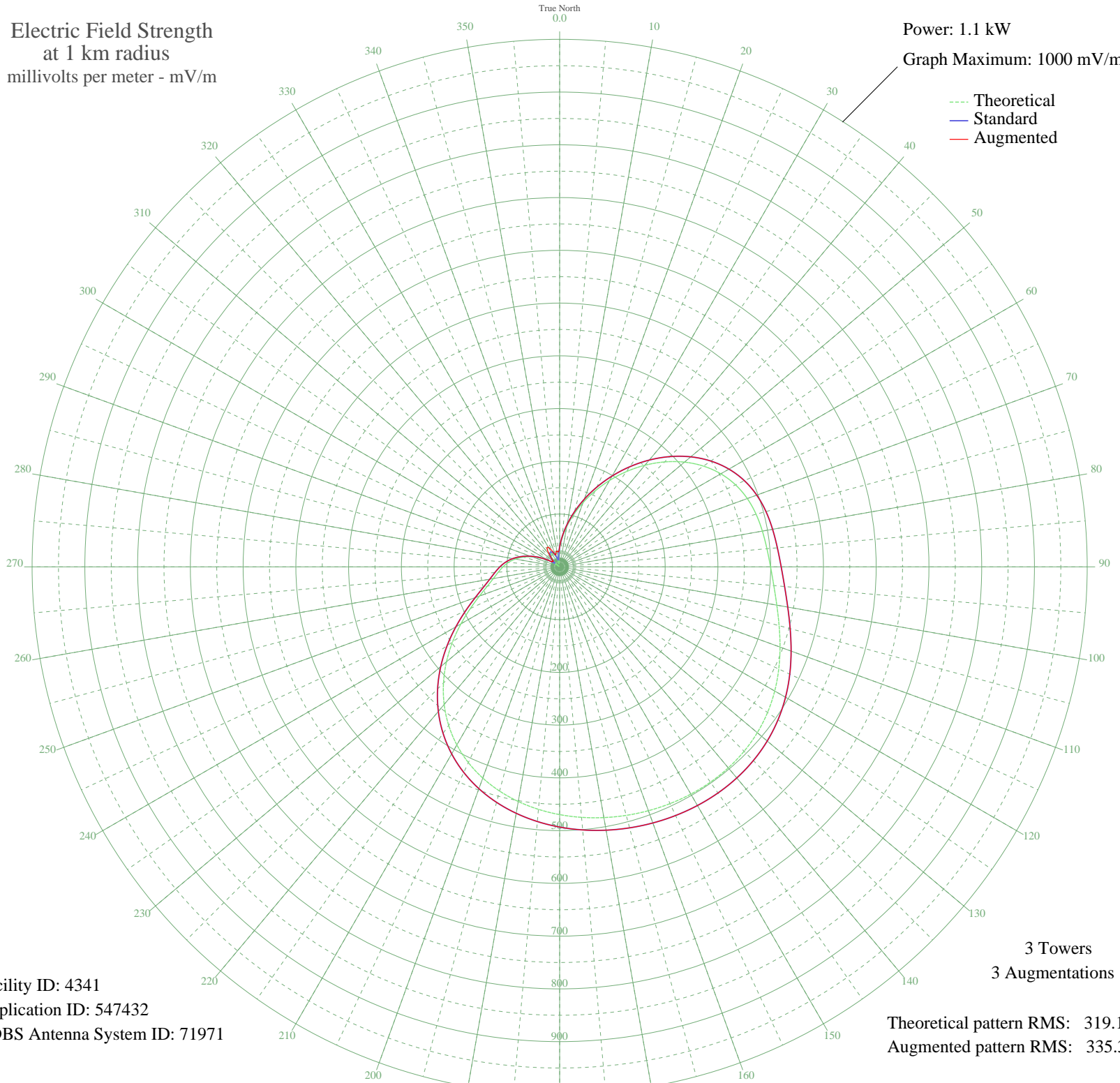


**WURN BOYNTON BEACH, FL BL-20001229AAY 1040 kHz**

**Nighttime**

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

Power: 1.1 kW  
Graph Maximum: 1000 mV/m



Facility ID: 4341  
Application ID: 547432  
CDBS Antenna System ID: 71971

3 Towers  
3 Augmentations

Theoretical pattern RMS: 319.14  
Augmented pattern RMS: 335.35

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	34.62	37.98	37.98
5	54.65	58.43	58.43
10	77.25	81.86	81.86
15	102.26	107.93	107.93
20	129.47	136.39	136.39
25	158.57	166.87	166.87
30	189.09	198.85	198.85
35	220.34	231.62	231.62
40	251.43	264.23	264.23
45	281.31	295.58	295.58
50	308.83	324.46	324.46
55	332.92	349.74	349.74
60	352.74	370.54	370.54
65	367.88	386.43	386.43
70	378.52	397.60	397.60
75	385.49	404.91	404.91
80	390.20	409.86	409.86
85	394.40	414.27	414.27
90	399.79	419.92	419.92
95	407.53	428.05	428.05
100	417.98	439.02	439.02
105	430.67	452.33	452.33
110	444.51	466.87	466.87
115	458.25	481.29	481.29
120	470.74	494.40	494.40
125	481.16	505.33	505.33
130	489.07	513.65	513.65
135	494.42	519.26	519.26
140	497.37	522.35	522.35
145	498.24	523.27	523.27
150	497.40	522.39	522.39
155	495.21	520.08	520.08
160	491.91	516.63	516.63
165	487.70	512.20	512.20
170	482.62	506.87	506.87
175	476.65	500.60	500.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	469.65	493.26	493.26
185	461.41	484.61	484.61
190	451.65	474.36	474.36
195	439.99	462.12	462.12
200	426.04	447.48	447.48
205	409.40	430.01	430.01
210	389.71	409.34	409.34
215	366.75	385.25	385.25
220	340.53	357.73	357.73
225	311.39	327.14	327.14
230	280.06	294.27	294.27
235	247.73	260.35	260.35
240	216.02	227.09	227.09
245	186.78	196.42	196.42
250	161.77	170.22	170.22
255	142.12	149.63	149.63
260	127.66	134.50	134.50
265	116.85	123.18	123.18
270	107.39	113.30	113.30
275	97.26	102.71	102.71
280	85.23	90.17	90.17
285	71.03	75.39	75.39
290	55.09	58.88	58.88
295	38.29	41.69	41.69
300	21.68	25.29	25.29
305	6.35	12.87	12.87
310	7.12	13.31	15.70
315	17.61	21.52	21.52
320	24.95	28.42	29.78
325	28.90	32.28	41.24
330	29.41	32.78	42.73
335	26.57	30.00	32.73
340	20.60	24.27	24.37
345	11.96	16.71	26.96
350	5.81	12.59	30.47
355	17.46	21.39	28.00

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.

26 Dec 2017

Prepared by Audio Division, Media Bureau  
Federal Communications Commission