



TP-Link Technologies Co., Ltd.

Date: December 10, 2018

Federal Communications Commission Authorization and Evaluation Division

FCC ID: TE7AX11000

Product: AX11000 MU-MIMO Tri-Band Gaming Router

Model: Archer AX11000

To Whom It May Concern:

We, TP-Link Technologies Co., Ltd. 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: TE7AX11000

Reasoning for Expedited Review:

The Archer AX11000 (FCC ID: TE7AX11000) and the Archer AX6000 (FCC ID: TE7AX6000) utilize the same Broadcom RF Chipset Model: BCM43684 , but have different housing and Antenna gains.

The Archer AX6000 (FCC ID: **TE7AX6000**) utilizes 4 x 4 Dual Band Dipole Antennas with gains of 1.16dBi (2.4GHz) and 2.28dBi (5GHz).

The Archer AX11000 (FCC ID: **TE7AX11000**) utilizes 4 x 4 Dual-Band Dipole Antennas with gains of 1.8dBi in 2.4GHz and 1.8dBi (5GHz) Band.

FCC ID: **TE7AX6000** DFS Verification testing was performed at the FCC on December 6, 2018.

The DFS detection functionality has not been changed between these devices.

	FCC ID of Previously Granted DFS Device	FCC ID of New Application
Technology	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac/ax
Bandwidth	Up to 160MHz	Up to 160MHz
Antenna Information	Dipole Antenna, 2.28dBi (5GHz)	Dipole Antenna, 1.8dBi (5GHz)
DFS function, circuitry, software	Broadcom RF Chipset Model: BCM43684; The same software with FW: REL.17.10.25.1503	
TX power, Modulation, receivers	There is different TX power between two applications, and the other are the same.	
Name of the test labs for the various Grants	MRT Technology (Suzhou) Co., Ltd	MRT Technology (Taiwan) Co., Ltd

Sincerely,

For and on behalf of
TP-LINK TECHNOLOGIES CO.,LTD.


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Authorized Signature(s)

Huang Jing

Title: Compliance Manager

TP-Link Technologies Co., Ltd.

TEL: 0755-21534921

E-mail: carina.huang@tp-link.com