(A) For all WIFI certification:

There are two methods to make driver into WIFI certification testing mode. You can use one of them. The WIFI certification testing mode is only for WIFI certification.

(1) Method 1: To add the "rtw_wifi_spec=1" parameter behind the "insmod" command when the product tries to insert driver module.

Example:

$> insmod 8192cu.ko rtw_wifi_spec=1
or
$> insmod 8192du.ko rtw_wifi_spec=1

(2) Method 2: Please modify the "CONFIG_WIFI_TEST" in the Makefile to y before compiling the driver.

Example:

CONFIG_WIFI_TEST = y

(B) For PMF (802.11w) certification:

Please modify the "CONFIG_80211W" in the Makefile to y before compiling the driver.

Example:

CONFIG_80211W = y

Please uncomment the "CONFIG_IEEE80211W=y" in the ".config" file before compiling "wpa_supplicant".

Example:

To change the setting from "#CONFIG_IEEE80211W=y" to "CONFIG_IEEE80211W=y"

(C) For TDLS certification:

Please modify the "CONFIG_TDLS" in the Makefile to y before compiling the driver.

Example:

CONFIG_TDLS = y

Please uncomment the "CONFIG_ TDLS =y" in the ".config" file before compiling "wpa_supplicant".

Example:

To change the setting from "#CONFIG_TDLS=y" to "CONFIG_TDLS=y"

(D) For P2P certification:

Please uncomment the "CONFIG_P2P=y" in the ".config" file before compiling "wpa_supplicant".

Example:

To change the setting from "#CONFIG_P2P=y" to "CONFIG_P2P=y"

(E) For Miracast/WFD certification:

(1) Please uncomment the "CONFIG_P2P=y" and "CONFIG_WIFI_DISPLAY=y" in the ".config" file before compiling "wpa_supplicant".

Example:

To change the setting from "#CONFIG_P2P=y" to "CONFIG_P2P=y" and "#CONFIG_WIFI_DISPLAY=y" to "CONFIG_WIFI_DISPLAY=y"

(2) Customer must implement RTSP Operation and Message API for Wi-Fi Test Suite (Sigma tool). More detail about the Wi-Fi Test Suite (Sigma tool), please contact with Realtek FAE.