

**TABLE 7**

**DISTANCE AT WHICH FCC TWA SAFETY LIMIT IS EXCEEDED (in inches)  
(FCC limit is 655 uW/cm<sup>2</sup> in smart meters)**

<b>One Smart Meter</b>	<b>Table A1</b>	<b>Table A2</b>	<b>Table A3</b>	<b>Table A4</b>
Duty Cycle	60% Reflection	100% Reflection	1000% Reflection*	2000% Reflection*
1%	0.5"	0.6"	3.5"	6.68"
10%	1.6"	2.0"	11.1 "	21.1"
20%	2.3"	2.8"	15.6"	29.9"
30%	2.8"	3.5"	19.2"	36.6"
40%	3.2"	4.0"	22.1"	42.2"
50 %	3.6"	4.5"	24.7"	47.3"
60%	3.9"	4.9"	27.1"	51.7"
70%	4.3"	5.3"	29.3"	55.9"
80%	4.6"	5.7"	31.3"	59.8"
90%	4.8"	6.0"	33.2"	63.4"
100%***	5.1"	6.4"	35.0"	66.8"

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<b>Four Meters**</b>	<b>Table A5</b>	<b>Table A6</b>	<b>Table A7</b>	<b>Table A8</b>
Duty Cycle	60% Reflection	100% Reflection	1000% Reflection*	2000% Reflection*
1%	1.44"	1.8"	9.4"	18.7"
10%	3.42"	4.8"	31.2"	59.7"
20%	5.70"	7.47"	44.2"	84.0"
30%	7.29"	9.39"	54.1"	103.4"
40%	8.6"	11.0"	62.5"	119.5"
50 %	9.73"	12.4"	70"	133.6"
60%	10.7"	13.6"	76.6"	146.3"
70%	11.7"	14.8"	82.2"	158.0"
80%	12"	15.8"	88.4"	169.0"
90%	13"	16.8"	93.8"	179.3"
100%***	14"	17.7"	98.9"	188.9"

\*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).