

Guangzhou Shikun Electronics Co., Ltd

Federal Communications Commission

7435 Oakland Mills Road

Columbia MD 21046

Attn: OET Dept.

Ref: FCC Class II Permissive Change for FCC ID: 2AR82-SKIWB668BU2

(Original Grant date: 06/10/2020)

Applicant: Guangzhou Shikun Electronics Co., Ltd

Dear Examiner,

This is to request a Class II permissive change for FCC ID: 2AR82-SKIWB668BU2, originally granted on 06/10/2020

The change file under this application is:

- 1,The power will be reduced
- 2,The antenna will be changed

Original Antenna information

Antenna	Frequency (MHz)	Antenna Type	MAX Antenna Gain (dBi)
BT	2402-2480	PCB Antenna	3.94

Antenna model	Frequency (MHz)	Antenna Type	MAX. Antenna Gain (dBi)
1(WIFI0)	2412-2462	PCB Antenna	3.70
2(WIFI1)	2412-2462	PCB Antenna	4.94

Antenna No.	Frequency Band	Antenna Type	Max Antenna Gain (dBi)
1(WIFI0)	UNII1	PIFA	2.87
2(WIFI1)	UNII1	PIFA	2.53
1(WIFI0)	UNII-2A	PIFA	3.45

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2(WIFI1)	UNII-2A	PIFA	2.75
1(WIFI0)	UNII-2C	PIFA	5.45
2(WIFI1)	UNII-2C	PIFA	4.88
1(WIFI0)	UNII3	PIFA	5.2
2(WIFI1)	UNII3	PIFA	4.53

New antenna information:

KTC ANTENNA:

Antenna	Frequency (MHz)	Antenna Type	MAX Antenna Gain (dBi)
1(BT)	2402-2480	Dipole antenna	3.5

INNO-LINK ANTENNA:

Antenna	Frequency (MHz)	Antenna Type	MAX Antenna Gain (dBi)
1(BT)	2402-2480	Dipole antenna	2.44

KTC ANTENNA:

Antenna model	Frequency (MHz)	Antenna Type	MAX. Antenna Gain (dBi)
1(WIFI0)	2412-2462	Dipole antenna	3.5
2(WIFI1)	2412-2462	Dipole antenna	3.5

INNO-LINK ANTENNA:

Antenna model	Frequency (MHz)	Antenna Type	MAX. Antenna Gain (dBi)
1(WIFI0)	2412-2462	Dipole antenna	2.44
2(WIFI1)	2412-2462	Dipole antenna	2.44

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KTC ANTENNA:

Antenna model	Frequency (MHz)	Antenna Type	MAX. Antenna Gain (dBi)
1(WIFI0)	UNII-1&UNII-2A& UNII-3C&UNII-3	Dipole antenna	5
2(WIFI1)	UNII-1&UNII-2A& UNII-3C&UNII-3	Dipole antenna	5

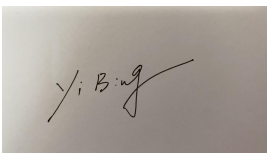
INNO-LINK ANTENNA:

Antenna model	Frequency (MHz)	Antenna Type	MAX. Antenna Gain (dBi)
1(WIFI0)	UNII-1&UNII-2A& UNII-3C&UNII-3	Dipole antenna	5.2
2(WIFI1)	UNII-1&UNII-2A& UNII-3C&UNII-3	Dipole antenna	5.2

The IEEE 802.11b/g/n/a/ac 2T2R USB WiFi Module Integrated BT 2.1+EDR/4.2/5.0 already applied for FCC ID and the ID number is 2AR82-SKIWB668BU2. We performed measurement for Radiated Band Edges, Spurious Emission and conducted output power and applied C2PC base on this Module.

If you have any questions regarding this application, please feel free to contact me.

Best Regards,



Company Name: Guangzhou Shikun Electronics Co., Ltd

Contact Name: Bing Yi

Title of Person: Certification Manager

Address: NO.6 Liankun Road,Huangpu District Guangzhou 510530 China