

Yi Tunnel (Beijing)Technology Co., Ltd

Federal Communications Commission

7435 Oakland Mills Road

Columbia MD 21046

Attn: OET Dept.

Ref: FCC Class II Permissive Change for FCC ID: 2A36J-SS23-QE-VA

(Original Grant date: 04/26/2023)

Applicant: Yi Tunnel (Beijing)Technology Co., Ltd

Dear Examiner,

This is to request a Class II permissive change for FCC ID: 2A36J-SS23-QE-VA

Product description: Jupiter AI Kit

originally granted on 04/26/2023

The change file under this application is:

The major change filed under this application is:

1. Change antenna type:

Technology	Old	New
WCDMA	Dipole Antenna	FPC Antenna
LTE		LDS Antenna
2.4G WIFI		FPC Antenna

2. Change antenna gain:

		Frequency Band	Old Antenna Gain (dBi)	New Antenna Gain (dBi)
LTE	WCDMA B2	Uplink: 1850 MHz ~ 1910 MHz Downlink: 1930 MHz ~ 1990MHz	2.93	4.19
	WCDMA B4	Uplink: 1710 MHz ~ 1755 MHz Downlink: 2110 MHz ~ 2155MHz	2.93	4.19
	WCDMA B5	Uplink: 824 MHz ~ 849 MHz Downlink: 869 MHz ~ 894 MHz	2.53	0.99
	B2	Uplink: 1850 MHz ~ 1910 MHz Downlink: 1930 MHz ~ 1990MHz	2.93	4.19
	B4	Uplink: 1710 MHz ~ 1755 MHz	2.93	

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		Downlink: 2110 MHz ~ 2155MHz		4.19
	B5	Uplink: 824 MHz ~ 849 MHz Downlink: 869 MHz ~ 894 MHz	2.53	0.99
	B12	Uplink: 699 MHz ~ 716 MHz Downlink: 729 MHz ~ 746 MHz	2.53	1.04
	B13	Uplink: 777 MHz ~ 787 MHz Downlink: 746 MHz ~ 756 MHz	2.53	0.85
	B17	Uplink: 704 MHz ~ 716 MHz Downlink: 734 MHz ~ 746 MHz	2.53	1.04
	B26	Uplink: 814 MHz ~ 824 MHz Downlink: 859 MHz ~ 894 MHz	2.53	0.55
	B26	Uplink: 824 MHz ~ 849 MHz Downlink: 859 MHz ~ 894 MHz	2.53	0.99
	B41	Downlink: 2496 MHz ~ 2690 MHz	2.53	3.91
2.4G WIFI		2412-2462 MHz	3.78	2.67

Also, please note the following with respect to this application:

- Software security remains unchanged from the original application.
- Reduced power for WCDMA B2/WCDMA B4/Band 2/Band 4/Band 41.

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

Best Regards,

Guangjie Xiang

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