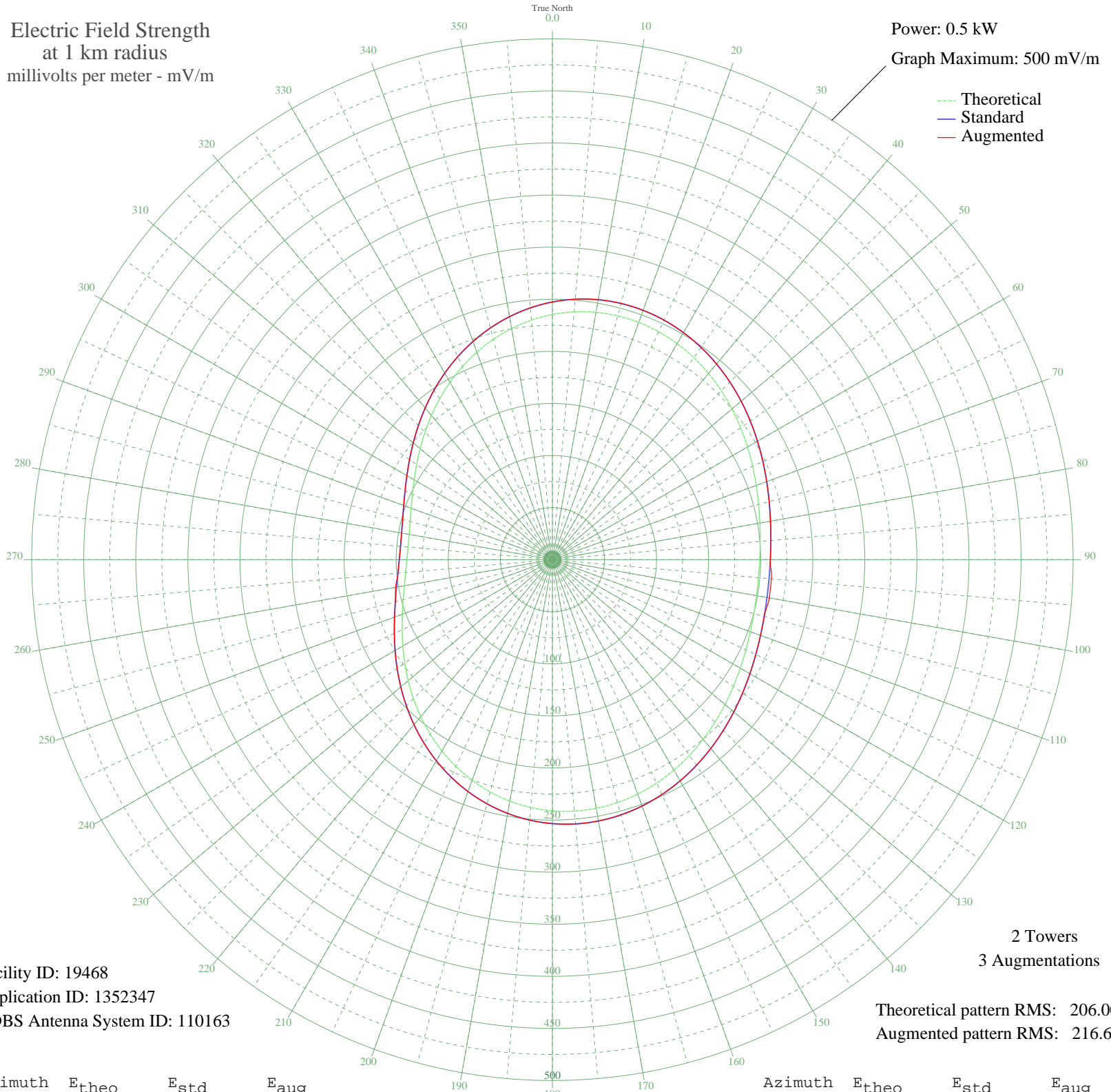


KIHP MESA, AZ BML-20091216AFV 1310 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 19468
Application ID: 1352347
CDBS Antenna System ID: 110163

Theoretical pattern RMS: 206.00
Augmented pattern RMS: 216.62

Azimuth	Etheo	Estd	Eaug
0	235.35	247.34	247.34
5	238.79	250.95	250.95
10	241.11	253.39	253.39
15	242.30	254.63	254.63
20	242.38	254.71	254.71
25	241.40	253.69	253.69
30	239.48	251.67	251.67
35	236.73	248.79	248.79
40	233.30	245.19	245.19
45	229.37	241.07	241.07
50	225.10	236.59	236.59
55	220.69	231.97	231.97
60	216.31	227.37	227.37
65	212.13	222.99	222.99
70	208.31	218.98	218.98
75	204.99	215.49	215.49
80	202.28	212.65	212.65
85	200.27	210.55	210.55
90	199.04	209.25	209.25
95	198.62	208.82	211.10
100	199.04	209.25	211.47
105	200.27	210.55	210.55
110	202.27	212.65	212.65
115	204.99	215.49	215.49
120	208.31	218.98	218.98
125	212.13	222.99	222.99
130	216.31	227.37	227.37
135	220.69	231.97	231.97
140	225.10	236.59	236.59
145	229.37	241.07	241.07
150	233.30	245.19	245.19
155	236.73	248.79	248.79
160	239.48	251.67	251.67
165	241.40	253.69	253.69
170	242.38	254.71	254.71
175	242.30	254.63	254.63

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	241.11	253.39	253.39
185	238.79	250.95	250.95
190	235.35	247.34	247.34
195	230.85	242.62	242.62
200	225.38	236.88	236.88
205	219.05	230.25	230.25
210	212.04	222.89	222.89
215	204.50	214.98	214.98
220	196.64	206.73	206.73
225	188.64	198.35	198.35
230	180.70	190.03	190.03
235	173.03	181.98	181.98
240	165.80	174.40	174.40
245	159.17	167.46	167.46
250	153.30	161.31	161.31
255	148.33	156.10	156.10
260	144.34	151.92	152.89
265	141.44	148.88	148.88
270	139.67	147.03	147.03
275	139.08	146.41	146.41
280	139.67	147.03	147.03
285	141.44	148.88	148.88
290	144.34	151.92	151.92
295	148.33	156.10	156.10
300	153.30	161.31	161.31
305	159.17	167.46	167.46
310	165.80	174.40	174.40
315	173.03	181.98	181.98
320	180.70	190.03	190.03
325	188.64	198.35	198.35
330	196.64	206.73	206.73
335	204.50	214.98	214.98
340	212.04	222.89	222.89
345	219.05	230.25	230.25
350	225.38	236.88	236.88
355	230.85	242.62	242.62