

From: Robert Koppel

To: Nimesh Sangani

Date: May 01, 2020

Subject: Additional Information Request

Message:

Pivotal Commware
Application for Renewal of Conventional Experimental Authority
For 24 GHz and Upper 37 GHz Bands

Call Sign: WJ2XOO
File No. 0216-EX-CR-2020

Revised Narrative Statement
May 1, 2020

In its experimental authorization, as modified (0148-EX-CM-2018), Pivotal was granted authority to test 20 units operating in the 28 GHz band and 20 units operating in the 39 GHz band.

In this renewal application, Pivotal requests experimental authority for:

- Pivotal Commware Models Echo 5G and Pivot 5G, 28 GHz band devices, 100 units
- Pivotal Commware Models Echo 5G and Pivot 5G, 39 GHz band devices, 100 units

Pivotal clarifies the following:

- The Pivot 5G is a network repeater, mounted on utility poles and similar structures.
- The Echo 5G is an end-user device (already certified for operation in the 28 GHz band), mounted on a consumer's window.
- Pivotal will not deploy more than 100 units, in the aggregate, of 28 GHz band and 39 GHz band units. In other words, if Pivotal deploys eighty (80) 28 GHz band devices, Pivotal would not be able to deploy more than twenty (20) 39 GHz band devices.

Description of the testing:

Pivotal is working with several nationwide CMRS service providers to test the deployment of next generation 5G devices, consistent with the FCC's goal to rapidly deploy 5G. Pivotal needs to deploy a sufficient number of network repeaters and end-user devices to adequately test the propagation characteristics and throughput in any given geographic area. Because of the relatively short path length of millimeter wave devices, Pivotal requires 100 devices (a combination of network and end-user devices) in order to undertake this testing. Testing in any geographic area will not exceed 4 months.

Stop buzzer POC

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