

Razer Inc.

Federal Communications Commission
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Columbia MD 21046

C.C.: Telefication B.V., Dept. FCC TCB
Edisonstraat 12A
6902 PK ZEVENAAR
The Netherlands

Subject: Requesting Class II permissive change for FCC ID: RWO-RZ090368QCNFA
To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID: RWO-RZ090368QCNFA, original granted on 08/03/2021.

The major change field under this application is:

1. The subject approved module is being used in a portable configuration- a Notebook (Brand name/Model: RAZER/ RZ09-0370), the distance between antenna and human body is 0 mm and the original module report the distance is 20 mm. SAR testing was performed to demonstrate RF compliance.
2. The difference compared with the original module design is antenna change. Two groups antennas are used for the subject approved module in the Notebook Computer as below listed.

Original module:

2.4 GHz:	PIFA antenna with 3.53 dBi (Antenna Connector: i-pex)
	Monopole antenna with 3.22 dBi (Antenna Connector: i-pex)
5 GHz:	PIFA antenna with 4.81 dBi (Antenna Connector: i-pex)
	Monopole antenna with 4.77 dBi (Antenna Connector: i-pex)

Notebook : Antenna Type :Main Antenna / Aux Antenna :PIFA

Antenna Gain (dBi)	Brand	Main Antenna (Ant A)	Aux Antenna (Ant B)
	Bluetooth	3.02	/
	WLAN 2.4G	3.02	3.16
	WLAN 5.2G	3.03	3.01
	WLAN 5.3G	3.03	3.05
	WLAN 5.6G	4.52	4.17

	WLAN 5.8G	4.10	4.07
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3. For the Notebook , since it is client without DFS radar detection capability, detection threshold as set to the module remains identical, and would deactivate the link as it is operated with AP only, DFS test can be excluded.
4. Reduce the Output Power through software, and SAR measurement was evaluated.
5. The frequency over 6GHz is disable.

Please contact me if you have any questions or need further information regarding this application.

Best Regards

Name: Johnsen Tia 
Title: Director, Regulatory & Compliance
Date: 2021-09-30
Signed: