

Table 1
Radiofrequency Radiation Level at 6" at the Face in uW/cm2
(One Smart Meter, Four Meters)

One Meter	Table A1	Table A2	Table A3	Table A4
Duty Cycle	60% Reflection	100% Reflection	1000% Reflection*	2000% Reflection*
1%	2.1 uW/cm2	3.3	99	361
10%	21	33	989	3606
20%	42	65	1979	7212
30%	63	98	2968	10818
40%	83	131	3958	14424
50%	105	164	4947	18030
60%	105	196	5936	21636
70%	147	229	6926	25241
80%	168	262	7915	28847
90%	188	294	8904	32453
100%***	209	327	9894	36059

Four** Meters	Table A5	Table A6	Table A7	Table A8
Duty Cycle	60% Reflection	100% Reflection	1000% Reflection*	2000% Reflection*
	15 uW/cm ²	24	712	2596
10%	151	236	7124	25963
20%	301	471	14247	51925
30%	452	707	21371	77888
40%	603	942	28494	103850
50%	754	1177	35618	129813
60%	904	1413	42741	155775
70%	1055	1648	49865	181738
80%	1206	1884	56988	207701
90%	1356	2119	64112	233663
100%***	1507	2355	71235	259626

This table shows RF power density for face reading a meter at 6" distance.

*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).

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