

Bluebird Inc.
(Dogok-dong, SEI Tower 13,14)39, Eonjuro30-gil,
Gangnam-gu, Seoul, South Korea

Dec 31, 2019

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Class II Permissive Change Cover Letter
SUBJECT: Class II Permissive Change for FCC ID : SS4DR900

The intension of this application is to enable the modular FCC ID: SS4DR900, granted on 12/30/2019 to be integrated in RFID Module, Model : DR900

The module installed into host platform mentioned above is electronically and mechanically identical to the original certified module. The Original FCC testing on module under FCC ID:SS4DR900 was performed with an antenna of higher gain, and the antenna was connected to the module in an open environment. The current host platform under application uses an antenna of the same type but of lower gain and is installed inside the host platform enclosure. The physical restraints introduced by the host platform should have resulted in equal or lower level of radiated emission. Therefore, additional Radiated emission testing is not necessary. Software security remains unchanged from the original application.

Antenna specification:

1. Antenna Type: Patch Antenna
2. Antenna gain(Max gain) : -6.82 dBi
3. Manufacturer and Model: MAC technologies Inc. / MPAC18SC919P-TA-KR (DR900)

Except for the change above, the design, hardware and implementation are exactly same with original.

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

Sincerely,



Yong Sik, Jang/ QA Senior Manager
Bluebird Inc.