

# Wi-Fi Signal Strength in macOS

To check your Wi-Fi signal strength, use the command below. The output will include a line similar to this:  
Signal / Noise: -47 dBm / -90 dBm.

```
% system_profiler SPAirPortDataType
```

```
Wi-Fi:
```

```
Software Versions:
```

```
CoreWLAN: 16.0 (1657)  
CoreWLANKit: 16.0 (1657)  
Menu Extra: 17.0 (1728)  
System Information: 15.0 (1502)  
IO80211 Family: 12.0 (1200.13.1)  
Diagnostics: 11.0 (1163)  
AirPort Utility: 6.3.9 (639.26)
```

```
Interfaces:
```

```
en0:
```

```
Card Type: Wi-Fi (0x14E4, 0x4387)  
Firmware Version: wl0: Oct 31 2024 06:06:06 version 20.10.1135.4.8.7.191 FWID 01-e648b845
```

```
IO80211_driverkit-1345.8 "IO80211_driverkit-1345.8" Nov 9 2024 17:02:32
```

```
MAC Address: 06:cf:3c:59:9d:4e
```

```
Locale: Unknown
```

```
Country Code: CN
```

```
Supported PHY Modes: 802.11 a/b/g/n/ac/ax
```

```
Supported Channels: 1 (2GHz), 2 (2GHz), 3 (2GHz), 4 (2GHz), 5 (2GHz), 6 (2GHz), 7 (2GHz), 8 (2GHz),
```

```
Wake On Wireless: Supported
```

```
AirDrop: Supported
```

```
Auto Unlock: Supported
```

```
Status: Connected
```

```
Current Network Information:
```

```
ZTE-YsyTUC_5G:
```

```
PHY Mode: 802.11ac
```

```
Channel: 36 (5GHz, 80MHz)
```

```
Country Code: CN
```

```
Network Type: Infrastructure
```

```
Security: WPA2 Personal
```

```
Signal / Noise: -47 dBm / -90 dBm
```

```
Transmit Rate: 866
```

```
MCS Index: 9
```