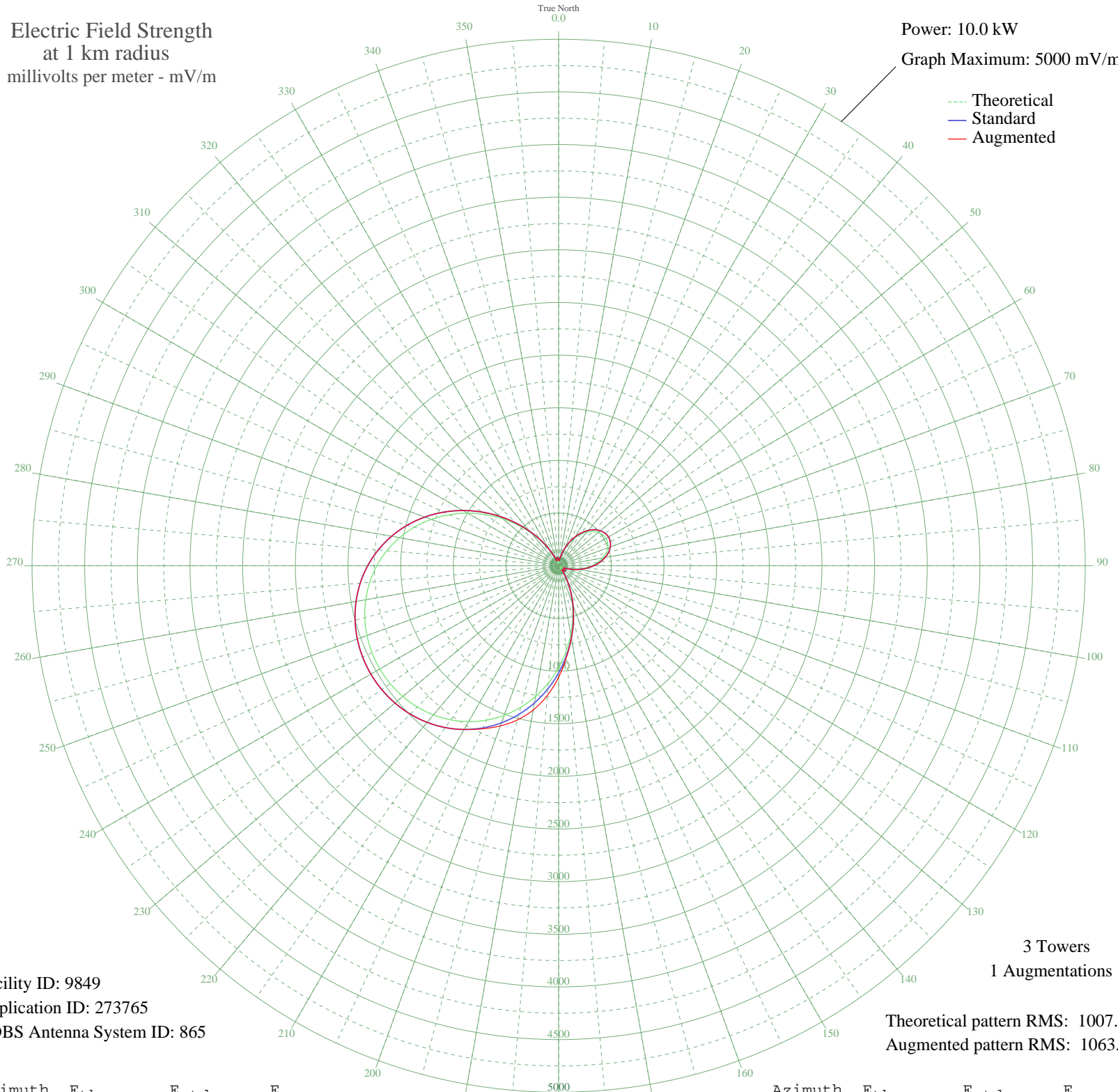


# KRXA CARMEL VALLEY, CA BL-19980911AC 540 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 9849  
Application ID: 273765  
CDBS Antenna System ID: 865

3 Towers  
1 Augmentations

Theoretical pattern RMS: 1007.86  
Augmented pattern RMS: 1063.89

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	44.85	62.13	62.13
5	20.83	46.05	46.05
10	50.97	67.13	67.13
15	107.82	120.24	120.24
20	171.76	184.84	184.84
25	237.84	253.00	253.00
30	302.37	320.06	320.06
35	362.24	382.51	382.51
40	414.88	437.50	437.50
45	458.20	482.81	482.81
50	490.63	516.75	516.75
55	511.05	538.13	538.13
60	518.80	546.24	546.24
65	513.63	540.83	540.83
70	495.70	522.06	522.06
75	465.60	490.56	490.56
80	424.35	447.40	447.40
85	373.42	394.18	394.18
90	314.81	333.02	333.02
95	250.97	266.62	266.62
100	184.93	198.36	198.36
105	120.23	132.59	132.59
110	61.40	76.15	76.15
115	21.39	46.34	46.34
120	39.53	58.01	58.01
125	60.84	75.65	75.65
130	64.92	79.30	79.30
135	48.87	65.39	65.39
140	20.98	46.13	46.13
145	62.96	77.55	77.55
150	147.03	159.61	159.61
155	253.04	268.76	268.76
160	376.95	397.86	397.86
165	514.79	542.04	542.04
170	662.19	696.48	696.48
175	814.62	856.32	869.21

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	967.61	1016.80	1058.05
185	1117.02	1173.57	1237.12
190	1259.28	1322.87	1391.20
195	1391.49	1461.62	1516.52
200	1511.46	1587.55	1618.79
205	1617.76	1699.13	1708.68
210	1709.57	1795.51	1795.59
215	1786.64	1876.41	1876.41
220	1849.06	1941.94	1941.94
225	1897.20	1992.47	1992.47
230	1931.51	2028.49	2028.49
235	1952.41	2050.43	2050.43
240	1960.20	2058.61	2058.61
245	1955.01	2053.16	2053.16
250	1936.75	2033.99	2033.99
255	1905.16	2000.82	2000.82
260	1859.82	1953.23	1953.23
265	1800.28	1890.73	1890.73
270	1726.17	1812.93	1812.93
275	1637.29	1719.64	1719.64
280	1533.85	1611.05	1611.05
285	1416.52	1487.89	1487.89
290	1286.61	1351.55	1351.55
295	1146.15	1204.14	1204.14
300	997.90	1048.58	1048.58
305	845.32	888.51	888.51
310	692.42	728.17	728.17
315	543.65	572.27	572.27
320	403.53	425.64	425.64
325	276.51	293.15	293.15
330	166.62	179.58	179.58
335	77.74	91.14	91.14
340	21.68	46.48	46.48
345	43.34	60.94	60.94
350	63.34	77.89	77.89
355	63.19	77.74	77.74

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