

## STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051 Phone: (860) 827-2935 Fax: (860) 827-2950 E-Mail: siting.council@ct.gov Web Site: portal.ct.gov/csc

## VIA ELECTRONIC MAIL

March 9, 2022

Jeffrey Barbadora
Site Acquisition Specialist
Crown Castle
1800 W. Park Drive
Westborough, MA 01581
jeff.barbadora@crowncastle.com

RE: **EM-T-MOBILE-165-220214** – T-Mobile notice of intent to modify an existing

telecommunications facility located at 1000 Old County Circle, Windsor Locks, Connecticut.

Dear Mr. Barbadora:

The Connecticut Siting Council (Council) received a notice of intent to modify the above-referenced facility on February 14, 2022.

According to Section 16-50j-71 of the Regulations of Connecticut State Agencies, "...any modification, as defined in Section 16-50j-2a of the Regulations of Connecticut State Agencies, to an existing tower site, except as specified in Sections 16-50j-72 and 16-50j-88 of the Regulations of Connecticut State Agencies, may have a substantial adverse environmental effect."

Staff has reviewed this exempt modification request for completeness and has identified a deficiency. The power density information provided in the exempt modification request shows a Maximum Permissible Exposure (MPE) of approximately 64.14 percent for T-Mobile's antennas; however, the percentage of MPE for the existing antennas from carriers on the facility is approximately 36.25 percent, without T-Mobile's antennas. The Council recently approved the filings of Verizon (EM-VER-165-211209) and Dish (TS-DISH-165-220106) whose MPE was not included in the above referenced filing (see attached table). Dish supersedes Nextel at the 75-foot elevation. The cumulative MPE percentage must be at or below 100 percent with all carrier's antennas.

Therefore, the exempt modification request is incomplete at this time. The Council recommends that Crown Castle provide a cumulative power density analysis including T-Mobile's proposed antennas in addition to all existing antennas of other wireless carriers documenting a MPE at or below 100 percent on or before April 8, 2022. If additional time is needed to gather the requested information, please submit a written request for an extension of time prior to April 8, 2022. Please provide an electronic version and one hard copy of the requested information for the incomplete exempt modification to be rendered complete and processed. Please include the Council's exempt modification identification number referenced above with the submittal.

This notice of incompletion shall have the effect of tolling the Federal Communications Commission (FCC) 60-day timeframe in accordance with Paragraph 217 of the FCC Wireless Infrastructure Report and Order issued on October 21, 2014 (FCC 14-153).

Thank you for your attention to this matter. Should you have any questions, please feel free to contact me at 860-827-2951.

Sincerely,

Melanie Bachman Executive Director

MAB/FOC/emr

Carrier	#Channels	ERP/Ch (W)	Ant Ht	MHz	Power Density (mW/cm2)	S	%MPE	Site Total
T-Mobile	2	592	65	600	0.1223	0.4000	3.06%	
T-Mobile	1	1578	65	600	0.1630	0.4000	4.08%	
T-Mobile	2	695	65	700	0.1436	0.4667	3.08%	
T-Mobile	4	1077	65	1900	0.4451	1.0000	4.45%	
T-Mobile	2	2154	65	1900	0.4451	1.0000	4.45%	
T-Mobile	2	1208	65	2100	0.2496	1.0000	2.50%	
T-Mobile	2	2416	65	2100	0.4992	1.0000	4.99%	
T-Mobile	1	11045	65	2500	1.1411	1.0000	11.41%	
T-Mobile	1	1074	65	2500	0.1110	1.0000	1.11%	
T-Mobile	1	22089	65	2500	2.2820	1.0000	22.82%	
T-Mobile	1	2148	65	2500	0.2219	1.0000	2.22%	64.16%
DISH	4	224	75	600	0.0677	0.4000	1.69%	
DISH	4	543	75	1900	0.1641	1.0000	1.64%	
Verizon	4	663	85	751	0.1528	0.5007	3.05%	
Verizon	2	405	85	869	0.0467	0.5793	0.81%	
Verizon	4	689	85	869	0.1588	0.5793	2.74%	
Verizon	4	1420	85	1980	0.3273	1.0000	3.27%	
Verizon	4	1600	85	2125	0.3688	1.0000	3.69%	
Verizon	4	6531	85	3730	1.5053	1.0000	15.05%	
AT&T	2	565	95	880	0.0513	0.5867	0.87%	
AT&T	2	875	95	1900	0.0795	1.0000	0.79%	
AT&T	1	238	95	880	0.0108	0.5867	0.18%	
AT&T	4	525	95	1900	0.0953	1.0000	0.95%	
AT&T	1	1615	95	734	0.0733	0.4893	1.50%	36.25%
								100.41%