RF EXPOSURE EVALUATION

FCC ID：**2ACSH-FACD**

According to FCC 1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) Radiation:

P(mW) / (d(mm) * SQRT(f, GHz)) < 1/3

The maximum average output power for low channel is: 7.15dBm= 5.19mW
The low frequency for WiFi is f=2.412 (GHz), and result ins SQRT (f) = 5.818
So the antenna distance shall be **5.19** / (1/3 * 5.818), at least **2.68** mm.

The maximum average output power for middle channel is: 7.03dBm= 5.05mW
The middle frequency for WiFi is f=2.437 (GHz), and result ins SQRT (f) = 5.939
So the antenna distance shall be **5.05** / (1/3 * 5.939), at least **2.56** mm.

The maximum average output power for high channel is: 6.79dBm= 4.78mW
The high frequency for WiFi is f=2.462 (GHz), and result ins SQRT (f) = 6.061
So the antenna distance shall be **4.78** / (1/3 * 6.061), at least **2.37** mm.

I.e. the minimum distance from antenna to outer side of the enclosure is 2.68mm. The actual distance is 3.5mm, so the result is **PASS**.