

# Radiotechniques

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Exhibit 12 Figure 5 Replaced  
File Number BNPFT-20030829ANY  
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Oklahoma City, OK  
June 2004

Center of Radiation - 145 m AGL  
ERP - 75W  
Antenna - TFC2K-2-3/4

Elev. Angle	Horiz Dist to Intercept	Slant Dist	Rel Fld	ERP w	Directional mV/m	Slant Dist to 127 dbu	Horiz Dist to 127 dbu	Above Gnd	dbuV on ground
					mV/m	127			
0									
1	8307.04	8308.31	1.000	75.000	7.30	27.08	27.1	144.5	77.26
2	4152.26	4154.79	0.999	74.850	14.58	27.06	27.0	144.1	83.27
3	2766.76	2770.56	0.996	74.401	21.80	26.98	26.9	143.6	86.77
4	2073.60	2078.66	0.991	73.656	28.91	26.84	26.8	143.1	89.22
5	1657.36	1663.69	0.984	72.619	35.86	26.65	26.5	142.7	91.09
6	1379.58	1387.18	0.976	71.443	42.66	26.43	26.3	142.2	92.60
7	1180.93	1189.80	0.965	69.842	49.18	26.14	25.9	141.8	93.84
8	1031.73	1041.87	0.953	68.116	55.46	25.81	25.6	141.4	94.88
9	915.49	926.91	0.938	65.988	61.36	25.40	25.1	141.0	95.76
10	822.34	835.02	0.923	63.895	67.02	25.00	24.6	140.7	96.52
12	682.17	697.41	0.905	61.427	78.68	24.51	24.0	139.9	97.92
14	581.56	599.37	0.865	56.117	87.50	23.43	22.7	139.3	98.84
16	505.68	526.05	0.819	50.307	94.40	22.18	21.3	138.9	99.50
18	446.26	469.23	0.769	44.352	99.37	20.83	19.8	138.6	99.94
20	398.38	423.95	0.714	38.235	102.12	19.34	18.2	138.4	100.18
25	310.95	343.10	0.655	32.177	115.75	17.74	16.1	137.5	101.27
30	251.15	290.00	0.498	18.600	104.12	13.49	11.7	138.3	100.35
35	207.08	252.80	0.337	8.518	80.83	9.13	7.5	139.8	98.15
40	172.80	225.58	0.182	2.484	48.92	4.93	3.8	141.8	93.79
45	145.00	205.06	0.044	0.145	13.01	1.19	0.8	144.2	82.29
50	121.67	189.28	0.070	0.368	22.42	1.90	1.2	143.5	87.01
55	101.53	177.01	0.157	1.849	53.78	4.25	2.4	141.5	94.61
60	83.72	167.43	0.217	3.532	78.58	5.88	2.9	139.9	97.91
65	67.61	159.99	0.249	4.650	94.37	6.74	2.9	138.9	99.50
70	52.78	154.31	0.257	4.954	100.99	6.96	2.4	138.5	100.09
75	38.85	150.12	0.245	4.502	98.96	6.64	1.7	138.6	99.91
80	25.57	147.24	0.216	3.499	88.95	5.85	1.0	139.2	98.98
85	12.69	145.55	0.175	2.297	72.90	4.74	0.4	140.3	97.25
90	0.00	145.00	0.125	1.172	52.27	3.39	0.0	141.6	94.36
Max.									101.27