Performing an handover:
>>> matches = wtp.supports & lvap.supports
>>> valid = [block for block in matches if block.uimg[lvap] >= -65]
>>> lvap.assigned_to = valid.pop() if valid else None
>>> lvap.assigned_to
(0C:3E:9F:57:1A:B6, <6,9,12,18,24,36,48,54>, 30 dBm, 1)}
>>> port = lvap.assigned_to[('04:F0:21:09:F9:96', 36, BT_L20)]
>>> port.tx_power = 27

Monitoring (packets)
>>> S = packets_count(bins=[500, 1460, 8192],
                  lvap='0C:3E:9F:57:1A:B6',
                  every=5000,
                  ssid='EmPOWER')
>>> S.tx_samples
[60, 10, 0]

RSSI Triggers
>>> T = rssi(lvaps='0C:3E:9F:57:1A:B6',
            relation='GT',
            value=-50,
            ssid='EmPOWER')
>>> T.callback = handle_rssi_trigger

User Interference Matrix Group
>>> G = uimg(sta='ff:ff:ff:ff:ff:ff',
            relation='EQ',
            value=-50,
            ssid='EmPOWER')
>>> G.callback = handle_uimg_trigger
>>> G.stations
{EtherAddress('0C:3E:9F:57:1A:B6'): -60,
 EtherAddress('7C:FA:DF:09:B6:0A'): -62}

Future Work
Abstractions for SDN-based 4G/5G mobile networks to ease management
and enable rapid service creation
Integration with the Open Air Interface platform