

August 17, 2020

Nokia Bell Labs US LLC
600 Mountain Ave
Murray Hill, NJ 07974

RE: Response regarding question for License renewal file number 0378-EXCR-2020

Nokia Bell Labs will be deploying a Nokia Digital Automation Cloud (NDAC) solution in these sites 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. 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).

Also, we aim to operate in top 50 MHz of CBRS band (3650-3700 MHz) in GAA mode. The nearest GWBL in this location are in Northern New York (GWBL: Avangrid) and Pennsylvania (GWBL: Exelon energy)—almost 100+ Km away. Since our network is only for Nokia campus wide use it has a small footprint and we will coordinate manually with these GWBL s and FSS by reporting our computed interference to the incumbents and to the SAS providers.

Yours Sincerely,
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