

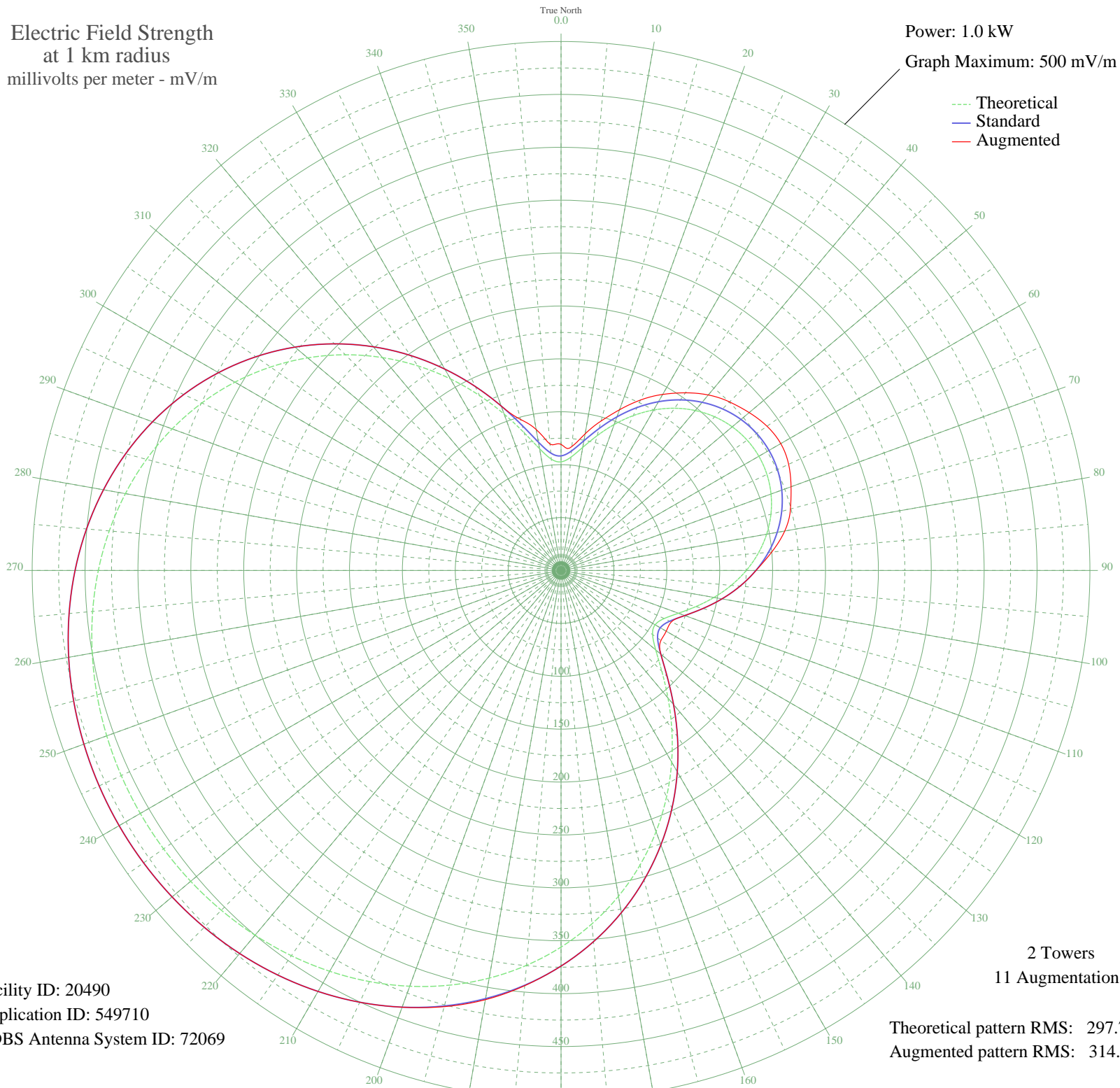
KDEI PORT ARTHUR, TX BML-20001103ACN 1250 kHz

Nighttime

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

Power: 1.0 kW

Graph Maximum: 500 mV/m



Facility ID: 20490
Application ID: 549710
CDBS Antenna System ID: 72069

Theoretical pattern RMS: 297.73
Augmented pattern RMS: 314.36

Azimuth	E _{theo}	E _{std}	E _{aug}
0	102.66	108.30	119.24
5	107.55	113.41	117.65
10	118.15	124.51	131.14
15	131.92	138.91	146.27
20	146.81	154.51	161.67
25	161.50	169.90	177.79
30	175.15	184.20	192.16
35	187.21	196.85	205.01
40	197.38	207.51	216.57
45	205.43	215.96	225.31
50	211.26	222.07	232.19
55	214.78	225.76	237.71
60	215.96	227.00	239.86
65	214.78	225.76	237.42
70	211.26	222.07	231.41
75	205.43	215.96	224.55
80	197.38	207.51	214.75
85	187.21	196.85	199.97
90	175.15	184.20	184.31
95	161.50	169.90	169.90
100	146.81	154.51	154.51
105	131.92	138.91	138.91
110	118.15	124.51	124.51
115	107.55	113.41	115.05
120	102.66	108.30	114.82
125	105.65	111.42	115.30
130	116.85	123.14	123.14
135	134.76	141.89	141.89
140	157.25	165.45	165.45
145	182.48	191.90	191.90
150	209.09	219.79	219.79
155	236.07	248.09	248.09
160	262.68	276.01	276.01
165	288.35	302.95	302.95
170	312.66	328.46	328.46
175	335.28	352.20	352.20

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	356.00	373.95	373.95
185	374.69	393.56	393.98
190	391.27	410.97	411.98
195	405.77	426.18	426.86
200	418.23	439.26	439.31
205	428.75	450.31	450.31
210	437.47	459.47	459.47
215	444.53	466.87	466.87
220	450.06	472.68	472.68
225	454.20	477.03	477.03
230	457.07	480.04	480.04
235	458.76	481.81	481.81
240	459.31	482.39	482.47
245	458.76	481.81	481.81
250	457.07	480.04	480.04
255	454.20	477.03	477.03
260	450.06	472.68	472.68
265	444.53	466.87	466.87
270	437.47	459.47	459.47
275	428.75	450.31	450.31
280	418.23	439.26	439.26
285	405.77	426.18	426.18
290	391.27	410.97	410.97
295	374.69	393.56	393.56
300	356.00	373.95	373.95
305	335.28	352.20	352.20
310	312.66	328.46	328.46
315	288.35	302.95	302.95
320	262.68	276.01	276.01
325	236.07	248.09	248.09
330	209.09	219.79	219.79
335	182.48	191.90	191.90
340	157.25	165.45	165.45
345	134.76	141.89	147.78
350	116.85	123.14	135.28
355	105.65	111.42	119.89