

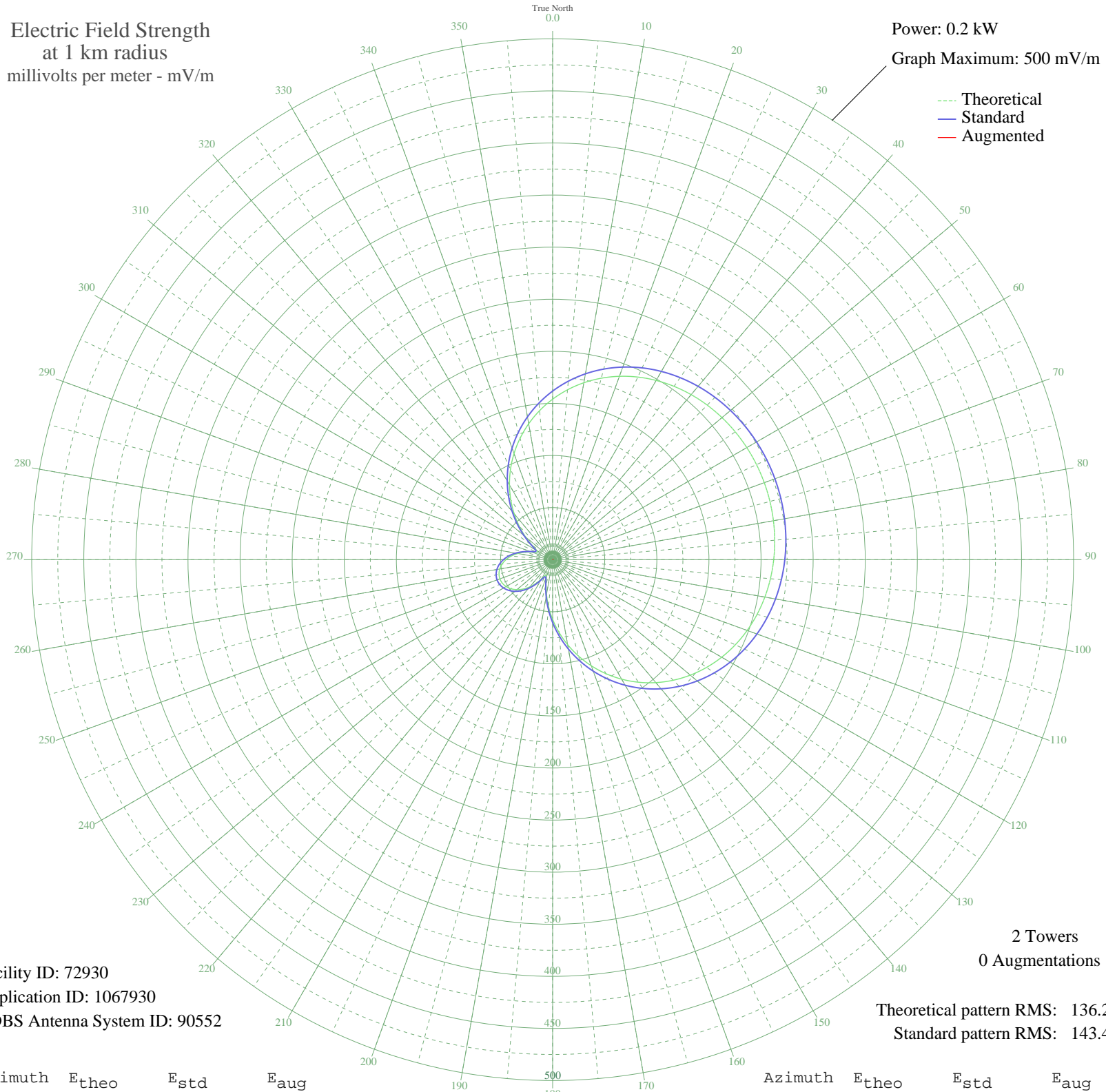
WOTS KISSIMMEE, FL BP-20040524ALX 1220 kHz

Nighttime

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

Power: 0.2 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 72930
Application ID: 1067930
CDBS Antenna System ID: 90552

2 Towers
0 Augmentations

Theoretical pattern RMS: 136.24
Standard pattern RMS: 143.44

Azimuth	E _{theo}	E _{std}	E _{aug}
0	154.07	161.84	
5	163.70	171.95	
10	172.46	181.14	
15	180.34	189.41	
20	187.31	196.74	
25	193.41	203.14	
30	198.66	208.65	
35	203.11	213.32	
40	206.80	217.19	
45	209.80	220.34	
50	212.16	222.82	
55	213.94	224.68	
60	215.17	225.98	
65	215.90	226.74	
70	216.14	226.99	
75	215.90	226.74	
80	215.17	225.98	
85	213.94	224.68	
90	212.16	222.82	
95	209.80	220.34	
100	206.80	217.19	
105	203.11	213.32	
110	198.66	208.65	
115	193.41	203.14	
120	187.31	196.74	
125	180.34	189.41	
130	172.46	181.14	
135	163.70	171.95	
140	154.07	161.84	
145	143.64	150.89	
150	132.47	139.18	
155	120.68	126.80	
160	108.38	113.90	
165	95.72	100.62	
170	82.87	87.14	
175	70.02	73.67	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	57.37	60.42	
185	45.19	47.68	
190	33.86	35.86	
195	24.08	25.72	
200	17.52	18.99	
205	16.77	18.22	
210	21.23	22.78	
215	27.57	29.33	
220	34.00	36.01	
225	39.83	42.09	
230	44.79	47.26	
235	48.73	51.38	
240	51.58	54.36	
245	53.30	56.16	
250	53.88	56.77	
255	53.30	56.16	
260	51.58	54.36	
265	48.73	51.38	
270	44.79	47.26	
275	39.83	42.09	
280	34.00	36.01	
285	27.57	29.33	
290	21.23	22.78	
295	16.77	18.22	
300	17.52	18.99	
305	24.08	25.72	
310	33.86	35.86	
315	45.19	47.68	
320	57.37	60.42	
325	70.02	73.67	
330	82.87	87.14	
335	95.72	100.62	
340	108.38	113.90	
345	120.68	126.80	
350	132.47	139.18	
355	143.64	150.89	

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