

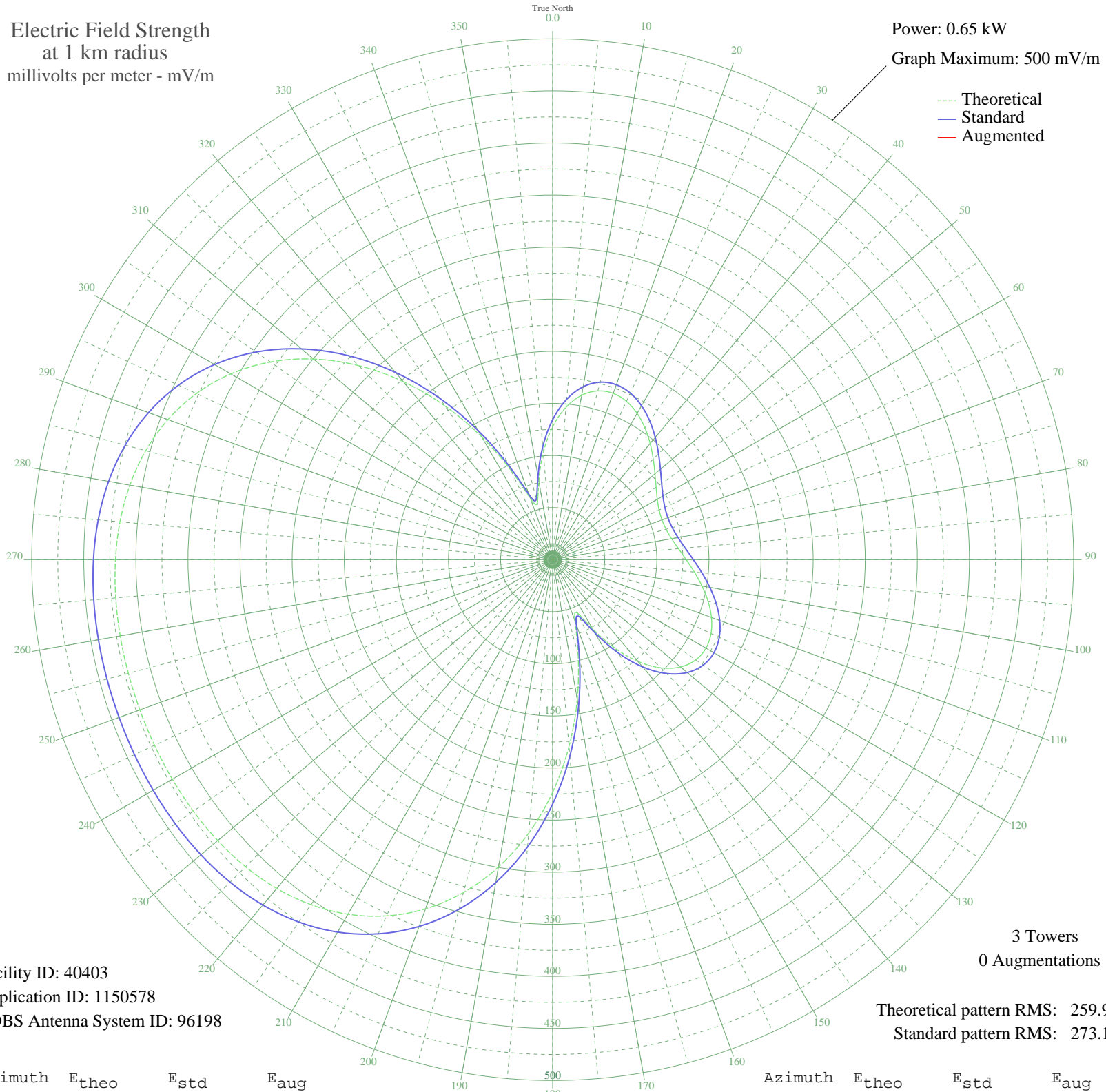
KWFA TYE, TX BMP-20060803AQI 1030 kHz

Nighttime

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

Power: 0.65 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 40403
Application ID: 1150578
CDBS Antenna System ID: 96198

3 Towers
0 Augmentations

Theoretical pattern RMS: 259.96
Standard pattern RMS: 273.16

Azimuth	E _{theo}	E _{std}	E _{aug}
0	127.58	134.37	
5	146.85	154.55	
10	160.21	168.54	
15	167.71	176.40	
20	169.92	178.72	
25	167.72	176.42	
30	162.18	170.61	
35	154.42	162.48	
40	145.54	153.18	
45	136.53	143.74	
50	128.21	135.03	
55	121.21	127.70	
60	115.97	122.22	
65	112.74	118.84	
70	111.66	117.71	
75	112.74	118.84	
80	115.97	122.22	
85	121.21	127.70	
90	128.21	135.03	
95	136.53	143.74	
100	145.54	153.18	
105	154.42	162.48	
110	162.18	170.61	
115	167.72	176.42	
120	169.92	178.72	
125	167.71	176.40	
130	160.21	168.54	
135	146.85	154.55	
140	127.58	134.37	
145	103.19	108.86	
150	76.52	81.03	
155	56.66	60.41	
160	62.74	66.71	
165	94.44	99.71	
170	136.03	143.22	
175	180.07	189.37	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	223.22	234.62	
185	263.50	276.88	
190	299.62	314.78	
195	330.79	347.49	
200	356.67	374.65	
205	377.29	396.29	
210	392.98	412.76	
215	404.32	424.67	
220	412.03	432.76	
225	416.87	437.84	
230	419.62	440.72	
235	420.96	442.13	
240	421.48	442.67	
245	421.61	442.81	
250	421.62	442.83	
255	421.61	442.81	
260	421.48	442.67	
265	420.96	442.13	
270	419.62	440.72	
275	416.87	437.84	
280	412.03	432.76	
285	404.32	424.67	
290	392.98	412.76	
295	377.29	396.29	
300	356.67	374.65	
305	330.79	347.49	
310	299.62	314.78	
315	263.50	276.88	
320	223.22	234.62	
325	180.07	189.37	
330	136.03	143.22	
335	94.44	99.71	
340	62.74	66.71	
345	56.66	60.41	
350	76.52	81.03	
355	103.19	108.86	

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