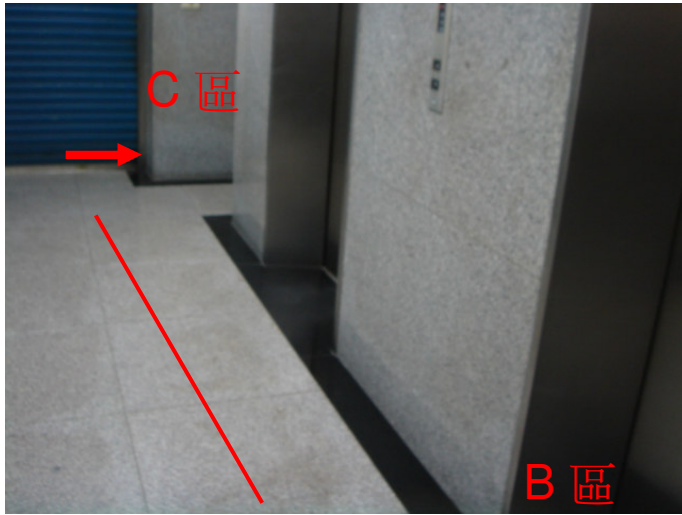


# WBR-6800 與 3G Booster實測環境 (大樓 電梯間)



A 區到B區的距離約 6m  
B區到C區的距離約 5m

# WBR-6800's performance (w/o 3G Booster)

The screenshot displays the LevelOne WBR-6800 web management interface in Internet Explorer. The browser address bar shows `http://192.168.0.1/`. The page title is "LevelOne WBR-6800". The interface includes a "USER'S MAIN MENU" and a "Status" section. A "System Password" field is visible with the text "(default: password)" and a "Login" button.

The "System Status" section contains a table with the following data:

Item	WAN Status	Sidenote
IP Address	111.83.115.171	3G
Subnet Mask	255.255.255.255	
Gateway	10.64.64.64	
Domain Name Server	168.95.1.1, 168.95.192.1	
Connection Time	00:08:00	

The "Wireless Modem Information" section contains a table with the following data:

Item	Status	Sidenote
Card Info	E161	Supported Cards List
Link Status	Connected	
Signal Strength	9%	
Bytes Transmitted	108332	
Bytes Received	1690455	

The "Signal Strength" row in the "Wireless Modem Information" table is highlighted with a red box.

Overlaid on the right side of the screenshot is a Windows command prompt window titled "C:\WINDOWS\system32\cmd.exe - ping 8.8.8.8 -t". It displays the output of a continuous ping test to 8.8.8.8. The output shows several successful replies with varying times and TTL values, and one "Request timed out." message. A red box highlights the following lines of output:

```
Reply from 8.8.8.8: bytes=32 time=229ms TTL=51
Reply from 8.8.8.8: bytes=32 time=228ms TTL=51
Reply from 8.8.8.8: bytes=32 time=228ms TTL=54
Reply from 8.8.8.8: bytes=32 time=228ms TTL=54
Reply from 8.8.8.8: bytes=32 time=269ms TTL=51
Reply from 8.8.8.8: bytes=32 time=249ms TTL=51
Request timed out.
Reply from 8.8.8.8: bytes=32 time=245ms TTL=54
Reply from 8.8.8.8: bytes=32 time=275ms TTL=51
Reply from 8.8.8.8: bytes=32 time=305ms TTL=51
Reply from 8.8.8.8: bytes=32 time=275ms TTL=54
Reply from 8.8.8.8: bytes=32 time=265ms TTL=54
Reply from 8.8.8.8: bytes=32 time=260ms TTL=54
Reply from 8.8.8.8: bytes=32 time=260ms TTL=54
Reply from 8.8.8.8: bytes=32 time=259ms TTL=51
Reply from 8.8.8.8: bytes=32 time=249ms TTL=51
Reply from 8.8.8.8: bytes=32 time=284ms TTL=54
Reply from 8.8.8.8: bytes=32 time=282ms TTL=54
Reply from 8.8.8.8: bytes=32 time=272ms TTL=51
Reply from 8.8.8.8: bytes=32 time=272ms TTL=51
```



LevelOne WBR-6800 - Windows Internet Explorer

http://192.168.0.1/

LevelOne WBR-6800

USER's MAIN MENU Status

System Password:  (default: password) Login

System Status [ Help ]

Item	WAN Status	Sidenote
IP Address	111.83.115.171	3G
Subnet Mask	255.255.255.255	
Gateway	10.64.64.64	
Domain Name Server	168.95.1.1, 168.95.192.1	
Connection Time	00:15:35	

Wireless Modem Information [ Help ]

Item	Status	Sidenote
Card Info	E161	Supported Cards List
Link Status	Connected	
Signal Strength	9%	
Bytes Transmitted	129832	
Bytes Received	1711932	

完成 網際網路

```
C:\WINDOWS\system32\cmd.exe
Reply from 8.8.8.8: bytes=32 time=142ms TTL=51
Reply from 8.8.8.8: bytes=32 time=142ms TTL=51
Reply from 8.8.8.8: bytes=32 time=132ms TTL=54
Reply from 8.8.8.8: bytes=32 time=532ms TTL=54
Reply from 8.8.8.8: bytes=32 time=132ms TTL=51
Reply from 8.8.8.8: bytes=32 time=132ms TTL=51
Reply from 8.8.8.8: bytes=32 time=132ms TTL=54
Reply from 8.8.8.8: bytes=32 time=122ms TTL=54
Reply from 8.8.8.8: bytes=32 time=132ms TTL=54
Reply from 8.8.8.8: bytes=32 time=132ms TTL=54
Reply from 8.8.8.8: bytes=32 time=132ms TTL=51
Reply from 8.8.8.8: bytes=32 time=142ms TTL=51
Reply from 8.8.8.8: bytes=32 time=132ms TTL=54
Reply from 8.8.8.8: bytes=32 time=143ms TTL=54
Reply from 8.8.8.8: bytes=32 time=142ms TTL=51
Reply from 8.8.8.8: bytes=32 time=132ms TTL=51
Reply from 8.8.8.8: bytes=32 time=142ms TTL=54
Reply from 8.8.8.8: bytes=32 time=132ms TTL=54
Reply from 8.8.8.8: bytes=32 time=132ms TTL=51
Reply from 8.8.8.8: bytes=32 time=132ms TTL=51
```



WBR-6800 實測結果如下

**WBR-6800 w/o 3G Booster**

- a. Signal strength :9%
- b. Ping (time to life): around 260ms

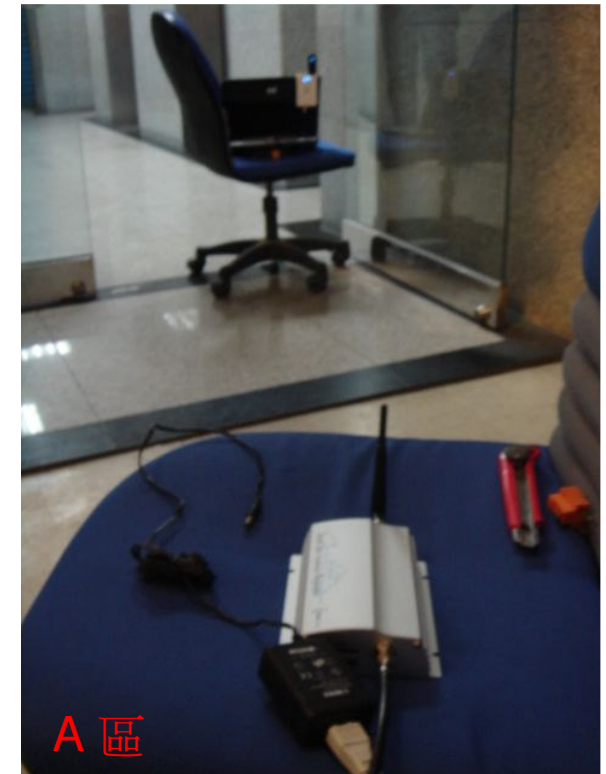
**WBR-6800 with 3G Booster**

- a. Signal strength :9%
- b. Ping (time to life): around 132ms

\*\*WBR-6800 有沒有用3G Booster 差異性不大

## WBR-6801 與 3G Booster實測環境 (大樓 電梯間)

C 區的WBR-6801 到A區3G Booster的距離約 11m  
B 區的WBR-6801 到A區3G Booster的距離約 6m  
A 區的WBR-6801 到3G Booster的距離約 2m



# WBR-6801's C 區 performance (without 3G Booster)

The image displays the LevelOne WBR-6801 web management interface in Internet Explorer, showing system and wireless modem information. A red box highlights the 'Signal Strength' as 25%. To the right, a Windows command prompt window shows the results of a continuous ping to 8.8.8.8, with a red box highlighting the last successful ping: 'Reply from 8.8.8.8: bytes=32 time=294ms TTL=51'.

System Status [HELP]		
Item	Status	Sidenote
IP Address	111.82.32.99	
Subnet Mask	255.255.255.255	
Gateway	10.64.64.64	
Domain Name Server	168.95.1.1, 168.95.192.1	
Connection Time	00:03:13	

Wireless Modem Information		
Item	Status	Sidenote
Card Info	E161	Supported Cards List
Link Status	Connected.	
Signal Strength	25%	
Network Name	Chunghwa	

Wireless Status		
Item	WLAN Status	Sidenote

```
C:\WINDOWS\system32\cmd.exe - ping 8.8.8.8 -t
Reply from 8.8.8.8: bytes=32 time=328ms TTL=54
Reply from 8.8.8.8: bytes=32 time=302ms TTL=51
Reply from 8.8.8.8: bytes=32 time=302ms TTL=51
Request timed out.
Reply from 8.8.8.8: bytes=32 time=300ms TTL=54
Reply from 8.8.8.8: bytes=32 time=280ms TTL=54
Reply from 8.8.8.8: bytes=32 time=284ms TTL=54
Reply from 8.8.8.8: bytes=32 time=314ms TTL=51
Reply from 8.8.8.8: bytes=32 time=294ms TTL=51
Reply from 8.8.8.8: bytes=32 time=264ms TTL=54
Request timed out.
Reply from 8.8.8.8: bytes=32 time=279ms TTL=51
Reply from 8.8.8.8: bytes=32 time=294ms TTL=51
Reply from 8.8.8.8: bytes=32 time=314ms TTL=54
Reply from 8.8.8.8: bytes=32 time=304ms TTL=54
Reply from 8.8.8.8: bytes=32 time=284ms TTL=51
Reply from 8.8.8.8: bytes=32 time=294ms TTL=51
Reply from 8.8.8.8: bytes=32 time=554ms TTL=54
Reply from 8.8.8.8: bytes=32 time=354ms TTL=54
Reply from 8.8.8.8: bytes=32 time=294ms TTL=51
```



# WBR-6801's C區 performance ( with 3G Booster)

The screenshot shows the LevelOne WBR-6801 web interface in Internet Explorer. The browser address bar shows 'http://192.168.1.1/'. The page title is 'LevelOne WBR-6801'. The interface includes a navigation menu with 'ADMINISTRATOR'S MAIN MENU', 'Status', 'Wizard', 'Advanced', and 'Logout'. The main content area displays two tables: 'System Status' and 'Wireless Modem Information'. The 'Signal Strength' row in the 'Wireless Modem Information' table is highlighted with a red box, showing a value of 25%.

Item	Status	Sidenote
IP Address	111.82.32.99	
Subnet Mask	255.255.255.255	
Gateway	10.64.64.64	
Domain Name Server	168.95.1.1 , 168.95.192.1	
Connection Time	00:05:52	

Item	Status	Sidenote
Card Info	E161	Supported Cards List
Link Status	Connected.	
Signal Strength	25%	
Network Name	Chunghwa	

Item	WLAN Status	Sidenote
------	-------------	----------

The screenshot shows a Windows command prompt window with the command 'ping 8.8.8.8 -t'. The output displays a series of ping replies with the following fields: 'bytes=30', 'time', and 'TTL'. The 'time' values range from 257ms to 450ms. The 'TTL' values are consistently 51 or 54. The 'bytes=30' field is highlighted with a red box.

```
Reply from 8.8.8.8: bytes=30 time=275ms TTL=51
Request timed out.
Reply from 8.8.8.8: bytes=30 time=362ms TTL=54
Reply from 8.8.8.8: bytes=30 time=450ms TTL=54
Reply from 8.8.8.8: bytes=30 time=258ms TTL=54
Reply from 8.8.8.8: bytes=30 time=277ms TTL=54
Reply from 8.8.8.8: bytes=30 time=277ms TTL=51
Reply from 8.8.8.8: bytes=30 time=277ms TTL=51
Reply from 8.8.8.8: bytes=30 time=257ms TTL=54
Reply from 8.8.8.8: bytes=30 time=257ms TTL=54
Reply from 8.8.8.8: bytes=30 time=309ms TTL=51
Reply from 8.8.8.8: bytes=30 time=267ms TTL=51
Reply from 8.8.8.8: bytes=30 time=257ms TTL=54
Reply from 8.8.8.8: bytes=30 time=257ms TTL=54
Reply from 8.8.8.8: bytes=30 time=267ms TTL=51
Reply from 8.8.8.8: bytes=30 time=277ms TTL=51
Reply from 8.8.8.8: bytes=30 time=257ms TTL=54
Reply from 8.8.8.8: bytes=30 time=297ms TTL=54
Reply from 8.8.8.8: bytes=30 time=267ms TTL=51
Reply from 8.8.8.8: bytes=30 time=287ms TTL=51
```



WBR-6801 C區 實測結果如下

3G Booster到 C區WBR-6801的距離約 11m

### **WBR-6801 w/o 3G Booster**

- a. Signal strength :25%
- b. Ping (time to life): around 300ms

### **WBR-6800 with 3G Booster**

- a. Signal strength :25%
- b. Ping (time to life): around 270ms

\*\*WBR-6801在C區 有用沒有用3G Booster 差異性不大



# WBR-6801's B 區 performance (without 3G Booster)

The screenshot shows the LevelOne WBR-6801 web interface in Internet Explorer. The browser address bar shows 'http://192.168.1.1/'. The page title is 'LevelOne WBR-6801'. The interface includes a navigation menu with 'ADMINISTRATOR'S MAIN MENU', 'Status', 'Wizard', 'Advanced', and 'Logout'. The main content area displays two tables: 'System Status' and 'Wireless Modem Information'. The 'Signal Strength' row in the 'Wireless Modem Information' table is highlighted with a red box, showing a value of 45%.

Item	Status	Sidenote
IP Address	111.82.32.99	
Subnet Mask	255.255.255.255	
Gateway	10.64.64.64	
Domain Name Server	168.95.1.1, 168.95.192.1	
Connection Time	00:11:49	

Item	Status	Sidenote
Card Info	E161	Supported Cards List
Link Status	Connected	
Signal Strength	45%	
Network Name	Chunghwa	

The screenshot shows a Windows command prompt window with the command 'ping 8.8.8.8 -t'. The output displays a series of ping replies with response times and TTL values. A red box highlights the response times, which range from 119ms to 179ms.

```
C:\WINDOWS\system32\cmd.exe - ping 8.8.8.8 -t
Reply from 8.8.8.8: bytes=32 time=179ms TTL=51
Reply from 8.8.8.8: bytes=32 time=188ms TTL=51
Reply from 8.8.8.8: bytes=32 time=138ms TTL=54
Reply from 8.8.8.8: bytes=32 time=128ms TTL=54
Reply from 8.8.8.8: bytes=32 time=178ms TTL=51
Reply from 8.8.8.8: bytes=32 time=145ms TTL=51
Reply from 8.8.8.8: bytes=32 time=119ms TTL=54
Reply from 8.8.8.8: bytes=32 time=159ms TTL=54
Reply from 8.8.8.8: bytes=32 time=120ms TTL=54
Reply from 8.8.8.8: bytes=32 time=138ms TTL=54
Reply from 8.8.8.8: bytes=32 time=138ms TTL=51
Reply from 8.8.8.8: bytes=32 time=138ms TTL=51
Reply from 8.8.8.8: bytes=32 time=128ms TTL=54
Reply from 8.8.8.8: bytes=32 time=158ms TTL=54
Reply from 8.8.8.8: bytes=32 time=158ms TTL=51
Reply from 8.8.8.8: bytes=32 time=148ms TTL=51
Reply from 8.8.8.8: bytes=32 time=129ms TTL=54
Reply from 8.8.8.8: bytes=32 time=128ms TTL=54
Reply from 8.8.8.8: bytes=32 time=139ms TTL=51
Reply from 8.8.8.8: bytes=32 time=119ms TTL=51
```



# WBR-6801's B區 performance ( with 3G Booster)

The screenshot shows the LevelOne WBR-6801 web interface in Internet Explorer. The browser address bar shows 'http://192.168.1.1/'. The page title is 'LevelOne WBR-6801'. The interface includes a navigation menu with 'ADMINISTRATOR's MAIN MENU', 'Status', 'Wizard', 'Advanced', and 'Logout'. The main content area displays system and wireless modem information in table format.

System Status [HELP]		
Item	Status	Sidenote
IP Address	111.82.32.99	
Subnet Mask	255.255.255.255	
Gateway	10.64.64.64	
Domain Name Server	168.95.1.1 , 168.95.192.1	
Connection Time	00:15:11	
Wireless Modem Information		
Item	Status	Sidenote
Card Info	E161	Supported Cards List
Link Status	Connected.	
Signal Strength	54%	
Network Name	Chunghwa	
Wireless Status		
Item	WLAN Status	Sidenote

The screenshot shows a Windows command prompt window with the command 'ping 8.8.8.8 -t'. The output displays a series of ping replies with consistent performance metrics.

```
C:\WINDOWS\system32\cmd.exe - ping 8.8.8.8 -t
Reply from 8.8.8.8: bytes=32 time=111ms TTL=51
Reply from 8.8.8.8: bytes=32 time=111ms TTL=54
Reply from 8.8.8.8: bytes=32 time=111ms TTL=54
Reply from 8.8.8.8: bytes=32 time=111ms TTL=51
Reply from 8.8.8.8: bytes=32 time=111ms TTL=51
Reply from 8.8.8.8: bytes=32 time=116ms TTL=54
Reply from 8.8.8.8: bytes=32 time=111ms TTL=54
Reply from 8.8.8.8: bytes=32 time=111ms TTL=54
Reply from 8.8.8.8: bytes=32 time=111ms TTL=51
Reply from 8.8.8.8: bytes=32 time=111ms TTL=51
Reply from 8.8.8.8: bytes=32 time=113ms TTL=54
Reply from 8.8.8.8: bytes=32 time=418ms TTL=54
Reply from 8.8.8.8: bytes=32 time=113ms TTL=51
Reply from 8.8.8.8: bytes=32 time=136ms TTL=51
Reply from 8.8.8.8: bytes=32 time=132ms TTL=54
Reply from 8.8.8.8: bytes=32 time=135ms TTL=54
Reply from 8.8.8.8: bytes=32 time=135ms TTL=51
Reply from 8.8.8.8: bytes=32 time=136ms TTL=51
Reply from 8.8.8.8: bytes=32 time=135ms TTL=54
```



B區

WBR-6801 B區 實測結果如下

3G Booster到 C區WBR-6801的距離約 6m

### **WBR-6801 w/o 3G Booster**

- a. Signal strength :45%
- b. Ping (time to life): around 130ms

### **WBR-6800 with 3G Booster**

- a. Signal strength :54%
- b. Ping (time to life): around 110ms

\*\*WBR-6801在B區 使用了3G Booster 訊號增加10%

# WBR-6801's A 區 performance (without 3G Booster)

The screenshot shows the LevelOne WBR-6801 web interface in Internet Explorer. The browser address bar shows 'http://192.168.1.1/'. The page title is 'LevelOne WBR-6801'. The interface includes a navigation menu with 'ADMINISTRATOR'S MAIN MENU', 'Status', 'Wizard', 'Advanced', and 'Logout'. The main content area displays two tables:

System Status [HELP]		
Item	Status	Sidenote
IP Address	111.82.32.99	
Subnet Mask	255.255.255.255	
Gateway	10.64.64.64	
Domain Name Server	168.95.1.1, 168.95.192.1	
Connection Time	00:19:09	

Wireless Modem Information		
Item	Status	Sidenote
Card Info	E161	Supported Cards List
Link Status	Connected	
Signal Strength	58%	
Network Name	Chunghwa	

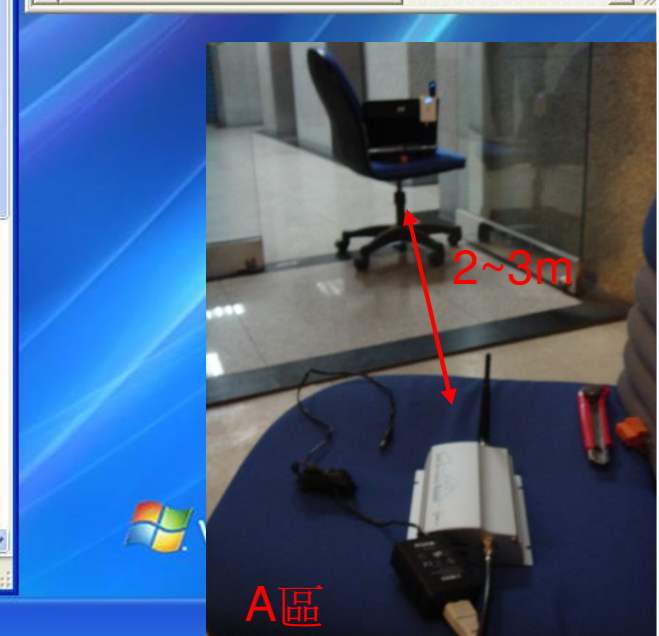
  

Wireless Status		
Item	WLAN Status	Sidenote

The 'Signal Strength' row in the 'Wireless Modem Information' table is highlighted with a red box.

```
C:\WINDOWS\system32\cmd.exe - ping 8.8.8.8 -t
Reply from 8.8.8.8: bytes=32 time=103ms TTL=54
Reply from 8.8.8.8: bytes=32 time=152ms TTL=51
Reply from 8.8.8.8: bytes=32 time=152ms TTL=51
Reply from 8.8.8.8: bytes=32 time=142ms TTL=54
Reply from 8.8.8.8: bytes=32 time=132ms TTL=54
Reply from 8.8.8.8: bytes=32 time=122ms TTL=51
Reply from 8.8.8.8: bytes=32 time=152ms TTL=51
Reply from 8.8.8.8: bytes=32 time=190ms TTL=54
Reply from 8.8.8.8: bytes=32 time=157ms TTL=54
Reply from 8.8.8.8: bytes=32 time=172ms TTL=51
Reply from 8.8.8.8: bytes=32 time=132ms TTL=51
Reply from 8.8.8.8: bytes=32 time=192ms TTL=51
Reply from 8.8.8.8: bytes=32 time=142ms TTL=51
Reply from 8.8.8.8: bytes=32 time=152ms TTL=54
Reply from 8.8.8.8: bytes=32 time=152ms TTL=54
Reply from 8.8.8.8: bytes=32 time=152ms TTL=51
Reply from 8.8.8.8: bytes=32 time=132ms TTL=51
Reply from 8.8.8.8: bytes=32 time=112ms TTL=54
Reply from 8.8.8.8: bytes=32 time=152ms TTL=54
Reply from 8.8.8.8: bytes=32 time=112ms TTL=51
```

The command prompt output shows a series of ping replies to 8.8.8.8. The 'time' and 'TTL' values are highlighted with a red box.



A 區

# WBR-6801's A區 performance ( with 3G Booster)

The screenshot shows the LevelOne WBR-6801 web interface in Internet Explorer. The browser address bar shows 'http://192.168.1.1/'. The page title is 'LevelOne WBR-6801'. The interface includes a navigation menu with 'ADMINISTRATOR's MAIN MENU', 'Status', 'Wizard', 'Advanced', and 'Logout'. The main content area displays two tables:

System Status [ HELP ]		
Item	Status	Sidenote
IP Address	111.82.32.99	
Subnet Mask	255.255.255.255	
Gateway	10.64.64.64	
Domain Name Server	168.95.1.1 , 168.95.192.1	
Connection Time	00:23:39	

Wireless Modem Information		
Item	Status	Sidenote
Card Info	E161	Supported Cards List
Link Status	Connected.	
Signal Strength	83%	
Network Name	Chunghwa	

Wireless Status		
Item	WLAN Status	Sidenote

The 'Signal Strength' row in the 'Wireless Modem Information' table is highlighted with a red box.

```
C:\WINDOWS\system32\cmd.exe - ping 8.8.8.8 -t
Reply from 8.8.8.8: bytes=32 time=138ms TTL=51
Reply from 8.8.8.8: bytes=32 time=121ms TTL=51
Reply from 8.8.8.8: bytes=32 time=141ms TTL=54
Reply from 8.8.8.8: bytes=32 time=131ms TTL=54
Reply from 8.8.8.8: bytes=32 time=141ms TTL=51
Reply from 8.8.8.8: bytes=32 time=121ms TTL=51
Reply from 8.8.8.8: bytes=32 time=111ms TTL=54
Reply from 8.8.8.8: bytes=32 time=111ms TTL=54
Reply from 8.8.8.8: bytes=32 time=112ms TTL=51
Reply from 8.8.8.8: bytes=32 time=121ms TTL=51
Reply from 8.8.8.8: bytes=32 time=144ms TTL=54
Reply from 8.8.8.8: bytes=32 time=206ms TTL=54
Reply from 8.8.8.8: bytes=32 time=292ms TTL=51
Reply from 8.8.8.8: bytes=32 time=111ms TTL=51
Reply from 8.8.8.8: bytes=32 time=126ms TTL=54
Reply from 8.8.8.8: bytes=32 time=111ms TTL=54
Reply from 8.8.8.8: bytes=32 time=111ms TTL=54
Reply from 8.8.8.8: bytes=32 time=111ms TTL=54
Reply from 8.8.8.8: bytes=32 time=111ms TTL=54
Reply from 8.8.8.8: bytes=32 time=111ms TTL=51
Reply from 8.8.8.8: bytes=32 time=111ms TTL=51
```

The entire output of the command prompt is enclosed in a red rectangular box.



A區

WBR-6801 A區 實測結果如下

3G Booster到 WBR-6801的距離約 2m

### **WBR-6801 w/o 3G Booster**

- a. Signal strength :58%
- b. Ping (time to life): around 152ms

### **WBR-6800 with 3G Booster**

- a. Signal strength :83%
- b. Ping (time to life): around 111ms

**\*\*WBR-6801 離 3G Booster 2~3m其訊號明顯增加 25%**