

From: Nokia - Steitz

To: Nimesh Sangani
Date: August 25, 2020

Subject: Additional Information Requestion

Message:

Nokia Naperville Office Complex will use the proposed transmission authority for product testing, customer demonstrations and research. To that end, we will be deploying a Nokia Digital Automation Cloud (NDAC) solution in this site to operate a Private LTE/5G network in CBRS and other bands that will be used to provide a platform novel research projects. NDAC comes built in with a SAS service --- currently, one or more of the commercial SASs (such as Federated Wireless) and eventually Nokia's own SAS system upon complete FCC certification would be used. This will always guarantee that the operation of CBSDs are compliant with 47CFR Part96 specification and thus protect the Fixed Satellite Service (FSS) earth stations, Grandfathered Wireless Broadband Licensee (GWBLs) and Coastal Dynamic Protection Areas (DPAs). Nokia will also use same SAS services for any other non-NDAC network solution testing in this facility.

Also, our CBRS spectrum availability analysis for this location shows that bottom 100 MHz (3550-3650 MHz) has no incumbent protection constraints and so we aim to operate in this bottom 40 MHz of CBRS band (3550-3650 MHz). Since our network is only for Nokia campus wide use with restricted deployment of only our CBRS band equipment, we will ensure the coverage footprint is limited to our campus edges.