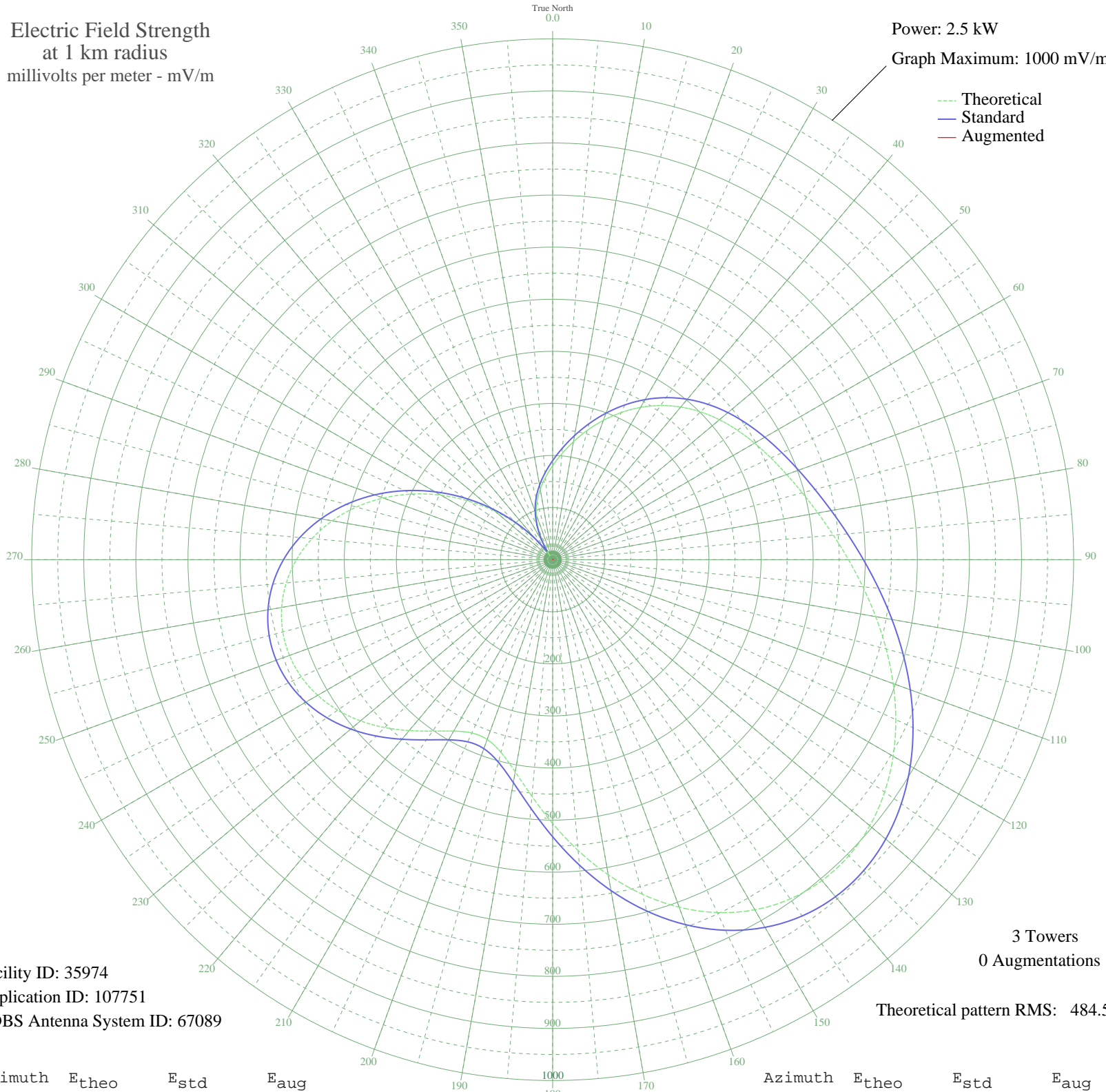


KYLAL SAPULPA, OK BL-19871215AB 1550 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



Facility ID: 35974
Application ID: 107751
CDBS Antenna System ID: 67089

3 Towers
0 Augmentations

Theoretical pattern RMS: 484.57

Azimuth	E _{theo}	E _{std}	E _{aug}
0	180.43	190.18	
5	204.19	215.04	
10	229.87	241.93	
15	256.98	270.33	
20	284.62	299.31	
25	311.79	327.80	
30	337.56	354.82	
35	361.25	379.68	
40	382.51	401.98	
45	401.31	421.71	
50	417.98	439.19	
55	433.10	455.06	
60	447.52	470.19	
65	462.19	485.58	
70	478.08	502.26	
75	496.08	521.15	
80	516.86	542.96	
85	540.78	568.06	
90	567.86	596.48	
95	597.73	627.84	
100	629.70	661.39	
105	662.73	696.06	
110	695.56	730.53	
115	726.75	763.27	
120	754.72	792.63	
125	777.90	816.96	
130	794.75	834.65	
135	803.91	844.27	
140	804.29	844.66	
145	795.13	835.05	
150	776.15	815.12	
155	747.53	785.09	
160	710.04	745.73	
165	664.99	698.43	
170	614.27	645.20	
175	560.39	588.64	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	506.44	532.02	
185	456.13	479.22	
190	413.63	434.63	
195	383.06	402.56	
200	367.40	386.13	
205	367.18	385.90	
210	380.06	399.41	
215	401.91	422.34	
220	428.38	450.11	
225	455.82	478.90	
230	481.53	505.88	
235	503.63	529.08	
240	520.86	547.15	
245	532.36	559.23	
250	537.61	564.74	
255	536.28	563.34	
260	528.20	554.86	
265	513.33	539.25	
270	491.77	516.63	
275	463.76	487.24	
280	429.70	451.49	
285	390.17	410.02	
290	345.96	363.64	
295	298.05	313.39	
300	247.64	260.55	
305	196.07	206.54	
310	144.80	152.94	
315	95.33	101.46	
320	49.16	54.22	
325	10.55	19.96	
330	32.62	38.06	
335	64.40	69.63	
340	91.87	97.89	
345	115.72	122.64	
350	137.36	145.18	
355	158.45	167.19	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission