Table 28 Radiofrequency Radiation Levels Associated with Adverse Neurological Symptoms, Cardiac Problems and Increased Cancer Risk (chronic exposure above 0.05- 0.1 uW/cm2) Kitchen at 28" One Meter and Four Meters

As reported in Khurana et al, 2010 in the International Journal of Environmental Occupational Health 16:263-267; Kundi and Hutter, 2009, Pathophysiology 16: 123-135 and the BioInitiative Report, 2007, Chapters 1 and 17.

One		ology 10. 123-133 a		
Meter	Table A33	Table A34	Table A35	Table A36
Dester Courts	60%	100%	10000/	20000/
Duty Cycle	Reflection	Reflection	1000% Reflection	2000% Reflection
1%	0.2	0.3	10.2	37.3
5%	1.1	1.7	51.1	186
10%	2.2	3.4	102	373
20%	4.3	6.8	204	745
30%	6.5	10.1	307	1118
40%	8.7	13.5	409	1490
50%	10.8	16.9	511	1863
60%	13	20.3	613	2235
70%	15.1	23.7	716	2608
80%	17.3	27	818	2980
90%	19.5	30.4	920	3353
100%	21.6	33.8	1022	3726
10070		22.0	1022	2720
_				
Four	Table A37	Table A38	Table A39	Table A40
Meters	Table A37		Table A39	Table A40
	60%	100%	100%	2000%
Meters Duty Cycle		100% Reflection	100% Reflection	
Meters Duty Cycle	60% Reflection	100% Reflection	100% Reflection	2000% Reflection 94.6
Meters Duty Cycle  1% 5%	60% Reflection 0.6 2.8	100% Reflection 0.9 4.3	100% Reflection 26 129	2000% Reflection 94.6 473
Meters Duty Cycle  1% 5% 10%	60% Reflection 0.6 2.8 5.5	100% Reflection 0.9 4.3 8.6	100% Reflection 26 129 260	2000% Reflection 94.6 473 946
Meters Duty Cycle  1% 5% 10% 20%	60% Reflection 0.6 2.8 5.5	100% Reflection 0.9 4.3 8.6 17.2	100% Reflection 26 129 260 519	2000% Reflection 94.6 473 946 1892
Meters Duty Cycle  1% 5% 10% 20% 30%	60% Reflection 0.6 2.8 5.5 11 16.5	100% Reflection 0.9 4.3 8.6 17.2 25.7	100% Reflection 26 129 260 519 779	2000% Reflection 94.6 473 946 1892 2837
Meters Duty Cycle  1% 5% 10% 20% 30% 40%	60% Reflection 0.6 2.8 5.5 11 16.5 22	100% Reflection 0.9 4.3 8.6 17.2 25.7 34.3	100% Reflection  26 129 260 519 779 1038	2000% Reflection 94.6 473 946 1892 2837 3783
Meters Duty Cycle  1% 5% 10% 20% 30% 40% 50%	60% Reflection 0.6 2.8 5.5 11 16.5 22 27.5	100% Reflection 0.9 4.3 8.6 17.2 25.7 34.3 42.9	100% Reflection  26 129 260 519 779 1038 1298	2000% Reflection 94.6 473 946 1892 2837 3783 4729
Meters Duty Cycle  1% 5% 10% 20% 30% 40% 50% 60%	60% Reflection 0.6 2.8 5.5 11 16.5 22 27.5 32.9	100% Reflection 0.9 4.3 8.6 17.2 25.7 34.3 42.9 51.5	100% Reflection  26 129 260 519 779 1038 1298 1557	2000% Reflection 94.6 473 946 1892 2837 3783 4729 5675
Meters Duty Cycle  1% 5% 10% 20% 30% 40% 50% 60% 70%	60% Reflection 0.6 2.8 5.5 11 16.5 22 27.5 32.9 38.4	100% Reflection  0.9  4.3  8.6  17.2  25.7  34.3  42.9  51.5  60.1	100% Reflection  26 129 260 519 779 1038 1298 1557 1817	2000% Reflection 94.6 473 946 1892 2837 3783 4729 5675 6621
Meters Duty Cycle  1% 5% 10% 20% 30% 40% 50% 60% 70% 80%	60% Reflection  0.6 2.8 5.5 11 16.5 22 27.5 32.9 38.4 43.9	100% Reflection  0.9  4.3  8.6  17.2  25.7  34.3  42.9  51.5  60.1  68.6	100% Reflection  26 129 260 519 779 1038 1298 1557 1817 2076	2000% Reflection 94.6 473 946 1892 2837 3783 4729 5675 6621 7566
Meters Duty Cycle  1% 5% 10% 20% 30% 40% 50% 60% 70%	60% Reflection 0.6 2.8 5.5 11 16.5 22 27.5 32.9 38.4	100% Reflection  0.9  4.3  8.6  17.2  25.7  34.3  42.9  51.5  60.1	100% Reflection  26 129 260 519 779 1038 1298 1557 1817	2000% Reflection 94.6 473 946 1892 2837 3783 4729 5675 6621

## Exceeds 0.1 uW/cm2

All exposure levels exceed those identified in Khurana et al, 2010; Kundi and Hutter, 2009 and the BioInitiative Report (2007) to be associated with increased risk of adverse neurological symptoms (headache, sleep disruption, restlessness, tremor, cognitive impairment tinnitus), increased cancer risk or heart problems, arrythmias, altered heart rhythm, palpitations. These effects are reported in studies of populations living at distances < 500 meters from base stations, and at levels at or over 0.05-0.1 uW/cm2, but not at RF levels below chronic RF exposure levels of 0.05 - 0.1 uW/cm2 in healthy populations.

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