

Exhibit 13

Freespace Interference Study based on Vertical Radiation Pattern - Nicom BKG-77

Flex-space program based on applying array function to EPA vertical field pattern data

Depression Angle from Antenna	Antenna Relative Field	Multibay Relative Field	ERP Watts	ERP dBk	Distance to Rooftop from Antenna (m)	Free Space Signal (dBu)	Signal Strength at Ground (dBu)	Circular Distance From Tower (m)	Distance to Contour using Free Space (m)	Height of Contour above Rooftop (m)
90	0.001	0.000	0.000	-396.33	98.00	-269.24	-269.24	0.00	0.00	98.00
85	0.001	0.000	0.000	-116.55	98.37	10.52	10.52	8.57	0.00	98.00
80	0.007	0.000	0.000	-87.62	99.51	39.34	39.34	17.28	0.04	97.96
75	0.019	0.001	0.000	-71.93	101.46	54.86	54.86	26.26	0.24	97.77
70	0.040	0.004	0.001	-60.52	104.29	66.04	66.04	35.67	0.88	97.18
65	0.073	0.011	0.007	-51.48	108.13	74.76	74.76	45.70	2.48	95.75
60	0.120	0.025	0.039	-44.09	113.16	81.75	81.75	56.58	5.81	92.97
55	0.176	0.049	0.151	-38.21	119.64	87.15	87.15	68.62	11.42	88.64
50	0.247	0.089	0.488	-33.11	127.93	91.67	91.67	82.23	20.55	82.26
45	0.330	0.147	1.331	-28.76	138.59	95.33	95.33	98.00	33.93	74.01
40	0.423	0.225	3.141	-25.03	152.46	98.23	98.23	116.79	52.13	64.49
35	0.523	0.325	6.537	-21.85	170.86	100.42	100.42	139.96	75.19	54.87
30	0.624	0.441	12.071	-19.18	196.00	101.89	101.89	169.74	102.18	46.91
25	0.723	0.569	20.105	-16.97	231.89	102.65	102.65	210.16	131.87	42.27
20	0.814	0.699	30.321	-15.18	286.53	102.59	102.59	269.25	161.95	42.61
15	0.891	0.818	41.524	-13.82	378.64	101.54	101.54	365.74	189.52	48.95
10	0.950	0.915	51.894	-12.85	564.36	99.04	99.04	555.79	211.86	61.21
5	0.987	0.978	59.274	-12.27	1124.42	93.63	93.63	1120.15	226.43	78.27
0	1.000	1.000	62.000	-12.08	98.00					

Maximum ERP 62 watts
Radiation Center Ht 98.0 m above rooftop
Radiation Center Ht 322 ft. above rooftop
Maximum ERP -12.08 dBk
Protected dBu 67.55 dBu
Interfering dBu 107.55 dBu
Free Space Distance 231.58 m
760 ft.

Max dBu at Rooftop Level 102.65
Antenna Type NIC BKG77
of Bays 2
Bay spacing 0.5 wavelengths
Freq 98.9 MHz
Length 4.98 ft
1.52 m
Top 98.76 m
324.01 ft

Lowest Height of Contour (m) 42.27
Lowest Height of Contour (ft) 138.67
above rooftop

