

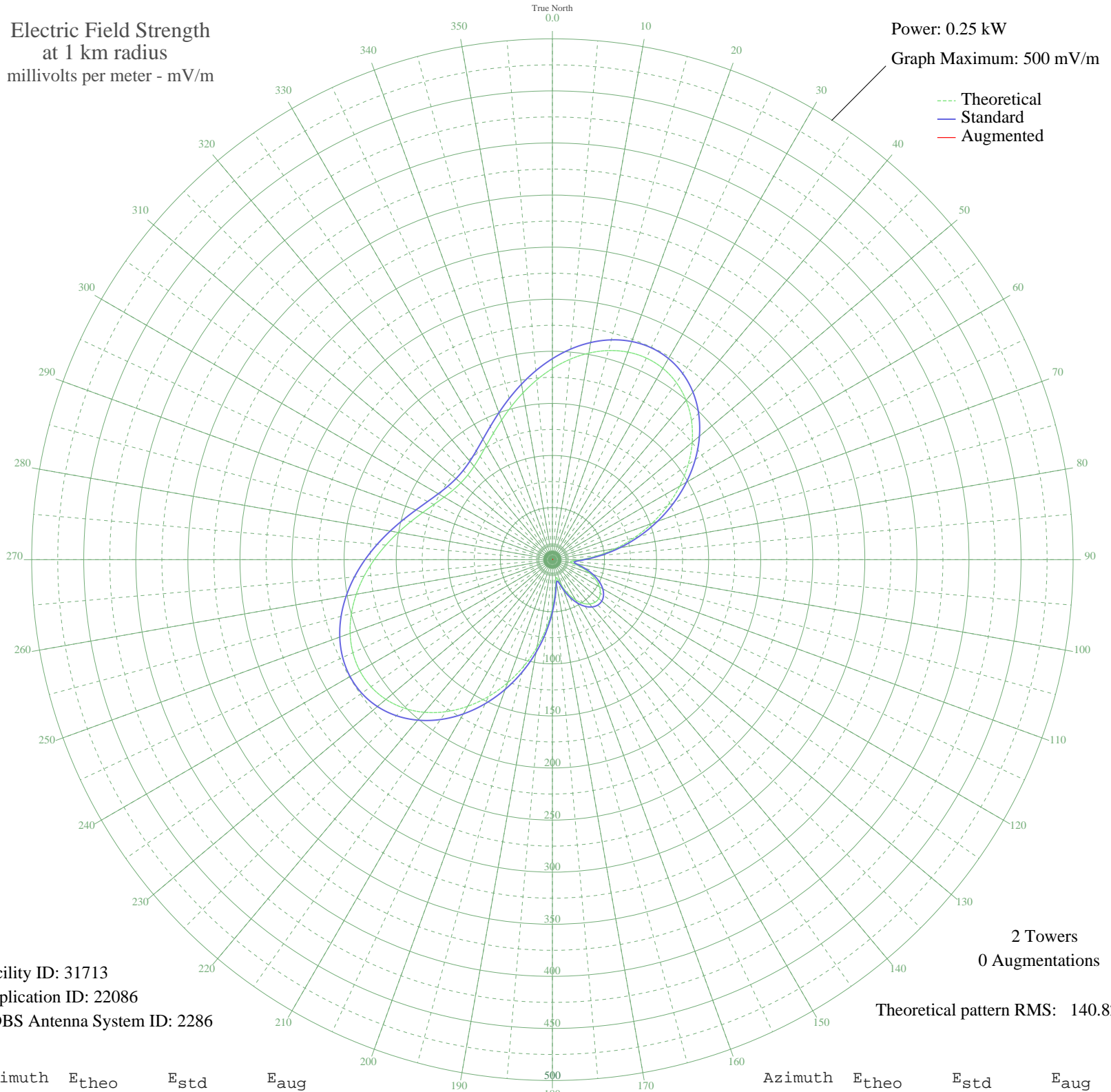
# KAPZ BALD KNOB, AR BL-19800729AG 710 kHz

Daytime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 31713  
Application ID: 22086  
CDBS Antenna System ID: 2286

2 Towers  
0 Augmentations

Theoretical pattern RMS: 140.82

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	183.48	192.94	
5	193.05	202.97	
10	201.33	211.66	
15	207.81	218.45	
20	212.01	222.86	
25	213.54	224.46	
30	212.09	222.94	
35	207.49	218.12	
40	199.71	209.96	
45	188.87	198.59	
50	175.22	184.28	
55	159.16	167.44	
60	141.16	148.59	
65	121.81	128.33	
70	101.69	107.29	
75	81.46	86.18	
80	61.76	65.69	
85	43.37	46.73	
90	27.56	30.79	
95	17.94	21.56	
100	20.13	23.60	
105	28.98	32.19	
110	38.23	41.49	
115	46.13	49.56	
120	52.17	55.78	
125	56.18	59.91	
130	58.09	61.89	
135	57.87	61.67	
140	55.54	59.26	
145	51.12	54.69	
150	44.69	48.08	
155	36.46	39.70	
160	27.07	30.30	
165	18.84	22.40	
170	19.03	22.57	
175	30.41	33.61	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	46.90	50.35	
185	65.63	69.70	
190	85.49	90.37	
195	105.75	111.53	
200	125.76	132.46	
205	144.89	152.50	
210	162.54	170.99	
215	178.16	187.36	
220	191.27	201.11	
225	201.52	211.85	
230	208.67	219.35	
235	212.63	223.51	
240	213.47	224.38	
245	211.38	222.19	
250	206.68	217.27	
255	199.80	210.05	
260	191.22	201.05	
265	181.46	190.82	
270	171.05	179.90	
275	160.49	168.84	
280	150.27	158.13	
285	140.80	148.21	
290	132.42	139.44	
295	125.43	132.12	
300	120.06	126.50	
305	116.46	122.73	
310	114.73	120.92	
315	114.92	121.12	
320	117.03	123.33	
325	121.00	127.48	
330	126.71	133.46	
335	133.99	141.08	
340	142.61	150.11	
345	152.27	160.23	
350	162.59	171.04	
355	173.15	182.12	