

TECHNICAL EXHIBIT
PARTIAL PROOF-OF-PERFORMANCE
RADIO STATION WTJS
JACKSON, TENNESSEE

Summary of Measured Field Strength Data

Radial deg. T	2007 Measured DA-Night (1 kW)	Standard DA-Night (1 kW)
11.5	67.2	87.2
108.5	80.5	87.2
202	81.0	87.2
240	237	250
278	23.9	87.2

EXHIBIT #C
APP FOR STATION LICENSE
MID-SOUTH PUBLIC
COMMUNICATIONS FOUNDATION
WKNP RADIO STATION
JACKSON, TENNESSEE
December 2007

11.5 Degree True Radial - Night

Point Desig.	Distance (km)	1978 NDA	2007 DA		Ratio (DA/NDA)
		Field Strength (mV/m)	Date & Time (local)	Field Strength (mV/m)	
			1/29/07 1/30/07*		
31 MP	2.11	248	1535	28.9	0.117
27	2.45	158	1538	14.5	0.092
22	3.35	110	1544	13.9	0.126
20	3.59	100	1549	11.2	0.112
16	4.96	43.0	1557	6.70	0.156
13	6.98	31.0	1607	1.95	0.063
12	7.55	31.0	1611	2.14	0.069
11	8.27	27.0	836*	1.65	0.061
10	11.83	12.7	843*	1.10	0.087
9	13.77	6.80	849*	0.750	0.110
Average Log Ratio:					0.095
1978 NDA Analyzed Field Strength (mV/m):					708
2007 DA Analyzed Field Strength (mV/m):					67.2

108.5 Degree True Radial - Night

Point Desig.	Distance (km)	1978 NDA	2007 DA		Ratio (DA/NDA)
		Field Strength (mV/m)	Date & Time (local)	Field Strength (mV/m)	
			1/30/07		
8 MP	2.70	119	912	10.9	0.092
10	3.64	100	921	10.1	0.101
11	4.52	58.0	928	6.40	0.110
13	5.31	45.0	931	5.30	0.118
14	5.65	47.5	933	6.10	0.128
15	6.42	27.3	938	4.90	0.179
16	8.54	17.7	943	2.01	0.114
17	9.99	17.2	949	1.74	0.101
18	12.10	6.80	953	0.71	0.104
19	16.14	5.00	1000	0.540	0.108
Average Log Ratio:					0.114
1978 NDA Analyzed Field Strength (mV/m):					708
2007 DA Analyzed Field Strength (mV/m):					80.5

202 Degree True Radial - Night

Point Desig.	Distance (km)	1978 NDA	2007 DA		Ratio (DA/NDA)
		Field Strength (mV/m)	Date & Time (local)	Field Strength (mV/m)	
			1/30/07		
21 MP	1.64	152	1144	23.9	0.157
19	1.98	100	1141	16.9	0.169
14	3.33	94.0	1131	8.50	0.090
13	3.49	81.0	1128	8.50	0.105
11	6.21	28.9	1121	4.90	0.170
9	10.14	8.30	1112	1.19	0.143
8	12.15	5.95	1108	0.520	0.087
7	14.24	3.60	1103	0.400	0.111
6	15.14	3.00	1059	0.520	0.173
5	18.54	2.33	1052	0.430	0.185
Average Log Ratio:					0.134
1978 NDA Analyzed Field Strength (mV/m):					604
2007 DA Analyzed Field Strength (mV/m):					81.0

240 Degree True Radial - Night

Point Desig.	Distance (km)	1978 NDA	2007 DA		Ratio (DA/NDA)
		Field Strength (mV/m)	Date & Time (local)	Field Strength (mV/m)	
			1/30/07		
10 MP	2.35	212	1154	72.0	0.340
12	5.63	51.5	1203	19.9	0.386
14	7.92	30.0	1212	9.90	0.330
17	11.38	15.7	1224	5.60	0.357
18	12.87	10.5	1233	4.40	0.419
19	13.23	8.60	12135	2.60	0.302
20	13.45	10.0	1237	3.80	0.380
21	14.80	7.10	1241	2.10	0.296
22	17.49	6.10	1246	2.00	0.328
Average Log Ratio:					0.347
1978 NDA Analyzed Field Strength (mV/m):					684
2007 DA Analyzed Field Strength (mV/m):					237

278 Degree True Radial - Night

Point Desig.	Distance (km)	1978 NDA	2007 DA		Ratio (DA/NDA)
		Field Strength (mV/m)	Date & Time (local)	Field Strength (mV/m)	
			1/29/07		
13 MP	3.19	133	1350	5.30	0.040
14	3.35	128	1356	3.90	0.030
15	3.99	105	1515	3.90	0.037
16	4.10	103	1525	4.56	0.044
17	4.54	118	1459	4.05	0.034
18	4.70	118	1450	2.15	0.018
26	15.40	8.10	1412	0.35	0.043
27	22.82	4.72	1425	0.20	0.041
Average Log Ratio:					0.035
1978 NDA Analyzed Field Strength (mV/m):					684
2007 DA Analyzed Field Strength (mV/m):					23.9