

Radiotechniques

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Exhibit 12 Figure 5 Amended
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Interference Contour Calculation
August 2004

Center of Radiation - 79 m AGL
ERP - 19 W
Antenna - TFC2K-3-3/4 Analyzed as Unity

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 to 127 dbu	Meters dbuV
1	4525.91	4526.60	1.000	19.000	6.74	13.63	13.6	78.8	76.58
2	2262.26	2263.64	1.000	19.000	13.48	13.63	13.6	78.5	82.59
3	1507.41	1509.48	1.000	19.000	20.22	13.63	13.6	78.3	86.11
4	1129.75	1132.51	1.000	19.000	26.95	13.63	13.6	78.0	88.61
5	902.97	906.42	1.000	19.000	33.67	13.63	13.6	77.8	90.54
6	751.63	755.78	1.000	19.000	40.38	13.63	13.6	77.6	92.12
7	643.40	648.24	1.000	19.000	47.08	13.63	13.5	77.3	93.46
8	562.11	567.64	1.000	19.000	53.76	13.63	13.5	77.1	94.61
9	498.79	505.00	1.000	19.000	60.43	13.63	13.5	76.9	95.63
10	448.03	454.94	1.000	19.000	67.08	13.63	13.4	76.6	96.53
12	371.67	379.97	1.000	19.000	80.32	13.63	13.3	76.2	98.10
14	316.85	326.55	1.000	19.000	93.45	13.63	13.2	75.7	99.41
16	275.51	286.61	1.000	19.000	106.48	13.63	13.1	75.2	100.55
18	243.14	255.65	1.000	19.000	119.37	13.63	13.0	74.8	101.54
20	217.05	230.98	1.000	19.000	132.12	13.63	12.8	74.3	102.42
25	169.42	186.93	1.000	19.000	163.26	13.63	12.4	73.2	104.26
30	136.83	158.00	1.000	19.000	193.15	13.63	11.8	72.2	105.72
35	112.82	137.73	1.000	19.000	221.57	13.63	11.2	71.2	106.91
40	94.15	122.90	1.000	19.000	248.31	13.63	10.4	70.2	107.90
45	79.00	111.72	1.000	19.000	273.16	13.63	9.6	69.4	108.73
50	66.29	103.13	1.000	19.000	295.92	13.63	8.8	68.6	109.42
55	55.32	96.44	1.000	19.000	316.44	13.63	7.8	67.8	110.01
60	45.61	91.22	1.000	19.000	334.55	13.63	6.8	67.2	110.49
65	36.84	87.17	1.000	19.000	350.11	13.63	5.8	66.6	110.88
70	28.75	84.07	1.000	19.000	363.01	13.63	4.7	66.2	111.20
75	21.17	81.79	1.000	19.000	373.14	13.63	3.5	65.8	111.44
80	13.93	80.22	1.000	19.000	380.43	13.63	2.4	65.6	111.61
85	6.91	79.30	1.000	19.000	384.83	13.63	1.2	65.4	111.71
90	0.00	79.00	1.000	19.000	386.30	13.63	0.0	65.4	111.74
Maximum									111.74