CT3605 Cromwell, CT (160 West St.) - CT Siting Council Power Density Calculations

Nextel Directional Antennas ESMR - 851 MHz at centerline 69' and 75' AGL

Note: Power densities are in mW/ cm²

Transmitters:	Frequency in MHz	CT Standard mW/ cm²	Number of Channels	ERP (W) per channel	Centerline of Tx antennas AGL (ft.)	Power density calculated at base of tower	% of CT Standard
Nextel Digital ESMR - Proposed	851	0.5673	12	100	63	**0.108662132**	**19.15%**

** lowest Sprint Nextel antenna centerline is 69' adjusted to 63' per OET 65 Bulliten for 6' average head height.

Total % of CT Standard **19.15%**