

# SmartConfig Tests

Date: 21.10.2014

Simplelink Version: 1.0.0

ServicePack Version: 1.0.0.1.1

Quick results:

Test TI 1.1	Failed
Test TI 1.2	Ok
Test TI 2.1	Failed
Test TI 3	Ok
Test TI 4	Ok
Test TI 5.1	Failed
Test TI 6	Ok
Test TI 7	Ok
Test TI 8.1	Failed
Test TI 8.2	Failed
Test TI 8.3	Failed
Test TI 9.1	Failed
Test TI 9.2	Failed
Test TI 9.3	Failed

## Test TI 1.1

Module	TI Booster Pack (XCC3100HZ)
Existing WiFi Profiles	0
AP to connect	Zyxel P-320W
SSID	iFunk
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	No
SL_WLAN_CONNECT_EVENT	No
SL_NETAPP_IPV4_IPACQUIRED_EVENT	No

-> No Smart Config Data received

**Failed**

## Test TI 1.2

-> Retry Test 1.1

Module	TI Booster Pack (XCC3100HZ)
Existing WiFi Profiles	0
AP to connect	Zyxel P-320W
SSID	iFunk
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	Yes
SL_WLAN_CONNECT_EVENT	Yes
SL_NETAPP_IPV4_IPACQUIRED_EVENT	Yes

Ok

## Test TI 2.1

Module	TI Booster Pack (XCC3100HZ)
Existing WiFi Profiles	1
AP to connect	Netopia 7357-84
SSID	iFunk
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	Yes
SL_WLAN_CONNECT_EVENT	No
SL_NETAPP_IPV4_IPACQUIRED_EVENT	No

SmartConfig Data received, could not connect to AP.

The problem could be that the SmartConfig App is flooding the WiFi with a lot of packets (more than 10000/s) this only happens with this AP.

The only solution that the device connects to this AP is to reboot the AP.

**Failed**

### Test TI 3

Module	TI Booster Pack (XCC3100HZ)
Existing WiFi Profiles	2
AP to connect	Dlink Dir-300
SSID	Test2
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	Yes
SL_WLAN_CONNECT_EVENT	Yes
SL_NETAPP_IPV4_IPACQUIRED_EVENT	Yes

Ok

## Test TI 4

Module	TI Booster Pack (XCC3100HZ)
Existing WiFi Profiles	3
AP to connect	Dlink DI-524
SSID	dlink
Security Type	No
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	Yes
SL_WLAN_CONNECT_EVENT	Yes
SL_NETAPP_IPV4_IPACQUIRED_EVENT	Yes

Ok

## Test TI 5.1

Module	TI Booster Pack (XCC3100HZ)
Existing WiFi Profiles	4
AP to connect	Dlink DI-524
SSID	Test3
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	Yes
SL_WLAN_CONNECT_EVENT	No
SL_NETAPP_IPV4_IPACQUIRED_EVENT	No

SmartConfig Data received, could not connect to AP.

-> Works after restart (hibernate) the CC3100

**Failed**

## Test Tl 6

Module	Own HW: Module 2 (CC3100R1)
Existing WiFi Profiles	0
AP to connect	Zyxel P-320W
SSID	Test1
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	Yes
SL_WLAN_CONNECT_EVENT	Yes
SL_NETAPP_IPV4_IPACQUIRED_EVENT	Yes

Ok



## Test TI 7

Module	Own HW: Module 2 (CC3100R1)
Existing WiFi Profiles	1
AP to connect	Netopia 7357-84
SSID	iFunk
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	Yes
SL_WLAN_CONNECT_EVENT	Yes
SL_NETAPP_IPV4_IPACQUIRED_EVENT	Yes

Ok

## Test TI 8.1

Module	Own HW: Module 2 (CC3100R1)
Existing WiFi Profiles	2
AP to connect	Dlink Dir-300
SSID	Test2
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	No
SL_WLAN_CONNECT_EVENT	No
SL_NETAPP_IPV4_IPACQUIRED_EVENT	No

-> No SmartConfig Data received

**Failed**

## Test TI 8.2

-> Reboot Module and retry

Module	Own HW: Module 2 (CC3100R1)
Existing WiFi Profiles	2
AP to connect	Dlink Dir-300
SSID	Test2
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	No
SL_WLAN_CONNECT_EVENT	No
SL_NETAPP_IPV4_IPACQUIRED_EVENT	No

-> No SmartConfig Data received

**Failed**

### Test TI 8.3

-> Reboot Module and retry

Module	Own HW: Module 2 (CC3100R1)
Existing WiFi Profiles	2
AP to connect	Dlink Dir-300
SSID	Test2
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	Yes
SL_WLAN_CONNECT_EVENT	No
SL_NETAPP_IPV4_IPACQUIRED_EVENT	No

-> SmartConfig Data received, was unable to connect to the AP.

**Failed**

## Test TI 9.1

Module	Own HW: Module 2 (CC3100R1)
Existing WiFi Profiles	3
AP to connect	Dlink DI-524
SSID	Test3
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	No
SL_WLAN_CONNECT_EVENT	No
SL_NETAPP_IPV4_IPACQUIRED_EVENT	No

-> No SmartConfig Data received

**Failed**

## Test TI 9.2

-> Restart module and retry

Module	Own HW: Module 2 (CC3100R1)
Existing WiFi Profiles	3
AP to connect	Dlink DI-524
SSID	Test3
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	No
SL_WLAN_CONNECT_EVENT	No
SL_NETAPP_IPV4_IPACQUIRED_EVENT	No

-> No SmartConfig Data received

**Failed**

### Test TI 9.3

-> Restart module and Android App and retry

Module	Own HW: Module 2 (CC3100R1)
Existing WiFi Profiles	3
AP to connect	Dlink DI-524
SSID	Test3
Security Type	WPA2
APP	WiFi Starter Android

Results:

SL_WLAN_SMART_CONFIG_COMPLETE_EVENT	Yes
SL_WLAN_CONNECT_EVENT	No
SL_NETAPP_IPV4_IPACQUIRED_EVENT	No

-> SmartConfig Data received unable to connect to AP. Was able to connect after a few minutes.

**Failed**