

**Table 29 Radiofrequency Radiation Levels Associated with Adverse Neurological Symptoms, Cardiac Problems and Increased Cancer Risk (chronic exposure above 0.05- 0.1 uW/cm<sup>2</sup>) Kitchen at 28" One Collector, 1C + 3 Smart 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 Collector</b>	<b>Table A41</b>	<b>Table A42</b>	<b>Table A43</b>	<b>Table A44</b>
Duty Cycle	60% Reflection	100% Reflection	1000% Reflection	2000% Reflection
1%	0.6	1	28.8	105
5%	3.1	4.8	144	525
10%	6.1	9.5	288	1049
20%	12.2	19	576	2098
30%	18.3	28.6	864	3148
40%	24.4	38.1	1152	4197
50%	30.5	47.6	1439	5246
60%	36.5	57.1	1727	6295
70%	42.6	66.6	2015	7344
80%	48.7	75.1	2303	8393
90%	54.8	85.7	2591	9243
100%	60.9	95.2	2879	10492

<b>1C, 1C+3 SM</b>	<b>Table A45</b>	<b>Table A46</b>	<b>Table A47</b>	<b>Table A48</b>
Duty Cycle	60% Reflection	100% Reflection	1000% Reflection	2000% Reflection
1%	0.9	1.5	45	162
5%	4.7	7.4	223	811
10%	9.4	14.7	445	1622
20%	18.8	29.4	890	3245
30%	28.3	44.2	1336	4867
40%	37.7	58.9	1781	6490
50%	47.1	73.6	2226	8112
60%	56.5	88.3	2671	9734
70%	65.9	103	3116	11357
80%	75.4	118	3561	12979
90%	84.8	132	4006	14602
100%	94.2	147	4452	16224

**Exceeds 0.1 uW/cm<sup>2</sup>**

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/cm<sup>2</sup>, but not at RF levels below chronic RF exposure levels of 0.05 - 0.1 uW/cm<sup>2</sup> in healthy populations.

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