

**Table 22 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.

<b>One Meter</b>				
<b>Duty Cycle</b>	<b>Table A17</b>	<b>Table A18</b>	<b>Table A19</b>	<b>Table A20</b>
	60%	100%	1000%	2000%
	Reflection	Reflection	Reflection	Reflection
1%	1.4	2.2	66.2	241
5%	7	11	331	1227
10%	14	21.9	662	2414
20%	28	43.8	1324	4828
30%	42	65.7	1986	7242
40%	56.1	87.6	2649	9655
50%	70.1	109	3312	12069
60%	84.1	131	3974	14483
70%	98.1	153	4636	16897
80%	112	175	5299	19311
90%	126	197	5961	21175
100%	140	218	6623	24139

<b>Four Meters</b>				
<b>Duty Cycle</b>	<b>Table A21</b>	<b>Table A22</b>	<b>Table A23</b>	<b>Table A24</b>
	60%	100%	1000%	2000%
	Reflection	Reflection	Reflection	Reflection
1%	4.9	7.5	227	828
5%	24	37.6	1137	4142
10%	48.1	75.1	2273	8284
20%	96.2	150	4546	16569
30%	144	225	6819	24853
40%	192	301	9092	33137
50%	240	376	11365	41421
60%	289	451	13638	49705
70%	337	526	15911	57990
80%	385	601	18184	66274
90%	433	676	20457	74558
100%	481	751	22730	82843

**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, arrhythmias, 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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