

Technical Tip

Tx Power

1. Topic: How to find the transmit power through AP CLI

Objective

To find what is the current Transmit power set on an AP using CLI commands .

Requisite

SSH client to login to the AP CLI - eg. PuTTY

Steps

- Login to the AP CLI using your choice of SSH client application
- Give the command: **get txpower <wlan name>** eg. *rkscli : get txpower wlan8*

```
rkscli:
rkscli:
rkscli:
rkscli: get txpower wlan0 ← 2.4 Ghz
wlan0 transmit power set to max
OK
rkscli: get txpower wlan8 ← 5 Ghz
wlan8 transmit power set to -12 dB from max power
OK
rkscli:
rkscli:
rkscli:
rkscli:
rkscli:
rkscli: █
```

2.Topic: How to find transmit power of an AP through ZD CLI

Objective

To find the current Transmit power of AP radios in dBm . Will give the transmit power value in dBm when the Txpower is set to Auto, Max , Min ..

Requisite

SSH client to login to the ZD CLI - eg. PuTTY

Steps

- Login to the ZD CLI using the SSH client application of your choice.
- Give the commands:

```
ruckus> en
```

```
ruckus# debug
```

```
ruckus(debug)# rksap_cli -A -s "iwconfig"
```

- This will give information of the AP mac address and corresponding Tx power for both 2.4Ghz and 5Ghz in dBm

```
---- Command 'iwconfig' executed at c0:8a:de:1d:7d:f0 mac address of AP
lo      no wireless extensions.
eth0    no wireless extensions.
eth1    no wireless extensions.
br0     no wireless extensions.
eth0!88bc no wireless extensions.
eth1!88bc no wireless extensions.
wifi0   wifi0  Frequency:2.412 GHz Tx-Power:24 dBm
wifi1   wifi1  Frequency:5.18 GHz Tx-Power:16 dBm
Tx power for 2.4 and 5 Ghz
```