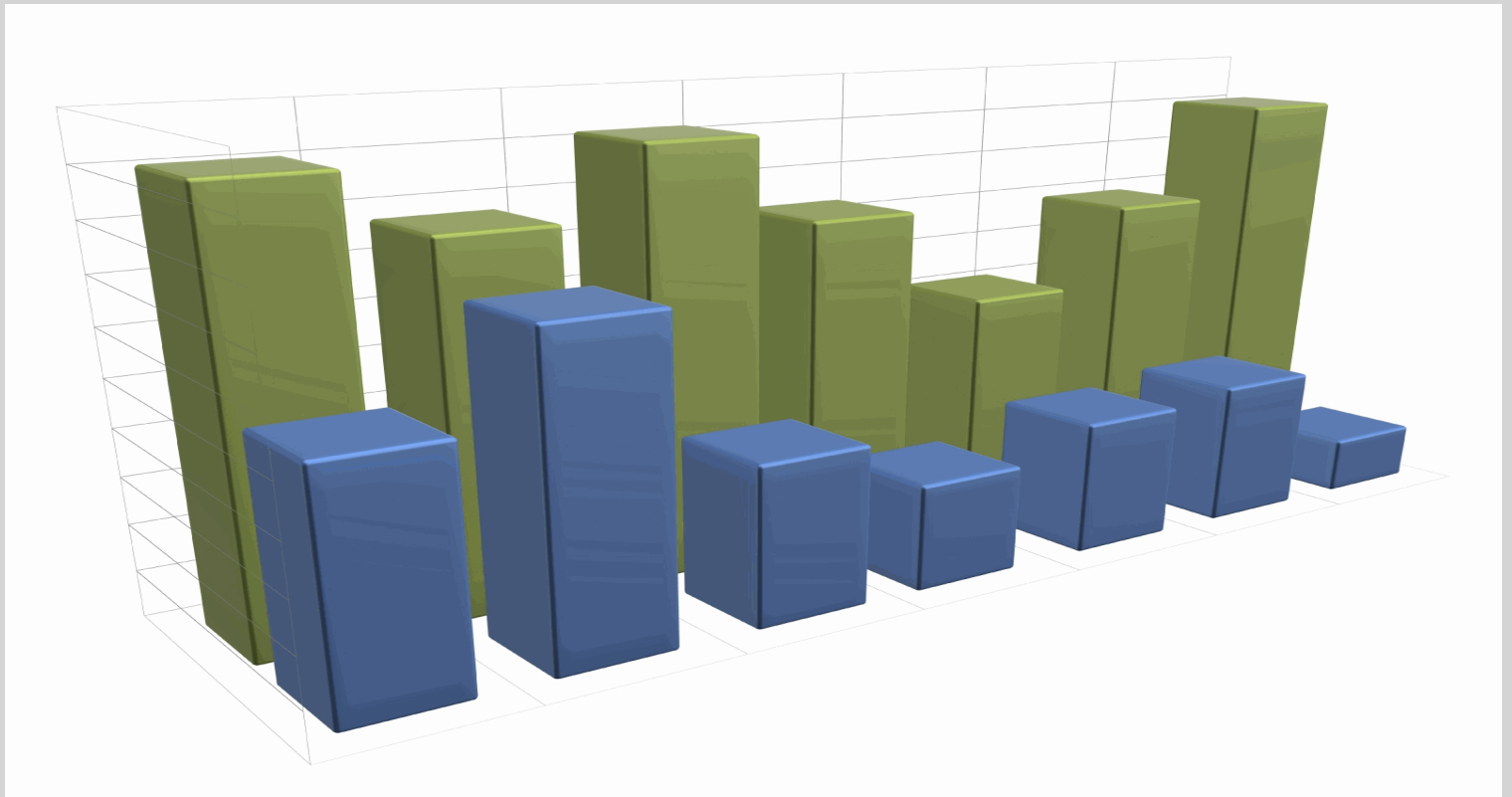


# Overall Coverage Report by AP



**Surveyor:**

Tony S

**Location:**

KC <blank> Office Area

**Time Of Survey:**

1/29/2008 10:21:22 AM





# Overall Coverage Report by AP

**Surveyor:** Tony S

**Location:** KC <blank> Office Area

**Survey Description:**

A site survey of the KC <blank> Office Area (Kansas City, MO) was conducted on 1/29/08. The survey determined three APs, at the locations indicated, are required to provide full coverage at -75dBm (approx 36mbps data rate). Power settings were 1mW. It is recommended the APs be mounted above the drop ceiling using the Cisco AIR-ANT5959 diversity omni-directional antennas.

**Time of Survey:** 1/29/2008 10:21:22 AM

## Contents

- Access Points Information
- Signal Distribution
- Noise Distribution
- Signal/Noise Distribution

## Access Points

<u>AP Name</u>	<u>Media Type</u>	<u>Mac Address</u>	<u>Channel</u>	<u>SSID</u>	<u>Power, mw</u>	<u>Max Signal</u>
Non ACL, Neighborings, Rogues						
ap#1(Merged1)	802.11g	00:19:A9:54:86:D0	1	test	1	-53
ap#2(Merged2)	802.11g	00:19:A9:54:86:D0	1	test	1	-42
ap#3(Merged3)	802.11g	00:19:A9:54:86:D0	1	test	1	-49

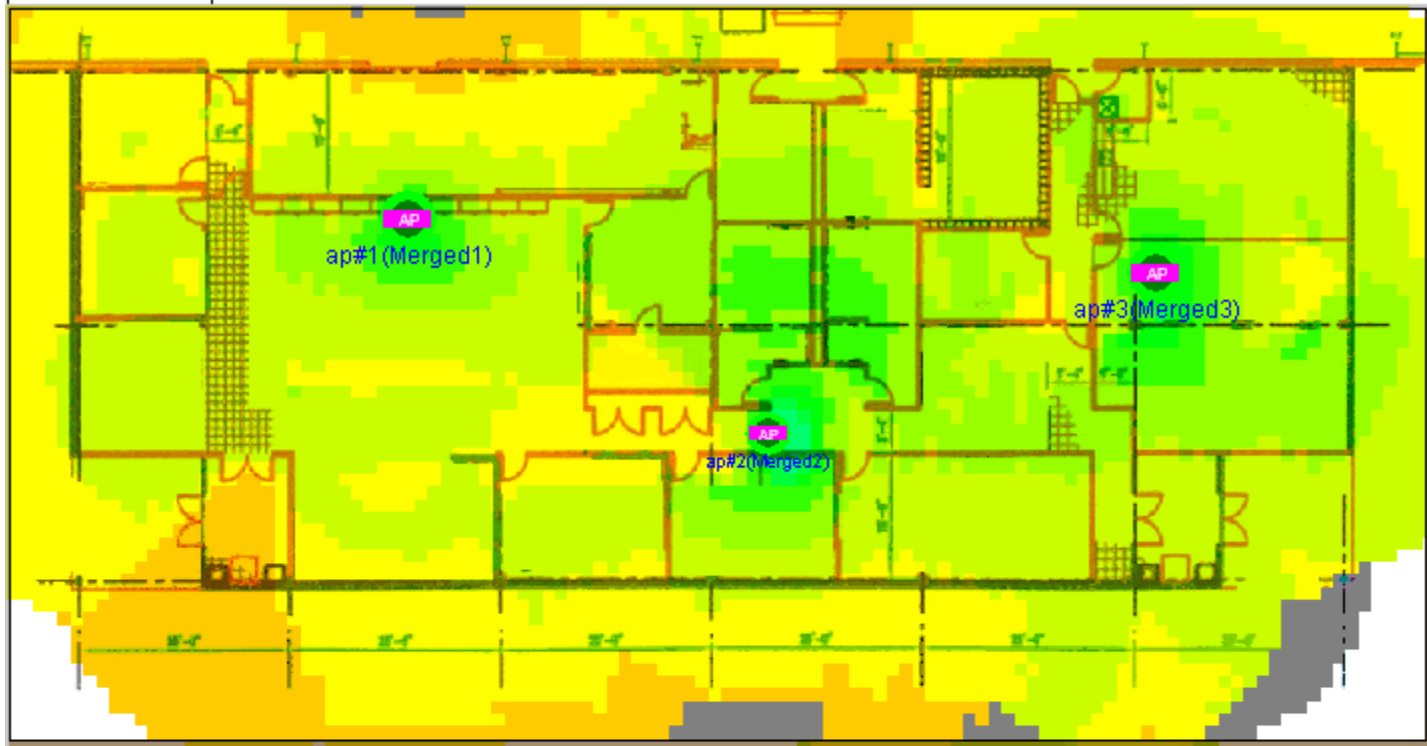
**# of AP**      **3**

**Total AP:**      **3**

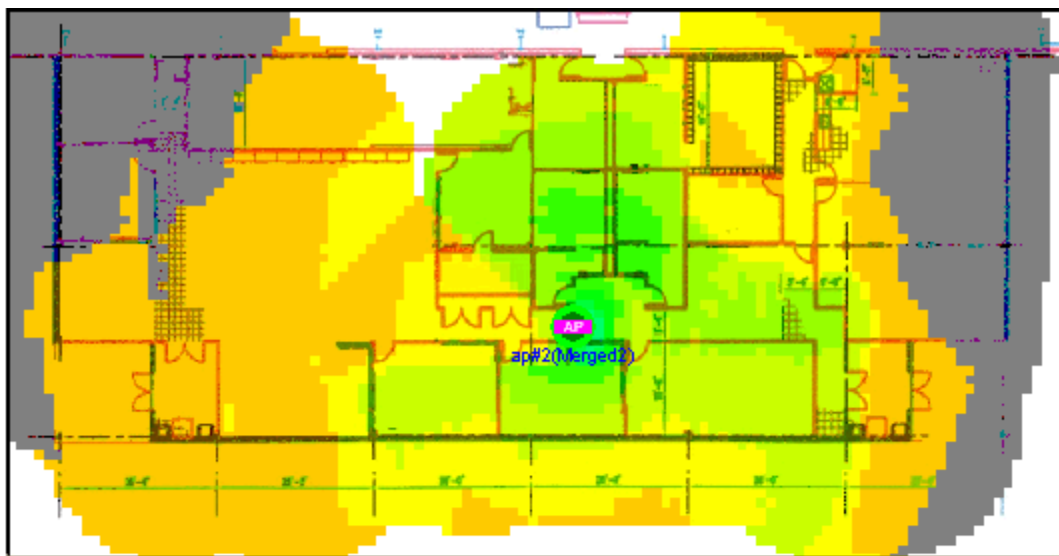
# Signal Distribution

= 23.15 ft

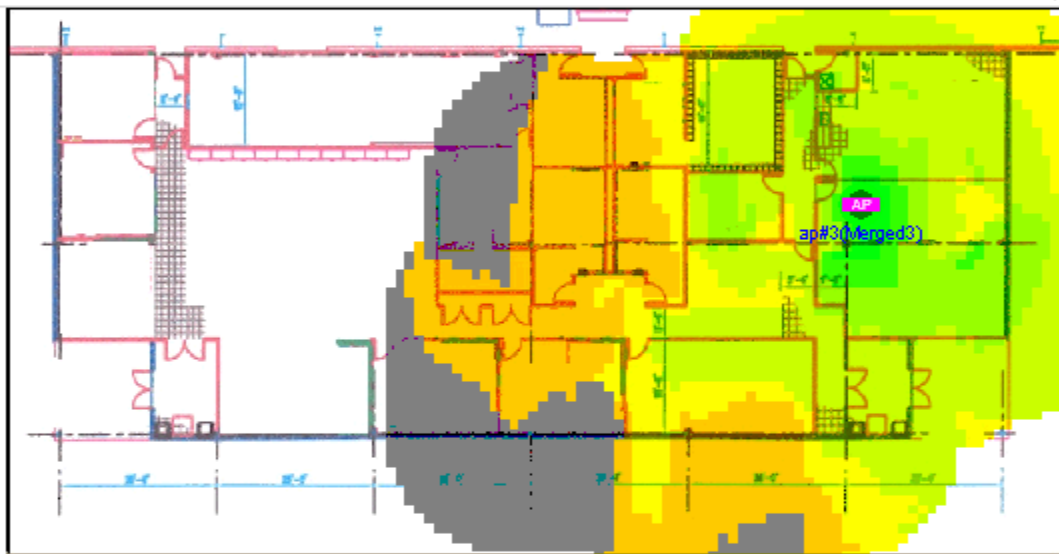
Dimensions (X x Y): 162.07 ft x 84.69 ft



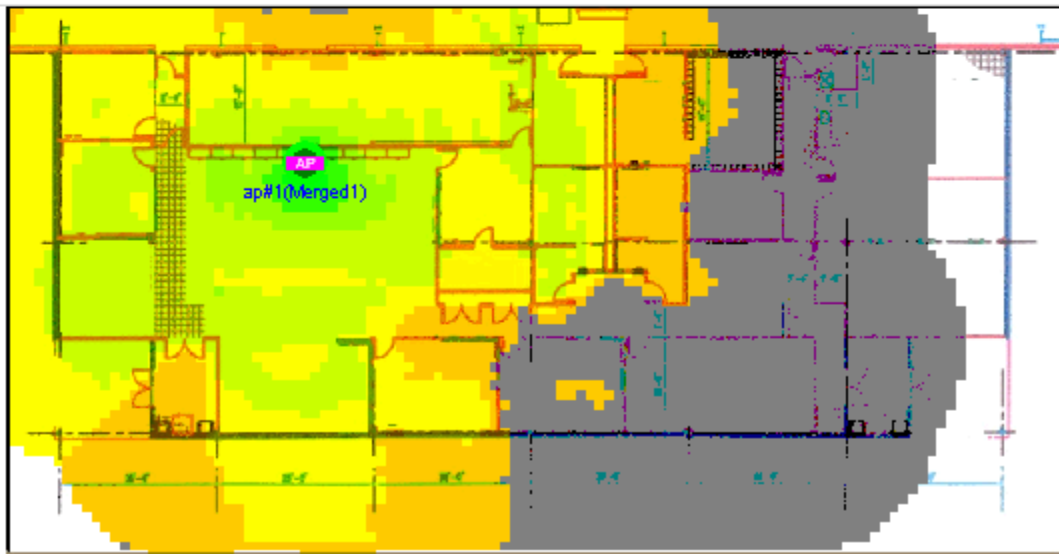
# Individual Signal Distribution



ap#2(Merged2)(ch 1, test, -42)



ap#3(Merged3)(ch 1, test, -49)



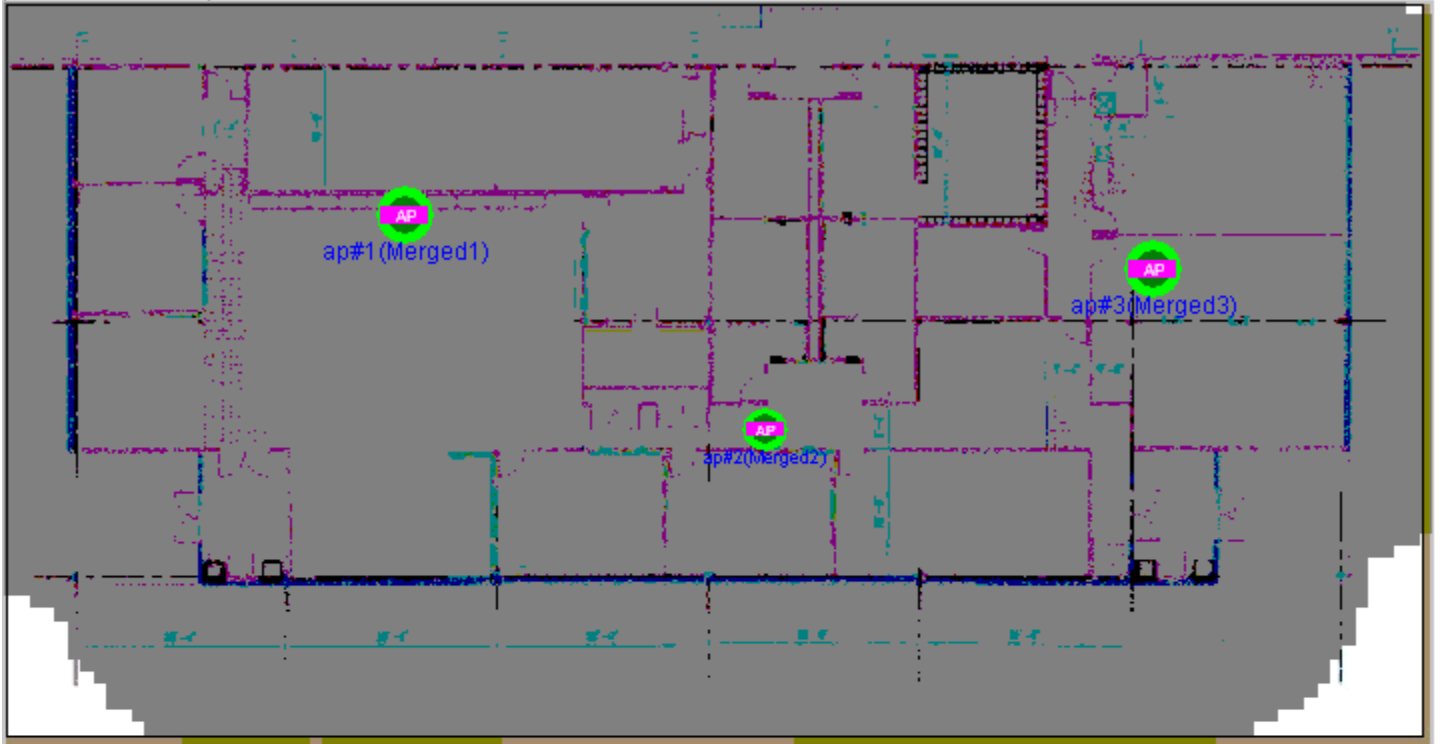
ap#1(Merged1)(ch 1, test, -53)



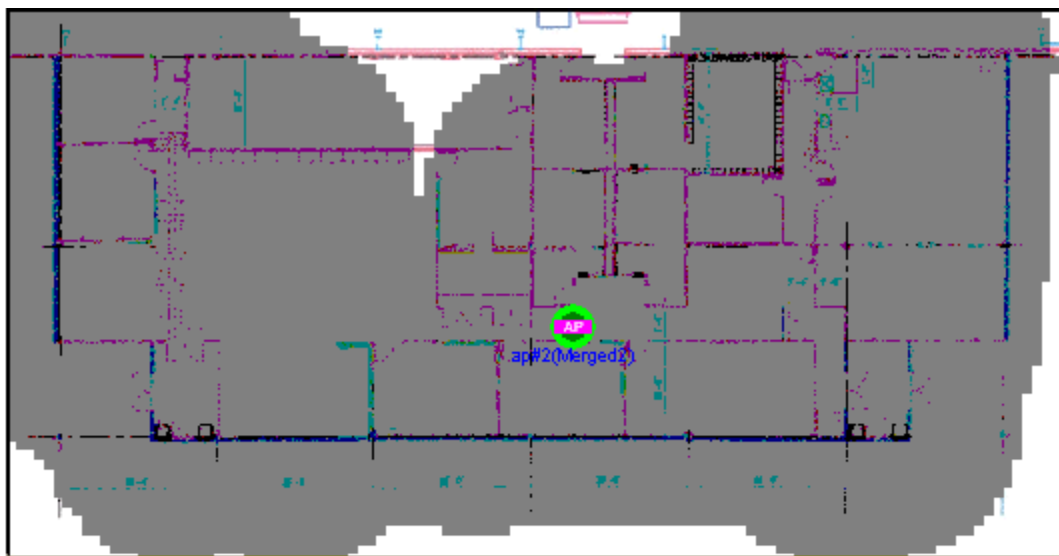
# Noise Distribution

= 23.15 ft

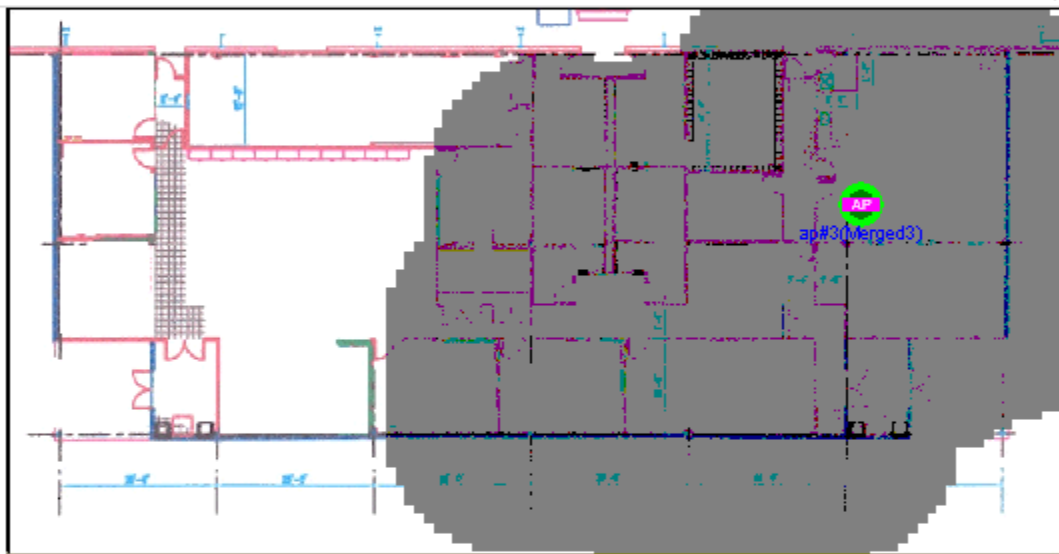
Dimensions (X x Y): 162.07 ft x 84.69 ft



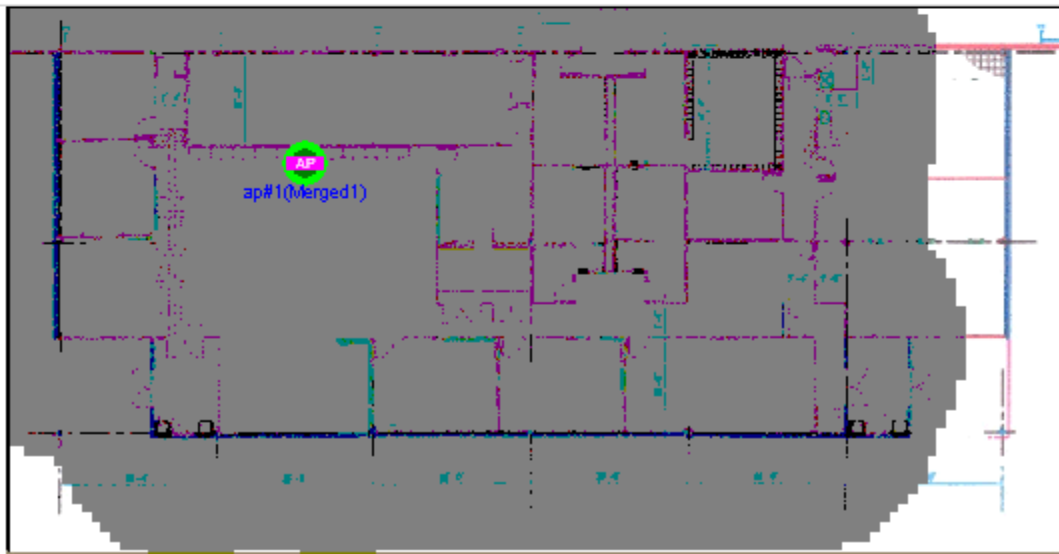
# Individual Noise Distribution



ap#2(Merged2)(ch 1, test, -42)



ap#3(Merged3)(ch 1, test, -49)



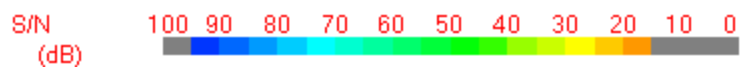
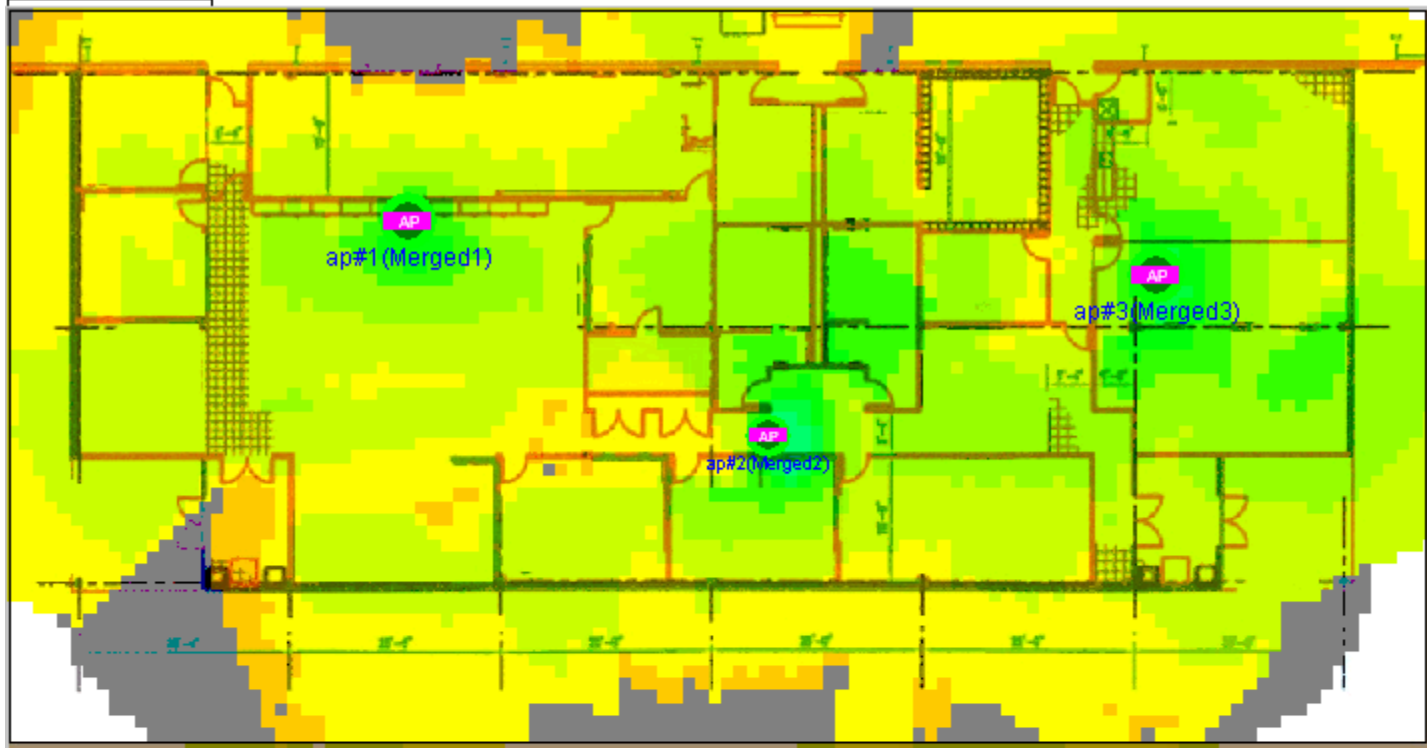
ap#1(Merged1)(ch 1, test, -53)



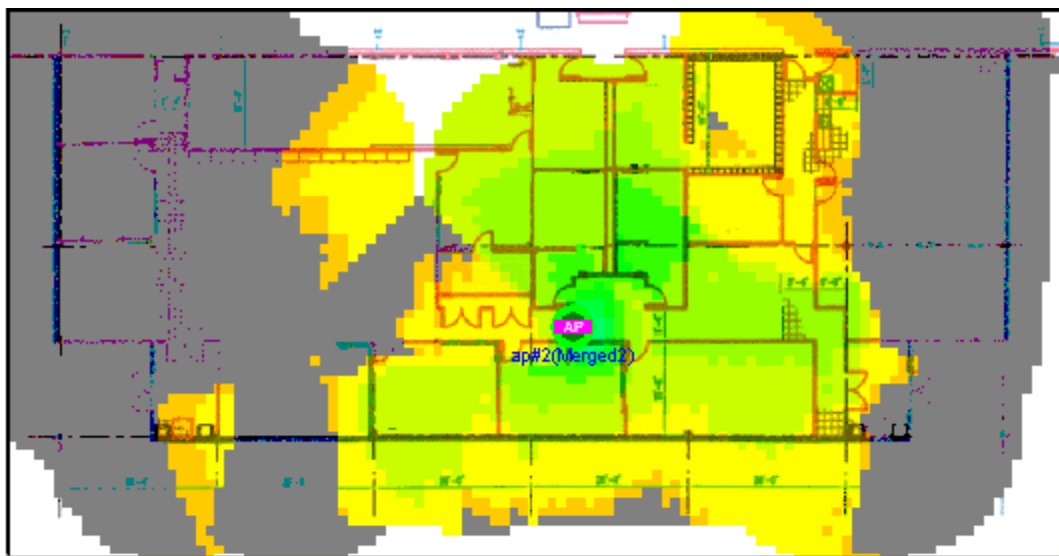
# Signal/Noise Distribution

= 23.15 ft

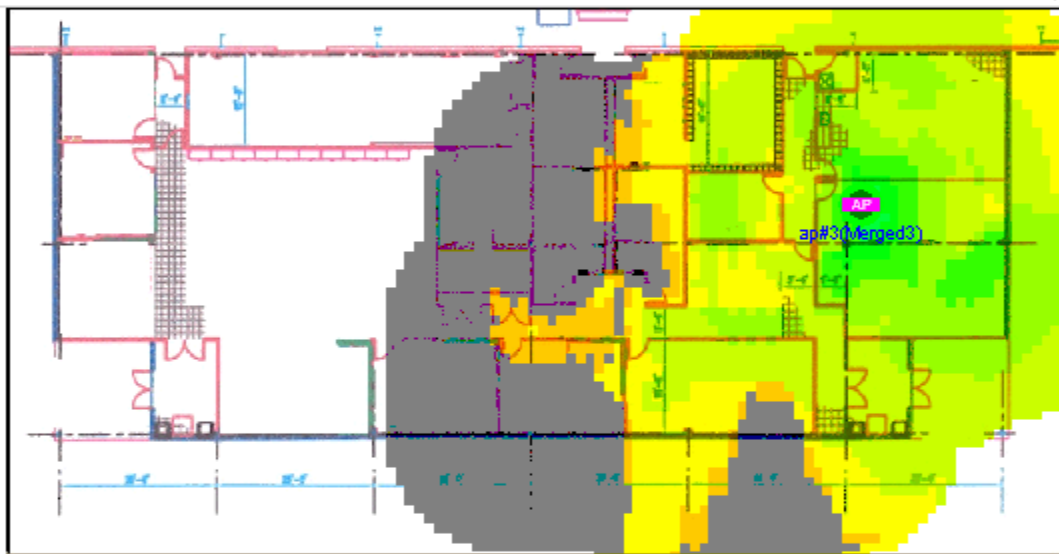
Dimensions (X x Y): 162.07 ft x 84.69 ft



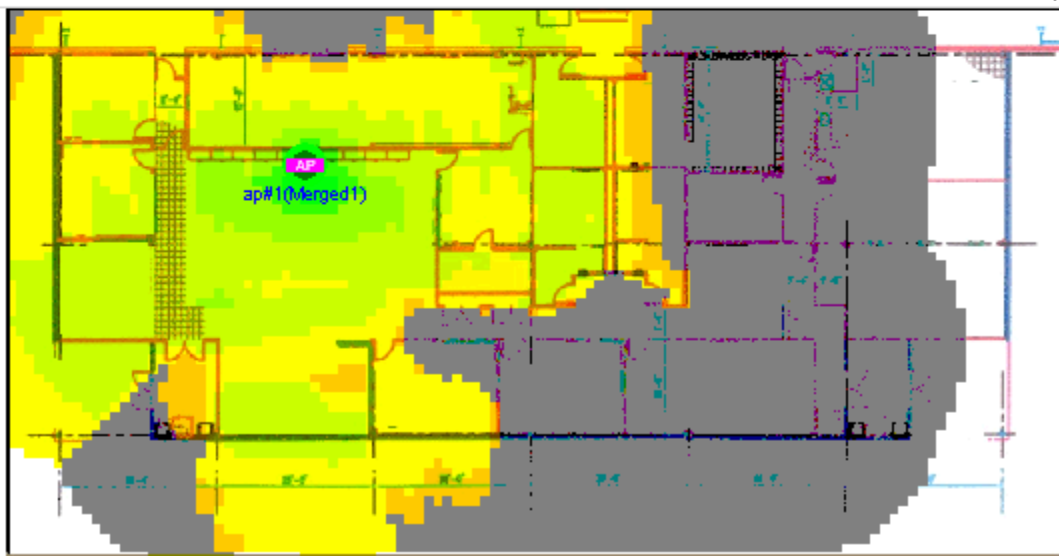
# Individual S/N Distribution



ap#2(Merged2)(ch 1, test, -42)



ap#3(Merged3)(ch 1, test, -49)



ap#1(Merged1)(ch 1, test, -53)

