

Outdoor sector

Backhaul (Band 25)
(UE Relay: Foxconn)

Pout (backed-off)	20 dBm
Antenna	6.5 dBi
2 x 2	29.5
Burst	0.891250938 W
Duty Cycle	1

Average Pout 891.2509381 mW 0 mW

Total 891.2509381 mW

20cm Distance from enclosure	0.177309 mW/cm^2
Threshold	1 mW/cm^2

1x1	23
2x2	20

Outdoor sector

Backhaul (Band 41)
(UE Relay: Foxconn)

Pout (rated) 23 dBm
Antenna 7.0 dBi
4x4 36.0
Burst 3.981071706 W
Duty Cycle 0.2285

Average Pout 909.6748847

Total 909.6748847 mW

20cm Distance 0.180974 mW/cm^2
Threshold 1 mW/cm^2

1x1 26
2x2 23
4x4 20

Indoor sector

WiFi (2.4GHz)

Pout 6.02 dBm
Antenna 2.5 dBi
1 1
Burst 0.007112 W
Duty Cycle 1

Average Pout 7.112135

Total 2276.482 mW

20cm Distance 0.453 mW/cm^2
Threshold 1 mW/cm^2

Access (Band 41)
(eNB: Airspan)

24.35
10.5 dBi for both elements combined
3.054921
0.742857

2269.37

1x1 26
2x2 23
4x4 20