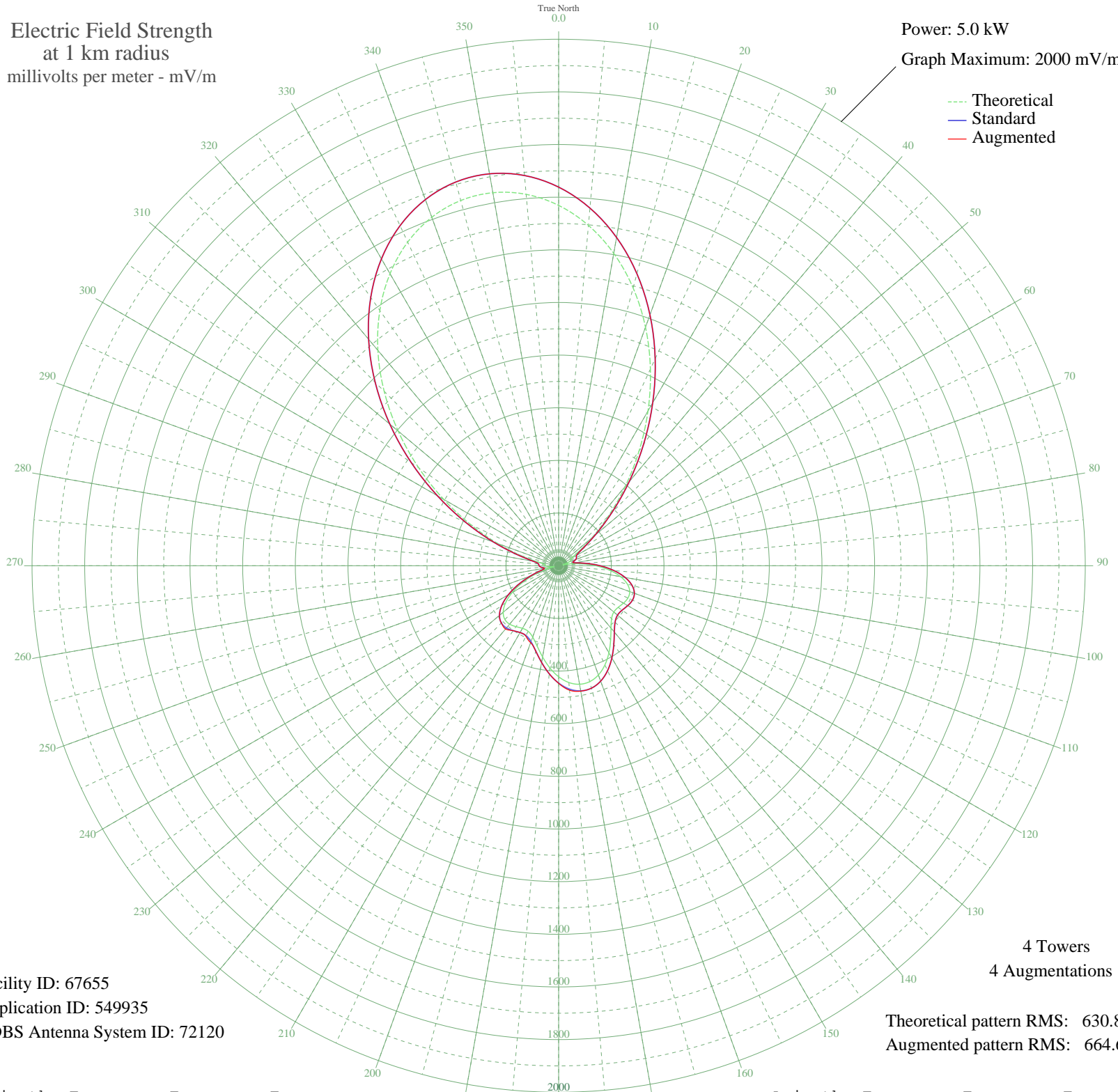


KSEN SHELBY, MT BL-20010122ANN 1150 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 67655
Application ID: 549935
CDBS Antenna System ID: 72120

Theoretical pattern RMS: 630.86
Augmented pattern RMS: 664.61

Azimuth	Etheo	Estd	Eaug
0	1368.85	1438.25	1438.25
5	1297.84	1363.74	1363.74
10	1204.91	1266.25	1266.25
15	1092.60	1148.44	1148.44
20	964.35	1013.93	1013.93
25	824.56	867.38	867.38
30	678.61	714.47	714.47
35	532.69	561.78	561.78
40	393.57	416.57	416.57
45	268.31	286.57	286.57
50	164.15	180.18	180.18
55	89.45	107.61	107.61
60	55.01	78.07	78.07
65	50.83	74.87	74.87
70	42.42	68.86	68.86
75	20.29	56.67	56.67
80	33.73	63.34	63.34
85	84.60	103.19	103.19
90	140.92	157.01	157.01
95	194.36	210.72	210.72
100	238.84	256.22	256.22
105	270.31	288.64	288.64
110	287.10	305.99	305.99
115	290.36	309.37	309.37
120	284.25	303.05	303.05
125	275.78	294.29	294.29
130	273.54	291.98	291.98
135	284.35	303.15	303.15
140	309.39	329.08	329.08
145	344.14	365.14	365.14
150	381.72	404.23	404.23
155	415.77	439.70	439.70
160	441.51	466.56	466.56
165	455.84	481.51	481.51
170	457.18	482.90	483.67
175	445.37	470.57	474.76

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	421.70	445.89	446.73
185	388.99	411.80	411.80
190	351.65	372.95	372.95
195	315.78	335.70	335.70
200	288.30	307.24	311.15
205	274.53	293.00	295.17
210	274.56	293.03	293.03
215	282.48	301.22	301.22
220	289.70	308.69	313.82
225	288.75	307.70	307.84
230	274.85	293.33	293.48
235	246.27	263.86	263.86
240	204.13	220.68	220.68
245	152.06	168.08	168.08
250	95.75	113.42	113.42
255	42.86	69.15	69.15
260	16.62	55.34	55.34
265	38.87	66.51	66.51
270	50.23	74.42	74.42
275	52.94	76.47	76.47
280	79.04	98.21	98.21
285	146.53	162.57	162.57
290	245.55	263.12	263.12
295	367.18	389.09	389.09
300	504.09	531.90	531.90
305	649.21	683.69	683.69
310	795.67	837.11	837.11
315	937.15	985.41	985.41
320	1068.10	1122.73	1122.73
325	1183.91	1244.21	1244.21
330	1280.94	1346.01	1346.01
335	1356.50	1425.29	1425.29
340	1408.69	1480.06	1480.06
345	1436.35	1509.08	1509.08
350	1438.87	1511.73	1511.73
355	1416.21	1487.95	1487.95