

SITE A

SITE B



New Cingular Wireless PCS, LLC
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Steven L. Levine
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TO: Kevin Dey

FROM: Steve Levine

RE: Power Density Calculation for Proposed Antennas on a Proposed Tower at 131
Rabbit Hill Road, Warren

The cumulative worst-case power density for this site in accordance with FCC OET Bulletin No. 65 (1997) for a point of interest at ground level beside the tower follows.

This worst-case calculation assumes all channels working simultaneously at full power with the antennas facing directly downward.

	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm ²)	Standard Limits (mW/cm ²)	Percent of Limit
AT&T GSM	150	1900 Band	2	427	0.0136	1.0000	1.36
AT&T GSM	150	880 - 894	4	296	0.0189	0.5867	3.23
AT&T UMTS	150	880 - 894	1	500	0.0080	0.5867	1.36
Total							6.0%

Hartford/72517.5/CLARSON/350988v1