

Declaration Letter

Date: 2024-08-02

To: Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia.MD 21046

Company Name: TP-LINK CORPORATION PTE. LTD.
Address: 7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987

Hereby confirm that the following products:

Product description: BE9300 Wi-Fi 7 Bluetooth PCIe Adapter
Type designation: Archer TBE552E
Trademark: tp-link

Subject: Request permission to use WLAN 6G partial test results from model MT7927(FCC ID: RAS-MT7927) in our applications for the model Archer TBE552E(FCC ID: 2BCGWTBE552E)

The detail information of changes as below:

Archer TBE552E is that host integrator for the module MT7927, the power class of Archer TBE552E is not bigger than MT7927, The antenna gain is also smaller than that of the module, but the antenna type is different, so the radiation has been reevaluated. MT7927 6G supports 6XD and 6CD, while Archer TBE552E only supports 6XD function, which can be controlled through software, no other change for the module.

For the above,

1. we performed full test for Radiated emissions and spot checked e.i.r.p power for 6GHz WIFI, re-used partial test results of 6GHz WIFI from module MT7927,
2. we performed full test for 2.4GHz/5GHz WIFI and BT/BLE.

as below tables for details:

RF Module Model	FCC ID	Module Function	Report Number	Standard
MT7927	RAS-MT7927	WIFI 6E	RFBARR-WTW-P22060042-2 R1	47 CFR FCC Part 15, Subpart E (Section 15.407) ANSI C63.10-2013

	Retest or not	Comments
1、 part 15E WIFI (6G)	Spot check the e.i.r.p. Radiated emissions full test.	Spot check e.i.r.p. is lower than module approval of MT7927(FCC ID: RAS-MT7927)
2、 part 15C	Full test	

WIFI (2.4G) and BT/LE		
3、 part 15E WIFI (5G)	Full test	

Sarah Wang

Name: Sarah Wang

Position: Regulatory Compliance Manager

Signature: 2024-08-02