

Razer Inc

Federal Communications Commission
7435 Oakland Mills Road
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-RZ090368
To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for
FCC ID: RWO-RZ090368, original granted on 12/30/2020

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/ RZ09-0409), the distance between antenna and human body is 0 mm and the original module report the distance is 13 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:

ANTENNA INFORMATION	
ANTENNA DESCRIPTION	GAIN (dBi) or Integral
SkyCross reference Antenna Type PIFA	
2400-2484 MHz	3.24 dBi
5150-5250 MHz	3.64 dBi
5250-5350 MHz	3.73 dBi
5470-5725 MHz	4.77 dBi
5725-5850 MHz	4.97 dBi

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

Antenna Gain (dBi)	Brand	Main Antenna (Ant A)	Aux Antenna (Ant B)
	Bluetooth	3.22	/
	WLAN 2.4G	3.22	3.11
	WLAN 5.2G	3.01	3.15
	WLAN 5.3G	3.71	3.50
	WLAN 5.6G	4.07	3.65
	WLAN 5.8G	4.04	3.68

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.

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

Best Regards



Name: Johnsen Tia
Title:Senior Director, Regulatory & Compliance
Date: 2021-05-24