

✓

Data Connection

▼

Connection

WIFI

Connection type

WIFI

Device interface

wlan0

✓

WiFi Network

▼

Primary signal

WIFI/dom\_24/c0:06:c3:29:35:0e

SSID

dom\_24

BSSID

[c0:06:c3:29:35:0e](#)

Technology

WiFi 4/N300

Supplicant state

CONNECTED

Supplicant capabilities

[RSN-PSK-CCMP][ESS][WPS]

Security

WPA2-Personal

✓

WiFi Spectrum

▼

Beacon (channel width)

2.4:10 (40MHz)

Beacon frequency

2457MHz

Beacon spectrum band

2.4GHz

Beacon ch (in band)

10

Channel width

40MHz

Highest encountered CCI/CCC

1

Highest encountered ACI/OBSS

0

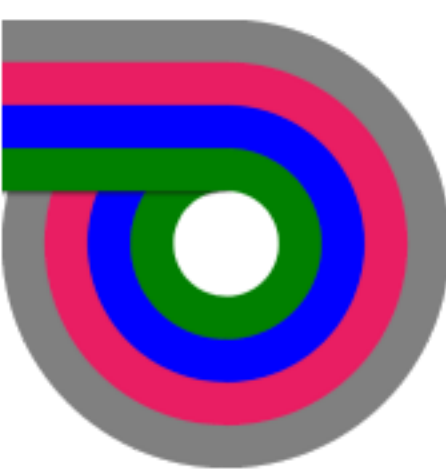
Average channel utilization

0%

All overlapping signals

dom_24		2.4:10 (40)	-36 dBm
TP-Link_:29:35:0e		N300	≥1 Mbps
[Hidden Network]		2.4:10 (40)	-38 dBm
c6:06:c3:29:35:0e		N300	≥1 Mbps
UPC4056381	17.3 %	2.4:6 (20)	-58 dBm
D-LinkIn_9f:59:a4	1 sta	N144	≥1 Mbps
NETIASPOT-2.4GHz-k7BX	11.8 %	2.4:5 (20)	-66 dBm
huaweite_fb:ca:88	1 sta	N144	≥1 Mbps
UPC4056381	46.7 %	2.4:6 (20)	-75 dBm
RalinkTe_c5:8e:ae	2 stas	N144	≥1 Mbps
UPC1818467		2.4:6 (20)	-75 dBm
UbeeInte_44:16:86		N144	≥1 Mbps
TP-Link_9CF4	0.0 %	2.4:11 (40)	-81 dBm
TP-Link_:37:9c:f4		N300	≥1 Mbps
NETIASPOT-A32170		2.4:12 (20)	-82 dBm
JungoSof_a3:21:78		N144	≥1 Mbps

Note: use [WiFi Channels Report](#) to research all channels (and find the best channels for your needs with the least load, interfering and overlapping signals)





# Basic WiFi 6/7 Connection Test v0



## WiFi Signal Quality

RSSI (MCS)

Average RSSI

Average phy speed

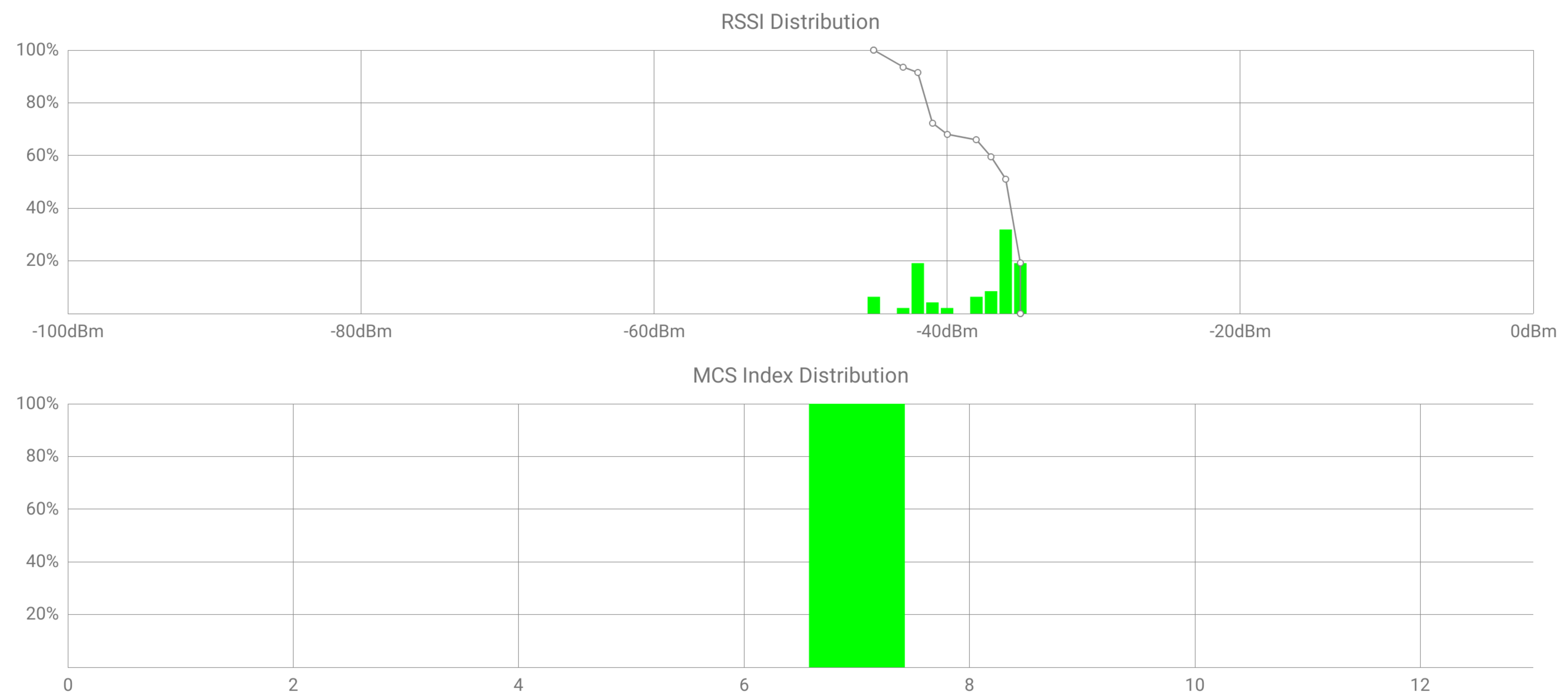
Average MCS Index

-39dBm (7)

-39dBm

150Mbps

7 (64 QAM)



## IP Connection

Device IPs

```
[ 192.168.68.104, fe80::f663:1fff:fea1:2ddd ]
```

## DHCP Server

192.168.68.1

Device IPs

```
[ 192.168.68.104, fe80::f663:1fff:fea1:2ddd]
```

### Default IP Gateway

192.168.68.1

ALL ROUTES

Destination specific

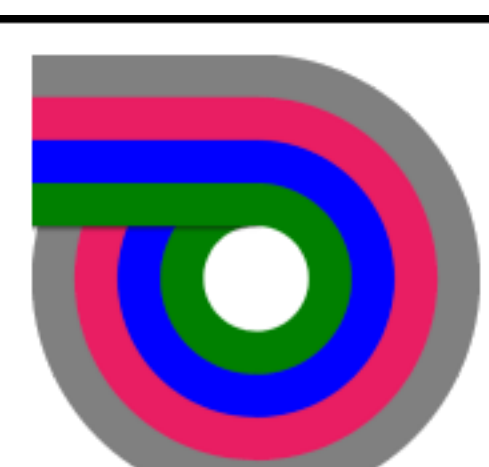
fe80::/64 → ::

Destination specific

192.168.68.0/24 → 0.0.0.0

Default

0.0.0.0/0 → 192.168.68.1









Basic WiFi 6/7 Connection Test v0

