

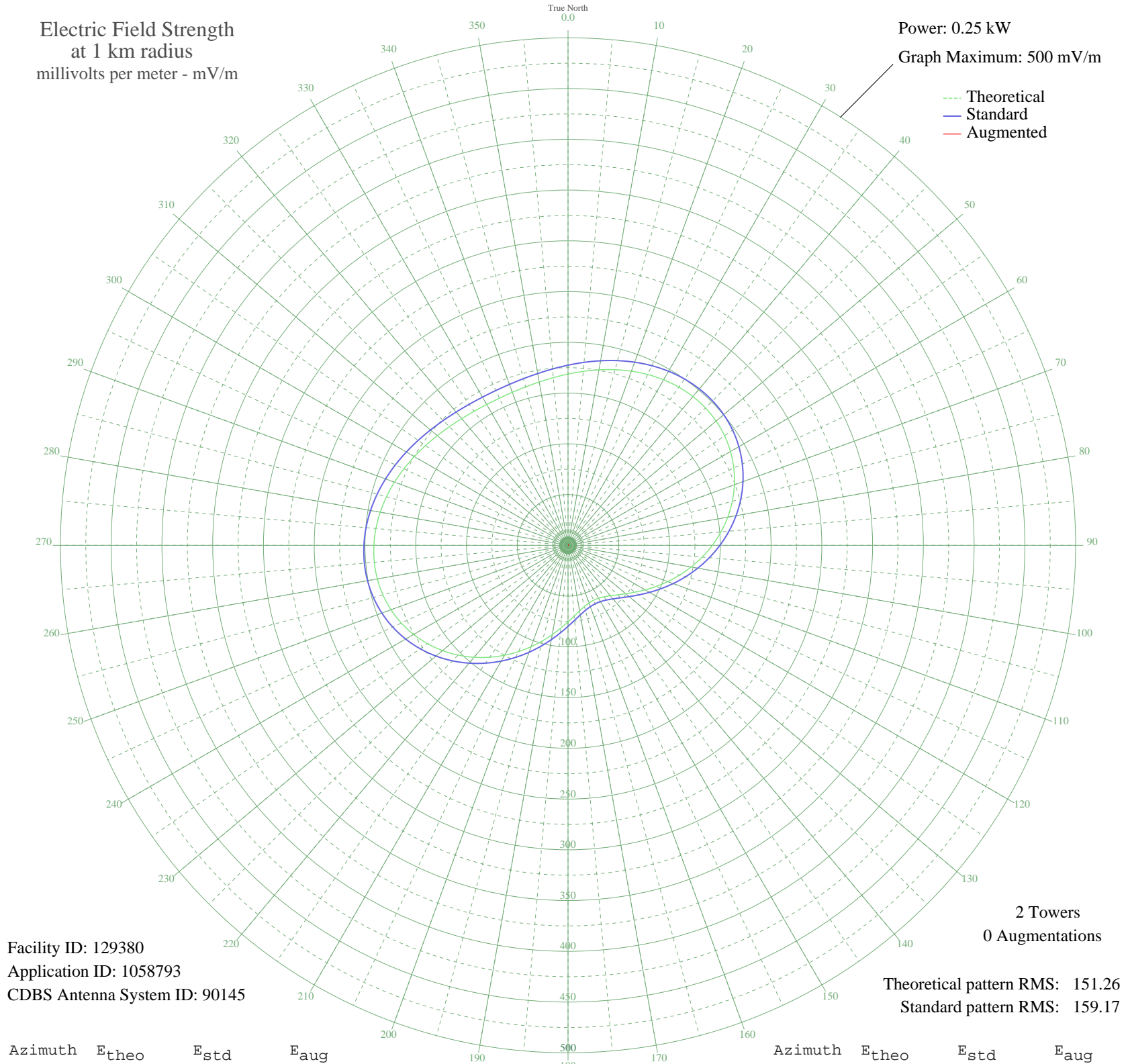
KYWN MERIDIAN, ID BL-20050408AEE 890 kHz

Nighttime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 129380  
Application ID: 1058793  
CDBS Antenna System ID: 90145

2 Towers  
0 Augmentations

Theoretical pattern RMS: 151.26  
Standard pattern RMS: 159.17

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	168.72	177.47	
5	172.02	180.93	
10	175.54	184.61	
15	179.11	188.36	
20	182.56	191.97	
25	185.69	195.26	
30	188.32	198.01	
35	190.26	200.05	
40	191.35	201.19	
45	191.44	201.29	
50	190.42	200.22	
55	188.22	197.91	
60	184.79	194.31	
65	180.15	189.45	
70	174.36	183.38	
75	167.52	176.20	
80	159.75	168.06	
85	151.23	159.13	
90	142.14	149.62	
95	132.71	139.74	
100	123.15	129.73	
105	113.66	119.81	
110	104.47	110.20	
115	95.77	101.10	
120	87.72	92.70	
125	80.49	85.16	
130	74.20	78.61	
135	68.95	73.16	
140	64.83	68.87	
145	61.88	65.82	
150	60.16	64.03	
155	59.66	63.52	
160	60.40	64.29	
165	62.38	66.33	
170	65.56	69.63	
175	69.91	74.15	

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.

14 Mar 2019

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	75.37	79.84	
185	81.86	86.59	
190	89.27	94.32	
195	97.46	102.87	
200	106.28	112.08	
205	115.54	121.77	
210	125.06	131.73	
215	134.62	141.74	
220	144.00	151.56	
225	152.98	160.97	
230	161.37	169.76	
235	168.96	177.72	
240	175.61	184.69	
245	181.18	190.52	
250	185.57	195.13	
255	188.75	198.47	
260	190.72	200.53	
265	191.51	201.36	
270	191.21	201.04	
275	189.94	199.71	
280	187.84	197.51	
285	185.10	194.64	
290	181.89	191.27	
295	178.40	187.62	
300	174.83	183.87	
305	171.34	180.21	
310	168.10	176.82	
315	165.27	173.85	
320	162.95	171.42	
325	161.25	169.64	
330	160.23	168.57	
335	159.93	168.26	
340	160.38	168.72	
345	161.54	169.94	
350	163.37	171.86	
355	165.80	174.40	