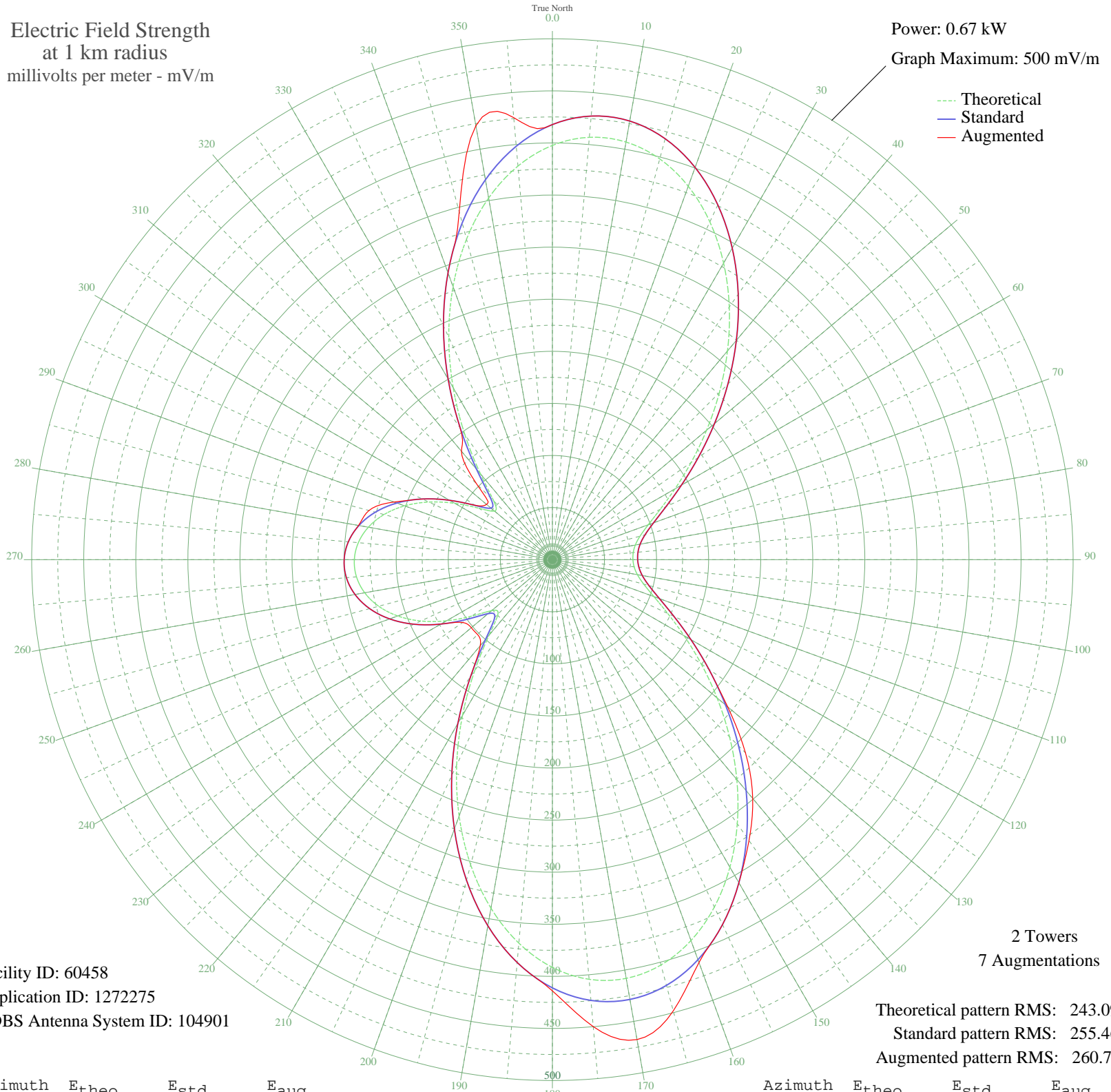


KZNS SALT LAKE CITY, UT BL-20080926AJP 1280 kHz

Nighttime

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

Power: 0.67 kW
Graph Maximum: 500 mV/m



Facility ID: 60458
Application ID: 1272275
CDBS Antenna System ID: 104901

2 Towers
7 Augmentations

Theoretical pattern RMS: 243.09
Standard pattern RMS: 255.46
Augmented pattern RMS: 260.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	397.67	417.69	417.69
5	406.99	427.47	427.47
10	407.08	427.56	427.56
15	398.29	418.34	418.34
20	381.46	400.67	400.67
25	357.78	375.82	375.82
30	328.78	345.37	345.37
35	296.11	311.10	311.10
40	261.53	274.80	274.80
45	226.71	238.28	238.28
50	193.25	203.18	203.18
55	162.56	171.01	171.01
60	135.87	143.05	143.05
65	114.14	120.31	120.31
70	97.92	103.35	103.35
75	87.10	92.05	92.05
80	80.85	85.54	85.54
85	77.93	82.50	82.50
90	77.33	81.87	81.87
95	78.78	83.38	83.38
100	82.88	87.65	87.65
105	90.82	95.93	95.93
110	103.74	109.43	109.43
115	122.19	128.73	128.73
120	146.00	153.66	153.66
125	174.42	183.44	183.44
130	206.38	216.95	216.95
135	240.56	252.81	252.81
140	275.48	289.45	299.21
145	309.51	325.15	329.12
150	340.91	358.11	358.15
155	367.98	386.52	386.52
160	389.09	408.68	411.54
165	402.83	423.10	448.43
170	408.14	428.67	467.80
175	404.37	424.72	449.96

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	391.38	411.09	413.94
185	369.55	388.17	388.17
190	339.74	356.88	356.88
195	303.28	318.62	318.62
200	261.88	275.17	275.17
205	217.54	228.66	228.66
210	172.61	181.54	181.54
215	130.04	136.95	136.95
220	94.41	99.69	107.73
225	73.89	78.29	101.62
230	76.07	80.56	101.64
235	94.39	99.66	105.16
240	117.38	123.69	123.69
245	139.33	146.67	146.67
250	158.05	166.29	166.29
255	172.72	181.66	181.66
260	183.02	192.46	192.46
265	188.85	198.57	198.57
270	190.20	199.98	199.98
275	187.05	196.69	196.69
280	179.43	188.70	189.01
285	167.37	176.05	182.34
290	151.02	158.92	161.79
295	130.86	137.80	137.80
300	108.10	113.99	113.99
305	85.98	90.89	91.15
310	72.54	76.89	82.53
315	79.61	84.25	103.07
320	107.41	113.27	135.86
325	146.55	154.24	154.49
330	190.49	200.28	200.28
335	235.49	247.48	247.48
340	278.91	293.05	293.05
345	318.56	334.65	345.65
350	352.54	370.32	422.99
355	379.30	398.40	425.94