



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

June 10, 2022

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

RE: **EM-T-MOBILE-040-220518** – T-Mobile notice of intent to modify an existing telecommunications facility located at 60 South Main Street, East Granby, Connecticut.

Dear Mr. Barbadora:

The Connecticut Siting Council (Council) received a notice of intent to modify the above-referenced facility on May 18, 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 in the Radio Frequency Emissions (RF) Analysis Report prepared by EBI Consulting, dated April 28, 2022. The power density analysis indicates a cumulative calculated, Maximum Permissible Exposure (%MPE) of 78.84% for the facility. The Council approved a request for exempt modification from Verizon in January of 2022. The above referenced RF analysis does not account for Verizon's %MPE values. The cumulative calculated %MPE for the facility which includes all carriers' antennas and T-Mobile's proposed antennas would be 106.8%. This exceeds the FCC's allowable General Public/Uncontrolled cumulative MPE limit of 100%.

Please see attached power density data table showing pre-existing conditions for radio frequency emissions and post modification results. Please see Verizon's filing for this facility which can be found on the Council's website under the Decisions page in East Granby under the filing number EM-VER-040-220118.

In addition, please refer to the Council's 2015 exempt modification filing memo (link added below) for filing requirements and procedures.

<https://portal.ct.gov/-/media/CSC/Guides/EMFilingMemo111015pdf.pdf>

Therefore, the exempt modification request is incomplete at this time. The Council recommends that Crown Castle provide a Cumulative Power Density report for the proposed modifications to the facility with a cumulative %MPE at or below 100% or a rigorous far-field analysis taking into account the actual antenna pattern and accounting for a 6-foot person, on or before July 8, 2022. If additional time is needed to gather the requested information, please submit a written request for an extension of time prior to July 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 incompleteness shall have the effect of tolling the 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,

A handwritten signature in dark ink, appearing to read "Melanie Bachman". The signature is fluid and cursive, with the first name being more prominent.

Melanie Bachman
Executive Director

MAB/FOC/emr

Enclosure: Power Density data table for 60 South Main Street, East Granby, Connecticut.

Control Number	Site	Carrier	#Channels	ERP/Ch (W)	Ant Ht	MHz	Power Densit	S	%MPE	Site Total
Last updated 06/03/22	Power Density Calculations									
TS-DISH-040-211029	East Granby - 60 South Main Street	DISH	4	224	48	600	0.1827	0.4000	4.57%	
TS-DISH-040-211029	East Granby - 60 South Main Street	DISH	4	543	48	1900	0.4428	1.0000	4.43%	
EM-CING-040-180807	East Granby - 60 South Main Street	AT&T	2	414	76	850	0.0608	0.5667	1.07%	
EM-CING-040-180807	East Granby - 60 South Main Street	AT&T	2	656	76	1900	0.0963	1.0000	0.96%	
EM-CING-040-180807	East Granby - 60 South Main Street	AT&T	4	949	76	1900	0.2786	1.0000	2.79%	
EM-CING-040-180807	East Granby - 60 South Main Street	AT&T	4	836	76	2300	0.2454	1.0000	2.45%	
EM-CING-040-180807	East Granby - 60 South Main Street	AT&T	2	1077	76	700	0.1581	0.4667	3.39%	
PETITION 1004	East Granby - 60 South Main Street	MetroPCS	3	727	82	2140	0.1358	1.0000	1.36%	
EM-VER-040-210118	East Granby - 60 South Main Street	Verizon	4	698	67	751	0.2698	0.5007	5.39%	
EM-VER-040-210118	East Granby - 60 South Main Street	Verizon	2	408	67	869	0.0789	0.5793	1.36%	
EM-VER-040-210118	East Granby - 60 South Main Street	Verizon	4	826	67	869	0.3193	0.5793	5.51%	
EM-VER-040-210118	East Granby - 60 South Main Street	Verizon	4	1511	67	1980	0.5841	1.0000	5.84%	
EM-VER-040-210118	East Granby - 60 South Main Street	Verizon	4	1695	67	2125	0.6553	1.0000	6.55%	
EM-VER-040-210118	East Granby - 60 South Main Street	Verizon	4	6531	67	3730	2.5248	1.0000	25.25%	
EM-SPRINT-040-190626	East Granby - 60 South Main Street	Sprint	8	778	97	2500	0.2703	1.0000	2.70%	
EM-SPRINT-040-190626	East Granby - 60 South Main Street	Sprint	4	859	97	800	0.1492	0.5333	2.80%	
EM-SPRINT-040-190626	East Granby - 60 South Main Street	Sprint	4	1440	97	1900	0.2501	1.0000	2.50%	
EM-T-Mobile-040-220518	East Granby - 60 South Main Street	T-Mobile	1	9620	90	2500	0.4903	1.0000	4.90%	
EM-T-Mobile-040-220518	East Granby - 60 South Main Street	T-Mobile	1	718	90	2500	0.0366	1.0000	0.37%	
EM-T-Mobile-040-220518	East Granby - 60 South Main Street	T-Mobile	1	19239	90	2500	0.9805	1.0000	9.81%	
EM-T-Mobile-040-220518	East Granby - 60 South Main Street	T-Mobile	1	1436	90	2500	0.0732	1.0000	0.73%	
EM-T-Mobile-040-220518	East Granby - 60 South Main Street	T-Mobile	2	592	90	600	0.0603	0.4000	1.51%	
EM-T-Mobile-040-220518	East Granby - 60 South Main Street	T-Mobile	1	1578	90	600	0.0804	0.4000	2.01%	
EM-T-Mobile-040-220518	East Granby - 60 South Main Street	T-Mobile	2	649	90	700	0.0662	0.4667	1.42%	
EM-T-Mobile-040-220518	East Granby - 60 South Main Street	T-Mobile	4	1102	90	1900	0.2247	1.0000	2.25%	
EM-T-Mobile-040-220518	East Granby - 60 South Main Street	T-Mobile	2	2204	90	1900	0.2247	1.0000	2.25%	
EM-T-Mobile-040-220518	East Granby - 60 South Main Street	T-Mobile	2	2589	90	2100	0.2639	1.0000	2.64%	106.80%