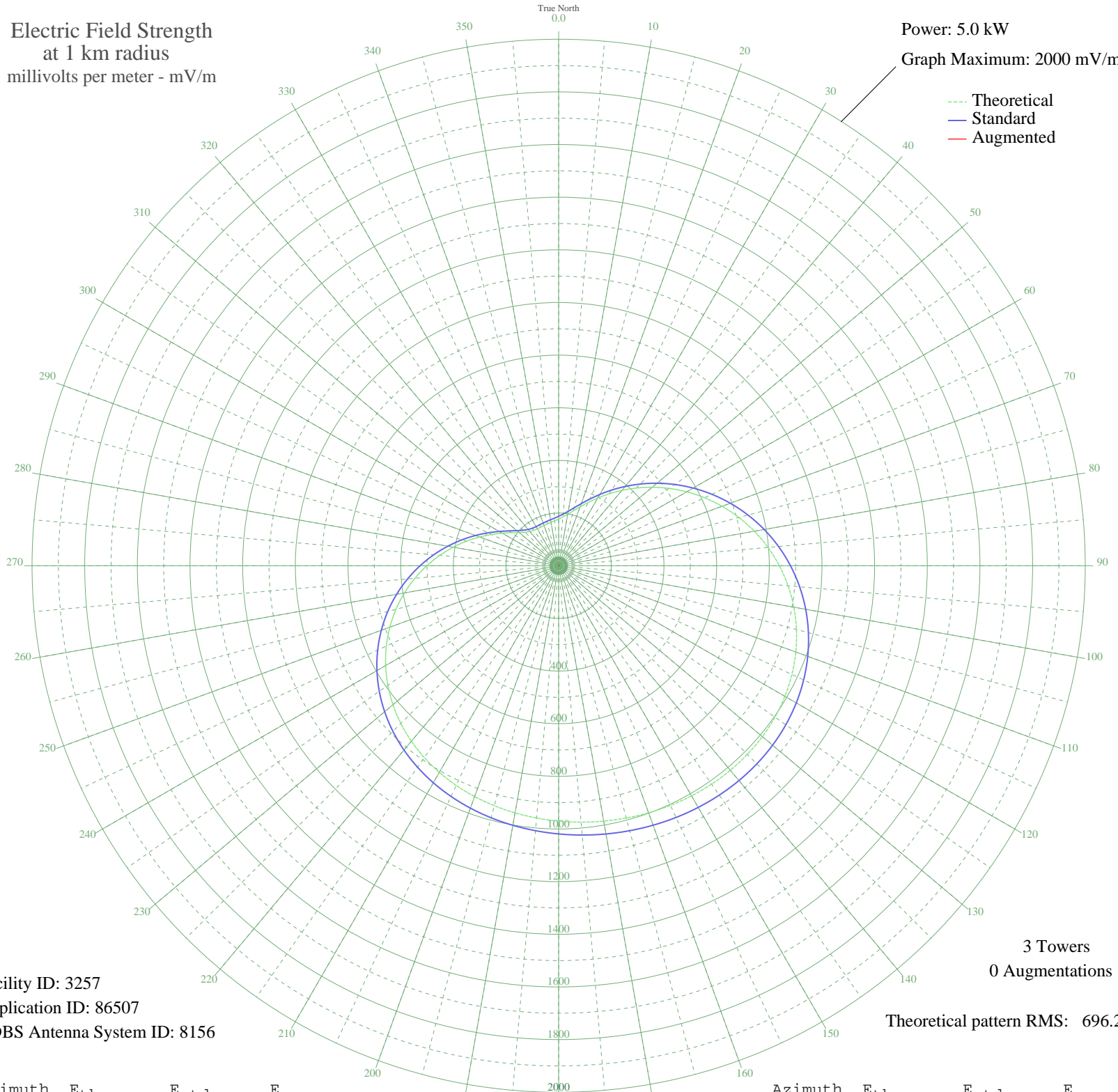


WMSW HATILLO, PR BL-19860313AA 1120 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 3257
Application ID: 86507
CDBS Antenna System ID: 8156

3 Towers
0 Augmentations

Theoretical pattern RMS: 696.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	177.38	187.73	
5	186.22	196.94	
10	198.81	210.07	
15	215.89	227.90	
20	237.89	250.88	
25	264.92	279.16	
30	296.83	312.55	
35	333.22	350.67	
40	373.58	392.96	
45	417.29	438.78	
50	463.66	487.41	
55	511.95	538.06	
60	561.37	589.91	
65	611.15	642.13	
70	660.46	693.88	
75	708.54	744.34	
80	754.64	792.71	
85	798.07	838.30	
90	838.25	880.48	
95	874.69	918.72	
100	907.01	952.65	
105	934.97	982.00	
110	958.45	1006.65	
115	977.49	1026.63	
120	992.21	1042.08	
125	1002.87	1053.28	
130	1009.83	1060.58	
135	1013.48	1064.42	
140	1014.31	1065.28	
145	1012.78	1063.68	
150	1009.38	1060.11	
155	1004.56	1055.05	
160	998.72	1048.92	
165	992.16	1042.04	
170	985.14	1034.66	
175	977.76	1026.92	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	970.07	1018.85	
185	961.98	1010.35	
190	953.29	1001.23	
195	943.75	991.22	
200	933.02	979.95	
205	920.69	967.01	
210	906.35	951.96	
215	889.60	934.37	
220	870.04	913.84	
225	847.35	890.02	
230	821.27	862.66	
235	791.68	831.59	
240	758.53	796.80	
245	721.94	758.40	
250	682.15	716.65	
255	639.55	671.94	
260	594.65	624.82	
265	548.08	575.97	
270	500.61	526.16	
275	453.05	476.28	
280	406.31	427.27	
285	361.35	380.14	
290	319.14	335.92	
295	280.68	295.65	
300	246.89	260.30	
305	218.60	230.73	
310	196.36	207.51	
315	180.27	190.74	
320	169.87	179.90	
325	164.13	173.92	
330	161.77	171.47	
335	161.58	171.28	
340	162.68	172.42	
345	164.61	174.43	
350	167.38	177.31	
355	171.40	181.50	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission