

**CCO Fiberlink, LLC, 3.5 GHz experimental application, File No. 0718-EX-ST-2020**

Please see below for additional information on Charter's 3.5 GHz testing in the Los Angeles area. We have provided more details about the purpose of our testing. In addition, we have limited the number of devices for which we seek approval for testing, and limited the locations requested. Please let me know if you need any additional information.

In the Los Angeles area Charter is testing to verify performance and user experience to make efficient use of CBRS small cells. We will use less than 20 base stations in the Los Angeles area. Charter is testing in different morphologies to characterize the RF perform in different environments (urban, suburban). The testing in the Los Angeles area is being used to assess performance in a suburban environment.

Charter has determined that authority is only required in one location in the Los Angeles area. Charter will only perform testing under this experimental authority within a 12.87 Km radius of 34° 0' 31.38" N, 118° 22' 54.3" W. Charter does not require experimental authority at the other locations filed in the pending application.

Charter confirms no FSS operators or Grandfathered Wireless Broadband Licensees (GWBLs) would be affected by Charter's testing in this area. Charter is aware of FSS operators over 30 miles away, but the Santa Monica Mountains separates the FSS operations from Charter's testing area, with a minimum of 1400 feet of terrain blocking the RF path. Charter also is aware of the Grandfathered Wireless Broadband Licensees (GWBLs) operating over 40 miles away from Charter's testing area. As well as this substantial geographic separation, a minimum of 500 feet of vertical terrain obstructs the RF path to each of the GWBLs operating within 100 miles of the proposed testing location. Charter additionally will employ uplink Receive Signal Strength Indicator (UL RSSI) detection in the channels we are both considering, and actively using, to ensure these channels are not conflicting with any operations. As noted above, testing is monitored constantly, and we have published our 24x7 contact list and can shut the network immediately if there are any interference concerns.