



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

August 18, 2021

Kenneth C. Baldwin, Esq.
Robinson & Cole
280 Trumbull Street
Hartford, CT 06103-3597

RE: **EM-VER-135-210716** - Cellco Partnership d/b/a Verizon wireless notice of intent to modify an existing telecommunications facility located at 366 Old Long Ridge Road, Stamford, Connecticut.

The Connecticut Siting Council (Council) is in receipt of your correspondence of August 17, 2021 submitted in response to the Council's August 17, 2021 notification of an incomplete request for exempt modification with regard to the above-referenced matter.

The submission renders the request for exempt modification complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Melanie A. Bachman'.

Melanie A. Bachman
Executive Director

MAB/CMW/laf

From: Baldwin, Kenneth <KBALDWIN@RC.com>
Sent: Tuesday, August 17, 2021 2:43 PM
To: Bachman, Melanie <Melanie.Bachman@ct.gov>
Cc: Mayo, Rachel <rmayo@RC.com>
Subject: EM-VER-135-210716 Incomplete Letter

EXTERNAL EMAIL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Melanie

We received the attached incomplete letter regarding information in the RF table submitted with the above-referenced filing. In particular the letter requests clarification regarding Cellco's use of 1500 MHz frequencies for its PCS and AWS services.

The RF table submitted with the EM filing identifies the operating frequency for the PCS and AWS antennas as 1980 MHz and 2120 MHz respectively, nothing in the 1500 MHz frequency range. The corresponding references in the "Effective Radiated Power (ERP) Per Transmitter" column are 1561 Watts and 1528 Watts respectively. Cellco is not planning to use any frequencies in the 1500 MHz range.

Let me know if you have any other questions.

Ken

Kenneth C. Baldwin

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Site Name: **STAMFORD NW CT**
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	642	2570	98	0.0096	0.5007	1.92%
VZW Cellular	874	4	742	2969	98	0.0111	0.5827	1.91%
VZW PCS	1980	4	1561	6243	98	0.0234	1.0000	2.34%
VZW AWS	2120	4	1528	6112	98	0.0229	1.0000	2.29%
VZW CBRS	3625	4	11	42	98	0.0002	1.0000	0.02%
VZW CBAND	3730.08	4	6531	26125	98	0.0978	1.0000	9.78%
Total Percentage of Maximum Permissible Exposure								18.25%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz

mW/cm^2 = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.