Driver configuration for RF regulatory certification (V2.0)

2023/02/21

Introduction:

This document introduces which configurations SHOULD be involved when the product needs to comply with the country related RF certification.

Depending on different country's RF-related policy, below configurations of the end-product should be enabled as default before shipping if necessary.

Configurations and Regulations

(A) EN300 328 (Adaptivity function):

Realtek Wi-Fi solutions support both ETSI Adaptivity test and Carrier Sense test. Customers can find ways to configure Wi-Fi driver for the homologation test and simple debug methods in the document "Quick_Start_Guide_for_Adaptivity_and_Carrier_Sensing_Test.pdf" in the driver package.

※ According to the test requirement, the Wi-Fi performance may drop in the noisy environment. Please enable this function only when you really need it.

(B) For other RF-related certification request, customer should check the document "TX_Power_Setting_for_RF_Regulatory.pdf" for more details. If you didn't get the document before, please contact the hardware (HW) vendor for further information.

(C) For Realtek 11ax solution, It needs to set specific parameters which depends on the Region, Customers need to refer the document "Command Flow of RTK 11ax solution for Regulatory Certification" for detail before sending the Product to homologation testing (eg. FCC, CE testing).

Please contact the hardware (HW) vendor for further information if needed.