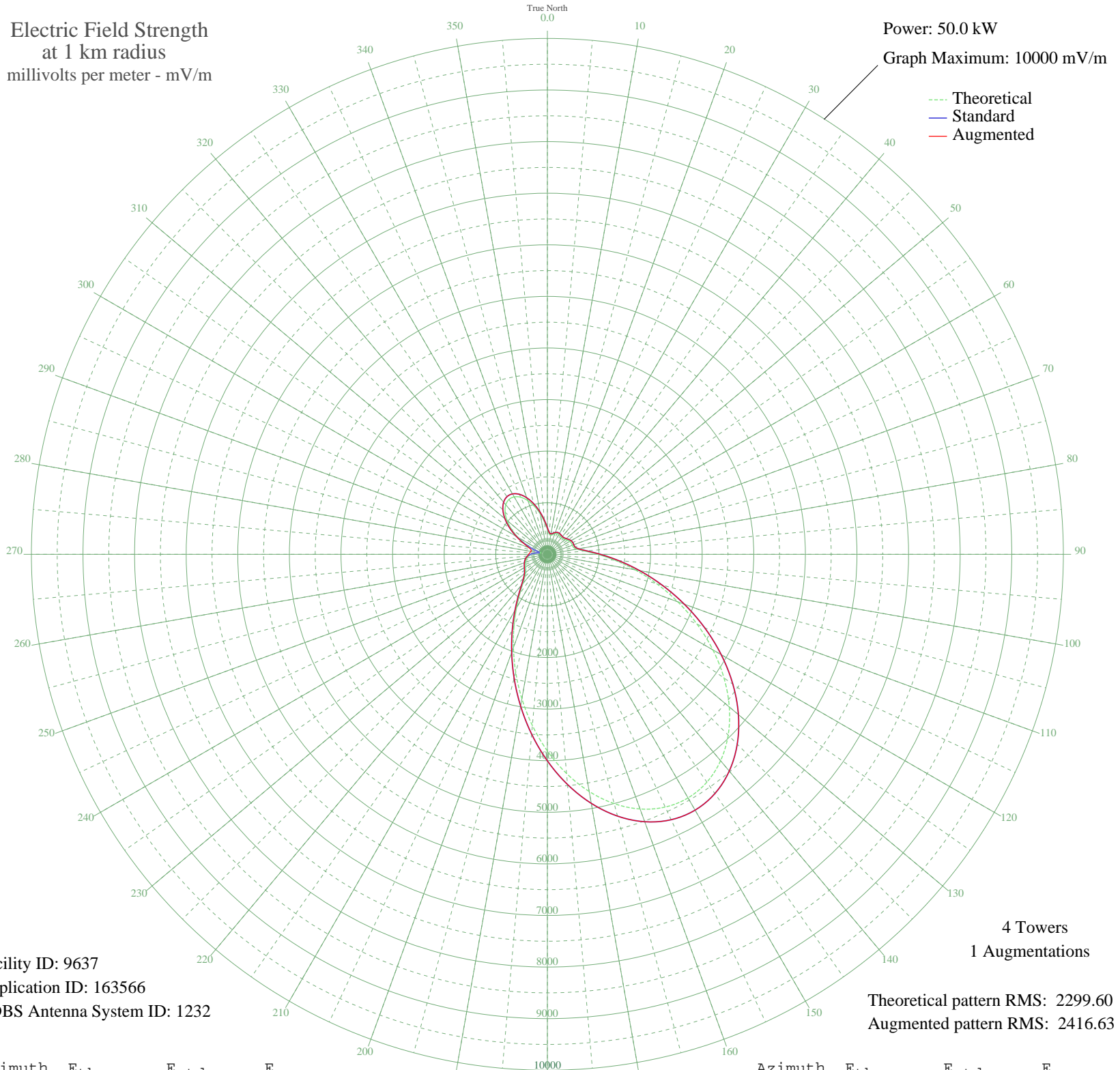


# KCBS SAN FRANCISCO, CA BL-19910802AD 740 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 9637  
Application ID: 163566  
CDBS Antenna System ID: 1232

Theoretical pattern RMS: 2299.60  
Augmented pattern RMS: 2416.63

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	486.01	515.69	515.69
5	398.05	424.50	424.50
10	375.66	401.37	401.37
15	396.11	422.49	422.49
20	424.41	451.77	451.77
25	440.72	468.68	468.68
30	441.13	469.10	469.10
35	431.83	459.46	459.46
40	424.16	451.51	451.51
45	428.52	456.03	456.03
50	447.67	475.89	475.89
55	474.92	504.17	504.17
60	499.13	529.32	529.32
65	511.83	542.53	542.53
70	513.99	544.78	544.78
75	523.91	555.09	555.09
80	581.36	614.93	614.93
85	728.08	768.08	768.08
90	976.77	1028.29	1028.29
95	1315.58	1383.35	1383.35
100	1726.39	1814.23	1814.23
105	2190.60	2301.33	2301.33
110	2688.92	2824.34	2824.34
115	3200.84	3361.70	3361.70
120	3704.84	3890.79	3890.79
125	4179.08	4388.66	4388.66
130	4602.45	4833.15	4833.15
135	4955.69	5204.01	5204.01
140	5222.51	5484.14	5484.14
145	5390.60	5660.62	5660.62
150	5452.39	5725.49	5725.49
155	5405.50	5676.26	5676.26
160	5252.91	5516.06	5516.06
165	5002.75	5253.42	5253.42
170	4667.75	4901.70	4901.70
175	4264.41	4478.25	4478.25

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3811.98	4003.27	4003.27
185	3331.24	3498.59	3498.59
190	2843.29	2986.38	2986.38
195	2368.42	2487.95	2487.95
200	1925.14	2022.76	2022.76
205	1529.49	1607.68	1607.68
210	1194.57	1256.49	1256.49
215	929.80	979.10	979.10
220	739.13	779.63	779.63
225	617.43	652.54	652.54
230	548.38	580.57	580.57
235	510.19	540.82	540.82
240	485.47	515.12	515.12
245	465.13	494.00	494.00
250	445.70	473.84	473.84
255	424.83	452.21	452.21
260	398.40	424.85	424.85
265	360.26	385.50	389.39
270	304.16	327.88	363.31
275	227.56	250.21	342.71
280	145.11	169.49	324.10
285	147.46	171.71	325.27
290	280.51	303.75	383.55
295	460.69	489.39	513.80
300	655.18	691.94	694.11
305	846.30	891.72	891.72
310	1018.68	1072.19	1072.19
315	1158.42	1218.61	1218.61
320	1254.06	1318.86	1318.86
325	1297.73	1364.64	1364.64
330	1286.05	1352.39	1352.39
335	1220.69	1283.87	1283.87
340	1108.40	1166.18	1166.18
345	960.72	1011.48	1011.48
350	793.54	836.52	836.52
355	627.00	662.53	662.53