

Nokia Solutions and Networks

Date: January 11, 2019

Federal Communications Commission Authorization and Evaluation Division

FCC ID: **2AD8UFZCWO2CA1**

Product: AC220 Wi-Fi AP OD directional antenna US; AC220 Wi-Fi AP OD external antenna US; AC220 Wi-Fi AP OD small omni antenna US

Model: WO2C-AC220

To Whom It May Concern:

We, Nokia Solutions and Networks submit this formal request to the FCC Authorization and Evaluation Division for an Expedited Review for the DFS radar testing required by KDB 388624 D01 Permit but Ask Procedure on FCC ID: 2AD8UFZCWO2CA1


Reasoning for Expedited Review:

The WO2C-AC220 (FCC ID: **2AD8UFZCWO2CA1**) utilize the same Qualcomm RF Chipset Model: IPQ4029, the same RF module and the same antenna gain with Original application.

FCC ID: **2AD8UFZCWO2CA1** DFS Verification testing was performed at the FCC on 12/14/2017. The DFS detection functionality has not been changed between these devices.

\	FCC ID of Previously Granted DFS Device	FCC ID of New Software Application
Technology	802.11a/b/g/n/ac	802.11a/b/g/n/ac
Bandwidth	Up to 80MHz	Up to 80MHz
Antenna Information	The Same device	
DFS function, circuitry, software	The same RF circuitry	The same RF circuitry; New Nokia Software to add the MESH mode
TX power, Modulation, receivers	All the same.	
Name of the test labs for the various Grants	MRT Technology (Taiwan) Co., Ltd	MRT Technology (Taiwan) Co., Ltd

Sincerely,



(Signature)

Terry Schwenk

Title: R&D Engineer - Regulatory Compliance

Nokia Solutions and Networks

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