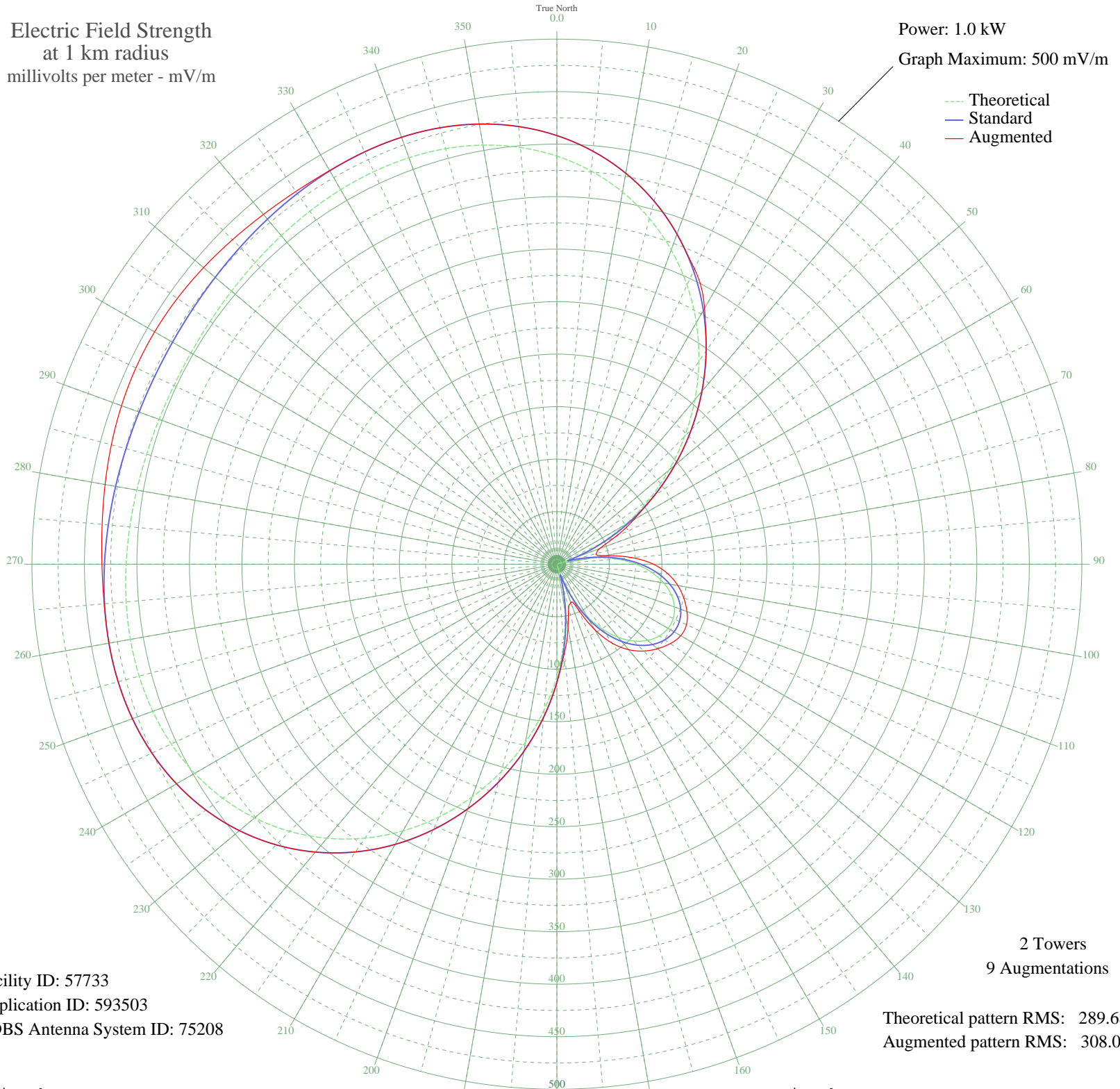


KGAY ASHLAND, OR BML-20020124ADF 580 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 57733
Application ID: 593503
CDBS Antenna System ID: 75208

Theoretical pattern RMS: 289.68
Augmented pattern RMS: 308.01

Azimuth	E _{theo}	E _{std}	E _{aug}
0	388.60	408.16	408.16
5	375.83	394.76	394.76
10	359.87	378.01	378.01
15	340.70	357.89	357.89
20	318.43	334.52	334.52
25	293.28	308.13	310.22
30	265.60	279.08	281.38
35	235.82	247.83	247.83
40	204.46	214.94	214.94
45	172.09	181.00	181.00
50	139.31	146.65	146.65
55	106.73	112.55	112.55
60	74.90	79.34	84.18
65	44.36	47.75	61.08
70	15.58	19.44	43.25
75	11.06	15.66	38.83
80	35.24	38.46	46.55
85	56.72	60.47	71.75
90	75.32	79.78	91.84
95	90.91	96.04	106.26
100	103.44	109.12	116.97
105	112.85	118.96	125.18
110	119.13	125.53	131.85
115	122.27	128.81	136.23
120	122.27	128.81	136.23
125	119.13	125.53	131.85
130	112.85	118.96	125.18
135	103.44	109.12	116.97
140	90.91	96.04	106.26
145	75.32	79.78	91.84
150	56.72	60.47	71.75
155	35.24	38.47	46.55
160	11.06	15.66	38.83
165	15.58	19.44	43.25
170	44.36	47.75	61.08
175	74.90	79.34	84.18

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	106.73	112.55	112.55
185	139.31	146.65	146.65
190	172.09	181.00	181.00
195	204.46	214.93	214.93
200	235.82	247.83	247.83
205	265.60	279.08	279.08
210	293.28	308.13	308.13
215	318.43	334.52	334.52
220	340.70	357.89	357.89
225	359.87	378.01	378.01
230	375.83	394.76	394.76
235	388.60	408.16	408.16
240	398.32	418.36	418.36
245	405.22	425.61	425.61
250	409.62	430.22	430.22
255	411.90	432.62	432.62
260	412.48	433.23	433.23
265	411.80	432.52	432.87
270	410.29	430.93	433.33
275	408.34	428.88	434.79
280	406.32	426.76	436.96
285	404.52	424.88	439.32
290	403.19	423.48	441.30
295	402.49	422.74	442.42
300	402.49	422.74	442.42
305	403.19	423.48	441.30
310	404.52	424.88	439.32
315	406.32	426.76	436.96
320	408.34	428.88	434.79
325	410.29	430.93	433.33
330	411.80	432.52	432.87
335	412.48	433.23	433.23
340	411.90	432.62	432.62
345	409.62	430.22	430.22
350	405.22	425.61	425.61
355	398.32	418.36	418.36