

WPTK PINE ISLAND CENTER, FL BL-19860210AH 1200 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 48329
Application ID: 85704
CDBS Antenna System ID: 11468

2 Towers
0 Augmentations

Theoretical pattern RMS: 312.87

Azimuth	E _{theo}	E _{std}	E _{aug}
0	89.42	94.50	
5	110.01	116.00	
10	131.74	138.74	
15	154.38	162.45	
20	177.69	186.88	
25	201.43	211.77	
30	225.33	236.83	
35	249.14	261.81	
40	272.62	286.45	
45	295.53	310.49	
50	317.65	333.71	
55	338.81	355.91	
60	358.82	376.91	
65	377.56	396.58	
70	394.92	414.80	
75	410.82	431.50	
80	425.23	446.62	
85	438.11	460.14	
90	449.48	472.08	
95	459.37	482.45	
100	467.79	491.30	
105	474.81	498.66	
110	480.46	504.60	
115	484.80	509.16	
120	487.87	512.38	
125	489.70	514.30	
130	490.31	514.93	
135	489.70	514.30	
140	487.87	512.38	
145	484.80	509.16	
150	480.46	504.60	
155	474.81	498.66	
160	467.79	491.30	
165	459.37	482.45	
170	449.48	472.08	
175	438.11	460.14	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	425.23	446.62	
185	410.82	431.50	
190	394.92	414.80	
195	377.56	396.58	
200	358.82	376.91	
205	338.81	355.91	
210	317.65	333.71	
215	295.53	310.49	
220	272.62	286.45	
225	249.14	261.81	
230	225.33	236.83	
235	201.43	211.77	
240	177.69	186.88	
245	154.38	162.45	
250	131.74	138.74	
255	110.01	116.00	
260	89.42	94.50	
265	70.17	74.46	
270	52.47	56.13	
275	36.48	39.77	
280	22.34	25.79	
285	10.18	15.13	
290	0.09	10.71	
295	7.83	13.50	
300	13.53	17.79	
305	16.97	20.79	
310	18.12	21.83	
315	16.97	20.79	
320	13.53	17.79	
325	7.83	13.50	
330	0.09	10.71	
335	10.18	15.13	
340	22.34	25.79	
345	36.48	39.77	
350	52.47	56.13	
355	70.17	74.46	