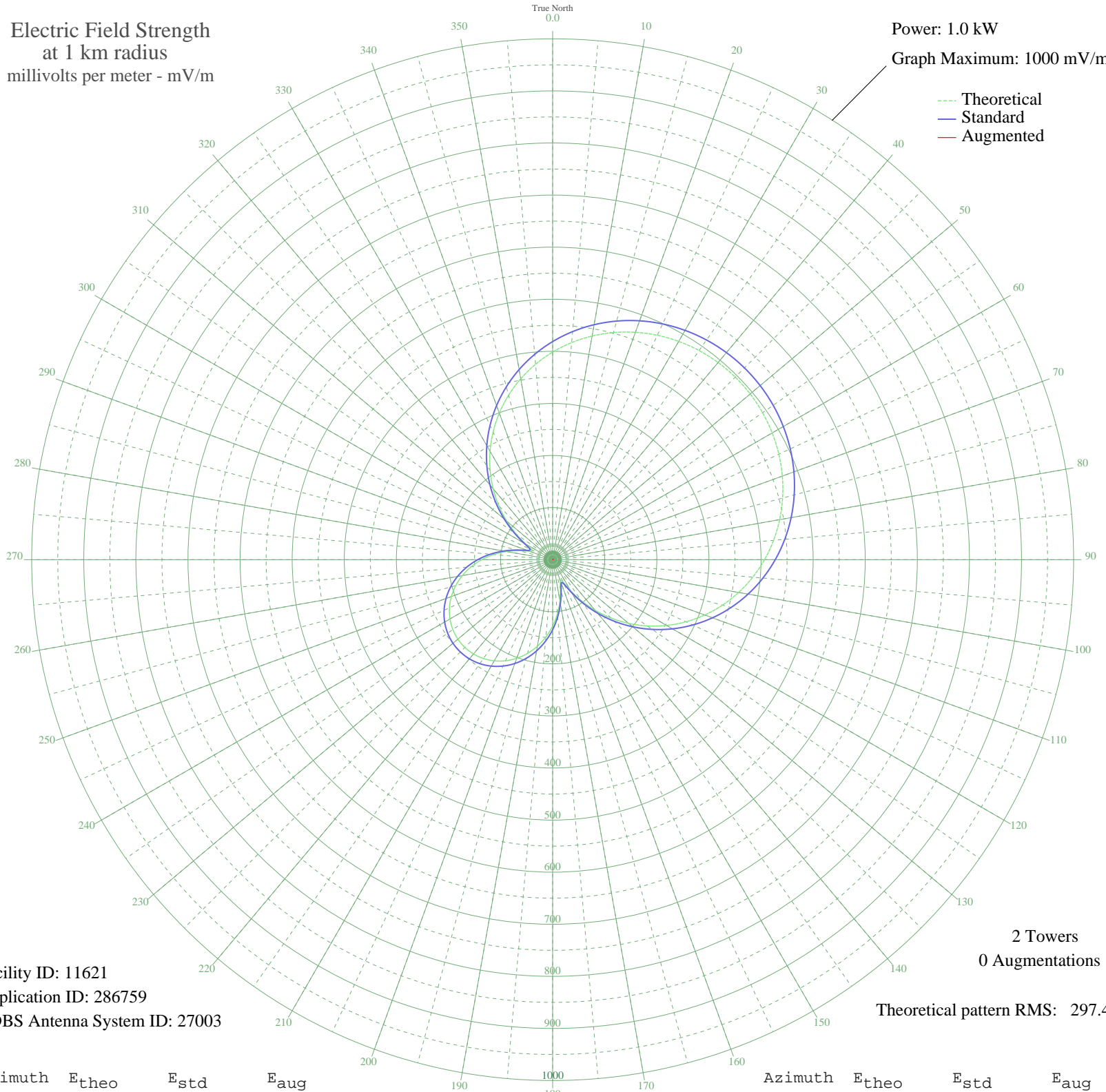


WCHQ QUEBRADILLAS, PR BL-19990706DF 960 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 11621
Application ID: 286759
CDBS Antenna System ID: 27003

2 Towers
0 Augmentations

Theoretical pattern RMS: 297.46

Azimuth	E _{theo}	E _{std}	E _{aug}
0	398.53	418.72	
5	418.36	439.53	
10	436.01	458.05	
15	451.41	474.22	
20	464.54	488.00	
25	475.37	499.37	
30	483.90	508.32	
35	490.12	514.85	
40	494.04	518.96	
45	495.65	520.65	
50	494.96	519.92	
55	491.97	516.78	
60	486.67	511.22	
65	479.06	503.24	
70	469.15	492.83	
75	456.94	480.02	
80	442.44	464.80	
85	425.68	447.22	
90	406.72	427.32	
95	385.62	405.17	
100	362.47	380.89	
105	337.41	354.60	
110	310.60	326.47	
115	282.22	296.71	
120	252.53	265.57	
125	221.78	233.35	
130	190.32	200.39	
135	158.53	167.13	
140	126.95	134.13	
145	96.38	102.29	
150	68.44	73.40	
155	47.50	52.07	
160	43.36	47.91	
165	57.96	62.66	
170	80.25	85.58	
175	104.05	110.27	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	127.23	134.43	
185	148.94	157.10	
190	168.72	177.78	
195	186.30	196.19	
200	201.50	212.10	
205	214.19	225.39	
210	224.26	235.95	
215	231.66	243.70	
220	236.34	248.60	
225	238.27	250.63	
230	237.44	249.76	
235	233.86	246.01	
240	227.55	239.39	
245	218.53	229.95	
250	206.88	217.74	
255	192.68	202.86	
260	176.03	185.43	
265	157.10	165.63	
270	136.12	143.71	
275	113.46	120.06	
280	89.76	95.42	
285	66.45	71.35	
290	47.56	52.12	
295	43.23	47.79	
300	58.80	63.52	
305	84.74	90.22	
310	114.54	121.19	
315	145.84	153.86	
320	177.62	187.10	
325	209.26	220.23	
330	240.34	252.80	
335	270.49	284.41	
340	299.42	314.75	
345	326.89	343.56	
350	352.67	370.61	
355	376.60	395.71	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission