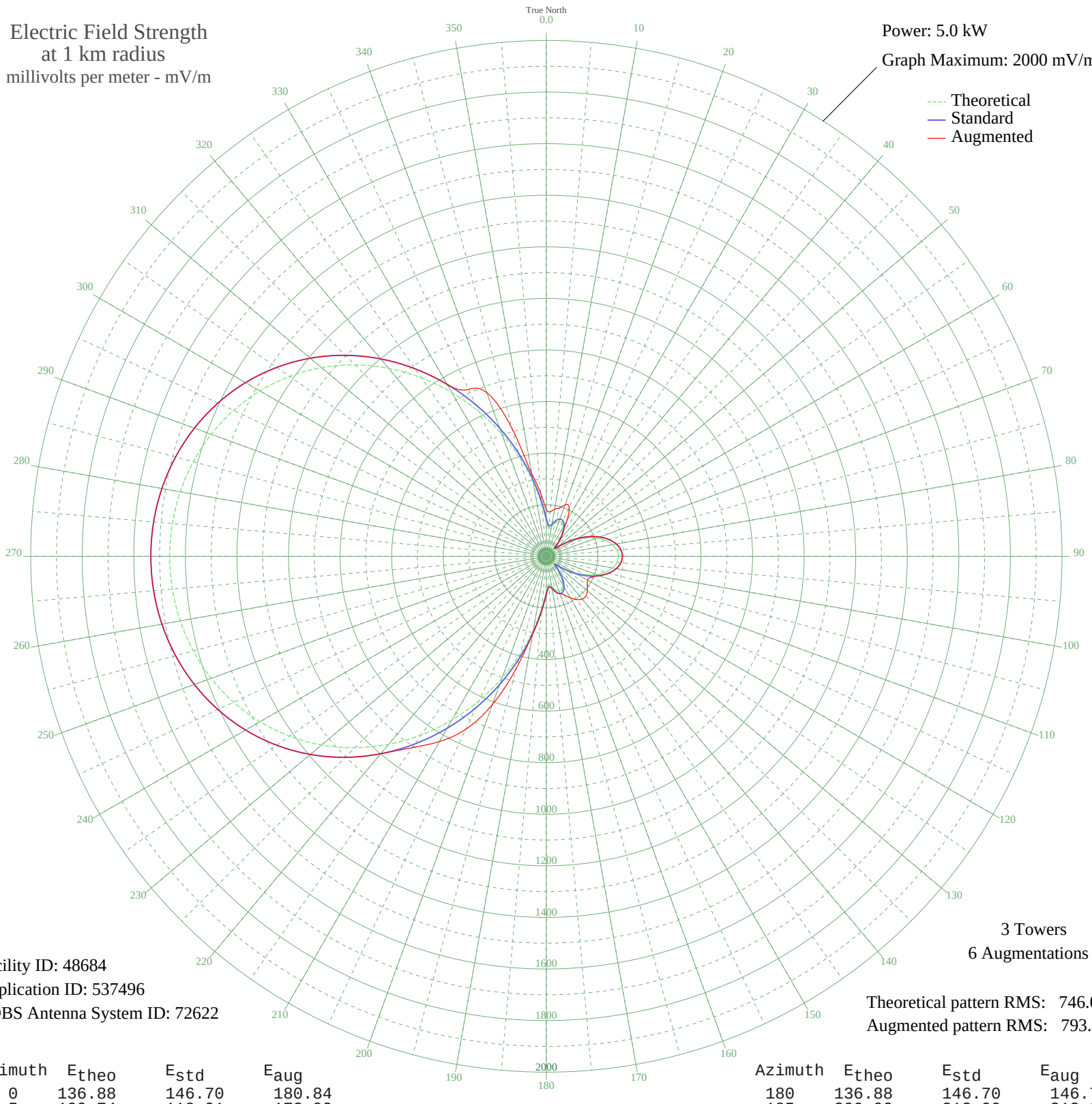
KBZZ SPARKS, NV BL-20001006AII 1270 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
6 Augmentations

Facility ID: 48684
Application ID: 537496
CDBS Antenna System ID: 72622

Theoretical pattern RMS: 746.00
Augmented pattern RMS: 793.42

Azimuth	E_{theo}	E_{std}	E_{aug}
0	136.88	146.70	180.84
5	109.74	118.91	173.92
10	116.82	126.13	185.09
15	133.63	143.35	192.54
20	143.84	153.86	212.66
25	142.13	152.10	209.39
30	127.87	137.43	158.43
35	102.53	111.59	111.59
40	69.25	78.41	78.41
45	36.50	48.29	48.29
50	41.54	52.58	52.58
55	81.86	90.84	90.84
60	126.58	136.12	136.12
65	169.11	179.98	179.98
70	206.74	219.05	219.05
75	237.67	251.28	251.28
80	260.63	275.23	275.23
85	274.74	289.97	289.97
90	279.50	294.94	294.94
95	274.74	289.97	289.97
100	260.63	275.23	275.23
105	237.67	251.28	251.28
110	206.74	219.05	219.05
115	169.11	179.98	191.52
120	126.58	136.12	184.49
125	81.86	90.84	193.98
130	41.54	52.58	208.24
135	36.50	48.29	217.29
140	69.24	78.41	216.21
145	102.53	111.59	204.52
150	127.87	137.43	185.46
155	142.13	152.10	165.59
160	143.84	153.86	153.86
165	133.63	143.35	143.35
170	116.82	126.13	126.13
175	109.74	118.91	118.91

Azimuth	E_{theo}	E_{std}	E_{aug}
180	136.88	146.70	146.70
185	200.92	213.00	213.00
190	288.85	304.71	304.71
195	391.35	411.96	448.76
200	502.45	528.39	611.72
205	617.59	649.13	740.30
210	732.87	770.07	829.46
215	844.97	887.70	905.36
220	951.14	999.13	999.13
225	1049.25	1102.10	1102.10
230	1137.76	1195.01	1195.01
235	1215.70	1276.82	1276.82
240	1282.60	1347.05	1347.05
245	1338.37	1405.60	1405.60
250	1383.23	1452.69	1452.69
255	1417.51	1488.68	1488.68
260	1441.63	1513.99	1513.99
265	1455.93	1529.01	1529.01
270	1460.67	1533.99	1533.99
275	1455.93	1529.01	1529.01
280	1441.63	1513.99	1513.99
285	1417.51	1488.68	1488.68
290	1383.23	1452.69	1452.69
295	1338.37	1405.60	1405.60
300	1282.60	1347.05	1347.05
305	1215.70	1276.82	1276.82
310	1137.76	1195.01	1195.01
315	1049.25	1102.10	1102.10
320	951.14	999.13	999.13
325	844.97	887.70	887.70
330	732.87	770.07	770.07
335	617.59	649.13	714.27
340	502.45	528.39	675.89
345	391.35	411.96	511.90
350	288.85	304.71	324.66
355	200.92	213.00	242.79

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.

13 Nov 2009

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Federal Communications Commission