

### **(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.