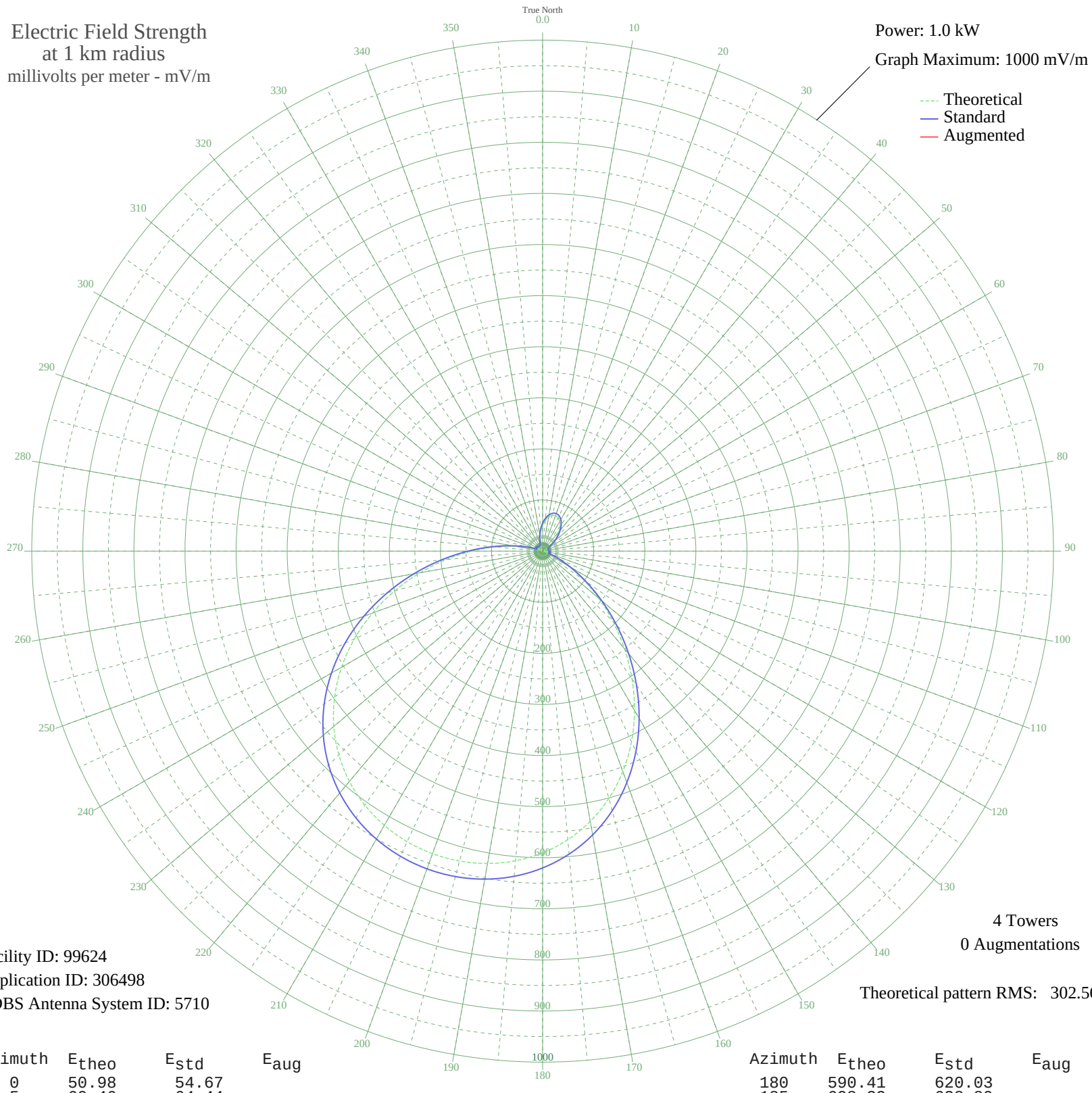
NEW YUMA, AZ -- 1030 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 99624
Application ID: 306498
CDBS Antenna System ID: 5710

Theoretical pattern RMS: 302.56

Azimuth	E_{theo}	E_{std}	E_{aug}
0	50.98	54.67	
5	60.46	64.44	
10	67.74	71.98	
15	72.27	76.69	
20	73.70	78.18	
25	71.95	76.36	
30	67.12	71.35	
35	59.60	63.55	
40	49.94	53.60	
45	38.94	42.36	
50	27.50	30.93	
55	16.63	20.69	
60	7.32	13.50	
65	0.42	11.11	
70	3.50	11.69	
75	4.25	11.97	
80	2.18	11.33	
85	1.85	11.27	
90	6.41	12.98	
95	9.65	15.03	
100	9.53	14.94	
105	3.98	11.86	
110	8.71	14.38	
115	29.74	33.14	
120	59.55	63.51	
125	97.81	103.30	
130	143.38	150.96	
135	194.54	204.57	
140	249.15	261.84	
145	304.92	320.36	
150	359.68	377.83	
155	411.51	432.23	
160	458.93	482.01	
165	500.92	526.09	
170	536.91	563.86	
175	566.71	595.15	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	590.41	620.03	
185	608.29	638.80	
190	620.67	651.80	
195	627.87	659.35	
200	630.08	661.67	
205	627.37	658.84	
210	619.67	650.75	
215	606.75	637.19	
220	588.31	617.82	
225	564.01	592.31	
230	533.59	560.38	
235	496.99	521.95	
240	454.42	477.27	
245	406.50	426.97	
250	354.31	372.19	
255	299.36	314.52	
260	243.59	256.02	
265	189.23	199.00	
270	138.54	145.89	
275	93.63	98.93	
280	56.18	60.03	
285	27.24	30.68	
290	7.08	13.36	
295	4.83	12.21	
300	9.75	15.10	
305	9.45	14.89	
310	5.98	12.75	
315	1.40	11.20	
320	2.49	11.41	
325	4.32	11.99	
330	3.25	11.61	
335	0.98	11.15	
340	8.16	14.02	
345	17.66	21.62	
350	28.63	32.05	
355	40.07	43.52	