

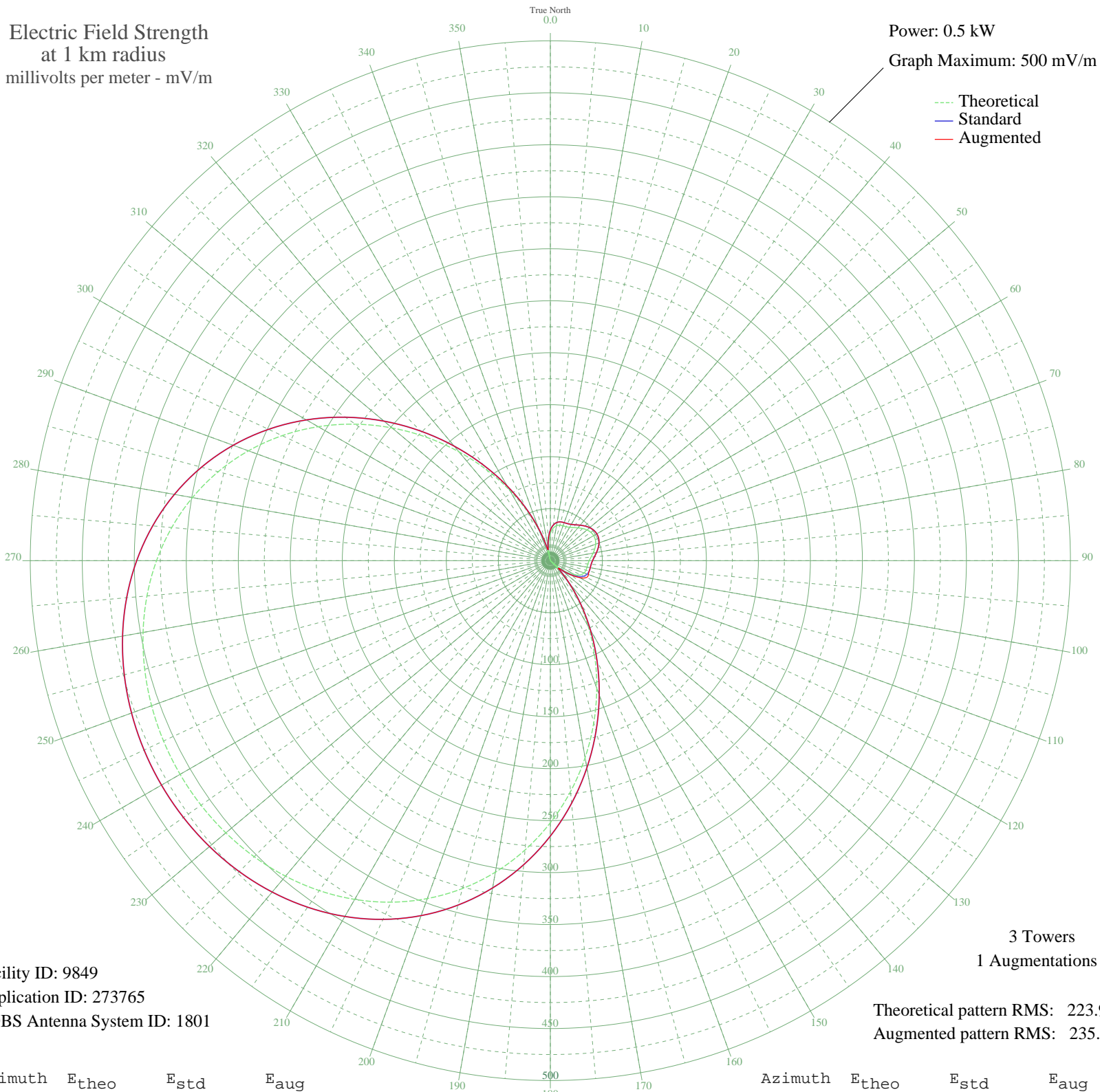
KRXX CARMEL VALLEY, CA BL-19980911AC 540 kHz

Nighttime

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

Power: 0.5 kW

Graph Maximum: 500 mV/m



Facility ID: 9849
Application ID: 273765
CDBS Antenna System ID: 1801

3 Towers
1 Augmentations

Theoretical pattern RMS: 223.91
Augmented pattern RMS: 235.35

Azimuth	E _{theo}	E _{std}	E _{aug}
0	26.07	29.32	29.32
5	31.37	34.57	34.57
10	34.20	37.41	37.41
15	35.35	38.57	38.57
20	35.69	38.91	38.91
25	36.05	39.28	39.28
30	37.03	40.28	40.28
35	38.82	42.09	42.09
40	41.21	44.52	44.52
45	43.74	47.12	47.12
50	45.97	49.40	49.40
55	47.51	50.98	50.98
60	48.12	51.61	51.61
65	47.71	51.19	51.19
70	46.35	49.78	49.78
75	44.23	47.61	47.61
80	41.72	45.04	45.04
85	39.26	42.54	42.54
90	37.33	40.58	40.58
95	36.19	39.42	39.42
100	35.73	38.96	38.96
105	35.45	38.67	38.67
110	34.53	37.75	38.97
115	32.11	35.31	38.31
120	27.36	30.58	32.62
125	19.62	23.13	23.15
130	8.43	13.73	13.73
135	6.48	12.51	12.51
140	25.14	28.41	28.41
145	47.36	50.82	50.82
150	72.73	77.09	77.09
155	100.69	106.24	106.24
160	130.49	137.42	137.42
165	161.35	169.74	169.74
170	192.41	202.31	202.31
175	222.89	234.27	234.27

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	252.07	264.88	264.88
185	279.33	293.48	293.48
190	304.23	319.61	319.61
195	326.45	342.93	342.93
200	345.85	363.29	363.29
205	362.40	380.66	380.66
210	376.18	395.13	395.13
215	387.35	406.85	406.85
220	396.11	416.05	416.05
225	402.68	422.94	422.94
230	407.25	427.74	427.74
235	409.99	430.62	430.62
240	411.00	431.68	431.68
245	410.33	430.97	430.97
250	407.94	428.47	428.47
255	403.75	424.06	424.06
260	397.59	417.60	417.60
265	389.29	408.88	408.88
270	378.61	397.68	397.68
275	365.37	383.78	383.78
280	349.39	367.01	367.01
285	330.56	347.25	347.25
290	308.89	324.51	324.51
295	284.51	298.92	298.92
300	257.69	270.78	270.78
305	228.85	240.53	240.53
310	198.58	208.77	208.77
315	167.57	176.26	176.26
320	136.61	143.82	143.82
325	106.52	112.34	112.34
330	78.14	82.72	82.72
335	52.20	55.80	55.80
340	29.31	32.51	32.51
345	9.91	14.78	14.78
350	5.75	12.11	12.11
355	17.67	21.32	21.32