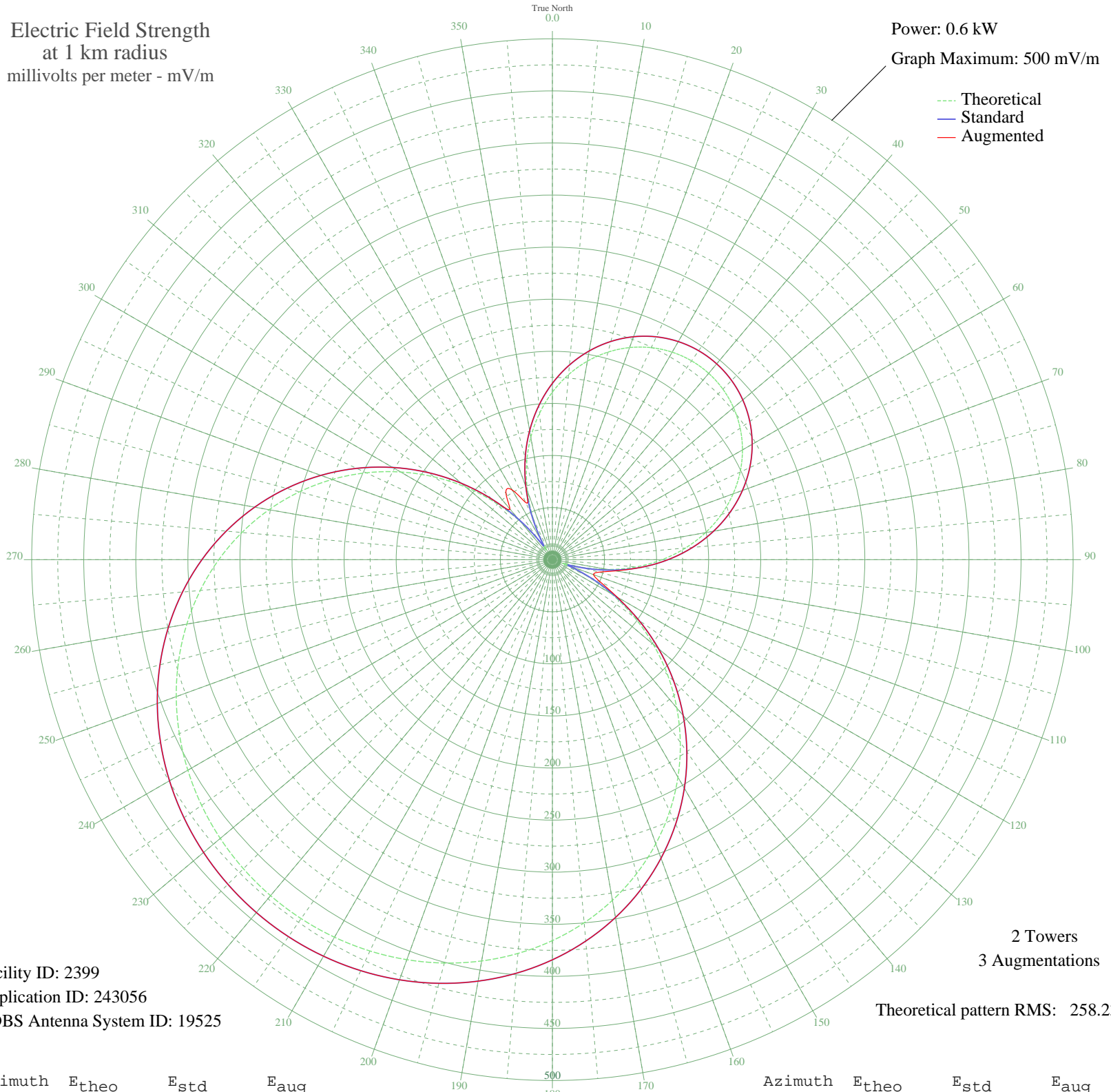


# KTDD SAN BERNARDINO, CA BL-19970325AE 1350 kHz

Nighttime

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

Power: 0.6 kW  
Graph Maximum: 500 mV/m



Facility ID: 2399  
Application ID: 243056  
CDBS Antenna System ID: 19525

2 Towers  
3 Augmentations  
Theoretical pattern RMS: 258.23

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	160.85	169.22	169.37
5	178.33	187.54	187.61
10	193.50	203.45	203.45
15	206.29	216.86	216.86
20	216.65	227.73	227.73
25	224.57	236.03	236.03
30	230.02	241.75	241.75
35	232.99	244.87	244.87
40	233.49	245.39	245.39
45	231.51	243.31	243.31
50	227.05	238.63	238.63
55	220.12	231.36	231.36
60	210.73	221.51	221.51
65	198.90	209.11	209.11
70	184.68	194.20	194.20
75	168.11	176.83	176.83
80	149.28	157.10	157.10
85	128.30	135.13	135.13
90	105.32	111.09	111.09
95	80.55	85.23	85.25
100	54.29	57.96	61.74
105	27.36	30.59	46.32
110	11.30	15.84	42.08
115	35.58	38.81	50.78
120	65.39	69.46	71.69
125	95.88	101.22	101.22
130	126.38	133.11	133.11
135	156.47	164.63	164.63
140	185.82	195.39	195.39
145	214.12	225.07	225.07
150	241.11	253.38	253.38
155	266.56	280.08	280.08
160	290.28	304.98	304.98
165	312.14	327.92	327.92
170	332.03	348.79	348.79
175	349.89	367.54	367.54

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	365.70	384.12	384.12
185	379.44	398.55	398.55
190	391.15	410.84	410.84
195	400.87	421.04	421.04
200	408.63	429.19	429.19
205	414.50	435.35	435.35
210	418.50	439.55	439.55
215	420.67	441.83	441.83
220	421.03	442.21	442.21
225	419.59	440.69	440.69
230	416.32	437.26	437.26
235	411.20	431.89	431.89
240	404.21	424.55	424.55
245	395.28	415.17	415.17
250	384.37	403.72	403.72
255	371.44	390.15	390.15
260	356.46	374.43	374.43
265	339.42	356.55	356.55
270	320.34	336.52	336.52
275	299.26	314.40	314.40
280	276.26	290.27	290.27
285	251.48	264.27	264.27
290	225.08	236.57	236.57
295	197.28	207.41	207.41
300	168.31	177.04	177.04
305	138.48	145.78	145.78
310	108.10	113.99	113.99
315	77.56	82.11	82.11
320	47.35	50.81	63.48
325	19.08	22.62	77.76
330	17.30	20.98	77.30
335	43.50	46.87	60.37
340	70.20	74.45	74.45
345	95.62	100.94	100.97
350	119.34	125.75	125.87
355	141.14	148.57	148.75

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission