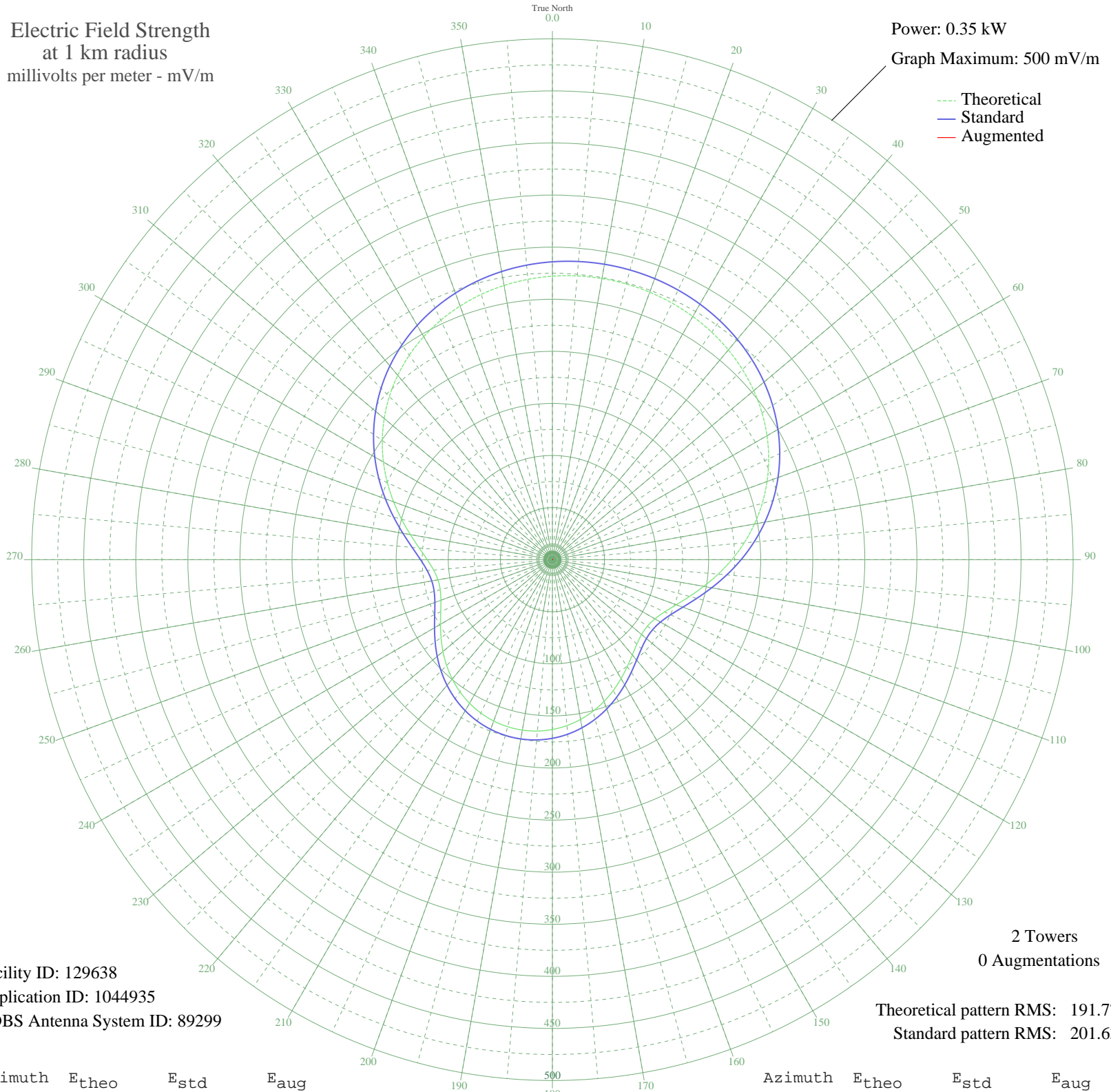


# KPTO POCA TELLO, ID BL-20050118ALT 1440 kHz

Nighttime

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

Power: 0.35 kW  
Graph Maximum: 500 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 129638  
Application ID: 1044935  
CDBS Antenna System ID: 89299

2 Towers  
0 Augmentations

Theoretical pattern RMS: 191.77  
Standard pattern RMS: 201.63

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	272.13	285.93	
5	273.44	287.30	
10	274.05	287.94	
15	273.98	287.87	
20	273.23	287.09	
25	271.79	285.57	
30	269.60	283.28	
35	266.63	280.16	
40	262.82	276.16	
45	258.10	271.21	
50	252.41	265.24	
55	245.71	258.21	
60	237.96	250.08	
65	229.16	240.85	
70	219.34	230.55	
75	208.59	219.27	
80	197.02	207.14	
85	184.84	194.36	
90	172.29	181.21	
95	159.73	168.04	
100	147.57	155.30	
105	136.32	143.52	
110	126.55	133.29	
115	118.84	125.22	
120	113.68	119.82	
125	111.35	117.39	
130	111.81	117.86	
135	114.68	120.87	
140	119.40	125.81	
145	125.32	132.01	
150	131.85	138.84	
155	138.49	145.80	
160	144.87	152.47	
165	150.68	158.56	
170	155.73	163.86	
175	159.89	168.21	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	163.04	171.51	
185	165.14	173.71	
190	166.14	174.76	
195	166.02	174.64	
200	164.80	173.36	
205	162.49	170.94	
210	159.13	167.42	
215	154.79	162.87	
220	149.57	157.40	
225	143.63	151.17	
230	137.18	144.42	
235	130.52	137.45	
240	124.07	130.70	
245	118.34	124.70	
250	113.94	120.10	
255	111.50	117.55	
260	111.59	117.63	
265	114.49	120.67	
270	120.19	126.63	
275	128.36	135.18	
280	138.47	145.77	
285	149.95	157.79	
290	162.22	170.66	
295	174.81	183.86	
300	187.31	196.96	
305	199.39	209.63	
310	210.81	221.60	
315	221.39	232.69	
320	231.00	242.78	
325	239.59	251.79	
330	247.13	259.70	
335	253.63	266.52	
340	259.12	272.28	
345	263.65	277.03	
350	267.29	280.85	
355	270.10	283.80	

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission