KTNQ LOS ANGELES, CA BL-19911104AD 1020 kHz

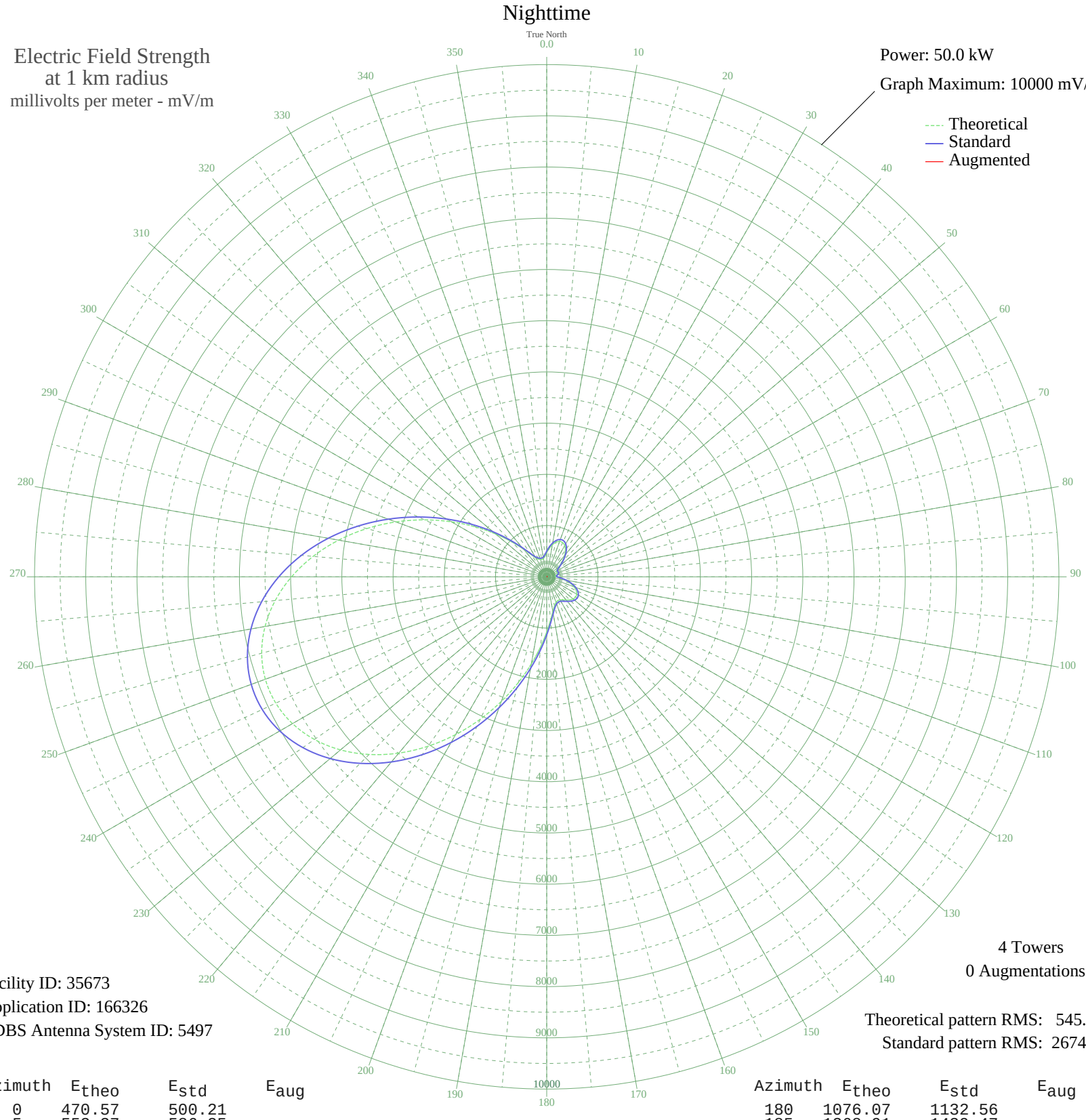
Nighttime

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

Power: 50.0 kW

Graph Maximum: 10000 mV/m

Theoretical
Standard
Augmented



4 Towers
0 Augmentations

Facility ID: 35673
Application ID: 166326
CDBS Antenna System ID: 5497

Theoretical pattern RMS: 545.90
Standard pattern RMS: 2674.33

Azimuth	E_{theo}	E_{std}	E_{aug}
0	470.57	500.21	
5	553.37	586.25	
10	634.18	670.44	
15	698.30	737.35	
20	734.80	775.47	
25	737.04	777.81	
30	702.92	742.18	
35	635.07	671.37	
40	540.79	573.16	
45	432.05	460.30	
50	325.89	350.96	
55	245.23	269.04	
60	211.24	235.12	
65	215.69	239.53	
70	224.81	248.60	
75	216.26	240.10	
80	187.79	212.05	
85	160.34	185.55	
90	180.25	204.70	
95	259.84	283.76	
100	366.13	392.27	
105	473.48	503.23	
110	566.52	599.94	
115	635.65	671.97	
120	675.80	713.87	
125	686.27	724.80	
130	670.46	708.29	
135	635.41	671.72	
140	591.01	625.44	
145	548.58	581.27	
150	518.99	550.49	
155	510.86	542.04	
160	530.92	562.89	
165	586.89	621.15	
170	689.50	728.17	
175	850.09	895.99	

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.

29 Feb 2016

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1076.07	1132.56	
185	1368.91	1439.47	
190	1724.53	1812.44	
195	2134.39	2242.46	
200	2586.38	2716.82	
205	3065.58	3219.81	
210	3555.04	3733.61	
215	4036.66	4239.21	
220	4492.14	4717.39	
225	4903.98	5149.77	
230	5256.30	5519.67	
235	5535.63	5812.94	
240	5731.40	6018.47	
245	5836.29	6128.60	
250	5846.44	6139.26	
255	5761.49	6050.06	
260	5584.45	5864.19	
265	5321.63	5588.26	
270	4982.36	5232.06	
275	4578.71	4808.28	
280	4125.07	4332.02	
285	3637.59	3820.26	
290	3133.61	3291.21	
295	2630.88	2763.52	
300	2146.87	2255.56	
305	1698.09	1784.70	
310	1299.62	1366.83	
315	964.84	1016.08	
320	705.08	744.43	
325	527.41	559.24	
330	427.06	455.14	
335	380.65	407.22	
340	359.65	385.60	
345	351.60	377.33	
350	362.48	388.51	
355	402.51	429.77	