

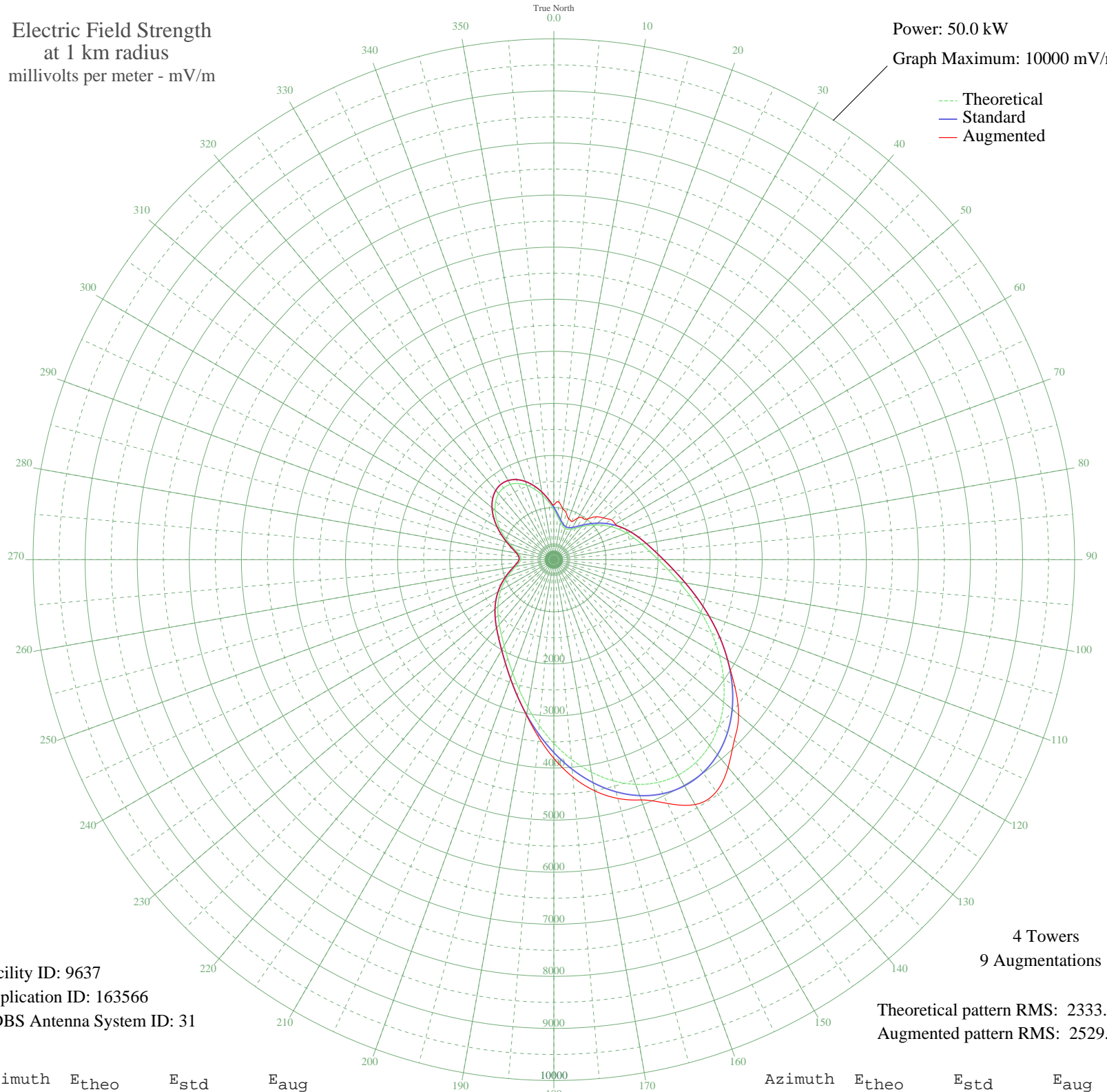
KCBS SAN FRANCISCO, CA BL-19910802AD 740 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 9637
Application ID: 163566
CDBS Antenna System ID: 31

4 Towers
9 Augmentations

Theoretical pattern RMS: 2333.55
Augmented pattern RMS: 2529.44

Azimuth	E _{theo}	E _{std}	E _{aug}
0	957.22	1007.81	1050.65
5	829.85	874.50	1110.45
10	730.11	770.20	989.78
15	664.52	701.68	923.65
20	635.21	671.09	836.86
25	640.45	676.56	807.01
30	676.52	714.22	923.67
35	739.10	779.60	975.10
40	823.51	867.86	1026.22
45	924.40	973.45	1164.64
50	1035.82	1090.14	1246.98
55	1151.87	1211.74	1339.78
60	1267.60	1333.05	1364.27
65	1379.99	1450.89	1450.89
70	1488.88	1565.09	1565.09
75	1597.61	1679.14	1679.14
80	1713.22	1800.41	1800.41
85	1845.61	1939.32	1939.32
90	2005.63	2107.21	2107.21
95	2202.11	2313.41	2313.41
100	2439.21	2562.24	2562.24
105	2714.83	2851.54	2851.54
110	3020.85	3172.77	3172.77
115	3344.40	3512.41	3512.41
120	3669.63	3853.83	3853.83
125	3979.40	4179.03	4241.19
130	4256.77	4470.23	4630.82
135	4486.28	4711.18	4901.25
140	4654.95	4888.26	5204.75
145	4753.18	4991.39	5439.17
150	4775.31	5014.63	5429.01
155	4720.03	4956.58	5164.14
160	4590.40	4820.49	4908.38
165	4393.73	4614.01	4746.22
170	4141.06	4348.75	4506.16
175	3846.50	4039.51	4189.89

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	3526.23	3703.29	3814.85
185	3197.40	3358.09	3413.66
190	2876.75	3021.49	3031.03
195	2579.03	2709.00	2709.00
200	2315.33	2432.23	2432.23
205	2091.44	2197.27	2197.27
210	1906.97	2003.70	2003.70
215	1755.84	1845.13	1845.13
220	1628.31	1711.33	1711.33
225	1513.81	1591.23	1591.23
230	1403.53	1475.58	1475.58
235	1291.85	1358.47	1358.47
240	1176.65	1237.71	1237.71
245	1059.06	1114.49	1114.49
250	942.77	992.69	992.69
255	833.56	878.38	878.38
260	739.05	779.54	779.54
265	668.57	705.91	705.91
270	632.43	668.19	668.19
275	639.01	675.06	675.06
280	690.58	728.90	728.90
285	782.11	824.57	824.57
290	904.20	952.30	952.30
295	1045.89	1100.69	1100.69
300	1195.80	1257.78	1257.78
305	1342.30	1411.37	1411.37
310	1473.90	1549.38	1549.38
315	1579.94	1660.60	1660.60
320	1651.50	1735.66	1735.66
325	1682.31	1767.98	1767.98
330	1669.47	1754.52	1754.52
335	1613.86	1696.18	1696.18
340	1520.11	1597.84	1597.84
345	1396.21	1467.90	1467.90
350	1252.82	1317.56	1317.56
355	1102.23	1159.72	1159.72