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## Linux Wireless card RT61 no scan results

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Q. I followed the instructions [outlined here](#) <sup>[1]</sup>, but still no luck. I am not getting any scan results for my wireless RT61 card.

A. First, make sure the driver is loaded correctly. Use lsmod command to verify driver is loaded:

```
# lsmod | grep -i rt61
```

Output:

```
rt61                251840    1
```

If driver is not loaded use insmod command to load rt61 driver (kernel 2.6.xx.xx):

```
# insmod rt61.ko
```

Next you must know:

- => Your SSID/ESSID
- => Your wireless operating mode
- => Your operating frequency or channel
- => Your encryption or scrambling keys

Use iwconfig command to assign these values:

```
# iwconfig ra0 essid mywlan
# iwconfig ra0 mode Managed
# iwconfig ra0 channel 3
# iwconfig ra0 key 47b2233444d1xy55a11941chjk8
```

Now try to scan your card again:

```
# iwlist ra0 scanning
```

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[1] outlined here: <http://www.cyberciti.biz/tips/linux-install-and-configure-dlink-dwl-g-520-wireless-lan-pci-card.html>