

EXHIBIT 10.1  
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WKNR PARTIAL PROOFS  
OF PERFORMANCE  
(NIGHTTIME DIRECTIONAL ANTENNA SYSTEM)

Partial proof of performance measurements were conducted on the nighttime directional antenna system of WKNR(AM) - Cleveland, Ohio (850 kHz) both prior to and following the construction of the antenna system for the combined auxiliary facilities of WNCX(FM) and WQAL(FM). These measurements were conducted on each nighttime monitor point radial that was measured in the 1999 full proof of performance. The measurements were conducted with WKNR operating with its nighttime directional facilities and consisted of at least ten points on each radial. The measurements were then analyzed versus the full proof using log ratio analysis techniques. Prior to conducting the measurements, the field intensity meters used to conduct these measurements were compared against a recently calibrated meter to verify their accuracy and were found to be in good agreement.

Tables 10.1.0 through 10.1.7 present the measurements conducted “before” the start of the construction of the WNCX/WQAL auxiliary antenna system and the log ratio analysis of these measurements. Table 10.1.8 is a tabulation of the 1999 inverse fields, the inverse fields measured in this “before” proof, and the nighttime standard pattern limit for each radial. As can be seen from an examination of this table, the measured inverse field does not exceed the standard pattern limit on any of these radials.

Tables 10.1.9 through 10.1.16 present the measurements conducted “after” the completion of the construction of the WNCX/WQAL auxiliary antenna system and the log ratio analysis for these measurements. Table 10.1.17 is a tabulation of the 1999 inverse fields, the inverse fields measured in this “after” proof, and the nighttime standard pattern limit for each radial. As can be seen from an examination of this table, the measured inverse field does not exceed the standard pattern limit on any of these radials.

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Table 10.1.18 presents a comparison of the results of these two partial proofs of performance. This table shows that there is not a significant change between the measurements conducted before the construction of this auxiliary antenna system and those conducted following the completion of this construction. Based upon this information, it is felt that the construction of this auxiliary antenna system has had no adverse impact on the WKNR nighttime directional antenna system.

TABLE 10.1.0  
WKNR "BEFORE" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
78.50 DEGREE RADIAL  
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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE	1999 NIGHTTIME FIELD STRENGTH	PRESENT NIGHTTIME FIELD STRENGTH	LOG RATIO
	(km)	(mV/m)	(mV/m)	(4)/(3)
12	3.93	20.500	23.800	0.0648
13	5.07	17.300	12.000	-0.1589
14	6.00	9.400	6.900	-0.1343
15-MP	6.17	15.500	11.100	-0.1450
16	6.39	10.100	6.600	-0.1848
17	7.13	14.200	8.900	-0.2029
18	7.34	7.800	6.800	-0.0596
19	7.66	4.600	4.700	0.0093
20	7.82	6.000	4.600	-0.1154
21	8.32	4.700	2.650	-0.2489
22	8.87	8.300	3.300	-0.4006
23	10.96	6.200	3.200	-0.2872

LOG AVERAGE: 0.6994

ALL POINTS MEASURED ON 6/29/07 BETWEEN THE HOURS OF 1054 AND 1238  
EDT BY ROGER STEVENS USING POTOMAC INSTRUMENTS FIM-21 S/N 1021.  
THIS FIELD INTENSITY METER WAS LAST CALIBRATED ON SEPTEMBER 16,  
2002.

TABLE 10.1.1  
WKNR "BEFORE" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
99.00 DEGREE RADIAL  
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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE (km)	1999 NIGHTTIME FIELD STRENGTH (mV/m)	PRESENT NIGHTTIME FIELD STRENGTH (mV/m)	LOG RATIO (4)/(3)
13	3.88	44.000	45.000	0.0098
14	4.83	43.000	42.000	-0.0102
15-MP	5.06	42.000	36.000	-0.0669
16	5.66	34.000	27.500	-0.0921
17	6.44	18.500	8.400	-0.3429
18	6.91	31.300	20.000	-0.1945
19	7.33	28.000	21.000	-0.1249
20	7.54	27.500	16.500	-0.2218
21	7.70	30.500	17.200	-0.2488
22	7.93	23.500	13.200	-0.2505
23	8.82	22.000	10.100	-0.3381
24	9.83	20.000	7.600	-0.4202

LOG AVERAGE: 0.6430

ALL POINTS MEASURED ON 6/29/07 BY ROGER STEVENS USING POTOMAC INSTRUMENTS FIM-21 S/N 1021 WHICH WAS LAST CALIBRATED ON SEPTEMBER 16, 2002. POINT 15 MEASURED AT 1046 EDT. ALL OTHER POINTS WERE MEASURED BETWEEN THE HOURS OF 1159 AND 1234 EDT.

TABLE 10.1.2  
WKNR "BEFORE" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
183.20 DEGREE RADIAL

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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE	1999 NIGHTTIME FIELD STRENGTH	PRESENT NIGHTTIME FIELD STRENGTH	LOG RATIO
	(km)	(mV/m)	(mV/m)	(4)/(3)
14-MP	3.47	35.000	24.500	-0.1549
15	4.00	31.200	15.900	-0.2928
16	4.42	26.500	15.000	-0.2472
17	6.17	14.500	12.000	-0.0822
18	8.67	9.400	9.400	0.0000
19	9.80	8.800	4.500	-0.2913
20	10.67	8.600	4.100	-0.3217
21	12.72	7.200	3.700	-0.2891
23	14.20	5.500	2.500	-0.3424
24	14.70	5.500	2.150	-0.4079
25	15.72	5.400	2.200	-0.3900
26	16.70	3.800	1.500	-0.4037
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LOG AVERAGE: 0.5388

ALL POINTS MEASURED ON 6/20/07 BY ROGER STEVENS USING POTOMAC INSTRUMENTS FIM-21 S/N 1021 WHICH WAS LAST CALIBRATED ON SEPTEMBER 16, 2002. POINT 14 MEASURED AT 1035 EDT. ALL OTHER POINTS WERE MEASURED BETWEEN THE HOURS OF 1315 AND 1409 EDT.

TABLE 10.1.3  
WKNR "BEFORE" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
237.00 DEGREE RADIAL  
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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE	1999 NIGHTTIME FIELD STRENGTH	PRESENT NIGHTTIME FIELD STRENGTH	LOG RATIO
	(km)	(mV/m)	(mV/m)	(4)/(3)
15-MP	3.33	19.500	18.200	-0.0300
16	5.10	14.500	11.000	-0.1200
17	5.60	14.500	10.900	-0.1239
18	5.98	13.500	9.000	-0.1761
19	6.38	11.000	6.900	-0.2025
20	6.77	10.500	7.500	-0.1461
21	7.16	11.000	7.200	-0.1841
22	7.48	11.000	7.700	-0.1549
23	8.27	9.600	7.400	-0.1130
24	8.97	7.300	7.000	-0.0182
25	9.67	4.800	4.650	-0.0138
26	10.72	2.350	4.000	0.2310

LOG AVERAGE: 0.8173

ALL POINTS MEASURED ON 6/29/07 BY BRIAN WARMUS USING POTOMAC INSTRUMENTS FIM-21 S/N 1129 WHICH WAS LAST CALIBRATED ON SEPTEMBER 14, 1999. POINT 15 MEASURED AT 1016 EDT. ALL OTHER POINTS WERE MEASURED BETWEEN THE HOURS OF 1415 AND 1444 EDT.

TABLE 10.1.4  
WKNR "BEFORE" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
252.00 DEGREE RADIAL

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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE (km)	1999 NIGHTTIME FIELD STRENGTH (mV/m)	PRESENT NIGHTTIME FIELD STRENGTH (mV/m)	LOG RATIO (4)/(3)
14	3.18	10.000	10.500	0.0212
15	3.63	2.300	4.900	0.3285
16	3.86	5.500	9.000	0.2139
17	4.28	9.000	5.400	-0.2218
18-MP	4.80	10.000	7.300	-0.1367
19	7.10	3.750	3.400	-0.0426
20	7.62	4.400	3.000	-0.1663
21	7.97	5.800	3.900	-0.1724
22	8.32	6.500	4.500	-0.1597
23	8.82	4.800	3.450	-0.1434
24	9.22	3.000	3.200	0.0280
25	10.17	2.400	2.550	0.0263

LOG AVERAGE: 0.9217

ALL POINTS MEASURED ON 6/29/07 BY BRIAN WARMUS USING POTOMAC INSTRUMENTS FIM-21 S/N 1129 WHICH WAS LAST CALIBRATED ON SEPTEMBER 14, 1999. POINT 18 MEASURED AT 1022 EDT. ALL OTHER POINTS WERE MEASURED BETWEEN THE HOURS OF 1313 AND 1352.

TABLE 10.1.5  
WKNR "BEFORE" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
273.00 DEGREE RADIAL

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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE	1999 NIGHTTIME FIELD STRENGTH	PRESENT NIGHTTIME FIELD STRENGTH	LOG RATIO
	(km)	(mV/m)	(mV/m)	(4)/(3)
14-MP	3.75	11.600	10.000	-0.0645
15	4.57	10.500	4.600	-0.3584
16	5.15	7.400	6.200	-0.0768
17	5.90	4.400	3.750	-0.0694
18	6.17	5.500	4.400	-0.0969
19	6.42	4.500	6.800	0.1793
20	7.18	2.200	2.550	0.0641
21	7.57	4.100	2.250	-0.2606
22	8.64	1.750	0.920	-0.2793
23	9.27	1.450	1.100	-0.1200
24	10.16	4.500	1.800	-0.3979
25	10.63	1.900	1.200	-0.1996

LOG AVERAGE: 0.7244

ALL POINTS MEASURED ON 6/29/07 BY BRIAN WARMUS USING POTOMAC INSTRUMENTS FIM-21 S/N 1129 WHICH WAS LAST CALIBRATED ON SEPTEMBER 14, 1999. POINT 14 MEASURED AT 1029 EDT. ALL OTHER POINTS WERE MEASURED BETWEEN THE HOURS OF 1158 NAD 1301 EDT.



TABLE 10.1.6  
WKNR "BEFORE" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
290.00 DEGREE RADIAL  
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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE (km)	1999 NIGHTTIME FIELD STRENGTH (mV/m)	PRESENT NIGHTTIME FIELD STRENGTH (mV/m)	LOG RATIO (4)/(3)
13	3.03	17.000	16.900	-0.0026
14	3.45	10.000	10.500	0.0212
15-MP	3.78	13.500	13.900	0.0127
16	4.12	7.000	11.000	0.1963
18	5.32	6.900	6.650	-0.0160
19	6.22	7.000	6.400	-0.0389
21	8.17	9.500	11.100	0.0676
22	9.22	4.000	5.900	0.1688
23	9.92	7.200	4.400	-0.2139
24	11.00	3.400	2.350	-0.1604
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LOG AVERAGE: 1.0080

ALL POINTS MEASURED ON 6/29/07 BETWEEN THE HOURS OF 1033 AND 1148  
EDT BY BRIAN WARMUS USING POTOMAC INSTRUMENTS FIM-21 S/N 1129.  
THIS FIELD INTENSITY METER WAS LAST CALIBRATED ON SEPTEMBER 14,  
1999.

TABLE 10.1.7  
WKNR "BEFORE" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
308.00 DEGREE RADIAL  
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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE	1999 NIGHTTIME FIELD STRENGTH	PRESENT NIGHTTIME FIELD STRENGTH	LOG RATIO
	(km)	(mV/m)	(mV/m)	(4)/(3)
13	3.88	4.000	3.700	-0.0339
15-MP	5.42	8.600	6.200	-0.1421
16	5.80	10.000	8.600	-0.0655
17	6.57	9.000	4.900	-0.2640
18	7.32	2.100	3.900	0.2688
20	9.23	5.000	4.100	-0.0862
22	10.70	1.500	3.800	0.4037
23	11.96	4.000	4.300	0.0314

LOG AVERAGE: 1.0328

ALL POINTS MEASURED ON 6/29/07 BY ROGER STEVENS USING POTOMAC INSTRUMENTS FIM-21 S/N 1021 WHICH WAS LAST CALIBRATED ON SEPTEMBER 16, 2002. POINT 15 MEASURED AT 1008 EDT. ALL OTHER POINTS WERE MEASURED BETWEEN THE HOURS OF 1426 AND 1509 EDT.

TABLE 10.1.8  
TABULATION OF MEASURED  
WKNR "BEFORE" NIGHTTIME DIRECTIONAL  
INVERSE FIELD STRENGTHS

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RADIAL (Degrees)	1999 NIGHTTIME INVERSE FIELD (mV/m)		LOG AVERAGE	PRESENT NIGHTTIME INVERSE FIELD (mV/m)		RADIATION LIMIT (mV/m)	
	(mi)	(km)		(mi)	(km)	(mi)	(km)
78.50	60.9	98.0	0.6994	42.6	68.5	101.3	163.1
99.00	142.9	230.0	0.6430	91.9	147.9	178.0	286.4
183.20	111.8	180.0	0.5388	60.3	97.0	127.6	205.4
237.00	46.6	75.0	0.8173	38.1	61.3	53.6	86.2
252.00	22.4	36.0	0.9217	20.6	33.2	26.8	43.2
273.00	21.1	34.0	0.7244	15.3	24.6	25.4	40.8
290.00	32.9	53.0	1.0080	33.2	53.4	39.5	63.6
308.00	32.9	53.0	1.0328	34.0	54.7	38.6	62.1

TABLE 10.1.9  
WKNR "AFTER" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
78.50 DEGREE RADIAL  
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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE	1999 NIGHTTIME FIELD STRENGTH	PRESENT NIGHTTIME FIELD STRENGTH	LOG RATIO (4)/(3)
	(km)	(mV/m)	(mV/m)	
12	3.93	20.500	23.100	0.0519
13	5.07	17.300	12.250	-0.1499
14	6.00	9.400	7.400	-0.1039
15-MP	6.17	15.500	11.200	-0.1411
16	6.39	10.100	6.600	-0.1848
17	7.13	14.200	10.000	-0.1523
18	7.34	7.800	6.600	-0.0726
19	7.66	4.600	5.200	0.0532
20	7.82	6.000	4.700	-0.1061
21	8.32	4.700	3.300	-0.1536
22	8.87	8.300	3.700	-0.3509
23	10.96	6.200	3.900	-0.2013
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			LOG AVERAGE:	0.7483

ALL POINTS MEASURED ON 7/26/07 BETWEEN THE HOURS OF 1017 AND 1105 EDT BY ROGER STEVENS USING POTOMAC INSTRUMENTS FIM-21 S/N 1021. THIS FIELD INTENSITY METER WAS LAST CALIBRATED ON SEPTEMBER 16, 2002.

TABLE 10.1.10  
WKNR "AFTER" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
99.00 DEGREE RADIAL

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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE	1999 NIGHTTIME FIELD STRENGTH	PRESENT NIGHTTIME FIELD STRENGTH	LOG RATIO
	(km)	(mV/m)	(mV/m)	(4)/(3)
13	3.88	44.000	48.000	0.0378
14	4.83	43.000	41.000	-0.0207
15-MP	5.06	42.000	35.000	-0.0792
16	5.66	34.000	27.500	-0.0921
17	6.44	18.500	8.200	-0.3534
18	6.91	31.300	20.750	-0.1785
19	7.33	28.000	21.000	-0.1249
20	7.54	27.500	16.250	-0.2285
21	7.70	30.500	19.500	-0.1943
22	7.93	23.500	13.500	-0.2407
23	8.82	22.000	11.500	-0.2817
24	9.83	20.000	9.900	-0.3054

LOG AVERAGE: 0.6733

ALL POINTS MEASURED ON 7/26/07 BETWEEN THE HOURS OF 1117 AND 1154  
EDT BY ROGER STEVENS USING POTOMAC INSTRUMENTS FIM-21 S/N 1021.  
THIS FIELD INTENSITY METER WAS LAST CALIBRATED ON SEPTEMBER 16,  
2002.

TABLE 10.1.11  
WKNR "AFTER" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
183.20 DEGREE RADIAL  
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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE	1999 NIGHTTIME FIELD STRENGTH	PRESENT NIGHTTIME FIELD STRENGTH	LOG RATIO
	(km)	(mV/m)	(mV/m)	(4)/(3)
14-MP	3.47	35.000	28.500	-0.0892
15	4.00	31.200	17.500	-0.2511
16	4.42	26.500	16.100	-0.2164
17	6.17	14.500	13.100	-0.0441
18	8.67	9.400	9.600	0.0091
19	9.80	8.800	4.900	-0.2543
20	10.67	8.600	4.600	-0.2717
21	12.72	7.200	4.200	-0.2341
23	14.20	5.500	3.050	-0.2561
24	14.70	5.500	2.370	-0.3656
25	15.72	5.400	2.450	-0.3432
26	16.70	3.800	1.800	-0.3245
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LOG AVERAGE: 0.6024

ALL POINTS MEASURED ON 7/26/07 BETWEEN THE HOURS OF 1219 AND 1313  
EDT BY ROGER STEVENS USING POTOMAC INSTRUMENTS FIM-21 S/N 1021.  
THIS FIELD INTENSITY METER WAS LAST CALIBRATED ON SEPTEMBER 16,  
2002.

TABLE 10.1.12  
WKNR "AFTER" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
237.00 DEGREE RADIAL  
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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE	1999 NIGHTTIME FIELD STRENGTH	PRESENT NIGHTTIME FIELD STRENGTH	LOG RATIO
	(km)	(mV/m)	(mV/m)	(4)/(3)
15-MP	3.33	19.500	20.000	0.0110
16	5.10	14.500	11.500	-0.1007
17	5.60	14.500	11.300	-0.1083
18	5.98	13.500	8.900	-0.1809
19	6.38	11.000	7.300	-0.1781
20	6.77	10.500	7.800	-0.1291
21	7.16	11.000	8.200	-0.1276
22	7.48	11.000	8.300	-0.1223
23	8.27	9.600	8.100	-0.0738
24	8.97	7.300	7.600	0.0175
25	9.67	4.800	4.700	-0.0091
26	10.72	2.350	4.500	0.2821

LOG AVERAGE: 0.8711

ALL POINTS MEASURED ON 7/26/07 BETWEEN THE HOURS OF 1342 AND 1419  
EDT BY BRIAN WARMUS USING POTOMAC INSTRUMENTS FIM-21 S/N 1129.  
THIS FIELD INTENSITY METER WAS LAST CALIBRATED ON SEPTEMBER 14,  
1999.

TABLE 10.1.13  
WKNR "AFTER" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
252.00 DEGREE RADIAL  
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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE	1999 NIGHTTIME FIELD STRENGTH	PRESENT NIGHTTIME FIELD STRENGTH	LOG RATIO
	(km)	(mV/m)	(mV/m)	(4)/(3)
14	3.18	10.000	8.000	-0.0969
15	3.63	2.300	4.500	0.2915
16	3.86	5.500	8.100	0.1681
17	4.28	9.000	8.200	-0.0404
18-MP	4.80	10.000	7.400	-0.1308
19	7.10	3.750	3.050	-0.0897
20	7.62	4.400	3.000	-0.1663
21	7.97	5.800	4.500	-0.1102
22	8.32	6.500	4.600	-0.1502
23	8.82	4.800	3.700	-0.1130
24	9.22	3.000	3.400	0.0544
25	10.17	2.400	2.350	-0.0091
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LOG AVERAGE: 0.9274

ALL POINTS MEASURED ON 7/26/07 BETWEEN THE HOURS OF 1224 AND 1304  
EDT BY BRIAN WARMUS USING POTOMAC INSTRUMENTS FIM-21 S/N 1129.  
THIS FIELD INTENSITY METER WAS LAST CALIBRATED ON SEPTEMBER 14,  
1999.



TABLE 10.1.14  
WKNR "AFTER" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
273.00 DEGREE RADIAL

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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE	1999 NIGHTTIME FIELD STRENGTH	PRESENT NIGHTTIME FIELD STRENGTH	LOG RATIO
	(km)	(mV/m)	(mV/m)	(4)/(3)
14-MP	3.75	11.600	10.000	-0.0645
15	4.57	10.500	4.000	-0.4191
16	5.15	7.400	4.950	-0.1746
17	5.90	4.400	5.050	0.0598
18	6.17	5.500	5.700	0.0155
19	6.42	4.500	7.800	0.2389
20	7.18	2.200	2.500	0.0555
21	7.57	4.100	2.300	-0.2511
22	8.64	1.750	1.200	-0.1639
23	9.27	1.450	1.930	0.1242
24	10.16	4.500	1.750	-0.4102
25	10.63	1.900	1.700	-0.0483

LOG AVERAGE: 0.8195

ALL POINTS MEASURED ON 7/26/07 BETWEEN THE HOURS OF 1126 AND 1215 EDT BY BRIAN WARMUS USING POTOMAC INSTRUMENTS FIM-21 S/N 1129. THIS FIELD INTENSITY METER WAS LAST CALIBRATED ON SEPTEMBER 14, 1999.

TABLE 10.1.15  
WKNR "AFTER" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
290.00 DEGREE RADIAL

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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE (km)	1999 NIGHTTIME FIELD STRENGTH (mV/m)	PRESENT NIGHTTIME FIELD STRENGTH (mV/m)	LOG RATIO (4)/(3)
13	3.03	17.000	18.000	0.0248
14	3.45	10.000	12.200	0.0864
15-MP	3.78	13.500	13.000	-0.0164
16	4.12	7.000	12.300	0.2448
18	5.32	6.900	8.500	0.0906
19	6.22	7.000	7.700	0.0414
21	8.17	9.500	11.900	0.0978
22	9.22	4.000	7.200	0.2553
23	9.92	7.200	4.650	-0.1899
24	11.00	3.400	2.060	-0.2176
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LOG AVERAGE: 1.1008

ALL POINTS MEASURED ON 7/26/07 BETWEEN THE HOURS OF 1024 AND 1116  
EDT BY BRIAN WARMUS USING POTOMAC INSTRUMENTS FIM-21 S/N 1129.  
THIS FIELD INTENSITY METER WAS LAST CALIBRATED ON SEPTEMBER 14,  
1999.

TABLE 10.1.16  
WKNR "AFTER" NIGHTTIME DIRECTIONAL  
FIELD STRENGTH MEASUREMENTS  
308.00 DEGREE RADIAL

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(1)	(2)	(3)	(4)	(5)
POINT	DISTANCE	1999 NIGHTTIME FIELD STRENGTH	PRESENT NIGHTTIME FIELD STRENGTH	LOG RATIO
	(km)	(mV/m)	(mV/m)	(4)/(3)
13	3.88	4.000	5.200	0.1139
15-MP	5.42	8.600	7.200	-0.0772
16	5.80	10.000	10.250	0.0107
17	6.57	9.000	4.800	-0.2730
18	7.32	2.100	4.500	0.3310
20	9.23	5.000	4.000	-0.0969
22	10.70	1.500	3.900	0.4150
23	11.96	4.000	4.100	0.0107

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LOG AVERAGE: 1.1331

ALL POINTS MEASURED ON 7/26/07 BETWEEN THE HOURS OF 1345 AND 1430  
EDT BY ROGER STEVENS USING POTOMAC INSTRUMENTS FIM-21 S/N 1021.  
THIS FIELD INTENSITY METER WAS LAST CALIBRATED ON SEPTEMBER 16,  
2002.

TABLE 10.1.17  
 TABULATION OF MEASURED  
 WKNR "AFTER" NIGHTTIME DIRECTIONAL  
 INVERSE FIELD STRENGTHS

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RADIAL (Degrees)	1999 NIGHTTIME INVERSE FIELD (mV/m)		LOG AVERAGE	PRESENT NIGHTTIME INVERSE FIELD (mV/m)		RADIATION LIMIT (mV/m)	
	(mi)	(km)		(mi)	(km)	(mi)	(km)
78.50	60.9	98.0	0.7483	45.6	73.3	101.3	163.1
99.00	142.9	230.0	0.6733	96.2	154.9	178.0	286.4
183.20	111.8	180.0	0.6024	67.4	108.4	127.6	205.4
237.00	46.6	75.0	0.8711	40.6	65.3	53.6	86.2
252.00	22.4	36.0	0.9274	20.7	33.4	26.8	43.2
273.00	21.1	34.0	0.8195	17.3	27.9	25.4	40.8
290.00	32.9	53.0	1.1008	36.3	58.3	39.5	63.6
308.00	32.9	53.0	1.1331	37.3	60.1	38.6	62.1

TABLE 10.1.18

COMPARISON OF WKNR  
 “BEFORE” TO “AFTER”  
 NIGHTTIME DIRECTIONAL  
INVERSE FIELD STRENGTHS

<u>Azimuth (Degrees)</u>	<u>“Before” Measured Inverse Field Strength (mV/m at 1 km)</u>	<u>“After” Measured Inverse Field Strength (mV/m at 1 km)</u>	<u>Standard Pattern Limit (mV/m at 1 km)</u>
78.5	68.5	73.3	163.1
99.0	147.9	154.9	286.4
183.2	97	108.4	205.4
237.0	61.3	65.3	86.2
252.0	33.2	33.4	43.2
273.0	24.6	27.9	40.8
290.0	53.4	58.3	63.6
308.0	54.7	60.1	62.1