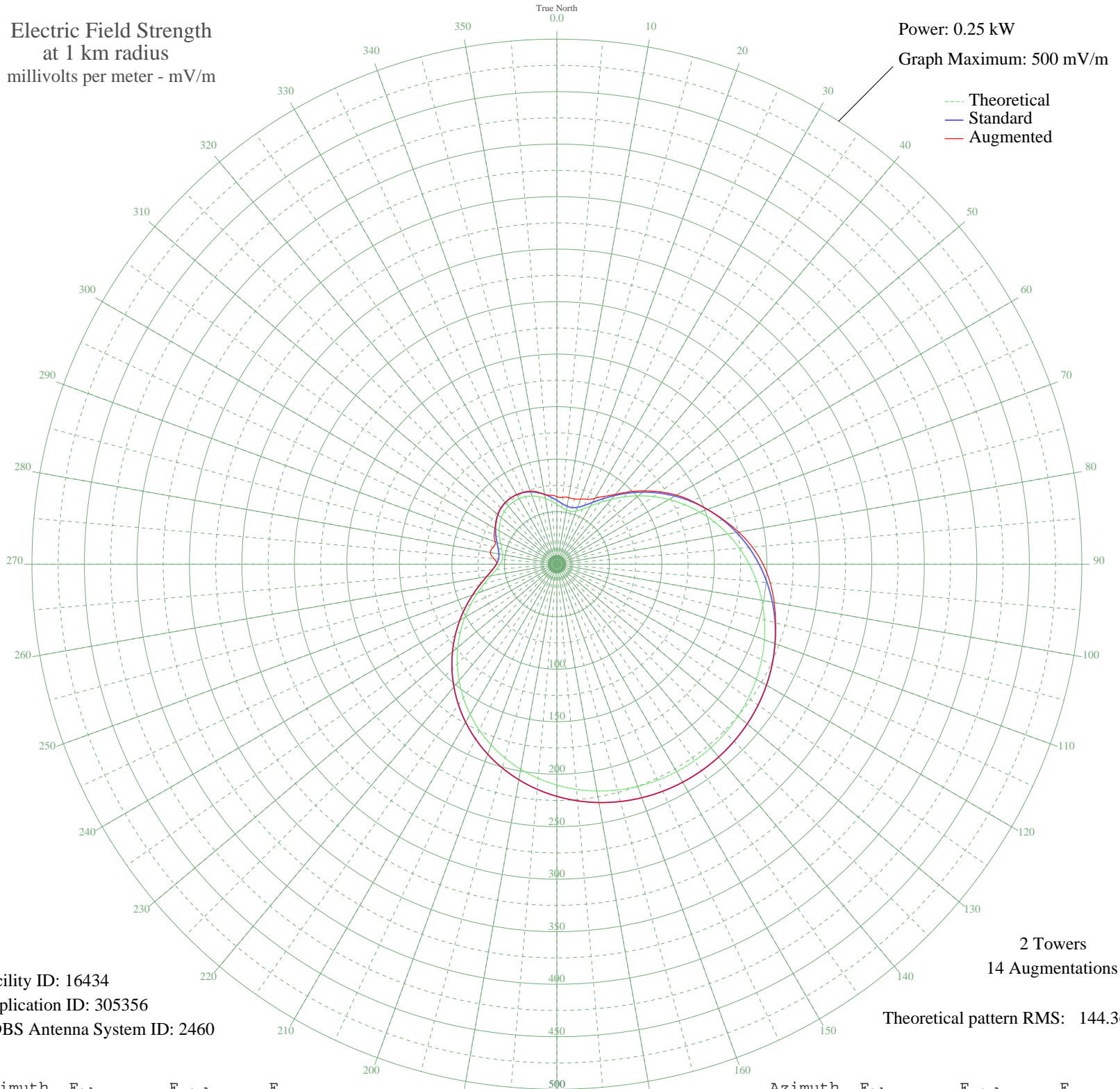


# KVFC CORTEZ, CO BL-- 740 kHz

Nighttime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m



Facility ID: 16434  
Application ID: 305356  
CDBS Antenna System ID: 2460

2 Towers  
14 Augmentations  
Theoretical pattern RMS: 144.36

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	56.98	60.74	64.37
5	54.21	57.88	63.86
10	52.42	56.04	64.37
15	52.19	55.79	64.28
20	53.95	57.61	65.98
25	57.89	61.68	68.12
30	63.87	67.88	72.42
35	71.58	75.89	78.84
40	80.61	85.29	86.90
45	90.59	95.69	97.45
50	101.19	106.76	108.63
55	112.13	118.21	120.04
60	123.20	129.79	131.59
65	134.19	141.29	142.12
70	144.94	152.55	152.55
75	155.32	163.42	164.07
80	165.20	173.78	175.86
85	174.50	183.53	186.89
90	183.15	192.59	196.34
95	191.09	200.92	203.99
100	198.28	208.46	210.20
105	204.70	215.19	215.69
110	210.35	221.11	221.11
115	215.21	226.21	226.21
120	219.29	230.50	230.50
125	222.61	233.98	233.98
130	225.18	236.67	236.67
135	227.00	238.59	238.59
140	228.09	239.73	239.73
145	228.46	240.11	240.11
150	228.09	239.73	239.73
155	227.00	238.59	238.59
160	225.18	236.67	236.67
165	222.61	233.98	233.98
170	219.29	230.50	230.50
175	215.21	226.21	226.21

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	210.35	221.11	221.11
185	204.70	215.19	215.19
190	198.28	208.46	208.46
195	191.09	200.92	200.92
200	183.15	192.59	192.59
205	174.50	183.53	183.53
210	165.20	173.78	173.78
215	155.32	163.42	163.42
220	144.94	152.55	152.55
225	134.19	141.29	141.29
230	123.20	129.79	129.79
235	112.13	118.21	118.21
240	101.19	106.76	106.76
245	90.59	95.69	95.69
250	80.61	85.29	85.29
255	71.58	75.89	75.89
260	63.87	67.88	67.88
265	57.89	61.68	61.68
270	53.95	57.61	57.61
275	52.19	55.79	60.12
280	52.42	56.04	64.37
285	54.21	57.88	62.76
290	56.98	60.74	62.59
295	60.21	64.09	65.84
300	63.49	67.49	68.23
305	66.50	70.61	70.81
310	69.02	73.23	73.55
315	70.91	75.19	75.64
320	72.08	76.41	76.63
325	72.48	76.82	76.82
330	72.08	76.41	76.41
335	70.91	75.19	75.59
340	69.02	73.23	74.03
345	66.50	70.61	71.07
350	63.49	67.49	67.59
355	60.21	64.09	65.89