

KELLER TEXAS

Thursday, August 27, 2026



Survey was created with NetSpot 5.1.0.707

For more information about NetSpot, please visit:
<https://www.netspotapp.com>

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General info: Keller Texas

Project description: church

 **49 min**
Total survey duration

 **8/27/2026 at 11:21:17 AM**
Started

 **8/27/2026 at 12:10:46 PM**
Completed

 Zone(s)
1

 Snapshots
1

 Data points
70

#	Zone	Started	Completed	Duration	Snapshots	Data points
1	Zone	8/27/2026 at 11:21:17 AM	8/27/2026 at 12:10:46 PM	49 min	1	70

Zone #1: Zone

 Map size:

140.74 x 82.9 ft

 **49 min**
Total survey duration

8/27/2026 at 11:21:17 AM
Started

8/27/2026 at 12:10:46 PM
Completed

 Snapshots

1

 Data points

70

#	Snapshot	Started	Completed	Duration	Data points
1	#1 Aug 27, 2026	8/27/2026 at 11:21:17 AM	8/27/2026 at 12:10:46 PM	49 min	70

Snapshot #1.1: #1 Aug 27, 2026



Visualization(s):

16



49 min

Total survey duration



8/27/2026 at 11:21:17 AM

Started



8/27/2026 at 12:10:46 PM

Completed



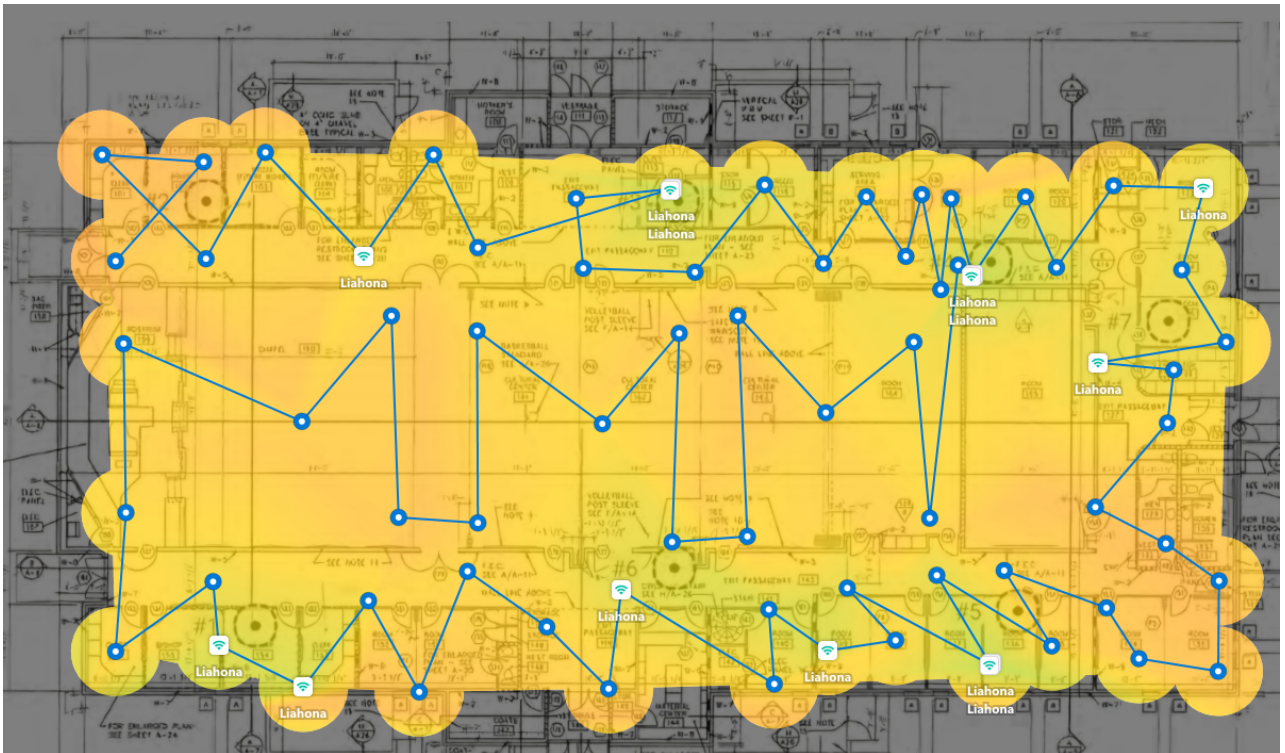
Data points

70

Visualization #1.1.1: Signal level

👎 -96 dBm Min signal level

👍 -10 dBm Max signal level



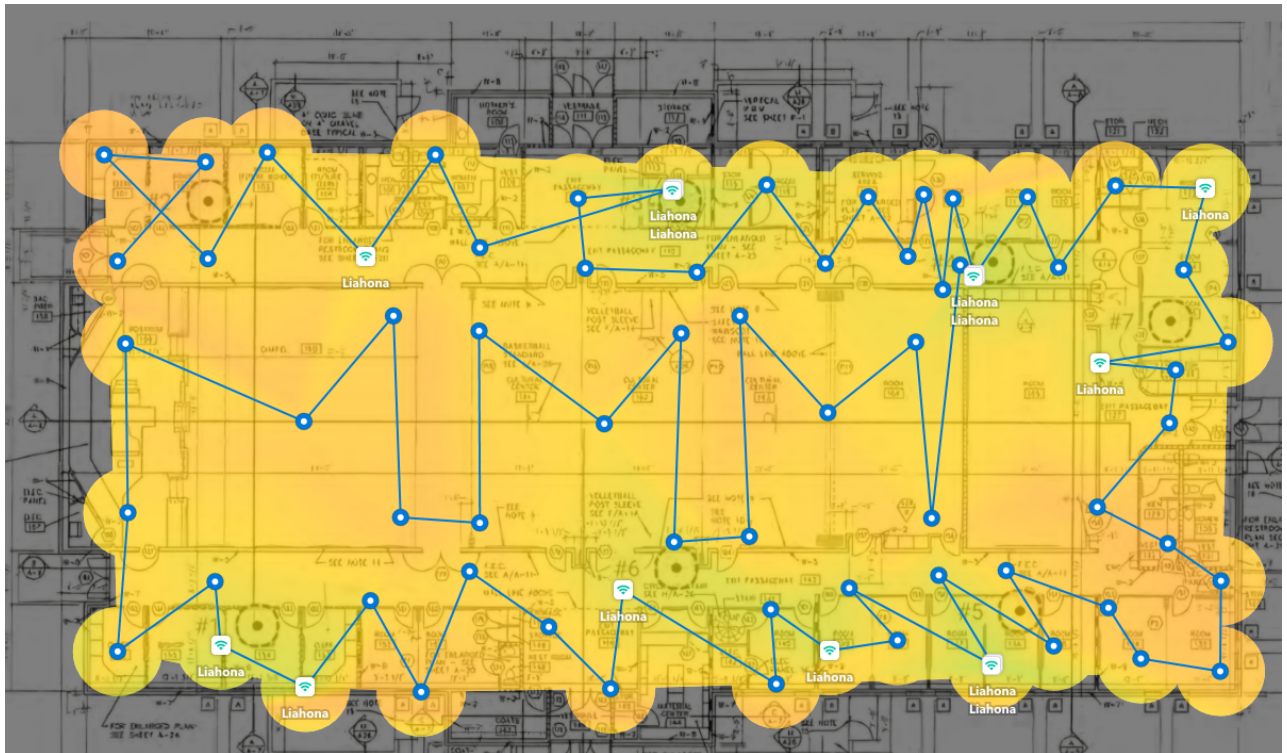
-96 dBm

-10 dBm

#	Network name	BSSID	Channel	PHY	Security	Max signal level	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-36 dBm	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-30 dBm	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-35 dBm	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-28 dBm	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-34 dBm	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-41 dBm	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-50 dBm	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-38 dBm	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-34 dBm	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-57 dBm	-

Visualization #1.1.2: Signal-to-noise ratio

👎 0 dB Min signal-to-noise ratio 👍 86 dB Max signal-to-noise ratio



0 dB

86 dB

#	Network name	BSSID	Channel	PHY	Security	Max SNR	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	60 dB	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	66 dB	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	61 dB	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	68 dB	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	62 dB	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	55 dB	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	46 dB	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	58 dB	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	67 dB	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	67 dB	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	62 dB	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	54 dB	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	54 dB	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	39 dB	-

Visualization #1.1.3: Signal-to-interference ratio



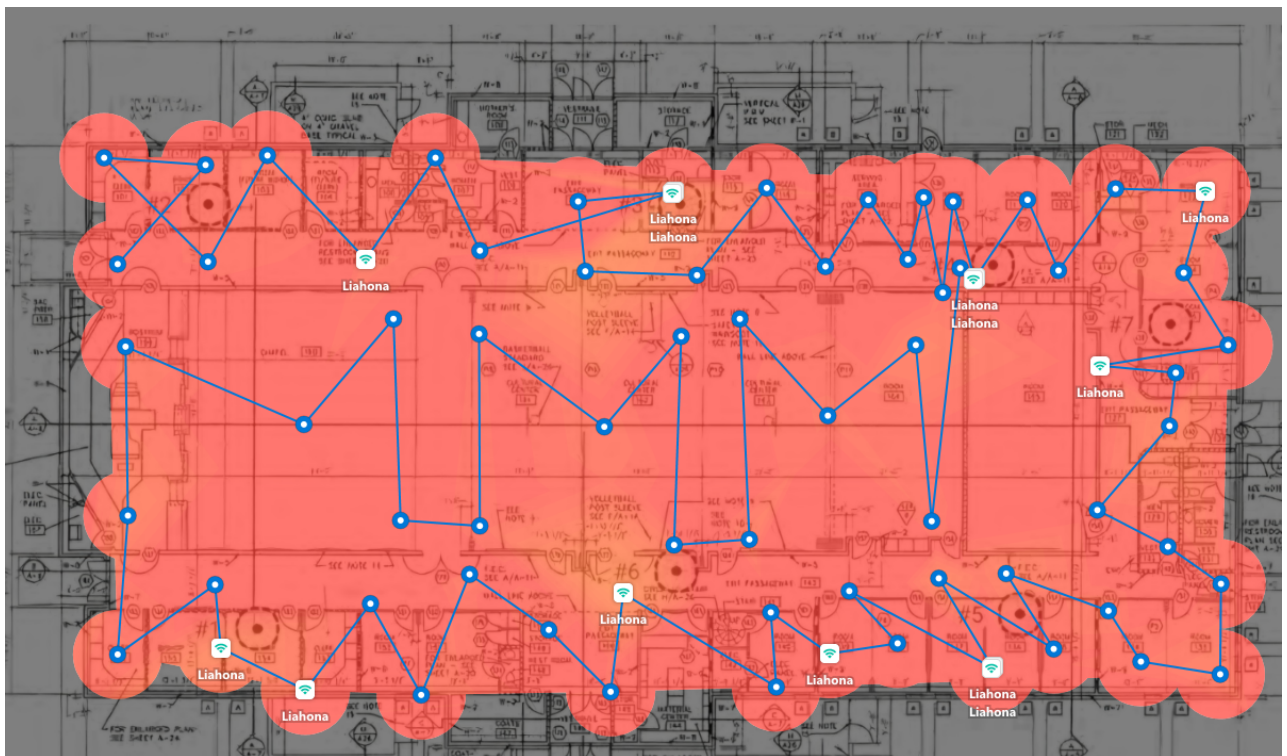
0 dB

Min signal-to-interference ratio



86 dB

Max signal-to-interference ratio



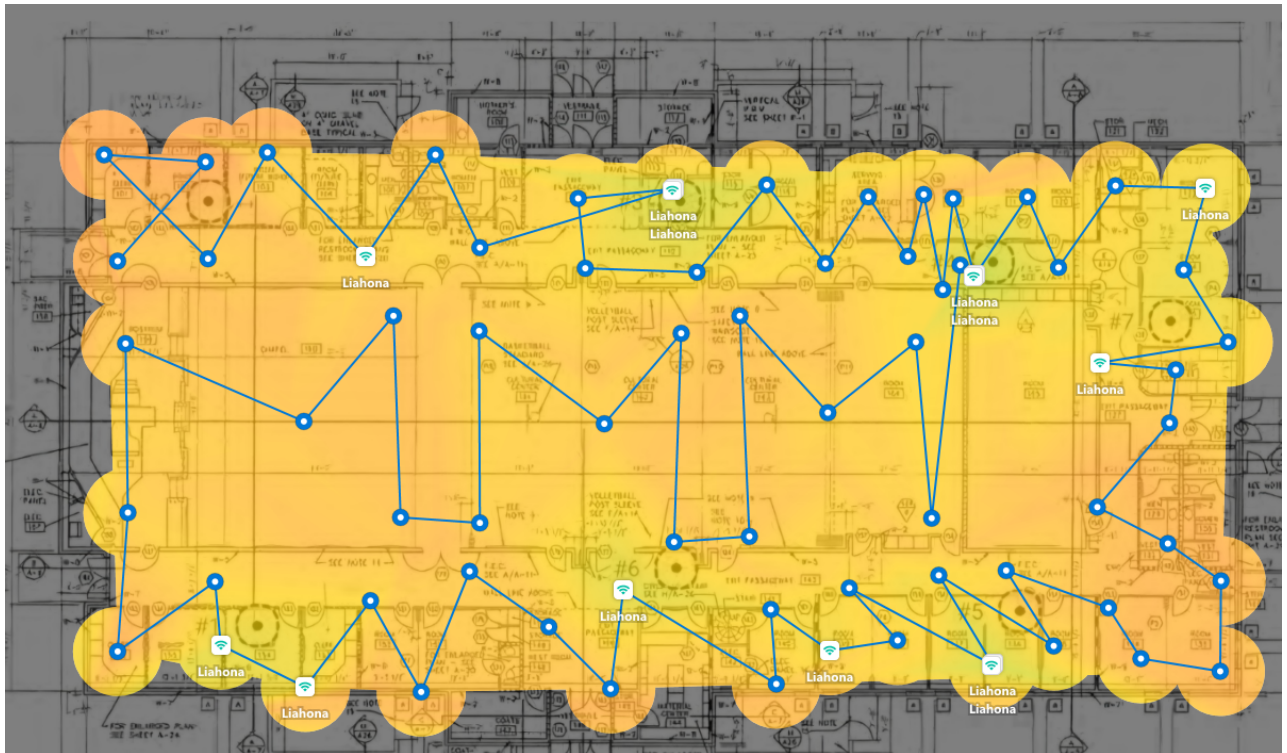
0 dB

86 dB

#	Network name	BSSID	Channel	PHY	Security	Max SIR	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	3 dB	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	4 dB	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	3 dB	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	4 dB	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	5 dB	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	5 dB	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	3 dB	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	10 dB	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	4 dB	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	8 dB	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	5 dB	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	6 dB	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	3 dB	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	2 dB	-

Visualization #1.1.4: Secondary signal level

 -96 dBm Minimum secondary signal level  -10 dBm Maximum secondary signal level



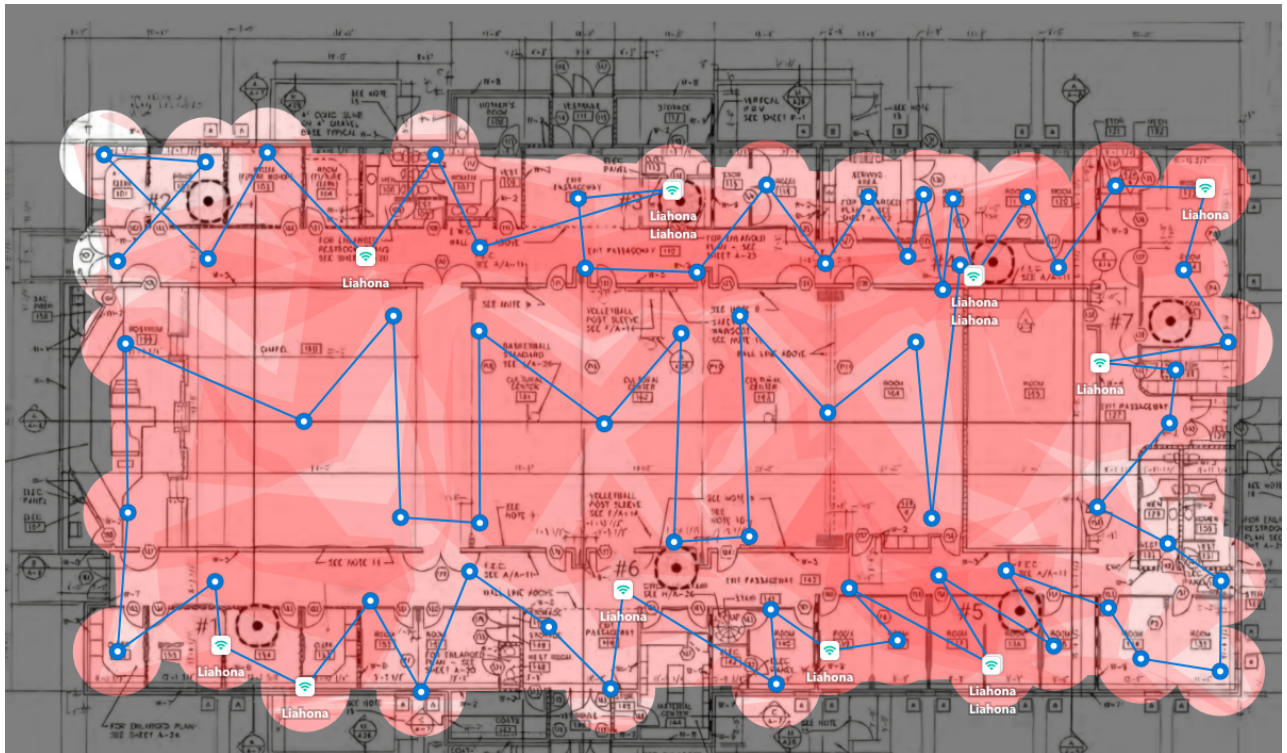
-96 dBm

-10 dBm

#	Network name	BSSID	Channel	PHY	Security	Max signal level	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-36 dBm	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-30 dBm	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-35 dBm	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-28 dBm	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-34 dBm	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-41 dBm	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-50 dBm	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-38 dBm	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-34 dBm	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-57 dBm	-

Visualization #1.1.5: Quantity of access points

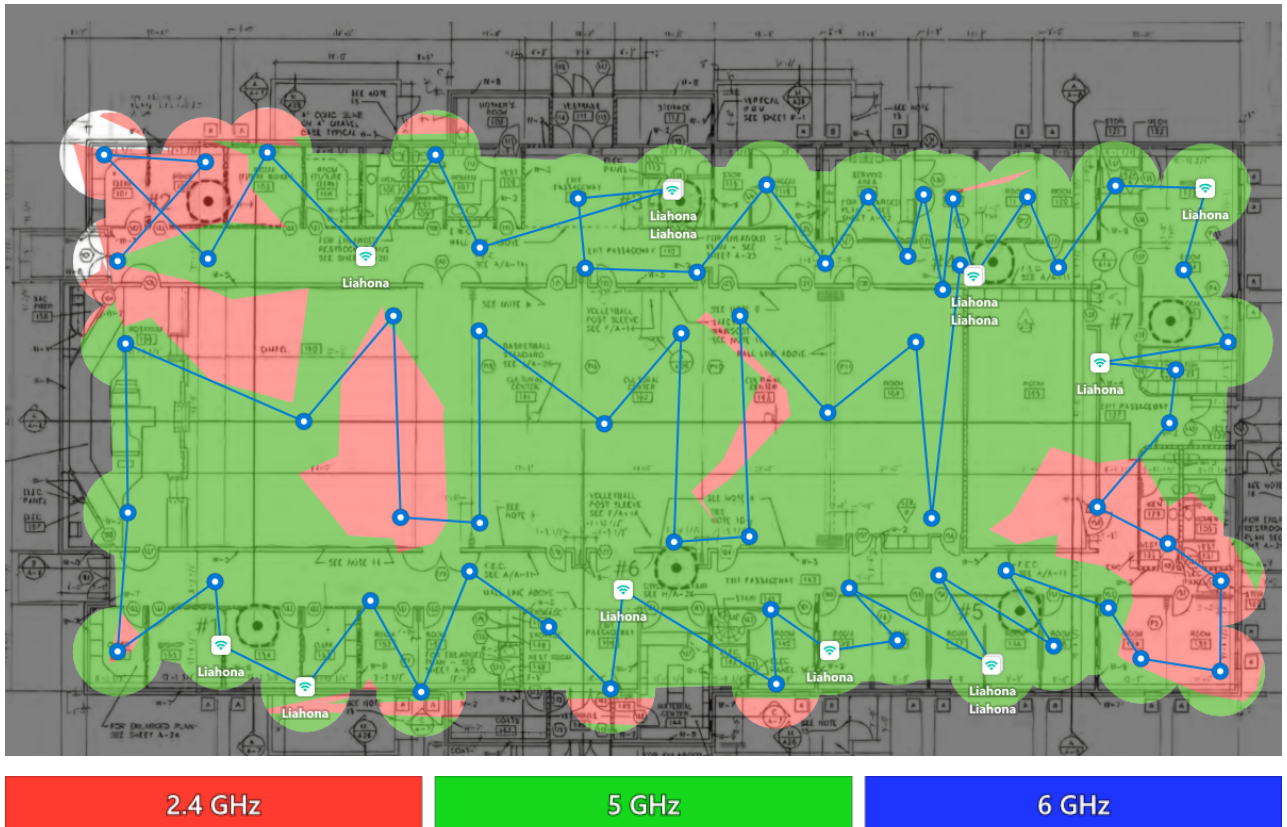
👍 -70 dBm Min signal level



#	Network name	BSSID	Channel	PHY	Security	Max signal level	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-36 dBm	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-30 dBm	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-35 dBm	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-28 dBm	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-34 dBm	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-41 dBm	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-50 dBm	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-38 dBm	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-34 dBm	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-57 dBm	-

Visualization #1.1.6: Frequency band coverage

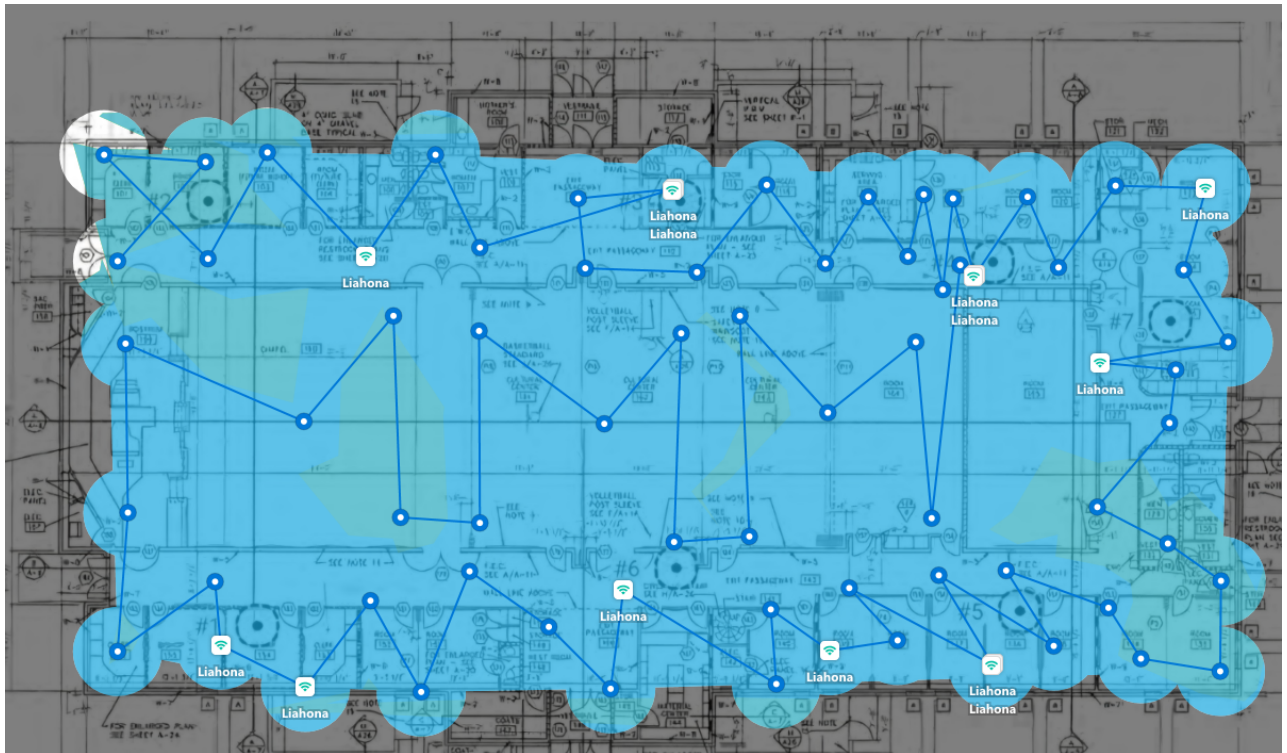
👍 -70 dBm Min signal level



#	Network name	BSSID	Channel	PHY	Security	Max signal level	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-36 dBm	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-30 dBm	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-35 dBm	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-28 dBm	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-34 dBm	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-41 dBm	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-50 dBm	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-38 dBm	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-34 dBm	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-57 dBm	-

Visualization #1.1.7: PHY mode coverage

👍 -70 dBm Min signal level



#	Network name	BSSID	Channel	PHY	Security	Max signal level	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-36 dBm	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-30 dBm	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-35 dBm	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-28 dBm	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-34 dBm	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-41 dBm	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-50 dBm	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-38 dBm	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-34 dBm	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-57 dBm	-

Visualization #1.1.8: Download speed



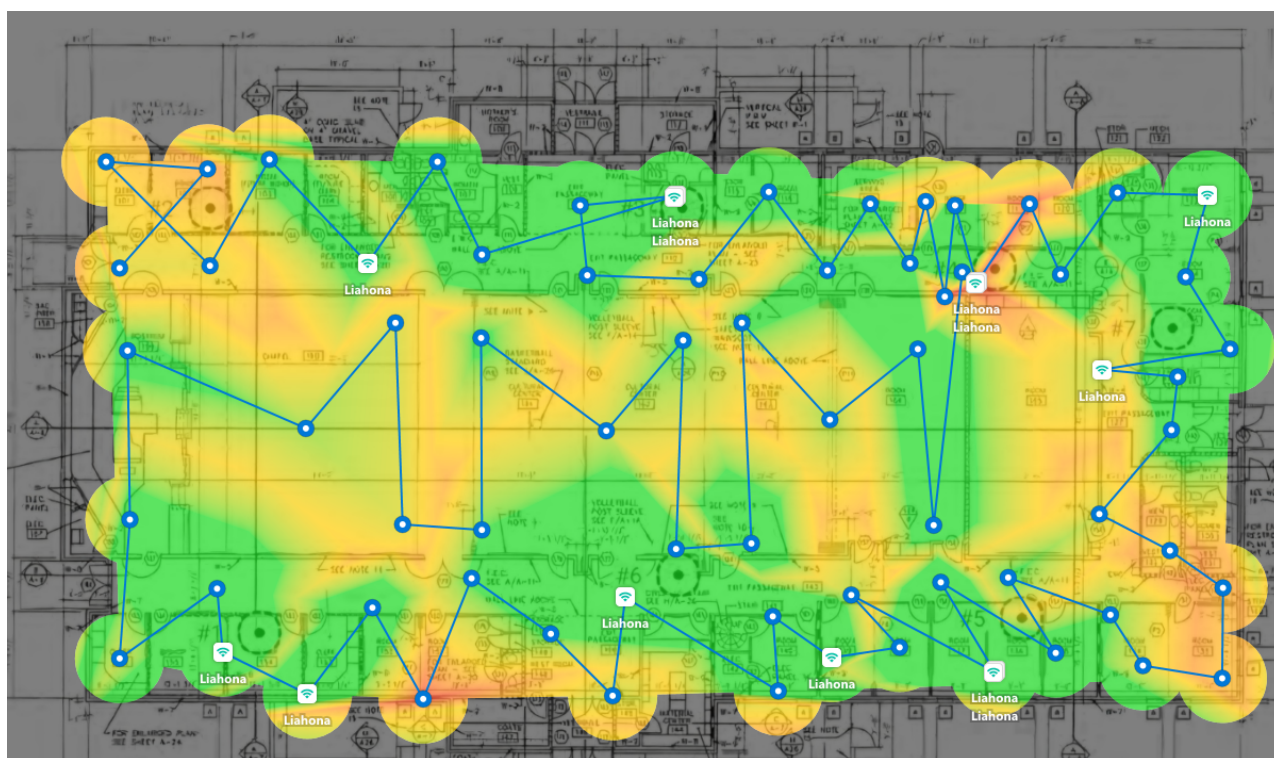
0 Mbps

Min download speed



100 Mbps

Max download speed



0 Mbps

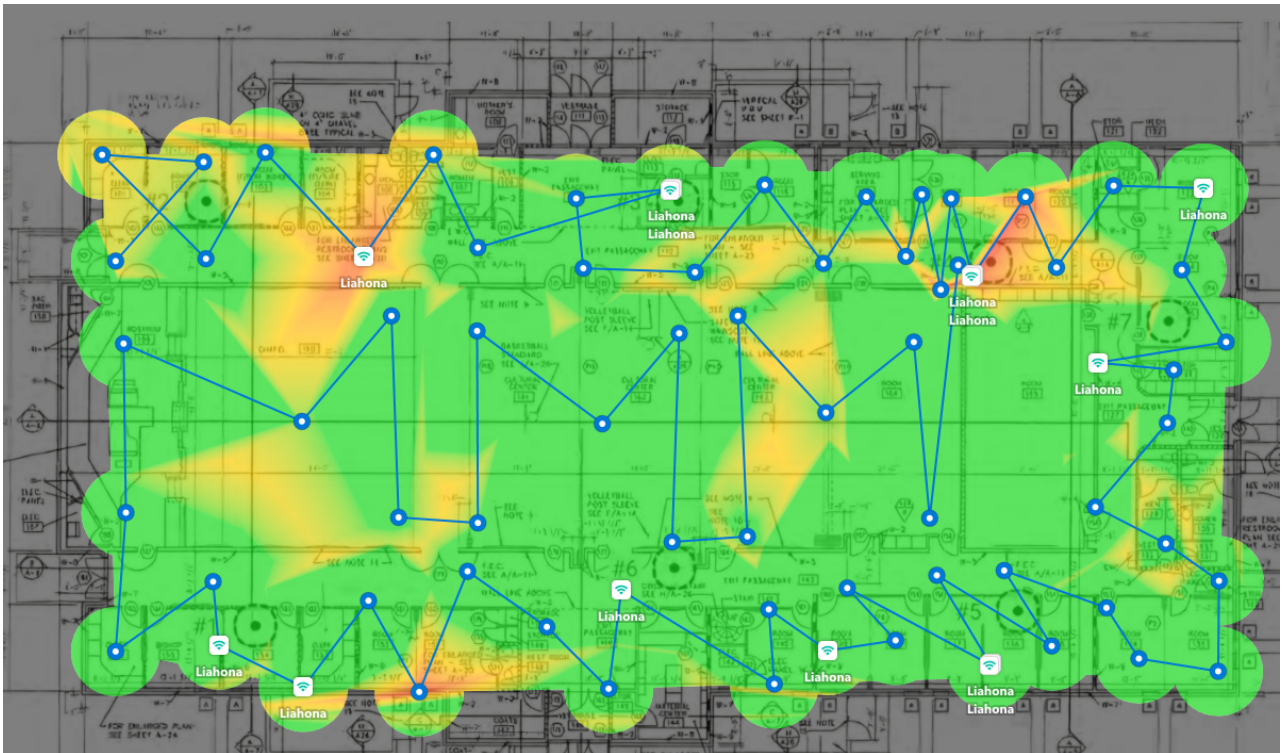
100 Mbps

#	Network name	BSSID	Channel	PHY	Security	Max download speed	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	112 Mbps	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	88 Mbps	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	66 Mbps	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	39 Mbps	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	162 Mbps	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	57 Mbps	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	119 Mbps	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	186 Mbps	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	187 Mbps	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	177 Mbps	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	196 Mbps	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	169 Mbps	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	194 Mbps	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	121 Mbps	-

Visualization #1.1.9: Upload speed

 0 Mbps Min upload speed

 100 Mbps Max upload speed



0 Mbps

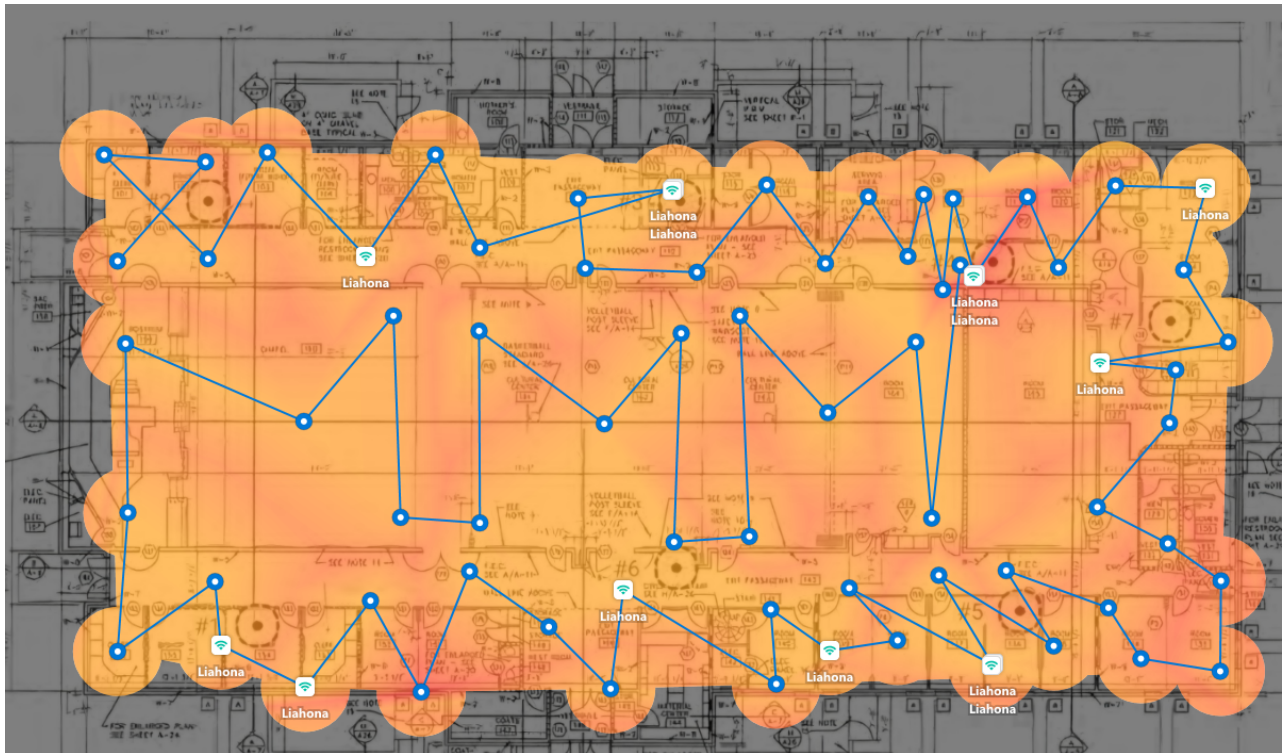
100 Mbps

#	Network name	BSSID	Channel	PHY	Security	Max upload speed	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	277 Mbps	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	260 Mbps	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	251 Mbps	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	150 Mbps	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	164 Mbps	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	158 Mbps	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	441 Mbps	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	588 Mbps	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	495 Mbps	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	208 Mbps	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	478 Mbps	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	290 Mbps	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	185 Mbps	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	142 Mbps	-

Visualization #1.1.10: Wireless transmit rate

👎 0 Mbps Min transmit rate

👍 1000 Mbps Max transmit rate



0 Mbps 1000 Mbps

#	Network name	BSSID	Channel	PHY	Security	Max transmit rate	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	287 Mbps	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	287 Mbps	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	258 Mbps	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	206 Mbps	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	287 Mbps	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	229 Mbps	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	287 Mbps	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	287 Mbps	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	287 Mbps	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	287 Mbps	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	287 Mbps	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	287 Mbps	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	287 Mbps	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	287 Mbps	-

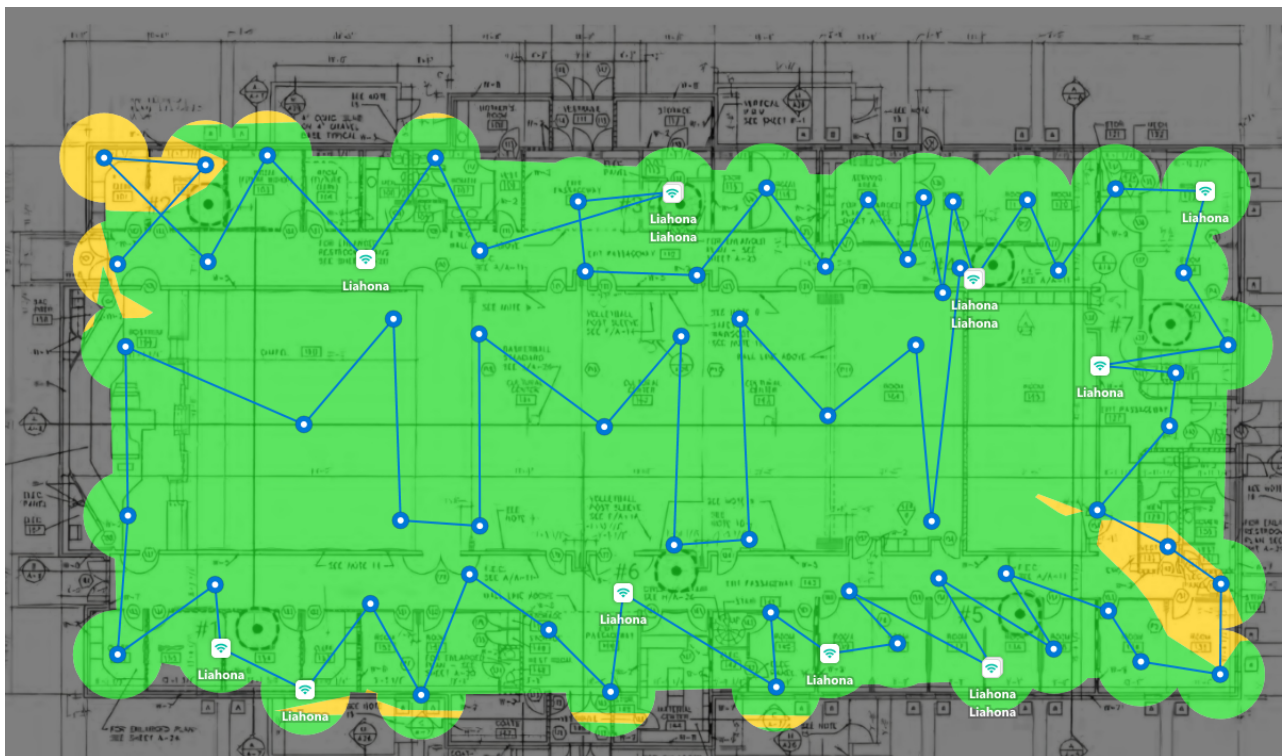
Visualization #1.1.11: Issues with SNR



10 dB Critical signal-to-noise ratio



30 dB Acceptable signal-to-noise ratio

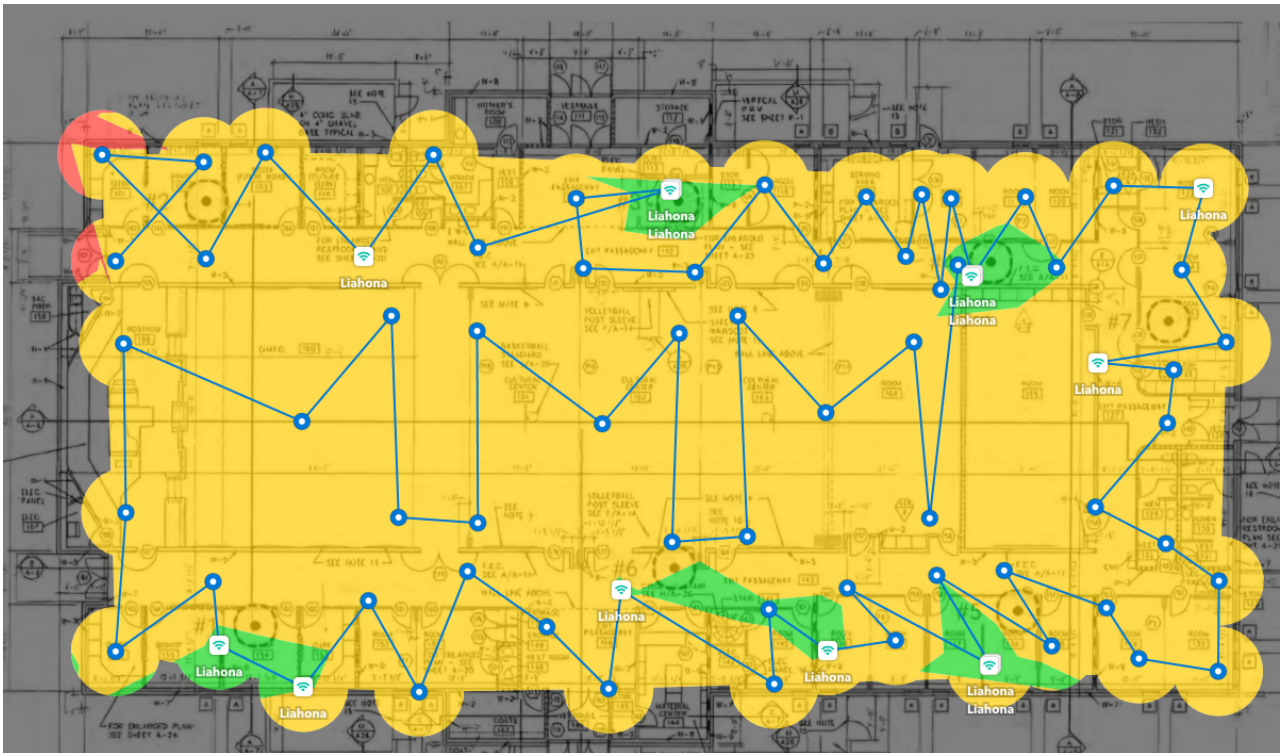


#	Network name	BSSID	Channel	PHY	Security	Max SNR	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	60 dB	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	66 dB	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	61 dB	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	68 dB	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	62 dB	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	55 dB	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	46 dB	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	58 dB	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	67 dB	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	67 dB	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	62 dB	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	54 dB	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	54 dB	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	39 dB	-

Visualization #1.1.12: Low signal level

👎 -70 dBm Critical signal level

👍 -40 dBm Acceptable signal level



#	Network name	BSSID	Channel	PHY	Security	Max signal level	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-36 dBm	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-30 dBm	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-35 dBm	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-28 dBm	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-34 dBm	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-41 dBm	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-50 dBm	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-38 dBm	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-34 dBm	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-57 dBm	-

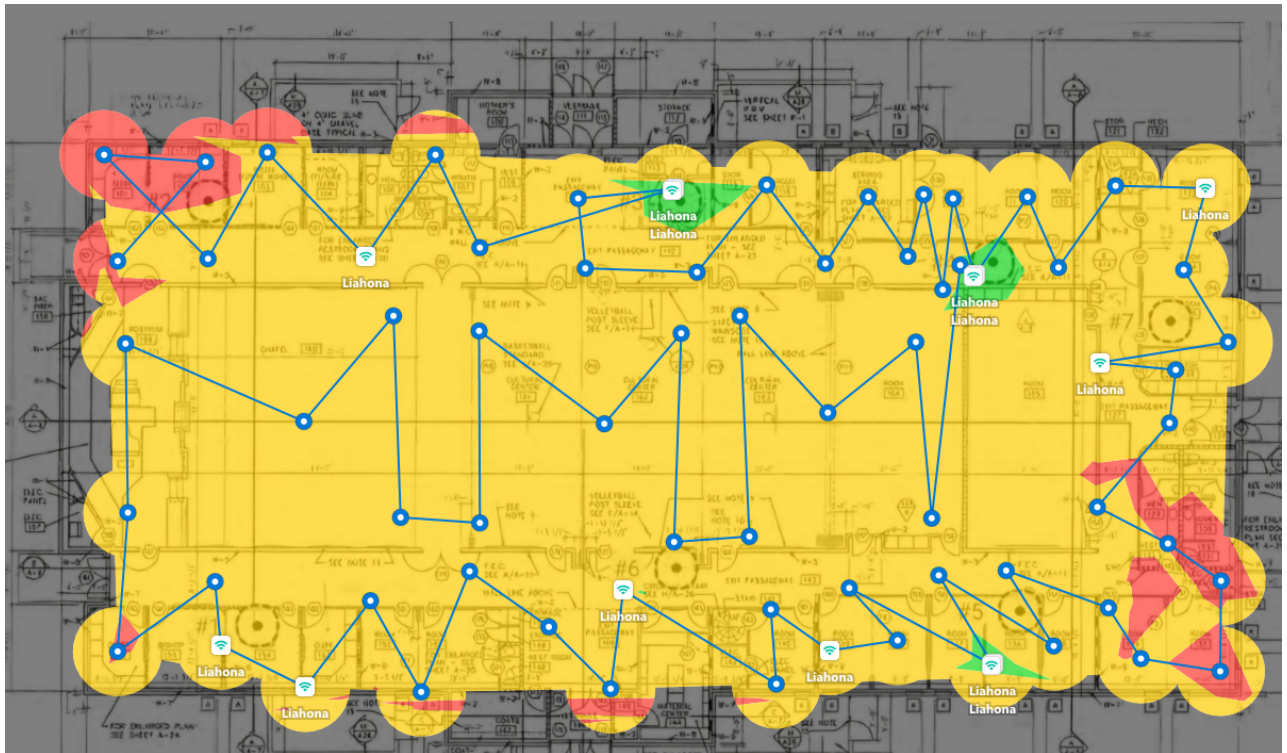
10 dB Critical SIR **30 dB** Acceptable SIR

The diagram illustrates a network topology on a floor plan. Nodes are represented by blue dots, and connections are shown as blue lines. Red cloud-like regions highlight specific areas of the network. Below the diagram are three colored boxes: red with '!!!', yellow with '!', and green with '✓'.

#	Network name	BSSID	Channel	PHY	Security	Max SIR	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	3 dB	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	4 dB	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	3 dB	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	4 dB	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	5 dB	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	5 dB	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	3 dB	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	10 dB	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	4 dB	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	8 dB	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	5 dB	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	6 dB	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	3 dB	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	2 dB	-

Visualization #1.1.14: Low secondary signal level

 -70 dBm Critical secondary signal level  -40 dBm Acceptable secondary signal level



#	Network name	BSSID	Channel	PHY	Security	Max signal level	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-36 dBm	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-30 dBm	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-35 dBm	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-28 dBm	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-34 dBm	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-41 dBm	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	-50 dBm	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-38 dBm	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-29 dBm	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-34 dBm	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-42 dBm	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	-57 dBm	-

Visualization #1.1.15: Low download rate



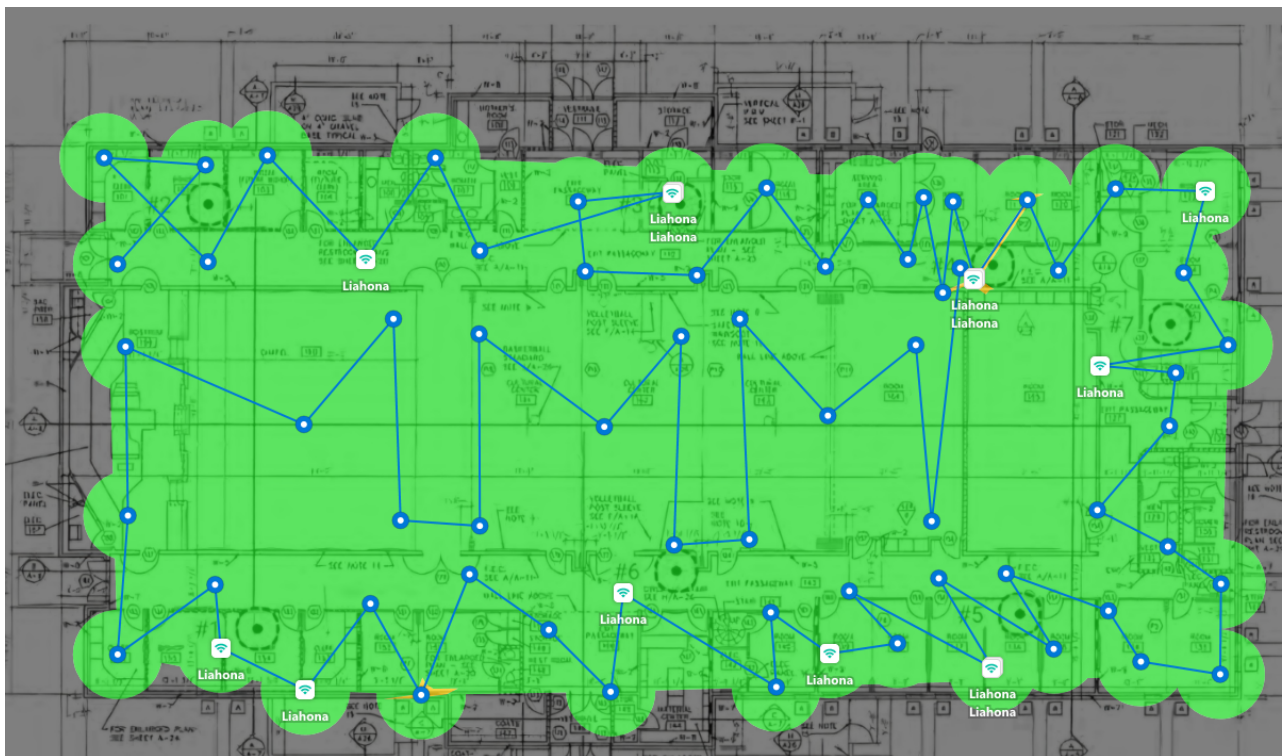
1 Mbps

Critical download speed



10 Mbps

Acceptable download speed



#	Network name	BSSID	Channel	PHY	Security	Max download speed	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	112 Mbps	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	88 Mbps	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	66 Mbps	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	39 Mbps	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	162 Mbps	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	57 Mbps	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	119 Mbps	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	186 Mbps	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	187 Mbps	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	177 Mbps	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	196 Mbps	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	169 Mbps	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	194 Mbps	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	121 Mbps	-

Visualization #1.1.16: Low upload rate



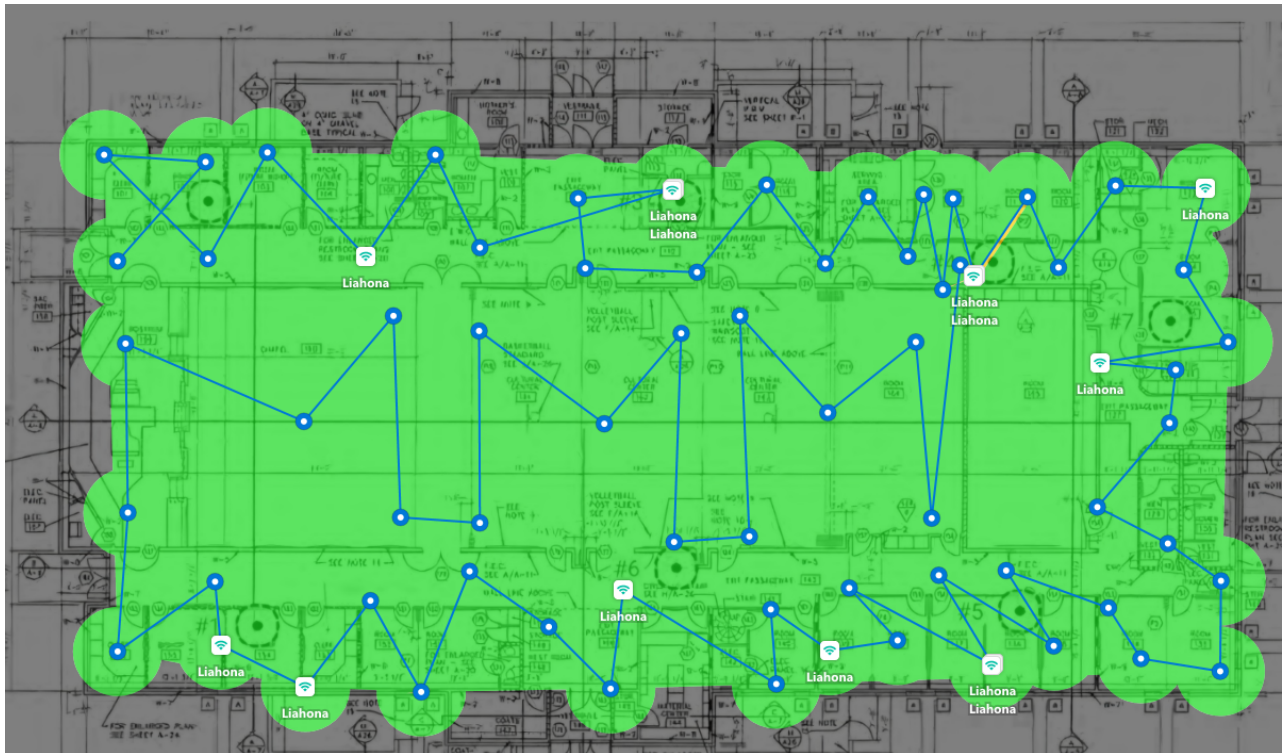
1 Mbps

Critical upload speed



5 Mbps

Acceptable upload speed



#	Network name	BSSID	Channel	PHY	Security	Max upload speed	Vendor
1	Liahona	7E:0F:81:81:26:90	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	277 Mbps	-
2	Liahona	7E:0F:81:81:27:C0	11 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	260 Mbps	-
3	Liahona	7E:0F:81:81:27:D0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	251 Mbps	-
4	Liahona	7E:0F:81:81:27:E0	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	150 Mbps	-
5	Liahona	7E:0F:81:81:29:90	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	164 Mbps	-
6	Liahona	7E:0F:81:81:29:B0	1 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	158 Mbps	-
7	Liahona	7E:0F:81:89:74:40	6 (2.4 GHz)	g/n/ax	WPA2/WPA3-Personal	441 Mbps	-
8	Liahona	7E:0F:91:81:26:90	140 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	588 Mbps	-
9	Liahona	7E:0F:91:81:27:C0	64 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	495 Mbps	-
10	Liahona	7E:0F:91:81:27:D0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	208 Mbps	-
11	Liahona	7E:0F:91:81:27:E0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	478 Mbps	-
12	Liahona	7E:0F:91:81:29:90	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	290 Mbps	-
13	Liahona	7E:0F:91:81:29:B0	44 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	185 Mbps	-
14	Liahona	7E:0F:91:89:74:40	161 (5 GHz)	n/ac/ax	WPA2/WPA3-Personal	142 Mbps	-