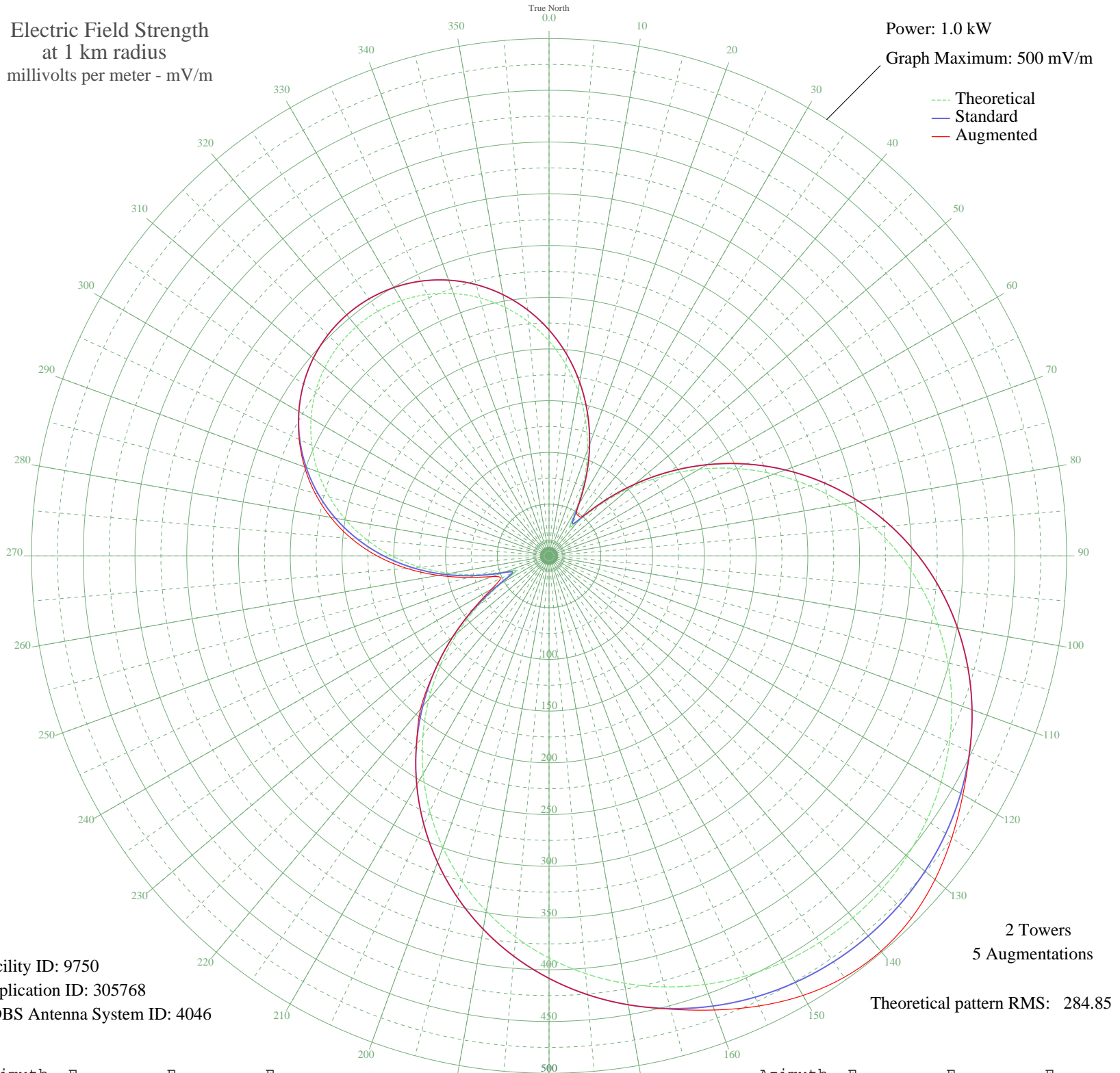


# KSYL ALEXANDRIA, LA BL-- 970 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 9750  
Application ID: 305768  
CDBS Antenna System ID: 4046

2 Towers  
5 Augmentations  
Theoretical pattern RMS: 284.85

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	207.64	218.37	218.37
5	185.88	195.55	195.55
10	161.90	170.43	170.43
15	135.97	143.29	143.29
20	108.50	114.57	114.57
25	80.24	85.13	85.13
30	53.24	57.22	57.22
35	35.34	39.06	48.30
40	43.58	47.35	49.59
45	70.13	74.64	74.64
50	101.69	107.47	107.47
55	134.55	141.80	141.80
60	167.46	176.26	176.26
65	199.78	210.12	210.12
70	231.05	242.91	242.91
75	260.92	274.24	274.24
80	289.12	303.82	303.82
85	315.42	331.41	331.41
90	339.65	356.84	356.84
95	361.69	379.97	379.97
100	381.45	400.71	400.71
105	398.89	419.01	419.01
110	414.00	434.87	434.87
115	426.77	448.28	448.35
120	437.24	459.27	461.66
125	445.43	467.87	474.98
130	451.38	474.11	486.70
135	455.11	478.02	495.09
140	456.64	479.63	498.79
145	455.99	478.94	497.19
150	453.14	475.95	490.55
155	448.08	470.64	479.96
160	440.79	462.99	467.07
165	431.24	452.96	453.59
170	419.39	440.53	440.53
175	405.21	425.65	425.65

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	388.71	408.32	408.32
185	369.87	388.55	388.55
190	348.73	366.37	366.37
195	325.37	341.85	341.85
200	299.88	315.11	315.11
205	272.41	286.29	286.29
210	243.18	255.63	255.63
215	212.43	223.39	223.39
220	180.49	189.91	193.12
225	147.75	155.62	155.62
230	114.77	121.12	121.17
235	82.46	87.44	89.30
240	53.09	57.06	64.14
245	35.08	38.81	51.79
250	44.09	47.88	58.59
255	69.08	73.56	80.37
260	97.22	102.81	108.40
265	125.13	131.96	138.15
270	151.74	159.80	166.16
275	176.54	185.77	191.53
280	199.22	209.53	214.12
285	219.57	230.87	233.99
290	237.46	249.63	251.33
295	252.79	265.71	266.31
300	265.49	279.03	279.08
305	275.52	289.56	289.56
310	282.86	297.25	297.25
315	287.48	302.10	302.10
320	289.39	304.10	304.10
325	288.57	303.24	303.24
330	285.03	299.53	299.53
335	278.78	292.98	292.98
340	269.83	283.58	283.58
345	258.19	271.37	271.37
350	243.91	256.39	256.39
355	227.03	238.69	238.69