



# 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](mailto:siting.council@ct.gov)

[www.ct.gov/csc](http://www.ct.gov/csc)

March 22, 2019

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

RE: **PE1133-VER-20190125** – Cellco Partnership d/b/a Verizon Wireless sub-petition for a declaratory ruling for approval of an eligible facility request for modifications to an existing telecommunications facility located at 320 Old Stagecoach Road, Ridgefield, Connecticut.

Dear Attorney Baldwin:

The Connecticut Siting Council (Council) is in receipt of your correspondence dated March 21, 2019 regarding the minor project changes to the eligible facility request for the above-referenced site that was approved by the Council on February 25, 2019.

Pursuant to the Council's Petition No. 1133 decision of March 6, 2015 and the February 25, 2019 decision on this sub-petition, the proposed modifications including reducing the number of remote radio units from nine to six and changing the model of the remote radio units from the originally proposed Nokia AHCA Airscale to the currently proposed Samsung B13/B5 are hereby approved.

This approval applies only to the minor project changes dated March 21, 2019. Any minor changes to the eligible facility request require advance notification and approval.

Thank you for your attention and cooperation.

Sincerely,

Melanie Bachman  
Executive Director

MB/IN/emr

c: The Honorable Rudolph P. Marconi, First Selectman, Town of Ridgefield  
Richard S. Baldelli, Director of Planning and Zoning, ZEO, Town of Ridgefield

March 21, 2019

Melanie A. Bachman, Esq.  
Executive Director/Staff Attorney  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

Re: **PE1133-VER-20190125 – 320 Old Stagecoach Road, Ridgefield, CT**

Dear Ms. Bachman:

On February 25, 2019, the Connecticut Siting Council approved the above referenced Cellco Partnership d/b/a Verizon Wireless (“Cellco”) Eligible Facilities Request for modifications to the existing telecommunications facility at 320 Old Stage Coach Road, in Ridgefield, Connecticut. Cellco received approval to install nine (9) antennas and nine (9) remote radio heads (“RRHs”) on the existing tower. Cellco has not yet installed its equipment on the tower.

Recently, Cellco decided that it was going to reduce the number of RRHs on the tower from nine (9) to six (6) and change the model of RRH, eliminating the Nokia AHCA Airscale RRHs and the Alcatel-Lucent RRHs. Cellco will install three (3) Samsung B66/B2 RRHs and three (3) Samsung B13/B5 RRHs on the tower. A copy of the specification sheet for the Samsung B5/B13 RRH is attached for your file. The specification sheet for the Samsung B66/B2 RRH was provided in the original sub-petition filing. Also attached is an updated cumulative General Power Density table.

19150767-v1

# Robinson + Cole

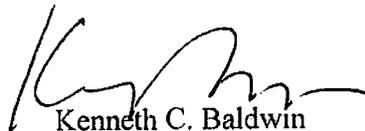
Melanie A. Bachman, Esq.

March 21, 2019

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Please let me know if you have any questions or need any additional information.

Sincerely,



Kenneth C. Baldwin

Enclosures

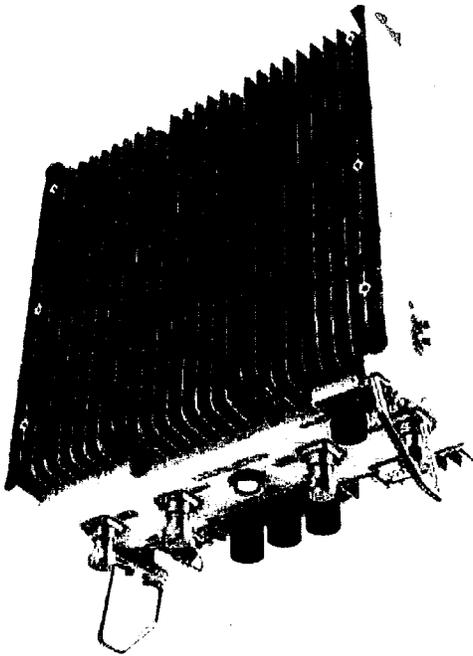
Copy to:

Aleksey Tyurin

# SAMSUNG

## Dual-Band Radio Unit 700/850MHz (B13/B5) RFV01U-D2A

Samsung's RFV01U-D2A is a compact remote Radio Unit (RU) designed for deployments that require flexibility in installation and rapid onlining, without compromising on coverage, capacity or operational expenses.



The RFV01U-D2A RU targets dual-band support across Band 13 (700MHz) and Band 5 (850MHz), making it an ideal product for broad coverage footprints across multiple common low-end, long-range frequencies.

The RU handles all Radio Frequency (RF) processing in a single, compact unit, and is designed to interface via CPRI with Samsung's CDU baseband offerings, in both distributed- and central-RAN configurations.

In addition to its minimal footprint and ease of installation, the RU is also designed to reduce cost of ownership through its integrated spectrum analyzer, which allows for remote RF monitoring, greatly reducing the need for on-site maintenance visits.

### Features and Benefits

- Dual-band support for broad frequency coverage
- Minimal footprint reduces site costs
- Rapid, easy installation
- Flexibly deployable in any location
- Remote RF monitoring capability
- Convection cooled, silent operation

### Key Technical Specifications

Duplex Type: FDD  
Operating Frequencies:  
    B13: DL(746-756MHz)/UL(777-787MHz)  
    B5: DL(869-894MHz)/UL(824-849MHz)  
Instantaneous Bandwidth: 10MHz(B13) + 25MHz(B5)  
RF Chain: 4T4R/2T4R/2T2R  
Output Power: Total 320W  
DU-RU Interface: CPRI (10Gbps)  
Dimensions: 380 x 380 x 207mm (29.9L)  
Weight: 31.9kg  
Input Power: -48V DC  
Operating Temp.: -40 - 55°(w/o solar load)  
Cooling: Natural convection