

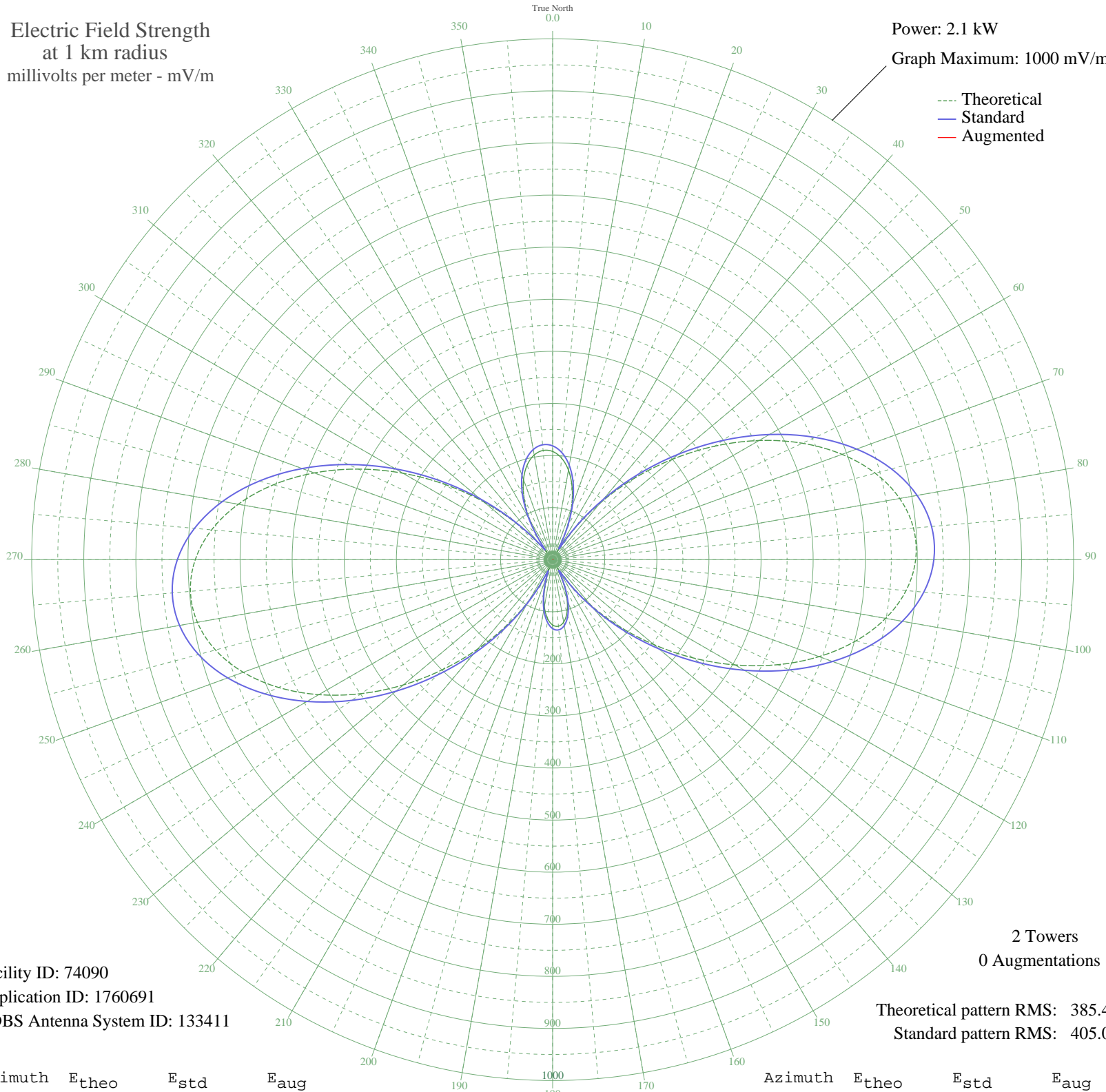
WQNO NEW ORLEANS, LA BMML-20170703AFC 690 kHz

Nighttime

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

Power: 2.1 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 74090  
Application ID: 1760691  
CDBS Antenna System ID: 133411

2 Towers  
0 Augmentations

Theoretical pattern RMS: 385.44  
Standard pattern RMS: 405.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	207.73	218.50	
5	195.80	206.00	
10	174.64	183.83	
15	144.27	152.03	
20	104.82	110.83	
25	57.16	61.41	
30	18.23	23.12	
35	71.33	76.01	
40	142.55	150.24	
45	219.56	230.91	
50	299.62	314.87	
55	379.95	399.16	
60	457.47	480.52	
65	528.96	555.55	
70	591.17	620.86	
75	641.15	673.34	
80	676.44	710.38	
85	695.27	730.15	
90	696.78	731.73	
95	681.02	715.18	
100	649.00	681.58	
105	602.59	632.85	
110	544.30	571.66	
115	477.11	501.13	
120	404.20	424.61	
125	328.74	345.43	
130	253.69	266.69	
135	181.67	191.20	
140	114.96	121.40	
145	55.94	60.16	
150	17.91	22.84	
155	47.26	51.29	
160	80.68	85.70	
165	105.78	111.82	
170	121.70	128.44	
175	128.27	135.31	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	125.46	132.37	
185	113.26	119.63	
190	91.80	97.26	
195	61.49	65.85	
200	25.66	29.90	
205	35.74	39.70	
210	90.25	95.65	
215	154.23	162.46	
220	224.39	235.96	
225	298.52	313.71	
230	374.15	393.08	
235	448.45	471.06	
240	518.32	544.39	
245	580.54	609.71	
250	632.04	663.77	
255	670.07	703.70	
260	692.51	727.25	
265	697.97	732.98	
270	686.02	720.43	
275	657.15	690.13	
280	612.78	643.55	
285	555.13	583.03	
290	486.98	511.49	
295	411.48	432.24	
300	331.89	348.72	
305	251.37	264.26	
310	172.82	181.92	
315	98.91	104.66	
320	33.89	37.87	
325	36.86	40.82	
330	86.63	91.88	
335	129.56	136.65	
340	163.60	172.27	
345	188.44	198.29	
350	204.06	214.66	
355	210.48	221.39	

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.

6 Oct 2022

Prepared by Audio Division, Media Bureau  
Federal Communications Commission