



## **Nokia Solutions and Networks**

Date: October 23, 2018

Federal Communications Commission Authorization and Evaluation Division

FCC ID: **2AD8UFZCWI4A1**

Product: Wireless Access Point

Model: WI4A-AC400i

### **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: 2AD8UFZCWI4A1

### **Reasoning for Expedited Review:**

The WI4A-AC400i (FCC ID: **2AD8UFZCWI4A1**) utilize the same Qualcomm RF Chipset Model: IPQ8065, the same RF module and the same antenna gain with Original application.

FCC ID: 2AD8UFZCWI4A1 DFS Verification testing was performed at the FCC on 09/06/2017. 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 | Bureau Veritas CPS (H.K.) Ltd.,<br>Taoyuan Branch | MRT Technology (Taiwan) Co., Ltd                               |

Sincerely,



(Signature)

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