Table 23 Radiofrequency Radiation Levels Associated with Adverse Neurological Symptoms, Cardiac Problems and Increased Cancer Risk (chronic exposure above 0.05- 0.1 uW/cm2) Nursery at 11" 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				
Collector				
Duty Cycle	Table A33 60% Reflection	Table A34 100% Reflection	Table A35 1000% Reflection	Table A36 2000% Reflection
1%	4	6.2	187	680
5%	20	30.8	933	3399
10%	40	61.7	1865	6798
20%	79	123	3730	13596
30%	118	185	5596	20394
40%	158	247	7461	27192
50%	197	308	9326	33990
60%	237	370	11191	40788
70%	276	432	13056	47586
80%	316	493	14922	54384
90%	355	555	16787	61182
100%	395	617	18652	67980
1C +				
3 SM	Table A37	Table A38	Table A39	Table A40
Duty Cycle	60%	100%	100%	2000%
Duty Cycle	60% Reflection	100% Reflection	100% Reflection	2000% Reflection
Duty Cycle 1%				
	Reflection	Reflection	Reflection	Reflection
1%	Reflection 7.4	Reflection 11.5	Reflection 348	Reflection 1267
1% 5%	7.4 36.8	Reflection 11.5 57.5	Reflection 348 1738	Reflection 1267 6334
1% 5% 10%	7.4 36.8 73.5 147 221	Reflection 11.5 57.5 115	Reflection 348 1738 3476	Reflection 1267 6334 12668
1% 5% 10% 20%	7.4 36.8 73.5 147	Reflection 11.5 57.5 115 230	Reflection 348 1738 3476 6952	Reflection 1267 6334 12668 25337
1% 5% 10% 20% 30% 40% 50%	7.4 36.8 73.5 147 221 294 368	Reflection 11.5 57.5 115 230 345 460 575	Reflection 348 1738 3476 6952 10428 13904 17380	Reflection 1267 6334 12668 25337 38005 50674 63342
1% 5% 10% 20% 30% 40%	7.4 36.8 73.5 147 221 294	Reflection 11.5 57.5 115 230 345 460	Reflection 348 1738 3476 6952 10428 13904	Reflection 1267 6334 12668 25337 38005 50674 63342 76010
1% 5% 10% 20% 30% 40% 50%	7.4 36.8 73.5 147 221 294 368	Reflection 11.5 57.5 115 230 345 460 575 689 804	Reflection 348 1738 3476 6952 10428 13904 17380	Reflection 1267 6334 12668 25337 38005 50674 63342
1% 5% 10% 20% 30% 40% 50%	7.4 36.8 73.5 147 221 294 368 441	Reflection 11.5 57.5 115 230 345 460 575 689	Reflection 348 1738 3476 6952 10428 13904 17380 20855	Reflection 1267 6334 12668 25337 38005 50674 63342 76010 88679 101347
1% 5% 10% 20% 30% 40% 50% 60% 70%	7.4 36.8 73.5 147 221 294 368 441 515	Reflection 11.5 57.5 115 230 345 460 575 689 804	Reflection 348 1738 3476 6952 10428 13904 17380 20855 24331	Reflection 1267 6334 12668 25337 38005 50674 63342 76010 88679

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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