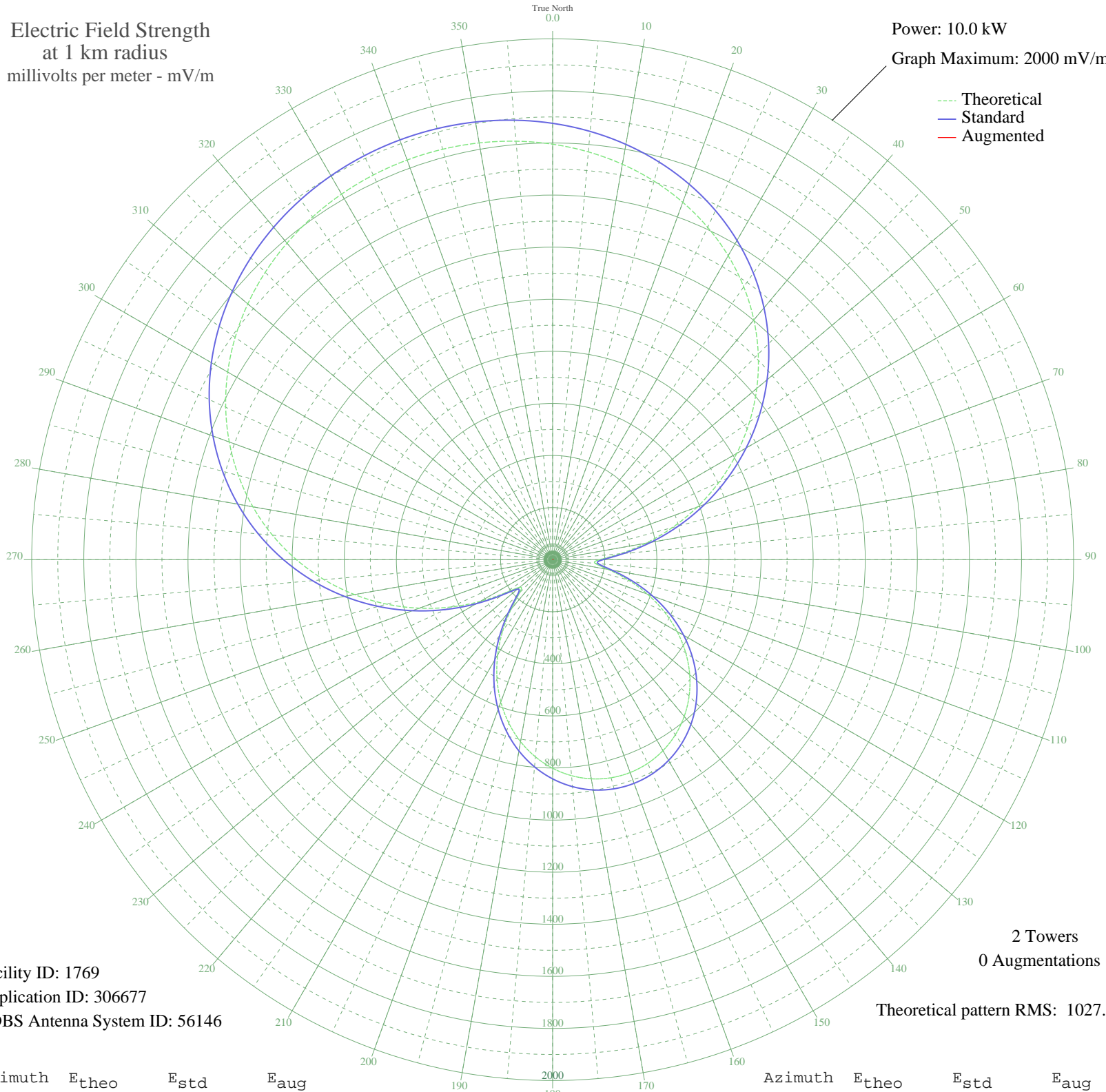


# ZP 5 ENCARNACION, - Paraguay -- 760 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 1769  
Application ID: 306677  
CDBS Antenna System ID: 56146

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1027.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1595.35	1675.47	
5	1571.77	1650.72	
10	1541.75	1619.21	
15	1504.80	1580.41	
20	1460.42	1533.83	
25	1408.19	1479.00	
30	1347.77	1415.58	
35	1278.95	1343.34	
40	1201.71	1262.26	
45	1116.25	1172.57	
50	1023.01	1074.71	
55	922.69	969.43	
60	816.28	857.78	
65	705.08	741.13	
70	590.78	621.26	
75	475.59	500.55	
80	362.89	382.58	
85	259.10	274.22	
90	180.66	192.77	
95	163.82	175.41	
100	216.98	230.40	
105	299.40	316.24	
110	387.35	408.16	
115	472.62	497.44	
120	551.92	580.53	
125	623.61	655.69	
130	686.78	721.94	
135	740.93	778.73	
140	785.75	825.75	
145	821.10	862.84	
150	846.90	889.91	
155	863.15	906.96	
160	869.84	913.98	
165	866.97	910.97	
170	854.55	897.93	
175	832.57	874.87	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	801.03	841.78	
185	759.99	798.72	
190	709.54	745.81	
195	649.93	683.29	
200	581.57	611.61	
205	505.17	531.54	
210	422.02	444.45	
215	334.55	352.96	
220	248.32	262.99	
225	178.88	190.94	
230	164.30	175.90	
235	223.10	236.76	
240	319.74	337.48	
245	429.96	452.76	
250	544.65	572.92	
255	659.62	693.46	
260	772.29	811.63	
265	880.79	925.47	
270	983.68	1033.43	
275	1079.85	1134.37	
280	1168.49	1227.40	
285	1249.06	1311.96	
290	1321.25	1387.74	
295	1385.02	1454.68	
300	1440.50	1512.91	
305	1487.96	1562.74	
310	1527.83	1604.59	
315	1560.57	1638.95	
320	1586.66	1666.35	
325	1606.59	1687.27	
330	1620.78	1702.17	
335	1629.55	1711.37	
340	1633.13	1715.13	
345	1631.60	1713.52	
350	1624.92	1706.52	
355	1612.94	1693.93	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission