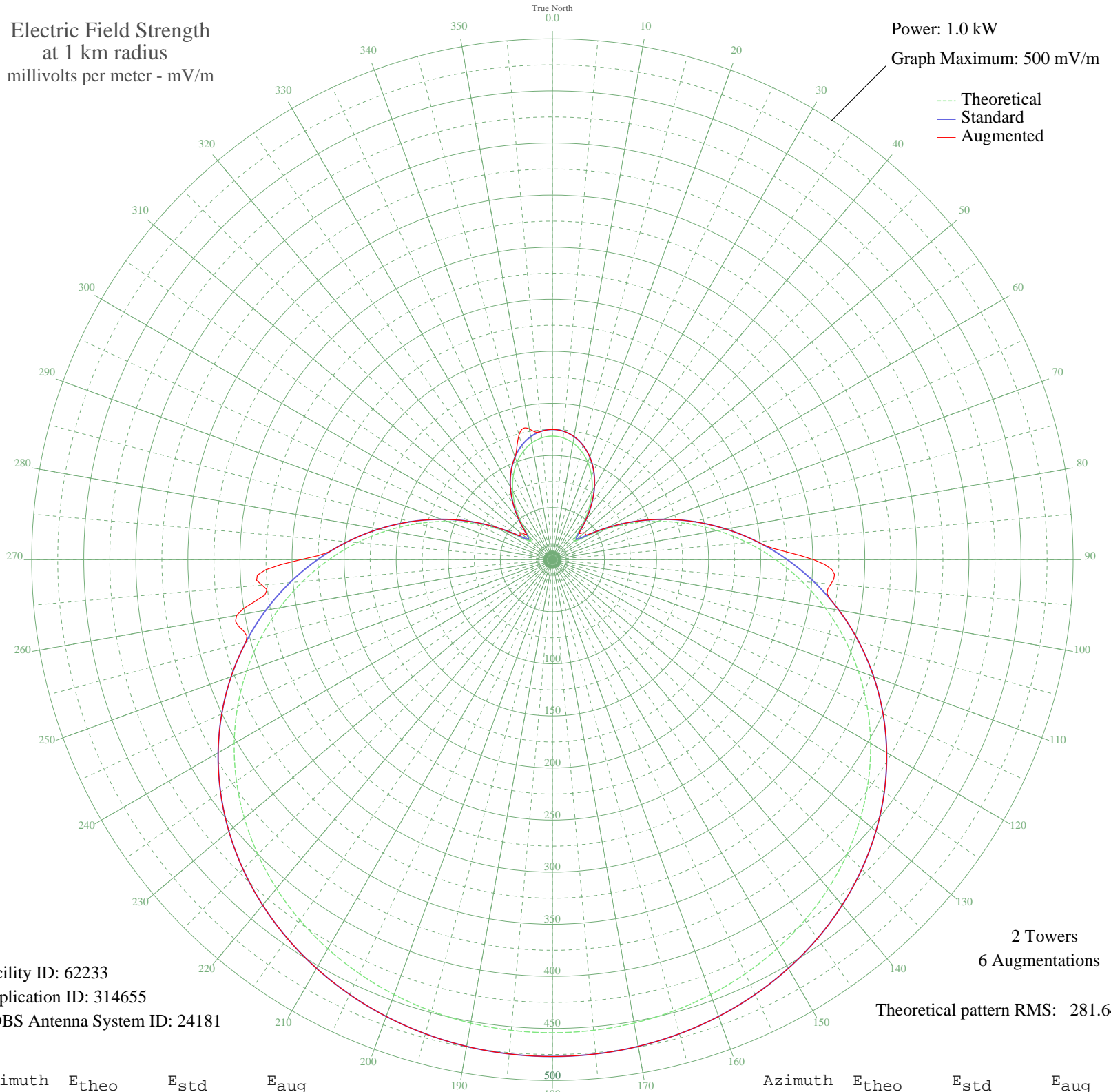


# KBLU YUMA, AZ BL-- 560 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 62233  
Application ID: 314655  
CDBS Antenna System ID: 24181

2 Towers  
6 Augmentations  
Theoretical pattern RMS: 281.64

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	118.62	125.00	125.00
5	117.41	123.73	123.73
10	113.78	119.93	119.93
15	107.76	113.64	113.64
20	99.42	104.91	104.91
25	88.84	93.87	93.87
30	76.21	80.70	80.70
35	61.85	65.78	65.78
40	46.52	49.96	49.96
45	32.54	35.74	36.38
50	27.29	30.52	40.23
55	38.08	41.34	41.89
60	58.12	61.92	61.92
65	81.84	86.57	86.57
70	107.36	113.21	113.21
75	133.86	140.95	140.95
80	160.85	169.22	169.22
85	187.89	197.56	197.56
90	214.62	225.60	250.86
95	240.73	252.98	268.37
100	265.90	279.39	279.39
105	289.89	304.57	304.57
110	312.48	328.28	328.28
115	333.50	350.34	350.34
120	352.83	370.62	370.62
125	370.37	389.03	389.03
130	386.10	405.54	405.54
135	400.01	420.14	420.14
140	412.14	432.88	432.88
145	422.55	443.81	443.81
150	431.32	453.01	453.01
155	438.54	460.58	460.58
160	444.28	466.62	466.62
165	448.65	471.20	471.20
170	451.71	474.42	474.42
175	453.53	476.32	476.32

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	454.13	476.95	476.95
185	453.53	476.32	476.32
190	451.71	474.42	474.42
195	448.65	471.20	471.20
200	444.28	466.62	466.62
205	438.54	460.58	460.58
210	431.32	453.01	453.01
215	422.55	443.81	443.81
220	412.14	432.88	432.88
225	400.01	420.14	420.14
230	386.10	405.54	405.54
235	370.37	389.03	389.03
240	352.83	370.62	370.62
245	333.50	350.34	350.34
250	312.48	328.28	328.28
255	289.89	304.57	304.57
260	265.90	279.39	307.88
265	240.73	252.98	279.85
270	214.62	225.60	241.77
275	187.89	197.56	197.56
280	160.85	169.22	169.22
285	133.86	140.95	140.95
290	107.36	113.21	113.21
295	81.84	86.57	86.57
300	58.12	61.92	61.92
305	38.08	41.34	41.34
310	27.29	30.52	40.23
315	32.54	35.74	35.74
320	46.52	49.96	49.96
325	61.85	65.78	65.78
330	76.21	80.70	80.70
335	88.84	93.87	93.87
340	99.42	104.91	104.91
345	107.76	113.64	123.94
350	113.78	119.93	127.38
355	117.41	123.73	123.73

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.

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06 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission