

Table 13
Potential FCC Violations of the 571/624 uW/cm2
TWA Safety Limit at 11" in the Nursery
(One Collector/1C + 3 Smart Meters)

One Collector	Table A25	Table A26	Table A27	Table A28
Duty Cycle	60%	100%	1000%	2000%
571 limit	Reflection	Reflection	Reflection	Reflection
1%	4.0 uW/cm ²	6.2	187	680
5%	19.7	30.8	933	3399
10%	39.5	61.7	1865	6798
20%	78.9	123	3730	13596
30%	118	185	5596	20394
40%	158	247	7461	27192
50%	197	308	9326	33990
60%	237	370	11191	40788
70%	276	432	13056	47586
80%	316	493	14922	54384
90%	355	555	16787	61182
100%	395	617	18652	67980

One Collector + 3 Meters**	Table A29	Table A30	Table A31	Table A32
Duty Cycle	60%	100%	1000%	2000%
624 limit	Reflection	Reflection	Reflection	Reflection
1%	7.4 uW/cm ²	11.5	348	1267
5%	36.8	57.5	1738	6334
10%	73.5	115	3476	12668
20%	147	230	6952	25337
30%	221	345	10428	38005
40%	294	460	13904	50674
50%	368	575	17380	63342
60%	441	689	20855	76010
70%	515	804	24331	88679
80%	588	919	27807	101347
90%	662	1034	31283	114015
100%	735	1149	34759	126684

This table shows RF power density FCC violations at 11"

Exceeds either 571 or 624 uW/cm2 FCC Limit