

Table 5
Radiofrequency Radiation Level at 28" in the Kitchen in uW/cm2
(One Smart Meter, Four Meters)

One Meter	Table A33	Table A34	Table A35	Table A36
Duty Cycle	60% Reflection	100% 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

Four** Meters	Table A37	Table A38	Table A39	Table A40
Duty Cycle	60% Reflection	100% Reflection	1000% Reflection*	2000% Reflection*
1%	0.6	0.9	26	94.6
5%	2.8	4.3	129	473
10%	5.5	8.6	260	946
20%	11	17.2	519	1892
30%	16.5	25.7	779	2837
40%	22	34.3	1038	3783
50%	27.5	42.9	1298	4729
60%	32.9	51.5	1557	5675
70%	38.4	60.1	1817	6621
80%	43.9	68.6	2076	7566
90%	49.4	77.2	2336	8512
100%***	54.9	85.8	2595	9458

This table shows RF power density for readings at 28" in the kitchen work space.

*Note: 1000-2000% reflection based on Vermeeren et al, 2010; Christ et al, 2010; Hondou, 2002.

**More than 4 meters placed together do not appreciably increase the exposure to one reference point, such as a crib or bed. However, multiple meters can increase the square footage of space similarly affected.

***Continuous exposure is required in calculations of time-weighted average radiofrequency exposure for uncontrolled public access by FCC OET 65 (p. 15).