0.0	0.0	0.0	0.0

 Call: XEUP2/A
 Freq: 790 kHz
 TIZIMIN, YC, MX
 Lat: 21-08-46 N
 Lng: 088-07-08 W
 Power: 1.0 kW
 Theo RMS: 305.58 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	90.1	0	0	0.0	0.0	0.0	0.0

 Call: XEMMM/O
 Freq: 800 kHz
 TIJUANA, BN, MX
 Lat: 32-30-48 N
 Lng: 117-00-47 W
 Power: 0.25 kW
 Theo RMS: 262.54 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	62.4	0	0	0.0	0.0	0.0	0.0

 Call: XEROK/O
 Freq: 800 kHz
 CD.JUAREZ, CH, MX
 Lat: 31-41-39 N

Nighttime Stations Studied - Rough.txt

Lng: 106-22-40 W

Power: 150.0 kW

Theo RMS: 369.02 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	140.8	0	0	0.0	0.0	0.0	0.0

Call: XEUI2/A

Freq: 800 kHz

COMITAN, CS, MX

Lat: 16-11-21 N

Lng: 092-05-56 W

Power: 1.0 kW

Theo RMS: 273.33 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	69.1	0	0	0.0	0.0	0.0	0.0

Call: XEGX/A

Freq: 800 kHz

SAN LUIS DE LA PAZ, GT, MX

Lat: 21-13-33 N

Lng: 100-29-35 W

Power: 1.0 kW

Theo RMS: 292.58 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	89.3	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

Call: XEAN/A
 Freq: 800 kHz
 OCOTLAN, JA, MX
 Lat: 20-21-54 N
 Lng: 102-50-02 W
 Power: 0.1 kW
 Theo RMS: 284.67 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	76.8	0	0	0.0	0.0	0.0	0.0

Call: XENVA2/O
 Freq: 810 kHz
 NUEVO CASAS GRANDES, CH, MX
 Lat: 30-21-55 N
 Lng: 107-58-42 W
 Power: 0.5 kW
 Theo RMS: 305.53 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XEIM/O
 Freq: 810 kHz
 SALTILLO, CI, MX
 Lat: 25-27-58 N
 Lng: 101-00-10 W
 Power: 0.5 kW
 Theo RMS: 278.77 mV/m @ 1km

Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
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Nighttime Stations Studied - Rough.txt

#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
1	1.000	0.0	0.0	0.0	72.9	0	0	0.0	0.0	0.0	0.0

Call: XEMAX1/O

Freq: 810 kHz

ARMERIA, CL, MX

Lat: 18-56-13 N

Lng: 103-56-57 W

Power: 0.25 kW

Theo RMS: 281.60 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	87.5	0	0	0.0	0.0	0.0	0.0

Call: XEIN/A

Freq: 810 kHz

CINTALAPA, CS, MX

Lat: 16-41-25 N

Lng: 093-42-33 W

Power: 0.25 kW

Theo RMS: 283.06 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	106.0	0	0	0.0	0.0	0.0	0.0

Call: XEOE/A

Freq: 810 kHz

TAPACHULA, CS, MX

Lat: 14-53-39 N

Lng: 092-14-49 W

Nighttime Stations Studied - Rough.txt

Power: 1.0 kW

Theo RMS: 309.28 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	107.9	0	0	0.0	0.0	0.0	0.0

Call: XEAGR/A

Freq: 810 kHz

ACAPULCO, GR, MX

Lat: 16-49-42 N

Lng: 099-51-22 W

Power: 0.1 kW

Theo RMS: 274.11 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	70.0	0	0	0.0	0.0	0.0	0.0

Call: XEYM/O

Freq: 810 kHz

MORELIA, MC, MX

Lat: 19-42-16 N

Lng: 101-11-30 W

Power: 1.0 kW

Theo RMS: 287.65 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	81.7	0	0	0.0	0.0	0.0	0.0

Call: XEUX/A

Nighttime Stations Studied - Rough.txt

Freq: 810 kHz
TUXPAN, NA, MX
Lat: 21-55-00 N
Lng: 105-15-22 W
Power: 0.25 kW
Theo RMS: 283.78 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	88.5	0	0	0.0	0.0	0.0	0.0

Call: XERB1/O
Freq: 810 kHz
COZUMEL, QR, MX
Lat: 20-28-22 N
Lng: 086-53-54 W
Power: 0.5 kW
Theo RMS: 301.00 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	87.5	0	0	0.0	0.0	0.0	0.0

Call: XE/O
Freq: 810 kHz
FELIPE CARRILLO PUER, QR, MX
Lat: 19-38-27 N
Lng: 088-04-00 W
Power: 0.5 kW
Theo RMS: 280.23 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)
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Nighttime Stations Studied - Rough.txt

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1	1.000	0.0	0.0	0.0	71.9	0	0	0.0	0.0	0.0	0.0

Call: XERSV1/A
 Freq: 810 kHz
 CD.OBREGON, SO, MX
 Lat: 27-30-50 N
 Lng: 109-56-08 W
 Power: 0.25 kW
 Theo RMS: 159.95 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)

1	1.000	0.0	0.0	0.0	87.5	0	0	0.0	0.0	0.0	0.0
2	0.500	90.0	90.0	325.0	87.5	0	0	0.0	0.0	0.0	0.0
3	0.500	-90.0	90.0	145.0	87.5	0	0	0.0	0.0	0.0	0.0

Call: XENVA2/O
 Freq: 810 kHz
 NOGALES, SO, MX
 Lat: 31-19-00 N
 Lng: 110-58-00 W
 Power: 0.5 kW
 Theo RMS: 305.53 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)

1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: XENVA2/O
 Freq: 810 kHz
 SAN LUIS RIO COLORAD, SO, MX
 Lat: 32-28-48 N

Nighttime Stations Studied - Rough.txt

Lng: 114-46-24 W

Power: 0.5 kW

Theo RMS: 305.53 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XERI/O

Freq: 810 kHz

REYNOSA, TA, MX

Lat: 26-04-15 N

Lng: 098-15-28 W

Power: 0.1 kW

Theo RMS: 303.86 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	89.4	0	0	0.0	0.0	0.0	0.0

Call: XEFW1/O

Freq: 810 kHz

TAMPICO, TA, MX

Lat: 22-13-05 N

Lng: 097-51-07 W

Power: 50.0 kW

Theo RMS: 1567.50 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	74.9	0	0	0.0	0.0	0.0	0.0
2	1.000	114.0	90.0	350.0	74.9	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

 Call: XEHT1/O
 Freq: 810 kHz
 HUAMANTLA, TL, MX
 Lat: 19-17-09 N
 Lng: 097-54-53 W
 Power: 1.0 kW
 Theo RMS: 301.00 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	87.5	0	0	0.0	0.0	0.0	0.0

 Call: XEMQ1/O
 Freq: 810 kHz
 MERIDA, YC, MX
 Lat: 21-01-23 N
 Lng: 089-33-48 W
 Power: 0.25 kW
 Theo RMS: 297.78 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	88.5	0	0	0.0	0.0	0.0	0.0

 Call: XEZC/O
 Freq: 810 kHz
 RIO GRANDE, ZA, MX
 Lat: 23-49-46 N
 Lng: 103-02-17 W
 Power: 0.5 kW
 Theo RMS: 281.36 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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

Call: XEVMS/O
Freq: 820 kHz
MEXICALI, BN, MX
Lat: 32-37-40 N
Lng: 115-34-48 W
Power: 0.5 kW
Theo RMS: 284.65 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	76.8	0	0	0.0	0.0	0.0	0.0

Call: XENVA2/O
Freq: 820 kHz
CAJONCITOS, CH, MX
Lat: 30-50-55 N
Lng: 105-30-00 W
Power: 0.1 kW
Theo RMS: 305.54 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XENVA2/O
Freq: 820 kHz
OJINAGA, CH, MX
Lat: 29-33-18 N

Nighttime Stations Studied - Rough.txt

Lng: 104-24-07 W

Power: 0.25 kW

Theo RMS: 305.56 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XESB/O

Freq: 820 kHz

SANTA BARBARA, CH, MX

Lat: 26-48-50 N

Lng: 105-48-40 W

Power: 0.25 kW

Theo RMS: 291.84 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	71.8	0	0	0.0	0.0	0.0	0.0

Call: XENVA2/O

Freq: 820 kHz

ALTARES, CI, MX

Lat: 28-51-01 N

Lng: 103-21-25 W

Power: 0.1 kW

Theo RMS: 305.54 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	90.0	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

Call: XEESC/O
 Freq: 820 kHz
 FRANCISCO ESCARCEGA, CM, MX
 Lat: 18-36-55 N
 Lng: 090-43-23 W
 Power: 1.0 kW
 Theo RMS: 305.52 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XEDRD2/O
 Freq: 820 kHz
 DURANGO, DU, MX
 Lat: 24-03-04 N
 Lng: 104-37-39 W
 Power: 0.5 kW
 Theo RMS: 323.35 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	89.6	0	0	0.0	0.0	0.0	0.0

Call: XEPK1/O
 Freq: 820 kHz
 PACHUCA, HG, MX
 Lat: 20-07-22 N
 Lng: 098-44-05 W
 Power: 0.5 kW
 Theo RMS: 211.48 mV/m @ 1km

Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
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Nighttime Stations Studied - Rough.txt

#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
1	1.000	0.0	0.0	0.0	44.3	0	0	0.0	0.0	0.0	0.0

 Call: XEBA/O
 Freq: 820 kHz
 GUADALAJARA, JA, MX
 Lat: 20-42-41 N
 Lng: 103-18-15 W
 Power: 1.0 kW
 Theo RMS: 293.16 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	86.6	0	0	0.0	0.0	0.0	0.0

 Call: XEYN/O
 Freq: 820 kHz
 OAXACA, OA, MX
 Lat: 17-03-46 N
 Lng: 096-42-21 W
 Power: 0.5 kW
 Theo RMS: 304.42 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	129.4	0	0	0.0	0.0	0.0	0.0

 Call: XEUDO/O
 Freq: 820 kHz
 LOS MOCHIS, SI, MX
 Lat: 25-48-51 N
 Lng: 108-57-47 W

Nighttime Stations Studied - Rough.txt

Power: 0.25 kW

Theo RMS: 304.32 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XENVA2/O

Freq: 820 kHz

AGUA PRIETA, SO, MX

Lat: 31-19-42 N

Lng: 109-33-44 W

Power: 0.1 kW

Theo RMS: 305.54 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XENVA2/O

Freq: 820 kHz

SONOITA, SO, MX

Lat: 31-50-05 N

Lng: 112-45-55 W

Power: 0.1 kW

Theo RMS: 305.54 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XEZQ1/O

Nighttime Stations Studied - Rough.txt

Freq: 820 kHz
 CUNDUACAN, TB, MX
 Lat: 17-58-34 N
 Lng: 093-05-53 W
 Power: 0.25 kW
 Theo RMS: 304.32 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	90.0	0	0	0.0	0.0	0.0	0.0

 Call: XEKG/O
 Freq: 820 kHz
 FORTIN DE LAS FLORES, VC, MX
 Lat: 18-54-27 N
 Lng: 096-58-27 W
 Power: 0.1 kW
 Theo RMS: 304.21 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	90.5	0	0	0.0	0.0	0.0	0.0

 Call: XENVA2/O
 Freq: 830 kHz
 SAN FELIPE, BN, MX
 Lat: 31-03-48 N
 Lng: 114-50-10 W
 Power: 0.1 kW
 Theo RMS: 305.44 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)
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Nighttime Stations Studied - Rough.txt

1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
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Call: XENVA2/O

Freq: 830 kHz

CD.JUAREZ, CH, MX

Lat: 31-44-15 N

Lng: 106-29-08 W

Power: 0.5 kW

Theo RMS: 305.47 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XENVA2/O

Freq: 830 kHz

MANUEL BENAVIDES, CH, MX

Lat: 29-10-02 N

Lng: 104-15-03 W

Power: 0.1 kW

Theo RMS: 306.36 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XELA/O

Freq: 830 kHz

LA MAGDALENA ATLAZOL, DF, MX

Lat: 19-22-26 N

Lng: 099-06-31 W

Power: 5.0 kW

Nighttime Stations Studied - Rough.txt

Theo RMS: 273.77 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	89.7	0	0	0.0	0.0	0.0	0.0

Call: XELN/O

Freq: 830 kHz

LINARES, NL, MX

Lat: 24-52-21 N

Lng: 099-33-22 W

Power: 0.25 kW

Theo RMS: 294.40 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	89.7	0	0	0.0	0.0	0.0	0.0

Call: XE/O

Freq: 830 kHz

SAN DIEGO, PU, MX

Lat: 20-26-30 N

Lng: 097-41-54 W

Power: 0.25 kW

Theo RMS: 281.18 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	72.0	0	0	0.0	0.0	0.0	0.0

Call: XEVQ1/O

Freq: 830 kHz

Nighttime Stations Studied - Rough.txt

CULIACAN, SI, MX

Lat: 24-49-56 N

Lng: 107-24-17 W

Power: 1.0 kW

Theo RMS: 286.24 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	89.7	0	0	0.0	0.0	0.0	0.0

Call: XEDR1/O

Freq: 830 kHz

GUAYMAS, SO, MX

Lat: 27-54-58 N

Lng: 110-56-00 W

Power: 0.25 kW

Theo RMS: 305.46 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: XEDQ1/A

Freq: 830 kHz

SAN ANDRES TUXTLA, VC, MX

Lat: 18-25-17 N

Lng: 095-12-23 W

Power: 0.15 kW

Theo RMS: 305.48 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)
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Nighttime Stations Studied - Rough.txt

1 1.000 0.0 0.0 0.0 90.0 0 0 0.0 0.0 0.0 0.0

Call: XELK/O

Freq: 830 kHz

ZACATECAS, ZA, MX

Lat: 22-46-18 N

Lng: 102-37-35 W

Power: 0.5 kW

Theo RMS: 356.54 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	126.3	0	0	0.0	0.0	0.0	0.0

Call: KGMI

Freq: 790 kHz

BELLINGHAM, WA, US

Lat: 48-43-09 N

Lng: 122-26-43 W

Power: 1.0 kW

Theo RMS: 303.52 mV/m @ 1km

of Augmentations: 4

#	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	86.7	0	0	0.0	0.0	0.0	0.0
2	1.000	20.0	135.0	105.0	86.7	0	0	0.0	0.0	0.0	0.0

Call: WHB

Freq: 810 kHz

KANSAS CITY, MO, US

Lat: 39-18-21 N

Lng: 094-34-30 W

Nighttime Stations Studied - Rough.txt

Power: 5.0 kW

Theo RMS: 638.91 mV/m @ 1km

of Augmentations: 1

#	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	88.9	0	0	0.0	0.0	0.0	0.0
2	2.360	-4.3	150.0	250.0	88.9	0	0	0.0	0.0	0.0	0.0
3	3.720	-1.9	300.0	250.0	88.9	0	0	0.0	0.0	0.0	0.0
4	3.500	-25.3	458.8	254.0	88.9	0	0	0.0	0.0	0.0	0.0
5	1.310	-84.7	600.2	258.6	88.9	0	0	0.0	0.0	0.0	0.0

Call: WQXI

Freq: 790 kHz

ATLANTA, GA, US

Lat: 33-48-42 N

Lng: 084-21-13 W

Power: 1.0 kW

Theo RMS: 306.58 mV/m @ 1km

of Augmentations: 5

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.930	-147.0	0.0	0.0	71.0	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	90.0	354.0	71.0	0	0	0.0	0.0	0.0	0.0
3	0.587	21.3	90.0	251.5	71.0	0	0	0.0	0.0	0.0	0.0
4	0.632	168.3	90.0	354.0	71.0	1	0	0.0	0.0	0.0	0.0

Call: WMGC

Freq: 810 kHz

MURFREESBORO, TN, US

Lat: 35-50-14 N

Lng: 086-25-00 W

Nighttime Stations Studied - Rough.txt

Power: 0.006 kW

Theo RMS: 283.24 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	74.1	0	0	-999.0	-999.0	-999.0	-999.0

Call: NEW

Freq: 830 kHz

NORCROSS, GA, US

Lat: 33-56-00 N

Lng: 084-14-26 W

Power: 3.8 kW

Theo RMS: 562.16 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	0.643	109.5	0.0	0.0	80.0	0	0	0.0	0.0	0.0	0.0
2	0.996	116.0	200.1	288.4	80.0	0	0	0.0	0.0	0.0	0.0
3	0.749	111.3	423.8	289.4	80.0	0	0	0.0	0.0	0.0	0.0
4	0.687	10.1	413.3	279.1	80.0	0	0	0.0	0.0	0.0	0.0
5	1.000	0.0	212.4	270.8	80.0	0	0	0.0	0.0	0.0	0.0
6	0.733	6.2	72.8	178.4	80.0	0	0	0.0	0.0	0.0	0.0

Call: NEW

Freq: 830 kHz

SANDY SPRINGS, GA, US

Lat: 34-01-47 N

Lng: 084-20-23 W

Power: 3.7 kW

Theo RMS: 555.62 mV/m @ 1km

Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
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Nighttime Stations Studied - Rough.txt

#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
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1	0.656	-7.2	0.0	0.0	80.0	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	200.0	288.5	80.0	0	0	0.0	0.0	0.0	0.0
3	0.758	-3.6	424.3	289.4	80.0	0	0	0.0	0.0	0.0	0.0
4	0.691	-105.4	413.3	279.1	80.0	0	0	0.0	0.0	0.0	0.0
5	0.993	-116.4	212.3	270.8	80.0	0	0	0.0	0.0	0.0	0.0
6	0.738	-110.6	72.6	178.3	80.0	0	0	0.0	0.0	0.0	0.0

Call: NEW
Freq: 830 kHz
BREMEN, GA, US
Lat: 33-42-56 N
Lng: 085-09-34 W
Power: 0.4 kW
Theo RMS: 189.30 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1	1.000	0.0	0.0	0.0	0.0	0	1	59.3	10.0	0.0	0.0
2	0.960	-129.0	60.5	165.5	0.0	0	1	59.3	10.0	0.0	0.0

Call: NEW
Freq: 830 kHz
BUNNELL, FL, US
Lat: 29-26-55 N
Lng: 081-17-55 W
Power: 0.25 kW
Theo RMS: 157.05 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
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Nighttime Stations Studied - Rough.txt

1	0.889	186.3	0.0	0.0	59.5	0	0	0.0	0.0	0.0	0.0
2	0.637	222.2	80.0	329.2	59.5	0	0	0.0	0.0	0.0	0.0
3	1.000	0.0	130.0	263.5	59.5	0	0	0.0	0.0	0.0	0.0

Call: NEW

Freq: 830 kHz

CHARLESTON, SC, US

Lat: 32-45-08 N

Lng: 080-04-33 W

Power: 1.0 kW

Theo RMS: 328.50 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	90.0	0	0	0.0	0.0	0.0	0.0
2	1.840	-137.8	75.0	90.0	90.0	0	0	0.0	0.0	0.0	0.0
3	1.000	-275.6	150.0	90.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: NEW

Freq: 830 kHz

DUNWOODY, GA, US

Lat: 33-57-16 N

Lng: 084-23-58 W

Power: 1.0 kW

Theo RMS: 282.62 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	303.0	54.7	0	0	0.0	0.0	0.0	0.0
2	1.921	143.9	90.0	303.0	54.7	0	0	0.0	0.0	0.0	0.0
3	1.921	-58.6	180.0	303.0	54.7	0	0	0.0	0.0	0.0	0.0
4	1.000	85.3	270.0	303.0	54.7	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

Call: NEW
 Freq: 790 kHz
 WINCHESTER, NV, US
 Lat: 36-11-25 N
 Lng: 115-10-35 W
 Power: 0.25 kW
 Theo RMS: 160.50 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	0.550	172.0	0.0	0.0	0.0	0	1	56.4	19.6	0.0	0.0
2	1.000	0.0	90.0	334.0	0.0	0	1	56.4	19.6	0.0	0.0
3	0.550	-172.0	180.0	334.0	0.0	0	1	56.4	19.6	0.0	0.0

Call: KWSW
 Freq: 790 kHz
 EUREKA, CA, US
 Lat: 40-48-09 N
 Lng: 124-08-20 W
 Power: 0.11 kW
 Theo RMS: 292.90 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	81.0	0	0	0.0	0.0	0.0	0.0

Call: KVOM
 Freq: 800 kHz
 MORRILTON, AR, US
 Lat: 35-09-32 N
 Lng: 092-46-13 W
 Power: 0.04 kW
 Theo RMS: 296.12 mV/m @ 1km

Nighttime Stations Studied - Rough.txt

#	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	77.0	0	0	0.0	0.0	0.0	0.0

Call: KSOS
Freq: 800 kHz
BRIGHAM CITY, UT, US
Lat: 41-30-42 N
Lng: 112-01-55 W
Power: 0.03 kW
Theo RMS: 289.68 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	64.4	0	0	0.0	0.0	0.0	0.0

Call: OAZ4U-A
Freq: 800 kHz
SAN JUAN 1, PE
Lat: 11-30-00 S
Lng: 077-10-00 W
Power: 0.5 kW
Theo RMS: 309.43 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	90.0	0	0	0.0	0.0	0.0	0.0

Call: KREI
Freq: 800 kHz
FARMINGTON, MO, US

Nighttime Stations Studied - Rough.txt

Lat: 37-47-32 N
 Lng: 090-24-36 W
 Power: 0.15 kW
 Theo RMS: 282.00 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	65.0	0	0	-999.0	-999.0	-999.0	-999.0

Call: KNCO
 Freq: 830 kHz
 GRASS VALLEY, CA, US
 Lat: 39-12-54 N
 Lng: 121-00-48 W
 Power: 5.0 kW
 Theo RMS: 654.00 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	60.0	0	0	0.0	0.0	0.0	0.0
2	0.890	-131.5	60.0	277.3	60.0	0	0	0.0	0.0	0.0	0.0

Call: NEW
 Freq: 830 kHz
 ORANGE PARK, FL, US
 Lat: 30-07-56 N
 Lng: 081-50-53 W
 Power: 4.5 kW
 Theo RMS: 726.10 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)
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Nighttime Stations Studied - Rough.txt

1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	2.500	-151.7	90.0	85.0	90.0	0	0	0.0	0.0	0.0	0.0
3	2.500	55.8	180.0	85.0	90.0	0	0	0.0	0.0	0.0	0.0
4	1.000	-95.9	270.0	85.0	90.0	0	0	0.0	0.0	0.0	0.0

 Call: NEW
 Freq: 830 kHz
 UNION CITY, GA, US
 Lat: 33-34-33 N
 Lng: 084-34-22 W
 Power: 0.25 kW
 Theo RMS: 142.51 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)
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1	1.000	0.0	0.0	0.0	118.8	0	0	0.0	0.0	0.0	0.0
2	0.446	11.6	209.1	55.4	118.8	0	0	0.0	0.0	0.0	0.0
3	0.188	-169.9	94.4	355.1	118.8	0	0	0.0	0.0	0.0	0.0
4	0.619	-142.1	325.9	325.4	118.8	0	0	0.0	0.0	0.0	0.0
5	0.727	26.2	209.0	3.4	118.8	0	0	0.0	0.0	0.0	0.0

 Call: KQCV
 Freq: 800 kHz
 OKLAHOMA CITY, OK, US
 Lat: 35-24-45 N
 Lng: 097-40-26 W
 Power: 1.0 kW
 Theo RMS: 315.80 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)
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1	1.000	0.0	0.0	0.0	89.9	0	0	0.0	0.0	0.0	0.0
2	0.899	243.0	90.0	55.0	89.9	0	0	0.0	0.0	0.0	0.0

Nighttime Stations Studied - Rough.txt

 Call: NEW
 Freq: 830 kHz
 SUWANEE, GA, US
 Lat: 34-04-13 N
 Lng: 084-04-15 W
 Power: 0.49 kW
 Theo RMS: 236.40 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	91.1	0	0	0.0	0.0	0.0	0.0
2	1.079	-37.2	234.0	14.1	91.1	0	0	0.0	0.0	0.0	0.0
3	1.203	-172.8	169.0	21.8	91.1	0	0	0.0	0.0	0.0	0.0
4	0.897	-140.9	72.8	179.2	91.1	0	0	0.0	0.0	0.0	0.0

 Call: KPDQ
 Freq: 800 kHz
 PORTLAND, OR, US
 Lat: 45-28-39 N
 Lng: 122-45-01 W
 Power: 0.5 kW
 Theo RMS: 296.12 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	76.1	0	0	0.0	0.0	0.0	0.0

 Call: KSJL
 Freq: 810 kHz
 SOMERSET, TX, US
 Lat: 29-18-48 N
 Lng: 098-30-29 W

Nighttime Stations Studied - Rough.txt

Power: 0.25 kW

Theo RMS: 143.90 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	57.5	0	0	0.0	0.0	0.0	0.0
2	0.856	100.7	190.0	347.0	57.5	0	0	0.0	0.0	0.0	0.0
3	0.483	117.2	65.0	90.0	57.5	0	0	0.0	0.0	0.0	0.0

Call: WCRN

Freq: 830 kHz

WORCESTER, MA, US

Lat: 42-14-50 N

Lng: 071-55-52 W

Power: 5.0 kW

Theo RMS: 700.24 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	90.0	0	0	0.0	0.0	0.0	0.0
2	0.910	125.6	60.0	262.0	90.0	0	0	0.0	0.0	0.0	0.0

Call: KBHB

Freq: 810 kHz

STURGIS, SD, US

Lat: 44-25-24 N

Lng: 103-25-37 W

Power: 0.06 kW

Theo RMS: 305.80 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)
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Nighttime Stations Studied - Rough.txt

1 1.000 0.0 0.0 0.0 89.0 0 0 0.0 0.0 0.0 0.0

Call: XEROK/A

Freq: 800 kHz

CD JUAREZ, CI, MX

Lat: 31-44-16 N

Lng: 106-29-08 W

Power: 150.0 kW

Theo RMS: 362.03 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	146.3	0	0	-999.0	-999.0	-999.0	-999.0

Call: WMC

Freq: 790 kHz

MEMPHIS, TN, US

Lat: 35-10-07 N

Lng: 089-53-06 W

Power: 5.0 kW

Theo RMS: 655.00 mV/m @ 1km

of Augmentations: 16

#	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	185.0	0	0	0.0	0.0	0.0	0.0
2	1.300	31.3	281.8	91.5	91.0	0	0	0.0	0.0	0.0	0.0
3	1.690	-62.5	115.5	215.5	91.0	1	0	0.0	0.0	0.0	0.0
4	1.300	-93.8	115.5	215.5	91.0	0	0	0.0	0.0	0.0	0.0

Call: NEW

Freq: 790 kHz

WINCHESTER, NV, US

Nighttime Stations Studied - Rough.txt

Lat: 36-03-45 N
 Lng: 115-02-00 W
 Power: 0.25 kW
 Theo RMS: 160.50 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	0.550	172.0	0.0	0.0	0.0	0	1	56.4	19.6	0.0	0.0
2	1.000	0.0	90.0	334.0	0.0	0	1	56.4	19.6	0.0	0.0
3	0.550	-172.0	180.0	334.0	0.0	0	1	56.4	19.6	0.0	0.0

 Call: WTNC
 Freq: 790 kHz
 THOMASVILLE, NC, US
 Lat: 35-57-41 N
 Lng: 080-02-13 W
 Power: 0.026 kW
 Theo RMS: 291.80 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	113.4	0	0	0.0	0.0	0.0	0.0

 Call: NEW
 Freq: 830 kHz
 SANDY SPRINGS, GA, US
 Lat: 34-01-49 N
 Lng: 084-19-07 W
 Power: 3.7 kW
 Theo RMS: 555.62 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)
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Nighttime Stations Studied - Rough.txt

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1	0.656	-7.2	0.0	0.0	80.0	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	200.0	288.5	80.0	0	0	0.0	0.0	0.0	0.0
3	0.758	-3.6	424.3	289.4	80.0	0	0	0.0	0.0	0.0	0.0
4	0.691	-105.4	413.3	279.1	80.0	0	0	0.0	0.0	0.0	0.0
5	0.993	-116.4	212.3	270.8	80.0	0	0	0.0	0.0	0.0	0.0
6	0.738	-110.6	72.6	178.3	80.0	0	0	0.0	0.0	0.0	0.0

Call: WRMS
Freq: 790 kHz
BEARDSTOWN, IL, US
Lat: 40-00-11 N
Lng: 090-23-51 W
Power: 0.059 kW
Theo RMS: 70.21 mV/m @ 1km
of Augmentations: 8

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1	1.000	0.0	0.0	0.0	0.0	0	1	57.8	6.2	0.0	0.0
2	1.150	-130.0	60.0	252.0	0.0	0	1	57.8	6.2	0.0	0.0

Call: XEMAX/O
Freq: 810 kHz
TECOMAN, CL, MX
Lat: 18-56-06 N
Lng: 103-53-21 W
Power: 1.0 kW
Theo RMS: 273.02 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1	1.000	0.0	0.0	0.0	87.6	0	0	-999.0	-999.0	-999.0	-999.0

Nighttime Stations Studied - Rough.txt

 Call: KPLS
 Freq: 830 kHz
 ORANGE, CA, US
 Lat: 33-55-43 N
 Lng: 117-36-57 W
 Power: 20.0 kW
 Theo RMS: 1449.80 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	0.582	122.7	0.0	0.0	85.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	85.7	214.7	85.1	0	0	0.0	0.0	0.0	0.0
3	0.514	-120.4	171.3	212.7	85.1	0	0	0.0	0.0	0.0	0.0

 Call: KMUL
 Freq: 830 kHz
 FARWELL, TX, US
 Lat: 34-24-31 N
 Lng: 103-11-15 W
 Power: 0.009 kW
 Theo RMS: 281.97 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	56.2	0	0	0.0	0.0	0.0	0.0

 Call: WEEU
 Freq: 830 kHz
 READING, PA, US
 Lat: 40-30-54 N
 Lng: 076-07-24 W
 Power: 6.0 kW

Nighttime Stations Studied - Rough.txt

Theo RMS: 802.50 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	121.0	0	0	0.0	0.0	0.0	0.0
2	0.786	228.5	72.7	128.3	121.0	0	0	0.0	0.0	0.0	0.0
3	0.393	145.6	70.3	304.3	90.0	0	0	0.0	0.0	0.0	0.0
4	0.530	213.1	200.9	192.1	121.0	0	0	0.0	0.0	0.0	0.0
5	0.606	338.7	189.5	207.6	121.0	0	0	0.0	0.0	0.0	0.0

Call: KUTR

Freq: 820 kHz

TAYLORSVILLE, UT, US

Lat: 40-19-46 N

Lng: 112-04-11 W

Power: 2.5 kW

Theo RMS: 484.82 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	0.526	128.5	0.0	0.0	75.0	0	0	0.0	0.0	0.0	0.0
2	0.934	13.1	105.1	346.3	75.0	0	0	0.0	0.0	0.0	0.0
3	0.602	-124.9	179.1	349.0	75.0	0	0	0.0	0.0	0.0	0.0
4	0.620	130.9	197.6	111.9	75.0	0	0	0.0	0.0	0.0	0.0
5	1.000	0.0	173.5	83.7	75.0	0	0	0.0	0.0	0.0	0.0
6	0.584	-135.5	190.9	58.1	75.0	0	0	0.0	0.0	0.0	0.0

Call: WBCU

Freq: 820 kHz

UNION, SC, US

Lat: 34-46-52 N

Lng: 081-41-52 W

Power: 0.5 kW

Nighttime Stations Studied - Rough.txt

Theo RMS: 205.87 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	0.680	-114.1	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.415	-84.7	169.0	41.7	75.0	0	0	0.0	0.0	0.0	0.0
3	1.000	0.0	99.6	348.8	75.0	0	0	0.0	0.0	0.0	0.0
4	0.620	-39.8	125.7	249.4	75.0	0	0	0.0	0.0	0.0	0.0
5	0.560	59.3	171.9	288.9	75.0	0	0	0.0	0.0	0.0	0.0

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

#	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	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: KSWV

Freq: 810 kHz

SANTA FE, NM, US

Lat: 35-42-05 N

Lng: 105-57-58 W

Power: 0.01 kW

Theo RMS: 305.78 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)
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Nighttime Stations Studied - Rough.txt

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1	1.000	0.0	0.0	0.0	56.2	0	0	32.8	-999.0	-999.0	-999.0

Call: NEW

Freq: 790 kHz

WINCHESTER, NV, US

Lat: 36-05-27 N

Lng: 115-00-59 W

Power: 0.3 kW

Theo RMS: 175.58 mV/m @ 1km

	Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)

1	1.000	163.0	0.0	0.0	56.4	1	1	56.4	19.6	0.0	0.0
2	1.850	4.0	90.0	316.0	56.0	0	1	56.4	19.6	0.0	0.0
3	1.000	197.0	180.0	316.0	56.0	0	1	56.4	19.6	0.0	0.0
4	0.000	0.0	108.4	19.1	56.4	0	1	56.4	19.6	0.0	0.0
