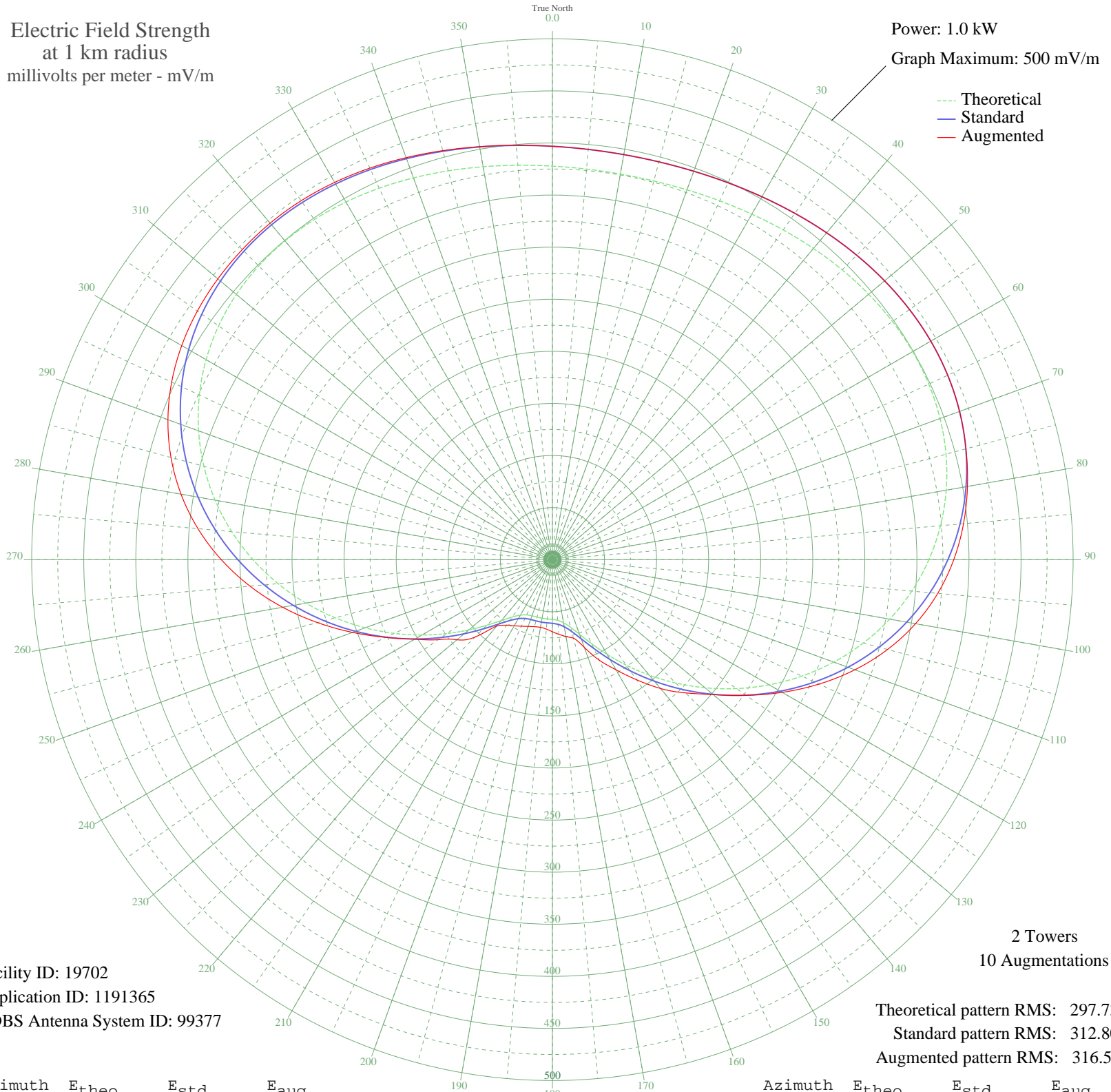


KOSS LANCASTER, CA BL-20070607AFA 1380 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 19702  
Application ID: 1191365  
CDBS Antenna System ID: 99377

Theoretical pattern RMS: 297.73  
Standard pattern RMS: 312.80  
Augmented pattern RMS: 316.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	377.80	396.83	396.83
5	376.38	395.33	395.33
10	375.89	394.82	394.82
15	376.38	395.33	395.33
20	377.80	396.83	396.83
25	380.06	399.21	399.21
30	383.01	402.30	402.30
35	386.41	405.87	405.87
40	390.00	409.64	409.64
45	393.47	413.27	413.27
50	396.45	416.40	416.40
55	398.57	418.63	418.63
60	399.47	419.57	419.57
65	398.76	418.83	418.83
70	396.13	416.06	416.06
75	391.27	410.96	411.17
80	383.96	403.30	404.70
85	374.07	392.92	396.30
90	361.54	379.77	385.40
95	346.42	363.90	371.45
100	328.86	345.47	354.06
105	309.10	324.73	333.17
110	287.48	302.03	309.09
115	264.40	277.81	282.58
120	240.32	252.56	254.79
125	215.77	226.80	227.17
130	191.28	201.11	201.56
135	167.39	176.07	180.89
140	144.66	152.26	161.46
145	123.66	130.27	140.68
150	104.93	110.67	122.12
155	89.00	94.04	106.53
160	76.34	80.84	89.61
165	67.21	71.35	78.00
170	61.48	65.40	74.91
175	58.51	62.33	71.98

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	57.36	61.13	69.18
185	57.09	60.85	66.90
190	57.07	60.83	65.98
195	57.09	60.85	66.60
200	57.36	61.13	68.22
205	58.51	62.33	70.46
210	61.48	65.40	73.35
215	67.21	71.35	76.83
220	76.34	80.84	83.16
225	89.00	94.04	105.21
230	104.93	110.67	119.62
235	123.66	130.27	133.95
240	144.66	152.26	152.79
245	167.39	176.07	176.58
250	191.28	201.11	204.18
255	215.77	226.80	233.50
260	240.32	252.56	263.03
265	264.40	277.81	291.51
270	287.48	302.03	317.96
275	309.10	324.73	341.65
280	328.86	345.47	362.10
285	346.42	363.90	379.16
290	361.54	379.77	392.87
295	374.07	392.92	403.38
300	383.96	403.30	411.00
305	391.27	410.96	416.16
310	396.13	416.06	419.34
315	398.76	418.83	421.05
320	399.47	419.57	421.65
325	398.57	418.63	420.64
330	396.45	416.40	418.19
335	393.47	413.27	414.73
340	390.00	409.64	410.71
345	386.41	405.87	406.53
350	383.01	402.30	402.61
355	380.06	399.21	399.29