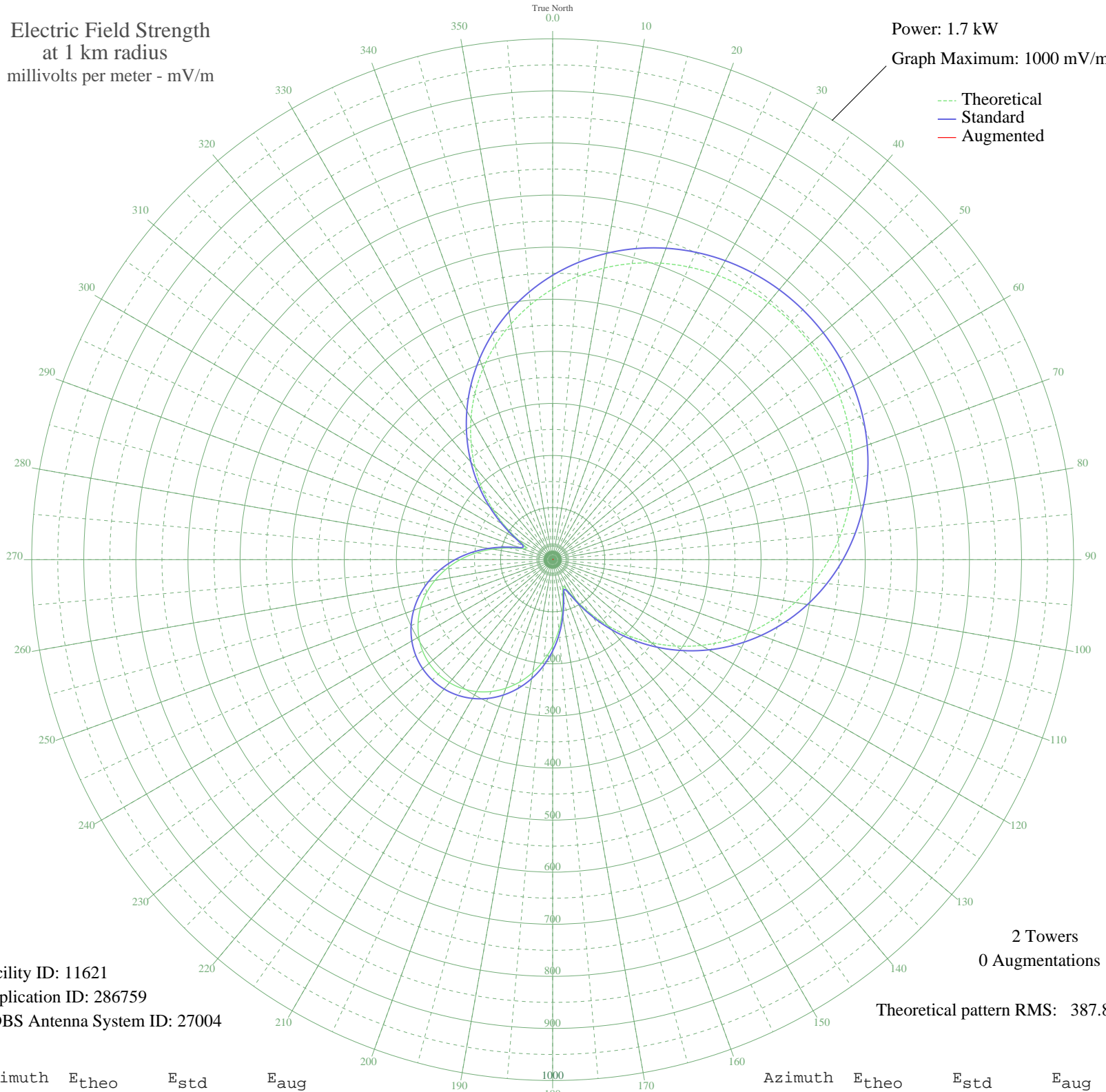


# WCHQ QUEBRADILLAS, PR BL-19990706DF 960 kHz

Nighttime

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

Power: 1.7 kW  
Graph Maximum: 1000 mV/m



Facility ID: 11621  
Application ID: 286759  
CDBS Antenna System ID: 27004

2 Towers  
0 Augmentations

Theoretical pattern RMS: 387.84

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	519.64	545.97	
5	545.49	573.10	
10	568.50	597.24	
15	588.59	618.32	
20	605.71	636.29	
25	619.83	651.11	
30	630.95	662.79	
35	639.06	671.30	
40	644.17	676.66	
45	646.27	678.86	
50	645.37	677.92	
55	641.47	673.82	
60	634.56	666.57	
65	624.64	656.16	
70	611.72	642.60	
75	595.79	625.89	
80	576.89	606.05	
85	555.04	583.12	
90	530.32	557.17	
95	502.80	528.30	
100	472.62	496.64	
105	439.95	462.35	
110	404.98	425.68	
115	367.99	386.88	
120	329.26	346.28	
125	289.18	304.26	
130	248.15	261.29	
135	206.71	217.92	
140	165.53	174.89	
145	125.67	133.38	
150	89.24	95.71	
155	61.94	67.89	
160	56.53	62.47	
165	75.57	81.70	
170	104.64	111.58	
175	135.67	143.78	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	165.90	175.28	
185	194.20	204.83	
190	219.99	231.81	
195	242.92	255.80	
200	262.74	276.56	
205	279.27	293.88	
210	292.41	307.65	
215	302.06	317.76	
220	308.16	324.15	
225	310.67	326.79	
230	309.60	325.66	
235	304.93	320.76	
240	296.69	312.13	
245	284.94	299.82	
250	269.75	283.91	
255	251.23	264.51	
260	229.52	241.78	
265	204.84	215.96	
270	177.49	187.38	
275	147.94	156.55	
280	117.03	124.42	
285	86.64	93.03	
290	62.01	67.96	
295	56.37	62.31	
300	76.67	82.82	
305	110.49	117.64	
310	149.35	158.02	
315	190.16	200.62	
320	231.59	243.95	
325	272.86	287.16	
330	313.37	329.62	
335	352.69	370.83	
340	390.41	410.40	
345	426.22	447.96	
350	459.84	483.23	
355	491.04	515.96	

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