

FIGARO(TGS8100) + GS2011M

FAE: Joe, Eric



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2. Limited AP Mode – Local Demo (Default)

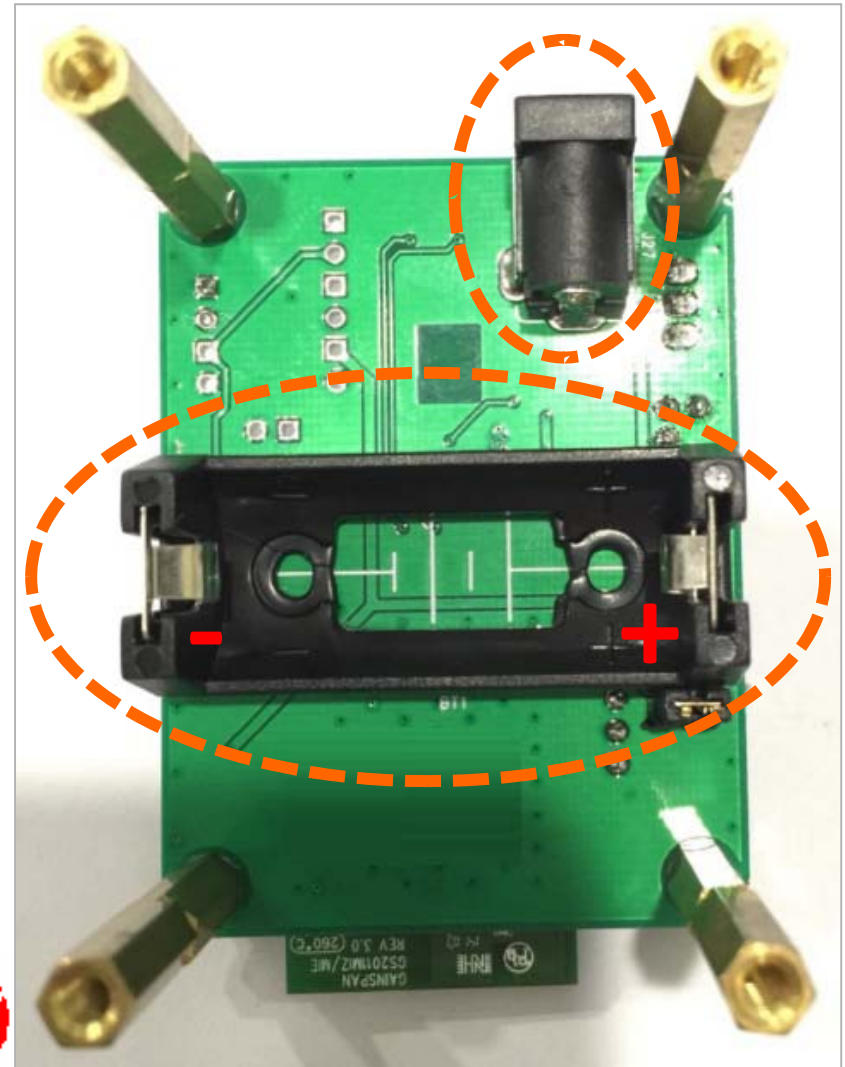
3. Station Mode – Cloud Demo



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Power selection

One of power source for adapter(3.3 ~ 5.5v, 700mA) or battery can be selected.
Do not both used same time!



Limited AP Mode – Local Demo (Default)

- System Architecture
- Wi-Fi Config & Setting
- Android Mobile APP – Figaro Sensor



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System Architecture

FIGARO + GS2011M



TGS8100

Temperature
sensor



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Wi-Fi Config & Setting

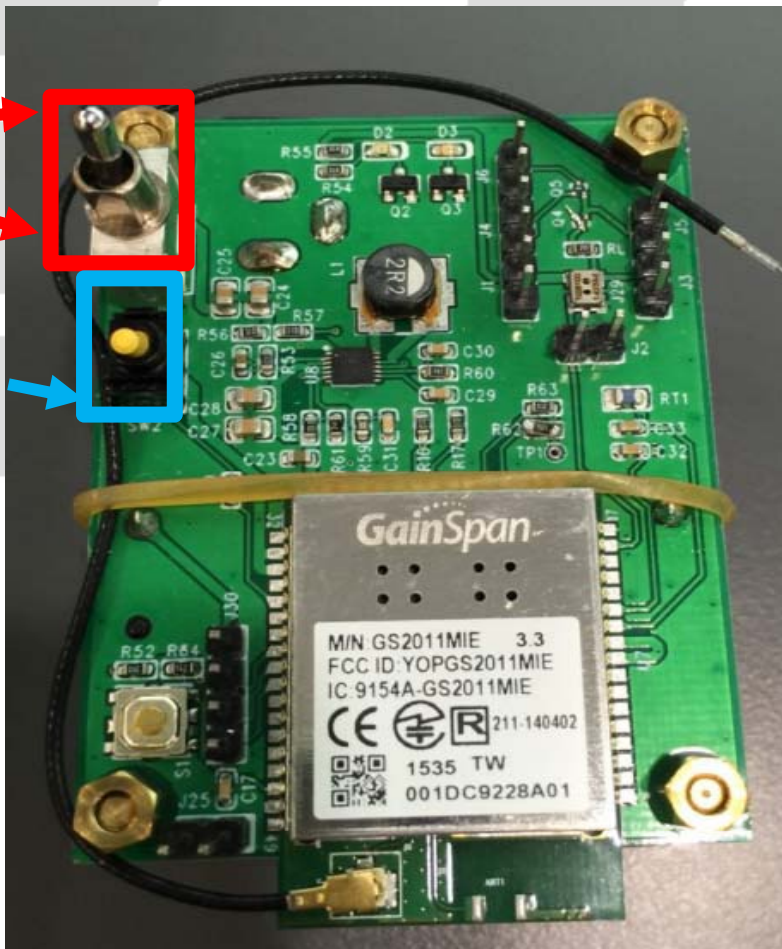
Power on, then connect to Figaro device. SSID: Figaro-xxxxxx

Power

Off

On

Run mode



Mobile Device

< Wi-Fi

開啟

Figaro-168ab5
已連線



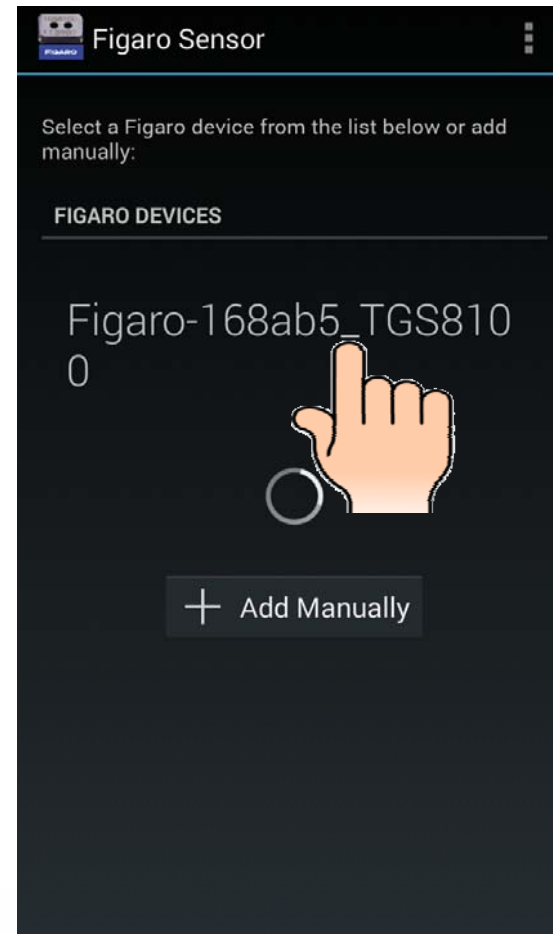
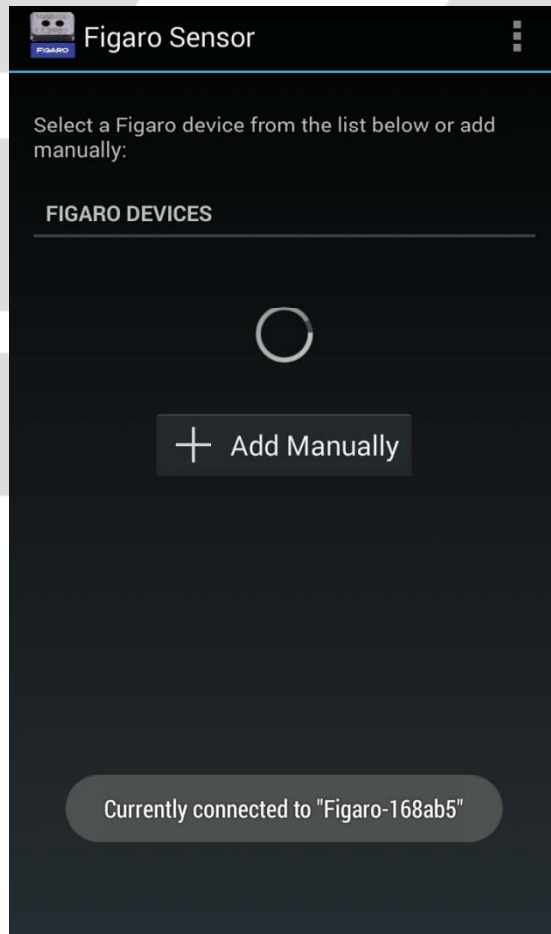
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Android Mobile APP – Figaro Sensor



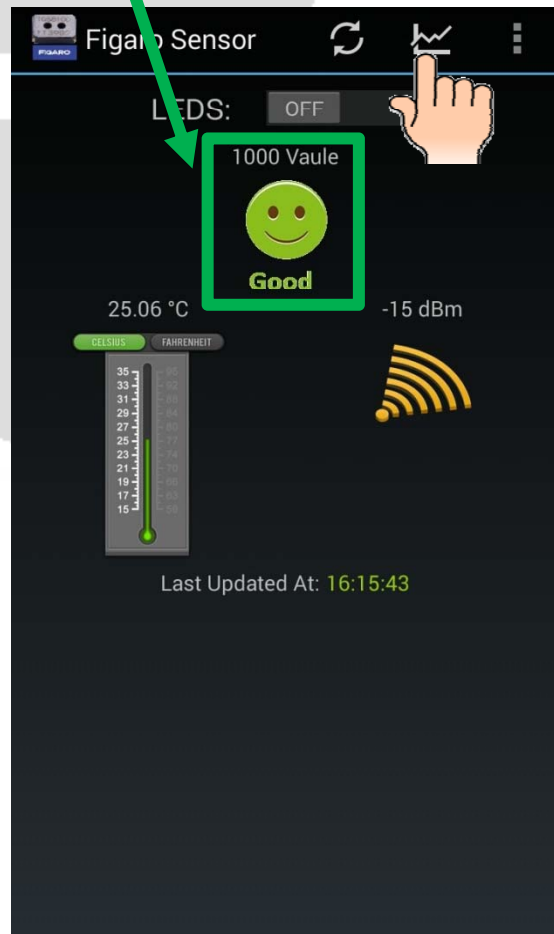
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Search & Select Figaro Device

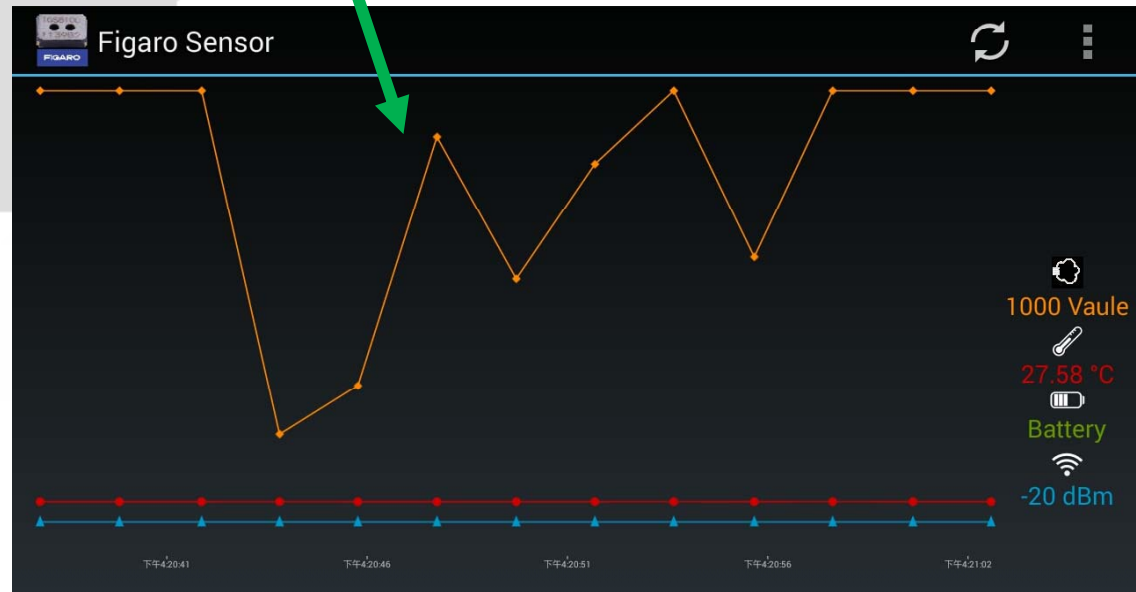


Figaro Sensor Data

Figaro Sensor



Figaro Sensor



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Figaro Sensor Range

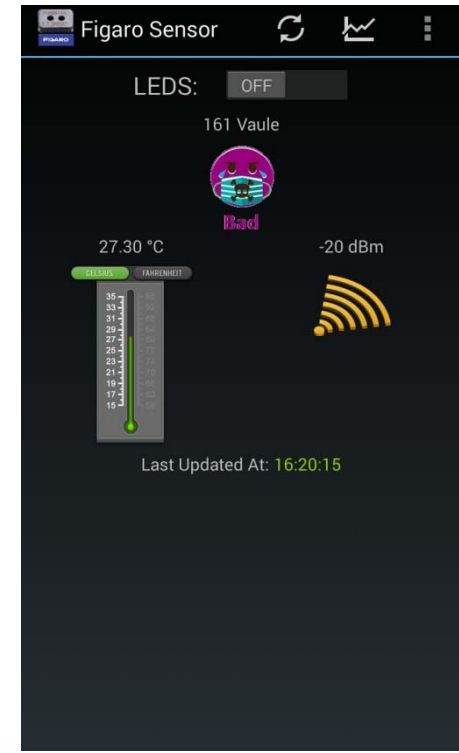
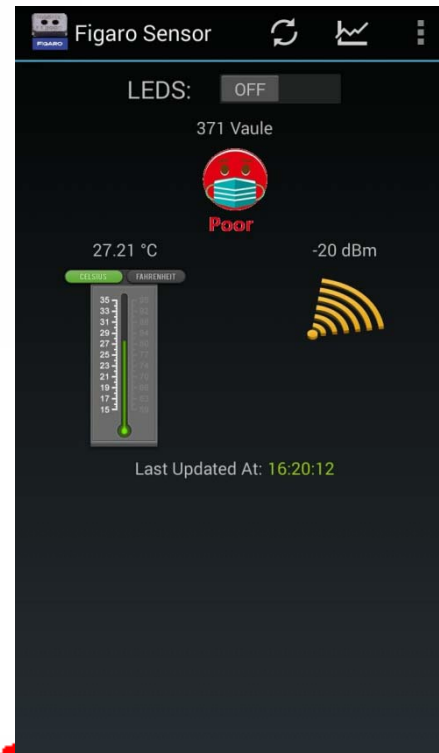
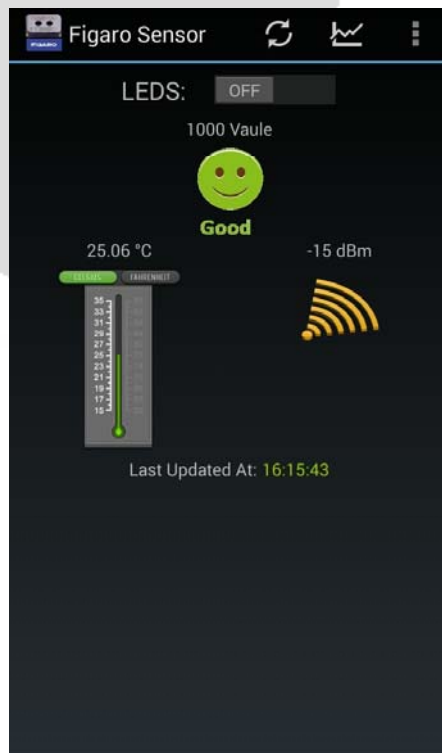
Figaro Sensor Range: 0~1000

Good: 800~1000

General: 400~799

Poor: 200~399

Bad: 0~199



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Station Mode – Cloud Demo

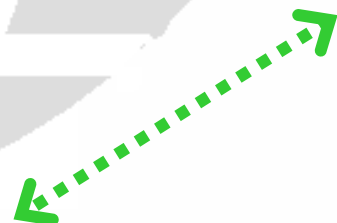
- System Architecture
- Wi-Fi Config & Setting
- Android Mobile APP – Figaro Sensor
- Webpage – Exosite Cloud



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System Architecture

FIGARO + GS2011M

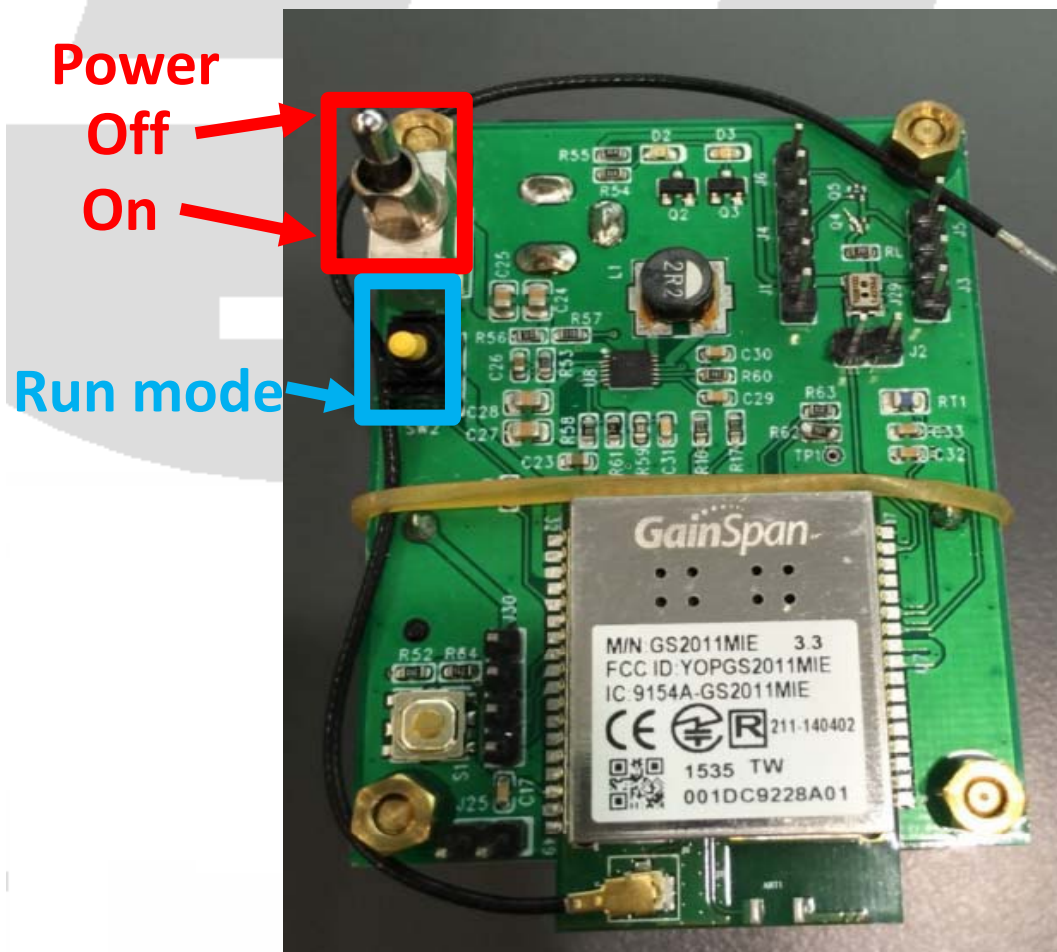


3G/4G



Wi-Fi Config & Setting

Power on, then connect to Figaro device. SSID: Figaro-xxxxxx

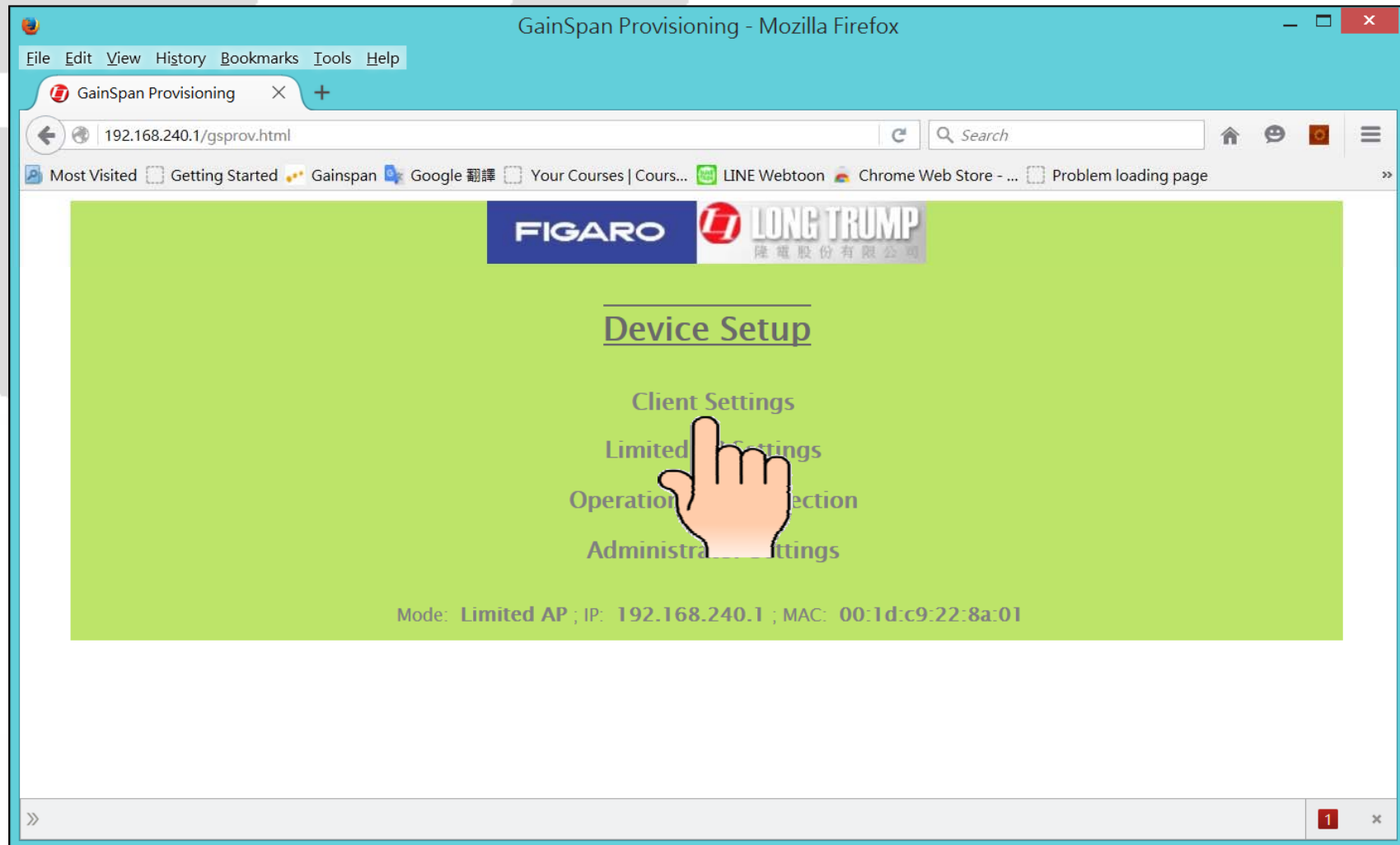


PC



Client to AP Router

Website: 192.168.240.1/gsprov.html



Select an Existing Network

GainSpan Provisioning - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GainSpan Provisioning

192.168.240.1/gsprov.html

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Client Settings

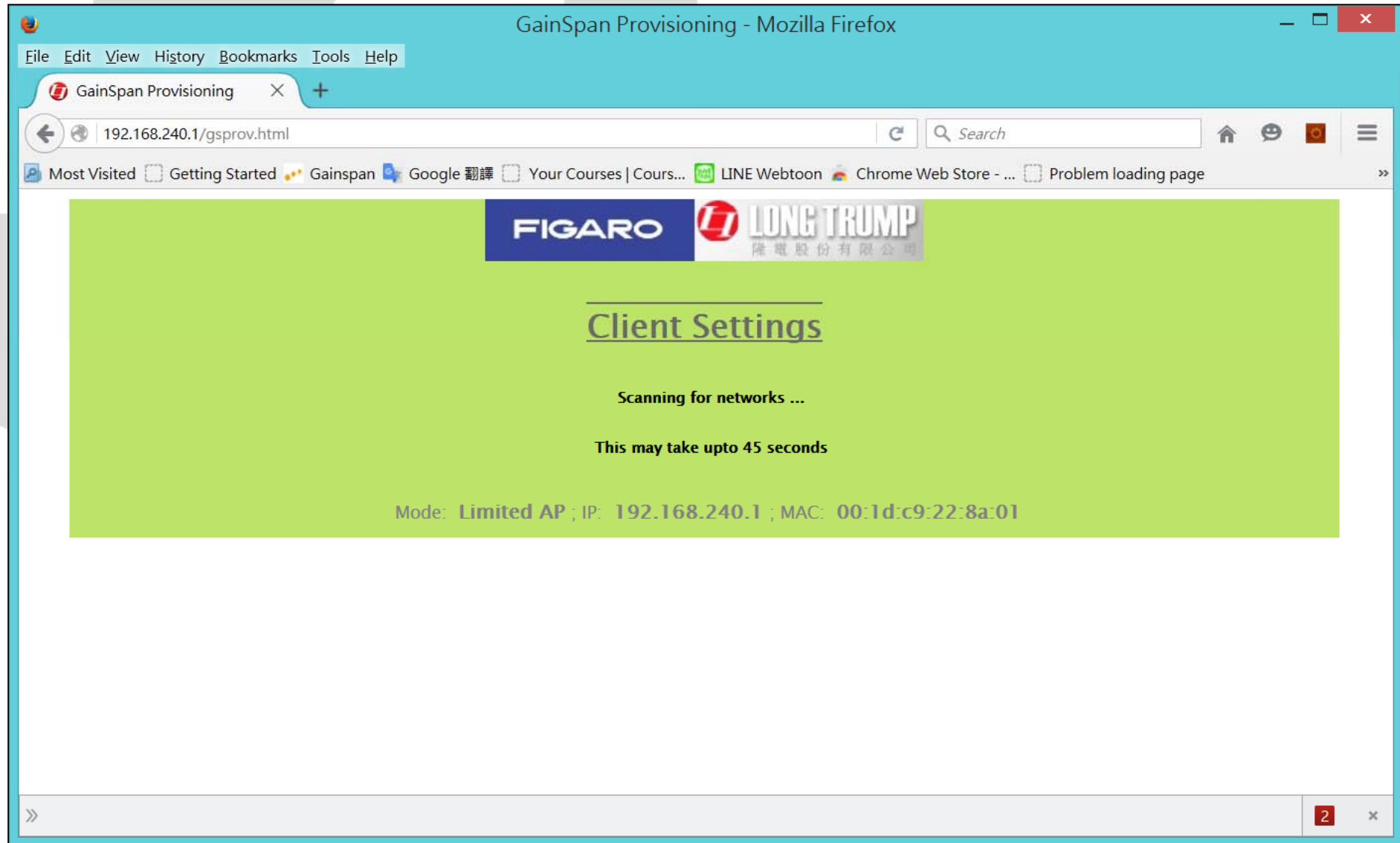
Please select one of the following methods to connect your device to the wireless network.

- WPS Push Button
- WPS PIN
- **Select an Existing Network**
- Manual Configuration to Join a Network

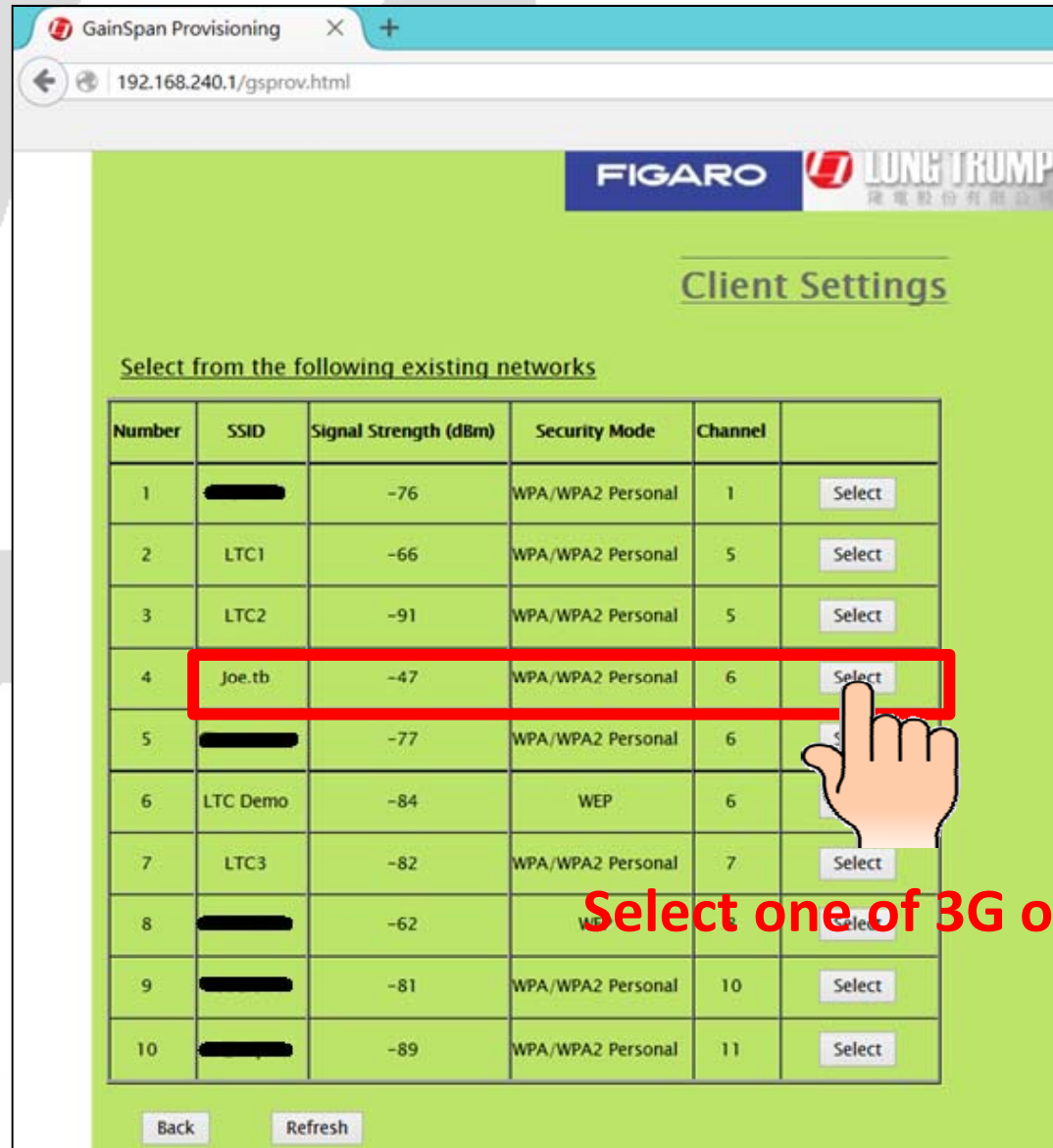
Back

Mode: Limited AP ; IP: 192.168.240.1 ; MAC: 00:1d:c9:22:8a:01

Scanning for networks



Client to your hotspot or AP Router



The screenshot shows the GainSpan Provisioning web interface. The browser address bar displays "192.168.240.1/gsprov.html". The page title is "Client Settings". Below the title, there is a section titled "Select from the following existing networks". A table lists 10 networks with columns for Number, SSID, Signal Strength (dBm), Security Mode, and Channel. Each row has a "Select" button. The row with SSID "Joe.tb" and Signal Strength "-47" is highlighted with a red box, and a hand icon is pointing to its "Select" button.

Number	SSID	Signal Strength (dBm)	Security Mode	Channel	
1	████████	-76	WPA/WPA2 Personal	1	Select
2	LTC1	-66	WPA/WPA2 Personal	5	Select
3	LTC2	-91	WPA/WPA2 Personal	5	Select
4	Joe.tb	-47	WPA/WPA2 Personal	6	Select
5	████████	-77	WPA/WPA2 Personal	6	Select
6	LTC Demo	-84	WEP	6	Select
7	LTC3	-82	WPA/WPA2 Personal	7	Select
8	████████	-62	WPA/WPA2 Personal	6	Select
9	████████	-81	WPA/WPA2 Personal	10	Select
10	████████	-89	WPA/WPA2 Personal	11	Select

Back Refresh

Select one of 3G or 4G hotspot



Configure Wireless and Network Setting

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GainSpan Provisioning

192.168.240.1/gsprov.html

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Client Settings

Configure Wireless and Network Settings

These settings govern the functioning of the device when it is operating in Client mode.

SSID: Joe.tb

Channel: 6

Security: WPA/WPA2 Personal

Passphrase:

Confirm Passphrase:

Advanced Options

Back Next

2

Wireless Configuration Summary

GainSpan Provisioning - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GainSpan Provisioning

192.168.240.1/gsprov.html

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Client Settings

Wireless Configuration Summary

SSID: **Joe.tb**

Channel: **6**

Security: **WPA/WPA2 Personal**

Back Save

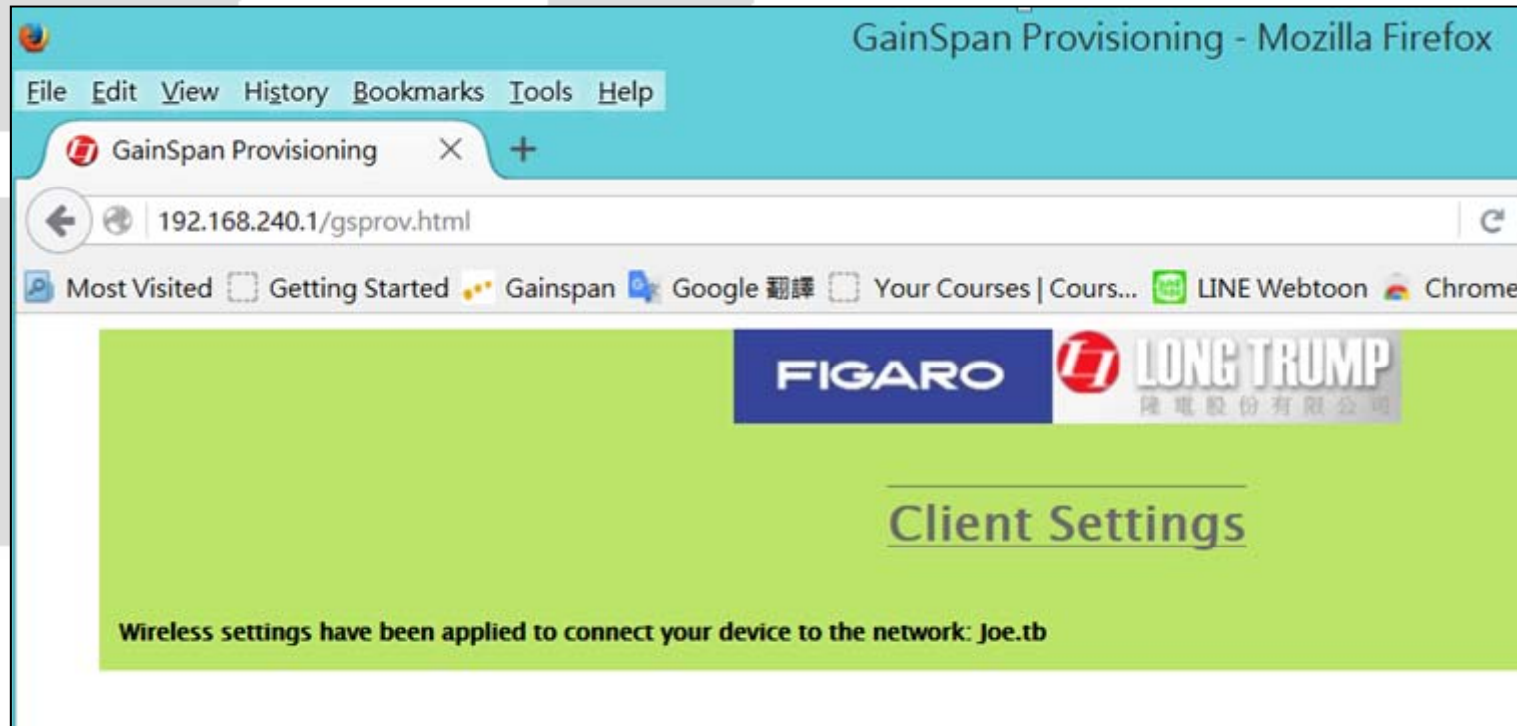
Mode: Limited AP ; IP: 192.168.240.1 ; MAC: 00:1d:c9:22:8a:01

Wireless Settings



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Connect success



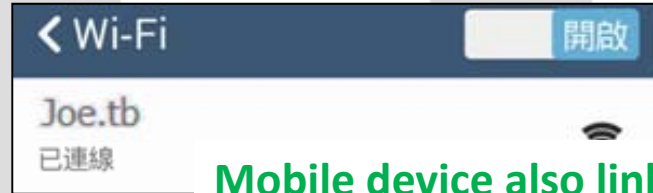
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Android Mobile APP – Figaro Sensor

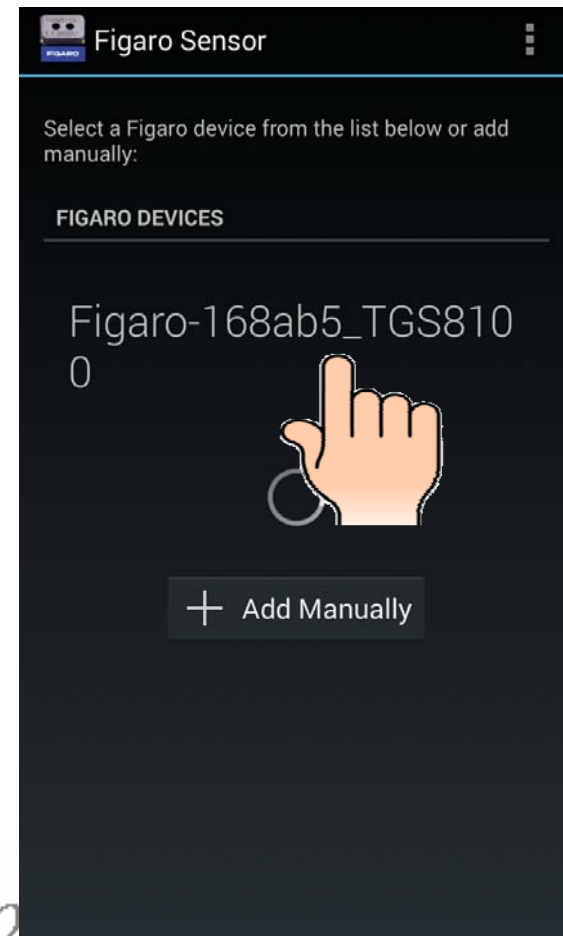
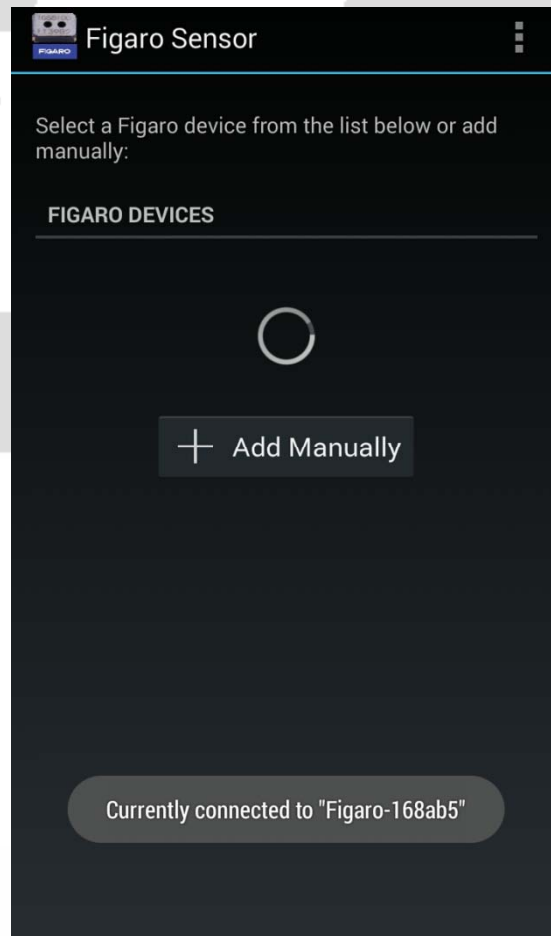


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Search & Select Figaro Device

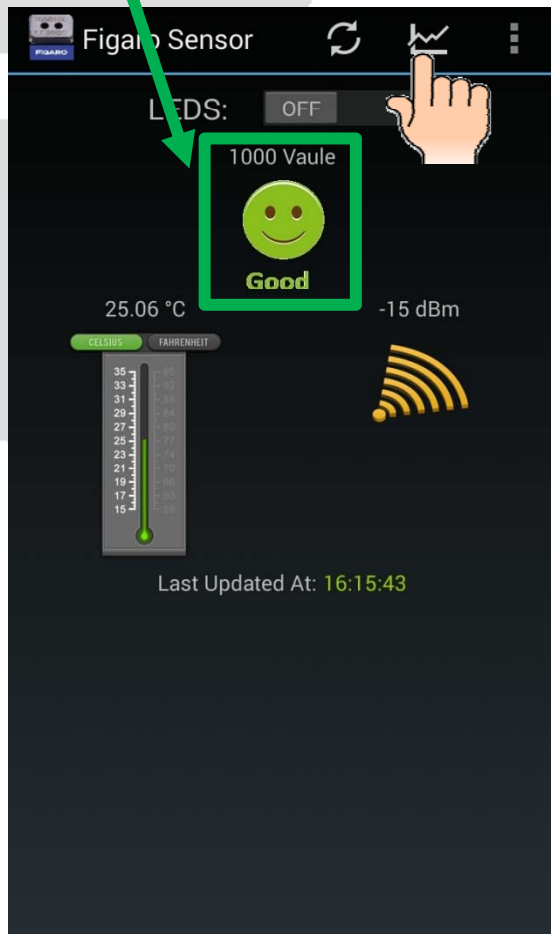


Mobile device also link to same hotspot.

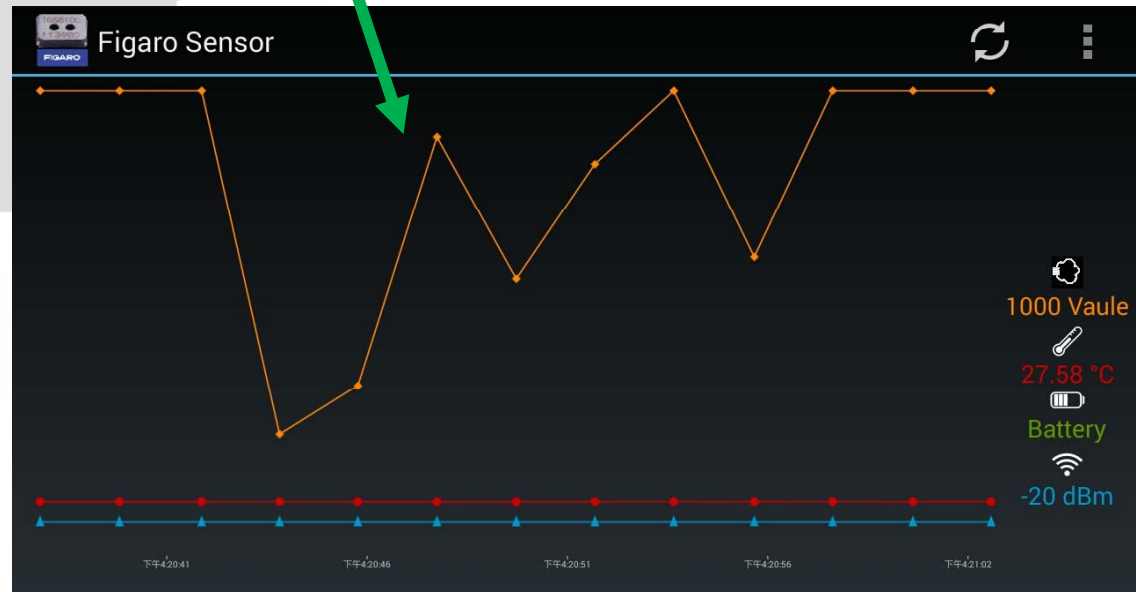


Figaro Sensor Data

Figaro sensor



Figaro sensor



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Figaro Sensor Range

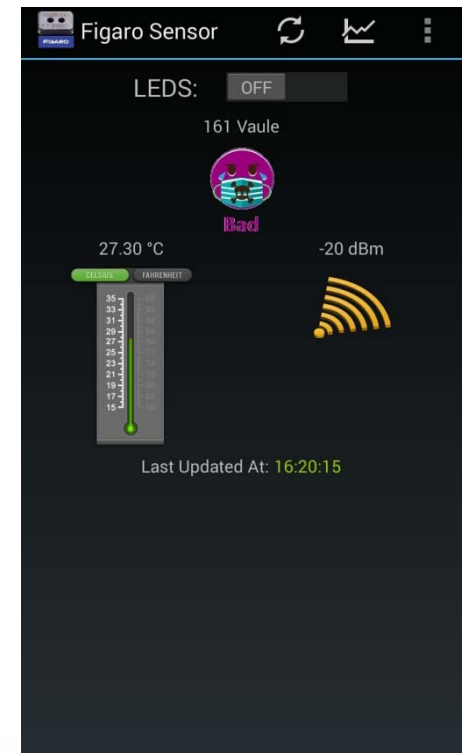
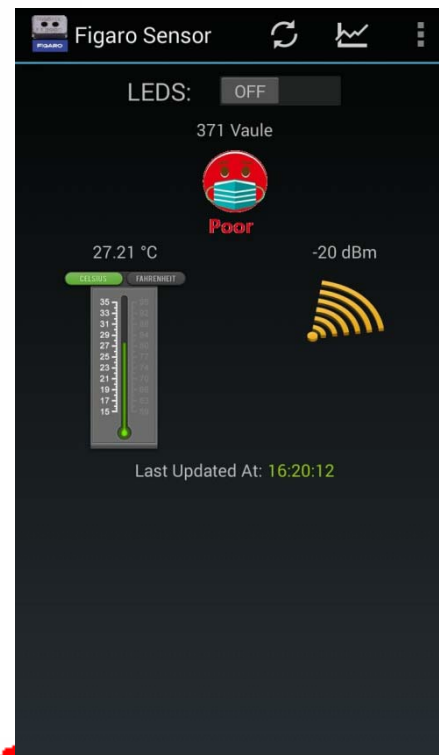
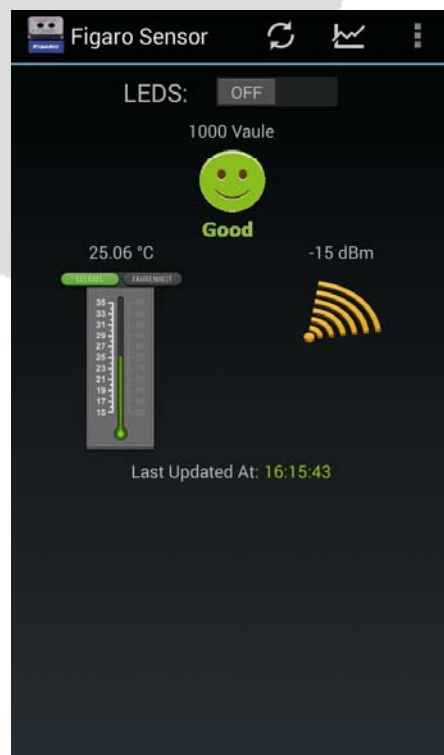
Figaro Sensor Range: 0~1000

Good: 800~1000

General: 400~799

Poor: 200~399

Bad: 0~199



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Webpage – Exosite Cloud



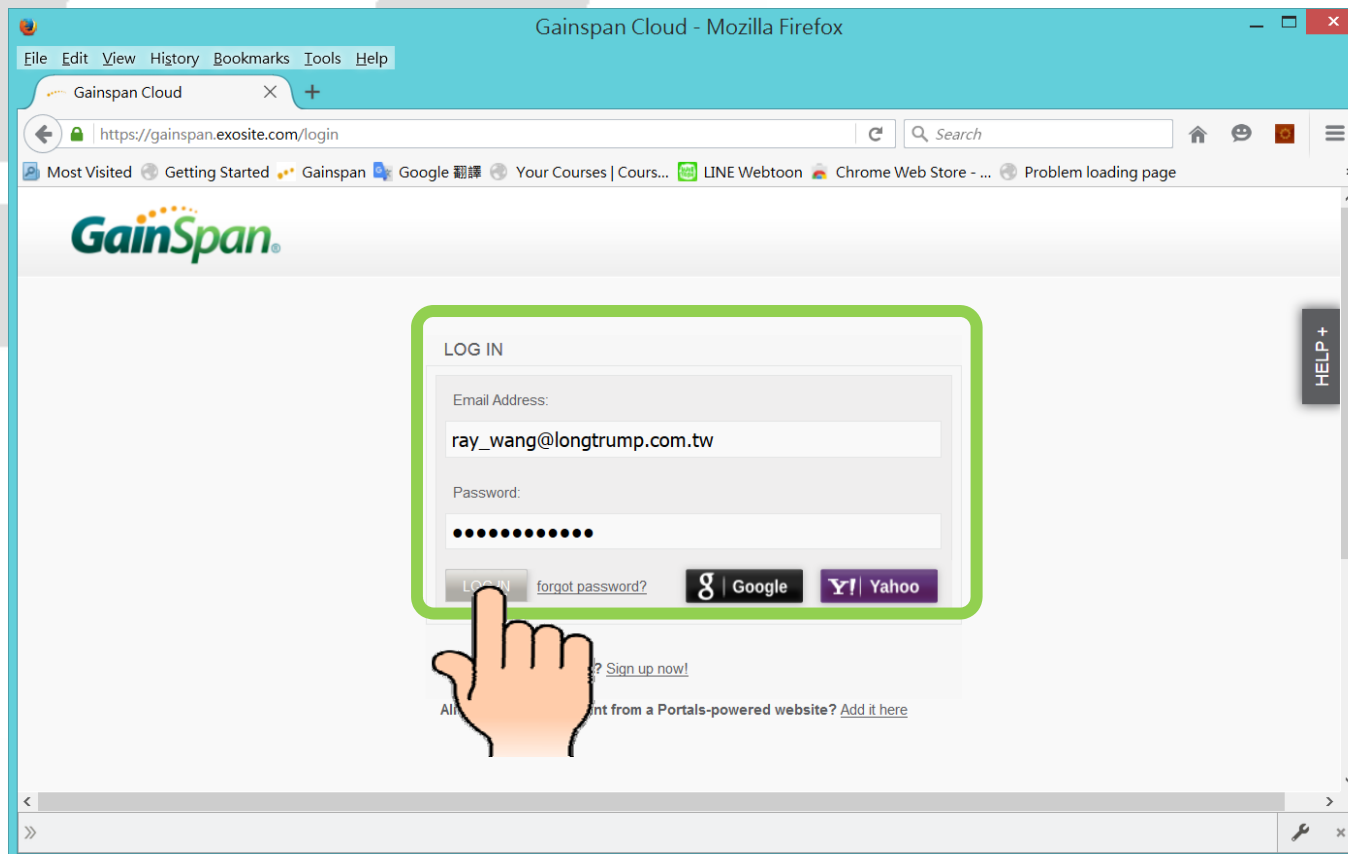
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GainSpan Demo Webpage

Website: <https://gainspan.exosite.com/login>

User name: ray_wang@longtrump.com.tw

Password: [Rousseau9468](#)



GainSpan Demo Webpage – Dashboards

Gainspan Cloud - Mozilla Firefox

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Gainspan Cloud

https://gainspan.exosite.com/manage/home

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GainSpan Ray Wang PORTAL

MANAGE

- Home
- Data
- Devices
- Events
- Dashboards**
- Set

Portal Setup - 75% Complete

Welcome Ray Wang!

Finish configuring your portal:

- > Step 1: Complete! (Device Setup)
- > Step 2: Complete! (Data Source Setup)
- > Step 3: Complete! (Event Rule Setup)
- > Step 4 of 4: [Add an Alert](#)

Portal Alerts (Last 7 days)

Event	Date/Time
-------	-----------

Active Data Sources (Last 7 days)

Name	Value	Unit	Last Reported Time
Battery	0	Volts	2016-02-17 11:44:11 Asia/Ta
Temperature in Centigrade	27.437722561416	centigrade	2016-02-17 11:44:11 Asia/Ta
Temperature in Fahrenheit	81.387900610549	fahrenheit	2016-02-17 11:44:11 Asia/Ta
chip	gs2000		2016-02-17 11:44:11 Asia/Ta
Temperature	1939		2016-02-17 11:44:11 Asia/Ta

Search Demo Device

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https://gainspan.exosite.com/manage/dashboards

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MANAGE
Home
Data
Devices
Events
Dashboards
Settings
Script

Bulk Actions: Apply

Your Dashboards [Restore Default Dashboard](#) [+ Add Dashboard](#)

Select	Thumbnail	Name	Public	Description	URL
<input type="checkbox"/>		Figaro_GS2K-228a01	No	Figaro Sensor	https://gainspan.exosite.com/views/1996528771/2072194629
<input type="checkbox"/>		Figaro_GS2K-237302	No	Figaro Sensor	https://gainspan.exosite.com/views/1996528771/4088319178

Portal Dashboards

Thumbnail	Name	Type	URL
	Gainspan TLS Dash	TLS ADK	https://gainspan.exosite.com/views/1996528771/3354657801

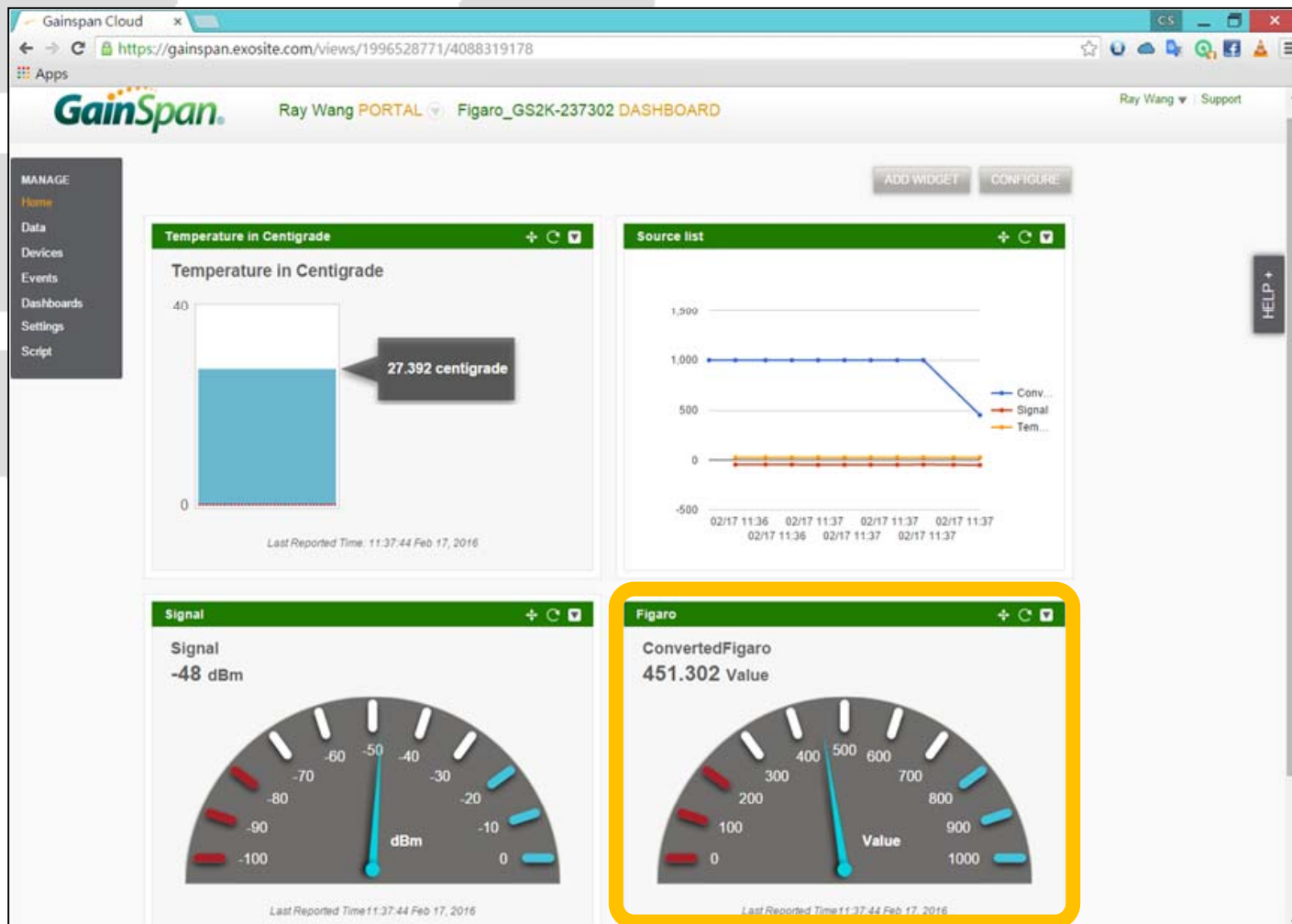
Device 1

Device 2

HELP +

GainSpan Demo Webpage – Dashboards

Data Update Cycle: 10 sec



poration

**If have any question ,please tell
Longtrump FAE Team. Thank you!!**



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