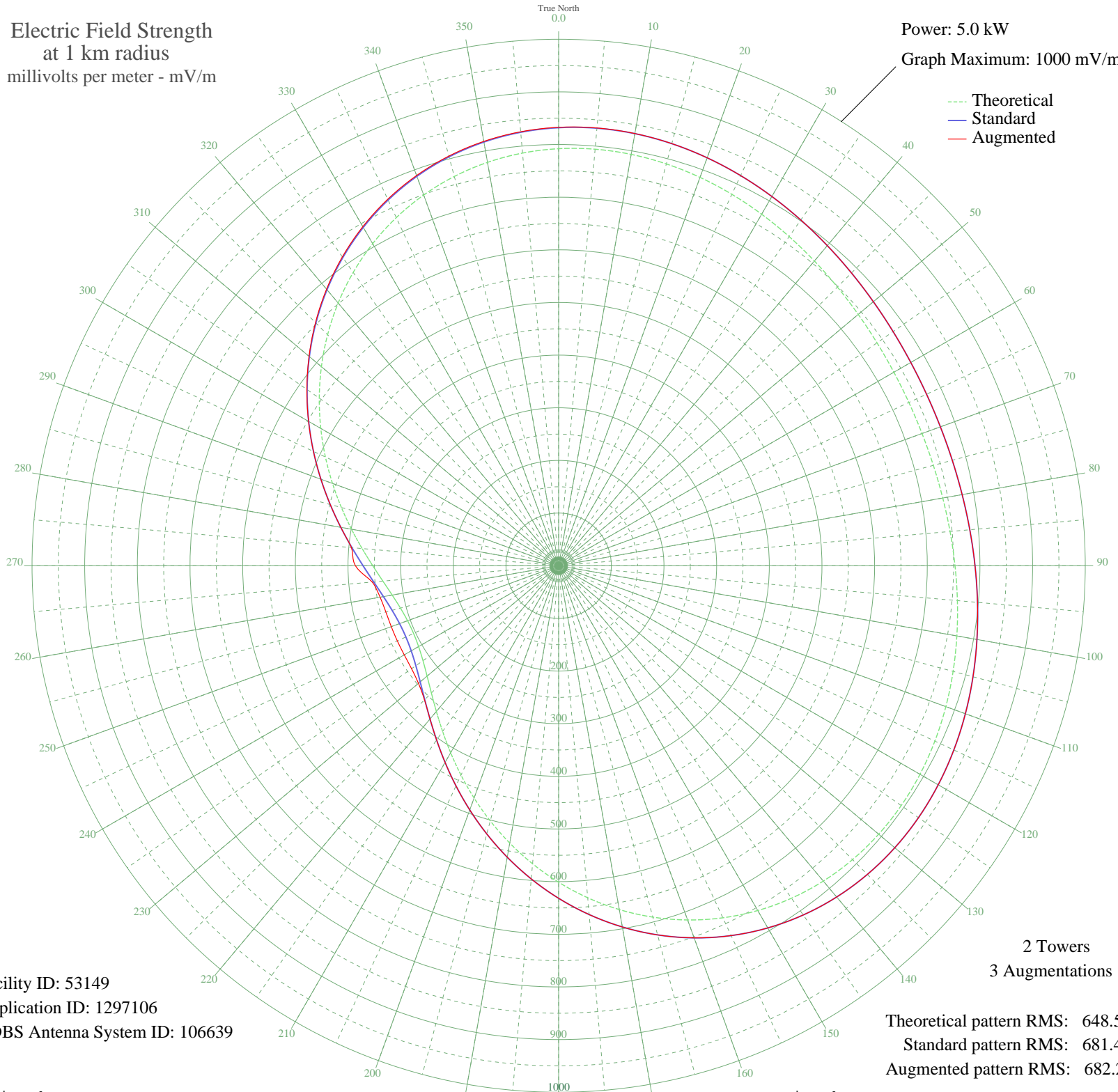


KPTQ SPOKANE, WA BMML-20090206AGD 1280 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 53149
Application ID: 1297106
CDBS Antenna System ID: 106639

2 Towers
3 Augmentations

Theoretical pattern RMS: 648.57
Standard pattern RMS: 681.40
Augmented pattern RMS: 682.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	792.08	832.01	832.72
5	794.15	834.19	834.63
10	793.35	833.35	833.57
15	790.11	829.95	830.02
20	784.94	824.52	824.53
25	778.37	817.62	817.62
30	770.93	809.82	809.82
35	763.16	801.67	801.67
40	755.57	793.69	793.69
45	748.60	786.38	786.38
50	742.66	780.14	780.14
55	738.06	775.32	775.32
60	735.05	772.16	772.16
65	733.79	770.84	770.84
70	734.33	771.41	771.41
75	736.66	773.85	773.85
80	740.64	778.03	778.03
85	746.08	783.74	783.74
90	752.68	790.66	790.66
95	760.08	798.43	798.43
100	767.83	806.57	806.57
105	775.47	814.58	814.58
110	782.45	821.91	821.91
115	788.25	827.99	827.99
120	792.32	832.27	832.27
125	794.15	834.19	834.19
130	793.28	833.27	833.27
135	789.30	829.10	829.10
140	781.91	821.34	821.34
145	770.90	809.79	809.79
150	756.20	794.36	794.36
155	737.85	775.10	775.10
160	716.01	752.17	752.17
165	690.97	725.90	725.90
170	663.15	696.70	696.70
175	633.02	665.09	665.09

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	E _{theo}	E _{std}	E _{aug}
180	601.18	631.68	631.68
185	568.25	597.12	597.12
190	534.88	562.12	562.12
195	501.75	527.36	527.36
200	469.51	493.55	493.55
205	438.79	461.33	461.33
210	410.17	431.31	431.31
215	384.16	404.05	404.05
220	361.23	380.02	380.02
225	341.78	359.63	360.26
230	326.11	343.22	347.50
235	314.49	331.04	340.99
240	307.08	323.29	338.54
245	304.02	320.08	337.97
250	305.33	321.46	338.18
255	311.01	327.40	339.66
260	320.96	337.83	344.25
265	335.04	352.57	355.34
270	353.01	371.41	385.92
275	374.60	394.03	394.96
280	399.42	420.05	420.05
285	427.06	449.03	449.03
290	457.01	480.43	480.43
295	488.72	513.69	513.74
300	521.57	548.15	548.38
305	554.92	583.14	583.63
310	588.10	617.96	618.76
315	620.46	651.91	653.01
320	651.34	684.31	685.68
325	680.15	714.54	716.11
330	706.36	742.05	743.73
335	729.52	766.35	768.05
340	749.29	787.11	788.73
345	765.47	804.08	805.55
350	777.95	817.18	818.43
355	786.77	826.44	827.42