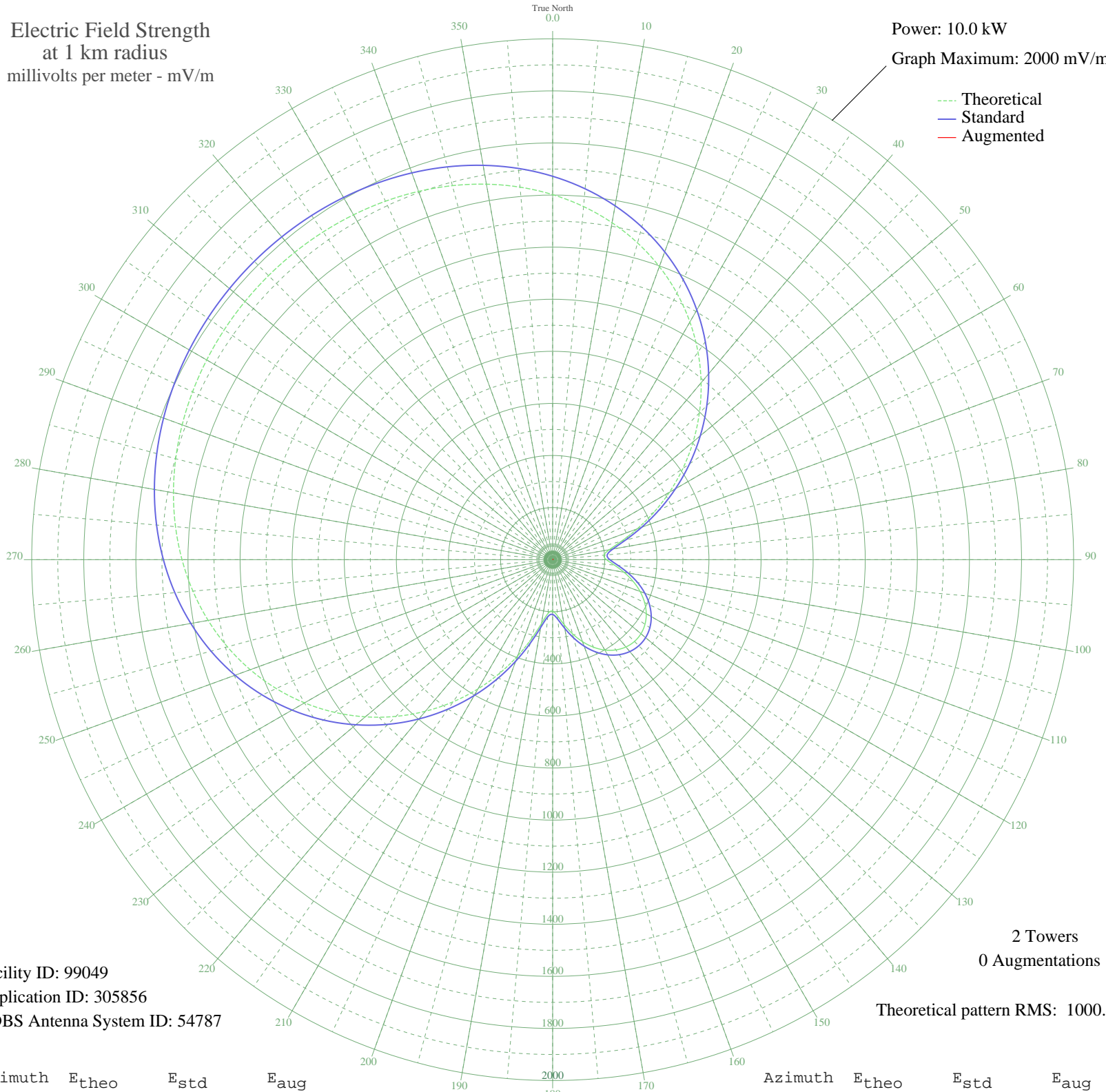


## ZP 16 PTE STROESSN, - Paraguay -- 550 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 99049  
Application ID: 305856  
CDBS Antenna System ID: 54787

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 1000.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1401.70	1472.16	
5	1361.11	1429.55	
10	1313.69	1379.77	
15	1259.18	1322.56	
20	1197.56	1257.87	
25	1128.97	1185.89	
30	1053.83	1107.02	
35	972.76	1021.93	
40	886.64	931.56	
45	796.57	837.06	
50	703.91	739.86	
55	610.25	641.63	
60	517.49	544.38	
65	428.00	450.62	
70	344.99	363.75	
75	273.36	288.94	
80	220.94	234.35	
85	197.57	210.09	
90	206.40	219.25	
95	237.50	251.57	
100	277.90	293.68	
105	319.28	336.89	
110	357.26	376.59	
115	389.56	410.38	
120	414.94	436.95	
125	432.72	455.56	
130	442.52	465.83	
135	444.15	467.54	
140	437.61	460.69	
145	422.99	445.38	
150	400.59	421.92	
155	370.94	390.90	
160	335.04	353.36	
165	294.65	311.16	
170	253.13	267.85	
175	216.97	230.22	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	197.56	210.08	
185	207.63	220.53	
190	249.53	264.10	
195	314.61	332.00	
200	393.79	414.81	
205	481.15	506.29	
210	572.92	602.48	
215	666.47	700.58	
220	759.74	798.41	
225	851.01	894.18	
230	938.86	986.36	
235	1022.07	1073.68	
240	1099.67	1155.13	
245	1170.94	1229.94	
250	1235.38	1297.58	
255	1292.74	1357.78	
260	1342.98	1410.52	
265	1386.26	1455.95	
270	1422.92	1494.43	
275	1453.41	1526.45	
280	1478.30	1552.57	
285	1498.17	1573.43	
290	1513.65	1589.68	
295	1525.31	1601.92	
300	1533.66	1610.68	
305	1539.13	1616.42	
310	1542.01	1619.45	
315	1542.49	1619.95	
320	1540.58	1617.95	
325	1536.17	1613.32	
330	1529.02	1605.81	
335	1518.74	1595.02	
340	1504.86	1580.45	
345	1486.81	1561.51	
350	1464.01	1537.57	
355	1435.83	1507.98	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission