

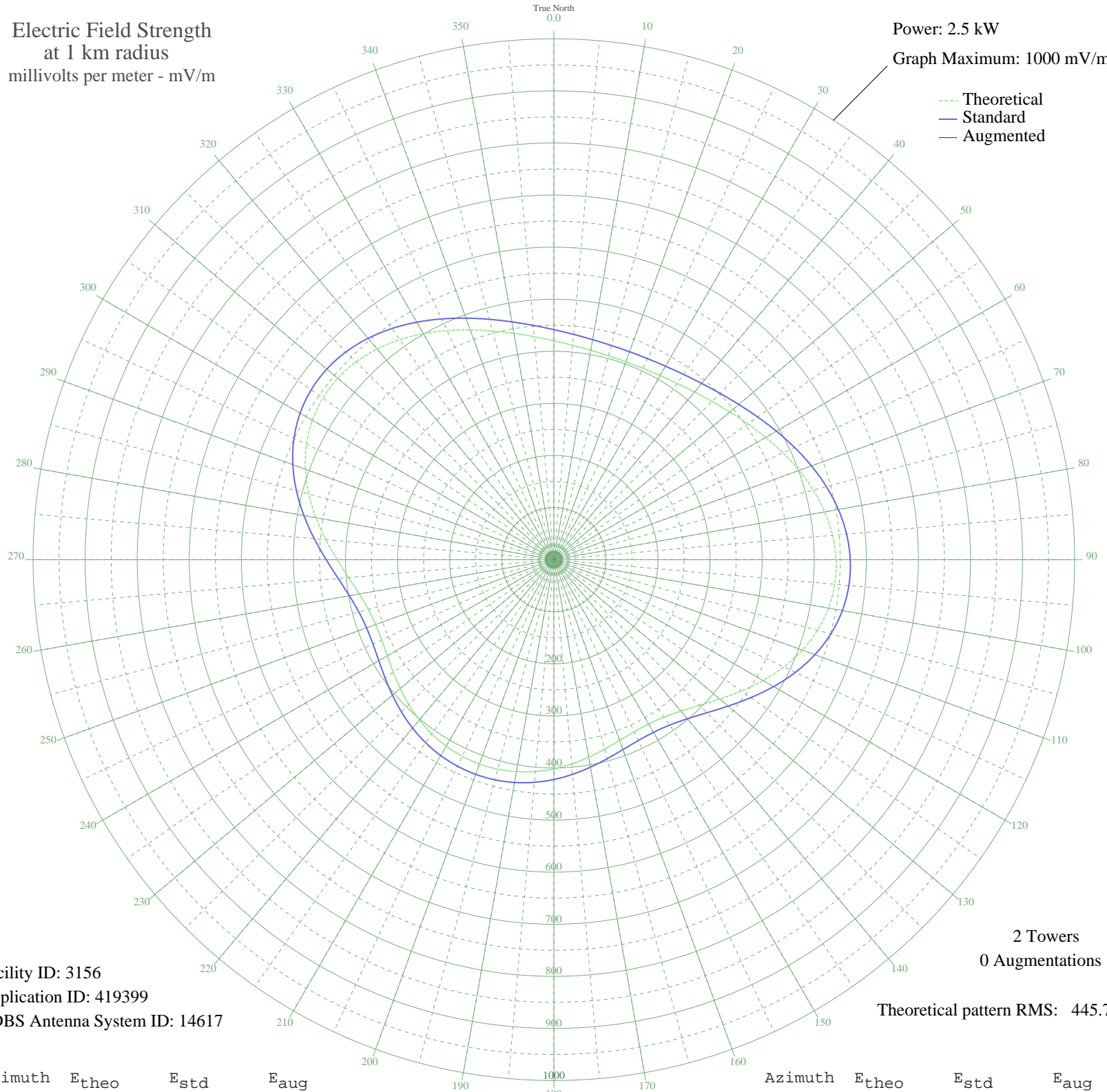
KZER SANTA BARBARA, CA BL-19850125AB 1250 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 3156
Application ID: 419399
CDBS Antenna System ID: 14617

2 Towers
0 Augmentations

Theoretical pattern RMS: 445.79

Azimuth	E _{theo}	E _{std}	E _{aug}
0	420.34	441.67	
5	413.19	434.16	
10	408.19	428.92	
15	405.25	425.84	
20	404.28	424.82	
25	405.25	425.84	
30	408.19	428.92	
35	413.19	434.16	
40	420.34	441.67	
45	429.70	451.49	
50	441.22	463.57	
55	454.67	477.69	
60	469.62	493.39	
65	485.41	509.95	
70	501.13	526.45	
75	515.74	541.79	
80	528.12	554.78	
85	537.15	564.25	
90	541.83	569.17	
95	541.44	568.75	
100	535.54	562.56	
105	524.14	550.60	
110	507.70	533.34	
115	487.13	511.76	
120	463.82	487.30	
125	439.49	461.76	
130	416.07	437.19	
135	395.51	415.62	
140	379.45	398.77	
145	368.93	387.73	
150	364.19	382.76	
155	364.67	383.26	
160	369.22	388.03	
165	376.43	395.61	
170	384.96	404.55	
175	393.65	413.67	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	401.65	422.06	
185	408.34	429.08	
190	413.34	434.33	
195	416.42	437.56	
200	417.46	438.65	
205	416.42	437.56	
210	413.34	434.33	
215	408.34	429.08	
220	401.65	422.06	
225	393.65	413.67	
230	384.96	404.55	
235	376.43	395.61	
240	369.22	388.03	
245	364.67	383.26	
250	364.19	382.76	
255	368.93	387.73	
260	379.45	398.77	
265	395.51	415.62	
270	416.07	437.19	
275	439.49	461.76	
280	463.82	487.30	
285	487.13	511.76	
290	507.70	533.34	
295	524.14	550.60	
300	535.54	562.56	
305	541.44	568.75	
310	541.83	569.17	
315	537.15	564.25	
320	528.12	554.78	
325	515.74	541.79	
330	501.13	526.45	
335	485.41	509.95	
340	469.62	493.39	
345	454.67	477.69	
350	441.22	463.57	
355	429.70	451.49	

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