

Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

Date: October 30, 2024

Subject: Requesting Class II permissive change for FCC ID: 2ABC5-AP6611S

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID: 2ABC5-AP6611S, original granted on 10/30/2023

Applicant: SHENZHEN ELECTRON TECHNOLOGY CO., LTD.

A. DESCRIPTION OF PRODUCT CHANGES

1. Change new antenna (Antenna 1: SLK-YLD-3028A1-L-2201-B, Antenna 2: SLK-YLD-3028A-L-3201-B, Antenna 3: SLK-YLD-3028A-L-4001-B, Antenna 4: SLK-YLD-3028B-R-3501-B) based on original antenna;

B. PERFORMANCE DIFFERENCES

Description	Re-testing item	Remark
Maximum Conducted Power	Need	After check conducted output power with less than original grant power (tune up same), conducted spurious emission, bandwidth, PSD, etc no need measure.
AC Mains Conducted Emission	No need	Add antenna not effect AC mains conducted emissions.
External Photos	Need	External photos with additional antenna
Internal Photos	No need	External photos without any change
Test Setup Photos	Need	Test setup photos with radiated emission (including below 1 GHz and above 1 GHz) need provide
User manual	No need	No change
RF Exposure Evaluation	Need	The maximum antenna gain of additional new antennas less than original antenna gain and maximum output power including tune up are same, can use RF exposure evaluation report with original antenna gain.
Radiated Emission (30MHz – 1GHz)	Need	Measure Radiated emission (30MHz – 1 GHz) with antenna antennas (maximum gain of additional antenna)
Radiated Emission (1GHz – 26GHz)	Need	Measure Radiated emission (1GHz – 40 GHz) with antenna antennas (maximum gain of additional antenna)
Radiated band-edge	Need	Measure Radiated band edge with

emission		antenna antennas (maximum gain of additional antenna)
DFS Test Report	No need	Original Report using antenna gain is 0dBi for DFS measurement, new additional antenna gain values above 0dBi, DFS measurement at additional antenna no need as the lowest gain of additional antenna above 0dBi
EIRP	Need	The re-measure conducted output power (tune up same) and new additional antenna gain are less than original, EIRP = Conducted output power + antenna gain less than original grant values.

C. CONCLUSION

This radio continues to meet all FCC standard requirements, including RF Exposure, thus this change does meet requirements a Class II Permissive Change.

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

Sincerely,



2024-10-30

Signature

Date

Name / Title: Lianqi Wang / Manager

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