



Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Attn: Office of Engineering and Technology.

FCC ID: 2ABZJ-100-00018

Models: C5c

Applicant: Mimosa Networks, Inc.

Date: 5/11/17

To Whom It May Concern:

We, Mimosa 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: 2ABZJ-100-00018.

Reasoning for Expedited Review:

The device under investigation uses the same DFS radar functionality as the one used by the B5c device (FCC ID: 2ABZJ-100-00014) which already has been tested and certified.

Please refer to page 2 for the “Expedited Review Information” table.

Sincerely,

Signature

Name/Position: Aon Mujtaba / Senior Vice President, Engineering

Email: mujtaba@mimosa.co

Expedited Review Required Information

	FCC ID(s) of Previously Granted DFS Devices 2ABZJ-100-00014	FCC ID of New Application 2ABZJ-100-00018
Technology (802.11x, frame based, MIMO, smart antenna, etc.)	No differences	No differences
Bandwidth information and differences	No differences	No differences
Antenna Information and Differences	Connectorized antennas, with lowest antenna gain of 0 dBi	Connectorized antennas with lowest antenna gain of 2.5 dBi
Differences in DFS functioning, circuitry, software, etc.	No differences	No differences
Differences between the products such as Tx power, modulation, receivers, processing circuitry	FEM with linear Tx power detector, identical Quantenna QT2518B (RFIC) and QT3840BC (BBIC) wireless LAN chipsets.	FEM with quasi-log Tx power detector, identical Quantenna QT2518B (RFIC) and QT3840BC (BBIC) wireless LAN chipsets.
Names of test labs for various Grants	Bay Area Compliance Lab (BACL) Corp.	DEKRA Testing and Certification Co., Ltd.