

Wi-Fi Planning Report

Bolotin

Prepared for

Moglova O.A.

Location

Astrakhan

Created Time

2021/04/06 15:42:45

Assumptions

Due to the limitation of RF nature, this simulation is based on following assumptions and conditions. It designs for ideal indoor office environment but can also use for other similar environment. There are several key assumptions and conditions as followings:

- The environment is clear and do not have RF interference
- The access point is in the relative same horizontal plan of the client
- The floors are separated and the access point in one floor do not interference to another floor
- The floor should be flat and has the same horizontal height

Notice

The result of D-Link Wi-Fi Planner is just a simulation. It needs to have a physical site survey for the real coverage of the Wi-Fi deployment.

Contents

A.Overview

- a. Floor Plan Overview

B.Floor Plan Bridge A

- a. Environment Setting
- b. AP Locations
- c. AP List
- d. Signal Coverage

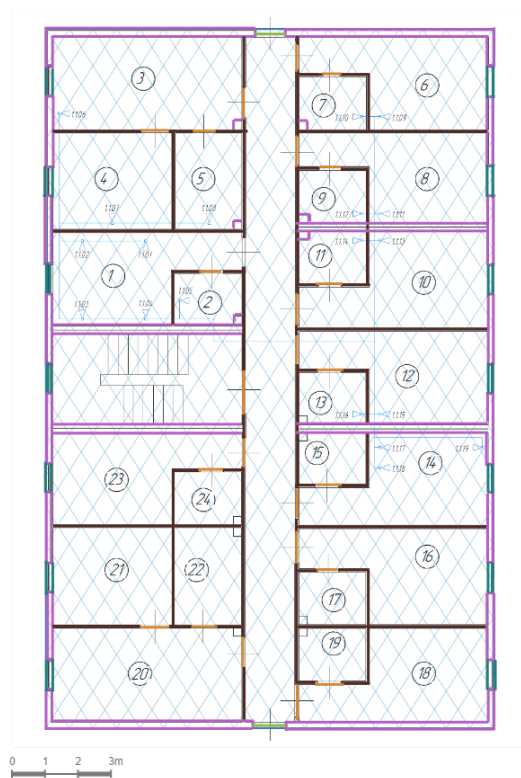
A.Overview

a. Floor Plan Overview

	Name	Floor Plan	Coverage Area	Number of AP
1	Bridge A		287m ²	Indoor: 5
Total Floor Plan:1 Total APs: 5(Indoor)				

B.Floor Plan Bridge A

a. Environment Setting



b. AP Locations

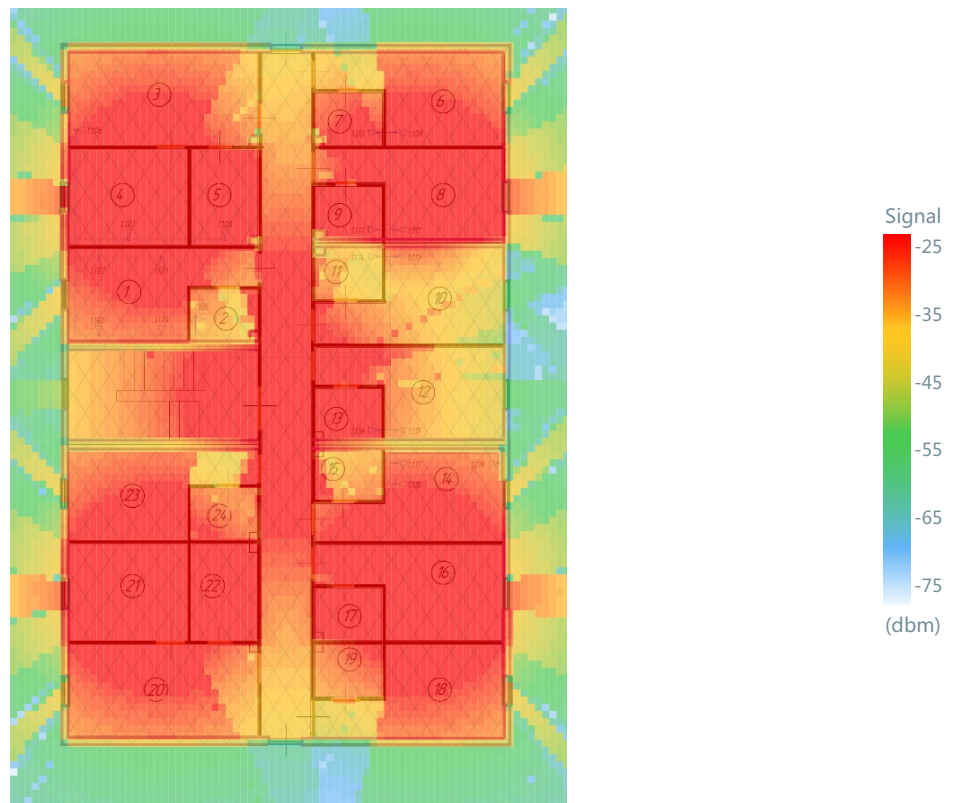
Number of AP : 5



c. AP List

	Name	Model Name	Radio Band	Mode	Channel	Power	Location
1	AP-1	DWL-6610AP	2.4G On	AP	6	18 dBm	
			5.0G On	AP	52	17 dBm	
2	AP-2	DWL-6610AP	2.4G On	AP	Auto	18 dBm	
			5.0G On	AP	Auto	17 dBm	
3	AP-3	DWL-6610AP	2.4G On	AP	Auto	18 dBm	
			5.0G On	AP	Auto	17 dBm	
4	AP-4	DWL-6610AP	2.4G On	AP	Auto	18 dBm	
			5.0G On	AP	Auto	17 dBm	
5	AP-5	DWL-6610AP	2.4G On	AP	Auto	18 dBm	
			5.0G On	AP	Auto	17 dBm	
Total APs: 5							

d. Signal Coverage

[\[2.4GHz\]](#) Coverage Percent:100.0%[\[5GHz\]](#) Coverage Percent:100.0%