

Date: 3/11/2024

Description of Permissive Change

The application is preparing for FCC Class II Permissive Change. The differences compared with the original application are:

1. RF components downsize from 0402 to 0201 and change some Inductors and capacitors component value (include L5 /L2 / L4 / C17 / C18 / L3 / C19 / C23), keep performance better, the change doesn't affect RF parameters. (For the detail, please refer to schematics and internal photos page 2)
2. Mount C24 capacitor component. (For the detail, please refer to schematics and internal photos page 2)
3. Change antenna gain and rename the antenna type as below:

Original			
Antenna Gain (dBi)	Frequency Rang (GHz)	Antenna Type	Connector Type
4.46	2.4-2.4835	PCB Printed	None
Newly			
Antenna Gain (dBi)	Frequency Rang (GHz)	Antenna Type	Connector Type
7.23	2.4-2.4835	Dipole antenna	None

There are no changes to antenna components / related hardware. Antenna gain was re-evaluated for this specific host by manufacturer and antenna type was updated to be more accurate.

Except for the changes mentioned above, no other modification is performed.

Regards,



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