

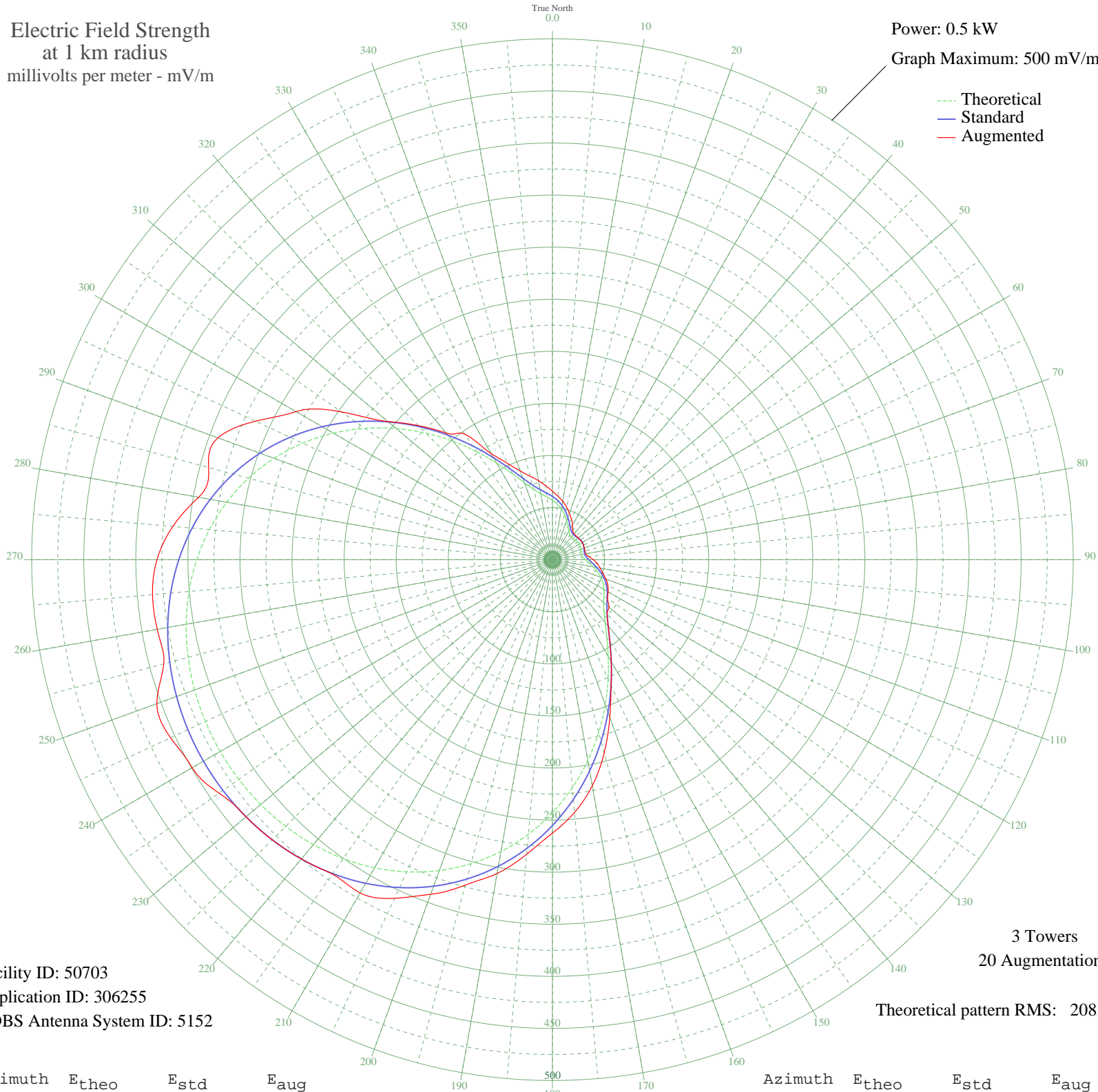
# KIQI SAN FRANCISCO, CA BL-- 1010 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 50703  
Application ID: 306255  
CDBS Antenna System ID: 5152

3 Towers  
20 Augmentations  
Theoretical pattern RMS: 208.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	56.97	60.74	65.71
5	53.45	57.09	61.03
10	49.37	52.89	56.93
15	44.76	48.15	52.28
20	39.92	43.21	47.42
25	35.34	38.56	43.08
30	31.59	34.80	38.46
35	29.16	32.37	33.97
40	28.17	31.39	32.44
45	28.31	31.53	32.24
50	28.99	32.20	32.60
55	29.65	32.85	32.85
60	29.91	33.11	33.11
65	29.65	32.85	32.86
70	28.99	32.20	32.56
75	28.31	31.53	32.41
80	28.17	31.39	32.50
85	29.16	32.37	34.99
90	31.59	34.80	39.27
95	35.34	38.56	43.22
100	39.92	43.21	46.58
105	44.76	48.15	50.21
110	49.37	52.89	54.75
115	53.45	57.09	58.75
120	56.97	60.74	61.73
125	60.32	64.20	64.48
130	64.28	68.30	70.91
135	70.00	74.24	74.24
140	78.65	83.25	83.25
145	90.97	96.09	96.09
150	107.03	112.87	112.87
155	126.37	133.11	133.29
160	148.20	155.97	161.03
165	171.62	180.51	192.07
170	195.74	205.79	220.40
175	219.72	230.95	243.57

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	242.86	255.22	262.49
185	264.57	277.99	283.84
190	284.42	298.82	305.90
195	302.12	317.40	323.45
200	317.54	333.58	341.90
205	330.65	347.34	358.73
210	341.51	358.74	369.43
215	350.26	367.92	368.39
220	357.08	375.08	375.08
225	362.14	380.39	380.39
230	365.62	384.05	384.05
235	367.65	386.18	390.78
240	368.32	386.88	399.40
245	367.65	386.18	404.57
250	365.62	384.05	404.26
255	362.14	380.39	386.28
260	357.08	375.08	385.26
265	350.26	367.92	385.46
270	341.51	358.74	379.70
275	330.65	347.34	365.86
280	317.54	333.58	344.99
285	302.12	317.40	341.78
290	284.42	298.82	341.90
295	264.57	277.99	314.53
300	242.86	255.22	284.30
305	219.72	230.95	247.36
310	195.74	205.79	206.24
315	171.62	180.51	181.95
320	148.20	155.97	158.64
325	126.37	133.11	147.23
330	107.03	112.87	117.32
335	90.97	96.09	101.92
340	78.65	83.25	90.68
345	70.00	74.24	82.94
350	64.28	68.30	76.91
355	60.32	64.20	71.04

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission