

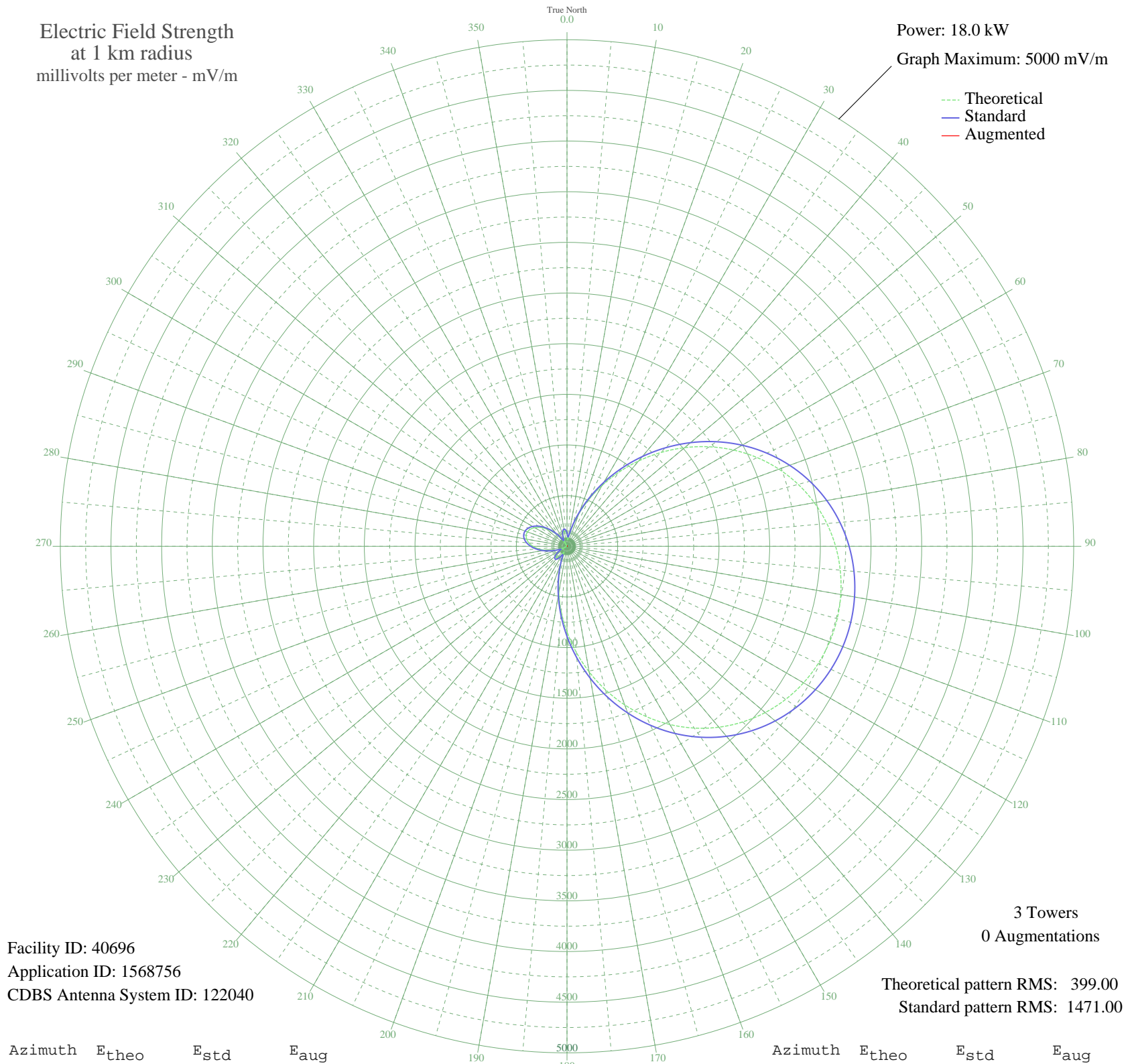
KYND CYPRESS, TX BL-20130501AEE 1520 kHz

Critical Hours

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

Power: 18.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 40696
Application ID: 1568756
CDBS Antenna System ID: 122040

3 Towers
0 Augmentations

Theoretical pattern RMS: 399.00
Standard pattern RMS: 1471.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	111.73	132.64	
5	67.01	93.71	
10	89.64	112.65	
15	197.31	216.22	
20	340.42	362.76	
25	507.88	536.85	
30	693.90	731.21	
35	893.04	939.73	
40	1099.78	1156.43	
45	1308.67	1375.50	
50	1514.54	1591.47	
55	1712.76	1799.46	
60	1899.37	1995.30	
65	2071.21	2175.65	
70	2225.92	2338.04	
75	2361.91	2480.78	
80	2478.23	2602.88	
85	2574.47	2703.90	
90	2650.58	2783.79	
95	2706.74	2842.75	
100	2743.21	2881.04	
105	2760.23	2898.90	
110	2757.91	2896.47	
115	2736.24	2873.72	
120	2695.07	2830.50	
125	2634.14	2766.54	
130	2553.21	2681.58	
135	2452.14	2575.49	
140	2331.04	2448.38	
145	2190.45	2300.81	
150	2031.45	2133.92	
155	1855.82	1949.60	
160	1666.11	1750.51	
165	1465.67	1540.20	
170	1258.63	1323.01	
175	1049.77	1103.99	

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.

27 Aug 2020

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	844.34	888.72	
185	647.85	683.05	
190	465.79	492.98	
195	303.61	324.74	
200	167.47	186.42	
205	73.15	98.64	
210	76.57	101.46	
215	121.52	141.81	
220	148.72	167.97	
225	152.36	171.53	
230	133.89	153.60	
235	96.60	118.82	
240	44.64	77.63	
245	18.49	64.86	
250	86.28	109.72	
255	155.88	174.99	
260	222.98	242.17	
265	284.00	304.56	
270	335.99	358.18	
275	376.56	400.21	
280	403.96	428.65	
285	417.03	442.23	
290	415.23	440.37	
295	398.66	423.14	
300	367.97	391.30	
305	324.48	346.28	
310	270.08	290.26	
315	207.30	226.29	
320	139.26	158.78	
325	69.65	95.80	
330	4.92	62.10	
335	58.20	86.97	
340	107.06	128.32	
345	140.18	159.67	
350	153.60	172.74	
355	144.33	163.69	