

TABLE 8

**DISTANCE AT WHICH FCC TWA SAFETY LIMIT IS EXCEEDED FOR COLLECTOR METER (in inches)
(FCC limit is 571 uW/cm² or 624 uW/cm² for collector+ 3 SM)**

FCC Limit=571 uW/cm² for collector meter				
One Meter (1 collector)	Table A9	Table A10	Table A11	Table A12
Duty Cycle	60% Reflection	100% Reflection	1000% Reflection*	2000% Reflection*
1%	0.9"	1.2"	6.5"	12.3"
10%	3.0"	3.7"	20.4"	39.0"
20%	4.2"	5.2"	28.9"	55.1"
30%	5.1"	6.4"	35.3"	67.5"
40%	5.9"	7.4"	40.8"	77.9"
50 %	6.6"	8.3"	45.6"	87.1"
60%	7.3"	9.1"	50.0"	95.4"
70%	7.9"	9.8"	54.0"	103"
80%	8.4"	10.5"	57.7"	110"
90%	8.9"	11.1"	61.2"	116"
100%***	9.4"	11.7"	64.5"	123"

FCC Limit = 624 uW/cm² for collector meter plus 3 smart meters				
One Collector** + 3 Smart Meters	Table A13	Table A14	Table A15	Table A16
Duty Cycle	60% Reflection	100% Reflection	1000% Reflection*	2000% Reflection*
1%	1.6"	2.1"	10.9"	21.3
10%	4.2"	5.6"	35.6"	68.1"
20%	6.7"	8.7"	50.4"	96.3"
30%	8.5"	10.8"	61.7"	118"
40%	9.9"	12.6"	71.3"	136"
50 %	11.2"	14.2"	79.7"	152"
60%	12.4"	15.6"	87.4"	167"
70%	13.4"	16.9"	94.4"	180"
80%	14.4"	18.1"	101"	193"
90%	15.3"	19.2"	107"	204"
100%***	16.1"	20.3"	113"	215"

*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)