

Wireless Survey – Main/Braswell/TFC



Braswell-Upcoming 6

Survey routes and Access Points for Braswell-Upcoming 6



View as / Project Offset:	Measured
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Area-5 (43,045 ft²)

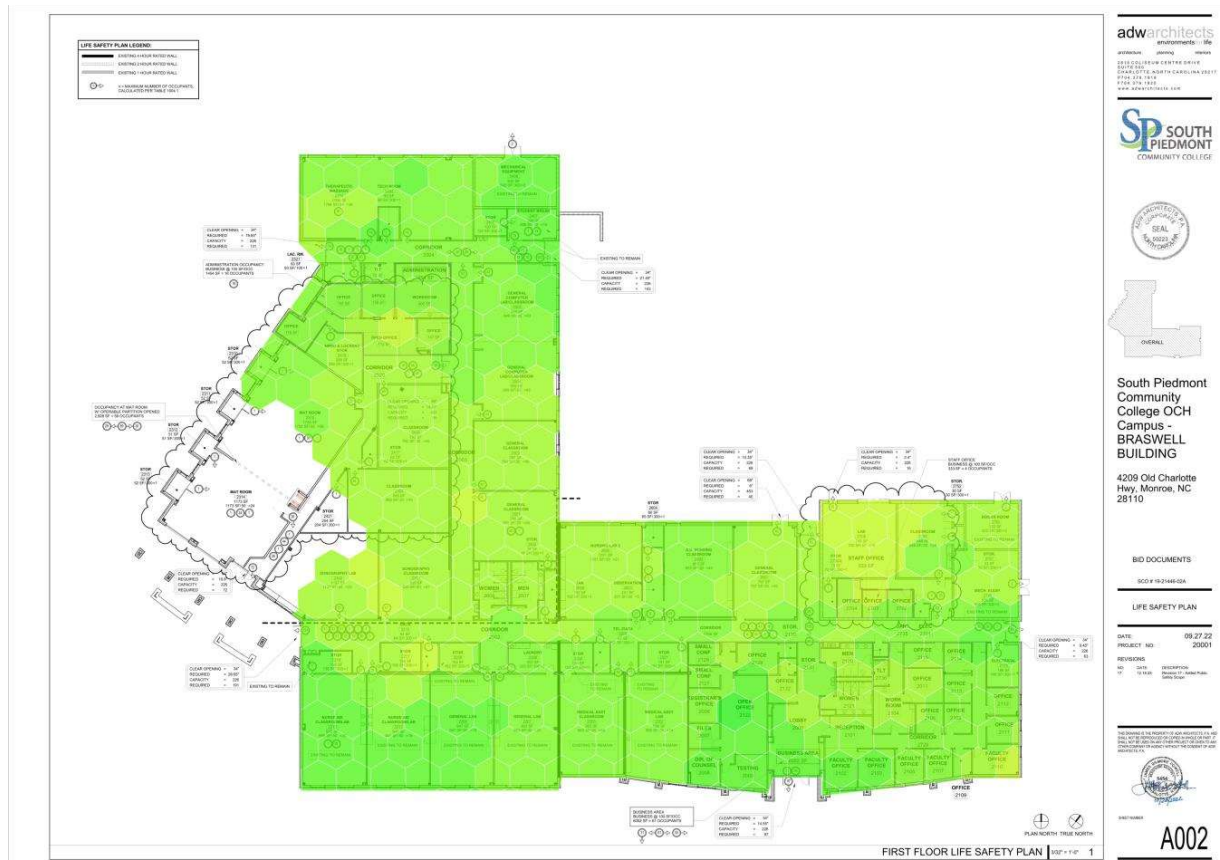
Coverage Requirement: Ekahau Best Practices	
2.4 GHz	Signal Strength Min -67.0 dBm
	Signal-to-Noise Ratio Min 20.0 dB
	Data Rate Min 24 Mbps
	Channel Interference Max 2 at min. -85.0 dBm
	Round Trip Time (RTT) Max 200 ms
	Packet Loss Max 0.0 %
5 GHz	Signal Strength Min -67.0 dBm

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	Secondary Signal Strength Min -67.0 dBm Signal-to-Noise Ratio Min 25.0 dB Data Rate Min 24 Mbps Channel Interference Max 1 at min. -85.0 dBm Round Trip Time (RTT) Max 200 ms Packet Loss Max 0.0 %
6 GHz	Signal Strength Min -67.0 dBm Secondary Signal Strength Min -67.0 dBm Signal-to-Noise Ratio Min 25.0 dB Data Rate Min 24 Mbps Channel Interference Max 1 at min. -85.0 dBm Round Trip Time (RTT) Max 200 ms Packet Loss Max 0.0 %
Capacity Requirement	No capacity devices for this area
Notes	

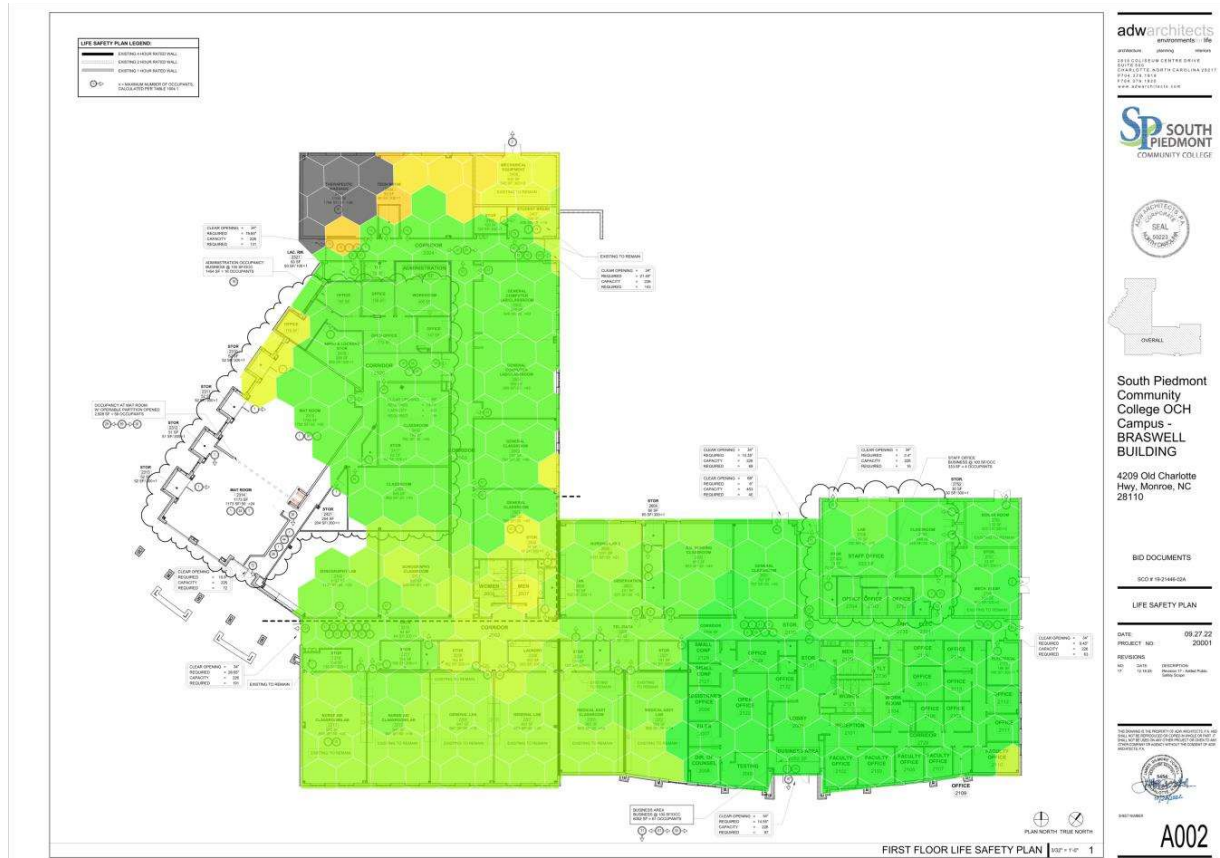
Signal Strength for Braswell-Upcoming 6 on 2.4 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



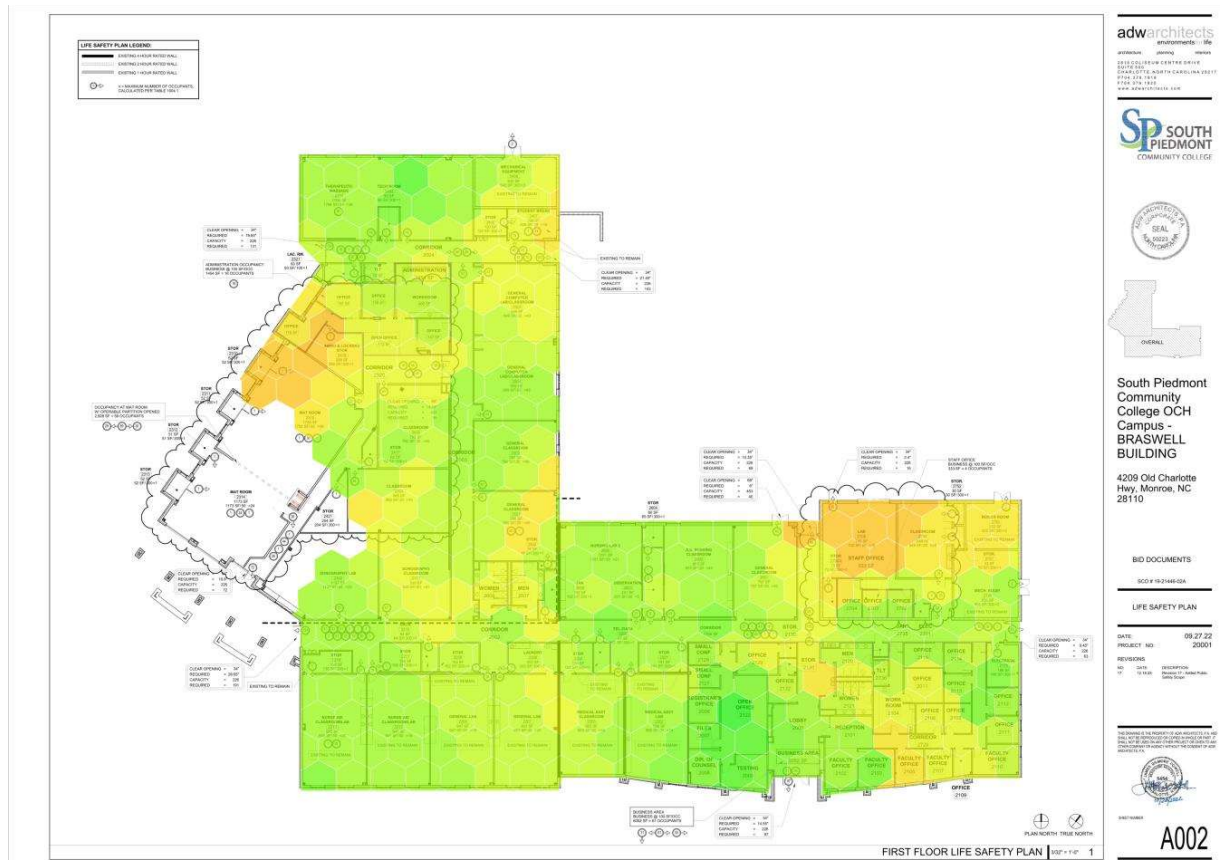
Signal Strength for Braswell-Upcoming 6 on 5 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



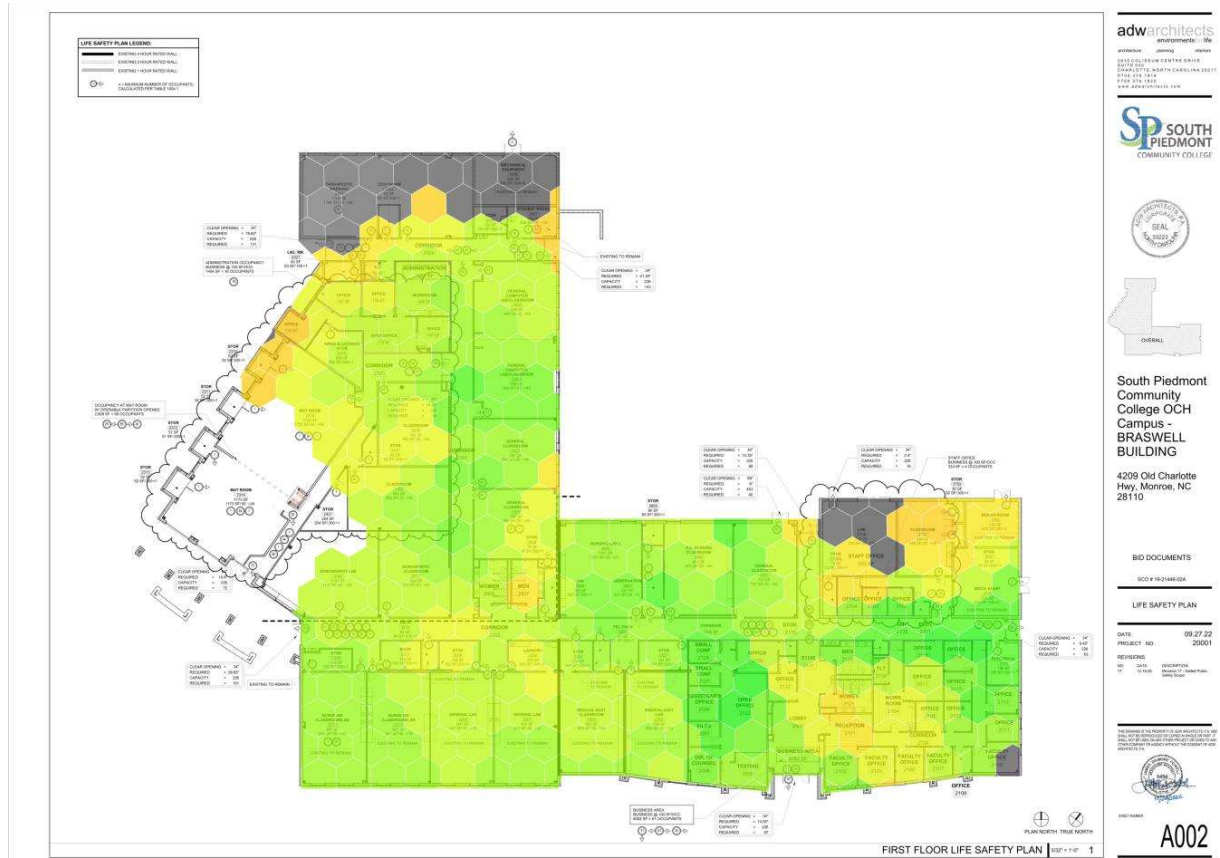
Secondary Signal Strength for Braswell-Upcoming 6 on 2.4 GHz band

Secondary Signal Strength shows the second strongest RSSI on any given location on the map. This heatmap helps to ensure smooth roaming for clients and quality of service for certain latency-sensitive applications, such as VoIP calls.



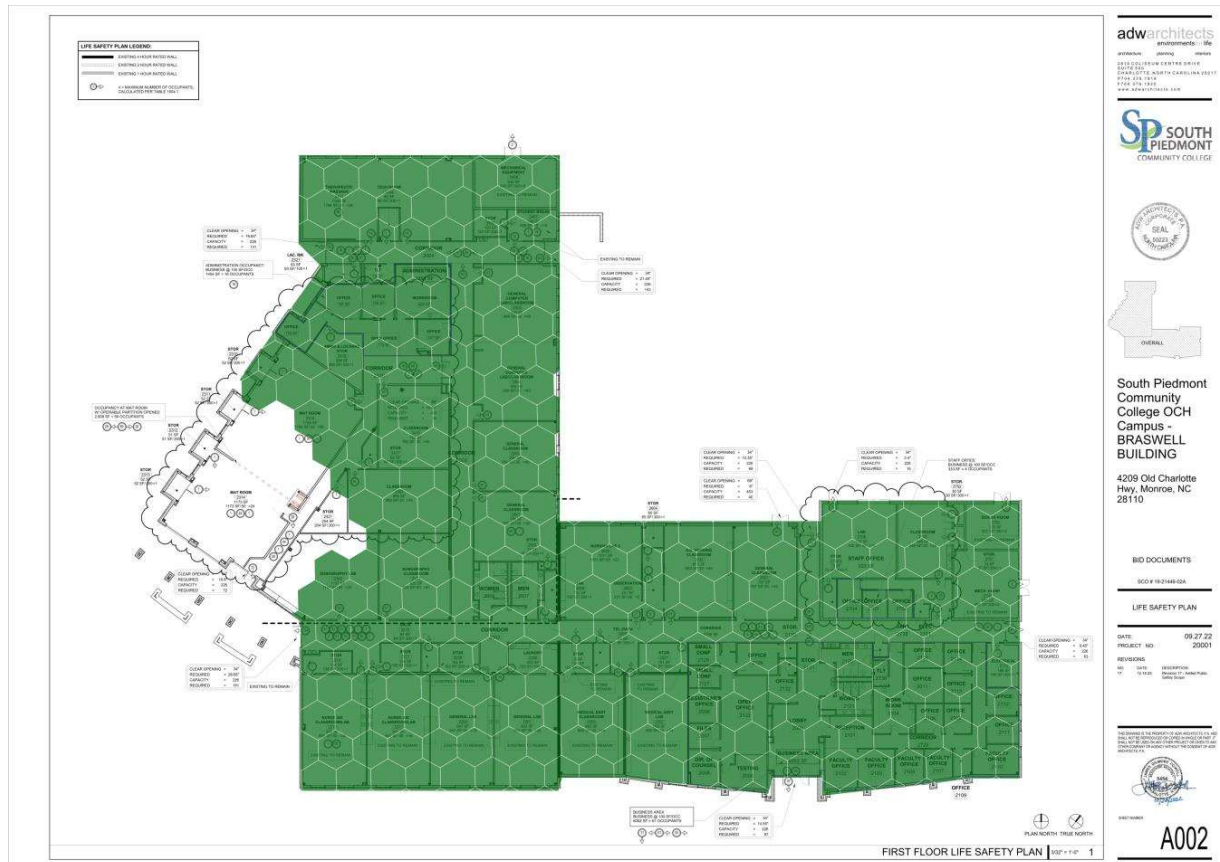
Secondary Signal Strength for Braswell-Upcoming 6 on 5 GHz band

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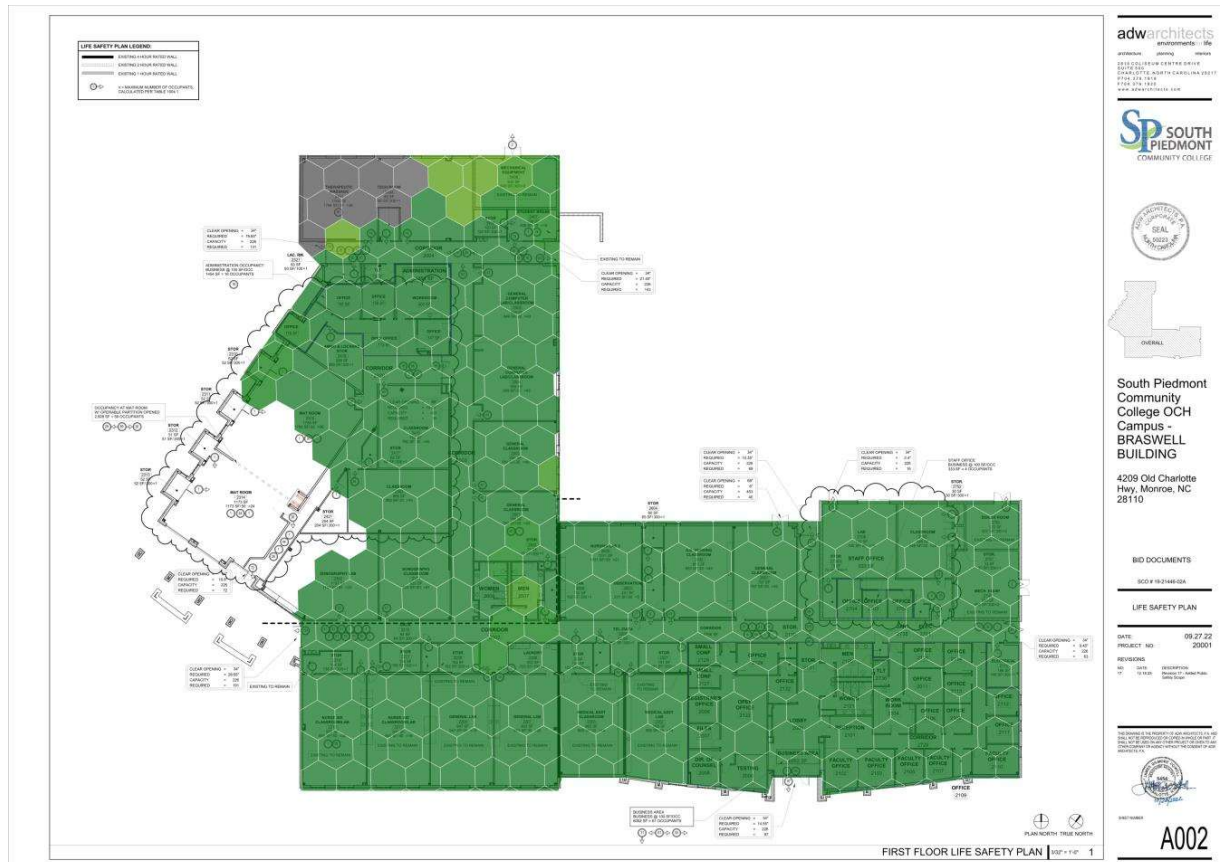
Signal To Noise Ratio (SNR) for Braswell-Upcoming 6 on 2.4 GHz band

Signal-To-Noise Ratio indicates how much the signal strength is stronger than the noise (co-channel interference). Signal must be stronger than noise (SNR greater than zero) for data transfer to be possible. If the signal is only barely stronger than noise, you may encounter occasional connection drop-offs.



Signal To Noise Ratio (SNR) for Braswell-Upcoming 6 on 5 GHz band

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Channel Interference for Braswell-Upcoming 6 on 2.4 GHz band

Channel interference indicates the number of access points overlapping at each location in a single channel.



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 COMMUNITY COLLEGE



South Piedmont
 Community
 College OCH
 Campus -
 BRASWELL
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 4209 Old Charlotte
 Hwy, Monroe, NC
 28110

BID DOCUMENTS
 SC041924862A

LIFE SAFETY PLAN

DATE: 09/27/22
 PROJECT NO: 20001

REVISIONS
 NO. DATE DESCRIPTION
 1 09/27/22 ISSUED FOR PERMIT

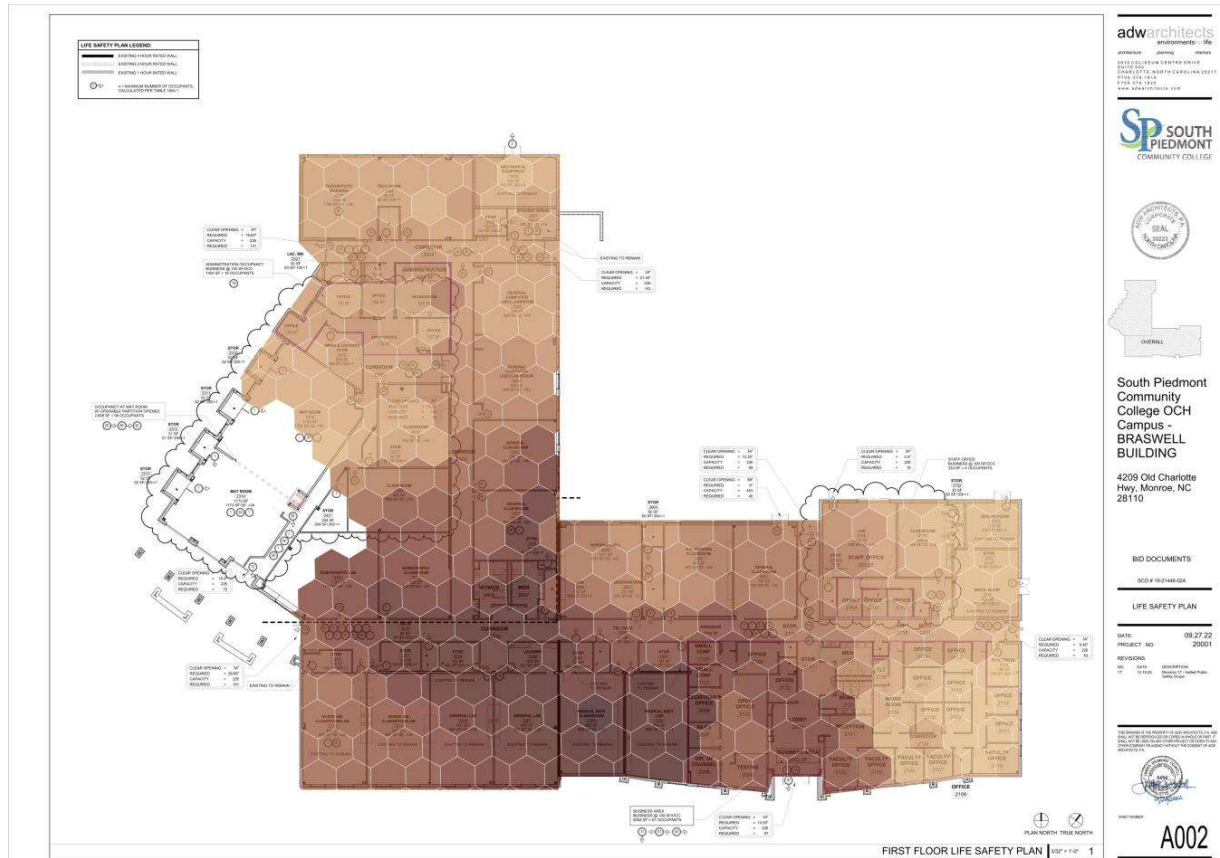


A002



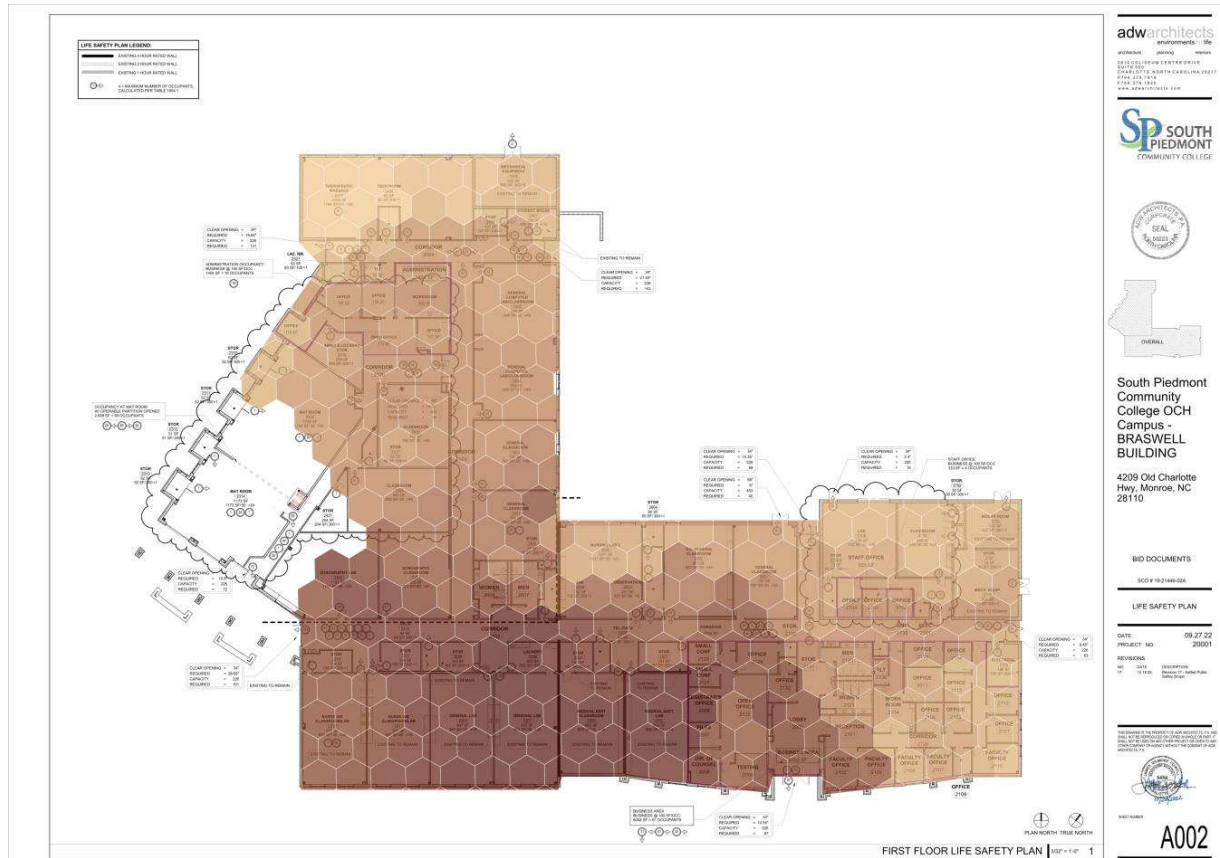
Number of APs for Braswell-Upcoming 6 on 2.4 GHz band

Number of Access Points indicates the number of access points audible at each location.



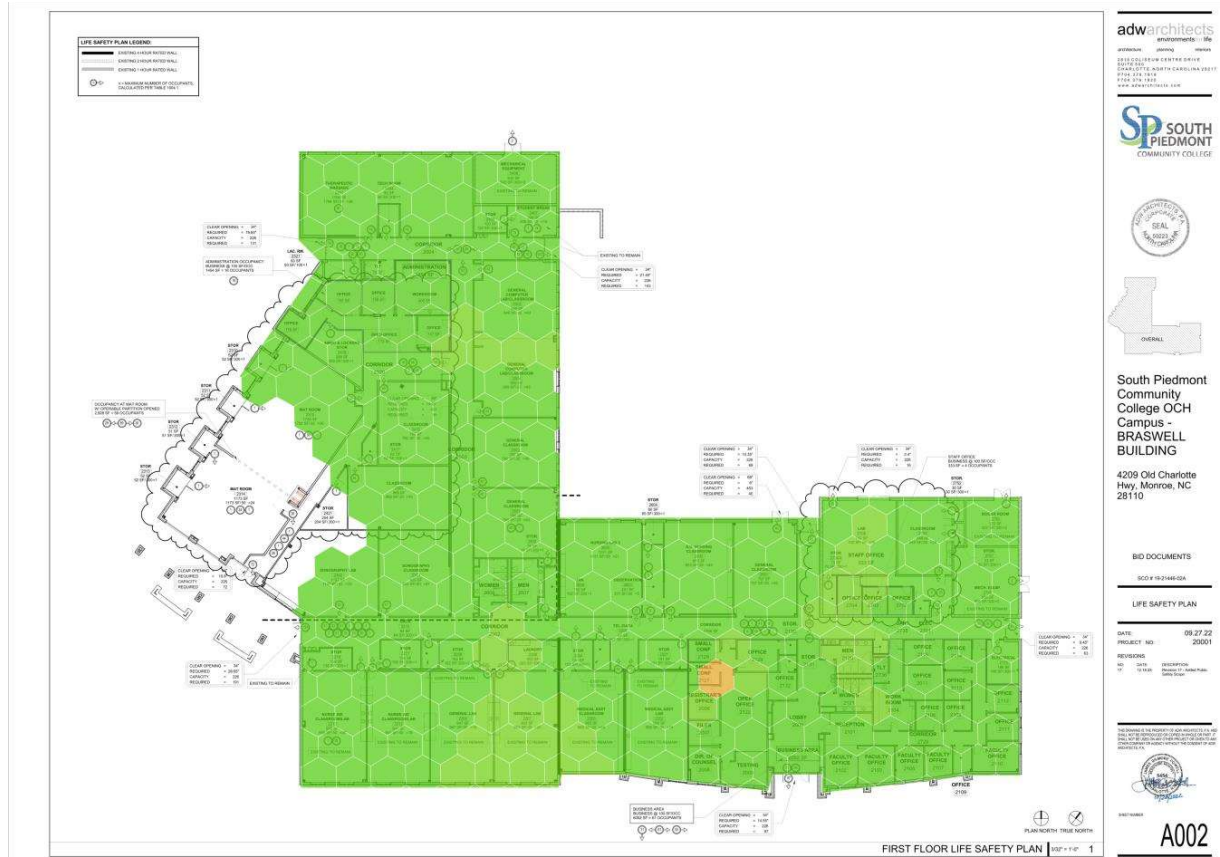
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Noise for Braswell-Upcoming 6 on 2.4 GHz band

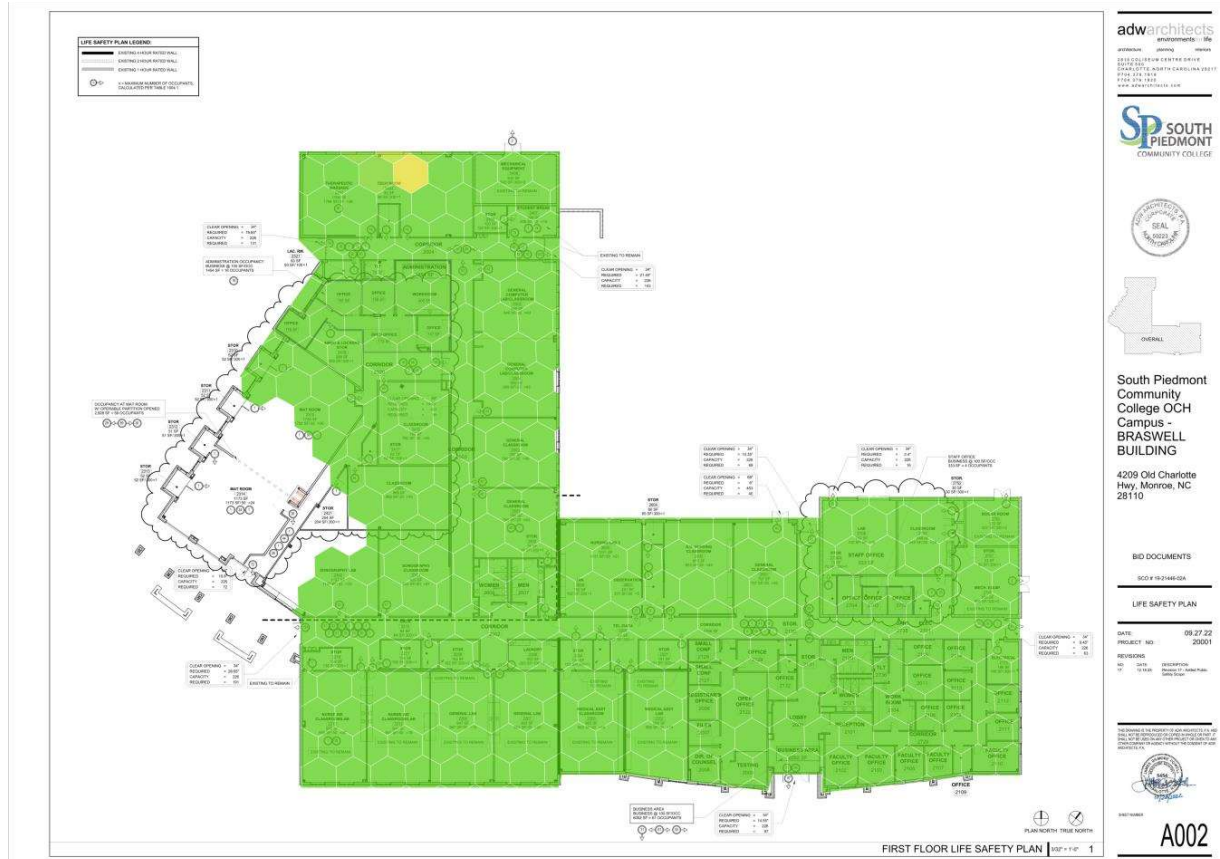
Displays the noise level in the network as measured by the network adapter.



SPCC_TFC_BRASWELL_MAIN_SURVEY

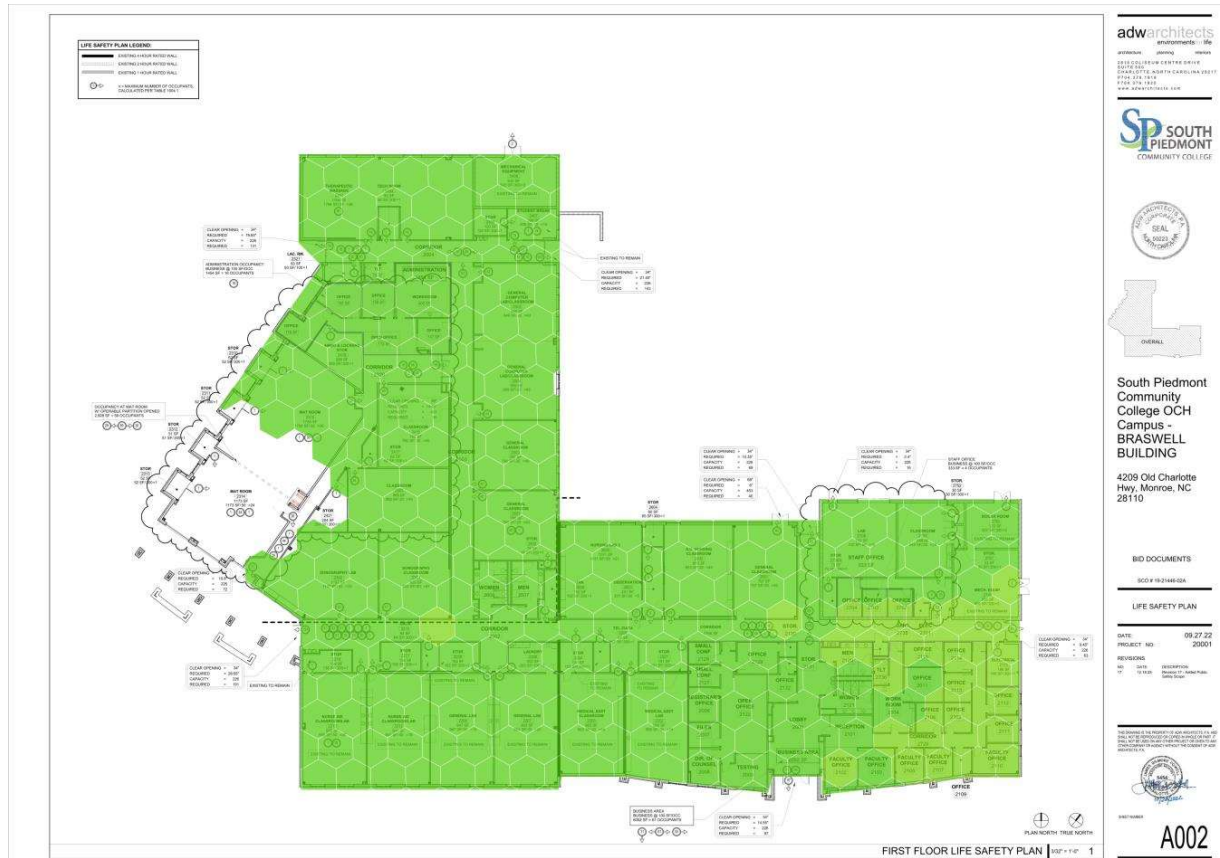
Noise for Braswell-Upcoming 6 on 5 GHz band

Displays the noise level in the network as measured by the network adapter.

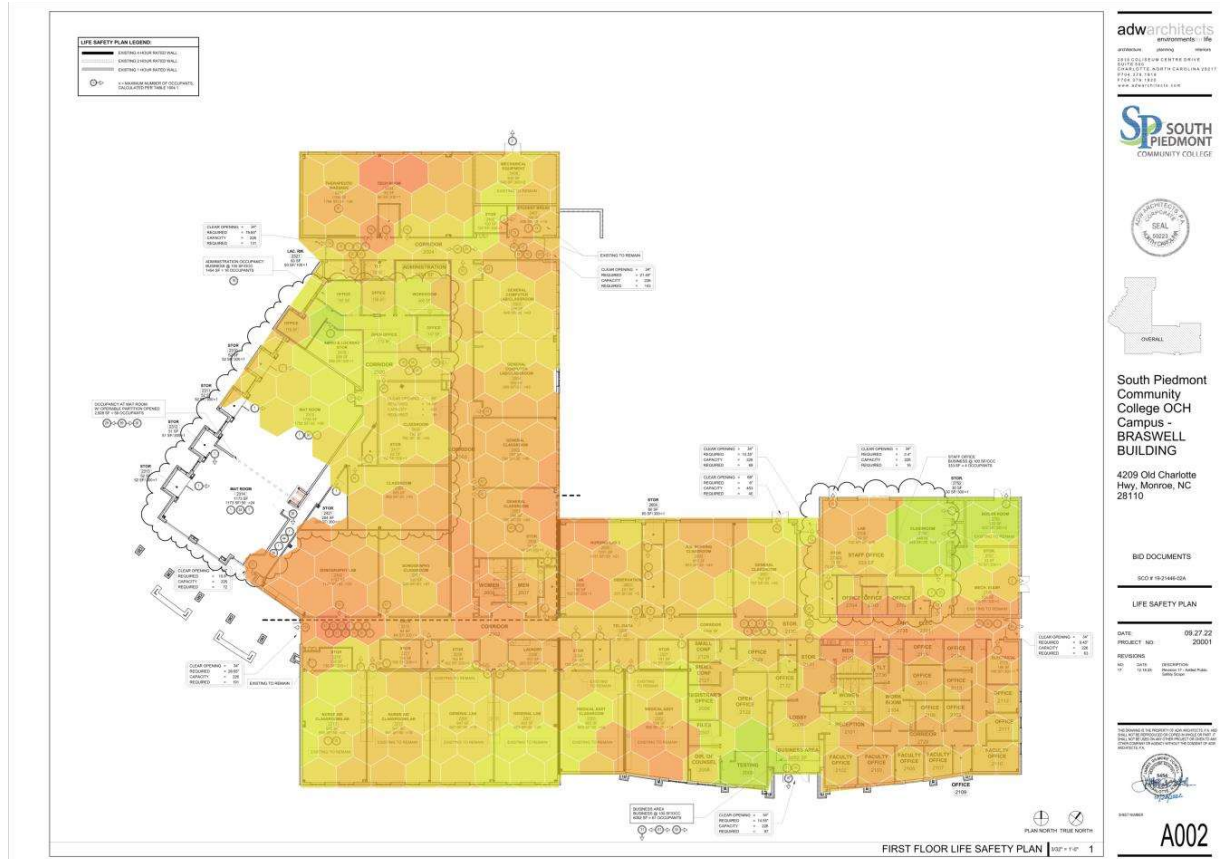


Channel Utilization for Braswell-Upcoming 6 on 5 GHz band

Channel utilization shows the share of time the spectrum power measured by spectrum analyzer high enough so that the channel can be considered as occupied.



Spectrum Channel Power for Braswell-Upcoming 6 on 5 GHz band



My Access Points on Braswell-Upcoming 6

Simulated Access Points on Braswell-Upcoming 6

None.

Measured Access Points on Braswell-Upcoming 6

AP #	Access Point			
15	Measured AP-15:4b			
	Wi-Fi 6 Wi-Fi 6	44@80 56	42:d2:c5:77:15:4b 42:d2:c5:77:15:4b	PrettyFlyForAWifi PrettyFlyForAWifi
24	OCHB-2202		Cisco	
	Wi-Fi 4	6	f8:c2:88:f8:f7:30	SPCC_W1
	Wi-Fi 4	6	f8:c2:88:f8:f7:30	
	Wi-Fi 4	6	f8:c2:88:f8:f7:31	SPCC_S1
	Wi-Fi 4	6	f8:c2:88:f8:f7:31	
	Wi-Fi 4	6	f8:c2:88:f8:f7:32	
	Wi-Fi 4	6	f8:c2:88:f8:f7:35	SPCC_Mac
	Wi-Fi 4	6	f8:c2:88:f8:f7:36	SPCC_Guest
	Wi-Fi 4	6	f8:c2:88:f8:f7:37	SPCC_D1
	Wi-Fi 4	6	f8:c2:88:f8:f7:38	
Wi-Fi 4	6	f8:c2:88:f8:f7:39	SPCC_P1	
Wi-Fi 4	6	f8:c2:88:f8:f7:3a	HVAC-OCH Ring	
24	Wi-Fi 5	44	f8:c2:88:f8:f7:36	HVAC-OCH
	Wi-Fi 5	44	f8:c2:88:f8:f7:37	SPCC_P1
	Wi-Fi 5	44	f8:c2:88:f8:f7:38	
	Wi-Fi 5	44	f8:c2:88:f8:f7:39	
	Wi-Fi 5	44	f8:c2:88:f8:f7:3a	SPCC_D1
	Wi-Fi 5	44	f8:c2:88:f8:f7:3d	SPCC_Guest
	Wi-Fi 5	44	f8:c2:88:f8:f7:3e	SPCC_Mac
	Wi-Fi 5	44	f8:c2:88:f8:f7:3e	SPCC_S1
25	OCHB-2208		Cisco	
	Wi-Fi 4	11	50:87:89:af:17:f0	
	Wi-Fi 4	11	50:87:89:af:17:f1	
	Wi-Fi 4	11	50:87:89:af:17:f2	
	Wi-Fi 4	11	50:87:89:af:17:f5	SPCC_Mac
	Wi-Fi 4	11	50:87:89:af:17:f6	SPCC_Guest
	Wi-Fi 4	11	50:87:89:af:17:f7	SPCC_D1
	Wi-Fi 4	11	50:87:89:af:17:f8	
	Wi-Fi 4	11	50:87:89:af:17:f9	SPCC_P1
	Wi-Fi 4	11	50:87:89:af:17:fa	HVAC-OCH Ring
25	Wi-Fi 5	64	50:87:89:af:17:f6	HVAC-OCH
	Wi-Fi 5	64	50:87:89:af:17:f7	SPCC_P1
	Wi-Fi 5	64	50:87:89:af:17:f8	
	Wi-Fi 5	64	50:87:89:af:17:f9	SPCC_D1
	Wi-Fi 5	64	50:87:89:af:17:fa	SPCC_Guest

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	64 64 64	50:87:89:af:17:fd 50:87:89:af:17:fe 50:87:89:af:17:ff	SPCC_Mac
26	OCHB-2213		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	6 6 6 6 6 6 6 6 6	f4:0f:1b:5f:a4:d0 f4:0f:1b:5f:a4:d1 f4:0f:1b:5f:a4:d1 f4:0f:1b:5f:a4:d2 f4:0f:1b:5f:a4:d5 f4:0f:1b:5f:a4:d6 f4:0f:1b:5f:a4:d7 f4:0f:1b:5f:a4:d8 f4:0f:1b:5f:a4:d9 f4:0f:1b:5f:a4:da	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH Ring
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	52 52 52 52 52 52 52 52 52	f4:0f:1b:5f:a4:d6 f4:0f:1b:5f:a4:d7 f4:0f:1b:5f:a4:d8 f4:0f:1b:5f:a4:d9 f4:0f:1b:5f:a4:da f4:0f:1b:5f:a4:dd f4:0f:1b:5f:a4:de f4:0f:1b:5f:a4:de f4:0f:1b:5f:a4:df	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
27	OCHB-2302		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	1 1 1 1 1 1 1 1 1	f8:c2:88:bc:a5:70 f8:c2:88:bc:a5:71 f8:c2:88:bc:a5:71 f8:c2:88:bc:a5:72 f8:c2:88:bc:a5:75 f8:c2:88:bc:a5:76 f8:c2:88:bc:a5:77 f8:c2:88:bc:a5:78 f8:c2:88:bc:a5:79 f8:c2:88:bc:a5:7a	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH Ring
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	44 44 44 44 44 44 44 44	f8:c2:88:bc:a5:76 f8:c2:88:bc:a5:77 f8:c2:88:bc:a5:78 f8:c2:88:bc:a5:79 f8:c2:88:bc:a5:7a f8:c2:88:bc:a5:7d f8:c2:88:bc:a5:7e f8:c2:88:bc:a5:7e f8:c2:88:bc:a5:7f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
28	OCHB-2404		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	1 1 1 1	7c:0e:ce:0e:ff:a0 7c:0e:ce:0e:ff:a1 7c:0e:ce:0e:ff:a2 7c:0e:ce:0e:ff:a5	SPCC_Mac SPCC_Guest

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4	1	7c:0e:ce:0e:ff:a6	SPCC_D1
	Wi-Fi 4	1	7c:0e:ce:0e:ff:a7	
	Wi-Fi 4	1	7c:0e:ce:0e:ff:a8	SPCC_P1
	Wi-Fi 4	1	7c:0e:ce:0e:ff:a9	HVAC-OCH
	Wi-Fi 4	1	7c:0e:ce:0e:ff:aa	Ring
	Wi-Fi 5	64	7c:0e:ce:0e:ff:a6	HVAC-OCH
	Wi-Fi 5	64	7c:0e:ce:0e:ff:a7	SPCC_P1
	Wi-Fi 5	64	7c:0e:ce:0e:ff:a8	
	Wi-Fi 5	64	7c:0e:ce:0e:ff:a9	SPCC_D1
	Wi-Fi 5	64	7c:0e:ce:0e:ff:aa	SPCC_Guest
	Wi-Fi 5	64	7c:0e:ce:0e:ff:ad	SPCC_Mac
	Wi-Fi 5	64	7c:0e:ce:0e:ff:ae	
	Wi-Fi 5	64	7c:0e:ce:0e:ff:af	
29	OCHB-2501		Cisco	
	Wi-Fi 4	6	f4:0f:1b:58:0a:a0	SPCC_S1
	Wi-Fi 4	6	f4:0f:1b:58:0a:a1	
	Wi-Fi 4	6	f4:0f:1b:58:0a:a1	
	Wi-Fi 4	6	f4:0f:1b:58:0a:a2	
	Wi-Fi 4	6	f4:0f:1b:58:0a:a5	SPCC_Mac
	Wi-Fi 4	6	f4:0f:1b:58:0a:a6	SPCC_Guest
	Wi-Fi 4	6	f4:0f:1b:58:0a:a7	SPCC_D1
	Wi-Fi 4	6	f4:0f:1b:58:0a:a8	
	Wi-Fi 4	6	f4:0f:1b:58:0a:a9	SPCC_P1
	Wi-Fi 4	6	f4:0f:1b:58:0a:aa	HVAC-OCH
	Wi-Fi 4	6	f4:0f:1b:58:0a:aa	Ring
	Wi-Fi 5	56	f4:0f:1b:58:0a:a6	HVAC-OCH
	Wi-Fi 5	56	f4:0f:1b:58:0a:a7	SPCC_P1
	Wi-Fi 5	56	f4:0f:1b:58:0a:a8	
	Wi-Fi 5	56	f4:0f:1b:58:0a:a9	
	Wi-Fi 5	56	f4:0f:1b:58:0a:aa	SPCC_D1
	Wi-Fi 5	56	f4:0f:1b:58:0a:ad	SPCC_Guest
	Wi-Fi 5	56	f4:0f:1b:58:0a:ae	SPCC_Mac
	Wi-Fi 5	56	f4:0f:1b:58:0a:ae	SPCC_S1
	Wi-Fi 5	56	f4:0f:1b:58:0a:af	
30	OCHB-2503		Cisco	
	Wi-Fi 4	1	f4:0f:1b:26:12:40	SPCC_S1
	Wi-Fi 4	1	f4:0f:1b:26:12:41	
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	Wi-Fi 4	1	f4:0f:1b:26:12:45	SPCC_Mac
	Wi-Fi 4	1	f4:0f:1b:26:12:46	SPCC_Guest
	Wi-Fi 4	1	f4:0f:1b:26:12:47	SPCC_D1
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	Wi-Fi 4	1	f4:0f:1b:26:12:49	SPCC_P1
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	Wi-Fi 4	1	f4:0f:1b:26:12:4a	Ring
	Wi-Fi 5	48	f4:0f:1b:26:12:46	HVAC-OCH
	Wi-Fi 5	48	f4:0f:1b:26:12:47	SPCC_P1
	Wi-Fi 5	48	f4:0f:1b:26:12:48	
	Wi-Fi 5	48	f4:0f:1b:26:12:49	SPCC_D1
	Wi-Fi 5	48	f4:0f:1b:26:12:4a	SPCC_Guest

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	48 48 48	f4:0f:1b:26:12:4d f4:0f:1b:26:12:4e f4:0f:1b:26:12:4f	SPCC_Mac
31	OCHB-2504		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11	f4:0f:1b:5f:a6:70 f4:0f:1b:5f:a6:71 f4:0f:1b:5f:a6:72 f4:0f:1b:5f:a6:75 f4:0f:1b:5f:a6:76 f4:0f:1b:5f:a6:77 f4:0f:1b:5f:a6:78 f4:0f:1b:5f:a6:79 f4:0f:1b:5f:a6:7a	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH Ring
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	40 40 40 40 40 40 40 40	f4:0f:1b:5f:a6:76 f4:0f:1b:5f:a6:77 f4:0f:1b:5f:a6:78 f4:0f:1b:5f:a6:79 f4:0f:1b:5f:a6:7a f4:0f:1b:5f:a6:7d f4:0f:1b:5f:a6:7e f4:0f:1b:5f:a6:7e f4:0f:1b:5f:a6:7f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
32	OCHB-2602		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11	f8:c2:88:d0:ba:00 f8:c2:88:d0:ba:01 f8:c2:88:d0:ba:02 f8:c2:88:d0:ba:05 f8:c2:88:d0:ba:06 f8:c2:88:d0:ba:07 f8:c2:88:d0:ba:08 f8:c2:88:d0:ba:09 f8:c2:88:d0:ba:0a	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH Ring
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	52 52 52 52 52 52 52	f8:c2:88:d0:ba:06 f8:c2:88:d0:ba:07 f8:c2:88:d0:ba:08 f8:c2:88:d0:ba:09 f8:c2:88:d0:ba:0a f8:c2:88:d0:ba:0d f8:c2:88:d0:ba:0e f8:c2:88:d0:ba:0f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
33	OCHB-2605		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	1 1 1 1 1 1 1	50:87:89:e3:38:f0 50:87:89:e3:38:f0 50:87:89:e3:38:f1 50:87:89:e3:38:f1 50:87:89:e3:38:f2 50:87:89:e3:38:f5 50:87:89:e3:38:f6	SPCC_W1 SPCC_S1 SPCC_D1 SPCC_Guest

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4 Wi-Fi 4	1 1	50:87:89:e3:38:f7 50:87:89:e3:38:f8	HVAC-OCH SPCC_P1
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	60 60 60 60 60 60	50:87:89:e3:38:f7 50:87:89:e3:38:f8 50:87:89:e3:38:f9 50:87:89:e3:38:fa 50:87:89:e3:38:fd 50:87:89:e3:38:fe 50:87:89:e3:38:ff	SPCC_P1 HVAC-OCH SPCC_Guest SPCC_D1
34	OCHB-Hallway		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	1 1 1 1 1 1 1 1 1 1	f0:7f:06:8f:9d:80 f0:7f:06:8f:9d:80 f0:7f:06:8f:9d:81 f0:7f:06:8f:9d:81 f0:7f:06:8f:9d:82 f0:7f:06:8f:9d:85 f0:7f:06:8f:9d:86 f0:7f:06:8f:9d:87 f0:7f:06:8f:9d:88 f0:7f:06:8f:9d:89 f0:7f:06:8f:9d:8a	SPCC_W1 SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH Ring
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	56 56 56 56 56 56 56 56	f0:7f:06:8f:9d:86 f0:7f:06:8f:9d:87 f0:7f:06:8f:9d:88 f0:7f:06:8f:9d:89 f0:7f:06:8f:9d:8a f0:7f:06:8f:9d:8d f0:7f:06:8f:9d:8e f0:7f:06:8f:9d:8f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
35	OCHB-Outside-br		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11	a0:3d:6e:8b:82:a0 a0:3d:6e:8b:82:a1 a0:3d:6e:8b:82:a2 a0:3d:6e:8b:82:a5 a0:3d:6e:8b:82:a6 a0:3d:6e:8b:82:a7 a0:3d:6e:8b:82:a8	SPCC_D1 SPCC_Guest HVAC-OCH SPCC_P1
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	60 60 60 60 60 60	a0:3d:6e:8b:82:a7 a0:3d:6e:8b:82:a8 a0:3d:6e:8b:82:a9 a0:3d:6e:8b:82:aa a0:3d:6e:8b:82:ad a0:3d:6e:8b:82:ae a0:3d:6e:8b:82:af	SPCC_P1 HVAC-OCH SPCC_Guest SPCC_D1

Other Access Points on Braswell-Upcoming 6

Simulated Access Points on Braswell-Upcoming 6

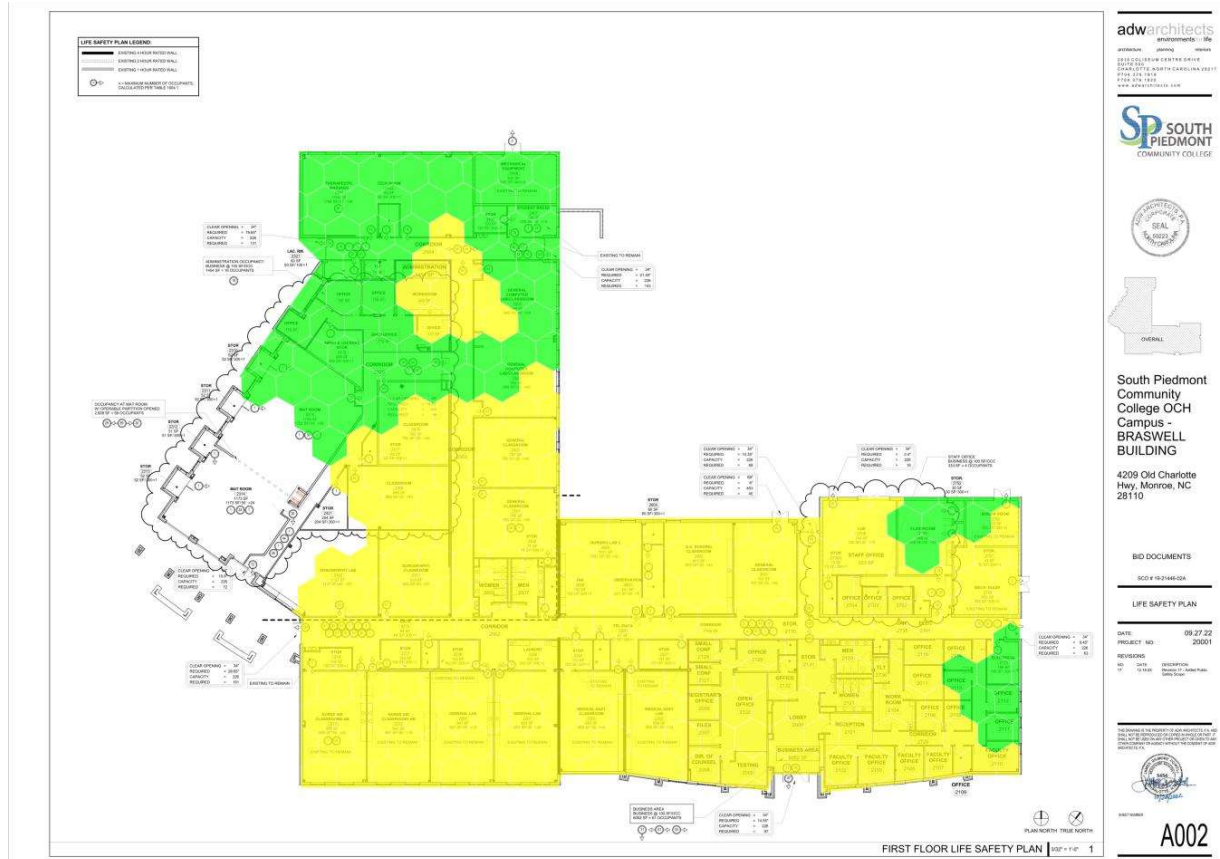
None.

Measured Access Points on Braswell-Upcoming 6

AP #	Access Point			
16	Measured AP-45:c4			
	Wi-Fi 5	153@80	82:af:ca:22:45:c6	
17	Measured AP-45:c4			
	Wi-Fi 4	9	82:af:ca:22:45:c4	
18	Measured AP-45:c4			Shenzhen Cudy
	Wi-Fi 4	9	80:af:ca:02:45:c4	GaumardZ2404199
	Wi-Fi 5	153@80	80:af:ca:02:45:c6	GaumardZ2404199
19	Measured AP-5f:d6			NetGear
	Wi-Fi 4	4	34:98:b5:60:5f:d6	NETGEAR_11N
	Wi-Fi 5	149@80	34:98:b5:60:5f:da	NETGEAR_11AC
20	Measured AP-73:e4			Belkin
	Wi-Fi 4	11	80:69:1a:69:73:e4	GaumardS2406090
21	Measured AP-79:c4			Tp-Link
	Wi-Fi 4	9@40	b0:a7:b9:99:79:c4	GaumardF2211515
22	Measured AP-a4:0d			Espressif
	Wi-Fi 4	1@40	90:38:0c:ec:a4:0d	Luvis-0065
23	Measured AP-af:9d			Espressif
	Wi-Fi 4	1@40	0c:8b:95:4e:af:9d	Luvis-0060

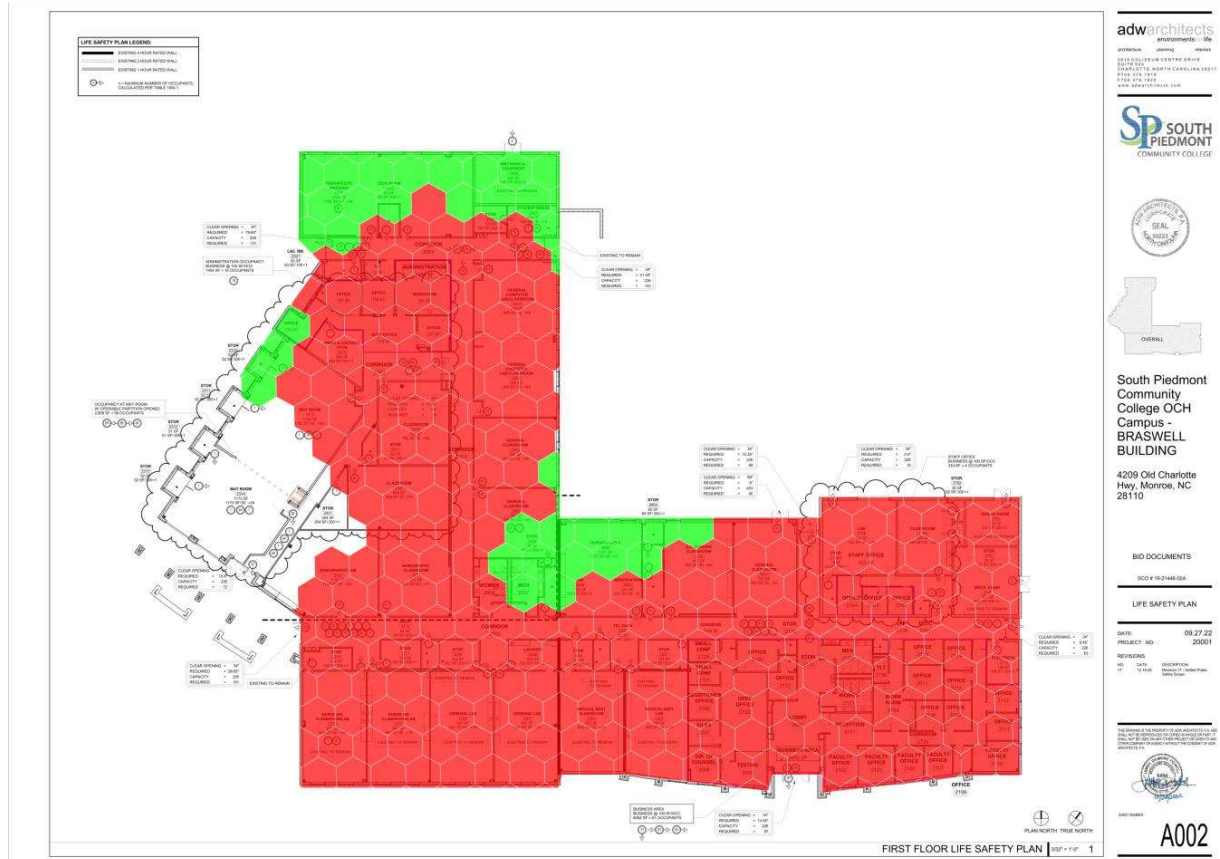
Channel Width for Braswell-Upcoming 6 on 2.4 GHz band

Shows the maximum channel width available in each area.



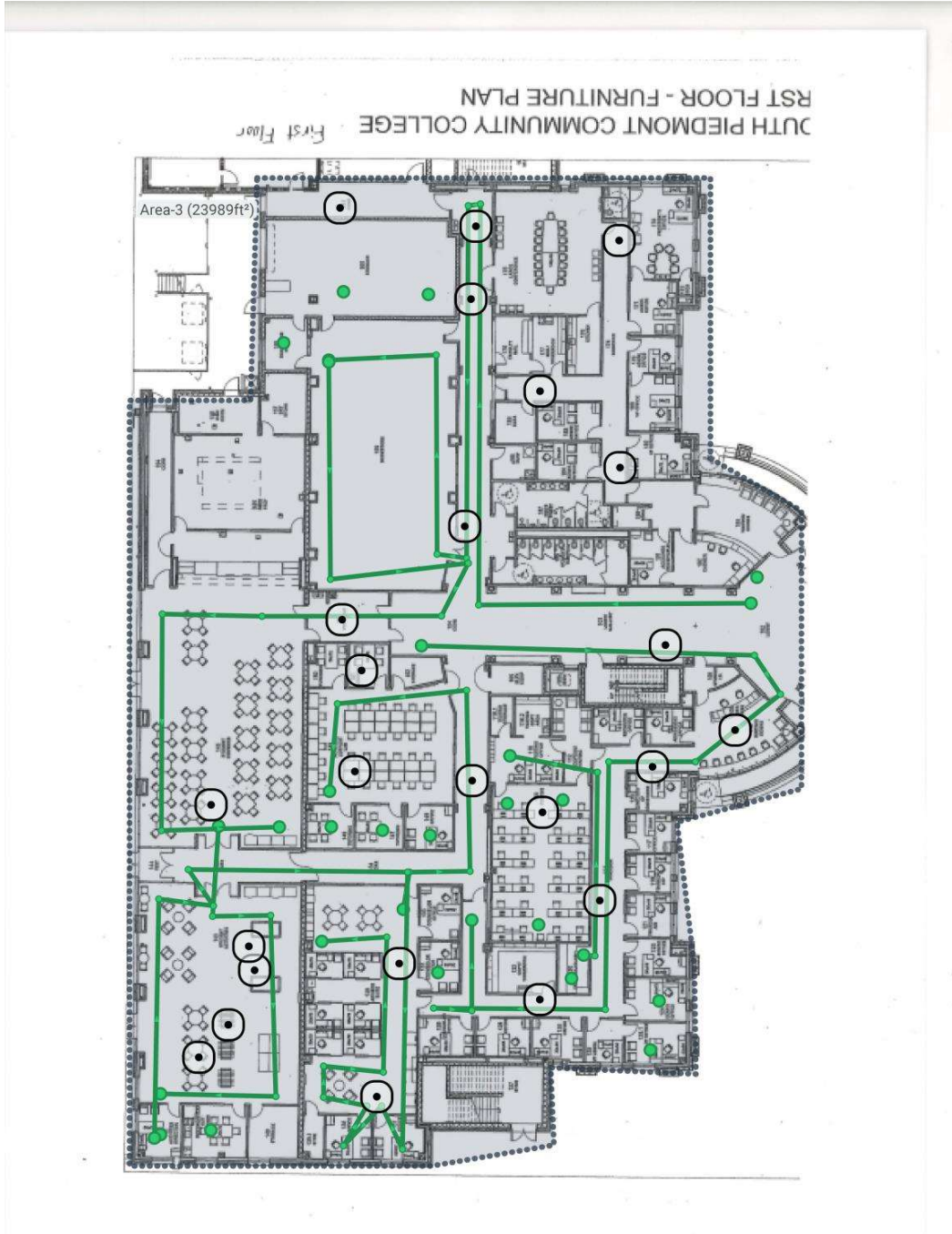
Channel Width for Braswell-Upcoming 6 on 5 GHz band

Shows the maximum channel width available in each area.



Main-1st-Floor 1

Survey routes and Access Points for Main-1st-Floor 1



View as / Project Offset:	Measured
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Area-3 (23,989 ft²)

SPCC_TFC_BRASWELL_MAIN_SURVEY

Coverage Requirement: Ekahau Best Practices		
2.4 GHz	Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	20.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	2 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
	Packet Loss Max	0.0 %
5 GHz	Signal Strength Min	-67.0 dBm
	Secondary Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	25.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	1 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
	Packet Loss Max	0.0 %
6 GHz	Signal Strength Min	-67.0 dBm
	Secondary Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	25.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	1 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
	Packet Loss Max	0.0 %
Capacity Requirement	No capacity devices for this area	
Notes		

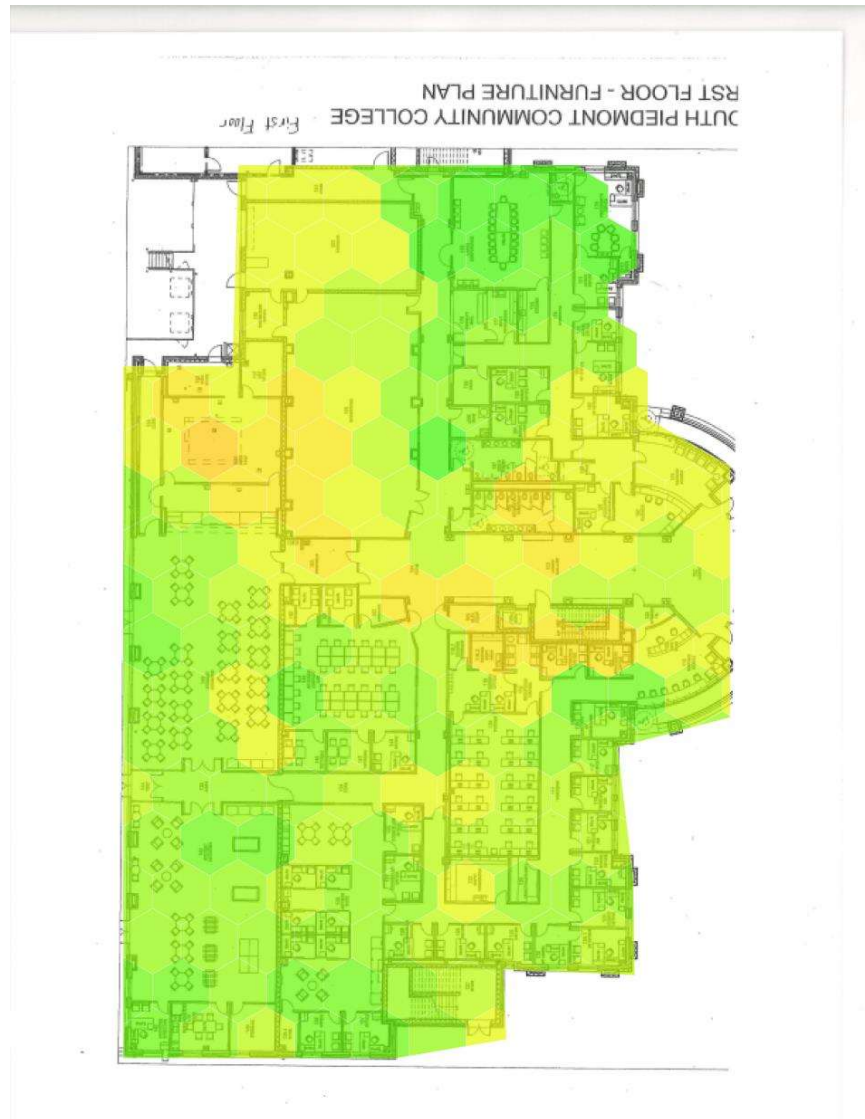
Signal Strength for Main-1st-Floor 1 on 2.4 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



Signal Strength for Main-1st-Floor 1 on 5 GHz band

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Secondary Signal Strength for Main-1st-Floor 1 on 2.4 GHz band

Secondary Signal Strength shows the second strongest RSSI on any given location on the map. This heatmap helps to ensure smooth roaming for clients and quality of service for certain latency-sensitive applications, such as VoIP calls.



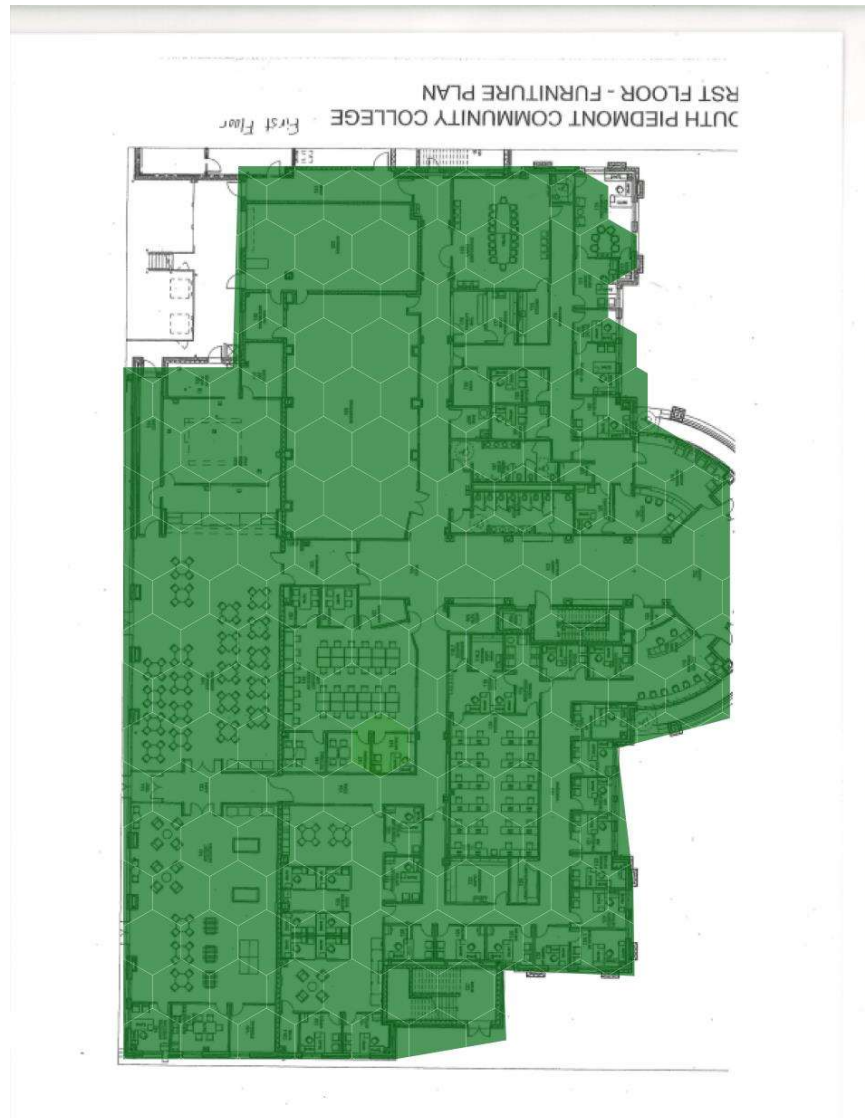
Secondary Signal Strength for Main-1st-Floor 1 on 5 GHz band

Secondary Signal Strength shows the second strongest RSSI on any given location on the map. This heatmap helps to ensure smooth roaming for clients and quality of service for certain latency-sensitive applications, such as VoIP calls.



Signal To Noise Ratio (SNR) for Main-1st-Floor 1 on 2.4 GHz band

Signal-To-Noise Ratio indicates how much the signal strength is stronger than the noise (co-channel interference). Signal must be stronger than noise (SNR greater than zero) for data transfer to be possible. If the signal is only barely stronger than noise, you may encounter occasional connection drop-offs.



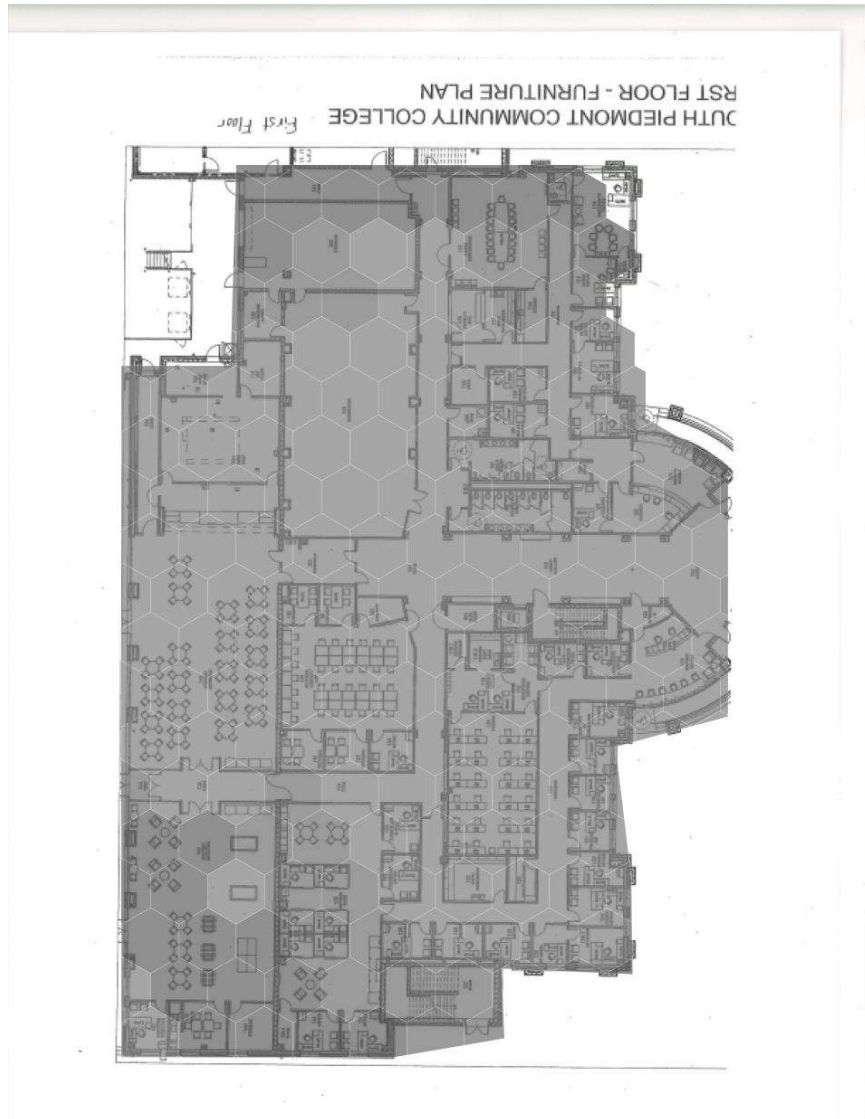
Signal To Noise Ratio (SNR) for Main-1st-Floor 1 on 5 GHz band

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Channel Interference for Main-1st-Floor 1 on 2.4 GHz band

Channel interference indicates the number of access points overlapping at each location in a single channel.



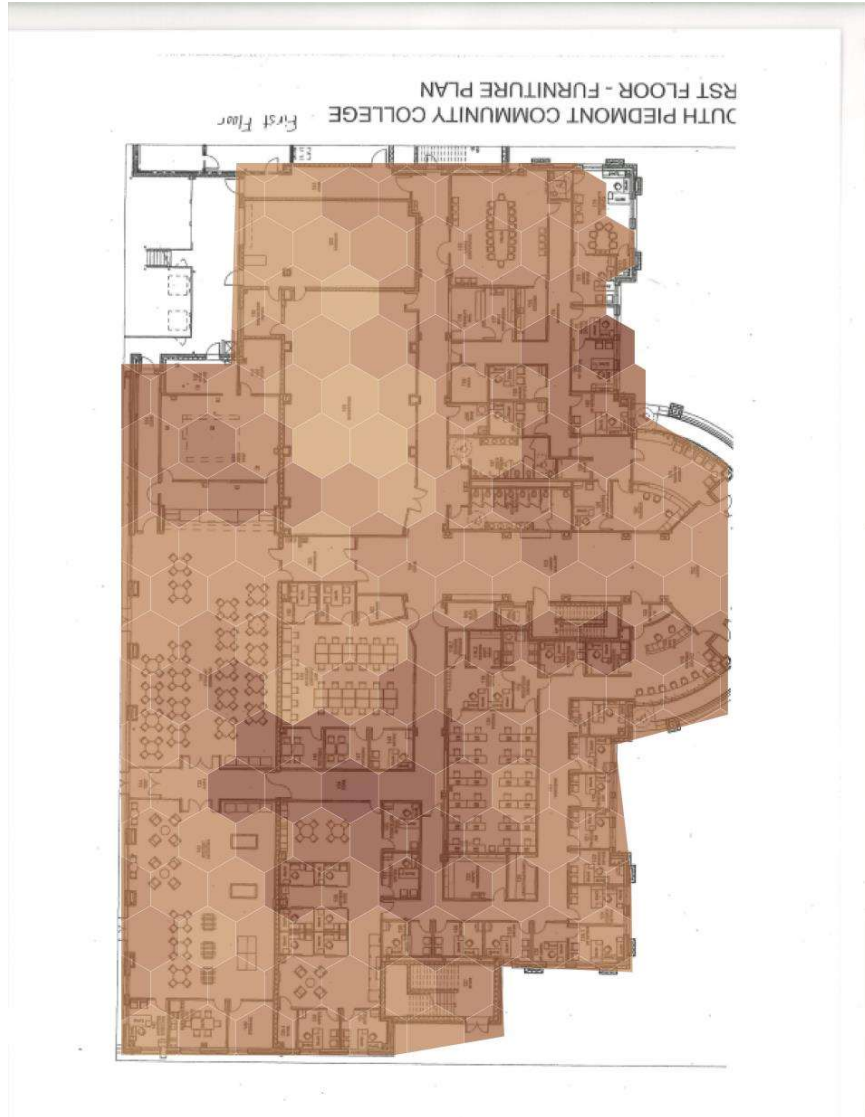
Channel Interference for Main-1st-Floor 1 on 5 GHz band

Channel interference indicates the number of access points overlapping at each location in a single channel.



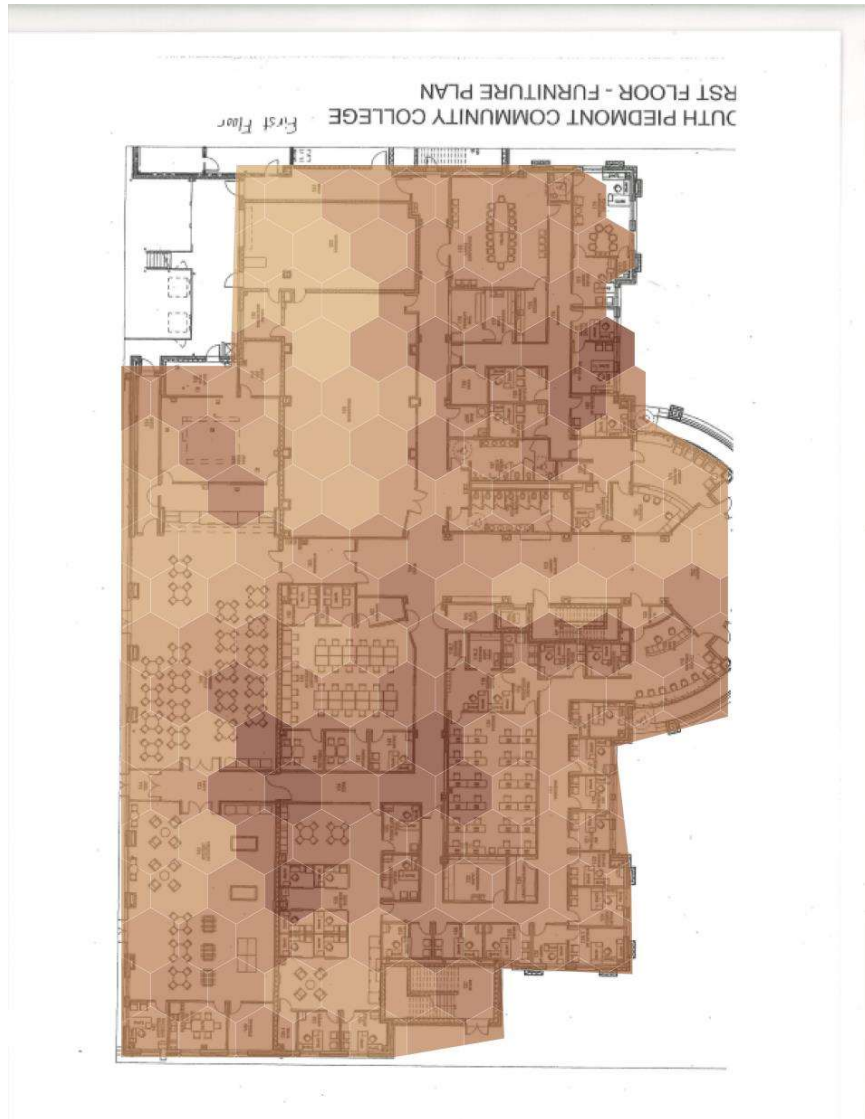
Number of APs for Main-1st-Floor 1 on 2.4 GHz band

Number of Access Points indicates the number of access points audible at each location.



Number of APs for Main-1st-Floor 1 on 5 GHz band

Number of Access Points indicates the number of access points audible at each location.



Noise for Main-1st-Floor 1 on 2.4 GHz band

Displays the noise level in the network as measured by the network adapter.



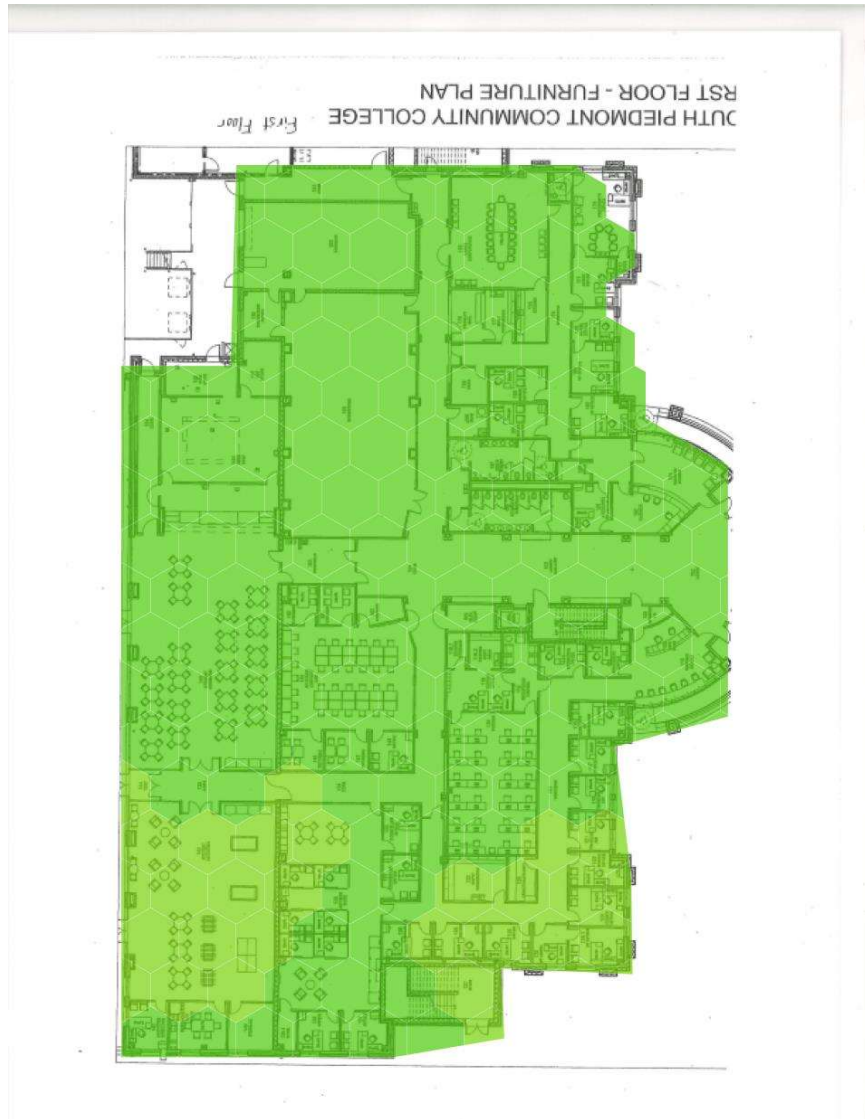
Noise for Main-1st-Floor 1 on 5 GHz band

Displays the noise level in the network as measured by the network adapter.



Channel Utilization for Main-1st-Floor 1 on 2.4 GHz band

Channel utilization shows the share of time the spectrum power measured by spectrum analyzer high enough so that the channel can be considered as occupied.

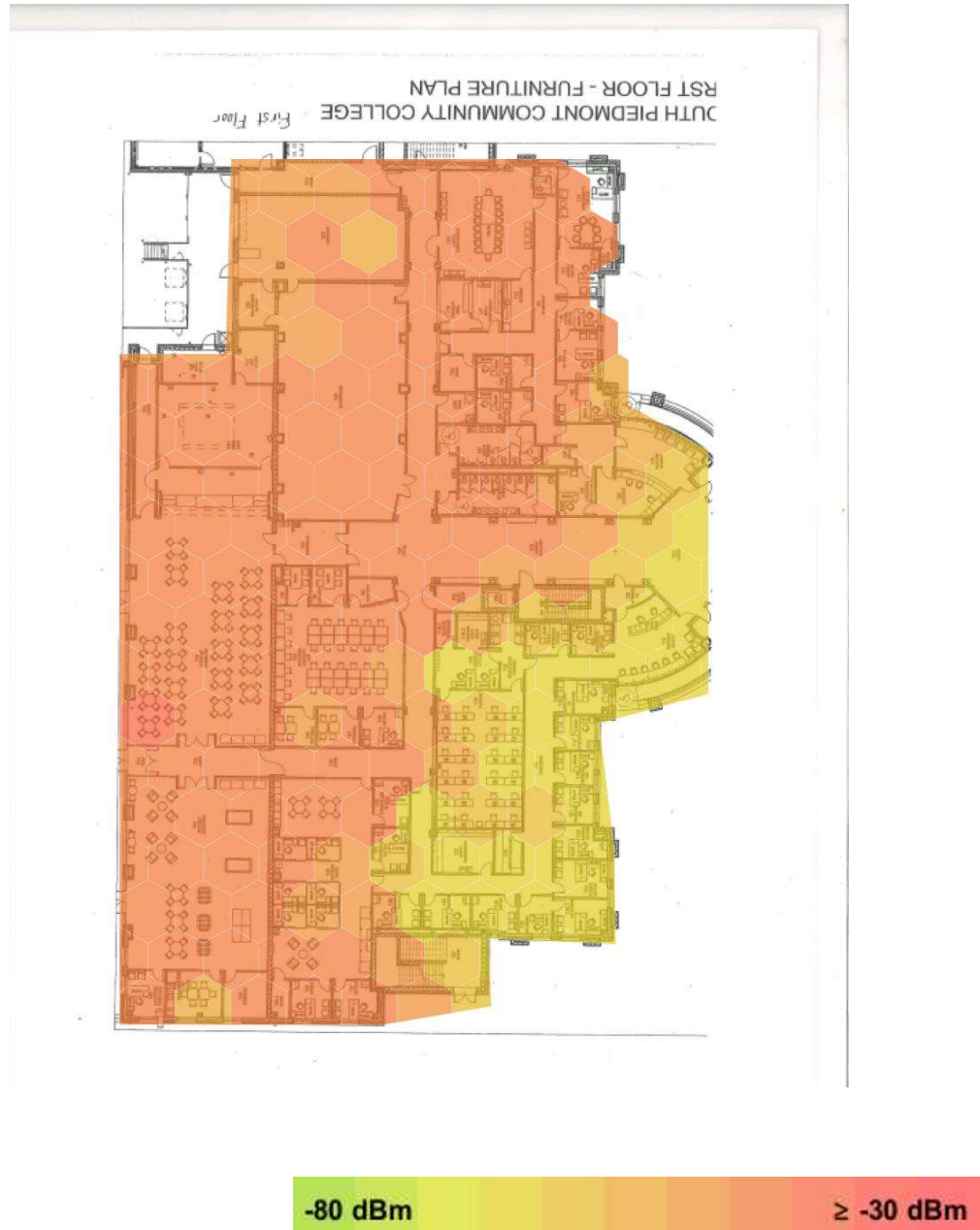


Channel Utilization for Main-1st-Floor 1 on 5 GHz band

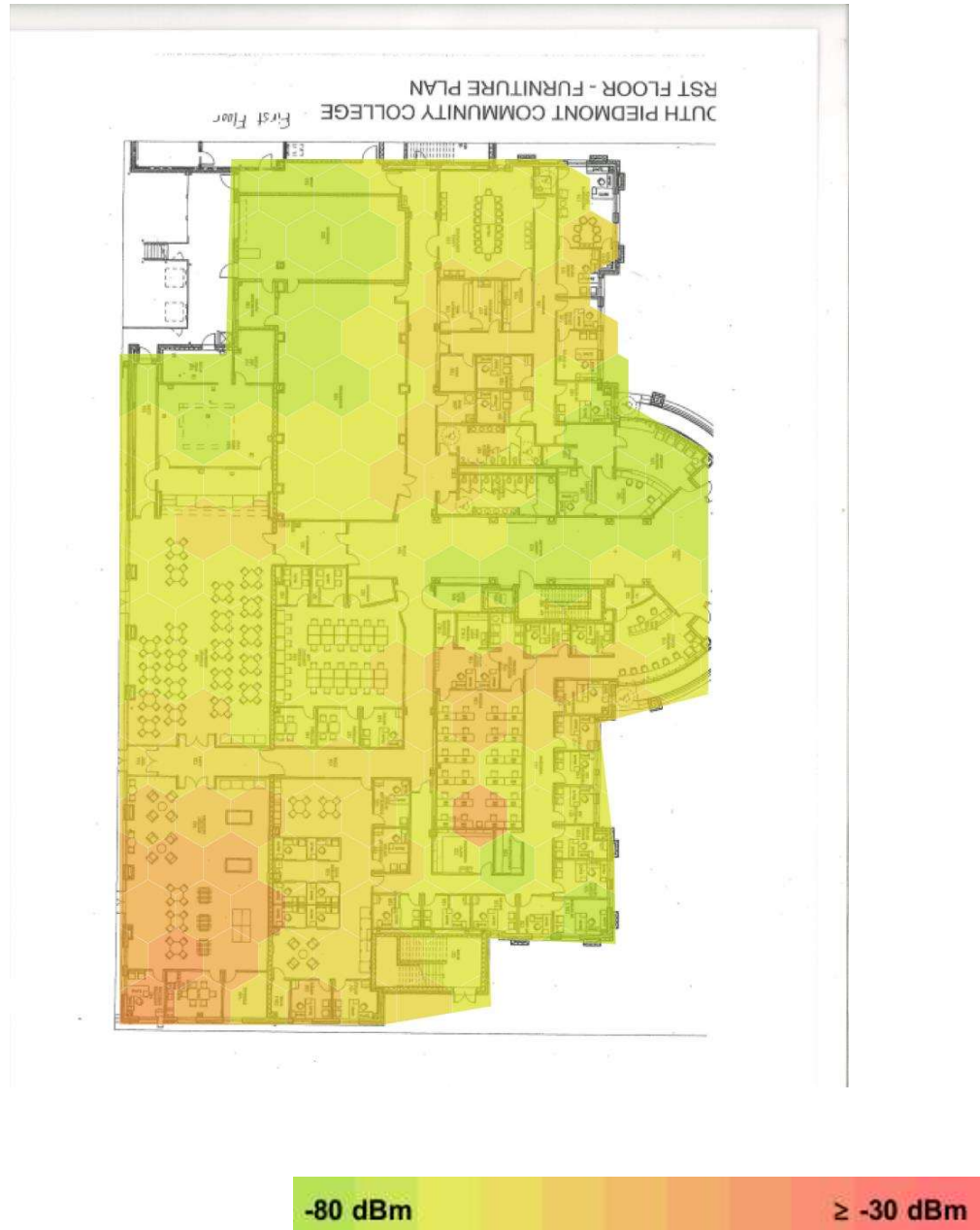
Channel utilization shows the share of time the spectrum power measured by spectrum analyzer high enough so that the channel can be considered as occupied.



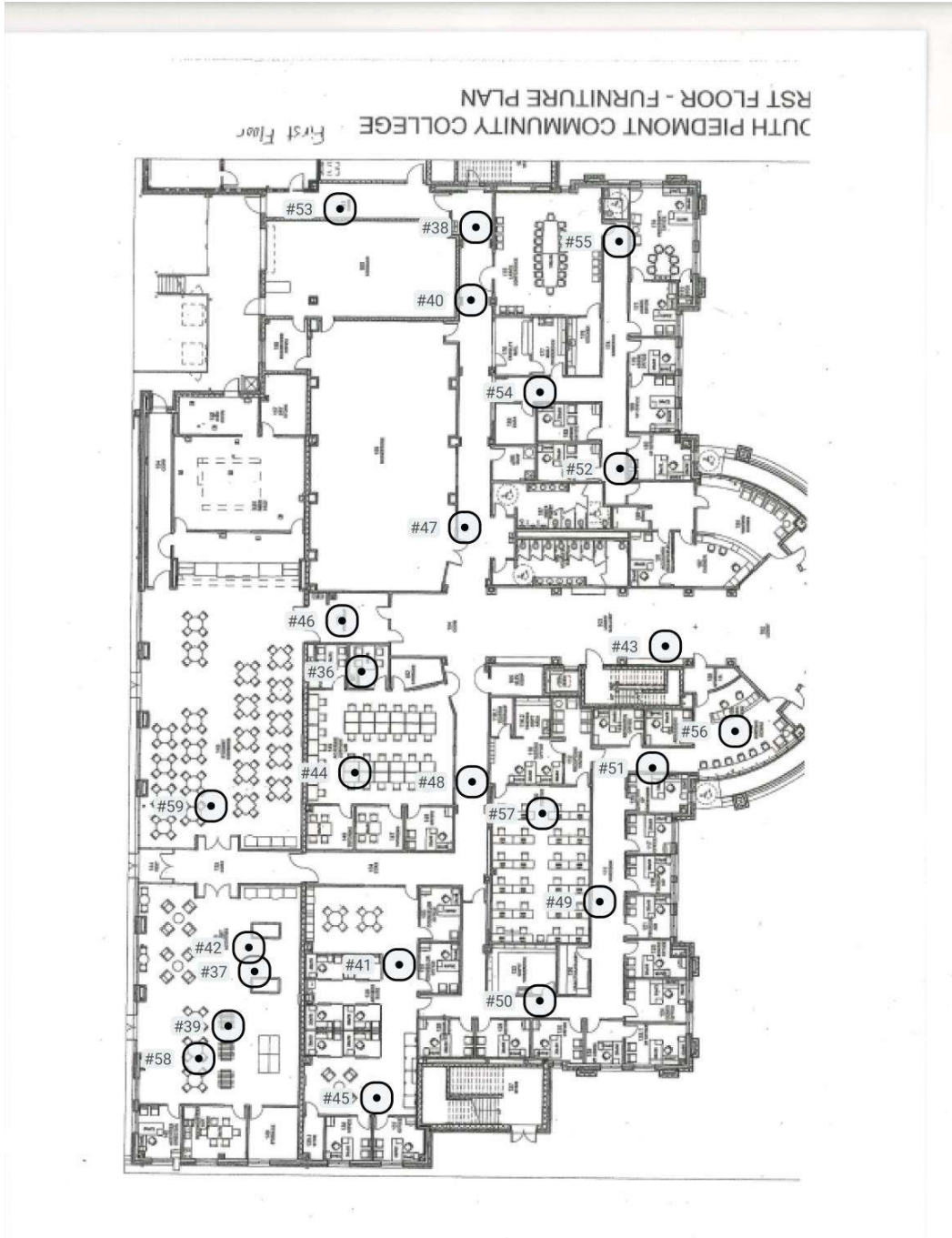
Spectrum Channel Power for Main-1st-Floor 1 on 2.4 GHz band



Spectrum Channel Power for Main-1st-Floor 1 on 5 GHz band



Access Points on Main-1st-Floor 1



My Access Points on Main-1st-Floor 1

Simulated Access Points on Main-1st-Floor 1

None.

Measured Access Points on Main-1st-Floor 1

AP #	Access Point		
36	Measured AP-15:4b		
	Wi-Fi 6	1	42:2d:3a:77:15:4b
	Wi-Fi 6	2	42:2d:3a:77:15:4b
	Wi-Fi 6	6	42:2d:3a:77:15:4b
41	OCHN-Classroom_		Cisco
	Wi-Fi 4	6	00:f2:8b:7f:dc:80
	Wi-Fi 4	6	00:f2:8b:7f:dc:80
	Wi-Fi 4	6	00:f2:8b:7f:dc:81
	Wi-Fi 4	6	00:f2:8b:7f:dc:81
	Wi-Fi 4	6	00:f2:8b:7f:dc:82
	Wi-Fi 4	6	00:f2:8b:7f:dc:85
	Wi-Fi 4	6	00:f2:8b:7f:dc:86
	Wi-Fi 4	6	00:f2:8b:7f:dc:87
	Wi-Fi 4	6	00:f2:8b:7f:dc:88
	Wi-Fi 4	6	00:f2:8b:7f:dc:89
	Wi-Fi 5	52	00:f2:8b:7f:dc:86
	Wi-Fi 5	52	00:f2:8b:7f:dc:87
	Wi-Fi 5	52	00:f2:8b:7f:dc:88
	Wi-Fi 5	52	00:f2:8b:7f:dc:89
	Wi-Fi 5	52	00:f2:8b:7f:dc:8a
	Wi-Fi 5	52	00:f2:8b:7f:dc:8d
	Wi-Fi 5	52	00:f2:8b:7f:dc:8e
	Wi-Fi 5	52	00:f2:8b:7f:dc:8e
Wi-Fi 5	52	00:f2:8b:7f:dc:8f	
Wi-Fi 5	52	00:f2:8b:7f:dc:8f	
42	OCHN-Classroom_		Cisco
	Wi-Fi 4	6	00:fe:c8:be:c7:f0
	Wi-Fi 4	6	00:fe:c8:be:c7:f0
	Wi-Fi 4	6	00:fe:c8:be:c7:f1
	Wi-Fi 4	6	00:fe:c8:be:c7:f2
	Wi-Fi 4	6	00:fe:c8:be:c7:f5
	Wi-Fi 4	6	00:fe:c8:be:c7:f6
	Wi-Fi 4	6	00:fe:c8:be:c7:f7
	Wi-Fi 4	6	00:fe:c8:be:c7:f8
	Wi-Fi 4	6	00:fe:c8:be:c7:f9
	Wi-Fi 5	64	00:fe:c8:be:c7:f6
	Wi-Fi 5	64	00:fe:c8:be:c7:f7
	Wi-Fi 5	64	00:fe:c8:be:c7:f8
	Wi-Fi 5	64	00:fe:c8:be:c7:f9

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	64 64 64 64	00:fe:c8:be:c7:fa 00:fe:c8:be:c7:fd 00:fe:c8:be:c7:fe 00:fe:c8:be:c7:ff	SPCC_Guest SPCC_Mac
43	OCHN-Classroom_		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11	88:f0:31:6c:95:e0 88:f0:31:6c:95:e1 88:f0:31:6c:95:e1 88:f0:31:6c:95:e2 88:f0:31:6c:95:e5 88:f0:31:6c:95:e6 88:f0:31:6c:95:e7 88:f0:31:6c:95:e8 88:f0:31:6c:95:e9	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	56 56 56 56 56 56 56 56 56	88:f0:31:6c:95:e6 88:f0:31:6c:95:e7 88:f0:31:6c:95:e8 88:f0:31:6c:95:e9 88:f0:31:6c:95:ea 88:f0:31:6c:95:ed 88:f0:31:6c:95:ee 88:f0:31:6c:95:ee 88:f0:31:6c:95:ef 88:f0:31:6c:95:ef	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1 SPCC_W1
44	OCHN-Classroom_		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11 11	88:f0:31:e2:1e:50 88:f0:31:e2:1e:50 88:f0:31:e2:1e:51 88:f0:31:e2:1e:51 88:f0:31:e2:1e:52 88:f0:31:e2:1e:55 88:f0:31:e2:1e:56 88:f0:31:e2:1e:57 88:f0:31:e2:1e:58 88:f0:31:e2:1e:59	SPCC_W1 SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	149 149 149 149 149 149 149 149 149	88:f0:31:e2:1e:56 88:f0:31:e2:1e:57 88:f0:31:e2:1e:58 88:f0:31:e2:1e:59 88:f0:31:e2:1e:5a 88:f0:31:e2:1e:5d 88:f0:31:e2:1e:5e 88:f0:31:e2:1e:5e 88:f0:31:e2:1e:5f 88:f0:31:e2:1e:5f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1 SPCC_W1
45	OCHN-Classroom_		Cisco	
	Wi-Fi 4 Wi-Fi 4	1 1	00:fe:c8:2e:9f:d0 00:fe:c8:2e:9f:d0	SPCC_W1

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4	1	00:fe:c8:2e:9f:d1	SPCC_S1
	Wi-Fi 4	1	00:fe:c8:2e:9f:d1	
	Wi-Fi 4	1	00:fe:c8:2e:9f:d2	SPCC_Mac
	Wi-Fi 4	1	00:fe:c8:2e:9f:d5	SPCC_Guest
	Wi-Fi 4	1	00:fe:c8:2e:9f:d6	SPCC_D1
	Wi-Fi 4	1	00:fe:c8:2e:9f:d7	
	Wi-Fi 4	1	00:fe:c8:2e:9f:d8	SPCC_P1
	Wi-Fi 4	1	00:fe:c8:2e:9f:d9	HVAC-OCH
	Wi-Fi 5	60	00:fe:c8:2e:9f:d6	HVAC-OCH
	Wi-Fi 5	60	00:fe:c8:2e:9f:d7	SPCC_P1
	Wi-Fi 5	60	00:fe:c8:2e:9f:d8	
	Wi-Fi 5	60	00:fe:c8:2e:9f:d9	SPCC_D1
	Wi-Fi 5	60	00:fe:c8:2e:9f:da	SPCC_Guest
	Wi-Fi 5	60	00:fe:c8:2e:9f:dd	SPCC_Mac
	Wi-Fi 5	60	00:fe:c8:2e:9f:de	SPCC_S1
	Wi-Fi 5	60	00:fe:c8:2e:9f:de	
	Wi-Fi 5	60	00:fe:c8:2e:9f:df	
46	OCHN-Hall-3221_		Cisco	
	Wi-Fi 4	11	74:a0:2f:4b:18:30	
	Wi-Fi 4	11	74:a0:2f:4b:18:31	SPCC_S1
	Wi-Fi 4	11	74:a0:2f:4b:18:31	
	Wi-Fi 4	11	74:a0:2f:4b:18:32	SPCC_Mac
	Wi-Fi 4	11	74:a0:2f:4b:18:35	SPCC_Guest
	Wi-Fi 4	11	74:a0:2f:4b:18:36	SPCC_D1
	Wi-Fi 4	11	74:a0:2f:4b:18:37	
	Wi-Fi 4	11	74:a0:2f:4b:18:38	SPCC_P1
	Wi-Fi 4	11	74:a0:2f:4b:18:39	HVAC-OCH
	Wi-Fi 5	153	74:a0:2f:4b:18:36	HVAC-OCH
	Wi-Fi 5	153	74:a0:2f:4b:18:37	SPCC_P1
	Wi-Fi 5	153	74:a0:2f:4b:18:38	
	Wi-Fi 5	153	74:a0:2f:4b:18:39	SPCC_D1
	Wi-Fi 5	153	74:a0:2f:4b:18:3a	SPCC_Guest
	Wi-Fi 5	153	74:a0:2f:4b:18:3d	SPCC_Mac
	Wi-Fi 5	153	74:a0:2f:4b:18:3e	SPCC_S1
	Wi-Fi 5	153	74:a0:2f:4b:18:3e	
	Wi-Fi 5	153	74:a0:2f:4b:18:3f	
47	OCHN-Hall_3104		Cisco	
	Wi-Fi 4	6	f8:c2:88:b3:79:60	
	Wi-Fi 4	6	f8:c2:88:b3:79:61	SPCC_S1
	Wi-Fi 4	6	f8:c2:88:b3:79:61	
	Wi-Fi 4	6	f8:c2:88:b3:79:62	SPCC_Mac
	Wi-Fi 4	6	f8:c2:88:b3:79:65	SPCC_Guest
	Wi-Fi 4	6	f8:c2:88:b3:79:66	SPCC_D1
	Wi-Fi 4	6	f8:c2:88:b3:79:67	
	Wi-Fi 4	6	f8:c2:88:b3:79:68	SPCC_P1
	Wi-Fi 4	6	f8:c2:88:b3:79:69	HVAC-OCH
	Wi-Fi 5	157	f8:c2:88:b3:79:66	HVAC-OCH
	Wi-Fi 5	157	f8:c2:88:b3:79:67	SPCC_P1
	Wi-Fi 5	157	f8:c2:88:b3:79:68	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5	157	f8:c2:88:b3:79:69	SPCC_D1
	Wi-Fi 5	157	f8:c2:88:b3:79:6a	SPCC_Guest
	Wi-Fi 5	157	f8:c2:88:b3:79:6d	SPCC_Mac
	Wi-Fi 5	157	f8:c2:88:b3:79:6e	SPCC_S1
	Wi-Fi 5	157	f8:c2:88:b3:79:6e	
	Wi-Fi 5	157	f8:c2:88:b3:79:6f	
48	OCHN-Hall_3105		Cisco	
	Wi-Fi 4	1	54:a2:74:91:e2:40	SPCC_W1
	Wi-Fi 4	1	54:a2:74:91:e2:40	
	Wi-Fi 4	1	54:a2:74:91:e2:41	SPCC_S1
	Wi-Fi 4	1	54:a2:74:91:e2:41	
	Wi-Fi 4	1	54:a2:74:91:e2:42	
	Wi-Fi 4	1	54:a2:74:91:e2:45	SPCC_Mac
	Wi-Fi 4	1	54:a2:74:91:e2:46	SPCC_Guest
	Wi-Fi 4	1	54:a2:74:91:e2:47	SPCC_D1
	Wi-Fi 4	1	54:a2:74:91:e2:48	
	Wi-Fi 4	1	54:a2:74:91:e2:49	SPCC_P1 HVAC-OCH
	Wi-Fi 5	161	54:a2:74:91:e2:46	HVAC-OCH
	Wi-Fi 5	161	54:a2:74:91:e2:47	SPCC_P1
	Wi-Fi 5	161	54:a2:74:91:e2:48	
	Wi-Fi 5	161	54:a2:74:91:e2:49	
	Wi-Fi 5	161	54:a2:74:91:e2:4a	SPCC_D1
	Wi-Fi 5	161	54:a2:74:91:e2:4d	SPCC_Guest
	Wi-Fi 5	161	54:a2:74:91:e2:4e	SPCC_Mac
	Wi-Fi 5	161	54:a2:74:91:e2:4e	SPCC_S1
	Wi-Fi 5	161	54:a2:74:91:e2:4f	
49	OCHN-Hall_3124		Cisco	
	Wi-Fi 4	11	00:fe:c8:77:b3:80	SPCC_W1
	Wi-Fi 4	11	00:fe:c8:77:b3:80	
	Wi-Fi 4	11	00:fe:c8:77:b3:81	SPCC_S1
	Wi-Fi 4	11	00:fe:c8:77:b3:81	
	Wi-Fi 4	11	00:fe:c8:77:b3:82	
	Wi-Fi 4	11	00:fe:c8:77:b3:85	SPCC_Mac
	Wi-Fi 4	11	00:fe:c8:77:b3:86	SPCC_Guest
	Wi-Fi 4	11	00:fe:c8:77:b3:87	SPCC_D1
	Wi-Fi 4	11	00:fe:c8:77:b3:88	
	Wi-Fi 4	11	00:fe:c8:77:b3:89	SPCC_P1 HVAC-OCH
	Wi-Fi 5	64	00:fe:c8:77:b3:86	HVAC-OCH
	Wi-Fi 5	64	00:fe:c8:77:b3:87	SPCC_P1
	Wi-Fi 5	64	00:fe:c8:77:b3:88	
	Wi-Fi 5	64	00:fe:c8:77:b3:89	
	Wi-Fi 5	64	00:fe:c8:77:b3:8a	SPCC_D1
	Wi-Fi 5	64	00:fe:c8:77:b3:8d	SPCC_Guest
	Wi-Fi 5	64	00:fe:c8:77:b3:8e	SPCC_Mac
	Wi-Fi 5	64	00:fe:c8:77:b3:8e	
	Wi-Fi 5	64	00:fe:c8:77:b3:8f	
	Wi-Fi 5	64	00:fe:c8:77:b3:8f	SPCC_W1
50	OCHN-Hall_3129		Cisco	
	Wi-Fi 4	11	88:f0:31:eb:6c:e0	SPCC_W1

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4	11	88:f0:31:eb:6c:e0	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	11	88:f0:31:eb:6c:e1	
	Wi-Fi 4	11	88:f0:31:eb:6c:e1	
	Wi-Fi 4	11	88:f0:31:eb:6c:e2	
	Wi-Fi 4	11	88:f0:31:eb:6c:e5	
	Wi-Fi 4	11	88:f0:31:eb:6c:e6	
	Wi-Fi 4	11	88:f0:31:eb:6c:e7	
	Wi-Fi 4	11	88:f0:31:eb:6c:e8	
	Wi-Fi 4	11	88:f0:31:eb:6c:e9	
	Wi-Fi 5	40	88:f0:31:eb:6c:e6	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1 SPCC_W1
	Wi-Fi 5	40	88:f0:31:eb:6c:e7	
	Wi-Fi 5	40	88:f0:31:eb:6c:e8	
	Wi-Fi 5	40	88:f0:31:eb:6c:e9	
	Wi-Fi 5	40	88:f0:31:eb:6c:ea	
	Wi-Fi 5	40	88:f0:31:eb:6c:ed	
	Wi-Fi 5	40	88:f0:31:eb:6c:ee	
	Wi-Fi 5	40	88:f0:31:eb:6c:ee	
	Wi-Fi 5	40	88:f0:31:eb:6c:ef	
	Wi-Fi 5	40	88:f0:31:eb:6c:ef	
51	OCHN-Hall_3130		Cisco	
	Wi-Fi 4	6	88:f0:31:f9:e6:80	SPCC_W1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	6	88:f0:31:f9:e6:80	
	Wi-Fi 4	6	88:f0:31:f9:e6:81	
	Wi-Fi 4	6	88:f0:31:f9:e6:82	
	Wi-Fi 4	6	88:f0:31:f9:e6:85	
	Wi-Fi 4	6	88:f0:31:f9:e6:86	
	Wi-Fi 4	6	88:f0:31:f9:e6:87	
	Wi-Fi 4	6	88:f0:31:f9:e6:88	
	Wi-Fi 4	6	88:f0:31:f9:e6:89	
	Wi-Fi 5	44	88:f0:31:f9:e6:86	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1 SPCC_W1
	Wi-Fi 5	44	88:f0:31:f9:e6:87	
	Wi-Fi 5	44	88:f0:31:f9:e6:88	
	Wi-Fi 5	44	88:f0:31:f9:e6:89	
	Wi-Fi 5	44	88:f0:31:f9:e6:8a	
	Wi-Fi 5	44	88:f0:31:f9:e6:8d	
	Wi-Fi 5	44	88:f0:31:f9:e6:8e	
	Wi-Fi 5	44	88:f0:31:f9:e6:8e	
	Wi-Fi 5	44	88:f0:31:f9:e6:8f	
	Wi-Fi 5	44	88:f0:31:f9:e6:8f	
52	OCHN-Hall_3174		Cisco	
	Wi-Fi 4	6	88:f0:31:69:d1:d0	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	6	88:f0:31:69:d1:d1	
	Wi-Fi 4	6	88:f0:31:69:d1:d2	
	Wi-Fi 4	6	88:f0:31:69:d1:d5	
	Wi-Fi 4	6	88:f0:31:69:d1:d6	
	Wi-Fi 4	6	88:f0:31:69:d1:d7	
	Wi-Fi 4	6	88:f0:31:69:d1:d8	
	Wi-Fi 4	6	88:f0:31:69:d1:d9	
	Wi-Fi 5	48	88:f0:31:69:d1:d6	HVAC-OCH

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	48 48 48 48 48 48 48	88:f0:31:69:d1:d7 88:f0:31:69:d1:d8 88:f0:31:69:d1:d9 88:f0:31:69:d1:da 88:f0:31:69:d1:dd 88:f0:31:69:d1:de 88:f0:31:69:d1:de 88:f0:31:69:d1:df	SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
53	OCHN-Hall_3176		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11 11	88:f0:31:69:ce:20 88:f0:31:69:ce:20 88:f0:31:69:ce:21 88:f0:31:69:ce:21 88:f0:31:69:ce:22 88:f0:31:69:ce:25 88:f0:31:69:ce:26 88:f0:31:69:ce:27 88:f0:31:69:ce:28 88:f0:31:69:ce:29	SPCC_W1 SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	60 60 60 60 60 60 60 60 60 60	88:f0:31:69:ce:26 88:f0:31:69:ce:27 88:f0:31:69:ce:28 88:f0:31:69:ce:29 88:f0:31:69:ce:2a 88:f0:31:69:ce:2d 88:f0:31:69:ce:2e 88:f0:31:69:ce:2e 88:f0:31:69:ce:2f 88:f0:31:69:ce:2f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1 SPCC_W1
54	OCHN-Hall_3183		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11	f4:0f:1b:9e:24:40 f4:0f:1b:9e:24:41 f4:0f:1b:9e:24:42 f4:0f:1b:9e:24:45 f4:0f:1b:9e:24:46 f4:0f:1b:9e:24:47 f4:0f:1b:9e:24:48 f4:0f:1b:9e:24:49	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	36 36 36 36 36 36 36 36	f4:0f:1b:9e:24:46 f4:0f:1b:9e:24:47 f4:0f:1b:9e:24:48 f4:0f:1b:9e:24:49 f4:0f:1b:9e:24:4a f4:0f:1b:9e:24:4d f4:0f:1b:9e:24:4e f4:0f:1b:9e:24:4e f4:0f:1b:9e:24:4f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
55	OCHN-Hall_3311		Cisco	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4	1	88:f0:31:30:3c:50	SPCC_W1
	Wi-Fi 4	1	88:f0:31:30:3c:50	
	Wi-Fi 4	1	88:f0:31:30:3c:51	SPCC_S1
	Wi-Fi 4	1	88:f0:31:30:3c:51	
	Wi-Fi 4	1	88:f0:31:30:3c:52	
	Wi-Fi 4	1	88:f0:31:30:3c:55	SPCC_Mac
	Wi-Fi 4	1	88:f0:31:30:3c:56	SPCC_Guest
	Wi-Fi 4	1	88:f0:31:30:3c:57	SPCC_D1
	Wi-Fi 4	1	88:f0:31:30:3c:58	
	Wi-Fi 4	1	88:f0:31:30:3c:59	SPCC_P1
				HVAC-OCH
	Wi-Fi 5	40	88:f0:31:30:3c:56	HVAC-OCH
	Wi-Fi 5	40	88:f0:31:30:3c:57	SPCC_P1
	Wi-Fi 5	40	88:f0:31:30:3c:58	
	Wi-Fi 5	40	88:f0:31:30:3c:59	SPCC_D1
	Wi-Fi 5	40	88:f0:31:30:3c:5a	SPCC_Guest
	Wi-Fi 5	40	88:f0:31:30:3c:5d	SPCC_Mac
	Wi-Fi 5	40	88:f0:31:30:3c:5e	SPCC_S1
Wi-Fi 5	40	88:f0:31:30:3c:5e		
Wi-Fi 5	40	88:f0:31:30:3c:5f		
56	OCHN-Lobby-left		Cisco	
Wi-Fi 4	1	88:f0:31:77:e7:70		
Wi-Fi 4	1	88:f0:31:77:e7:71	SPCC_S1	
Wi-Fi 4	1	88:f0:31:77:e7:71		
Wi-Fi 4	1	88:f0:31:77:e7:72		
Wi-Fi 4	1	88:f0:31:77:e7:75	SPCC_Mac	
Wi-Fi 4	1	88:f0:31:77:e7:76	SPCC_Guest	
Wi-Fi 4	1	88:f0:31:77:e7:77	SPCC_D1	
Wi-Fi 4	1	88:f0:31:77:e7:78		
Wi-Fi 4	1	88:f0:31:77:e7:79	SPCC_P1	
			HVAC-OCH	
Wi-Fi 5	40	88:f0:31:77:e7:76	HVAC-OCH	
Wi-Fi 5	40	88:f0:31:77:e7:77	SPCC_P1	
Wi-Fi 5	40	88:f0:31:77:e7:78		
Wi-Fi 5	40	88:f0:31:77:e7:79	SPCC_D1	
Wi-Fi 5	40	88:f0:31:77:e7:7a	SPCC_Guest	
Wi-Fi 5	40	88:f0:31:77:e7:7d	SPCC_Mac	
Wi-Fi 5	40	88:f0:31:77:e7:7e	SPCC_S1	
Wi-Fi 5	40	88:f0:31:77:e7:7e		
Wi-Fi 5	40	88:f0:31:77:e7:7f		
Wi-Fi 5	40	88:f0:31:77:e7:7f	SPCC_W1	
57	OCHN-Room-3120		Cisco	
Wi-Fi 4	6	00:fe:c8:cf:0b:00	SPCC_W1	
Wi-Fi 4	6	00:fe:c8:cf:0b:00		
Wi-Fi 4	6	00:fe:c8:cf:0b:01	SPCC_S1	
Wi-Fi 4	6	00:fe:c8:cf:0b:01		
Wi-Fi 4	6	00:fe:c8:cf:0b:02		
Wi-Fi 4	6	00:fe:c8:cf:0b:05	SPCC_Mac	
Wi-Fi 4	6	00:fe:c8:cf:0b:06	SPCC_Guest	
Wi-Fi 4	6	00:fe:c8:cf:0b:07	SPCC_D1	
Wi-Fi 4	6	00:fe:c8:cf:0b:08		
Wi-Fi 4	6	00:fe:c8:cf:0b:09	SPCC_P1	

SPCC_TFC_BRASWELL_MAIN_SURVEY

				HVAC-OCH
	Wi-Fi 5	56	00:fe:c8:cf:0b:06	HVAC-OCH
	Wi-Fi 5	56	00:fe:c8:cf:0b:07	SPCC_P1
	Wi-Fi 5	56	00:fe:c8:cf:0b:08	
	Wi-Fi 5	56	00:fe:c8:cf:0b:09	SPCC_D1
	Wi-Fi 5	56	00:fe:c8:cf:0b:0a	SPCC_Guest
	Wi-Fi 5	56	00:fe:c8:cf:0b:0d	SPCC_Mac
	Wi-Fi 5	56	00:fe:c8:cf:0b:0e	SPCC_S1
	Wi-Fi 5	56	00:fe:c8:cf:0b:0e	
	Wi-Fi 5	56	00:fe:c8:cf:0b:0f	
	Wi-Fi 5	56	00:fe:c8:cf:0b:0f	SPCC_W1
58	OCHN-SGA3143		Cisco	
	Wi-Fi 4	11	50:87:89:dd:c8:20	SPCC_W1
	Wi-Fi 4	11	50:87:89:dd:c8:20	
	Wi-Fi 4	11	50:87:89:dd:c8:21	
	Wi-Fi 4	11	50:87:89:dd:c8:22	SPCC_Mac
	Wi-Fi 4	11	50:87:89:dd:c8:25	SPCC_Guest
	Wi-Fi 4	11	50:87:89:dd:c8:26	SPCC_D1
	Wi-Fi 4	11	50:87:89:dd:c8:27	
	Wi-Fi 4	11	50:87:89:dd:c8:28	SPCC_P1
	Wi-Fi 4	11	50:87:89:dd:c8:29	HVAC-OCH
	Wi-Fi 5	44	50:87:89:dd:c8:26	HVAC-OCH
	Wi-Fi 5	44	50:87:89:dd:c8:27	SPCC_P1
	Wi-Fi 5	44	50:87:89:dd:c8:28	
	Wi-Fi 5	44	50:87:89:dd:c8:29	SPCC_D1
	Wi-Fi 5	44	50:87:89:dd:c8:2a	SPCC_Guest
	Wi-Fi 5	44	50:87:89:dd:c8:2d	SPCC_Mac
	Wi-Fi 5	44	50:87:89:dd:c8:2e	
	Wi-Fi 5	44	50:87:89:dd:c8:2f	
59	OCHN_Cafe_3145		Cisco	
	Wi-Fi 4	1	f8:c2:88:bc:90:00	SPCC_W1
	Wi-Fi 4	1	f8:c2:88:bc:90:00	
	Wi-Fi 4	1	f8:c2:88:bc:90:01	SPCC_S1
	Wi-Fi 4	1	f8:c2:88:bc:90:01	
	Wi-Fi 4	1	f8:c2:88:bc:90:02	
	Wi-Fi 4	1	f8:c2:88:bc:90:05	SPCC_Mac
	Wi-Fi 4	1	f8:c2:88:bc:90:06	SPCC_Guest
	Wi-Fi 4	1	f8:c2:88:bc:90:07	SPCC_D1
	Wi-Fi 4	1	f8:c2:88:bc:90:08	
	Wi-Fi 4	1	f8:c2:88:bc:90:09	SPCC_P1
				HVAC-OCH
	Wi-Fi 5	36	f8:c2:88:bc:90:06	HVAC-OCH
	Wi-Fi 5	36	f8:c2:88:bc:90:07	SPCC_P1
	Wi-Fi 5	36	f8:c2:88:bc:90:08	
	Wi-Fi 5	36	f8:c2:88:bc:90:09	SPCC_D1
	Wi-Fi 5	36	f8:c2:88:bc:90:0a	SPCC_Guest
	Wi-Fi 5	36	f8:c2:88:bc:90:0d	SPCC_Mac
	Wi-Fi 5	36	f8:c2:88:bc:90:0e	SPCC_S1
	Wi-Fi 5	36	f8:c2:88:bc:90:0e	
	Wi-Fi 5	36	f8:c2:88:bc:90:0f	

SPCC_TFC_BRASWELL_MAIN_SURVEY

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Other Access Points on Main-1st-Floor 1

Simulated Access Points on Main-1st-Floor 1

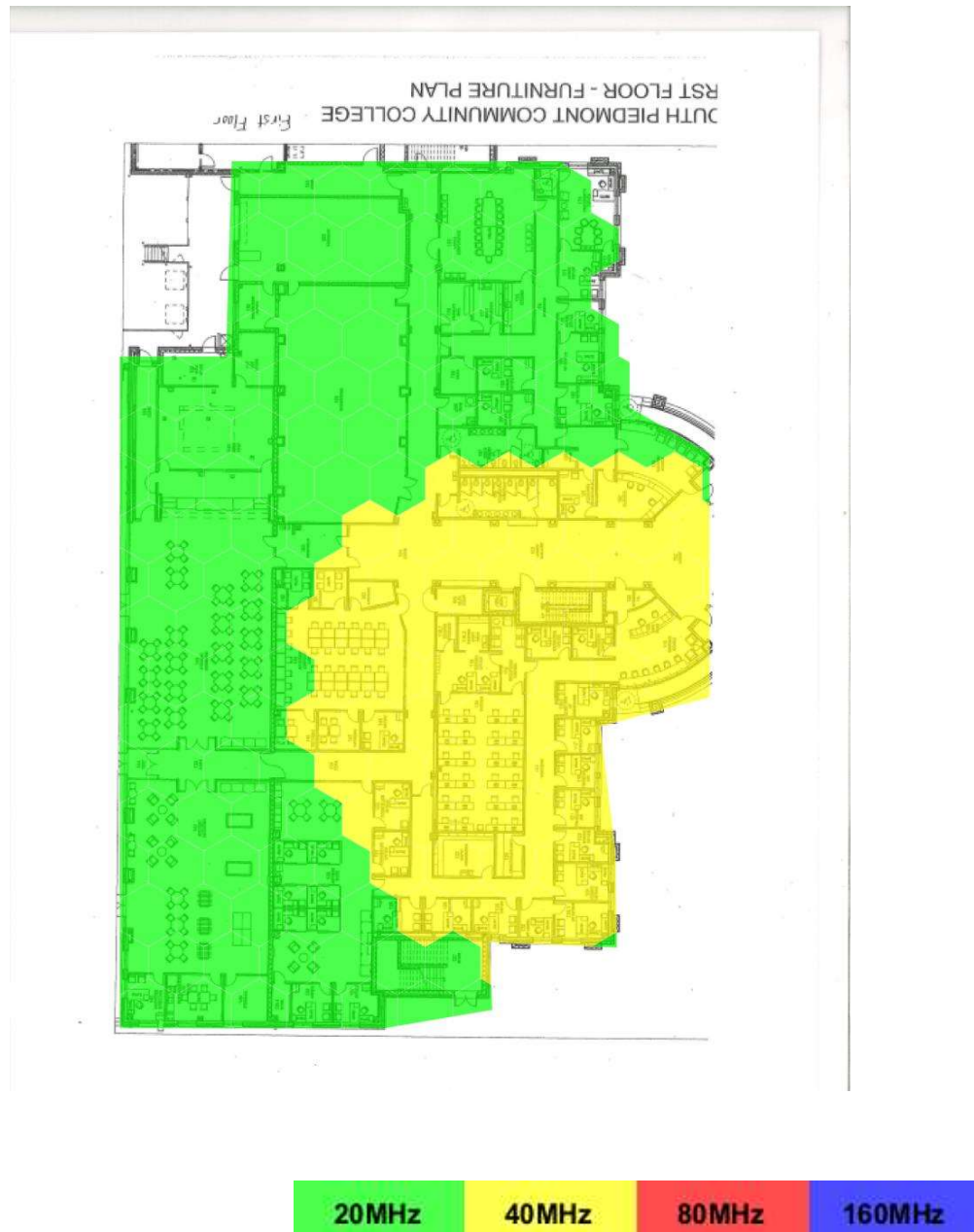
None.

Measured Access Points on Main-1st-Floor 1

AP #	Access Point			
37	Measured AP-4b:38			
	Wi-Fi 4	44	22:ef:bd:7a:4b:38	
38	Measured AP-55:e3			Chongqing Fugui
	Wi-Fi 4	6	5c:fb:3a:06:55:e3	OCH Boardroom
39	Measured AP-64:ae			
	Wi-Fi 4	6	82:c9:c0:cf:64:ae	
40	Measured AP-b4:ff			Tp-Link
	Wi-Fi 6	149@80	78:8c:b5:6c:b4:ff	Crestron5

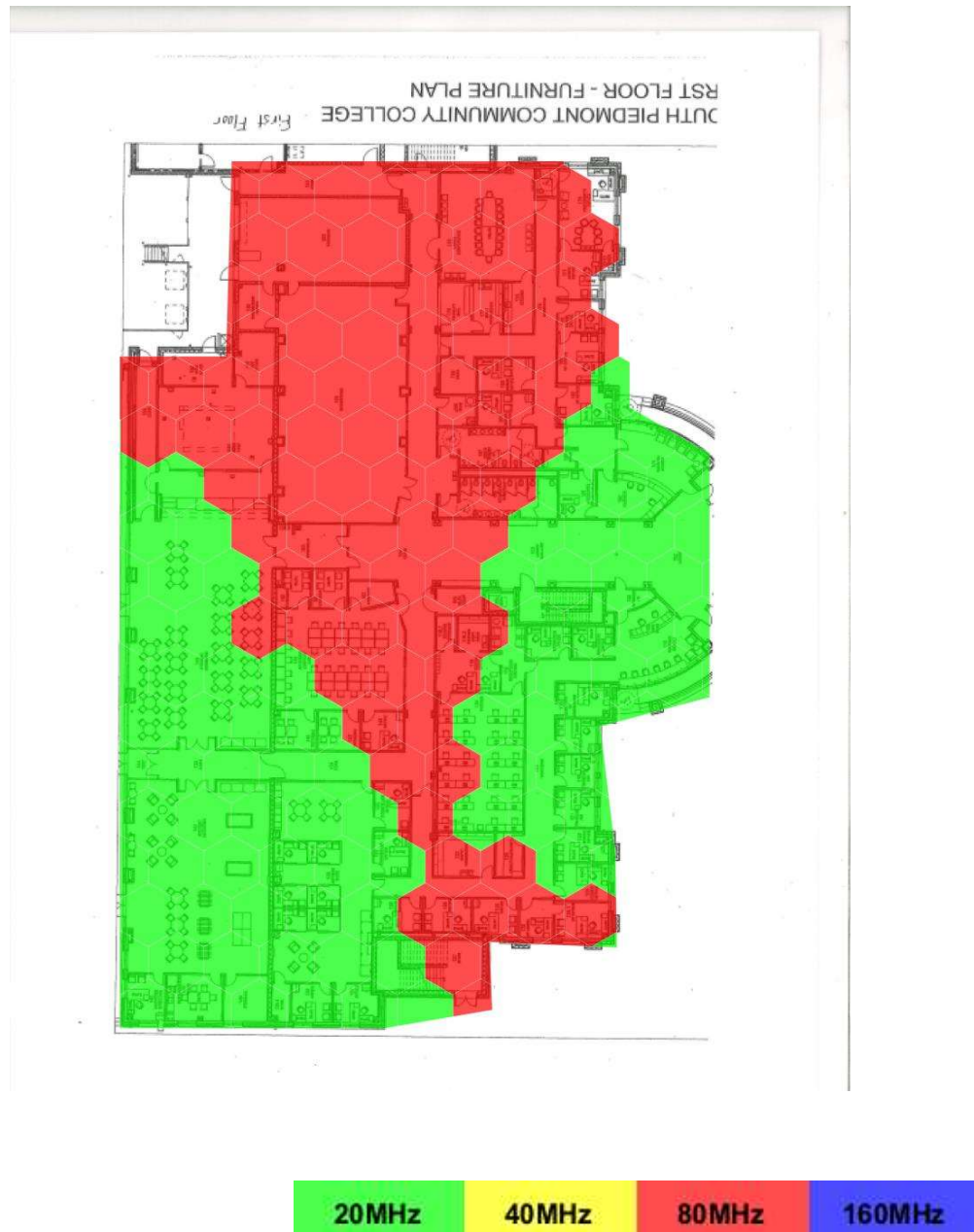
Channel Width for Main-1st-Floor 1 on 2.4 GHz band

Shows the maximum channel width available in each area.



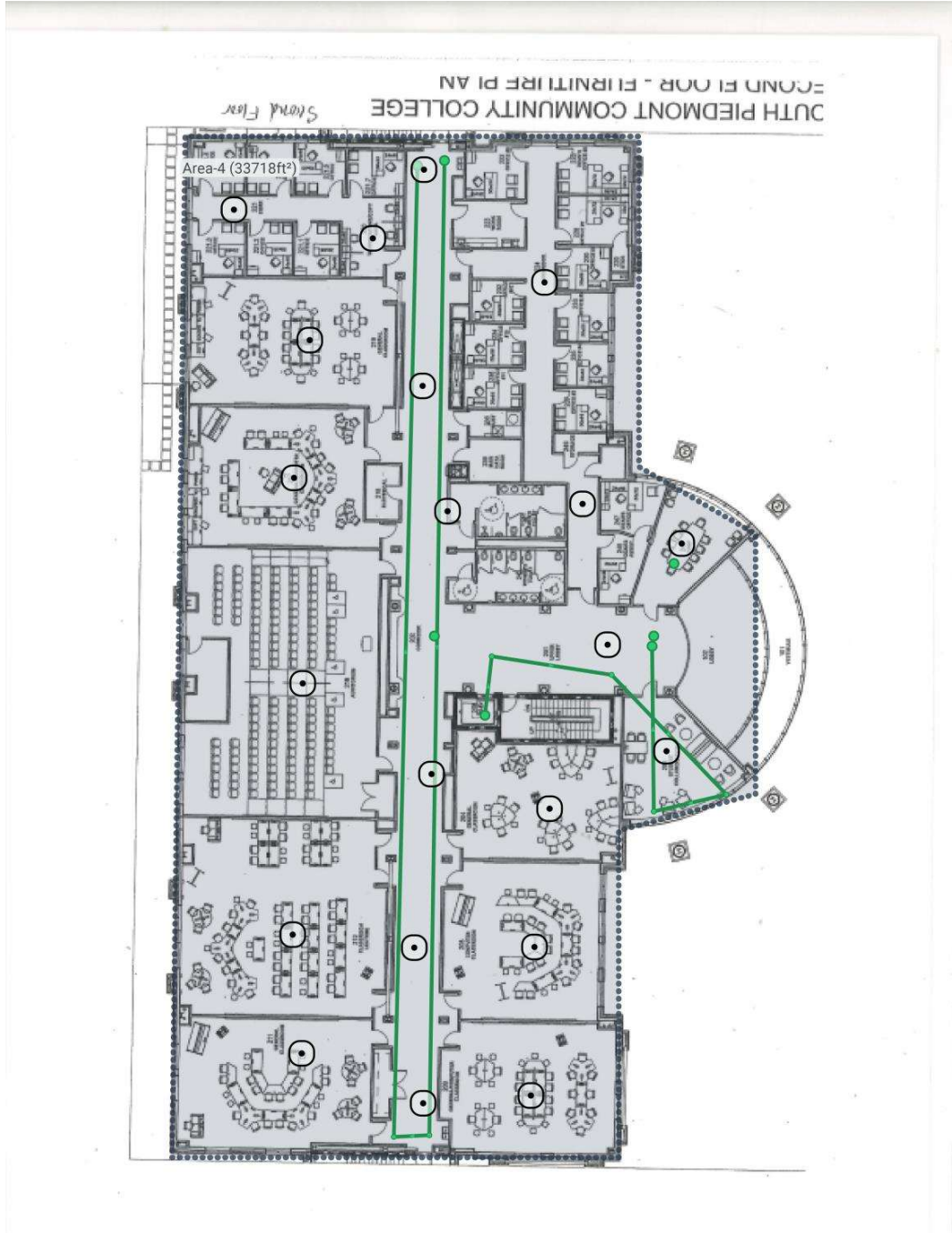
Channel Width for Main-1st-Floor 1 on 5 GHz band

Shows the maximum channel width available in each area.



Main-1st-Floor 2

Survey routes and Access Points for Main-1st-Floor 2



View as / Project Offset:	Measured
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Area-4 (33,718 ft²)

SPCC_TFC_BRASWELL_MAIN_SURVEY

Coverage Requirement: Ekahau Best Practices		
2.4 GHz	Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	20.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	2 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
	Packet Loss Max	0.0 %
5 GHz	Signal Strength Min	-67.0 dBm
	Secondary Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	25.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	1 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
6 GHz	Signal Strength Min	-67.0 dBm
	Secondary Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	25.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	1 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
Capacity Requirement	No capacity devices for this area	
Notes		

Signal Strength for Main-1st-Floor 2 on 2.4 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



Signal Strength for Main-1st-Floor 2 on 5 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



Secondary Signal Strength for Main-1st-Floor 2 on 2.4 GHz band

Secondary Signal Strength shows the second strongest RSSI on any given location on the map. This heatmap helps to ensure smooth roaming for clients and quality of service for certain latency-sensitive applications, such as VoIP calls.



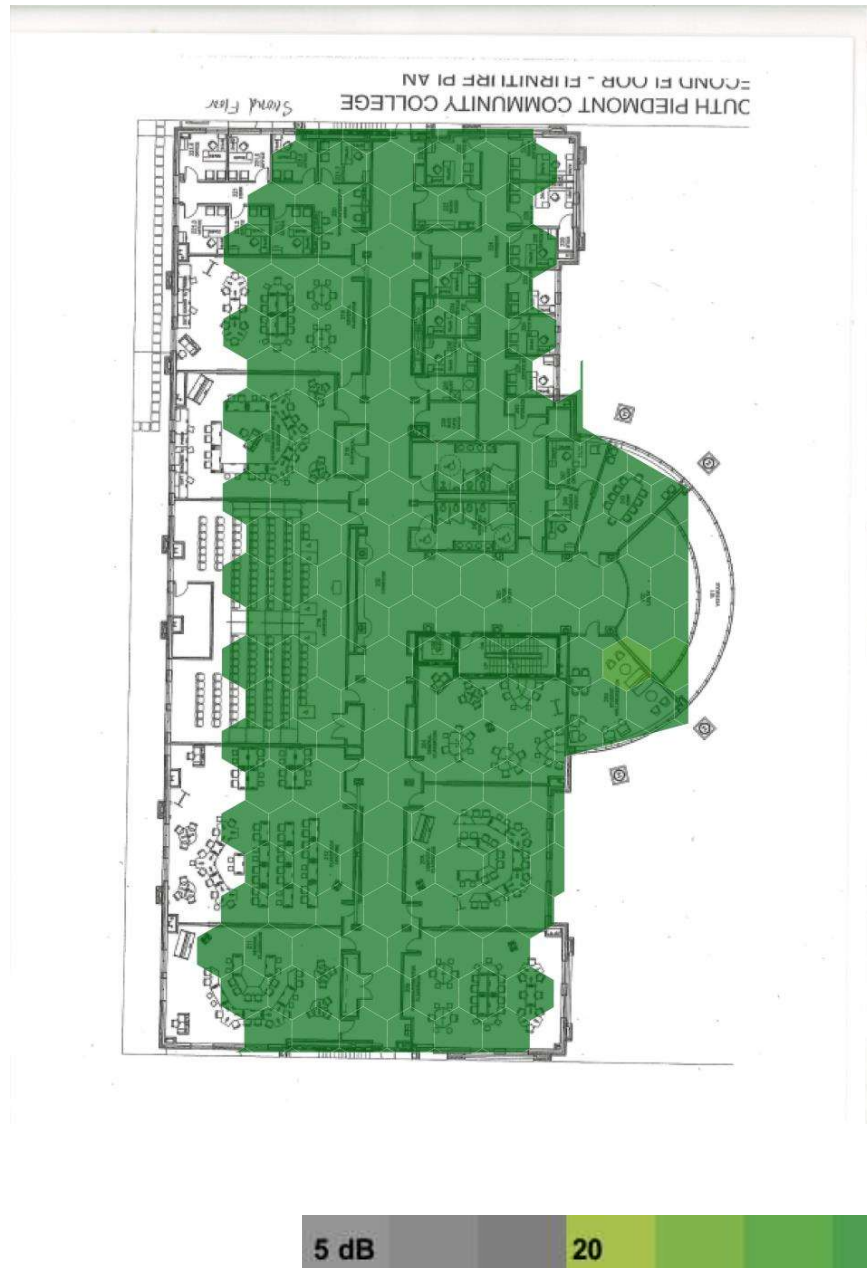
Secondary Signal Strength for Main-1st-Floor 2 on 5 GHz band

Secondary Signal Strength shows the second strongest RSSI on any given location on the map. This heatmap helps to ensure smooth roaming for clients and quality of service for certain latency-sensitive applications, such as VoIP calls.



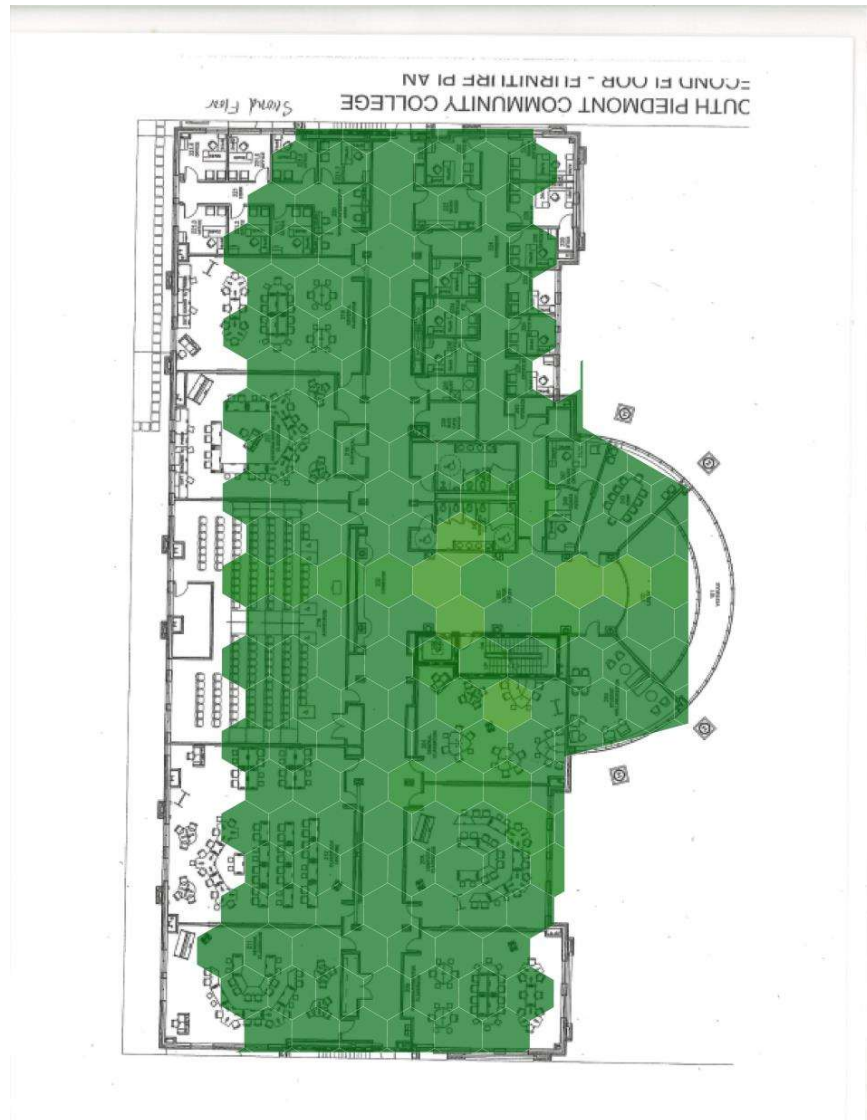
Signal To Noise Ratio (SNR) for Main-1st-Floor 2 on 2.4 GHz band

Signal-To-Noise Ratio indicates how much the signal strength is stronger than the noise (co-channel interference). Signal must be stronger than noise (SNR greater than zero) for data transfer to be possible. If the signal is only barely stronger than noise, you may encounter occasional connection drop-offs.



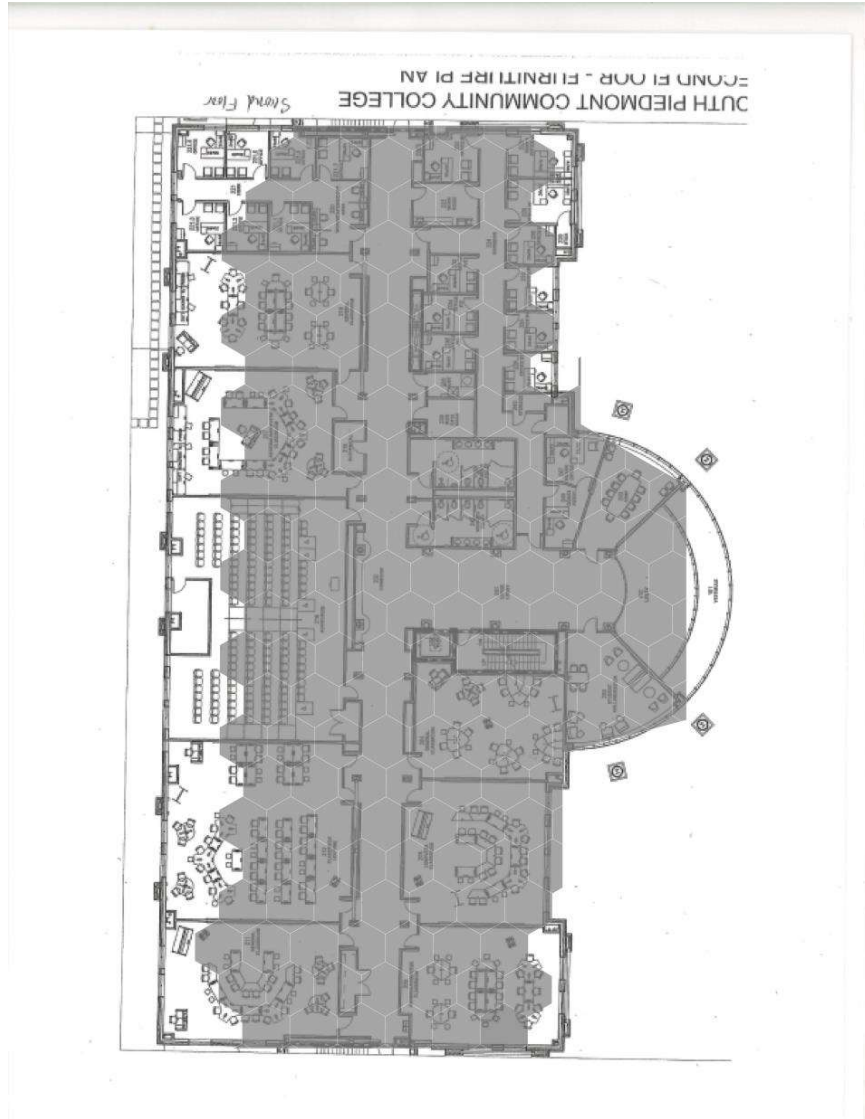
Signal To Noise Ratio (SNR) for Main-1st-Floor 2 on 5 GHz band

Signal-To-Noise Ratio indicates how much the signal strength is stronger than the noise (co-channel interference). Signal must be stronger than noise (SNR greater than zero) for data transfer to be possible. If the signal is only barely stronger than noise, you may encounter occasional connection drop-offs.



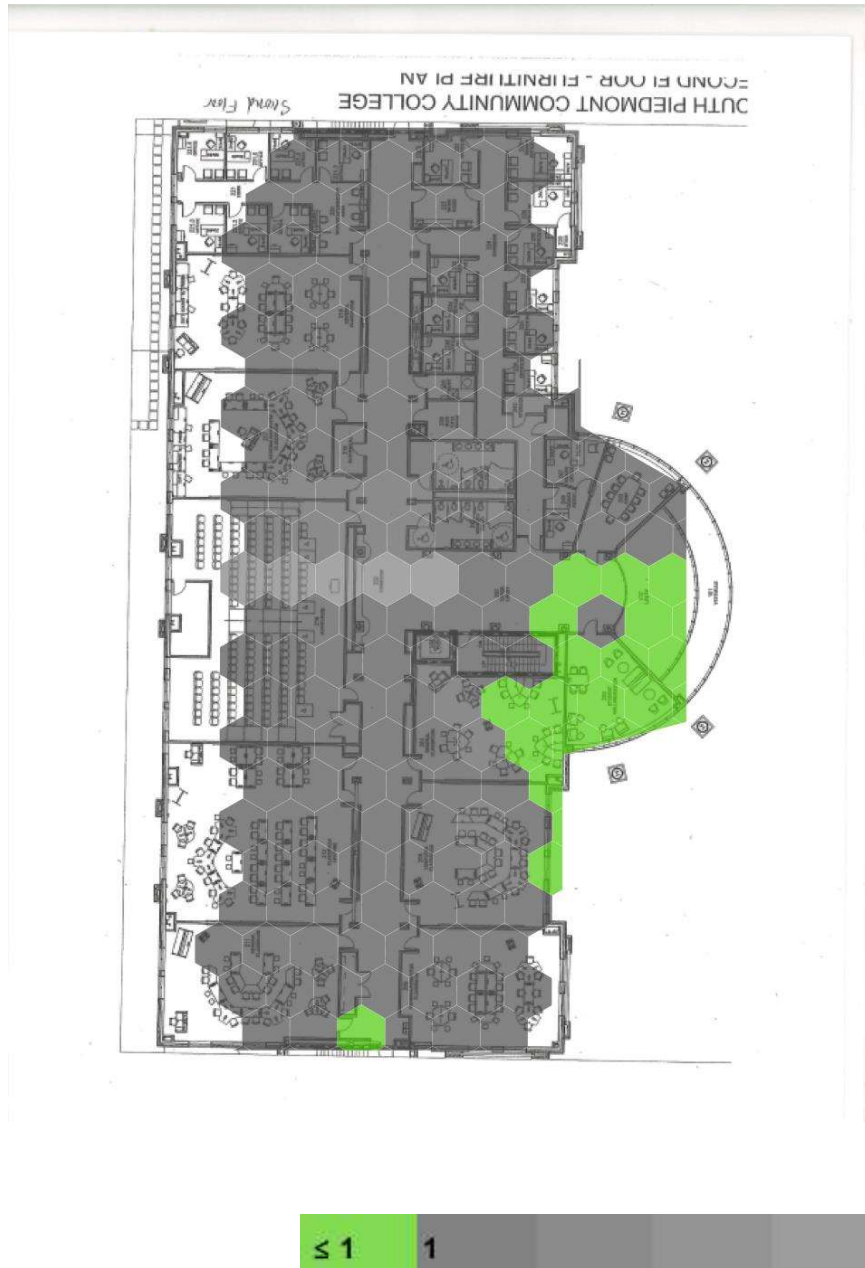
Channel Interference for Main-1st-Floor 2 on 2.4 GHz band

Channel interference indicates the number of access points overlapping at each location in a single channel.



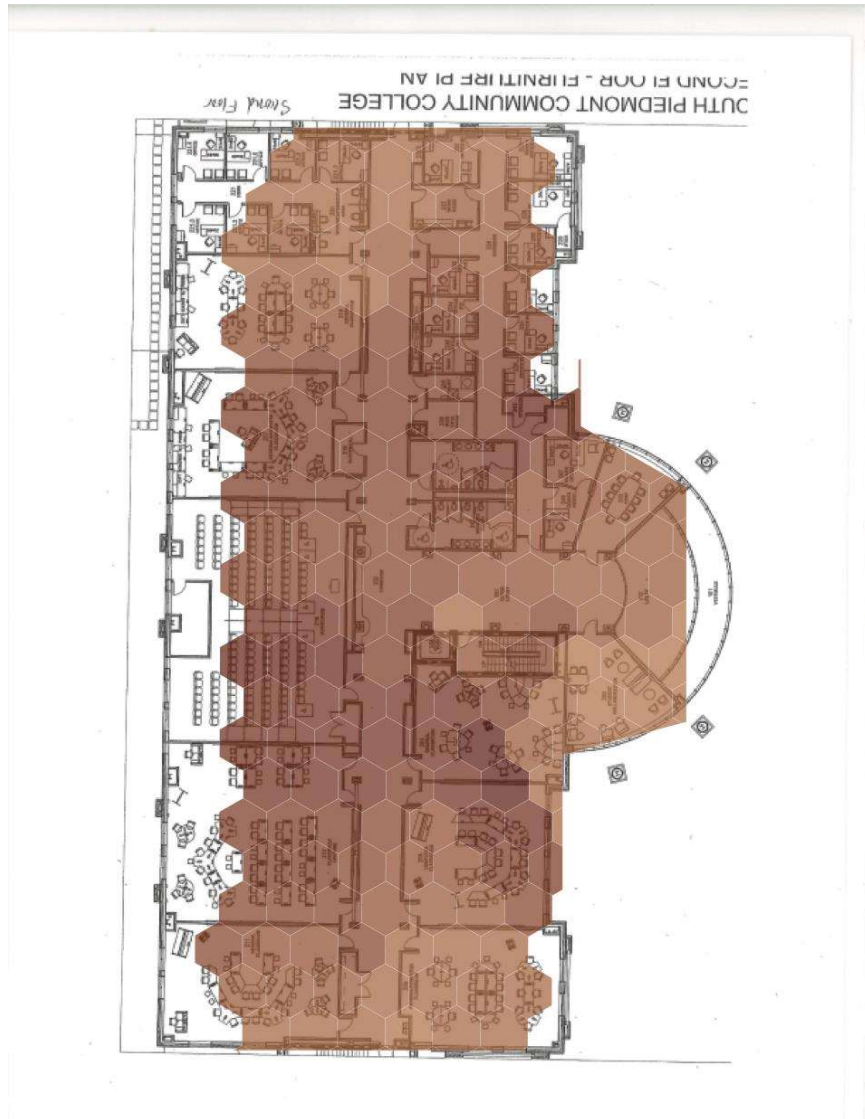
Channel Interference for Main-1st-Floor 2 on 5 GHz band

Channel interference indicates the number of access points overlapping at each location in a single channel.



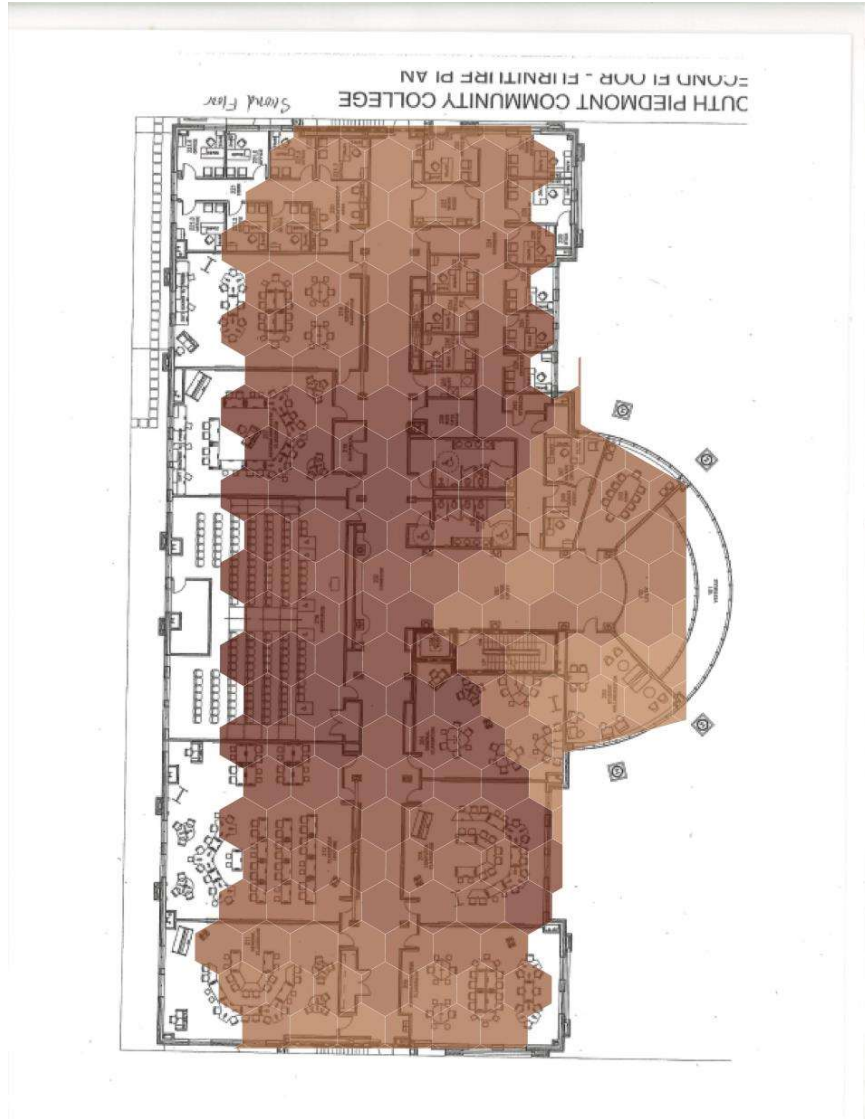
Number of APs for Main-1st-Floor 2 on 2.4 GHz band

Number of Access Points indicates the number of access points audible at each location.



Number of APs for Main-1st-Floor 2 on 5 GHz band

Number of Access Points indicates the number of access points audible at each location.



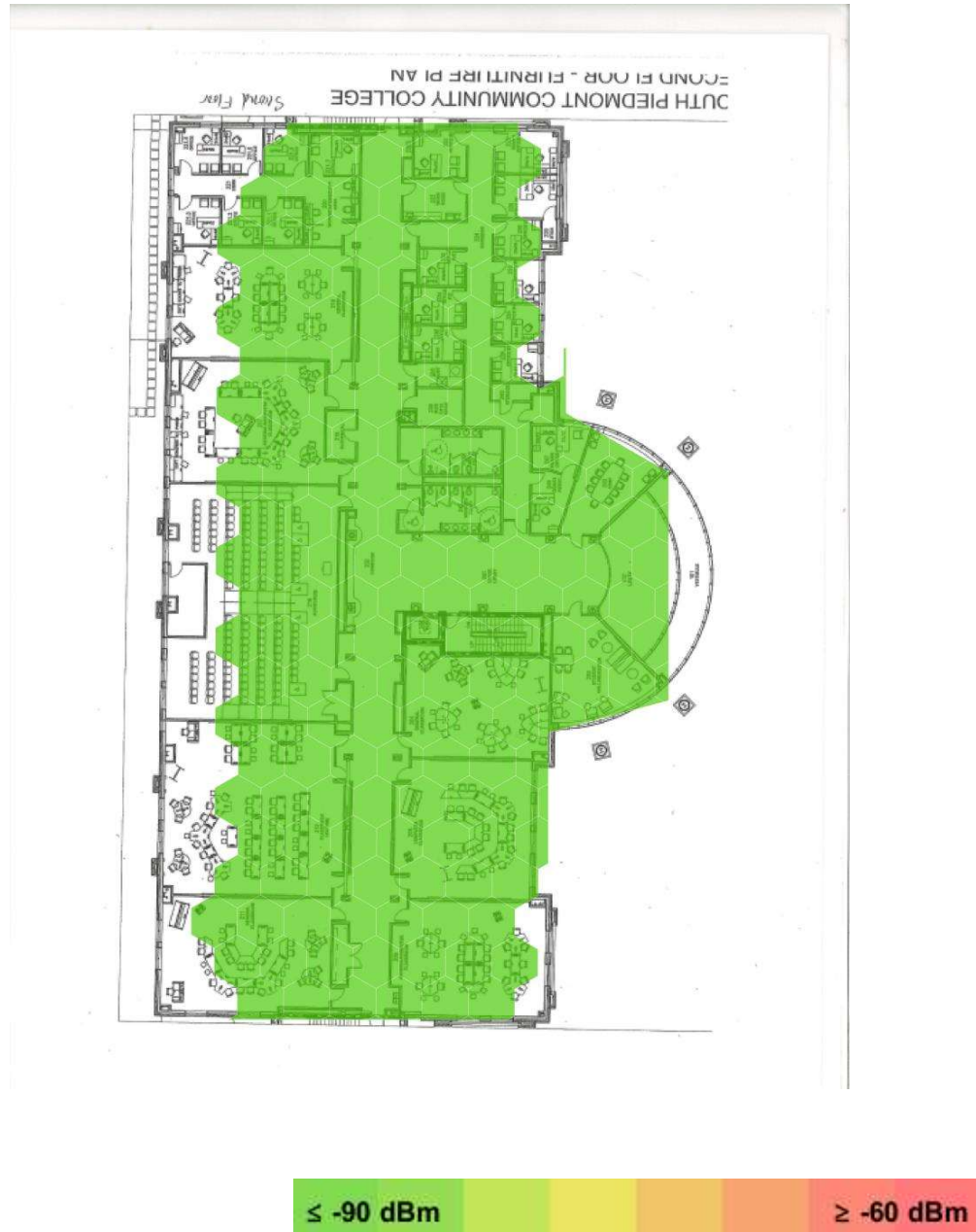
Noise for Main-1st-Floor 2 on 2.4 GHz band

Displays the noise level in the network as measured by the network adapter.



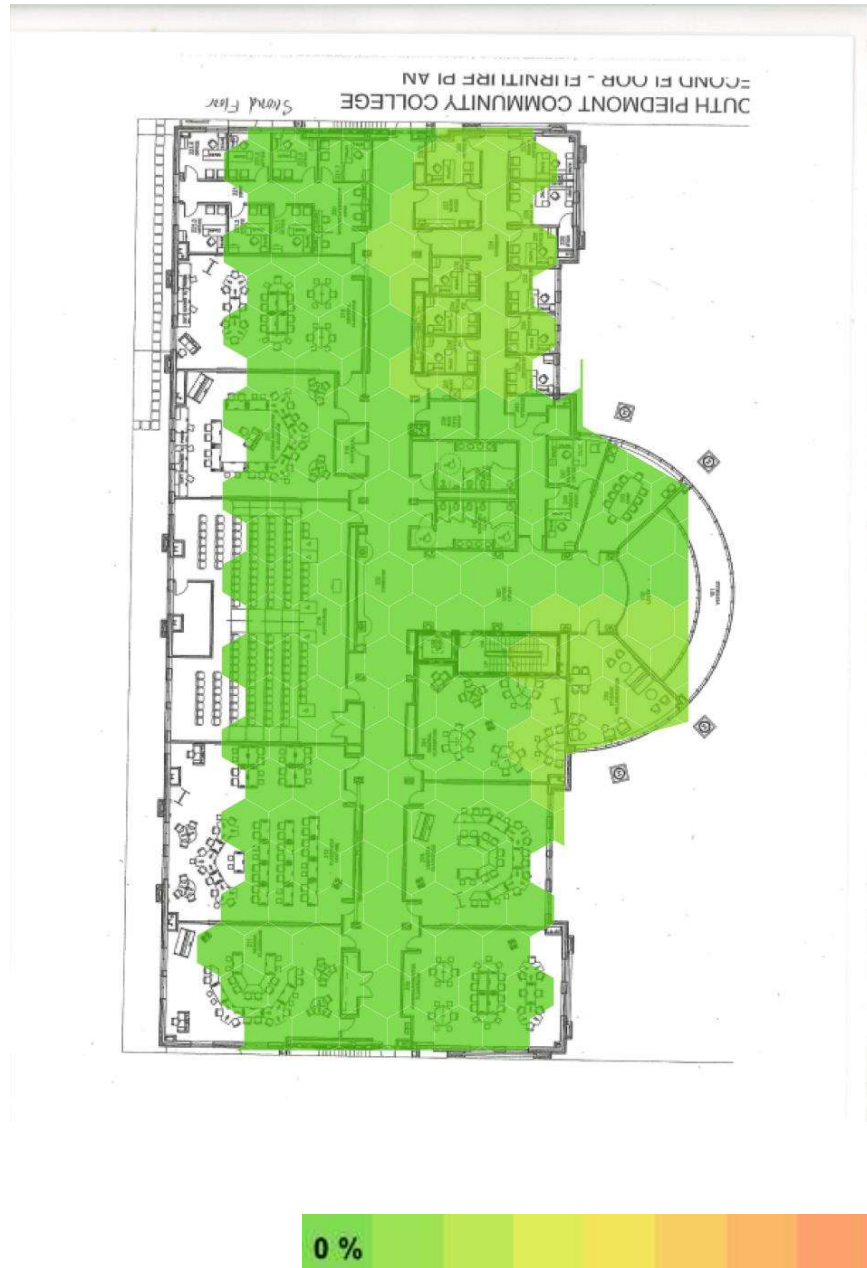
Noise for Main-1st-Floor 2 on 5 GHz band

Displays the noise level in the network as measured by the network adapter.



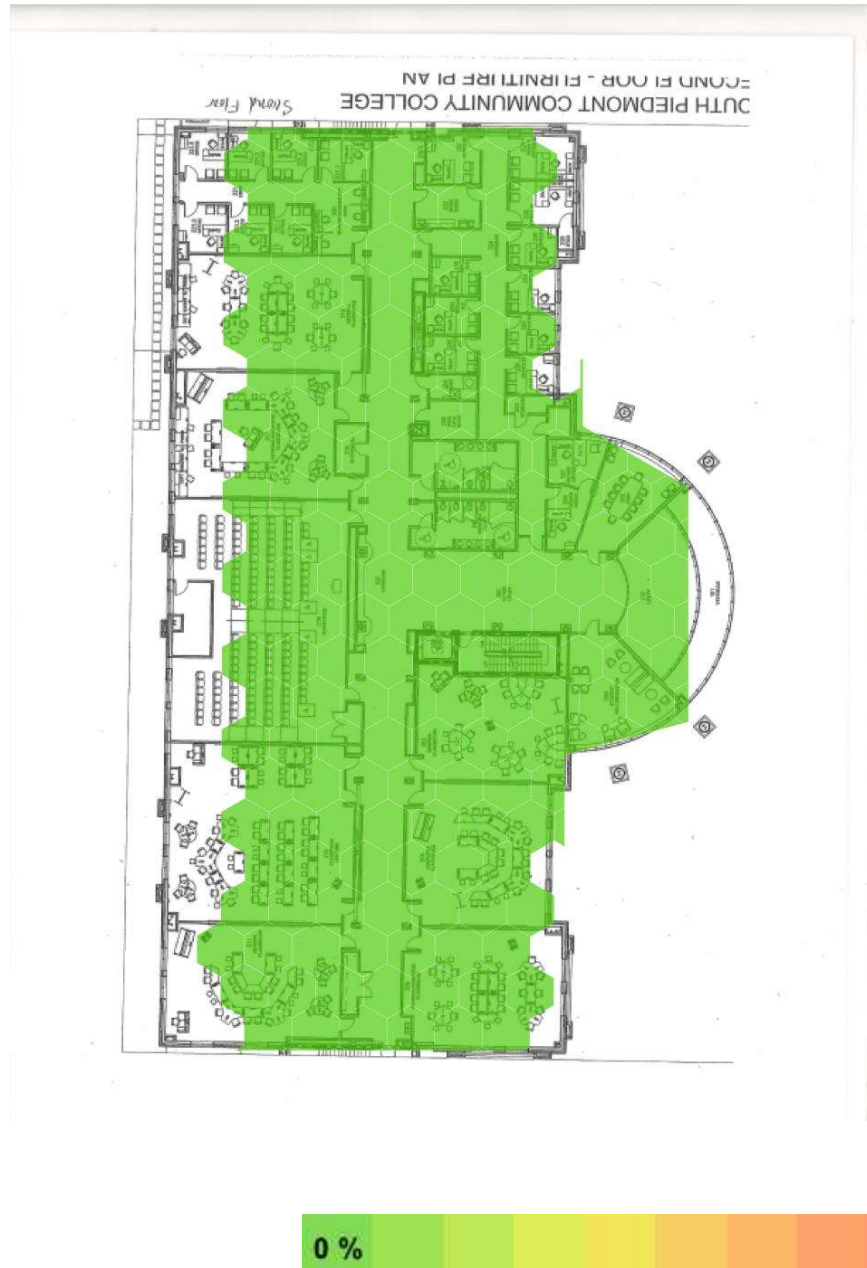
Channel Utilization for Main-1st-Floor 2 on 2.4 GHz band

Channel utilization shows the share of time the spectrum power measured by spectrum analyzer high enough so that the channel can be considered as occupied.

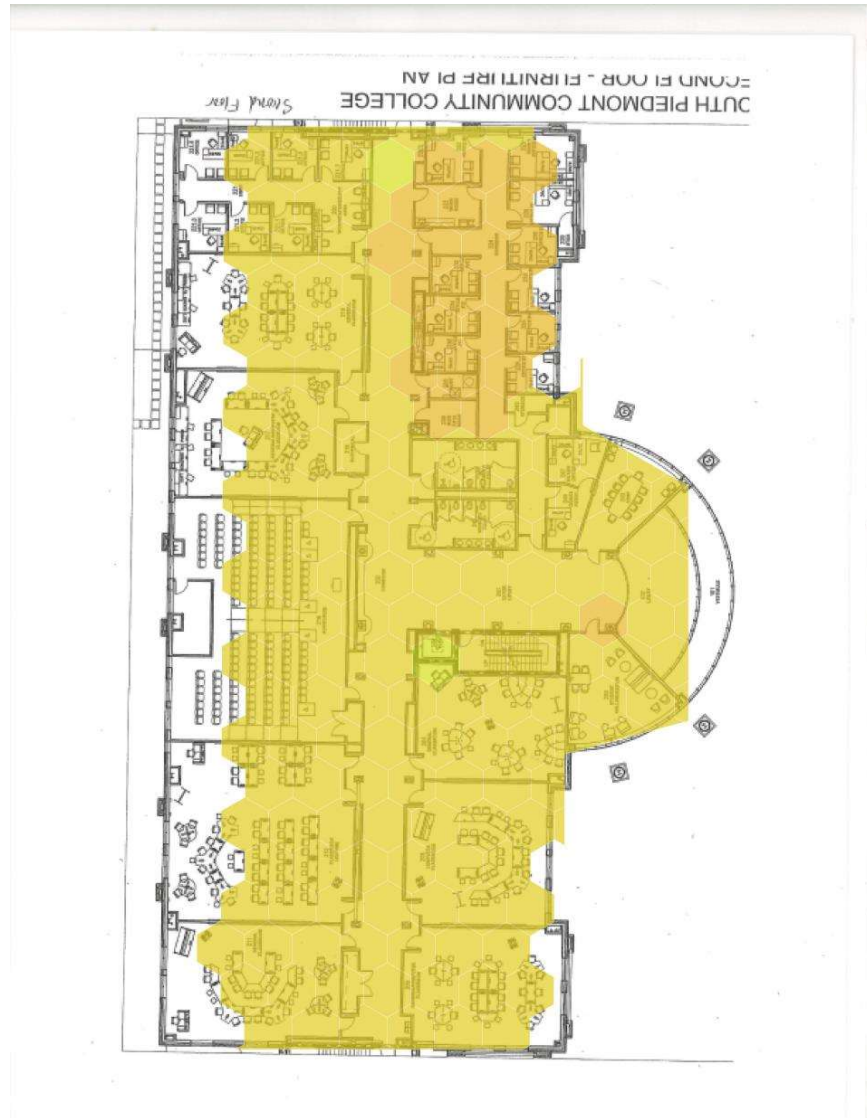


Channel Utilization for Main-1st-Floor 2 on 5 GHz band

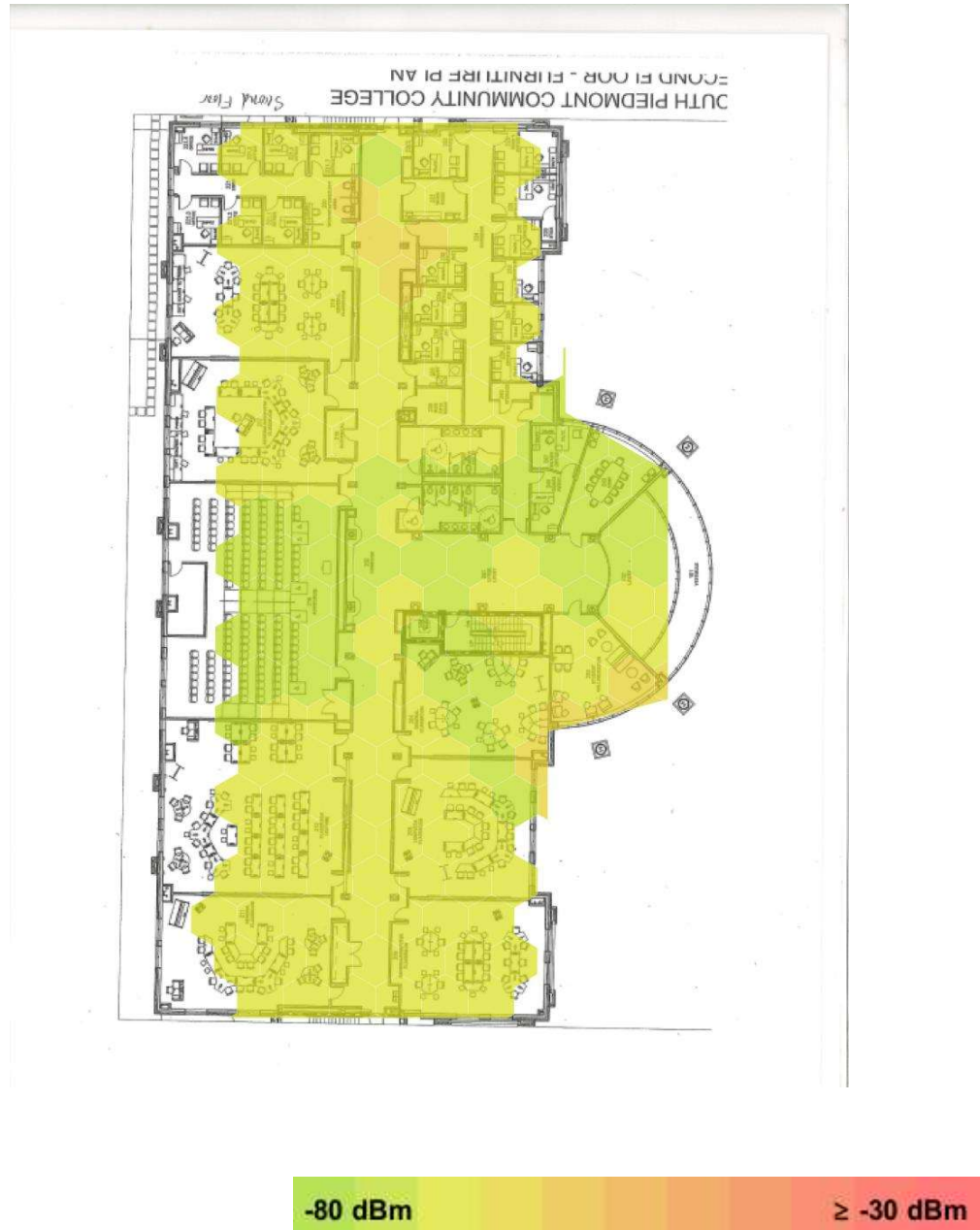
Channel utilization shows the share of time the spectrum power measured by spectrum analyzer high enough so that the channel can be considered as occupied.



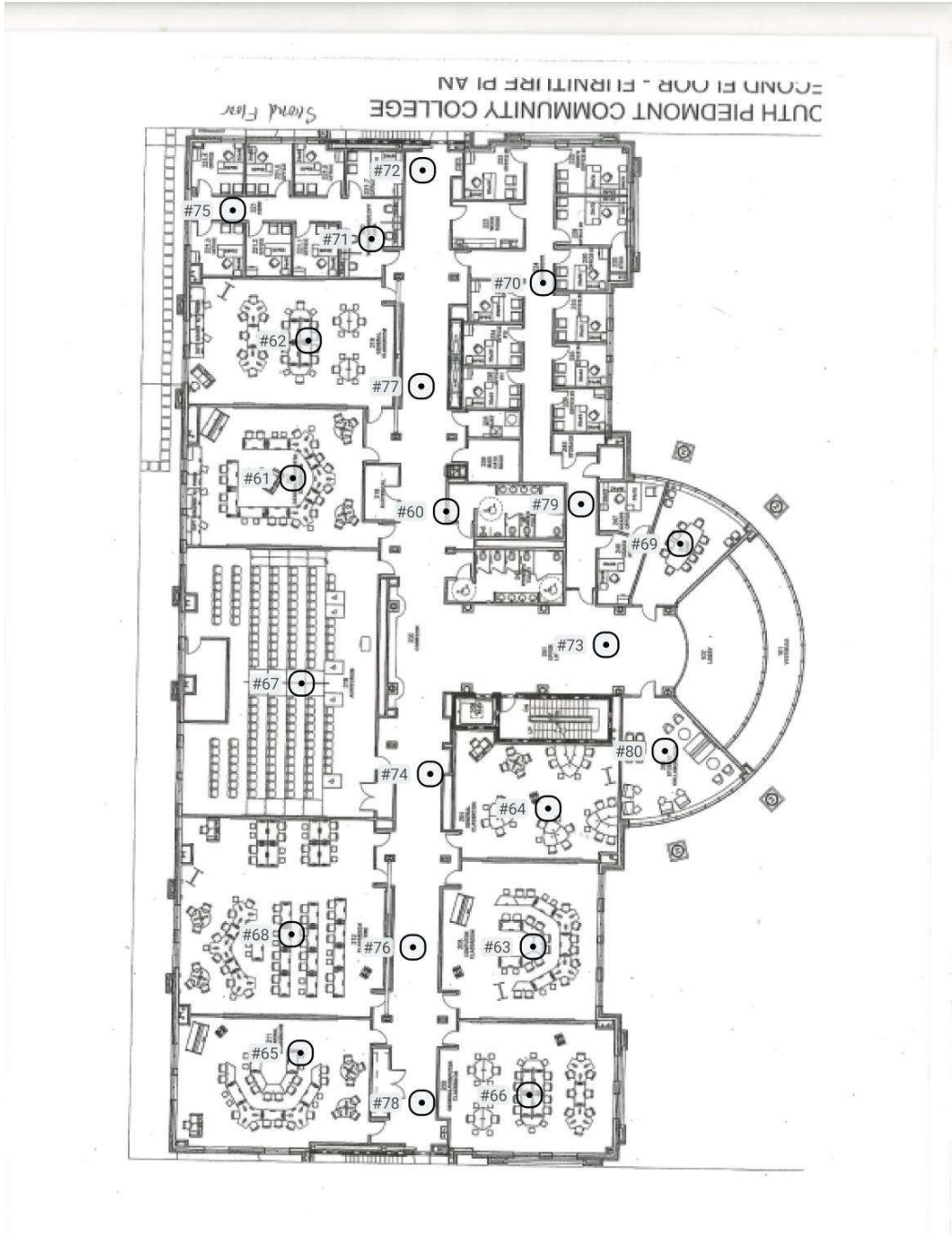
Spectrum Channel Power for Main-1st-Floor 2 on 2.4 GHz band



Spectrum Channel Power for Main-1st-Floor 2 on 5 GHz band



Access Points on Main-1st-Floor 2



My Access Points on Main-1st-Floor 2

Simulated Access Points on Main-1st-Floor 2

None.

Measured Access Points on Main-1st-Floor 2

AP #	Access Point			
61	OCHN-Classroom_		Cisco	
	Wi-Fi 4	6	f8:c2:88:d6:49:60	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	6	f8:c2:88:d6:49:61	
	Wi-Fi 4	6	f8:c2:88:d6:49:61	
	Wi-Fi 4	6	f8:c2:88:d6:49:62	
	Wi-Fi 4	6	f8:c2:88:d6:49:65	
	Wi-Fi 4	6	f8:c2:88:d6:49:66	
	Wi-Fi 4	6	f8:c2:88:d6:49:67	
	Wi-Fi 4	6	f8:c2:88:d6:49:68	
	Wi-Fi 4	6	f8:c2:88:d6:49:69	
	Wi-Fi 5	157	f8:c2:88:d6:49:66	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	Wi-Fi 5	157	f8:c2:88:d6:49:67	
	Wi-Fi 5	157	f8:c2:88:d6:49:68	
	Wi-Fi 5	157	f8:c2:88:d6:49:69	
	Wi-Fi 5	157	f8:c2:88:d6:49:6a	
Wi-Fi 5	157	f8:c2:88:d6:49:6d		
Wi-Fi 5	157	f8:c2:88:d6:49:6e		
Wi-Fi 5	157	f8:c2:88:d6:49:6f		
62	OCHN-Classroom_		Cisco	
	Wi-Fi 4	11	88:f0:31:79:6f:10	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	11	88:f0:31:79:6f:11	
	Wi-Fi 4	11	88:f0:31:79:6f:11	
	Wi-Fi 4	11	88:f0:31:79:6f:12	
	Wi-Fi 4	11	88:f0:31:79:6f:15	
	Wi-Fi 4	11	88:f0:31:79:6f:16	
	Wi-Fi 4	11	88:f0:31:79:6f:17	
	Wi-Fi 4	11	88:f0:31:79:6f:18	
	Wi-Fi 4	11	88:f0:31:79:6f:19	
	Wi-Fi 5	60	88:f0:31:79:6f:16	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
	Wi-Fi 5	60	88:f0:31:79:6f:17	
	Wi-Fi 5	60	88:f0:31:79:6f:18	
	Wi-Fi 5	60	88:f0:31:79:6f:19	
	Wi-Fi 5	60	88:f0:31:79:6f:1a	
Wi-Fi 5	60	88:f0:31:79:6f:1d		
Wi-Fi 5	60	88:f0:31:79:6f:1e		
Wi-Fi 5	60	88:f0:31:79:6f:1f		
63	OCHN-Classroom_		Cisco	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4	11	00:fe:c8:be:b0:40	
	Wi-Fi 4	11	00:fe:c8:be:b0:41	SPCC_S1
	Wi-Fi 4	11	00:fe:c8:be:b0:41	
	Wi-Fi 4	11	00:fe:c8:be:b0:42	
	Wi-Fi 4	11	00:fe:c8:be:b0:45	SPCC_Mac
	Wi-Fi 4	11	00:fe:c8:be:b0:46	SPCC_Guest
	Wi-Fi 4	11	00:fe:c8:be:b0:47	SPCC_D1
	Wi-Fi 4	11	00:fe:c8:be:b0:48	
	Wi-Fi 4	11	00:fe:c8:be:b0:49	SPCC_P1
				HVAC-OCH
	Wi-Fi 5	48	00:fe:c8:be:b0:46	HVAC-OCH
	Wi-Fi 5	48	00:fe:c8:be:b0:47	SPCC_P1
	Wi-Fi 5	48	00:fe:c8:be:b0:48	
	Wi-Fi 5	48	00:fe:c8:be:b0:49	
	Wi-Fi 5	48	00:fe:c8:be:b0:4a	SPCC_D1
	Wi-Fi 5	48	00:fe:c8:be:b0:4d	SPCC_Guest
	Wi-Fi 5	48	00:fe:c8:be:b0:4e	SPCC_Mac
	Wi-Fi 5	48	00:fe:c8:be:b0:4e	SPCC_S1
	Wi-Fi 5	48	00:fe:c8:be:b0:4f	
64	OCHN-Classroom_		Cisco	
	Wi-Fi 4	11	ec:bd:1d:8f:2c:f0	SPCC_W1
	Wi-Fi 4	11	ec:bd:1d:8f:2c:f0	
	Wi-Fi 4	11	ec:bd:1d:8f:2c:f1	
	Wi-Fi 4	11	ec:bd:1d:8f:2c:f2	
	Wi-Fi 4	11	ec:bd:1d:8f:2c:f5	SPCC_Mac
	Wi-Fi 4	11	ec:bd:1d:8f:2c:f6	SPCC_Guest
	Wi-Fi 4	11	ec:bd:1d:8f:2c:f7	SPCC_D1
	Wi-Fi 4	11	ec:bd:1d:8f:2c:f8	
	Wi-Fi 4	11	ec:bd:1d:8f:2c:f9	SPCC_P1
				HVAC-OCH
	Wi-Fi 5	149	ec:bd:1d:8f:2c:f6	HVAC-OCH
	Wi-Fi 5	149	ec:bd:1d:8f:2c:f7	SPCC_P1
	Wi-Fi 5	149	ec:bd:1d:8f:2c:f8	
	Wi-Fi 5	149	ec:bd:1d:8f:2c:f9	
	Wi-Fi 5	149	ec:bd:1d:8f:2c:fa	SPCC_D1
	Wi-Fi 5	149	ec:bd:1d:8f:2c:fd	SPCC_Guest
	Wi-Fi 5	149	ec:bd:1d:8f:2c:fe	SPCC_Mac
	Wi-Fi 5	149	ec:bd:1d:8f:2c:ff	
	Wi-Fi 5	149	ec:bd:1d:8f:2c:ff	SPCC_W1
65	OCHN-Classroom_		Cisco	
	Wi-Fi 4	6	00:fe:c8:c9:56:c0	
	Wi-Fi 4	6	00:fe:c8:c9:56:c1	SPCC_S1
	Wi-Fi 4	6	00:fe:c8:c9:56:c1	
	Wi-Fi 4	6	00:fe:c8:c9:56:c2	
	Wi-Fi 4	6	00:fe:c8:c9:56:c5	SPCC_Mac
	Wi-Fi 4	6	00:fe:c8:c9:56:c6	SPCC_Guest
	Wi-Fi 4	6	00:fe:c8:c9:56:c7	SPCC_D1
	Wi-Fi 4	6	00:fe:c8:c9:56:c8	
	Wi-Fi 4	6	00:fe:c8:c9:56:c9	SPCC_P1
				HVAC-OCH
	Wi-Fi 5	36	00:fe:c8:c9:56:c6	HVAC-OCH
	Wi-Fi 5	36	00:fe:c8:c9:56:c7	SPCC_P1

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5	36	00:fe:c8:c9:56:c8	SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
	Wi-Fi 5	36	00:fe:c8:c9:56:c9	
	Wi-Fi 5	36	00:fe:c8:c9:56:ca	
	Wi-Fi 5	36	00:fe:c8:c9:56:cd	
	Wi-Fi 5	36	00:fe:c8:c9:56:ce	
	Wi-Fi 5	36	00:fe:c8:c9:56:ce	
	Wi-Fi 5	36	00:fe:c8:c9:56:cf	
66	OCHN-Classroom_		Cisco	
	Wi-Fi 4	11	ec:bd:1d:15:5d:b0	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	11	ec:bd:1d:15:5d:b1	
	Wi-Fi 4	11	ec:bd:1d:15:5d:b1	
	Wi-Fi 4	11	ec:bd:1d:15:5d:b2	
	Wi-Fi 4	11	ec:bd:1d:15:5d:b5	
	Wi-Fi 4	11	ec:bd:1d:15:5d:b6	
	Wi-Fi 4	11	ec:bd:1d:15:5d:b7	
	Wi-Fi 4	11	ec:bd:1d:15:5d:b8	
	Wi-Fi 4	11	ec:bd:1d:15:5d:b9	
	Wi-Fi 5	64	ec:bd:1d:15:5d:b6	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
	Wi-Fi 5	64	ec:bd:1d:15:5d:b7	
	Wi-Fi 5	64	ec:bd:1d:15:5d:b8	
	Wi-Fi 5	64	ec:bd:1d:15:5d:b9	
	Wi-Fi 5	64	ec:bd:1d:15:5d:ba	
	Wi-Fi 5	64	ec:bd:1d:15:5d:bd	
	Wi-Fi 5	64	ec:bd:1d:15:5d:be	
	Wi-Fi 5	64	ec:bd:1d:15:5d:be	
	Wi-Fi 5	64	ec:bd:1d:15:5d:bf	
67	OCHN-Classroom_		Cisco	
	Wi-Fi 4	11	f8:c2:88:96:20:50	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	11	f8:c2:88:96:20:51	
	Wi-Fi 4	11	f8:c2:88:96:20:51	
	Wi-Fi 4	11	f8:c2:88:96:20:52	
	Wi-Fi 4	11	f8:c2:88:96:20:55	
	Wi-Fi 4	11	f8:c2:88:96:20:56	
	Wi-Fi 4	11	f8:c2:88:96:20:57	
	Wi-Fi 4	11	f8:c2:88:96:20:58	
	Wi-Fi 4	11	f8:c2:88:96:20:59	
	Wi-Fi 5	36	f8:c2:88:96:20:56	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	Wi-Fi 5	36	f8:c2:88:96:20:57	
	Wi-Fi 5	36	f8:c2:88:96:20:58	
	Wi-Fi 5	36	f8:c2:88:96:20:59	
	Wi-Fi 5	36	f8:c2:88:96:20:5a	
	Wi-Fi 5	36	f8:c2:88:96:20:5d	
	Wi-Fi 5	36	f8:c2:88:96:20:5e	
	Wi-Fi 5	36	f8:c2:88:96:20:5f	
68	OCHN-Classroom_		Cisco	
	Wi-Fi 4	1	00:fe:c8:be:ae:b0	SPCC_S1
	Wi-Fi 4	1	00:fe:c8:be:ae:b1	
	Wi-Fi 4	1	00:fe:c8:be:ae:b1	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4	1	00:fe:c8:be:ae:b2	SPCC_Mac SPCC_Guest SPCC_D1
	Wi-Fi 4	1	00:fe:c8:be:ae:b5	
	Wi-Fi 4	1	00:fe:c8:be:ae:b6	SPCC_P1 HVAC-OCH
	Wi-Fi 4	1	00:fe:c8:be:ae:b7	
	Wi-Fi 4	1	00:fe:c8:be:ae:b8	
	Wi-Fi 4	1	00:fe:c8:be:ae:b9	
	Wi-Fi 5	52	00:fe:c8:be:ae:b6	HVAC-OCH SPCC_P1
	Wi-Fi 5	52	00:fe:c8:be:ae:b7	
	Wi-Fi 5	52	00:fe:c8:be:ae:b8	SPCC_D1 SPCC_Guest
	Wi-Fi 5	52	00:fe:c8:be:ae:b9	
	Wi-Fi 5	52	00:fe:c8:be:ae:ba	SPCC_Mac SPCC_S1
	Wi-Fi 5	52	00:fe:c8:be:ae:bd	
	Wi-Fi 5	52	00:fe:c8:be:ae:be	SPCC_W1
	Wi-Fi 5	52	00:fe:c8:be:ae:be	
	Wi-Fi 5	52	00:fe:c8:be:ae:bf	
	Wi-Fi 5	52	00:fe:c8:be:ae:bf	
69	OCHN-ConfrencR		Cisco	
	Wi-Fi 4	6	00:fe:c8:ab:e2:90	SPCC_Mac SPCC_Guest SPCC_D1
	Wi-Fi 4	6	00:fe:c8:ab:e2:91	
	Wi-Fi 4	6	00:fe:c8:ab:e2:92	SPCC_P1 HVAC-OCH
	Wi-Fi 4	6	00:fe:c8:ab:e2:95	
	Wi-Fi 4	6	00:fe:c8:ab:e2:96	
	Wi-Fi 4	6	00:fe:c8:ab:e2:97	
	Wi-Fi 4	6	00:fe:c8:ab:e2:98	
	Wi-Fi 4	6	00:fe:c8:ab:e2:99	
	Wi-Fi 5	40	00:fe:c8:ab:e2:96	HVAC-OCH SPCC_P1
	Wi-Fi 5	40	00:fe:c8:ab:e2:97	
	Wi-Fi 5	40	00:fe:c8:ab:e2:98	SPCC_D1 SPCC_Guest
	Wi-Fi 5	40	00:fe:c8:ab:e2:99	
	Wi-Fi 5	40	00:fe:c8:ab:e2:9a	SPCC_Mac SPCC_S1
	Wi-Fi 5	40	00:fe:c8:ab:e2:9d	
	Wi-Fi 5	40	00:fe:c8:ab:e2:9e	
	Wi-Fi 5	40	00:fe:c8:ab:e2:9e	
	Wi-Fi 5	40	00:fe:c8:ab:e2:9f	
70	OCHN-Hall-3219		Cisco	
	Wi-Fi 4	1	f8:c2:88:cc:57:a0	SPCC_Mac SPCC_Guest SPCC_D1
	Wi-Fi 4	1	f8:c2:88:cc:57:a1	
	Wi-Fi 4	1	f8:c2:88:cc:57:a2	SPCC_P1 HVAC-OCH
	Wi-Fi 4	1	f8:c2:88:cc:57:a5	
	Wi-Fi 4	1	f8:c2:88:cc:57:a6	
	Wi-Fi 4	1	f8:c2:88:cc:57:a7	
	Wi-Fi 4	1	f8:c2:88:cc:57:a8	
	Wi-Fi 4	1	f8:c2:88:cc:57:a9	
	Wi-Fi 5	149	f8:c2:88:cc:57:a6	HVAC-OCH SPCC_P1
	Wi-Fi 5	149	f8:c2:88:cc:57:a7	
	Wi-Fi 5	149	f8:c2:88:cc:57:a8	SPCC_D1 SPCC_Guest
	Wi-Fi 5	149	f8:c2:88:cc:57:a9	
	Wi-Fi 5	149	f8:c2:88:cc:57:aa	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	149 149 149	f8:c2:88:cc:57:ad f8:c2:88:cc:57:ae f8:c2:88:cc:57:af	SPCC_Mac
71	OCHN-Hall-3221-		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	6 6 6 6 6 6 6	00:fe:c8:ce:ea:00 00:fe:c8:ce:ea:01 00:fe:c8:ce:ea:02 00:fe:c8:ce:ea:05 00:fe:c8:ce:ea:06 00:fe:c8:ce:ea:07 00:fe:c8:ce:ea:08 00:fe:c8:ce:ea:09	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	52 52 52 52 52 52 52	00:fe:c8:ce:ea:06 00:fe:c8:ce:ea:07 00:fe:c8:ce:ea:08 00:fe:c8:ce:ea:09 00:fe:c8:ce:ea:0a 00:fe:c8:ce:ea:0d 00:fe:c8:ce:ea:0e 00:fe:c8:ce:ea:0f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
72	OCHN-Hall-3221-		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	1 1 1 1 1 1 1	f8:c2:88:3c:71:10 f8:c2:88:3c:71:11 f8:c2:88:3c:71:12 f8:c2:88:3c:71:15 f8:c2:88:3c:71:16 f8:c2:88:3c:71:17 f8:c2:88:3c:71:18 f8:c2:88:3c:71:19	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	161 161 161 161 161 161 161	f8:c2:88:3c:71:16 f8:c2:88:3c:71:17 f8:c2:88:3c:71:18 f8:c2:88:3c:71:19 f8:c2:88:3c:71:1a f8:c2:88:3c:71:1d f8:c2:88:3c:71:1e f8:c2:88:3c:71:1f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
73	OCHN-Hall_3121		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	6 6 6 6 6 6 6 6	f8:c2:88:3e:64:30 f8:c2:88:3e:64:30 f8:c2:88:3e:64:31 f8:c2:88:3e:64:32 f8:c2:88:3e:64:35 f8:c2:88:3e:64:36 f8:c2:88:3e:64:37 f8:c2:88:3e:64:38 f8:c2:88:3e:64:39	SPCC_W1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	153 153 153 153 153 153 153 153	f8:c2:88:3e:64:36 f8:c2:88:3e:64:37 f8:c2:88:3e:64:38 f8:c2:88:3e:64:39 f8:c2:88:3e:64:3a f8:c2:88:3e:64:3d f8:c2:88:3e:64:3e f8:c2:88:3e:64:3f f8:c2:88:3e:64:3f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_W1
74	OCHN-Hall_3200-		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	1 1 1 1 1 1 1 1 1	00:c8:8b:24:df:30 00:c8:8b:24:df:30 00:c8:8b:24:df:31 00:c8:8b:24:df:31 00:c8:8b:24:df:32 00:c8:8b:24:df:35 00:c8:8b:24:df:36 00:c8:8b:24:df:37 00:c8:8b:24:df:38 00:c8:8b:24:df:39	SPCC_W1 SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	60 60 60 60 60 60 60 60 60	00:c8:8b:24:df:36 00:c8:8b:24:df:37 00:c8:8b:24:df:38 00:c8:8b:24:df:39 00:c8:8b:24:df:3a 00:c8:8b:24:df:3d 00:c8:8b:24:df:3e 00:c8:8b:24:df:3f 00:c8:8b:24:df:3f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_W1
75	OCHN-Hall_3230		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11 11	54:a2:74:7c:07:40 54:a2:74:7c:07:40 54:a2:74:7c:07:41 54:a2:74:7c:07:42 54:a2:74:7c:07:45 54:a2:74:7c:07:46 54:a2:74:7c:07:47 54:a2:74:7c:07:48 54:a2:74:7c:07:49	SPCC_W1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	40 40 40 40 40 40 40	54:a2:74:7c:07:46 54:a2:74:7c:07:47 54:a2:74:7c:07:48 54:a2:74:7c:07:49 54:a2:74:7c:07:4a 54:a2:74:7c:07:4d 54:a2:74:7c:07:4e 54:a2:74:7c:07:4f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
76	OCHN-Hall_3237		Cisco	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4	11	f8:c2:88:96:27:10	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	11	f8:c2:88:96:27:11	
	Wi-Fi 4	11	f8:c2:88:96:27:11	
	Wi-Fi 4	11	f8:c2:88:96:27:12	
	Wi-Fi 4	11	f8:c2:88:96:27:15	
	Wi-Fi 4	11	f8:c2:88:96:27:16	
	Wi-Fi 4	11	f8:c2:88:96:27:17	
	Wi-Fi 4	11	f8:c2:88:96:27:18	
	Wi-Fi 4	11	f8:c2:88:96:27:19	
	Wi-Fi 5	56	f8:c2:88:96:27:16	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
	Wi-Fi 5	56	f8:c2:88:96:27:17	
	Wi-Fi 5	56	f8:c2:88:96:27:18	
	Wi-Fi 5	56	f8:c2:88:96:27:19	
	Wi-Fi 5	56	f8:c2:88:96:27:1a	
	Wi-Fi 5	56	f8:c2:88:96:27:1d	
	Wi-Fi 5	56	f8:c2:88:96:27:1e	
	Wi-Fi 5	56	f8:c2:88:96:27:1e	
	Wi-Fi 5	56	f8:c2:88:96:27:1f	
77	OCHN-Hall_3237A		Cisco	
	Wi-Fi 4	1	00:fe:c8:bd:a7:e0	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	1	00:fe:c8:bd:a7:e1	
	Wi-Fi 4	1	00:fe:c8:bd:a7:e2	
	Wi-Fi 4	1	00:fe:c8:bd:a7:e5	
	Wi-Fi 4	1	00:fe:c8:bd:a7:e6	
	Wi-Fi 4	1	00:fe:c8:bd:a7:e7	
	Wi-Fi 4	1	00:fe:c8:bd:a7:e8	
	Wi-Fi 4	1	00:fe:c8:bd:a7:e9	
	Wi-Fi 5	48	00:fe:c8:bd:a7:e6	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	Wi-Fi 5	48	00:fe:c8:bd:a7:e7	
	Wi-Fi 5	48	00:fe:c8:bd:a7:e8	
	Wi-Fi 5	48	00:fe:c8:bd:a7:e9	
	Wi-Fi 5	48	00:fe:c8:bd:a7:ea	
	Wi-Fi 5	48	00:fe:c8:bd:a7:ed	
	Wi-Fi 5	48	00:fe:c8:bd:a7:ee	
	Wi-Fi 5	48	00:fe:c8:bd:a7:ef	
78	OCHN-Hall_3246		Cisco	
	Wi-Fi 4	1	00:fe:c8:d0:7e:80	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	1	00:fe:c8:d0:7e:81	
	Wi-Fi 4	1	00:fe:c8:d0:7e:81	
	Wi-Fi 4	1	00:fe:c8:d0:7e:82	
	Wi-Fi 4	1	00:fe:c8:d0:7e:85	
	Wi-Fi 4	1	00:fe:c8:d0:7e:86	
	Wi-Fi 4	1	00:fe:c8:d0:7e:87	
	Wi-Fi 4	1	00:fe:c8:d0:7e:88	
	Wi-Fi 4	1	00:fe:c8:d0:7e:89	
	Wi-Fi 5	161	00:fe:c8:d0:7e:86	HVAC-OCH SPCC_P1
	Wi-Fi 5	161	00:fe:c8:d0:7e:87	
	Wi-Fi 5	161	00:fe:c8:d0:7e:88	
	Wi-Fi 5	161	00:fe:c8:d0:7e:89	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	161 161 161 161	00:fe:c8:d0:7e:8a 00:fe:c8:d0:7e:8d 00:fe:c8:d0:7e:8e 00:fe:c8:d0:7e:8f	SPCC_D1 SPCC_Guest SPCC_Mac
79	OCHN-Hall_OS_32		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11	f8:c2:88:cc:5d:e0 f8:c2:88:cc:5d:e1 f8:c2:88:cc:5d:e2 f8:c2:88:cc:5d:e5 f8:c2:88:cc:5d:e6 f8:c2:88:cc:5d:e7 f8:c2:88:cc:5d:e8 f8:c2:88:cc:5d:e9	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	64 64 64 64 64 64 64 64	f8:c2:88:cc:5d:e6 f8:c2:88:cc:5d:e7 f8:c2:88:cc:5d:e8 f8:c2:88:cc:5d:e9 f8:c2:88:cc:5d:ea f8:c2:88:cc:5d:ed f8:c2:88:cc:5d:ee f8:c2:88:cc:5d:ef	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_W1
80	OCHN-student_ca		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	1 1 1 1 1 1 1 1	00:fe:c8:ce:f1:f0 00:fe:c8:ce:f1:f0 00:fe:c8:ce:f1:f1 00:fe:c8:ce:f1:f2 00:fe:c8:ce:f1:f5 00:fe:c8:ce:f1:f6 00:fe:c8:ce:f1:f7 00:fe:c8:ce:f1:f8 00:fe:c8:ce:f1:f9	SPCC_W1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	44 44 44 44 44 44 44 44	00:fe:c8:ce:f1:f6 00:fe:c8:ce:f1:f7 00:fe:c8:ce:f1:f8 00:fe:c8:ce:f1:f9 00:fe:c8:ce:f1:fa 00:fe:c8:ce:f1:fd 00:fe:c8:ce:f1:fe 00:fe:c8:ce:f1:ff	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_W1

Other Access Points on Main-1st-Floor 2

Simulated Access Points on Main-1st-Floor 2

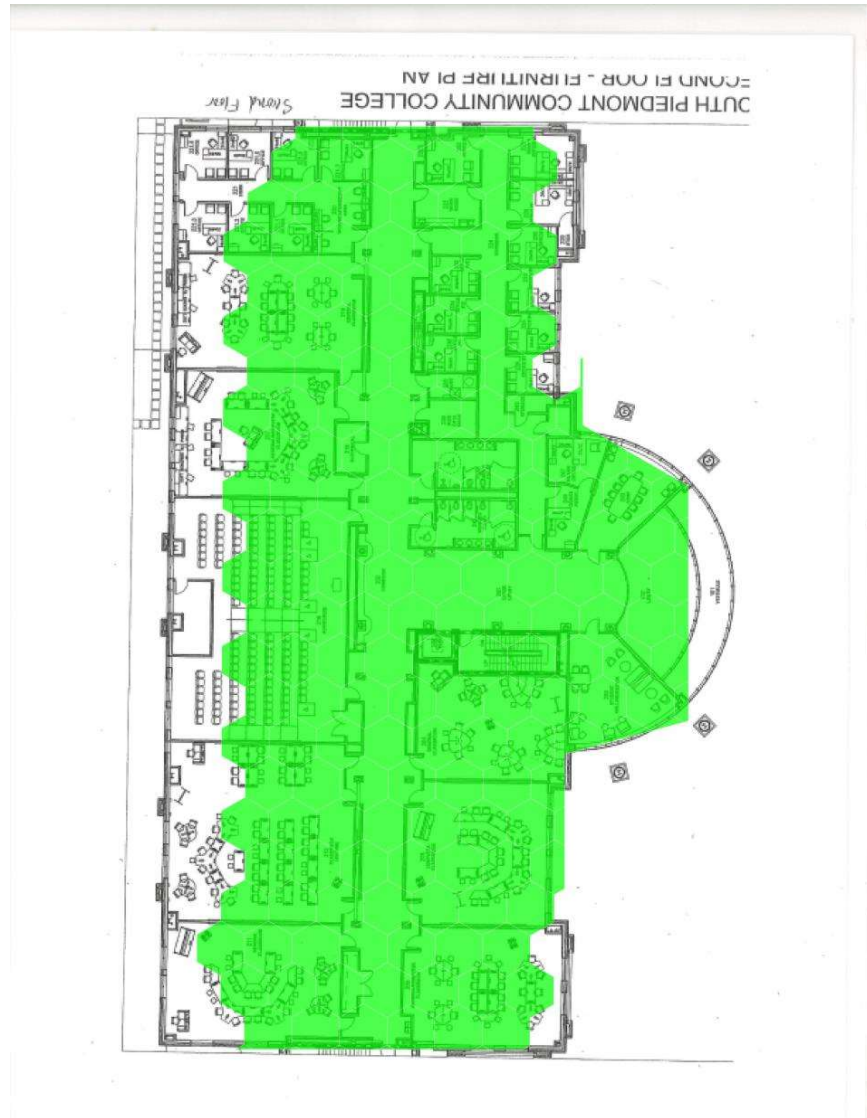
None.

Measured Access Points on Main-1st-Floor 2

AP #	Access Point		
60	Measured AP-20:94		
	Wi-Fi 6	149@80	6a:cf:83:47:20:94

Channel Width for Main-1st-Floor 2 on 2.4 GHz band

Shows the maximum channel width available in each area.



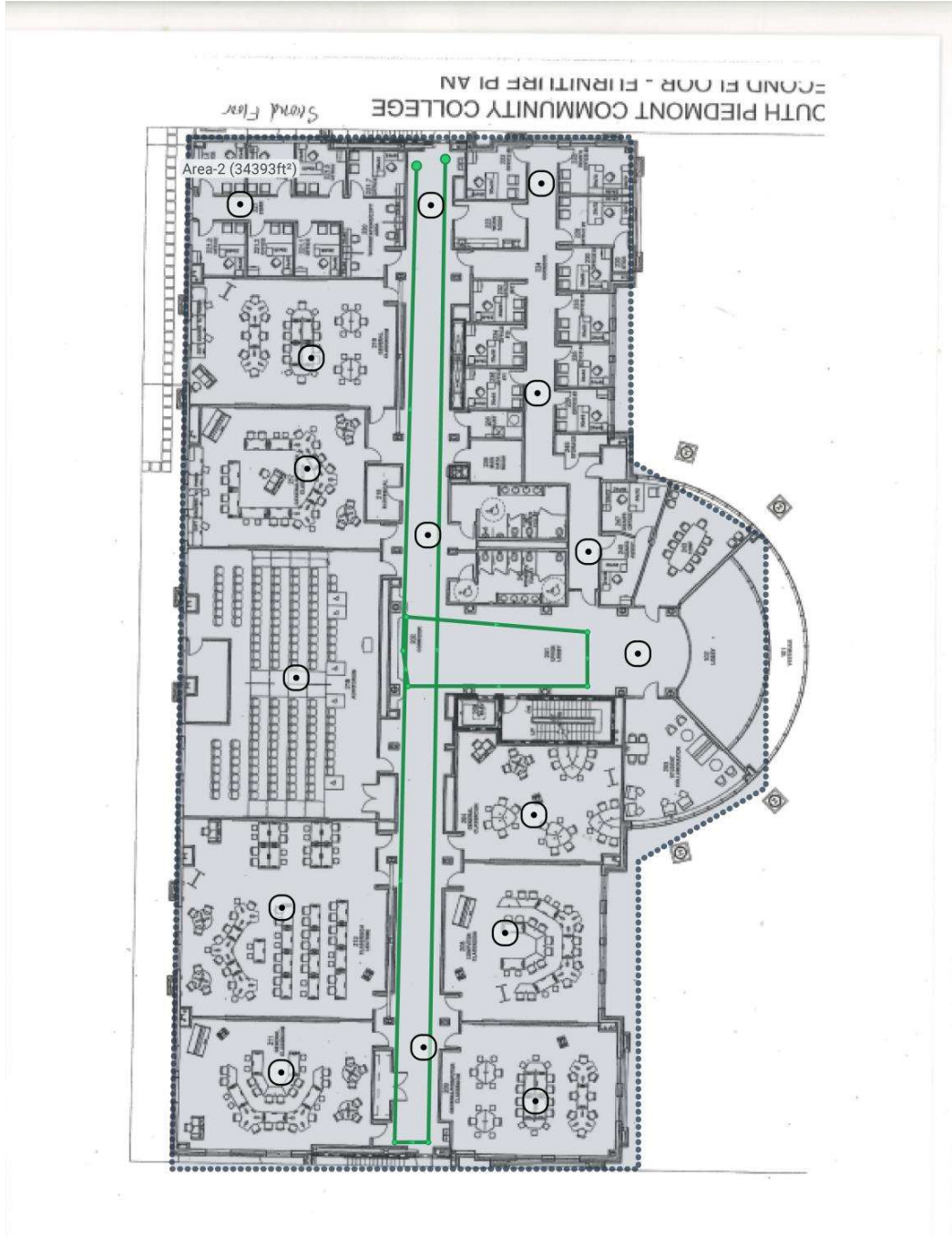
Channel Width for Main-1st-Floor 2 on 5 GHz band

Shows the maximum channel width available in each area.



Main-1st-Floor 3

Survey routes and Access Points for Main-1st-Floor 3



View as / Project Offset:	Measured
---------------------------	----------

Area-2 (34,393 ft²)

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Coverage Requirement: Ekahau Best Practices		
2.4 GHz	Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	20.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	2 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
	Packet Loss Max	0.0 %
5 GHz	Signal Strength Min	-67.0 dBm
	Secondary Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	25.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	1 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
6 GHz	Signal Strength Min	-67.0 dBm
	Secondary Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	25.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	1 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
Capacity Requirement	No capacity devices for this area	
Notes		

Signal Strength for Main-1st-Floor 3 on 2.4 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



Signal Strength for Main-1st-Floor 3 on 5 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



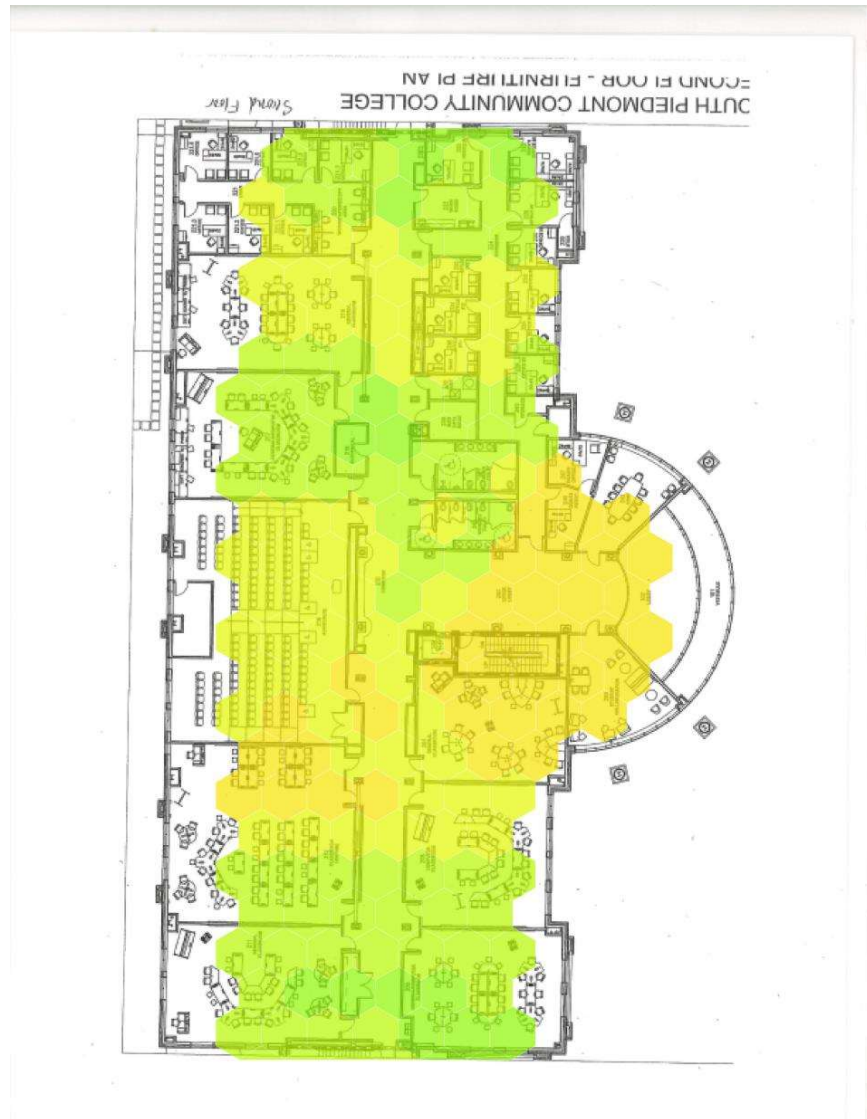
Secondary Signal Strength for Main-1st-Floor 3 on 2.4 GHz band

Secondary Signal Strength shows the second strongest RSSI on any given location on the map. This heatmap helps to ensure smooth roaming for clients and quality of service for certain latency-sensitive applications, such as VoIP calls.



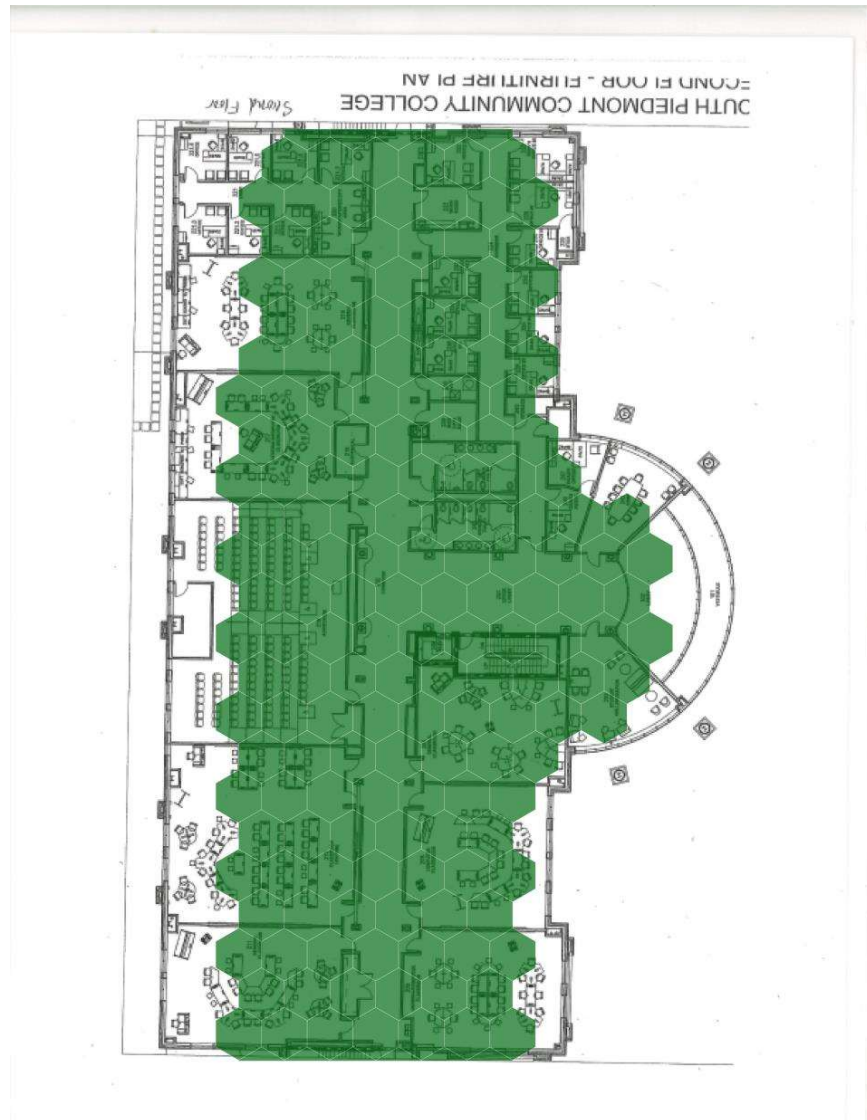
Secondary Signal Strength for Main-1st-Floor 3 on 5 GHz band

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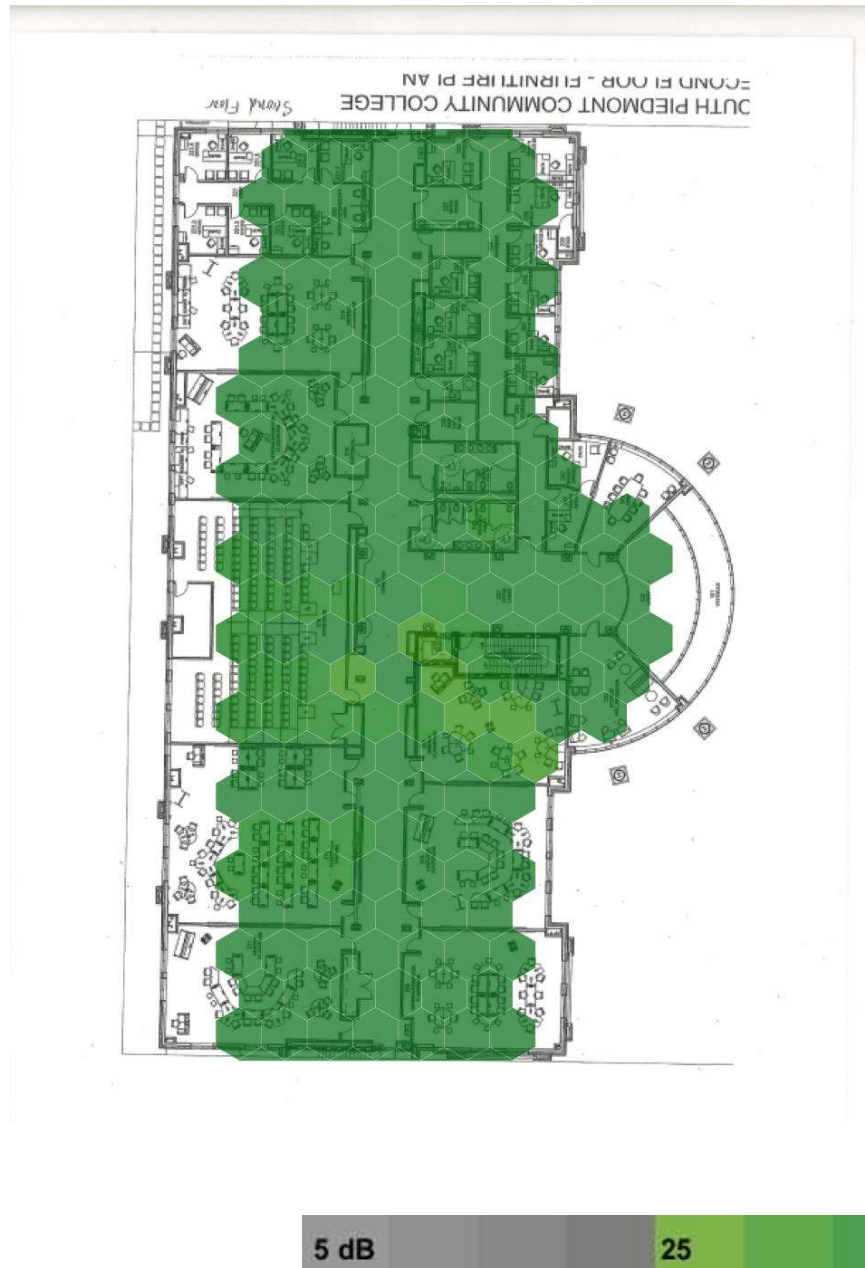
Signal To Noise Ratio (SNR) for Main-1st-Floor 3 on 2.4 GHz band

Signal-To-Noise Ratio indicates how much the signal strength is stronger than the noise (co-channel interference). Signal must be stronger than noise (SNR greater than zero) for data transfer to be possible. If the signal is only barely stronger than noise, you may encounter occasional connection drop-offs.



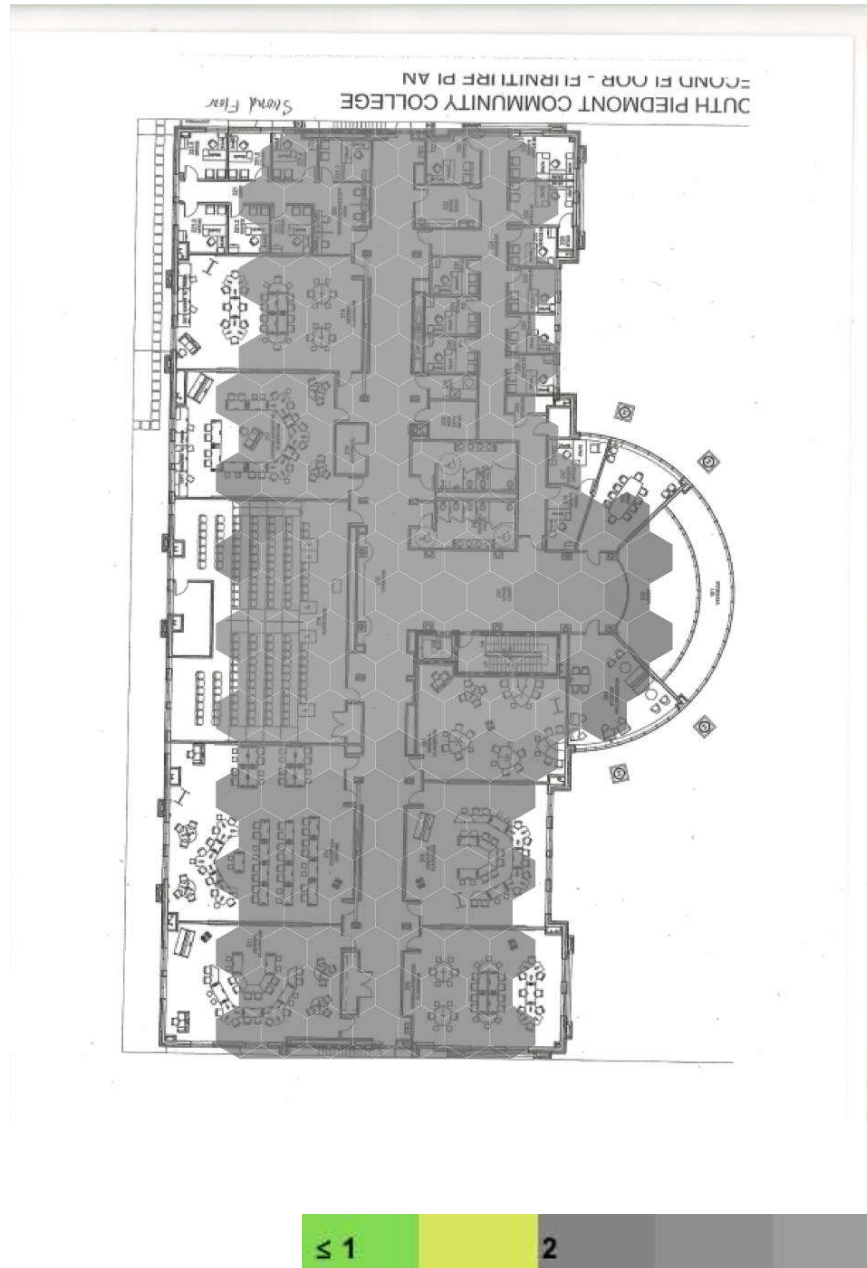
Signal To Noise Ratio (SNR) for Main-1st-Floor 3 on 5 GHz band

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Channel Interference for Main-1st-Floor 3 on 2.4 GHz band

Channel interference indicates the number of access points overlapping at each location in a single channel.



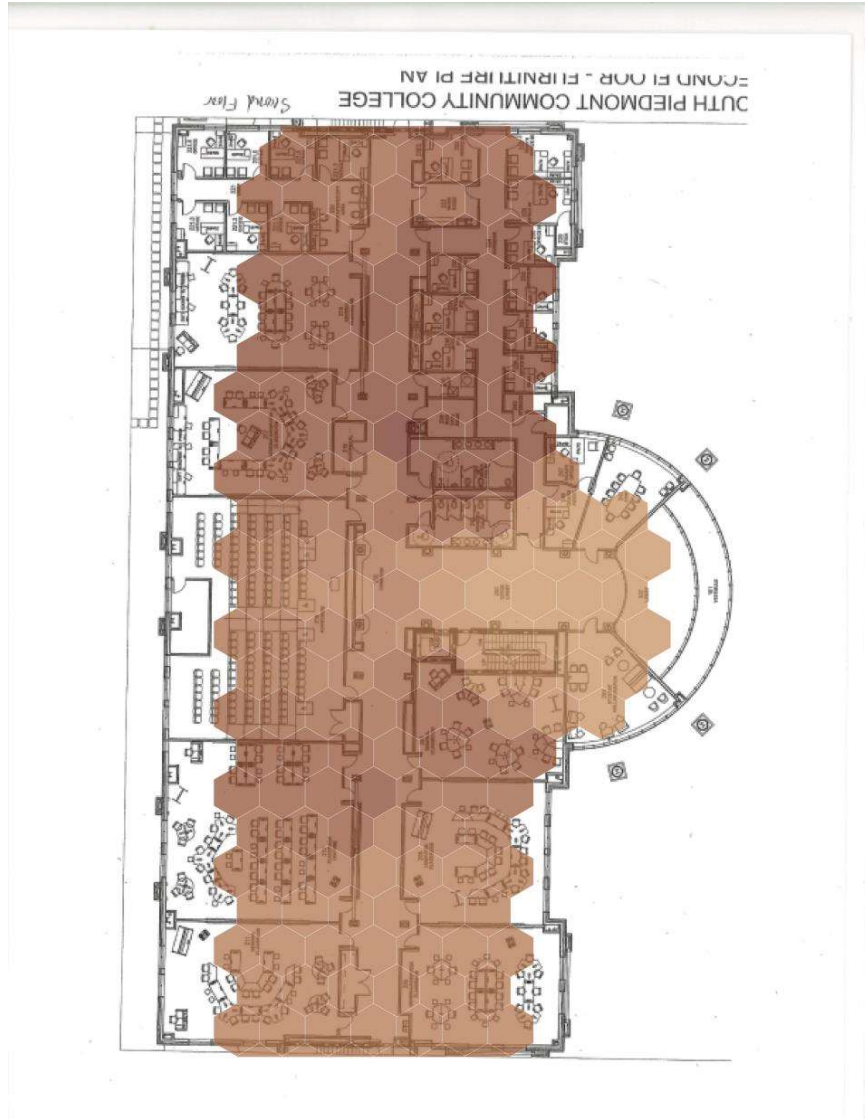
Channel Interference for Main-1st-Floor 3 on 5 GHz band

Channel interference indicates the number of access points overlapping at each location in a single channel.



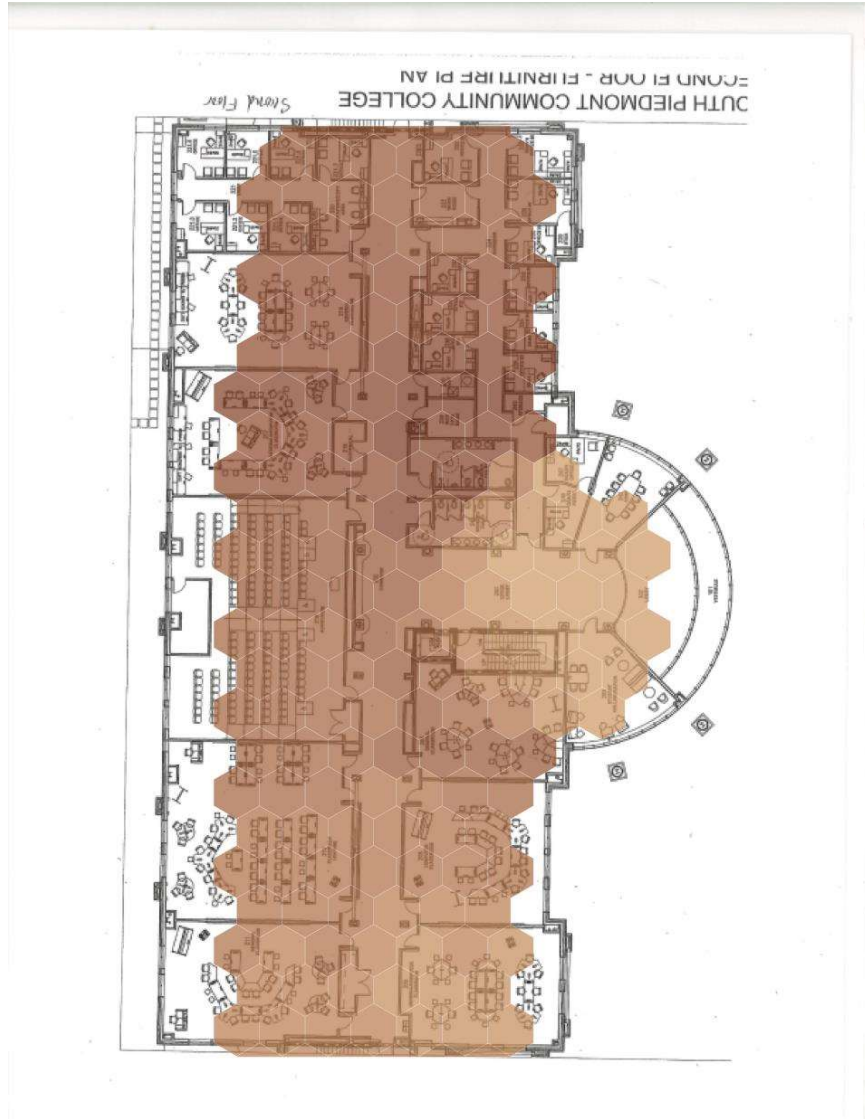
Number of APs for Main-1st-Floor 3 on 2.4 GHz band

Number of Access Points indicates the number of access points audible at each location.



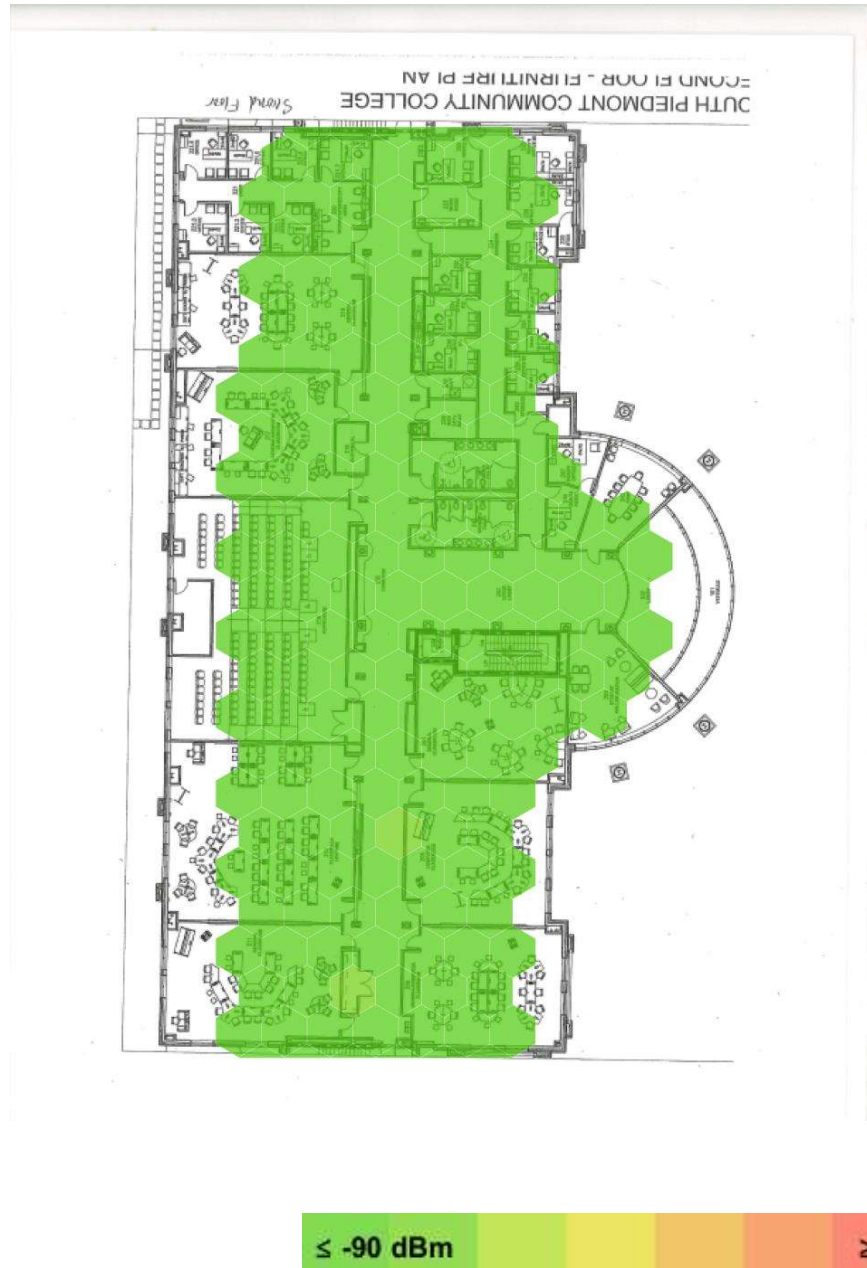
Number of APs for Main-1st-Floor 3 on 5 GHz band

Number of Access Points indicates the number of access points audible at each location.



Noise for Main-1st-Floor 3 on 2.4 GHz band

Displays the noise level in the network as measured by the network adapter.



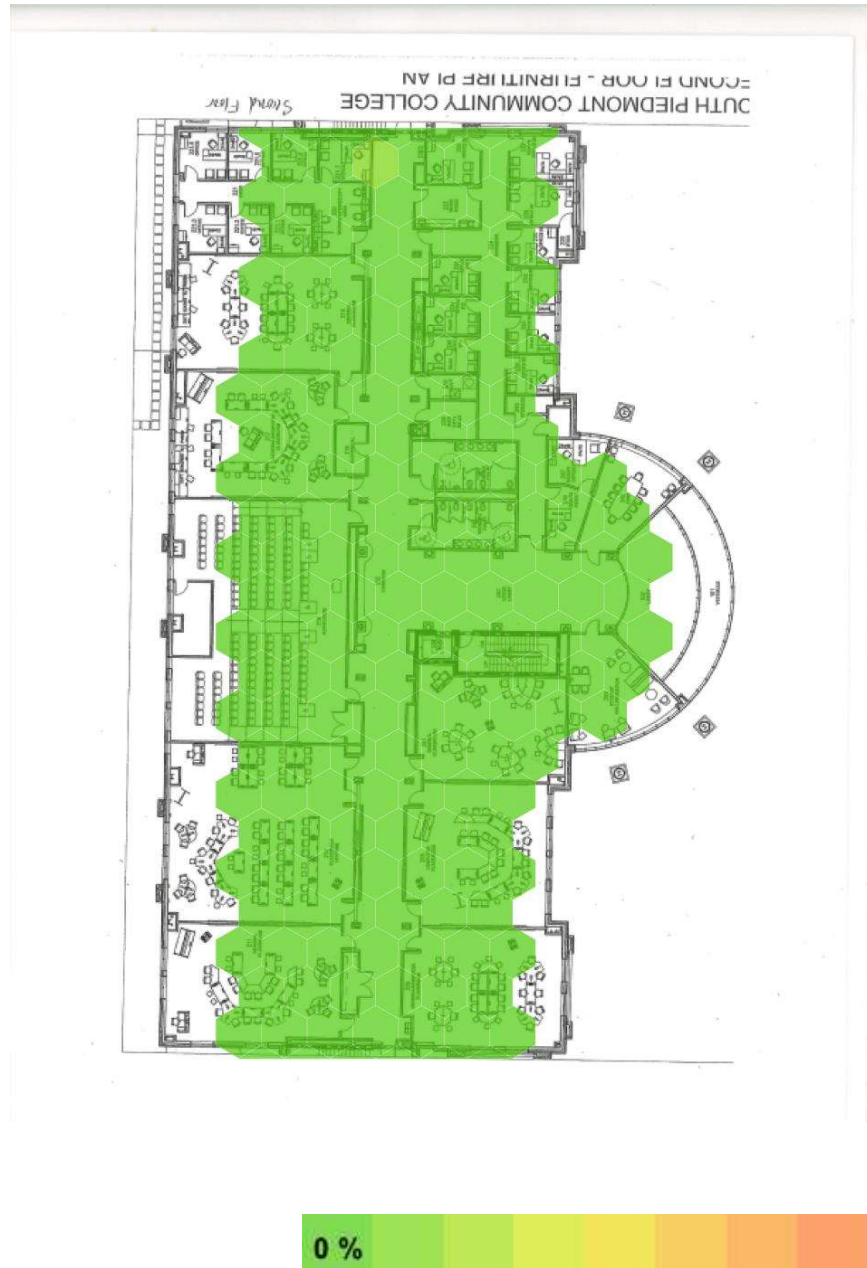
Noise for Main-1st-Floor 3 on 5 GHz band

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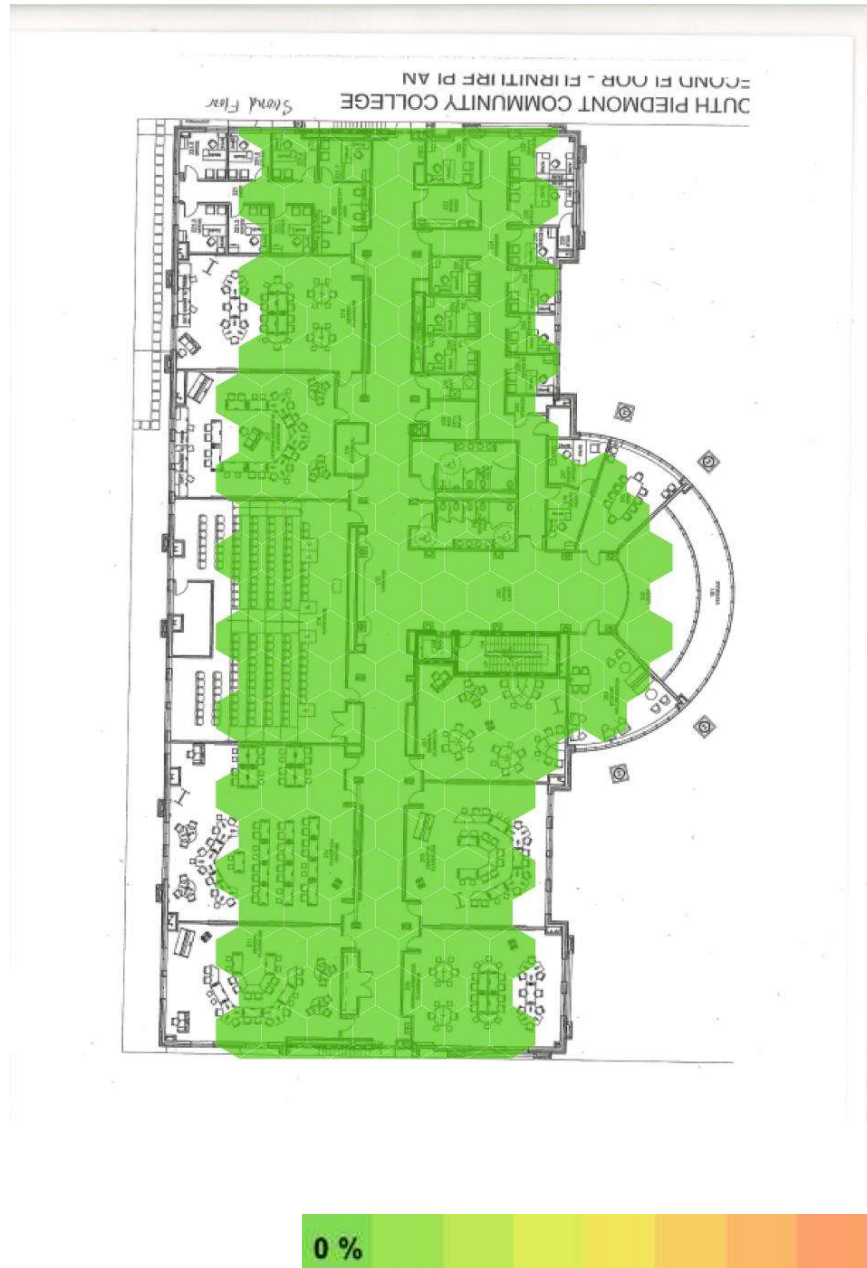
Channel Utilization for Main-1st-Floor 3 on 2.4 GHz band

Channel utilization shows the share of time the spectrum power measured by spectrum analyzer high enough so that the channel can be considered as occupied.

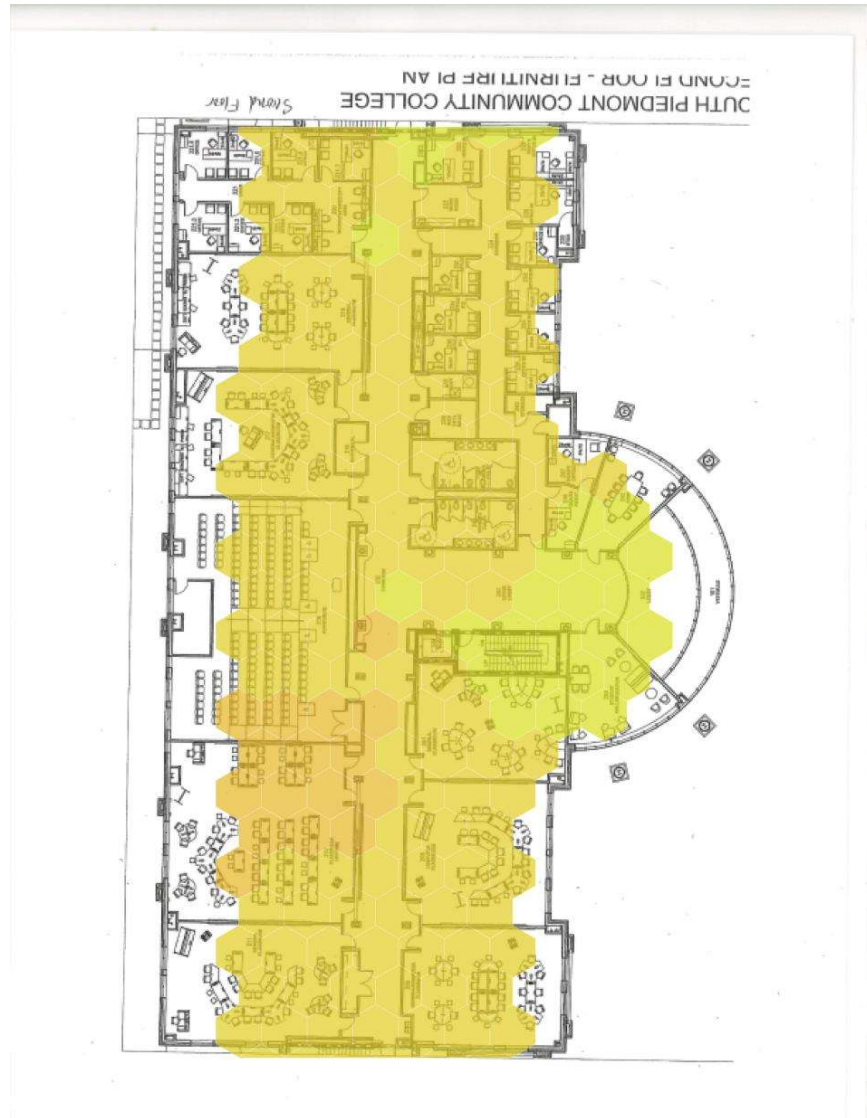


Channel Utilization for Main-1st-Floor 3 on 5 GHz band

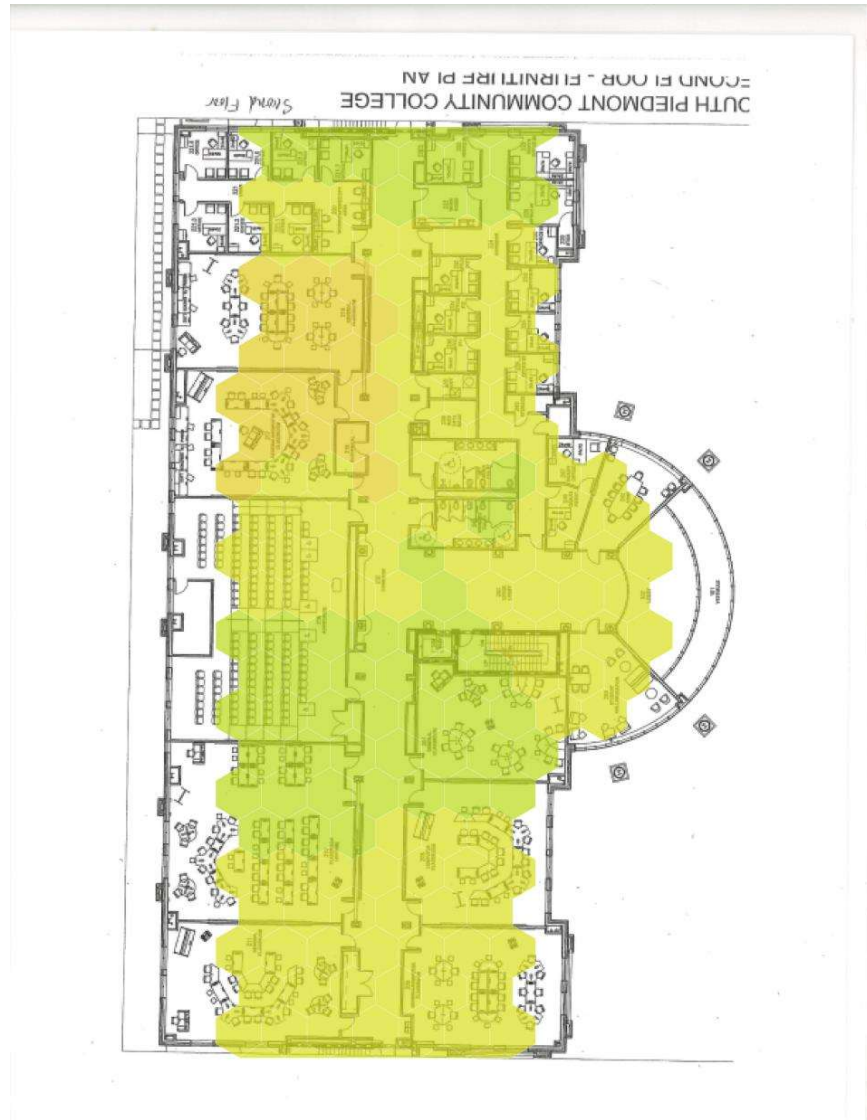
Channel utilization shows the share of time the spectrum power measured by spectrum analyzer high enough so that the channel can be considered as occupied.



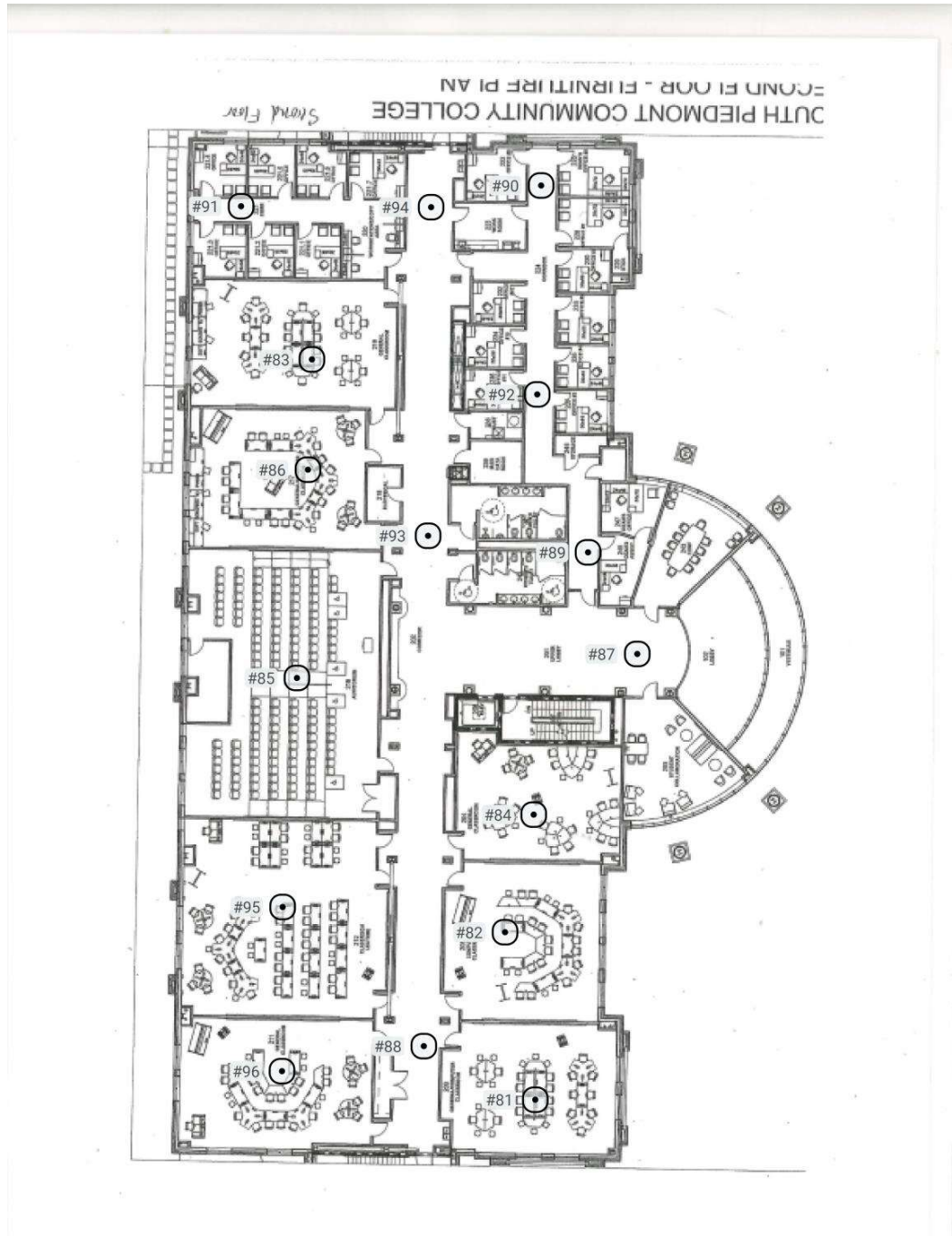
Spectrum Channel Power for Main-1st-Floor 3 on 2.4 GHz band



Spectrum Channel Power for Main-1st-Floor 3 on 5 GHz band



Access Points on Main-1st-Floor 3



My Access Points on Main-1st-Floor 3

Simulated Access Points on Main-1st-Floor 3

None.

Measured Access Points on Main-1st-Floor 3

AP #	Access Point			
82	OCHN-Classroom_		Cisco	
	Wi-Fi 4	1	88:f0:31:40:37:f0	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	1	88:f0:31:40:37:f1	
	Wi-Fi 4	1	88:f0:31:40:37:f2	
	Wi-Fi 4	1	88:f0:31:40:37:f5	
	Wi-Fi 4	1	88:f0:31:40:37:f6	
	Wi-Fi 4	1	88:f0:31:40:37:f7	
	Wi-Fi 4	1	88:f0:31:40:37:f8	
	Wi-Fi 4	1	88:f0:31:40:37:f9	
	Wi-Fi 5	52	88:f0:31:40:37:f6	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	Wi-Fi 5	52	88:f0:31:40:37:f7	
	Wi-Fi 5	52	88:f0:31:40:37:f8	
	Wi-Fi 5	52	88:f0:31:40:37:f9	
	Wi-Fi 5	52	88:f0:31:40:37:fa	
	Wi-Fi 5	52	88:f0:31:40:37:fd	
Wi-Fi 5	52	88:f0:31:40:37:fe		
Wi-Fi 5	52	88:f0:31:40:37:ff		
83	OCHN-Classroom_		Cisco	
	Wi-Fi 4	1	88:f0:31:30:3d:50	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	1	88:f0:31:30:3d:51	
	Wi-Fi 4	1	88:f0:31:30:3d:52	
	Wi-Fi 4	1	88:f0:31:30:3d:55	
	Wi-Fi 4	1	88:f0:31:30:3d:56	
	Wi-Fi 4	1	88:f0:31:30:3d:57	
	Wi-Fi 4	1	88:f0:31:30:3d:58	
	Wi-Fi 4	1	88:f0:31:30:3d:59	
	Wi-Fi 5	36	88:f0:31:30:3d:56	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
	Wi-Fi 5	36	88:f0:31:30:3d:57	
	Wi-Fi 5	36	88:f0:31:30:3d:58	
	Wi-Fi 5	36	88:f0:31:30:3d:59	
	Wi-Fi 5	36	88:f0:31:30:3d:5a	
	Wi-Fi 5	36	88:f0:31:30:3d:5d	
Wi-Fi 5	36	88:f0:31:30:3d:5e		
Wi-Fi 5	36	88:f0:31:30:3d:5e		
84	OCHN-Classroom_		Cisco	
	Wi-Fi 4	6	88:f0:31:69:d0:40	
	Wi-Fi 4	6	88:f0:31:69:d0:41	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	6 6 6 6 6 6	88:f0:31:69:d0:42 88:f0:31:69:d0:45 88:f0:31:69:d0:46 88:f0:31:69:d0:47 88:f0:31:69:d0:48 88:f0:31:69:d0:49	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	60 60 60 60 60 60 60	88:f0:31:69:d0:46 88:f0:31:69:d0:47 88:f0:31:69:d0:48 88:f0:31:69:d0:49 88:f0:31:69:d0:4a 88:f0:31:69:d0:4d 88:f0:31:69:d0:4e 88:f0:31:69:d0:4f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
85	OCHN-Classroom_		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11	f8:c2:88:a1:cd:80 f8:c2:88:a1:cd:80 f8:c2:88:a1:cd:81 f8:c2:88:a1:cd:82 f8:c2:88:a1:cd:85 f8:c2:88:a1:cd:86 f8:c2:88:a1:cd:87 f8:c2:88:a1:cd:88 f8:c2:88:a1:cd:89	SPCC_W1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	48 48 48 48 48 48 48 48	f8:c2:88:a1:cd:86 f8:c2:88:a1:cd:87 f8:c2:88:a1:cd:88 f8:c2:88:a1:cd:89 f8:c2:88:a1:cd:8a f8:c2:88:a1:cd:8d f8:c2:88:a1:cd:8e f8:c2:88:a1:cd:8e f8:c2:88:a1:cd:8f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
86	OCHN-Classroom_		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11 11	88:f0:31:40:38:00 88:f0:31:40:38:00 88:f0:31:40:38:01 88:f0:31:40:38:02 88:f0:31:40:38:05 88:f0:31:40:38:06 88:f0:31:40:38:07 88:f0:31:40:38:08 88:f0:31:40:38:09	SPCC_W1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	153 153 153 153 153 153	88:f0:31:40:38:06 88:f0:31:40:38:07 88:f0:31:40:38:08 88:f0:31:40:38:09 88:f0:31:40:38:0a 88:f0:31:40:38:0d	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5 Wi-Fi 5	153 153	88:f0:31:40:38:0e 88:f0:31:40:38:0f	
87	OCHN-ConfrencR		Cisco	
	Wi-Fi 4	11	f8:c2:88:b0:35:d0	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	11	f8:c2:88:b0:35:d1	
	Wi-Fi 4	11	f8:c2:88:b0:35:d2	
	Wi-Fi 4	11	f8:c2:88:b0:35:d5	
	Wi-Fi 4	11	f8:c2:88:b0:35:d6	
	Wi-Fi 4	11	f8:c2:88:b0:35:d7	
	Wi-Fi 4	11	f8:c2:88:b0:35:d8	
	Wi-Fi 4	11	f8:c2:88:b0:35:d9	
	Wi-Fi 5	40	f8:c2:88:b0:35:d6	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
Wi-Fi 5	40	f8:c2:88:b0:35:d7		
Wi-Fi 5	40	f8:c2:88:b0:35:d8		
Wi-Fi 5	40	f8:c2:88:b0:35:d9		
Wi-Fi 5	40	f8:c2:88:b0:35:da		
Wi-Fi 5	40	f8:c2:88:b0:35:dd		
Wi-Fi 5	40	f8:c2:88:b0:35:de		
Wi-Fi 5	40	f8:c2:88:b0:35:df		
88	OCHN-Hall_3211		Cisco	
	Wi-Fi 4	6	88:f0:31:79:71:30	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	6	88:f0:31:79:71:31	
	Wi-Fi 4	6	88:f0:31:79:71:32	
	Wi-Fi 4	6	88:f0:31:79:71:35	
	Wi-Fi 4	6	88:f0:31:79:71:36	
	Wi-Fi 4	6	88:f0:31:79:71:37	
	Wi-Fi 4	6	88:f0:31:79:71:38	
	Wi-Fi 4	6	88:f0:31:79:71:39	
	Wi-Fi 5	153	88:f0:31:79:71:36	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
Wi-Fi 5	153	88:f0:31:79:71:37		
Wi-Fi 5	153	88:f0:31:79:71:38		
Wi-Fi 5	153	88:f0:31:79:71:39		
Wi-Fi 5	153	88:f0:31:79:71:3a		
Wi-Fi 5	153	88:f0:31:79:71:3d		
Wi-Fi 5	153	88:f0:31:79:71:3e		
Wi-Fi 5	153	88:f0:31:79:71:3f		
89	OCHN-Hall_3319-		Cisco	
	Wi-Fi 4	1	54:a2:74:4e:57:e0	SPCC_W1
	Wi-Fi 4	1	54:a2:74:4e:57:e0	
	Wi-Fi 4	1	54:a2:74:4e:57:e1	SPCC_S1
	Wi-Fi 4	1	54:a2:74:4e:57:e1	
	Wi-Fi 4	1	54:a2:74:4e:57:e2	
	Wi-Fi 4	1	54:a2:74:4e:57:e5	SPCC_Mac
	Wi-Fi 4	1	54:a2:74:4e:57:e6	SPCC_Guest
	Wi-Fi 4	1	54:a2:74:4e:57:e7	SPCC_D1
	Wi-Fi 4	1	54:a2:74:4e:57:e8	
Wi-Fi 4	1	54:a2:74:4e:57:e9	SPCC_P1	

SPCC_TFC_BRASWELL_MAIN_SURVEY

				HVAC-OCH
	Wi-Fi 5	64	54:a2:74:4e:57:e6	HVAC-OCH
	Wi-Fi 5	64	54:a2:74:4e:57:e7	SPCC_P1
	Wi-Fi 5	64	54:a2:74:4e:57:e8	
	Wi-Fi 5	64	54:a2:74:4e:57:e9	SPCC_D1
	Wi-Fi 5	64	54:a2:74:4e:57:ea	SPCC_Guest
	Wi-Fi 5	64	54:a2:74:4e:57:ed	SPCC_Mac
	Wi-Fi 5	64	54:a2:74:4e:57:ee	
	Wi-Fi 5	64	54:a2:74:4e:57:ef	
90	OCHN-Hall_3323		Cisco	
	Wi-Fi 4	6	f8:c2:88:7a:58:00	
	Wi-Fi 4	6	f8:c2:88:7a:58:01	
	Wi-Fi 4	6	f8:c2:88:7a:58:02	
	Wi-Fi 4	6	f8:c2:88:7a:58:05	SPCC_Mac
	Wi-Fi 4	6	f8:c2:88:7a:58:06	SPCC_Guest
	Wi-Fi 4	6	f8:c2:88:7a:58:07	SPCC_D1
	Wi-Fi 4	6	f8:c2:88:7a:58:08	
	Wi-Fi 4	6	f8:c2:88:7a:58:09	SPCC_P1
				HVAC-OCH
	Wi-Fi 5	52	f8:c2:88:7a:58:06	HVAC-OCH
	Wi-Fi 5	52	f8:c2:88:7a:58:07	SPCC_P1
	Wi-Fi 5	52	f8:c2:88:7a:58:08	
	Wi-Fi 5	52	f8:c2:88:7a:58:09	
	Wi-Fi 5	52	f8:c2:88:7a:58:0a	SPCC_D1
	Wi-Fi 5	52	f8:c2:88:7a:58:0d	SPCC_Guest
	Wi-Fi 5	52	f8:c2:88:7a:58:0e	SPCC_Mac
	Wi-Fi 5	52	f8:c2:88:7a:58:0e	SPCC_S1
	Wi-Fi 5	52	f8:c2:88:7a:58:0f	
91	OCHN-Hall_3328		Cisco	
	Wi-Fi 4	6	f8:c2:88:b0:35:c0	SPCC_W1
	Wi-Fi 4	6	f8:c2:88:b0:35:c0	
	Wi-Fi 4	6	f8:c2:88:b0:35:c1	
	Wi-Fi 4	6	f8:c2:88:b0:35:c2	
	Wi-Fi 4	6	f8:c2:88:b0:35:c5	SPCC_Mac
	Wi-Fi 4	6	f8:c2:88:b0:35:c6	SPCC_Guest
	Wi-Fi 4	6	f8:c2:88:b0:35:c7	SPCC_D1
	Wi-Fi 4	6	f8:c2:88:b0:35:c8	
	Wi-Fi 4	6	f8:c2:88:b0:35:c9	SPCC_P1
				HVAC-OCH
	Wi-Fi 5	149	f8:c2:88:b0:35:c6	HVAC-OCH
	Wi-Fi 5	149	f8:c2:88:b0:35:c7	SPCC_P1
	Wi-Fi 5	149	f8:c2:88:b0:35:c8	
	Wi-Fi 5	149	f8:c2:88:b0:35:c9	
	Wi-Fi 5	149	f8:c2:88:b0:35:ca	SPCC_D1
	Wi-Fi 5	149	f8:c2:88:b0:35:cd	SPCC_Guest
	Wi-Fi 5	149	f8:c2:88:b0:35:cd	SPCC_Mac
	Wi-Fi 5	149	f8:c2:88:b0:35:ce	SPCC_S1
	Wi-Fi 5	149	f8:c2:88:b0:35:ce	
	Wi-Fi 5	149	f8:c2:88:b0:35:cf	
92	OCHN-Hall_3331		Cisco	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4	1	f8:c2:88:55:85:f0	
	Wi-Fi 4	1	f8:c2:88:55:85:f1	
	Wi-Fi 4	1	f8:c2:88:55:85:f2	
	Wi-Fi 4	1	f8:c2:88:55:85:f5	SPCC_Mac
	Wi-Fi 4	1	f8:c2:88:55:85:f6	SPCC_Guest
	Wi-Fi 4	1	f8:c2:88:55:85:f7	SPCC_D1
	Wi-Fi 4	1	f8:c2:88:55:85:f8	
	Wi-Fi 4	1	f8:c2:88:55:85:f9	SPCC_P1 HVAC-OCH
	Wi-Fi 5	44	f8:c2:88:55:85:f6	HVAC-OCH
	Wi-Fi 5	44	f8:c2:88:55:85:f7	SPCC_P1
	Wi-Fi 5	44	f8:c2:88:55:85:f8	
	Wi-Fi 5	44	f8:c2:88:55:85:f9	SPCC_D1
	Wi-Fi 5	44	f8:c2:88:55:85:fa	SPCC_Guest
	Wi-Fi 5	44	f8:c2:88:55:85:fd	SPCC_Mac
	Wi-Fi 5	44	f8:c2:88:55:85:fe	
	Wi-Fi 5	44	f8:c2:88:55:85:ff	
93	OCHN-Hall_3338		Cisco	
	Wi-Fi 4	6	f8:c2:88:35:28:60	
	Wi-Fi 4	6	f8:c2:88:35:28:61	
	Wi-Fi 4	6	f8:c2:88:35:28:62	
	Wi-Fi 4	6	f8:c2:88:35:28:65	SPCC_Mac
	Wi-Fi 4	6	f8:c2:88:35:28:66	SPCC_Guest
	Wi-Fi 4	6	f8:c2:88:35:28:67	SPCC_D1
	Wi-Fi 4	6	f8:c2:88:35:28:68	
	Wi-Fi 4	6	f8:c2:88:35:28:69	SPCC_P1 HVAC-OCH
	Wi-Fi 5	56	f8:c2:88:35:28:66	HVAC-OCH
	Wi-Fi 5	56	f8:c2:88:35:28:67	SPCC_P1
	Wi-Fi 5	56	f8:c2:88:35:28:68	
	Wi-Fi 5	56	f8:c2:88:35:28:69	SPCC_D1
	Wi-Fi 5	56	f8:c2:88:35:28:6a	SPCC_Guest
	Wi-Fi 5	56	f8:c2:88:35:28:6d	SPCC_Mac
	Wi-Fi 5	56	f8:c2:88:35:28:6e	
	Wi-Fi 5	56	f8:c2:88:35:28:6f	
94	OCHN-Hall_3340		Cisco	
	Wi-Fi 4	11	f8:c2:88:b0:36:00	SPCC_W1
	Wi-Fi 4	11	f8:c2:88:b0:36:00	
	Wi-Fi 4	11	f8:c2:88:b0:36:01	SPCC_S1
	Wi-Fi 4	11	f8:c2:88:b0:36:01	
	Wi-Fi 4	11	f8:c2:88:b0:36:02	
	Wi-Fi 4	11	f8:c2:88:b0:36:05	SPCC_Mac
	Wi-Fi 4	11	f8:c2:88:b0:36:06	SPCC_Guest
	Wi-Fi 4	11	f8:c2:88:b0:36:07	SPCC_D1
	Wi-Fi 4	11	f8:c2:88:b0:36:08	
	Wi-Fi 4	11	f8:c2:88:b0:36:09	SPCC_P1 HVAC-OCH
	Wi-Fi 5	161	f8:c2:88:b0:36:06	HVAC-OCH
	Wi-Fi 5	161	f8:c2:88:b0:36:07	SPCC_P1
	Wi-Fi 5	161	f8:c2:88:b0:36:08	
	Wi-Fi 5	161	f8:c2:88:b0:36:09	SPCC_D1
	Wi-Fi 5	161	f8:c2:88:b0:36:0a	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	161 161 161 161	f8:c2:88:b0:36:0d f8:c2:88:b0:36:0e f8:c2:88:b0:36:0e f8:c2:88:b0:36:0f	SPCC_Guest SPCC_Mac SPCC_S1
95	OCHN-classroom_		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	1 1 1 1 1 1 1 1	88:f0:31:34:55:d0 88:f0:31:34:55:d1 88:f0:31:34:55:d1 88:f0:31:34:55:d2 88:f0:31:34:55:d5 88:f0:31:34:55:d6 88:f0:31:34:55:d7 88:f0:31:34:55:d8 88:f0:31:34:55:d9	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	56 56 56 56 56 56 56 56	88:f0:31:34:55:d6 88:f0:31:34:55:d7 88:f0:31:34:55:d8 88:f0:31:34:55:d9 88:f0:31:34:55:da 88:f0:31:34:55:dd 88:f0:31:34:55:de 88:f0:31:34:55:de 88:f0:31:34:55:df	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
96	OCHN-classroom_		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11	f8:c2:88:d6:45:10 f8:c2:88:d6:45:11 f8:c2:88:d6:45:11 f8:c2:88:d6:45:12 f8:c2:88:d6:45:15 f8:c2:88:d6:45:16 f8:c2:88:d6:45:17 f8:c2:88:d6:45:18 f8:c2:88:d6:45:19	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	44 44 44 44 44 44 44	f8:c2:88:d6:45:16 f8:c2:88:d6:45:17 f8:c2:88:d6:45:18 f8:c2:88:d6:45:19 f8:c2:88:d6:45:1a f8:c2:88:d6:45:1d f8:c2:88:d6:45:1e f8:c2:88:d6:45:1f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac

Other Access Points on Main-1st-Floor 3

Simulated Access Points on Main-1st-Floor 3

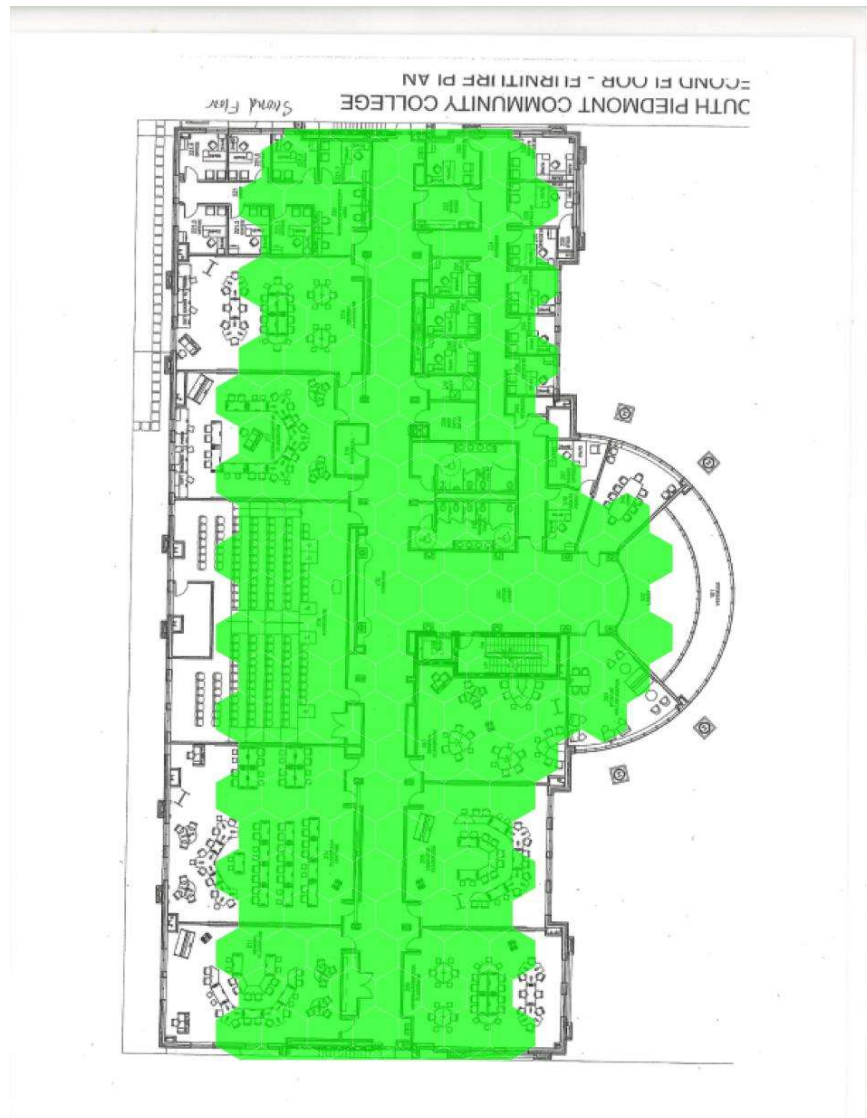
None.

Measured Access Points on Main-1st-Floor 3

AP #	Access Point			
81	Measured AP-db:e4		Shanghai High-Flying	
	Wi-Fi 4	6	98:d8:63:38:db:e4	ICC50W7914

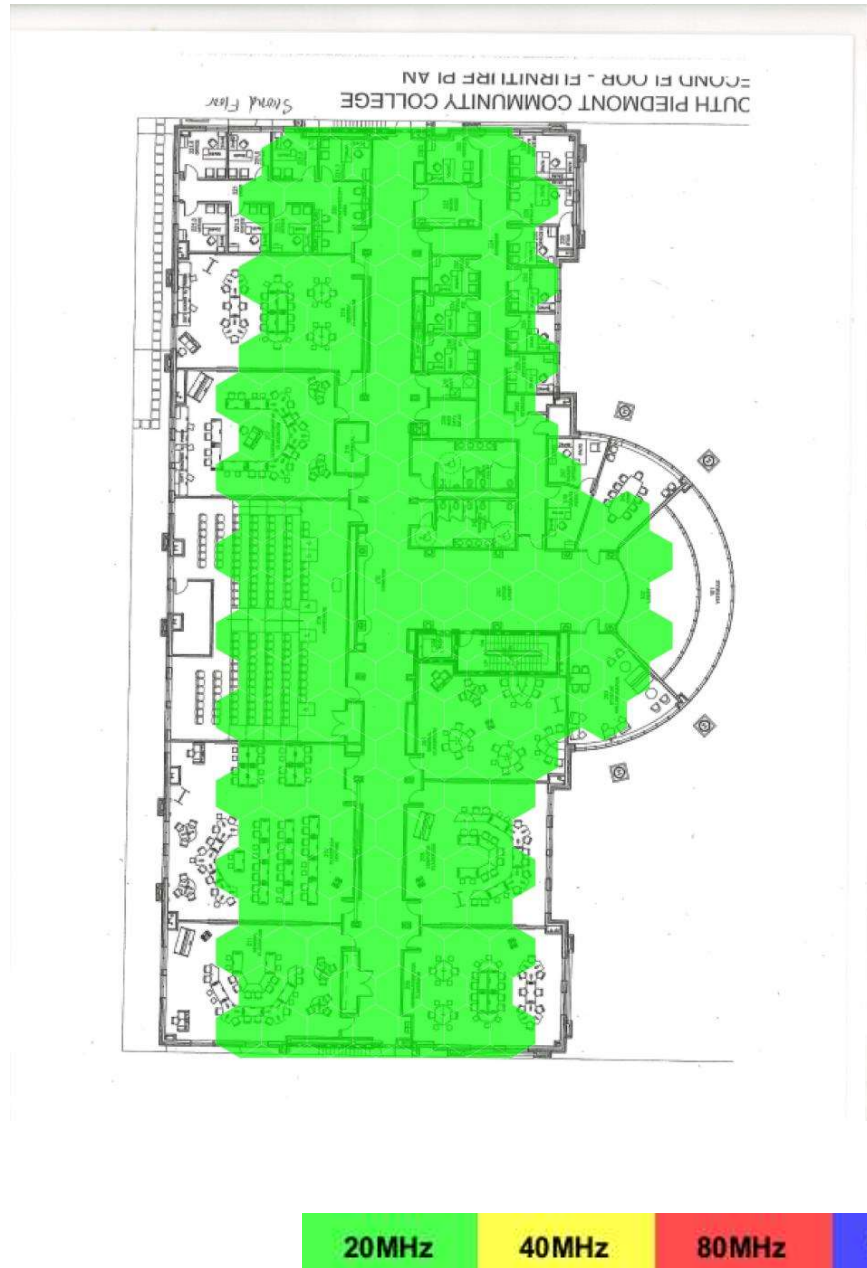
Channel Width for Main-1st-Floor 3 on 2.4 GHz band

Shows the maximum channel width available in each area.



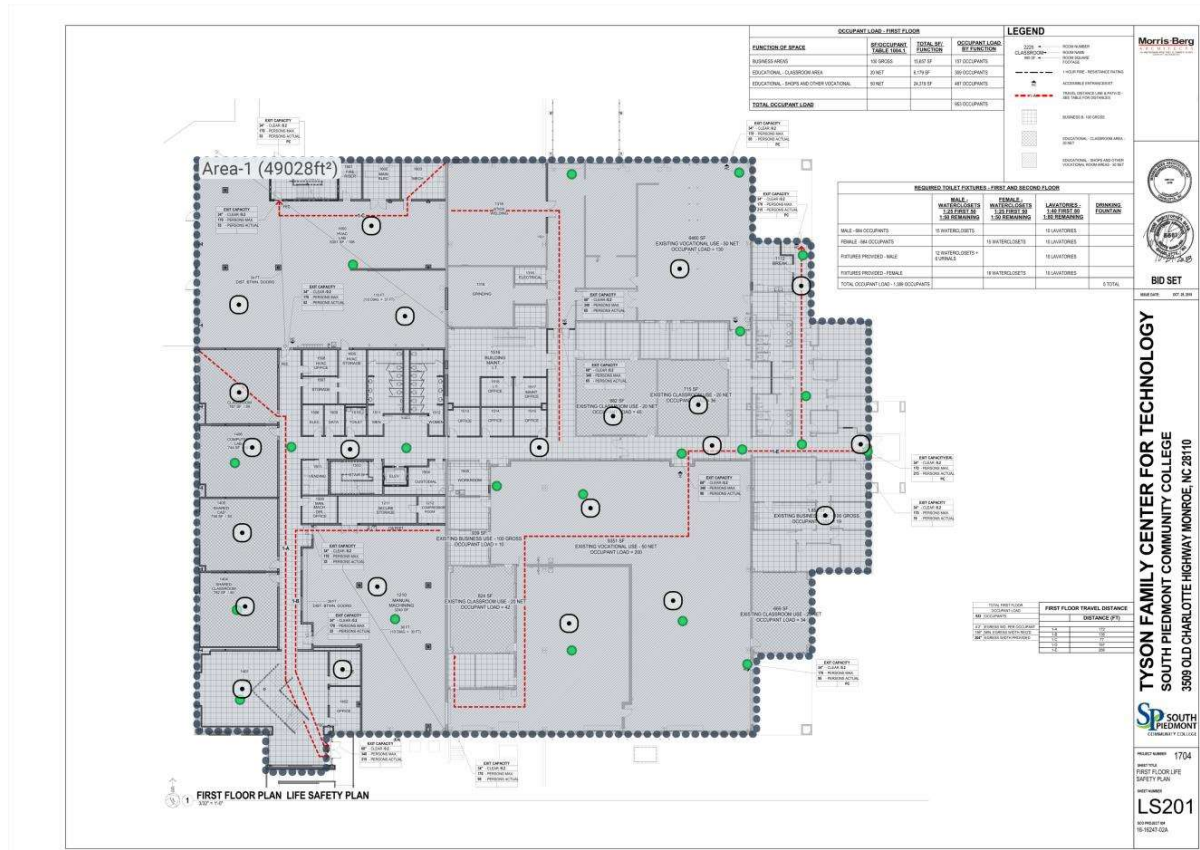
Channel Width for Main-1st-Floor 3 on 5 GHz band

Shows the maximum channel width available in each area.



SPCC - Tyson Family Center for Tech_First Fir_LSP_02-06-2020 3

Survey routes and Access Points for SPCC - Tyson Family Center for Tech_First Fir_LSP_02-06-2020 3



View as / Project Offset:	Measured
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Area-1 (49,028 ft²)

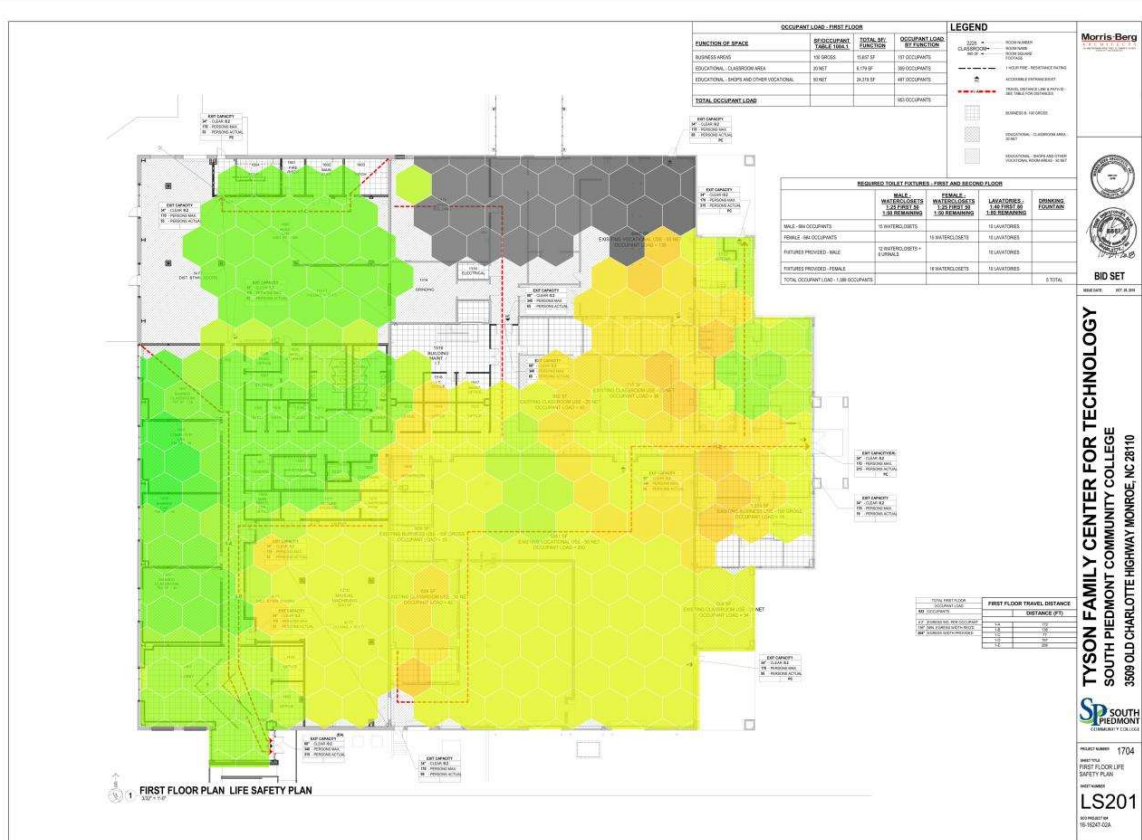
Coverage Requirement: Ekahau Best Practices		
2.4 GHz	Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	20.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	2 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Packet Loss Max	0.0 %
5 GHz	Signal Strength Min	-67.0 dBm
	Secondary Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	25.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	1 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
	Packet Loss Max	0.0 %
6 GHz	Signal Strength Min	-67.0 dBm
	Secondary Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	25.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	1 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
	Packet Loss Max	0.0 %
Capacity Requirement	No capacity devices for this area	
Notes		

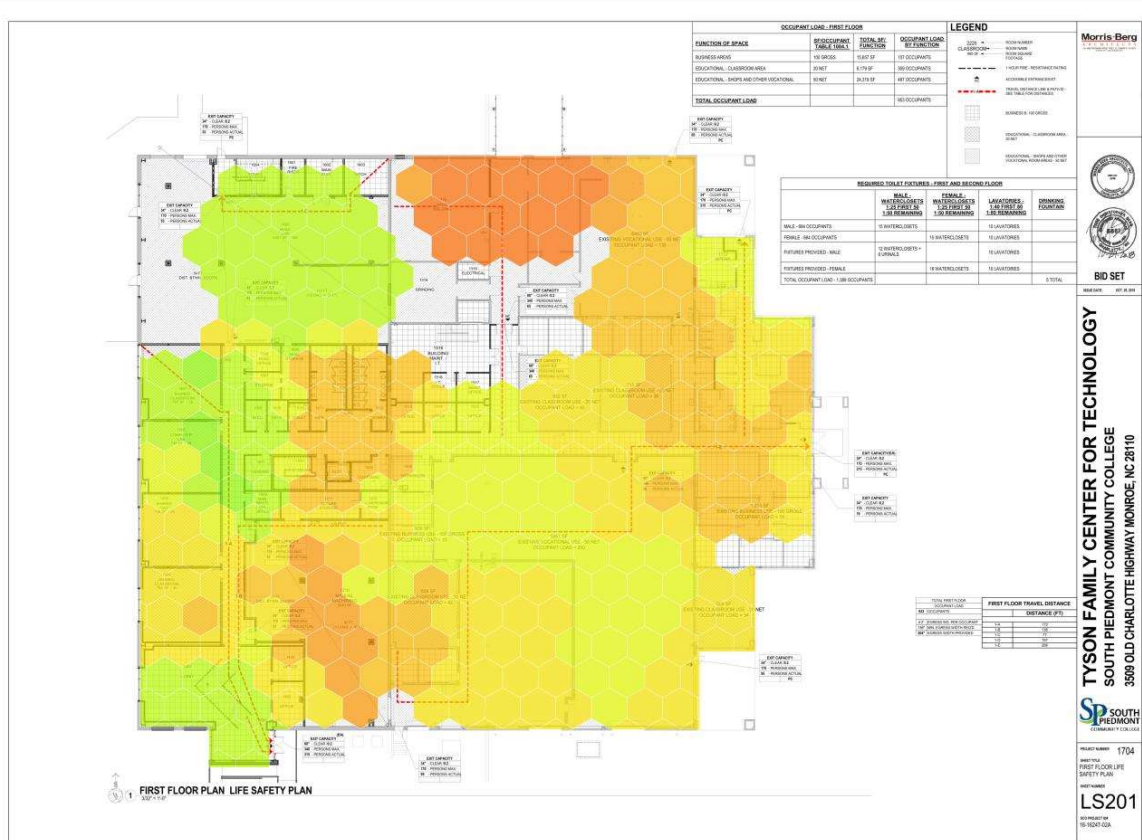
Signal Strength for SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3 on 2.4 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



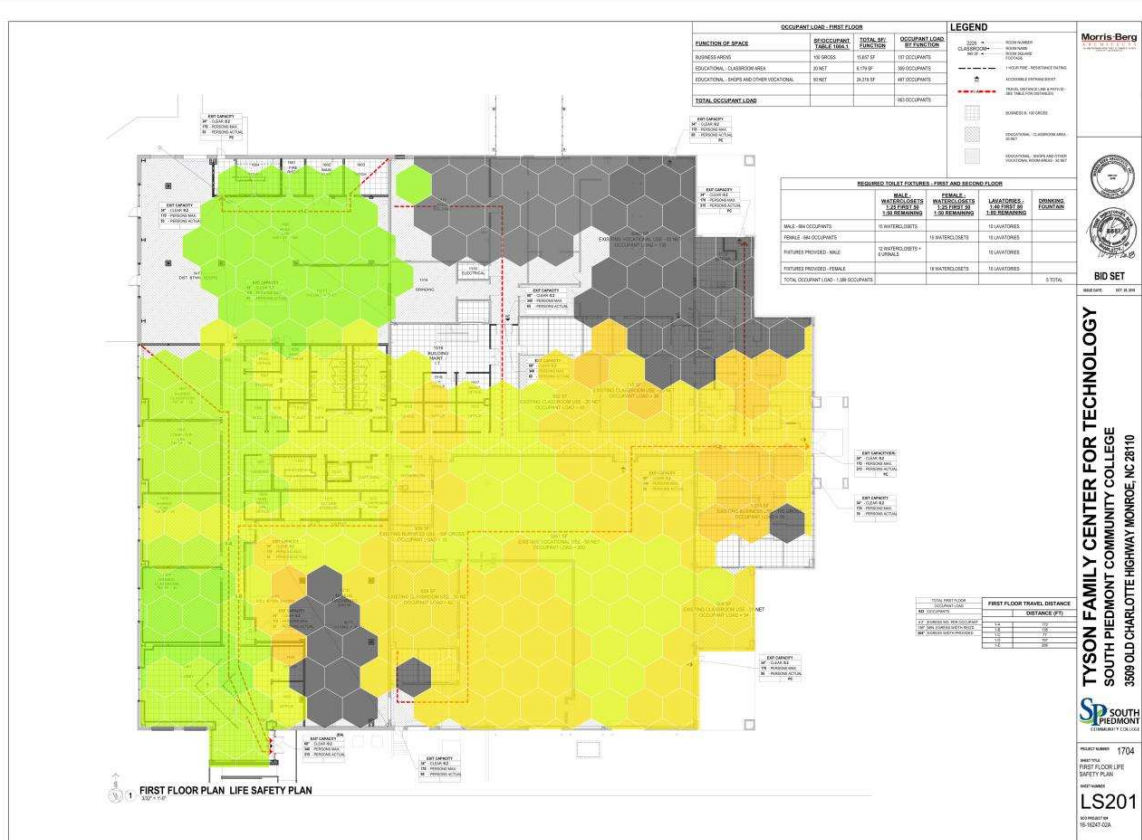
Secondary Signal Strength for SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3 on 2.4 GHz band

Secondary Signal Strength shows the second strongest RSSI on any given location on the map. This heatmap helps to ensure smooth roaming for clients and quality of service for certain latency-sensitive applications, such as VoIP calls.



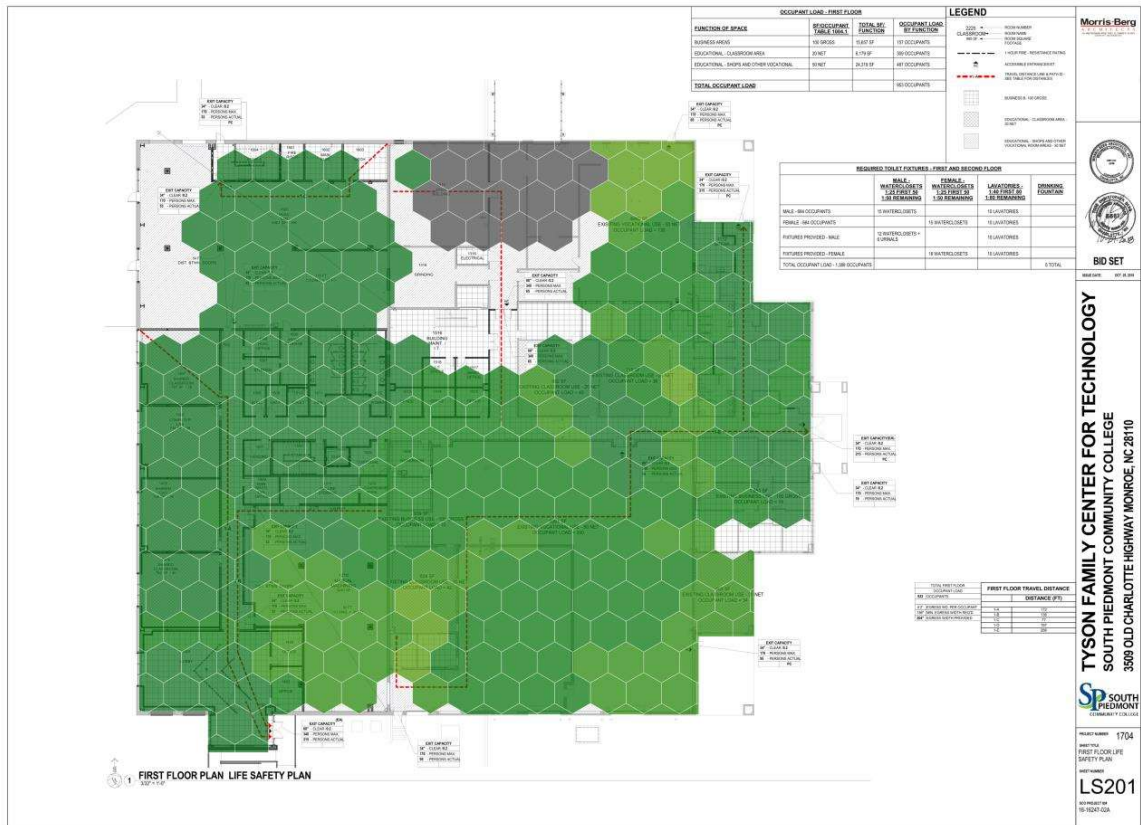
Secondary Signal Strength for SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3 on 5 GHz band

Secondary Signal Strength shows the second strongest RSSI on any given location on the map. This heatmap helps to ensure smooth roaming for clients and quality of service for certain latency-sensitive applications, such as VoIP calls.



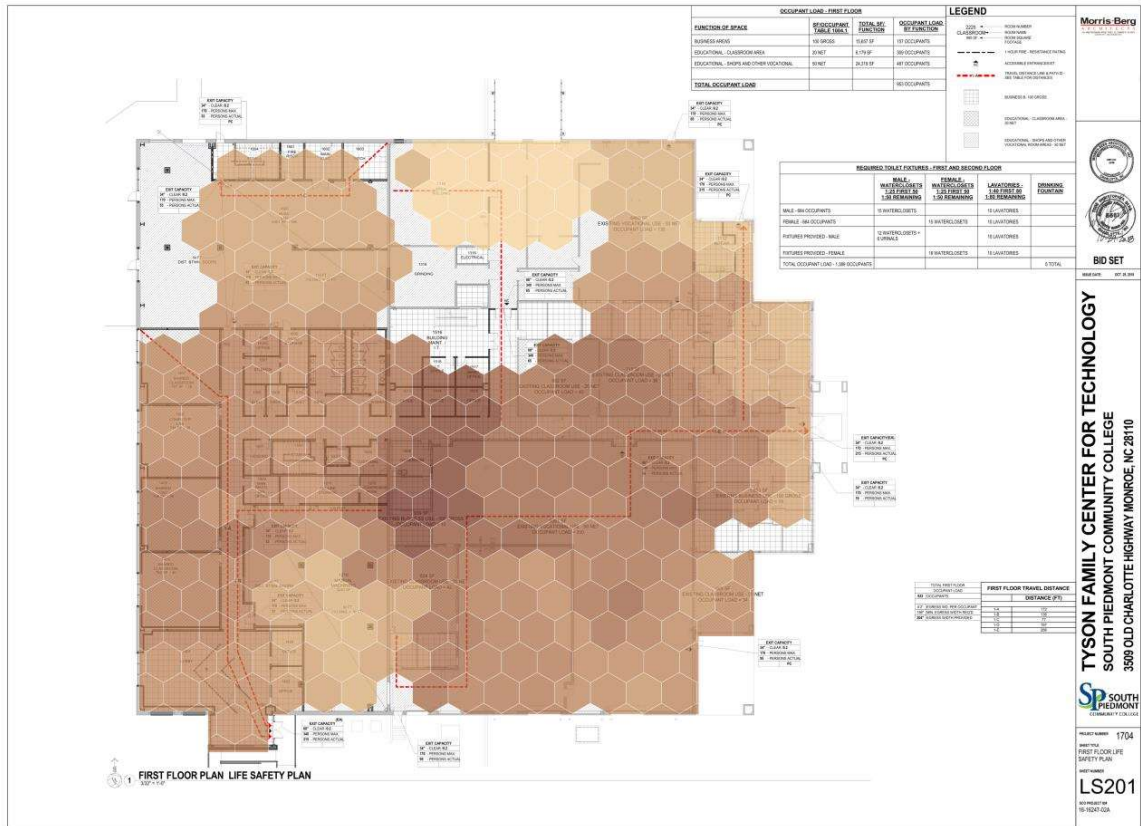
Signal To Noise Ratio (SNR) for SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3 on 5 GHz band

Signal-To-Noise Ratio indicates how much the signal strength is stronger than the noise (co-channel interference). Signal must be stronger than noise (SNR greater than zero) for data transfer to be possible. If the signal is only barely stronger than noise, you may encounter occasional connection drop-offs.



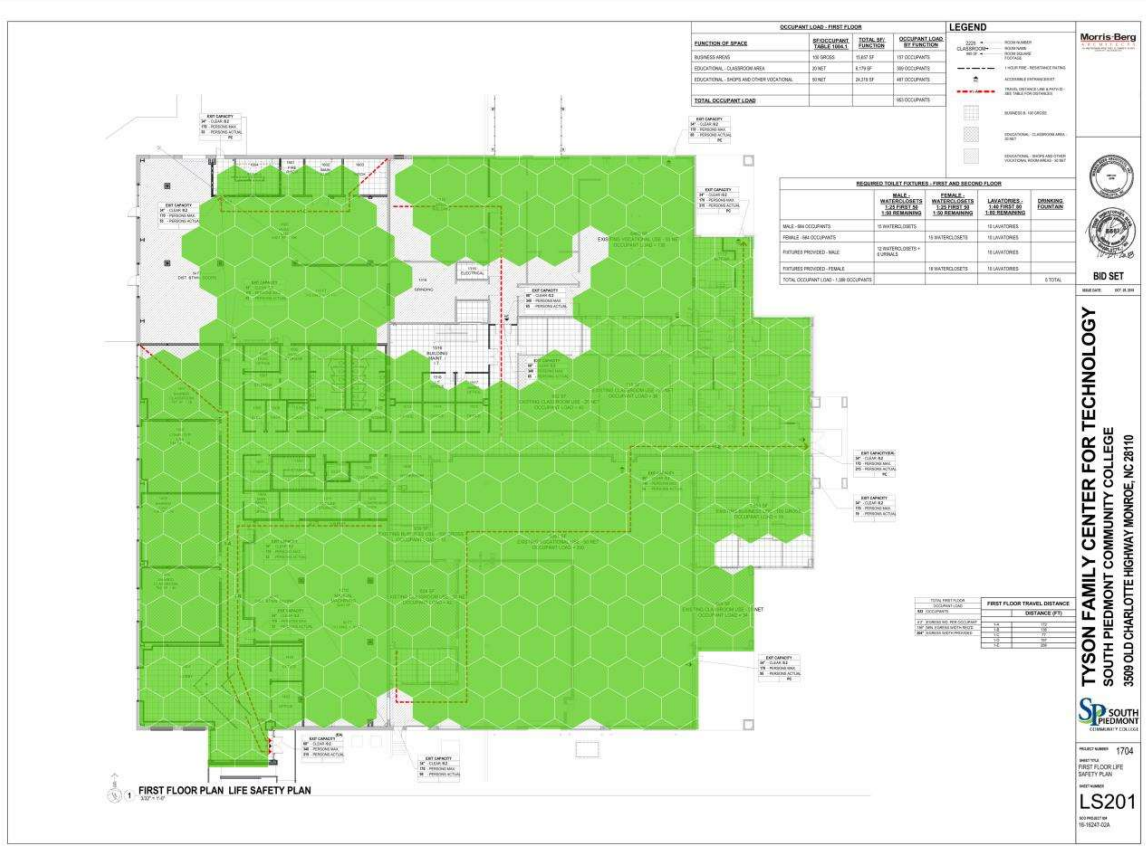
Number of APs for SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3 on 2.4 GHz band

Number of Access Points indicates the number of access points audible at each location.



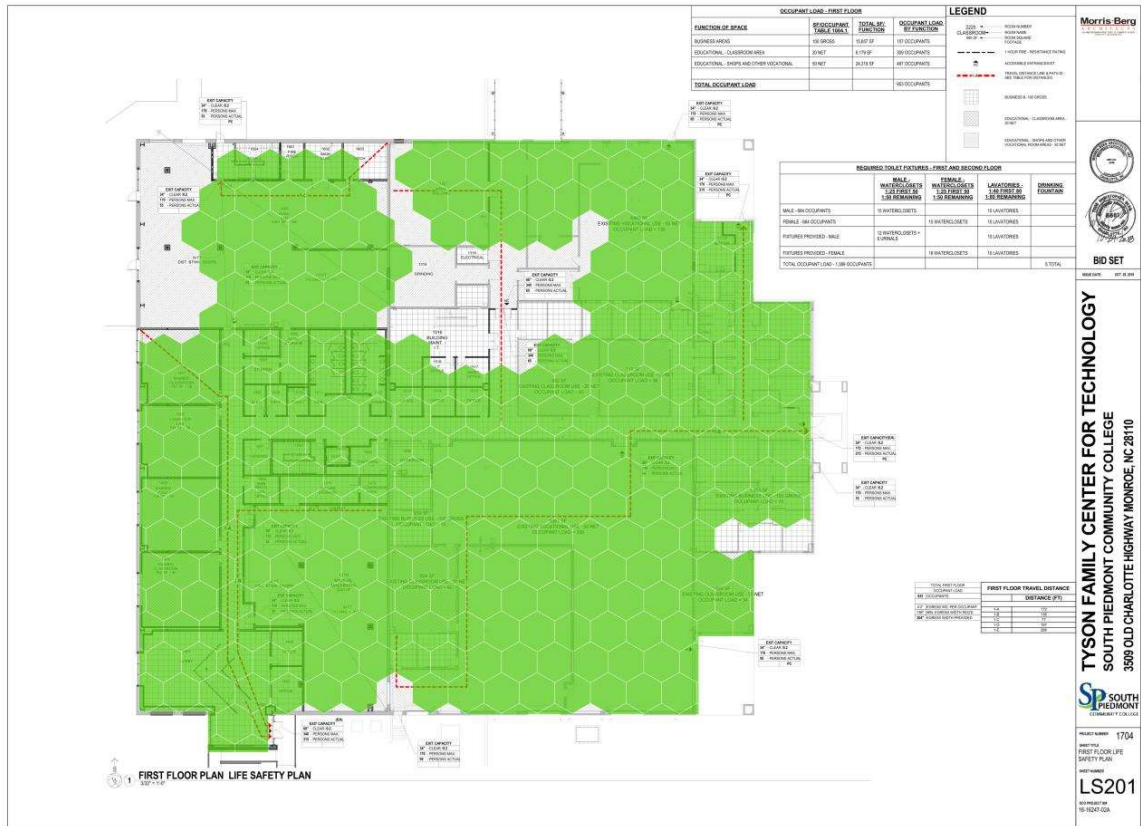
Noise for SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3 on 2.4 GHz band

Displays the noise level in the network as measured by the network adapter.

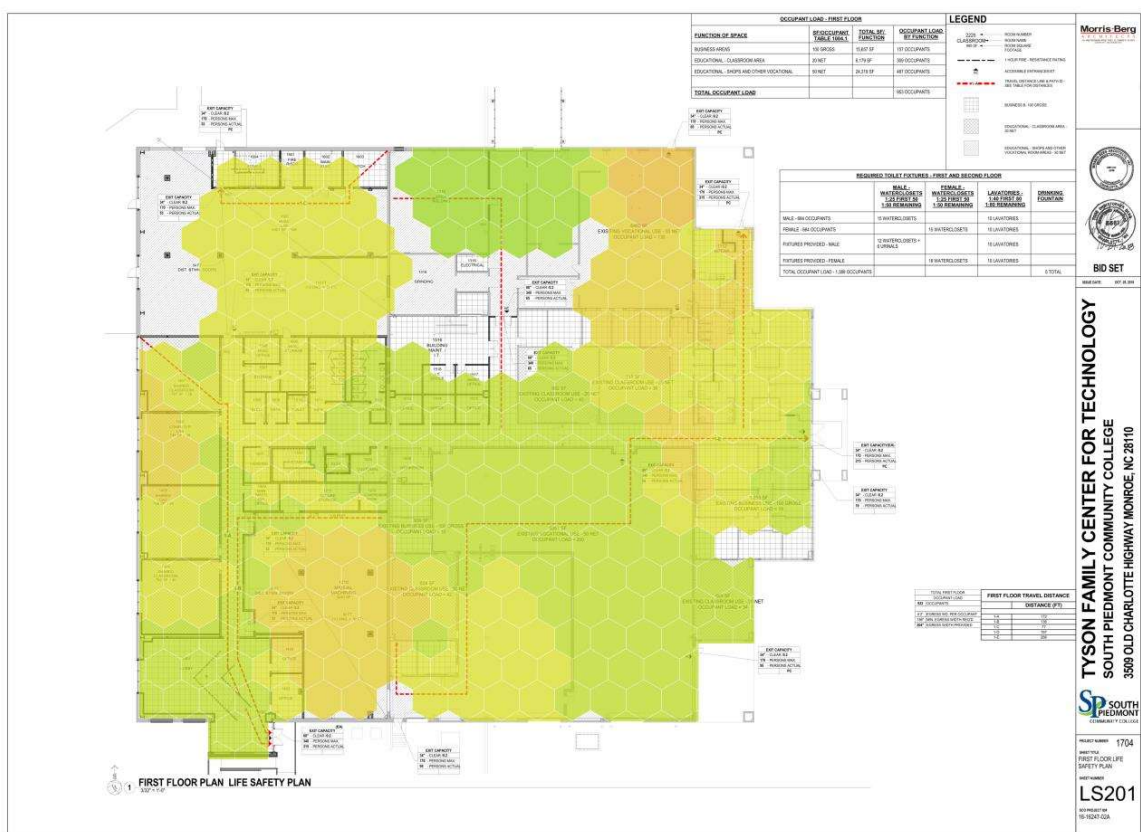


Channel Utilization for SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3 on 2.4 GHz band

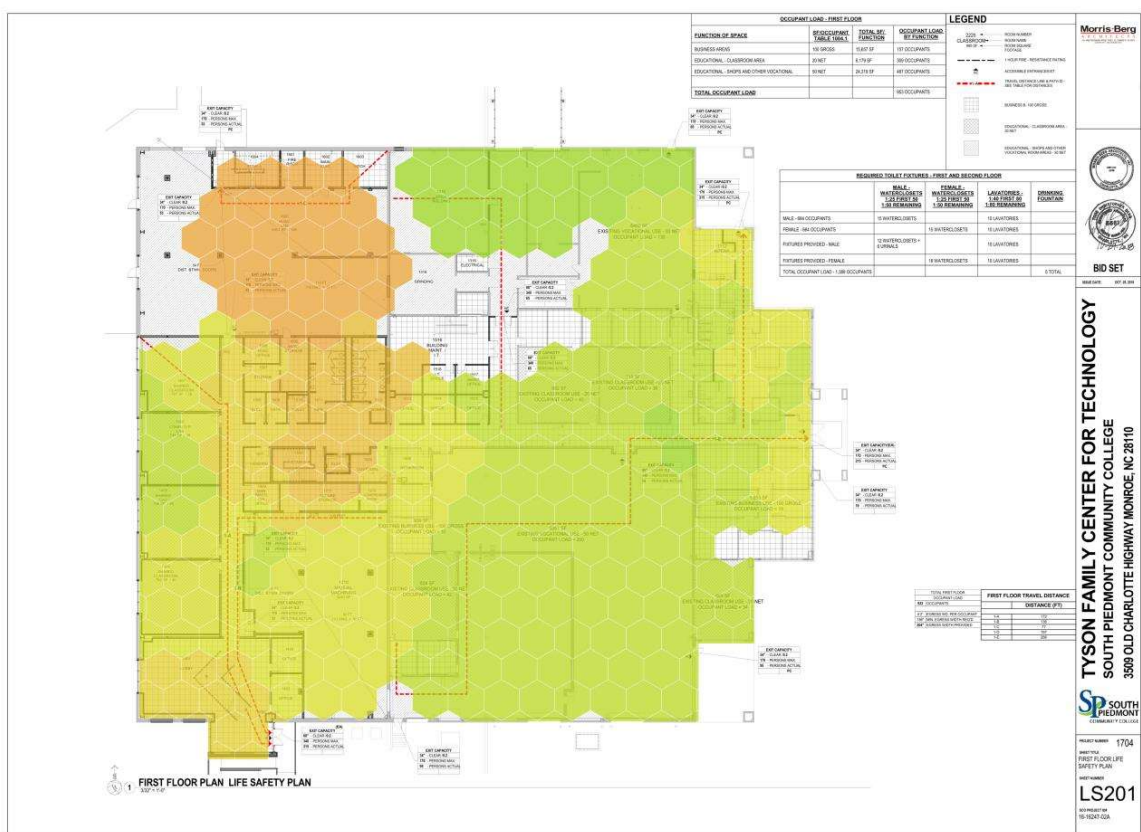
Channel utilization shows the share of time the spectrum power measured by spectrum analyzer high enough so that the channel can be considered as occupied.



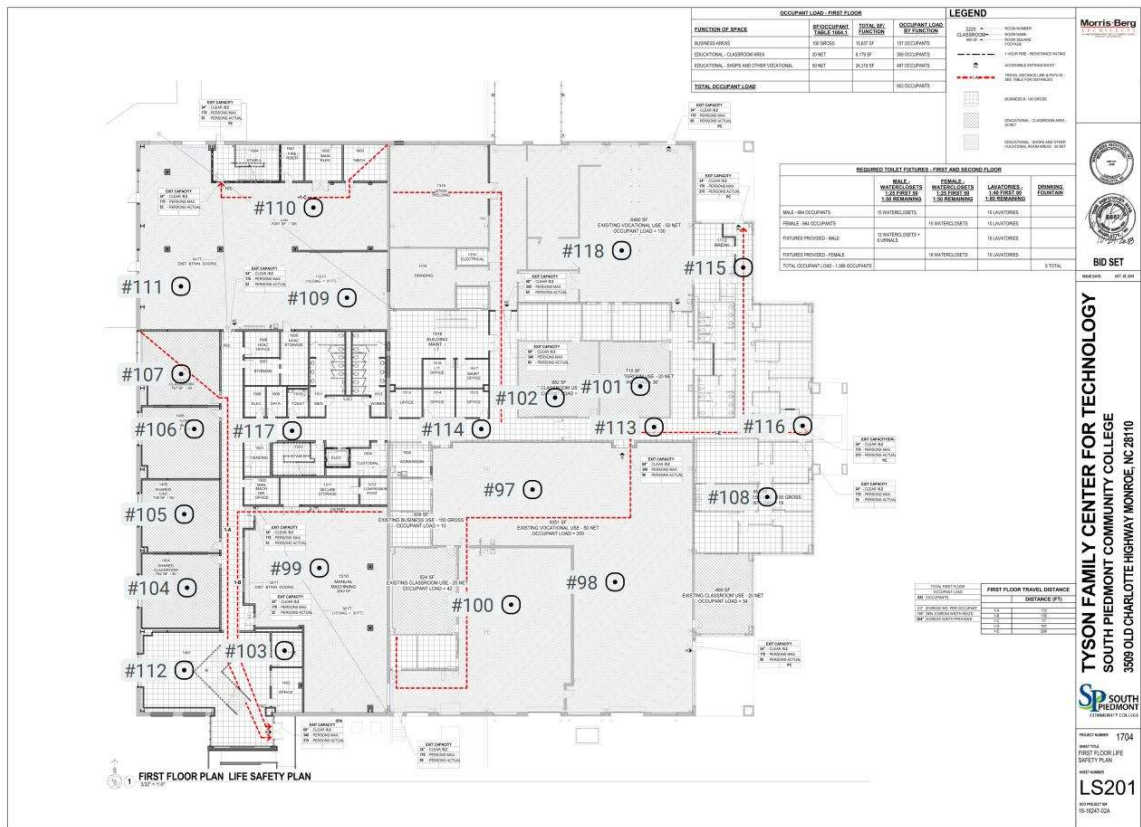
**Spectrum Channel Power for SPCC - Tyson Family Center for Tech_First
Flr_LSP_02-06-2020 3 on 2.4 GHz band**



Spectrum Channel Power for SPCC - Tyson Family Center for Tech_First
 Flr_LSP_02-06-2020 3 on 5 GHz band



Access Points on SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3



My Access Points on SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3

Simulated Access Points on SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3

None.

Measured Access Points on SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3

AP #	Access Point			
97	TFC-1200		Cisco	
	Wi-Fi 4	6	88:1d:fc:f5:b9:a0	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	6	88:1d:fc:f5:b9:a1	
	Wi-Fi 4	6	88:1d:fc:f5:b9:a2	
	Wi-Fi 4	6	88:1d:fc:f5:b9:a5	
	Wi-Fi 4	6	88:1d:fc:f5:b9:a6	
	Wi-Fi 4	6	88:1d:fc:f5:b9:a7	
	Wi-Fi 4	6	88:1d:fc:f5:b9:a8	
	Wi-Fi 4	6	88:1d:fc:f5:b9:a9	
	Wi-Fi 5	48	88:1d:fc:f5:b9:a6	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_W1
	Wi-Fi 5	48	88:1d:fc:f5:b9:a7	
	Wi-Fi 5	48	88:1d:fc:f5:b9:a8	
	Wi-Fi 5	48	88:1d:fc:f5:b9:a9	
	Wi-Fi 5	48	88:1d:fc:f5:b9:aa	
	Wi-Fi 5	48	88:1d:fc:f5:b9:ad	
Wi-Fi 5	48	88:1d:fc:f5:b9:ae		
Wi-Fi 5	48	88:1d:fc:f5:b9:af		
98	TFC-1200C		Cisco	
	Wi-Fi 4	11	d4:6d:50:ff:9b:50	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	11	d4:6d:50:ff:9b:51	
	Wi-Fi 4	11	d4:6d:50:ff:9b:51	
	Wi-Fi 4	11	d4:6d:50:ff:9b:52	
	Wi-Fi 4	11	d4:6d:50:ff:9b:55	
	Wi-Fi 4	11	d4:6d:50:ff:9b:56	
	Wi-Fi 4	11	d4:6d:50:ff:9b:57	
	Wi-Fi 4	11	d4:6d:50:ff:9b:58	
	Wi-Fi 4	11	d4:6d:50:ff:9b:59	
	Wi-Fi 5	40	d4:6d:50:ff:9b:56	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	Wi-Fi 5	40	d4:6d:50:ff:9b:57	
	Wi-Fi 5	40	d4:6d:50:ff:9b:58	
	Wi-Fi 5	40	d4:6d:50:ff:9b:59	
	Wi-Fi 5	40	d4:6d:50:ff:9b:5a	
Wi-Fi 5	40	d4:6d:50:ff:9b:5d		
Wi-Fi 5	40	d4:6d:50:ff:9b:5e		

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5	40	d4:6d:50:ff:9b:5f	
99	TFC-1205		Cisco	
	Wi-Fi 4	1	a4:6c:2a:a8:08:80	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	1	a4:6c:2a:a8:08:81	
	Wi-Fi 4	1	a4:6c:2a:a8:08:82	
	Wi-Fi 4	1	a4:6c:2a:a8:08:85	
	Wi-Fi 4	1	a4:6c:2a:a8:08:86	
	Wi-Fi 4	1	a4:6c:2a:a8:08:87	
	Wi-Fi 4	1	a4:6c:2a:a8:08:88	
	Wi-Fi 4	1	a4:6c:2a:a8:08:89	
	Wi-Fi 5	153	a4:6c:2a:a8:08:86	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
Wi-Fi 5	153	a4:6c:2a:a8:08:87		
Wi-Fi 5	153	a4:6c:2a:a8:08:88		
Wi-Fi 5	153	a4:6c:2a:a8:08:89		
Wi-Fi 5	153	a4:6c:2a:a8:08:8a		
Wi-Fi 5	153	a4:6c:2a:a8:08:8d		
Wi-Fi 5	153	a4:6c:2a:a8:08:8e		
Wi-Fi 5	153	a4:6c:2a:a8:08:8f		
100	TFC-1208		Cisco	
	Wi-Fi 4	11	a4:6c:2a:66:bf:00	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	11	a4:6c:2a:66:bf:01	
	Wi-Fi 4	11	a4:6c:2a:66:bf:01	
	Wi-Fi 4	11	a4:6c:2a:66:bf:02	
	Wi-Fi 4	11	a4:6c:2a:66:bf:05	
	Wi-Fi 4	11	a4:6c:2a:66:bf:06	
	Wi-Fi 4	11	a4:6c:2a:66:bf:07	
	Wi-Fi 4	11	a4:6c:2a:66:bf:08	
	Wi-Fi 4	11	a4:6c:2a:66:bf:09	
Wi-Fi 5	64	a4:6c:2a:66:bf:06	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac	
Wi-Fi 5	64	a4:6c:2a:66:bf:07		
Wi-Fi 5	64	a4:6c:2a:66:bf:08		
Wi-Fi 5	64	a4:6c:2a:66:bf:09		
Wi-Fi 5	64	a4:6c:2a:66:bf:0a		
Wi-Fi 5	64	a4:6c:2a:66:bf:0d		
Wi-Fi 5	64	a4:6c:2a:66:bf:0e		
Wi-Fi 5	64	a4:6c:2a:66:bf:0f		
101	TFC-1303		Cisco	
	Wi-Fi 4	1	a4:6c:2a:37:c5:a0	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	1	a4:6c:2a:37:c5:a1	
	Wi-Fi 4	1	a4:6c:2a:37:c5:a1	
	Wi-Fi 4	1	a4:6c:2a:37:c5:a2	
	Wi-Fi 4	1	a4:6c:2a:37:c5:a5	
	Wi-Fi 4	1	a4:6c:2a:37:c5:a6	
	Wi-Fi 4	1	a4:6c:2a:37:c5:a7	
	Wi-Fi 4	1	a4:6c:2a:37:c5:a8	
	Wi-Fi 4	1	a4:6c:2a:37:c5:a9	
Wi-Fi 5	157	a4:6c:2a:37:c5:a6	HVAC-OCH	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	157 157 157 157 157 157	a4:6c:2a:37:c5:a7 a4:6c:2a:37:c5:a8 a4:6c:2a:37:c5:a9 a4:6c:2a:37:c5:aa a4:6c:2a:37:c5:ad a4:6c:2a:37:c5:ae a4:6c:2a:37:c5:af	SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
102	TFC-1304		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	6 6 6 6 6 6 6 6 6	f8:c2:88:c6:14:a0 f8:c2:88:c6:14:a1 f8:c2:88:c6:14:a1 f8:c2:88:c6:14:a2 f8:c2:88:c6:14:a5 f8:c2:88:c6:14:a6 f8:c2:88:c6:14:a7 f8:c2:88:c6:14:a8 f8:c2:88:c6:14:a9	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	149 149 149 149 149 149 149	f8:c2:88:c6:14:a6 f8:c2:88:c6:14:a7 f8:c2:88:c6:14:a8 f8:c2:88:c6:14:a9 f8:c2:88:c6:14:aa f8:c2:88:c6:14:ad f8:c2:88:c6:14:ae f8:c2:88:c6:14:af	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
103	TFC-1403		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	6 6 6 6 6 6 6	84:b2:61:66:85:c0 84:b2:61:66:85:c1 84:b2:61:66:85:c2 84:b2:61:66:85:c5 84:b2:61:66:85:c6 84:b2:61:66:85:c7 84:b2:61:66:85:c8 84:b2:61:66:85:c9	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	52 52 52 52 52 52 52	84:b2:61:66:85:c6 84:b2:61:66:85:c7 84:b2:61:66:85:c8 84:b2:61:66:85:c9 84:b2:61:66:85:ca 84:b2:61:66:85:cd 84:b2:61:66:85:ce 84:b2:61:66:85:cf	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
104	TFC-1404		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11	50:87:89:d1:1a:60 50:87:89:d1:1a:61 50:87:89:d1:1a:62 50:87:89:d1:1a:65 50:87:89:d1:1a:66	SPCC_Mac SPCC_Guest

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4	11	50:87:89:d1:1a:67	SPCC_D1
	Wi-Fi 4	11	50:87:89:d1:1a:68	SPCC_P1
	Wi-Fi 4	11	50:87:89:d1:1a:69	HVAC-OCH
	Wi-Fi 5	161	50:87:89:d1:1a:66	HVAC-OCH
	Wi-Fi 5	161	50:87:89:d1:1a:67	SPCC_P1
	Wi-Fi 5	161	50:87:89:d1:1a:68	
	Wi-Fi 5	161	50:87:89:d1:1a:69	SPCC_D1
	Wi-Fi 5	161	50:87:89:d1:1a:6a	SPCC_Guest
	Wi-Fi 5	161	50:87:89:d1:1a:6d	SPCC_Mac
	Wi-Fi 5	161	50:87:89:d1:1a:6e	
	Wi-Fi 5	161	50:87:89:d1:1a:6f	
105	TFC-1405		Cisco	
	Wi-Fi 5	149	74:a2:e6:f8:96:16	HVAC-OCH
	Wi-Fi 5	149	74:a2:e6:f8:96:17	SPCC_P1
	Wi-Fi 5	149	74:a2:e6:f8:96:18	
	Wi-Fi 5	149	74:a2:e6:f8:96:19	SPCC_D1
	Wi-Fi 5	149	74:a2:e6:f8:96:1a	SPCC_Guest
	Wi-Fi 5	149	74:a2:e6:f8:96:1d	SPCC_Mac
	Wi-Fi 5	149	74:a2:e6:f8:96:1e	
	Wi-Fi 5	149	74:a2:e6:f8:96:1f	
106	TFC-1406		Cisco	
	Wi-Fi 4	6	f4:0f:1b:40:96:70	SPCC_S1
	Wi-Fi 4	6	f4:0f:1b:40:96:71	
	Wi-Fi 4	6	f4:0f:1b:40:96:71	SPCC_Mac
	Wi-Fi 4	6	f4:0f:1b:40:96:72	SPCC_Guest
	Wi-Fi 4	6	f4:0f:1b:40:96:75	SPCC_D1
	Wi-Fi 4	6	f4:0f:1b:40:96:76	
	Wi-Fi 4	6	f4:0f:1b:40:96:77	SPCC_P1
	Wi-Fi 4	6	f4:0f:1b:40:96:78	HVAC-OCH
	Wi-Fi 4	6	f4:0f:1b:40:96:79	
	Wi-Fi 5	36	f4:0f:1b:40:96:76	HVAC-OCH
	Wi-Fi 5	36	f4:0f:1b:40:96:77	SPCC_P1
	Wi-Fi 5	36	f4:0f:1b:40:96:78	
	Wi-Fi 5	36	f4:0f:1b:40:96:79	SPCC_D1
	Wi-Fi 5	36	f4:0f:1b:40:96:7a	SPCC_Guest
	Wi-Fi 5	36	f4:0f:1b:40:96:7d	SPCC_Mac
	Wi-Fi 5	36	f4:0f:1b:40:96:7e	SPCC_S1
	Wi-Fi 5	36	f4:0f:1b:40:96:7e	
	Wi-Fi 5	36	f4:0f:1b:40:96:7f	
		Wi-Fi 5	36	f4:0f:1b:40:96:7f
107	TFC-1407		Cisco	
	Wi-Fi 5	153	e4:aa:5d:07:ce:b6	HVAC-OCH
	Wi-Fi 5	153	e4:aa:5d:07:ce:b7	SPCC_P1
	Wi-Fi 5	153	e4:aa:5d:07:ce:b8	
	Wi-Fi 5	153	e4:aa:5d:07:ce:b9	SPCC_D1
	Wi-Fi 5	153	e4:aa:5d:07:ce:ba	SPCC_Guest
	Wi-Fi 5	153	e4:aa:5d:07:ce:bd	SPCC_Mac
	Wi-Fi 5	153	e4:aa:5d:07:ce:be	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5	153	e4:aa:5d:07:ce:bf	
108	TFC-EDC		Cisco	
	Wi-Fi 4	1	50:87:89:e3:3a:90	EDC
	Wi-Fi 4	1	50:87:89:e3:3a:91	
	Wi-Fi 4	1	50:87:89:e3:3a:92	SPCC_Guest
	Wi-Fi 5	36	50:87:89:e3:3a:9d	SPCC_Guest
	Wi-Fi 5	36	50:87:89:e3:3a:9e	
	Wi-Fi 5	36	50:87:89:e3:3a:9f	EDC
109	TFC-HVAC-Lab1		Cisco	
	Wi-Fi 4	11	f8:c2:88:cc:78:10	
	Wi-Fi 4	11	f8:c2:88:cc:78:11	
	Wi-Fi 4	11	f8:c2:88:cc:78:12	
	Wi-Fi 4	11	f8:c2:88:cc:78:15	SPCC_Mac
	Wi-Fi 4	11	f8:c2:88:cc:78:16	SPCC_Guest
	Wi-Fi 4	11	f8:c2:88:cc:78:17	SPCC_D1
	Wi-Fi 4	11	f8:c2:88:cc:78:18	
	Wi-Fi 4	11	f8:c2:88:cc:78:19	SPCC_P1 HVAC-OCH
		Wi-Fi 5	149	f8:c2:88:cc:78:16
Wi-Fi 5		149	f8:c2:88:cc:78:17	SPCC_P1
Wi-Fi 5		149	f8:c2:88:cc:78:18	
Wi-Fi 5		149	f8:c2:88:cc:78:19	SPCC_D1
Wi-Fi 5		149	f8:c2:88:cc:78:1a	SPCC_Guest
Wi-Fi 5		149	f8:c2:88:cc:78:1d	SPCC_Mac
Wi-Fi 5		149	f8:c2:88:cc:78:1e	
Wi-Fi 5		149	f8:c2:88:cc:78:1f	
110	TFC-HVAC-Lab3		Cisco	
	Wi-Fi 5	52	74:a0:2f:66:c5:36	HVAC-OCH
	Wi-Fi 5	52	74:a0:2f:66:c5:37	SPCC_P1
	Wi-Fi 5	52	74:a0:2f:66:c5:38	
	Wi-Fi 5	52	74:a0:2f:66:c5:39	SPCC_D1
	Wi-Fi 5	52	74:a0:2f:66:c5:3a	SPCC_Guest
	Wi-Fi 5	52	74:a0:2f:66:c5:3d	SPCC_Mac
	Wi-Fi 5	52	74:a0:2f:66:c5:3e	
	Wi-Fi 5	52	74:a0:2f:66:c5:3f	
	Wi-Fi 5	52	74:a0:2f:66:c5:3f	SPCC_W1
111	TFC-HVAC-lab2		Cisco	
	Wi-Fi 4	6	74:a2:e6:f8:96:80	
	Wi-Fi 4	6	74:a2:e6:f8:96:81	
	Wi-Fi 4	6	74:a2:e6:f8:96:82	
	Wi-Fi 4	6	74:a2:e6:f8:96:85	SPCC_Mac
	Wi-Fi 4	6	74:a2:e6:f8:96:86	SPCC_Guest
	Wi-Fi 4	6	74:a2:e6:f8:96:87	SPCC_D1
	Wi-Fi 4	6	74:a2:e6:f8:96:88	
	Wi-Fi 4	6	74:a2:e6:f8:96:89	SPCC_P1 HVAC-OCH
	Wi-Fi 5	157	74:a2:e6:f8:96:86	HVAC-OCH

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	157 157 157 157 157 157	74:a2:e6:f8:96:87 74:a2:e6:f8:96:88 74:a2:e6:f8:96:89 74:a2:e6:f8:96:8a 74:a2:e6:f8:96:8d 74:a2:e6:f8:96:8e 74:a2:e6:f8:96:8f	SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
112	TFC-Hall-byLobb		Cisco	
	Wi-Fi 5	64	50:87:89:f9:6d:06	HVAC-OCH
	Wi-Fi 5	64	50:87:89:f9:6d:07	SPCC_P1
	Wi-Fi 5	64	50:87:89:f9:6d:08	
	Wi-Fi 5	64	50:87:89:f9:6d:09	SPCC_D1
	Wi-Fi 5	64	50:87:89:f9:6d:0a	SPCC_Guest
	Wi-Fi 5	64	50:87:89:f9:6d:0d	SPCC_Mac
	Wi-Fi 5	64	50:87:89:f9:6d:0e	
113	TFC-HallOutside		Cisco	
	Wi-Fi 4	1	f8:c2:88:c6:ad:00	
	Wi-Fi 4	1	f8:c2:88:c6:ad:01	
	Wi-Fi 4	1	f8:c2:88:c6:ad:02	
	Wi-Fi 4	1	f8:c2:88:c6:ad:05	SPCC_Mac
	Wi-Fi 4	1	f8:c2:88:c6:ad:06	SPCC_Guest
	Wi-Fi 4	1	f8:c2:88:c6:ad:07	SPCC_D1
	Wi-Fi 4	1	f8:c2:88:c6:ad:08	
	Wi-Fi 4	1	f8:c2:88:c6:ad:09	SPCC_P1 HVAC-OCH
	Wi-Fi 5	60	f8:c2:88:c6:ad:06	HVAC-OCH
	Wi-Fi 5	60	f8:c2:88:c6:ad:07	SPCC_P1
	Wi-Fi 5	60	f8:c2:88:c6:ad:08	
	Wi-Fi 5	60	f8:c2:88:c6:ad:09	SPCC_D1
	Wi-Fi 5	60	f8:c2:88:c6:ad:0a	SPCC_Guest
	Wi-Fi 5	60	f8:c2:88:c6:ad:0d	SPCC_Mac
	Wi-Fi 5	60	f8:c2:88:c6:ad:0e	
Wi-Fi 5	60	f8:c2:88:c6:ad:0f		
114	TFC-HallOutside		Cisco	
	Wi-Fi 4	1	a8:9d:21:7f:4a:a0	
	Wi-Fi 4	1	a8:9d:21:7f:4a:a1	SPCC_S1
	Wi-Fi 4	1	a8:9d:21:7f:4a:a1	
	Wi-Fi 4	1	a8:9d:21:7f:4a:a2	
	Wi-Fi 4	1	a8:9d:21:7f:4a:a5	SPCC_Mac
	Wi-Fi 4	1	a8:9d:21:7f:4a:a6	SPCC_Guest
	Wi-Fi 4	1	a8:9d:21:7f:4a:a7	SPCC_D1
	Wi-Fi 4	1	a8:9d:21:7f:4a:a8	
	Wi-Fi 4	1	a8:9d:21:7f:4a:a9	SPCC_P1 HVAC-OCH
	Wi-Fi 5	48	a8:9d:21:7f:4a:a6	HVAC-OCH
	Wi-Fi 5	48	a8:9d:21:7f:4a:a7	SPCC_P1
	Wi-Fi 5	48	a8:9d:21:7f:4a:a8	
	Wi-Fi 5	48	a8:9d:21:7f:4a:a9	SPCC_D1
Wi-Fi 5	48	a8:9d:21:7f:4a:aa	SPCC_Guest	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	48 48 48	a8:9d:21:7f:4a:ad a8:9d:21:7f:4a:ae a8:9d:21:7f:4a:af	SPCC_Mac
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	52 52 52 52 52 52 52 52 52	50:87:89:f9:6e:76 50:87:89:f9:6e:77 50:87:89:f9:6e:78 50:87:89:f9:6e:79 50:87:89:f9:6e:7a 50:87:89:f9:6e:7d 50:87:89:f9:6e:7e 50:87:89:f9:6e:7e 50:87:89:f9:6e:7f 50:87:89:f9:6e:7f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1 SPCC_W1
115	TFC-MDF		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	6 6 6 6 6 6 6 6	f8:c2:88:e8:cb:a0 f8:c2:88:e8:cb:a1 f8:c2:88:e8:cb:a1 f8:c2:88:e8:cb:a2 f8:c2:88:e8:cb:a6 f8:c2:88:e8:cb:a7 f8:c2:88:e8:cb:a8 f8:c2:88:e8:cb:a9	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	64 64 64 64 64 64 64 64	f8:c2:88:e8:cb:a6 f8:c2:88:e8:cb:a7 f8:c2:88:e8:cb:a8 f8:c2:88:e8:cb:a9 f8:c2:88:e8:cb:aa f8:c2:88:e8:cb:ad f8:c2:88:e8:cb:ae f8:c2:88:e8:cb:af	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
116	TFC-Outdoor		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11 11	00:fc:ba:aa:f1:80 00:fc:ba:aa:f1:81 00:fc:ba:aa:f1:81 00:fc:ba:aa:f1:82 00:fc:ba:aa:f1:85 00:fc:ba:aa:f1:86 00:fc:ba:aa:f1:87 00:fc:ba:aa:f1:88 00:fc:ba:aa:f1:89	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	52 52 52 52 52 52 52 52	00:fc:ba:aa:f1:86 00:fc:ba:aa:f1:87 00:fc:ba:aa:f1:88 00:fc:ba:aa:f1:89 00:fc:ba:aa:f1:8a 00:fc:ba:aa:f1:8d 00:fc:ba:aa:f1:8e 00:fc:ba:aa:f1:8e	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5	52	00:fc:ba:aa:f1:8f	
117	TFC-Outside1510		Cisco	
	Wi-Fi 4	11	50:87:89:e3:38:a0	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	11	50:87:89:e3:38:a1	
	Wi-Fi 4	11	50:87:89:e3:38:a1	
	Wi-Fi 4	11	50:87:89:e3:38:a2	
	Wi-Fi 4	11	50:87:89:e3:38:a5	
	Wi-Fi 4	11	50:87:89:e3:38:a6	
	Wi-Fi 4	11	50:87:89:e3:38:a7	
	Wi-Fi 4	11	50:87:89:e3:38:a8	
	Wi-Fi 4	11	50:87:89:e3:38:a9	
	Wi-Fi 5	44	50:87:89:e3:38:a6	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac SPCC_S1
	Wi-Fi 5	44	50:87:89:e3:38:a7	
	Wi-Fi 5	44	50:87:89:e3:38:a8	
	Wi-Fi 5	44	50:87:89:e3:38:a9	
	Wi-Fi 5	44	50:87:89:e3:38:aa	
	Wi-Fi 5	44	50:87:89:e3:38:ad	
	Wi-Fi 5	44	50:87:89:e3:38:ae	
Wi-Fi 5	44	50:87:89:e3:38:ae		
Wi-Fi 5	44	50:87:89:e3:38:af		
118	TFC-office1307		Cisco	
	Wi-Fi 4	11	50:87:89:d1:1d:60	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	11	50:87:89:d1:1d:61	
	Wi-Fi 4	11	50:87:89:d1:1d:61	
	Wi-Fi 4	11	50:87:89:d1:1d:62	
	Wi-Fi 4	11	50:87:89:d1:1d:65	
	Wi-Fi 4	11	50:87:89:d1:1d:66	
	Wi-Fi 4	11	50:87:89:d1:1d:67	
	Wi-Fi 4	11	50:87:89:d1:1d:68	
	Wi-Fi 4	11	50:87:89:d1:1d:69	
	Wi-Fi 5	36	50:87:89:d1:1d:66	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	Wi-Fi 5	36	50:87:89:d1:1d:67	
	Wi-Fi 5	36	50:87:89:d1:1d:68	
	Wi-Fi 5	36	50:87:89:d1:1d:69	
	Wi-Fi 5	36	50:87:89:d1:1d:6a	
	Wi-Fi 5	36	50:87:89:d1:1d:6d	
	Wi-Fi 5	36	50:87:89:d1:1d:6e	
Wi-Fi 5	36	50:87:89:d1:1d:6f		

**Other Access Points on SPCC - Tyson Family Center for
Tech_First Flr_LSP_02-06-2020 3**

**Simulated Access Points on SPCC - Tyson Family Center for Tech_First
Flr_LSP_02-06-2020 3**

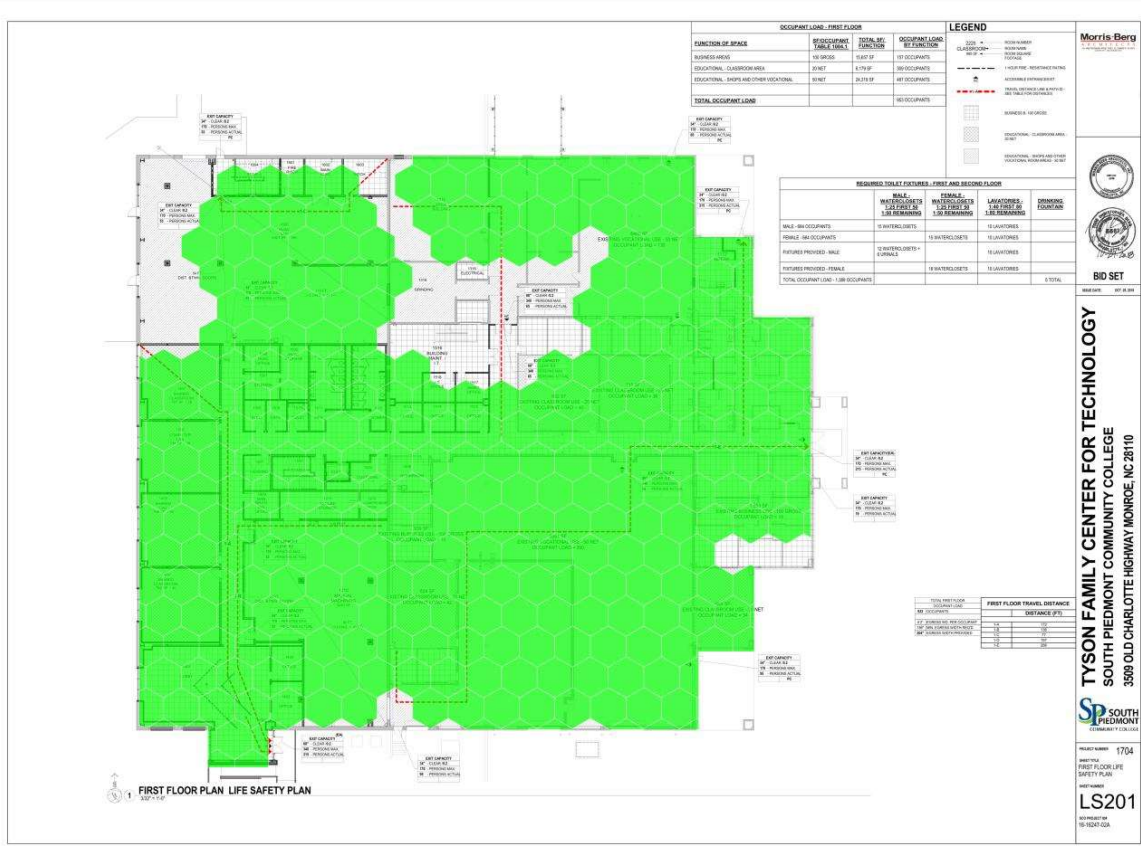
None.

**Measured Access Points on SPCC - Tyson Family Center for Tech_First
Flr_LSP_02-06-2020 3**

None.

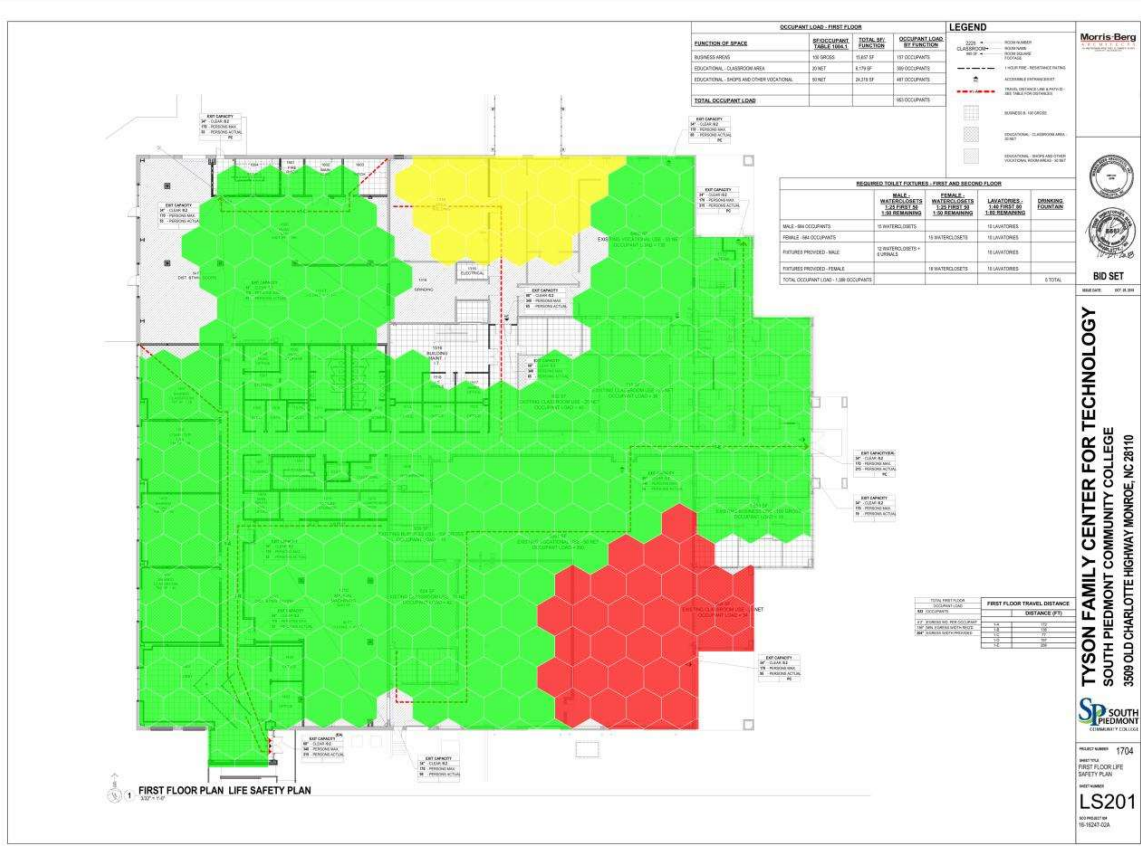
Channel Width for SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3 on 2.4 GHz band

Shows the maximum channel width available in each area.



Channel Width for SPCC - Tyson Family Center for Tech_First Flr_LSP_02-06-2020 3 on 5 GHz band

Shows the maximum channel width available in each area.



SPCC - Tyson Family Center for Tech_Second Flr_LSP- 02-20-19 4

Survey routes and Access Points for SPCC - Tyson Family Center for Tech_Second Flr_LSP- 02-20-19 4



View as / Project Offset:	Measured
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Area-1 (19,299 ft²)

Coverage Requirement: Ekahau Best Practices		
2.4 GHz	Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	20.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	2 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Packet Loss Max	0.0 %
5 GHz	Signal Strength Min	-67.0 dBm
	Secondary Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	25.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	1 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
	Packet Loss Max	0.0 %
6 GHz	Signal Strength Min	-67.0 dBm
	Secondary Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	25.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	1 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
	Packet Loss Max	0.0 %
Capacity Requirement	No capacity devices for this area	
Notes		

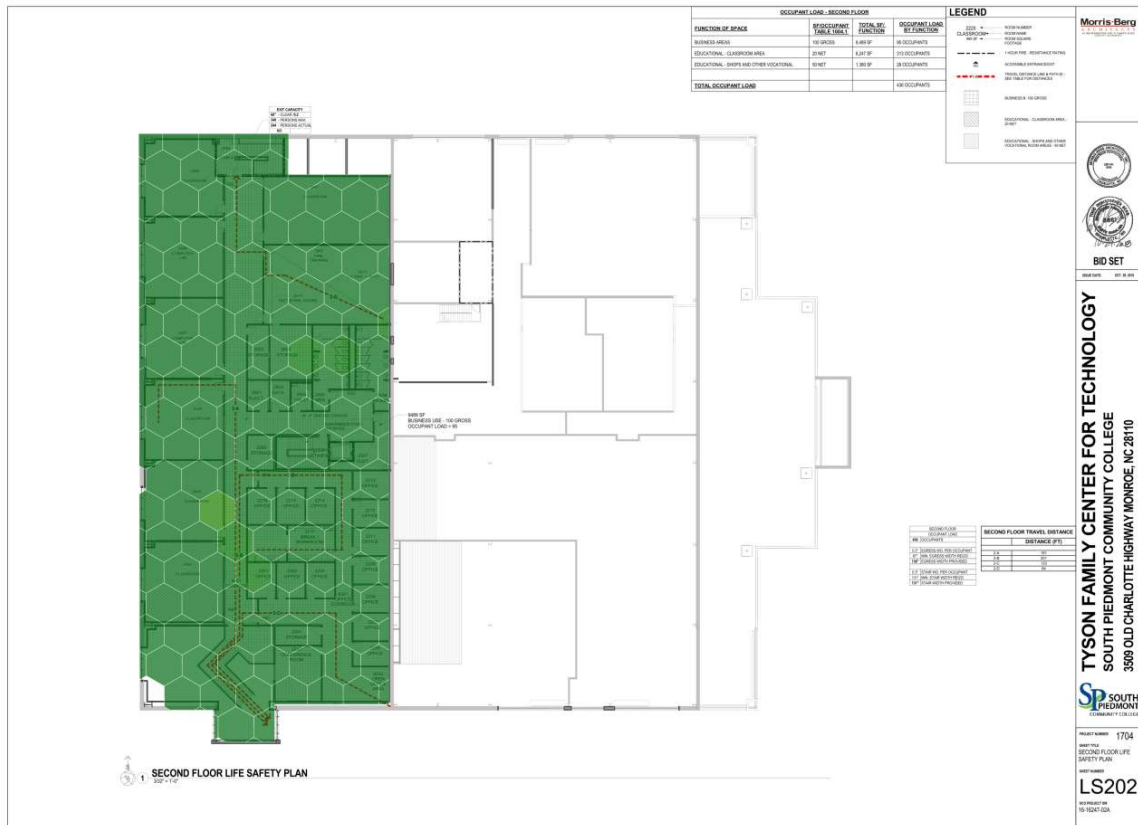
Secondary Signal Strength for SPCC - Tyson Family Center for Tech_Second Flr_LSP-02-20-19 4 on 2.4 GHz band

Secondary Signal Strength shows the second strongest RSSI on any given location on the map. This heatmap helps to ensure smooth roaming for clients and quality of service for certain latency-sensitive applications, such as VoIP calls.



Signal To Noise Ratio (SNR) for SPCC - Tyson Family Center for Tech_Second Flr_LSP-02-20-19 4 on 2.4 GHz band

Signal-To-Noise Ratio indicates how much the signal strength is stronger than the noise (co-channel interference). Signal must be stronger than noise (SNR greater than zero) for data transfer to be possible. If the signal is only barely stronger than noise, you may encounter occasional connection drop-offs.



Signal To Noise Ratio (SNR) for SPCC - Tyson Family Center for Tech_Second Flr_LSP-02-20-19 4 on 5 GHz band

Signal-To-Noise Ratio indicates how much the signal strength is stronger than the noise (co-channel interference). Signal must be stronger than noise (SNR greater than zero) for data transfer to be possible. If the signal is only barely stronger than noise, you may encounter occasional connection drop-offs.



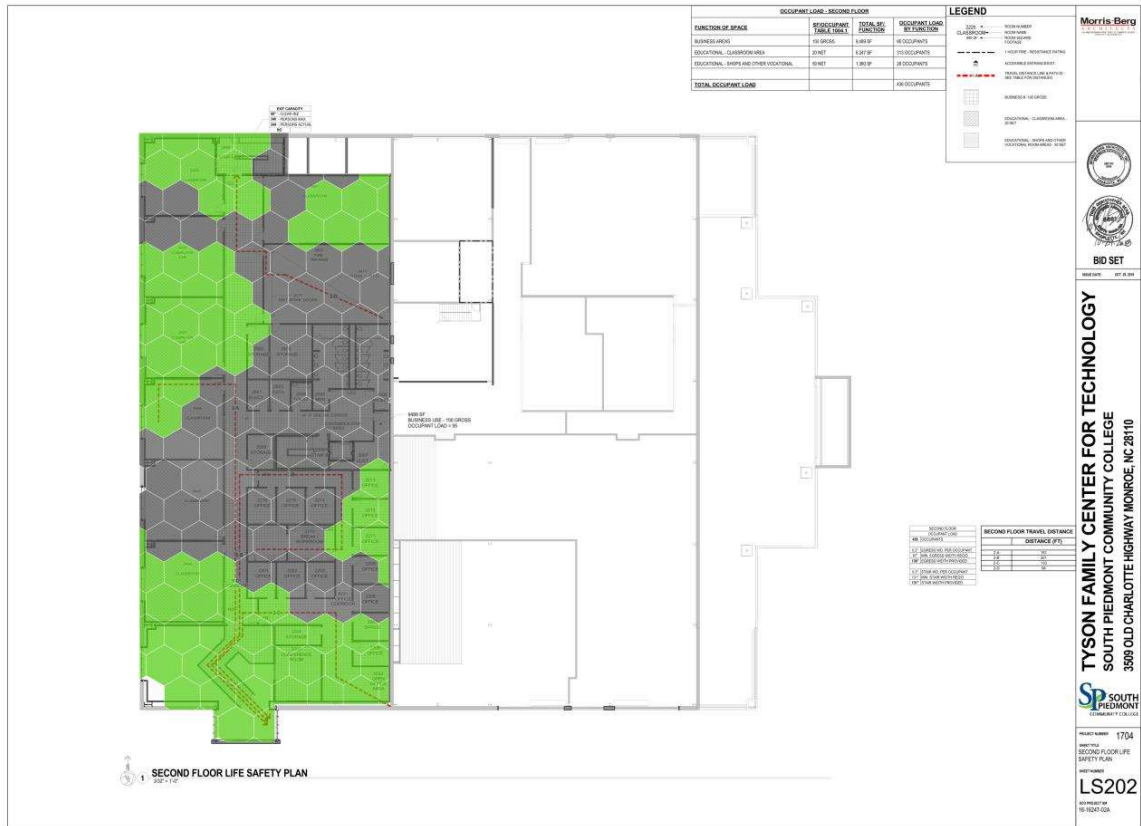
**Channel Interference for SPCC - Tyson Family Center for Tech_Second
Flr_LSP-02-20-19 4 on 2.4 GHz band**

Channel interference indicates the number of access points overlapping at each location in a single channel.



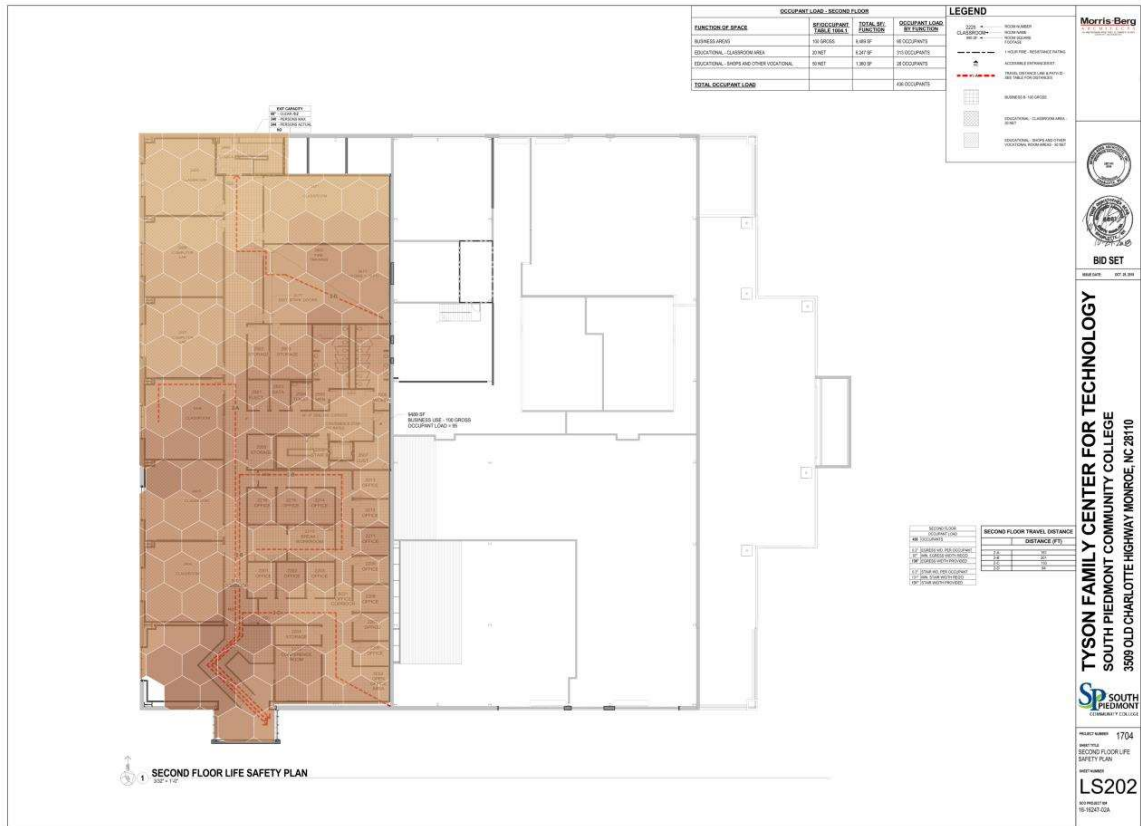
Channel Interference for SPCC - Tyson Family Center for Tech_Second Flr_LSP-02-20-19 4 on 5 GHz band

Channel interference indicates the number of access points overlapping at each location in a single channel.



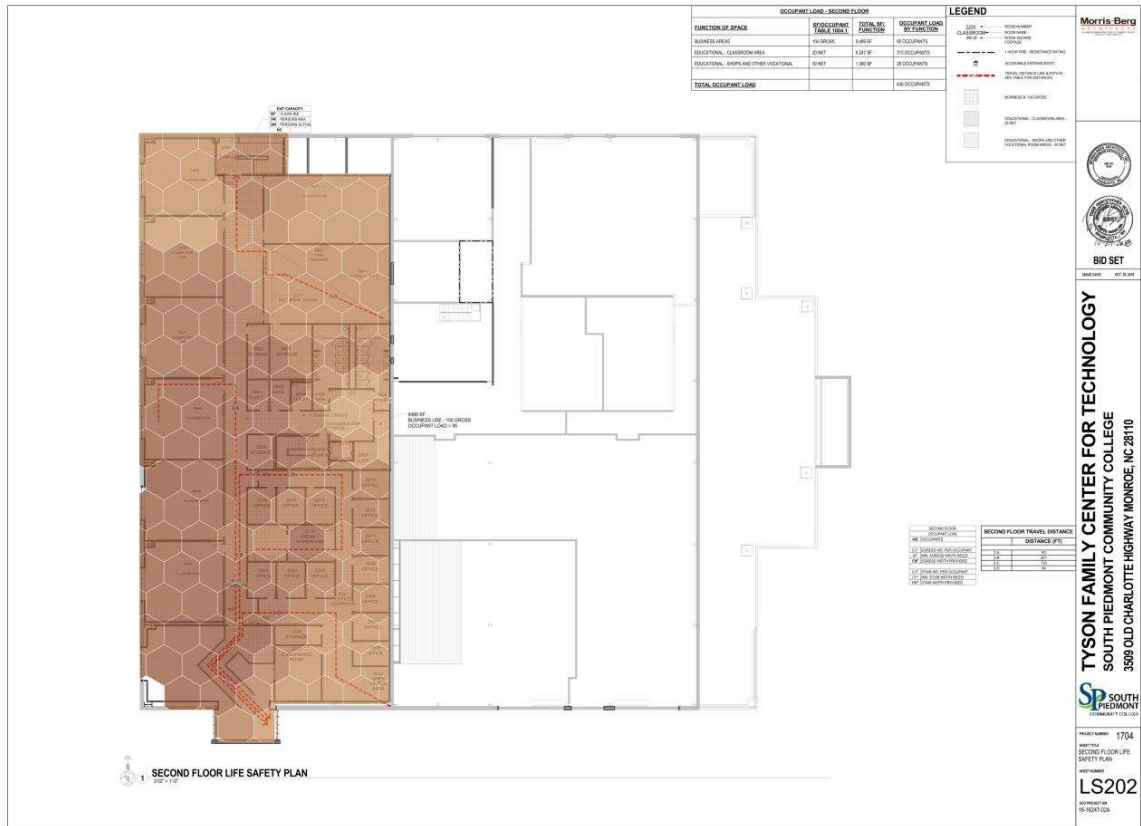
Number of APs for SPCC - Tyson Family Center for Tech_Second Flr_LSP- 02-20-19 4 on 2.4 GHz band

Number of Access Points indicates the number of access points audible at each location.



Number of APs for SPCC - Tyson Family Center for Tech_Second Flr_LSP- 02-20-19 4 on 5 GHz band

Number of Access Points indicates the number of access points audible at each location.



Noise for SPCC - Tyson Family Center for Tech_Second Flr_LSP- 02-20-19 4 on 2.4 GHz band

Displays the noise level in the network as measured by the network adapter.



My Access Points on SPCC - Tyson Family Center for Tech_Second Flr_LSP- 02-20-19 4

Simulated Access Points on SPCC - Tyson Family Center for Tech_Second Flr_LSP- 02-20-19 4

None.

Measured Access Points on SPCC - Tyson Family Center for Tech_Second Flr_LSP- 02-20-19 4

AP #	Access Point			
121	TFC-2205		Cisco	
	Wi-Fi 4	11	50:87:89:e2:d6:90	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	11	50:87:89:e2:d6:91	
	Wi-Fi 4	11	50:87:89:e2:d6:92	
	Wi-Fi 4	11	50:87:89:e2:d6:95	
	Wi-Fi 4	11	50:87:89:e2:d6:96	
	Wi-Fi 4	11	50:87:89:e2:d6:97	
	Wi-Fi 4	11	50:87:89:e2:d6:98	
	Wi-Fi 4	11	50:87:89:e2:d6:99	
	Wi-Fi 5	60	50:87:89:e2:d6:96	HVAC-OCH SPCC_P1
	Wi-Fi 5	60	50:87:89:e2:d6:97	
	Wi-Fi 5	60	50:87:89:e2:d6:98	SPCC_D1 SPCC_Guest SPCC_Mac SPCC_W1
	Wi-Fi 5	60	50:87:89:e2:d6:99	
	Wi-Fi 5	60	50:87:89:e2:d6:9a	
	Wi-Fi 5	60	50:87:89:e2:d6:9d	
Wi-Fi 5	60	50:87:89:e2:d6:9e		
Wi-Fi 5	60	50:87:89:e2:d6:9f		
Wi-Fi 5	60	50:87:89:e2:d6:9f		
122	TFC-2208		Cisco	
	Wi-Fi 4	6	74:26:ac:1f:59:20	SPCC_W1
	Wi-Fi 4	6	74:26:ac:1f:59:20	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	6	74:26:ac:1f:59:21	
	Wi-Fi 4	6	74:26:ac:1f:59:21	
	Wi-Fi 4	6	74:26:ac:1f:59:22	
	Wi-Fi 4	6	74:26:ac:1f:59:25	
	Wi-Fi 4	6	74:26:ac:1f:59:26	
	Wi-Fi 4	6	74:26:ac:1f:59:27	
	Wi-Fi 4	6	74:26:ac:1f:59:28	
	Wi-Fi 4	6	74:26:ac:1f:59:29	
	Wi-Fi 5	161	74:26:ac:1f:59:26	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	Wi-Fi 5	161	74:26:ac:1f:59:27	
	Wi-Fi 5	161	74:26:ac:1f:59:28	
	Wi-Fi 5	161	74:26:ac:1f:59:29	
Wi-Fi 5	161	74:26:ac:1f:59:2a		
Wi-Fi 5	161	74:26:ac:1f:59:2d		
Wi-Fi 5	161	74:26:ac:1f:59:2e		

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5	161	74:26:ac:1f:59:2f	
123	TFC-2211		Cisco	
	Wi-Fi 5	36	f8:c2:88:e8:d8:06	HVAC-OCH
	Wi-Fi 5	36	f8:c2:88:e8:d8:07	SPCC_P1
	Wi-Fi 5	36	f8:c2:88:e8:d8:08	
	Wi-Fi 5	36	f8:c2:88:e8:d8:09	SPCC_D1
	Wi-Fi 5	36	f8:c2:88:e8:d8:0a	SPCC_Guest
	Wi-Fi 5	36	f8:c2:88:e8:d8:0d	SPCC_Mac
	Wi-Fi 5	36	f8:c2:88:e8:d8:0e	SPCC_S1
	Wi-Fi 5	36	f8:c2:88:e8:d8:0e	
	Wi-Fi 5	36	f8:c2:88:e8:d8:0f	SPCC_W1
124	TFC-2404		Cisco	
	Wi-Fi 4	1	50:87:89:e3:3a:00	
	Wi-Fi 4	1	50:87:89:e3:3a:01	
	Wi-Fi 4	1	50:87:89:e3:3a:02	
	Wi-Fi 4	1	50:87:89:e3:3a:05	SPCC_Mac
	Wi-Fi 4	1	50:87:89:e3:3a:06	SPCC_Guest
	Wi-Fi 4	1	50:87:89:e3:3a:07	SPCC_D1
	Wi-Fi 4	1	50:87:89:e3:3a:08	
	Wi-Fi 4	1	50:87:89:e3:3a:09	SPCC_P1
				HVAC-OCH
	Wi-Fi 5	149	50:87:89:e3:3a:06	HVAC-OCH
	Wi-Fi 5	149	50:87:89:e3:3a:07	SPCC_P1
	Wi-Fi 5	149	50:87:89:e3:3a:08	
	Wi-Fi 5	149	50:87:89:e3:3a:09	
Wi-Fi 5	149	50:87:89:e3:3a:0a	SPCC_D1	
Wi-Fi 5	149	50:87:89:e3:3a:0d	SPCC_Guest	
Wi-Fi 5	149	50:87:89:e3:3a:0e	SPCC_Mac	
Wi-Fi 5	149	50:87:89:e3:3a:0f		
125	TFC-2405		Cisco	
	Wi-Fi 5	153	f4:0f:1b:60:06:96	HVAC-OCH
	Wi-Fi 5	153	f4:0f:1b:60:06:97	SPCC_P1
	Wi-Fi 5	153	f4:0f:1b:60:06:98	
	Wi-Fi 5	153	f4:0f:1b:60:06:99	SPCC_D1
	Wi-Fi 5	153	f4:0f:1b:60:06:9a	SPCC_Guest
	Wi-Fi 5	153	f4:0f:1b:60:06:9d	SPCC_Mac
	Wi-Fi 5	153	f4:0f:1b:60:06:9e	
	Wi-Fi 5	153	f4:0f:1b:60:06:9f	
126	TFC-2406		Cisco	
	Wi-Fi 4	11	50:87:89:e3:3d:d0	
	Wi-Fi 4	11	50:87:89:e3:3d:d1	
	Wi-Fi 4	11	50:87:89:e3:3d:d2	
	Wi-Fi 4	11	50:87:89:e3:3d:d5	SPCC_Mac
	Wi-Fi 4	11	50:87:89:e3:3d:d6	SPCC_Guest
	Wi-Fi 4	11	50:87:89:e3:3d:d7	SPCC_D1
	Wi-Fi 4	11	50:87:89:e3:3d:d8	
Wi-Fi 4	11	50:87:89:e3:3d:d9	SPCC_P1	

SPCC_TFC_BRASWELL_MAIN_SURVEY

				HVAC-OCH
	Wi-Fi 5	56	50:87:89:e3:3d:d6	HVAC-OCH
	Wi-Fi 5	56	50:87:89:e3:3d:d7	SPCC_P1
	Wi-Fi 5	56	50:87:89:e3:3d:d8	
	Wi-Fi 5	56	50:87:89:e3:3d:d9	SPCC_D1
	Wi-Fi 5	56	50:87:89:e3:3d:da	SPCC_Guest
	Wi-Fi 5	56	50:87:89:e3:3d:dd	SPCC_Mac
	Wi-Fi 5	56	50:87:89:e3:3d:de	
	Wi-Fi 5	56	50:87:89:e3:3d:df	
127	TFC-2407		Cisco	
	Wi-Fi 5	64	50:87:89:e2:dc:66	HVAC-OCH
	Wi-Fi 5	64	50:87:89:e2:dc:67	SPCC_P1
	Wi-Fi 5	64	50:87:89:e2:dc:68	
	Wi-Fi 5	64	50:87:89:e2:dc:69	SPCC_D1
	Wi-Fi 5	64	50:87:89:e2:dc:6a	SPCC_Guest
	Wi-Fi 5	64	50:87:89:e2:dc:6d	SPCC_Mac
	Wi-Fi 5	64	50:87:89:e2:dc:6e	
	Wi-Fi 5	64	50:87:89:e2:dc:6f	
128	TFC-2408		Cisco	
	Wi-Fi 4	11	f8:c2:88:d2:75:20	
	Wi-Fi 4	11	f8:c2:88:d2:75:21	
	Wi-Fi 4	11	f8:c2:88:d2:75:22	
	Wi-Fi 4	11	f8:c2:88:d2:75:25	SPCC_Mac
	Wi-Fi 4	11	f8:c2:88:d2:75:26	SPCC_Guest
	Wi-Fi 4	11	f8:c2:88:d2:75:27	SPCC_D1
	Wi-Fi 4	11	f8:c2:88:d2:75:28	
	Wi-Fi 4	11	f8:c2:88:d2:75:29	SPCC_P1 HVAC-OCH
	Wi-Fi 5	44	f8:c2:88:d2:75:26	HVAC-OCH
	Wi-Fi 5	44	f8:c2:88:d2:75:27	SPCC_P1
	Wi-Fi 5	44	f8:c2:88:d2:75:28	
	Wi-Fi 5	44	f8:c2:88:d2:75:29	SPCC_D1
	Wi-Fi 5	44	f8:c2:88:d2:75:2a	SPCC_Guest
	Wi-Fi 5	44	f8:c2:88:d2:75:2d	SPCC_Mac
	Wi-Fi 5	44	f8:c2:88:d2:75:2e	
	Wi-Fi 5	44	f8:c2:88:d2:75:2f	
129	TFC-2409		Cisco	
	Wi-Fi 5	36	50:87:89:d1:1c:c6	HVAC-OCH
	Wi-Fi 5	36	50:87:89:d1:1c:c7	SPCC_P1
	Wi-Fi 5	36	50:87:89:d1:1c:c8	
	Wi-Fi 5	36	50:87:89:d1:1c:c9	SPCC_D1
	Wi-Fi 5	36	50:87:89:d1:1c:ca	SPCC_Guest
	Wi-Fi 5	36	50:87:89:d1:1c:cd	SPCC_Mac
	Wi-Fi 5	36	50:87:89:d1:1c:ce	
	Wi-Fi 5	36	50:87:89:d1:1c:cf	
130	TFC-2601		Cisco	
	Wi-Fi 4	1	f8:c2:88:e8:d8:a0	SPCC_W1

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4	1	f8:c2:88:e8:d8:a0	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	1	f8:c2:88:e8:d8:a1	
	Wi-Fi 4	1	f8:c2:88:e8:d8:a2	
	Wi-Fi 4	1	f8:c2:88:e8:d8:a5	
	Wi-Fi 4	1	f8:c2:88:e8:d8:a6	
	Wi-Fi 4	1	f8:c2:88:e8:d8:a7	
	Wi-Fi 4	1	f8:c2:88:e8:d8:a8	
	Wi-Fi 4	1	f8:c2:88:e8:d8:a9	
	Wi-Fi 5	40	f8:c2:88:e8:d8:a6	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	Wi-Fi 5	40	f8:c2:88:e8:d8:a7	
	Wi-Fi 5	40	f8:c2:88:e8:d8:a8	
	Wi-Fi 5	40	f8:c2:88:e8:d8:a9	
	Wi-Fi 5	40	f8:c2:88:e8:d8:aa	
	Wi-Fi 5	40	f8:c2:88:e8:d8:ad	
	Wi-Fi 5	40	f8:c2:88:e8:d8:ae	
	Wi-Fi 5	40	f8:c2:88:e8:d8:af	
131	TFC-2602		Cisco	
	Wi-Fi 5	149	50:87:89:c3:00:96	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	Wi-Fi 5	149	50:87:89:c3:00:97	
	Wi-Fi 5	149	50:87:89:c3:00:98	
	Wi-Fi 5	149	50:87:89:c3:00:99	
	Wi-Fi 5	149	50:87:89:c3:00:9a	
	Wi-Fi 5	149	50:87:89:c3:00:9d	
	Wi-Fi 5	149	50:87:89:c3:00:9e	
	Wi-Fi 5	149	50:87:89:c3:00:9f	
132	TFC-Halloutside		Cisco	
	Wi-Fi 5	40	f8:c2:88:cc:81:76	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	Wi-Fi 5	40	f8:c2:88:cc:81:77	
	Wi-Fi 5	40	f8:c2:88:cc:81:78	
	Wi-Fi 5	40	f8:c2:88:cc:81:79	
	Wi-Fi 5	40	f8:c2:88:cc:81:7a	
	Wi-Fi 5	40	f8:c2:88:cc:81:7d	
	Wi-Fi 5	40	f8:c2:88:cc:81:7e	
	Wi-Fi 5	40	f8:c2:88:cc:81:7f	
133	TFC-Outside2504		Cisco	
	Wi-Fi 4	6	50:87:89:bf:64:90	SPCC_S1 SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH
	Wi-Fi 4	6	50:87:89:bf:64:91	
	Wi-Fi 4	6	50:87:89:bf:64:91	
	Wi-Fi 4	6	50:87:89:bf:64:92	
	Wi-Fi 4	6	50:87:89:bf:64:95	
	Wi-Fi 4	6	50:87:89:bf:64:96	
	Wi-Fi 4	6	50:87:89:bf:64:97	
	Wi-Fi 4	6	50:87:89:bf:64:98	
	Wi-Fi 4	6	50:87:89:bf:64:99	
	Wi-Fi 5	161	50:87:89:bf:64:96	HVAC-OCH SPCC_P1 SPCC_D1
	Wi-Fi 5	161	50:87:89:bf:64:97	
	Wi-Fi 5	161	50:87:89:bf:64:98	
	Wi-Fi 5	161	50:87:89:bf:64:99	

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 5	161	50:87:89:bf:64:9a	SPCC_Guest
	Wi-Fi 5	161	50:87:89:bf:64:9d	SPCC_Mac
	Wi-Fi 5	161	50:87:89:bf:64:9e	
	Wi-Fi 5	161	50:87:89:bf:64:9f	

Other Access Points on SPCC - Tyson Family Center for Tech_Second Flr_LSP- 02-20-19 4

Simulated Access Points on SPCC - Tyson Family Center for Tech_Second Flr_LSP- 02-20-19 4

None.

Measured Access Points on SPCC - Tyson Family Center for Tech_Second Flr_LSP- 02-20-19 4

AP #	Access Point			
119	Measured AP-31:31		HP	
	Wi-Fi 3	6	34:64:a9:63:31:31	HP-Print-31-Officejet Pro 8610
120	Measured AP-dc:ab		Liteon	
	Wi-Fi 4	1	10:63:c8:a9:dc:ab	VIAGO2_AP1

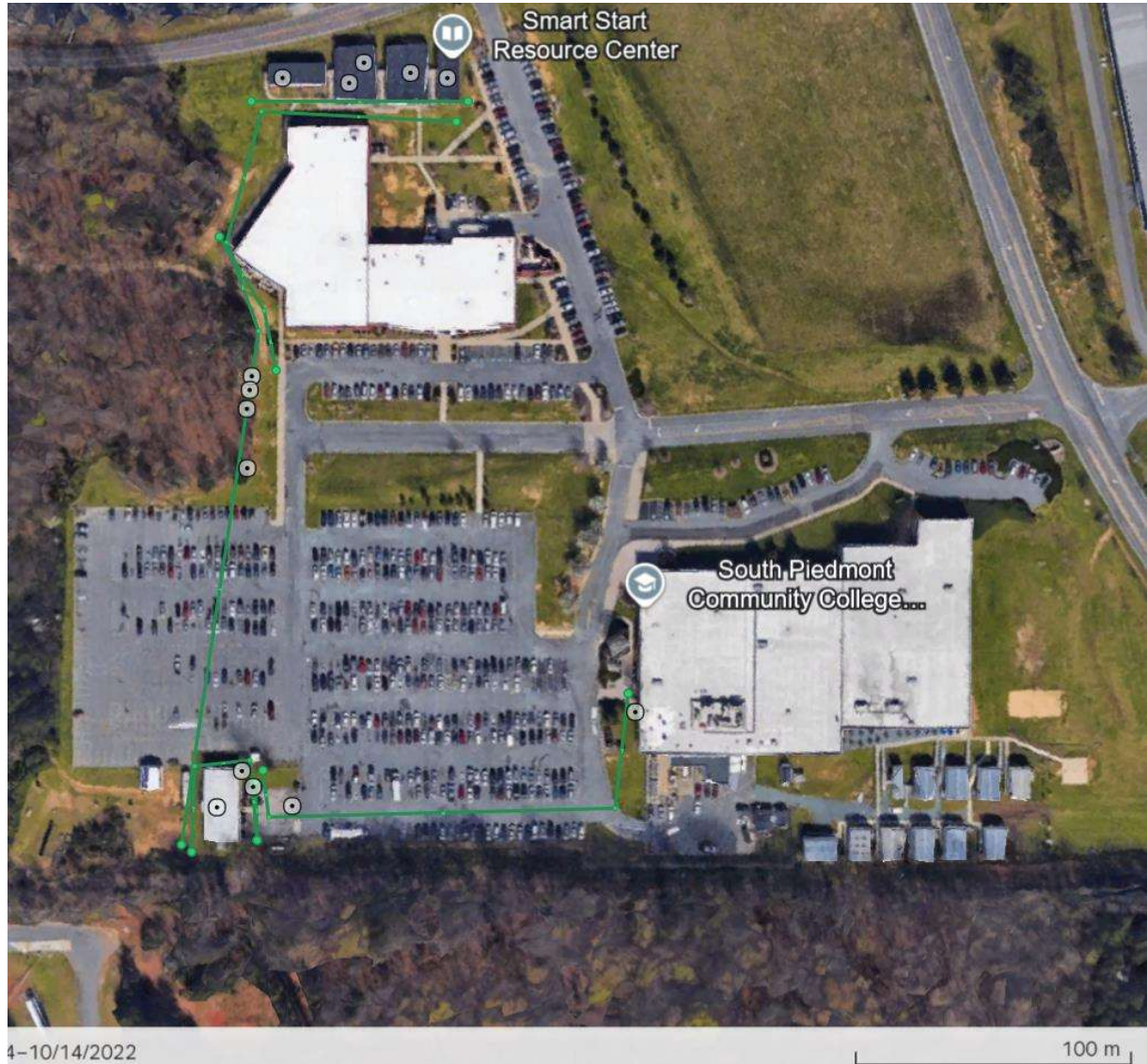
Channel Width for SPCC - Tyson Family Center for Tech_Second Flr_LSP-02-20-19 4 on 5 GHz band

Shows the maximum channel width available in each area.



SPCC_Monroe_GE_Campus

Survey routes and Access Points for SPCC_Monroe_GE_Campus



Coverage Requirement: Ekahau Best Practices		
2.4 GHz	Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	20.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	2 at min. -85.0 dBm

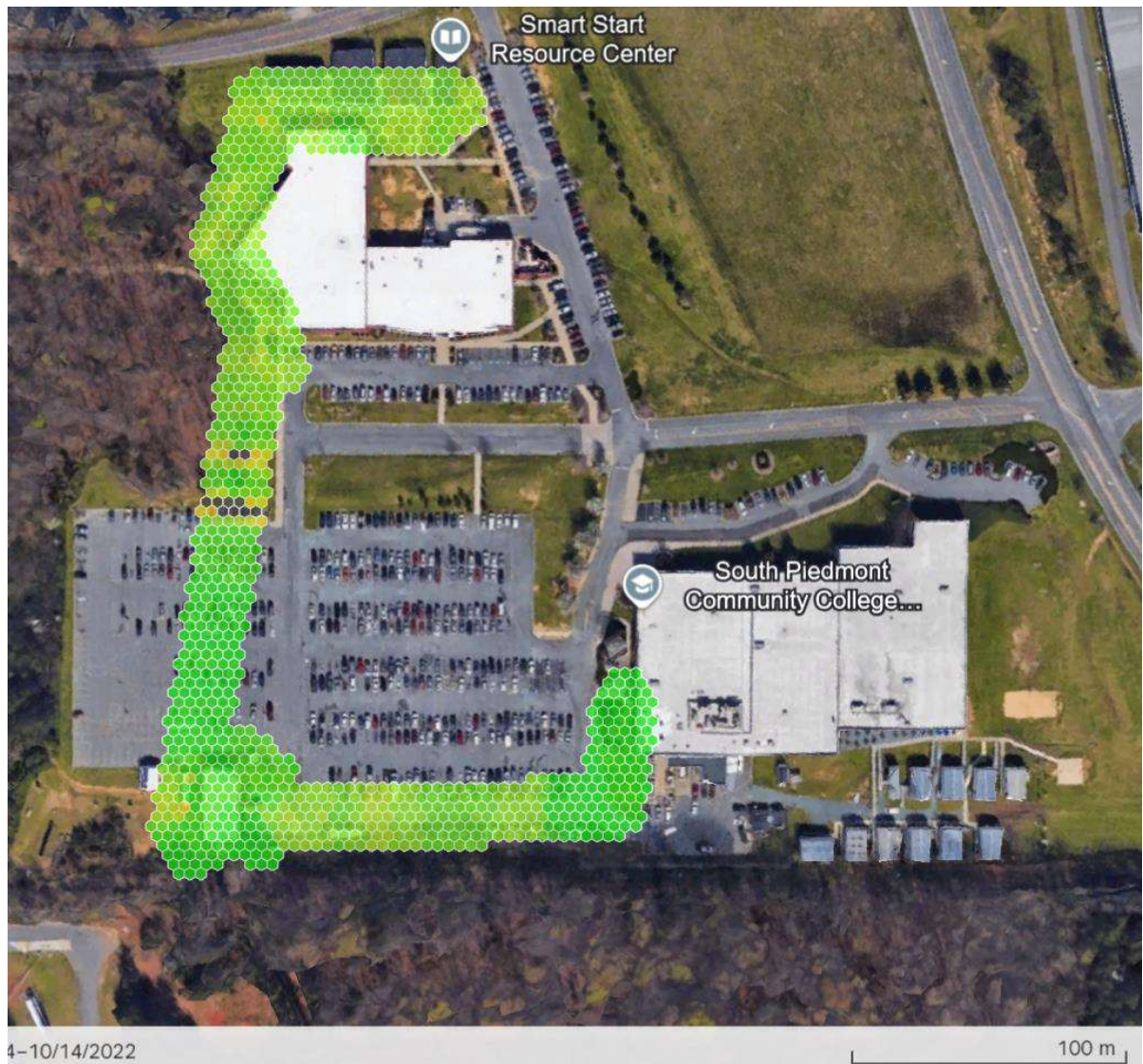
SPCC_TFC_BRASWELL_MAIN_SURVEY

	Round Trip Time (RTT) Max	200 ms
	Packet Loss Max	0.0 %
5 GHz	Signal Strength Min	-67.0 dBm
	Secondary Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	25.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	1 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
	Packet Loss Max	0.0 %
6 GHz	Signal Strength Min	-67.0 dBm
	Secondary Signal Strength Min	-67.0 dBm
	Signal-to-Noise Ratio Min	25.0 dB
	Data Rate Min	24 Mbps
	Channel Interference Max	1 at min. -85.0 dBm
	Round Trip Time (RTT) Max	200 ms
	Packet Loss Max	0.0 %

View as / Project Offset	Measured
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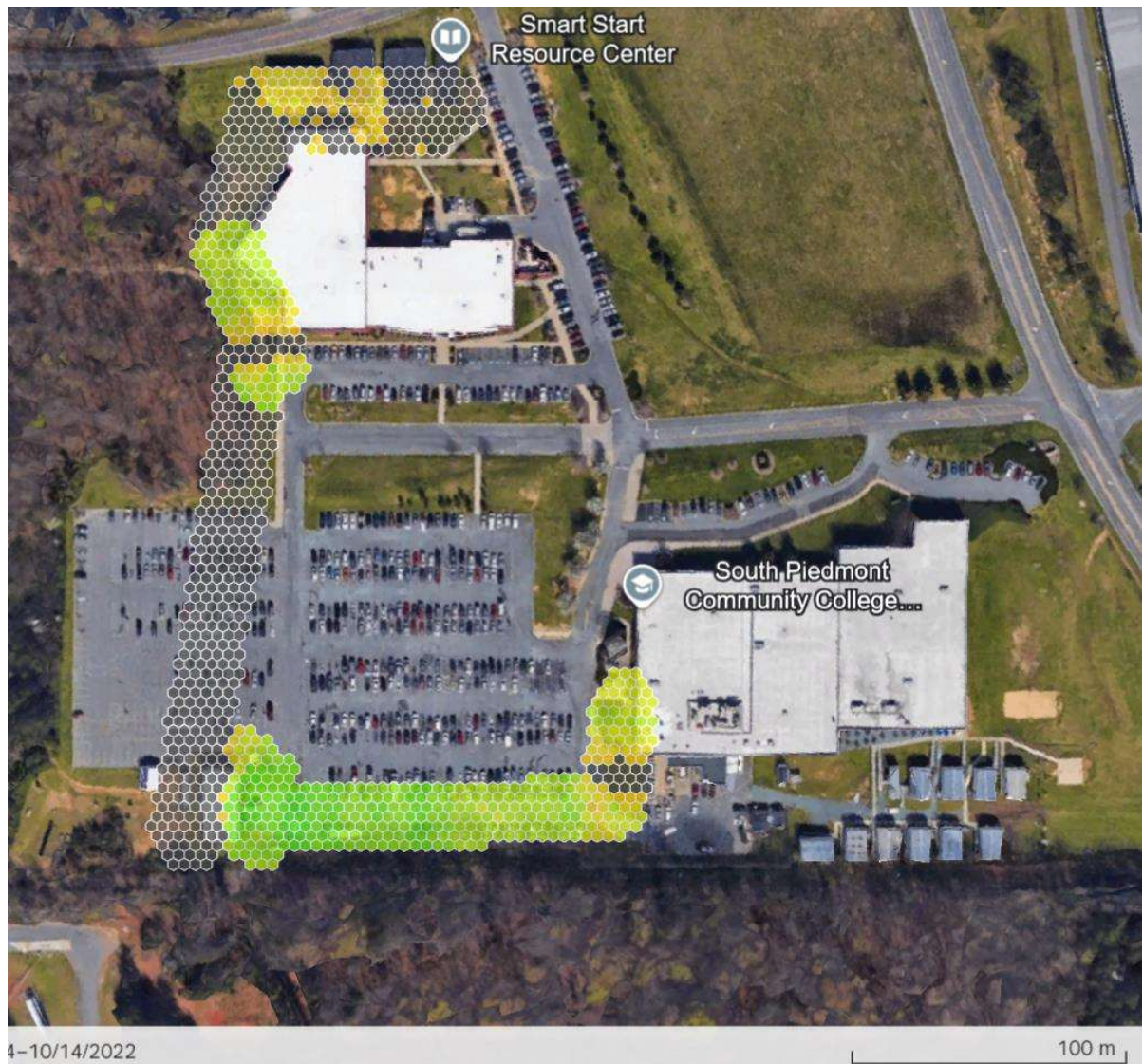
Signal Strength for SPCC_Monroe_GE_Campus on 2.4 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



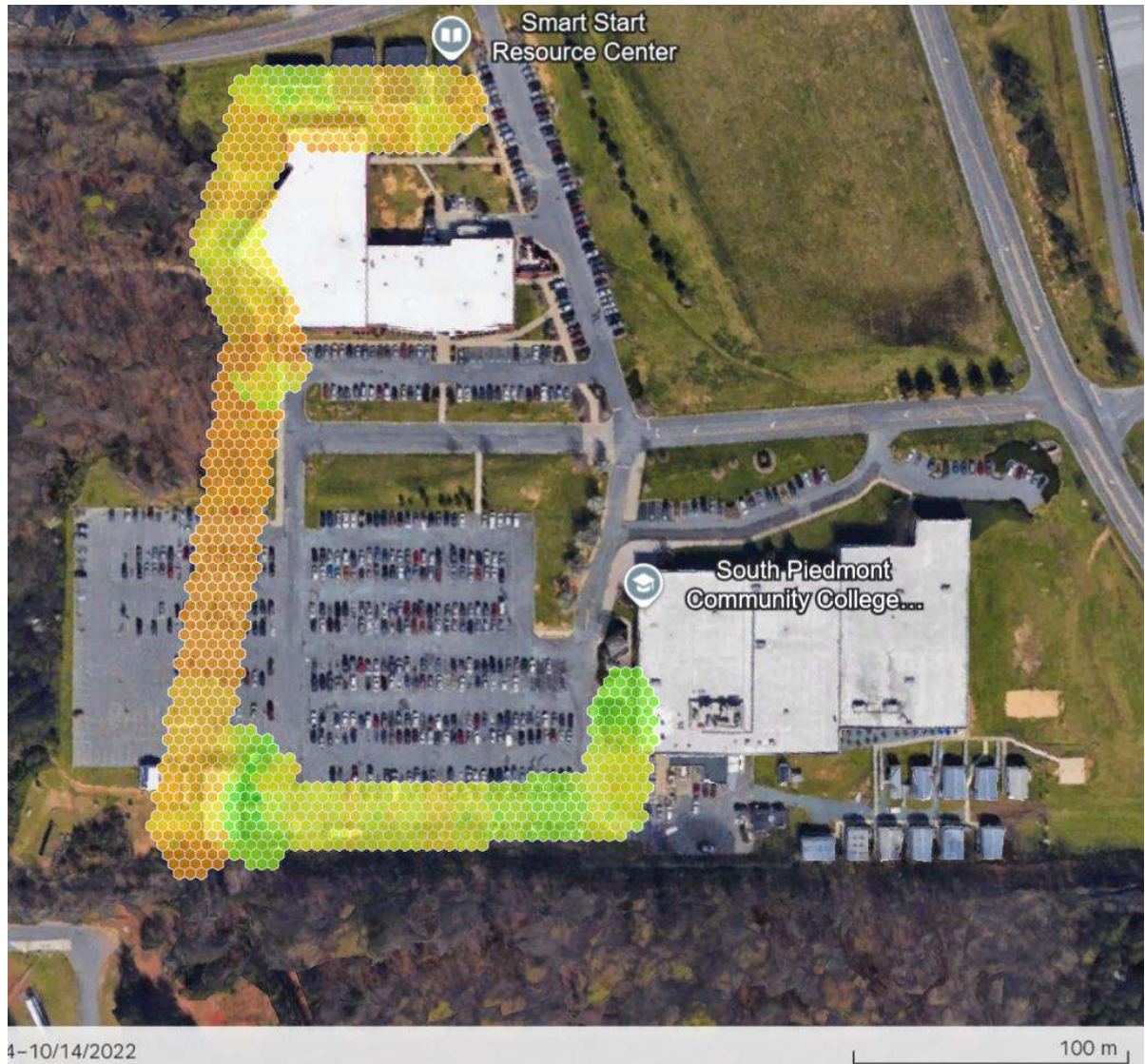
Signal Strength for SPCC_Monroe_GE_Campus on 5 GHz band

Signal Strength - sometimes called coverage - is the most basic requirement for a wireless network. As a general guideline, low signal strength means unreliable connections, and low data throughput.



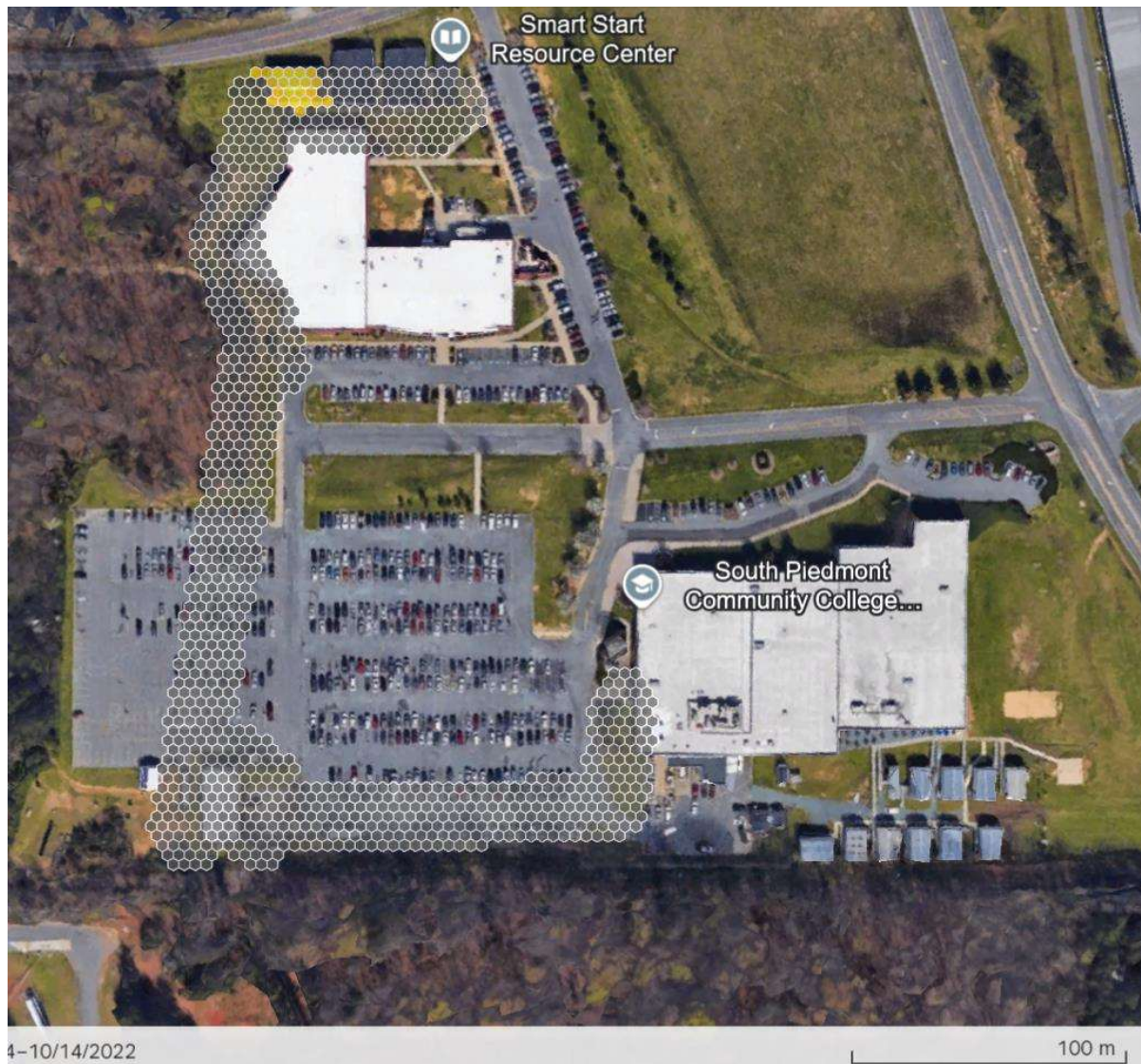
Secondary Signal Strength for SPCC_Monroe_GE_Campus on 2.4 GHz band

Secondary Signal Strength shows the second strongest RSSI on any given location on the map. This heatmap helps to ensure smooth roaming for clients and quality of service for certain latency-sensitive applications, such as VoIP calls.



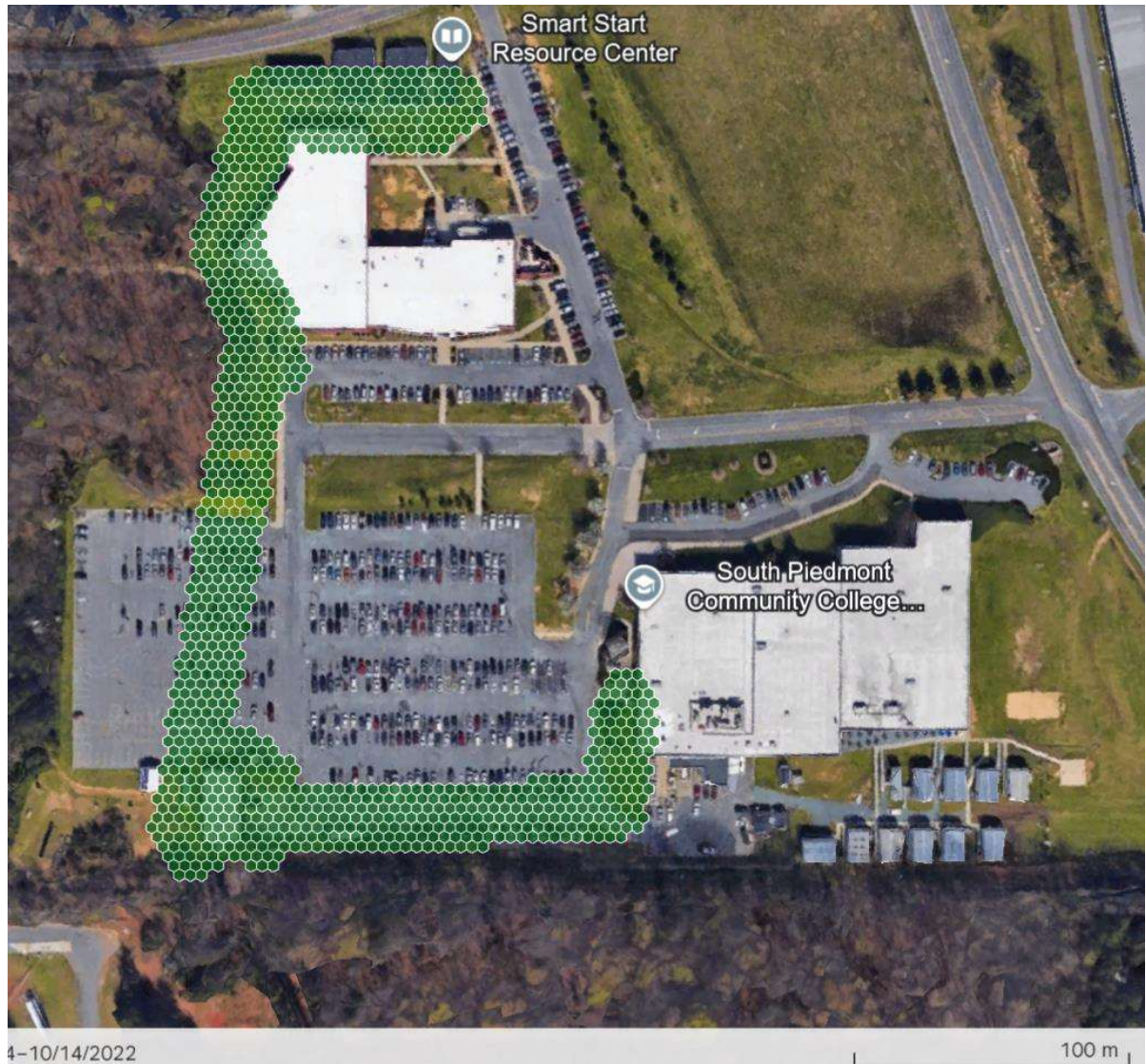
Secondary Signal Strength for SPCC_Monroe_GE_Campus on 5 GHz band

Secondary Signal Strength shows the second strongest RSSI on any given location on the map. This heatmap helps to ensure smooth roaming for clients and quality of service for certain latency-sensitive applications, such as VoIP calls.



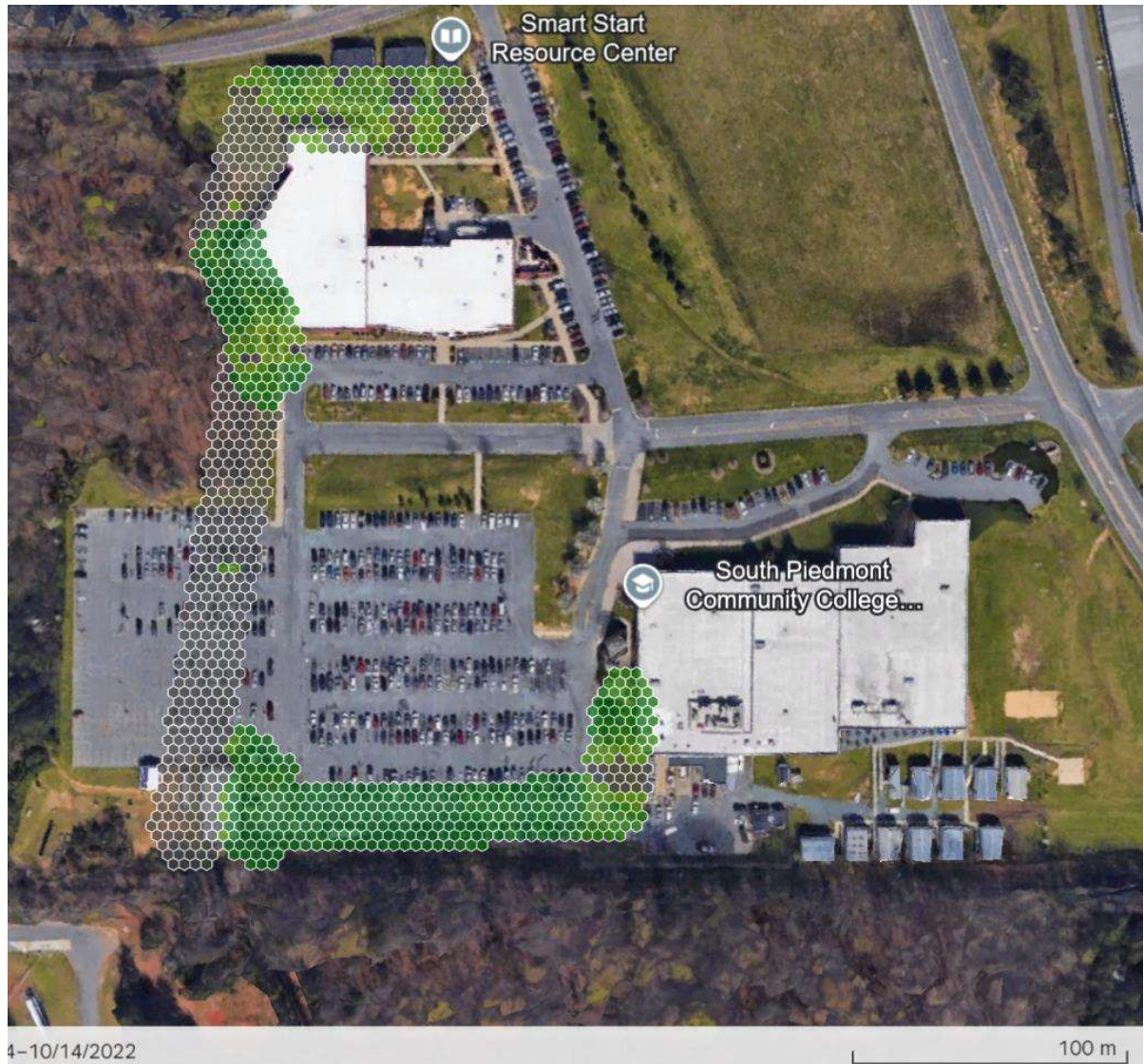
Signal To Noise Ratio (SNR) for SPCC_Monroe_GE_Campus on 2.4 GHz band

Signal-To-Noise Ratio indicates how much the signal strength is stronger than the noise (co-channel interference). Signal must be stronger than noise (SNR greater than zero) for data transfer to be possible. If the signal is only barely stronger than noise, you may encounter occasional connection drop-offs.



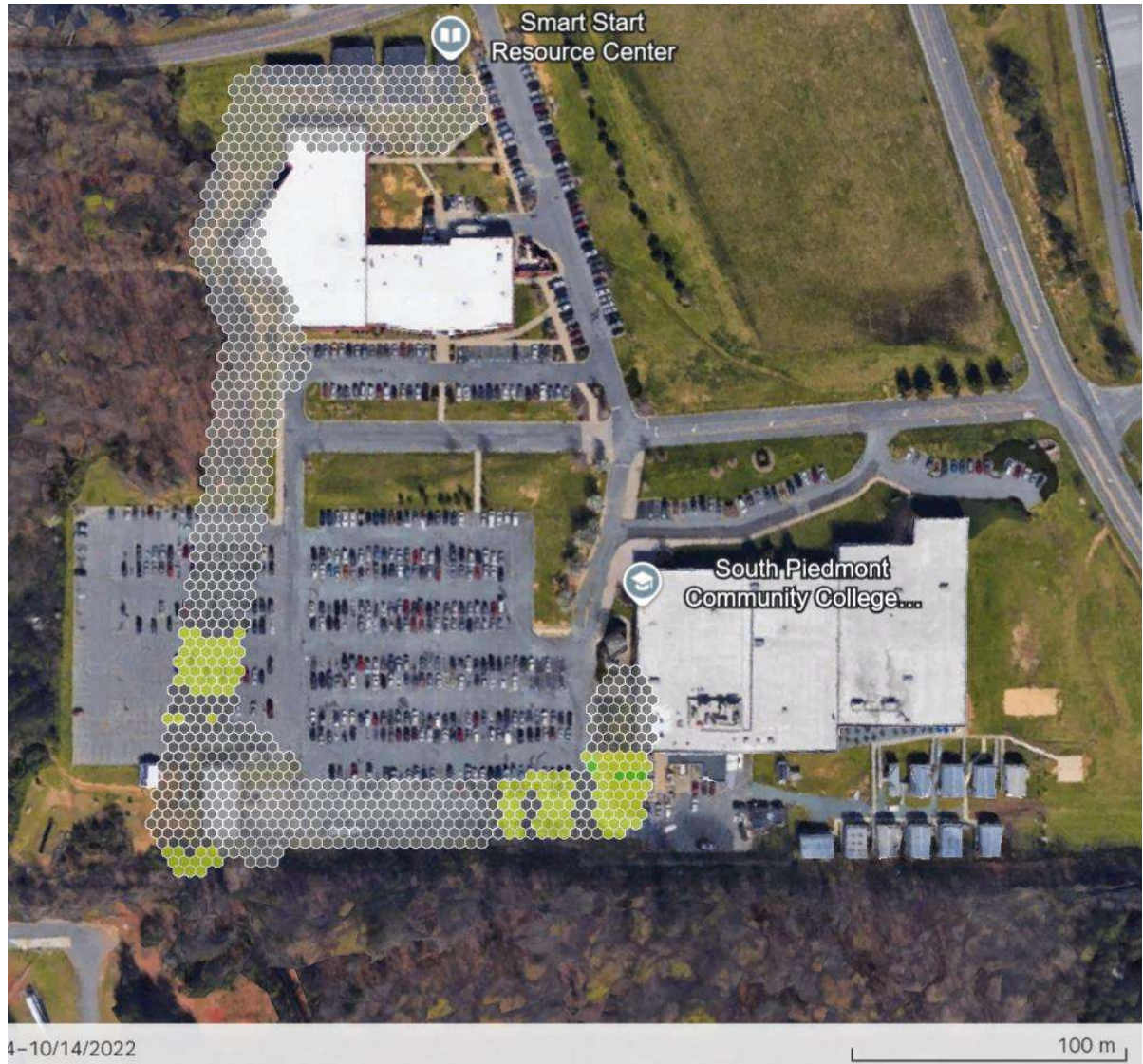
Signal To Noise Ratio (SNR) for SPCC_Monroe_GE_Campus on 5 GHz band

Signal-To-Noise Ratio indicates how much the signal strength is stronger than the noise (co-channel interference). Signal must be stronger than noise (SNR greater than zero) for data transfer to be possible. If the signal is only barely stronger than noise, you may encounter occasional connection drop-offs.



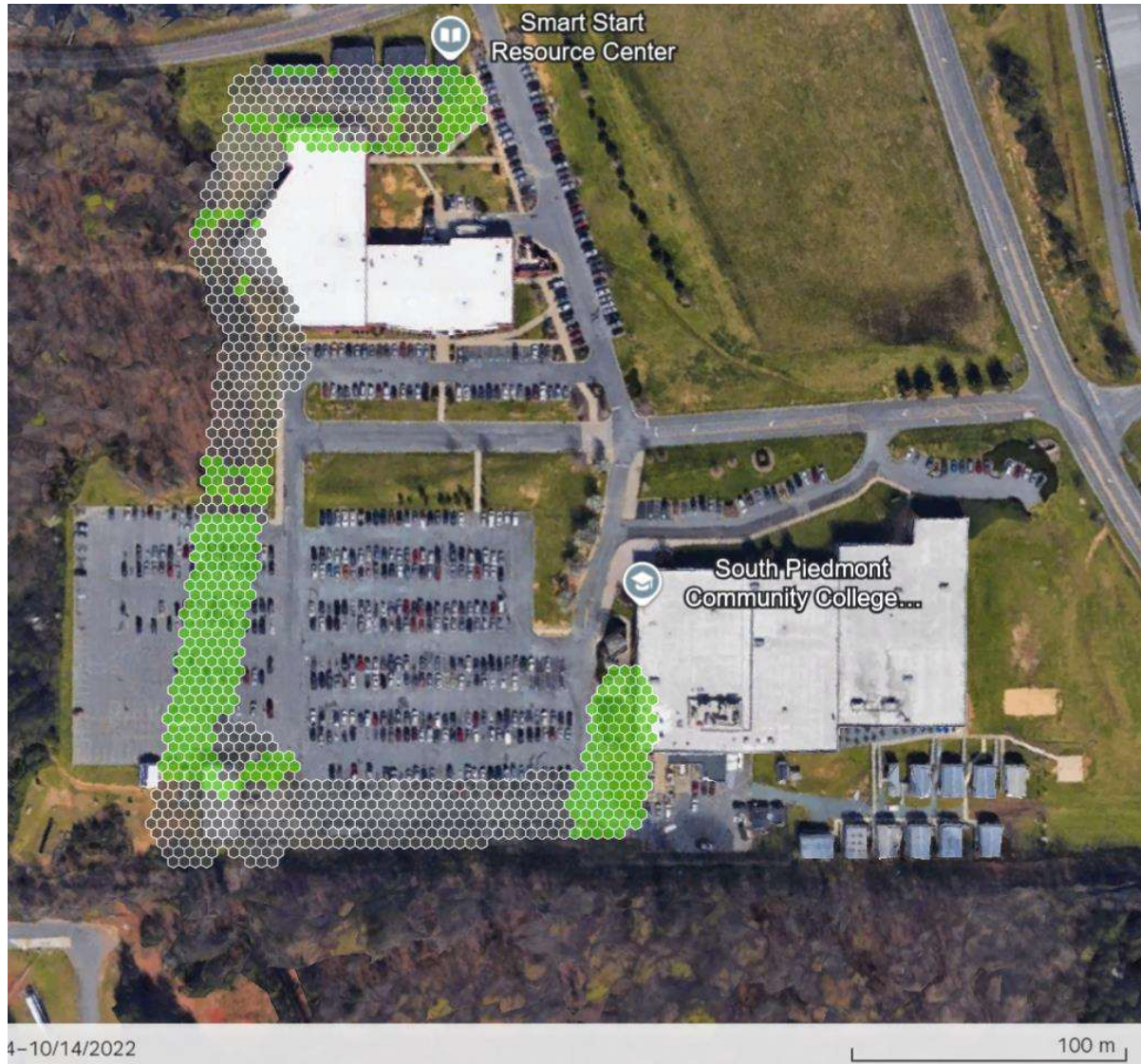
Channel Interference for SPCC_Monroe_GE_Campus on 2.4 GHz band

Channel interference indicates the number of access points overlapping at each location in a single channel.



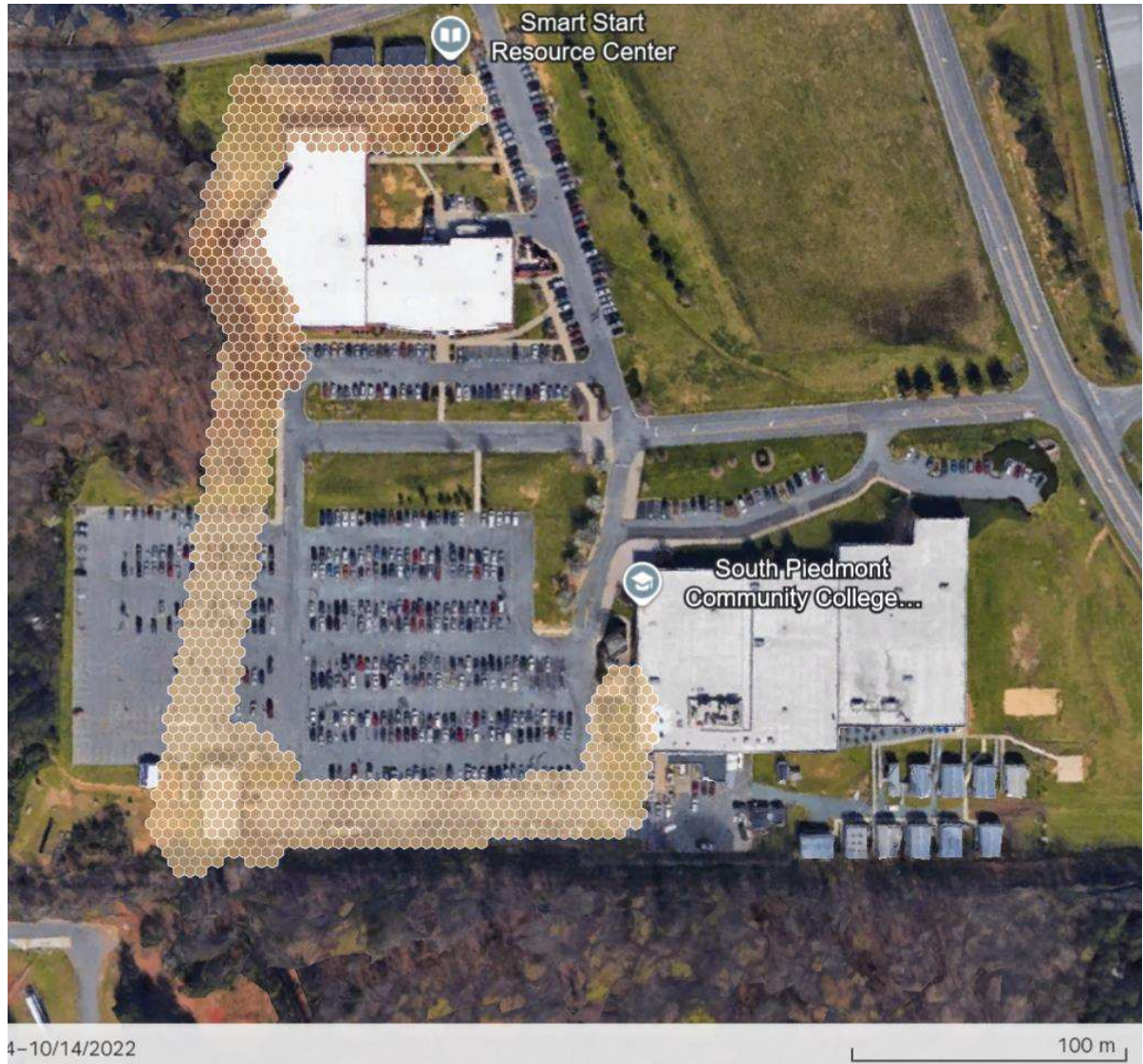
Channel Interference for SPCC_Monroe_GE_Campus on 5 GHz band

Channel interference indicates the number of access points overlapping at each location in a single channel.



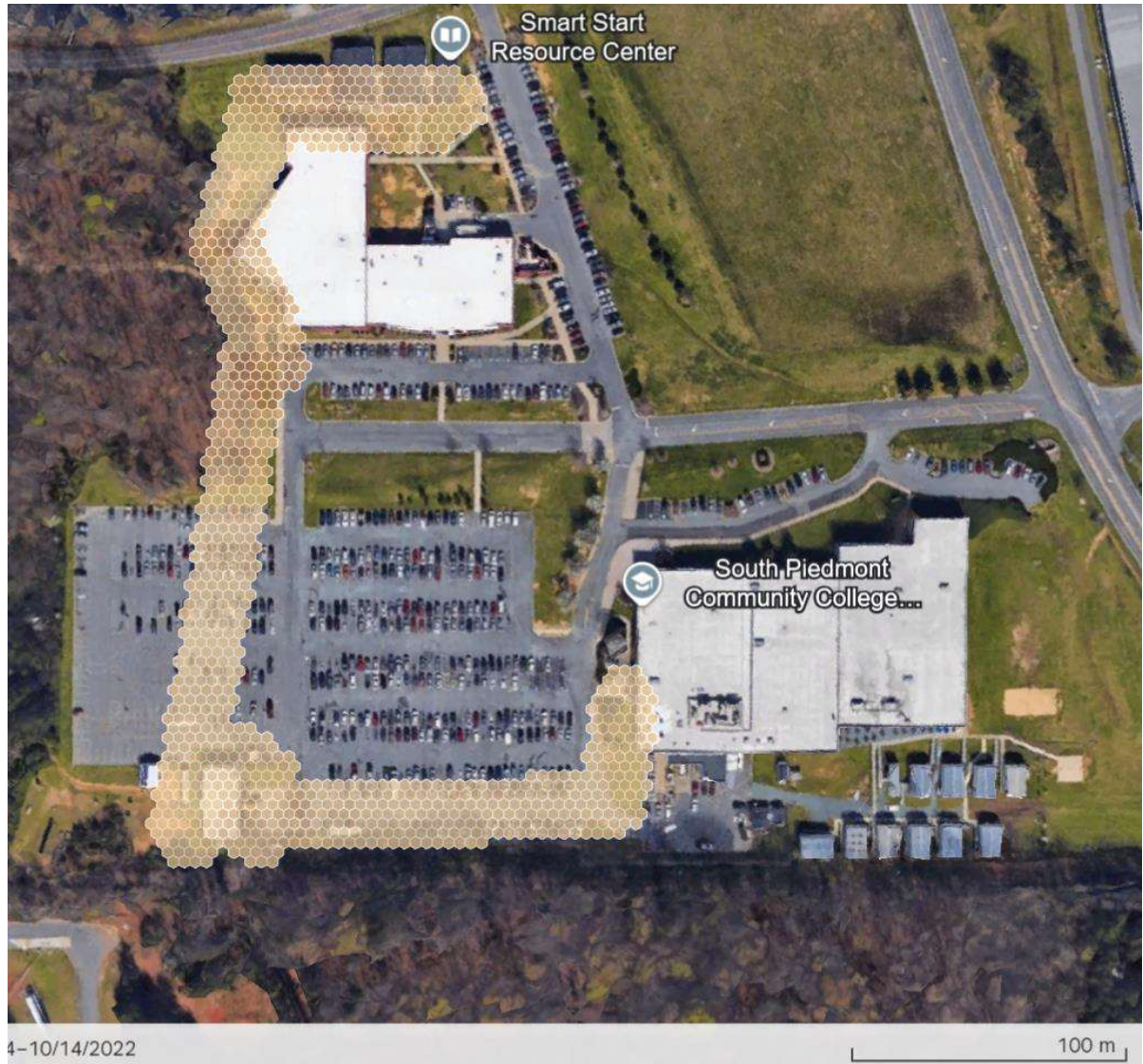
Number of APs for SPCC_Monroe_GE_Campus on 2.4 GHz band

Number of Access Points indicates the number of access points audible at each location.



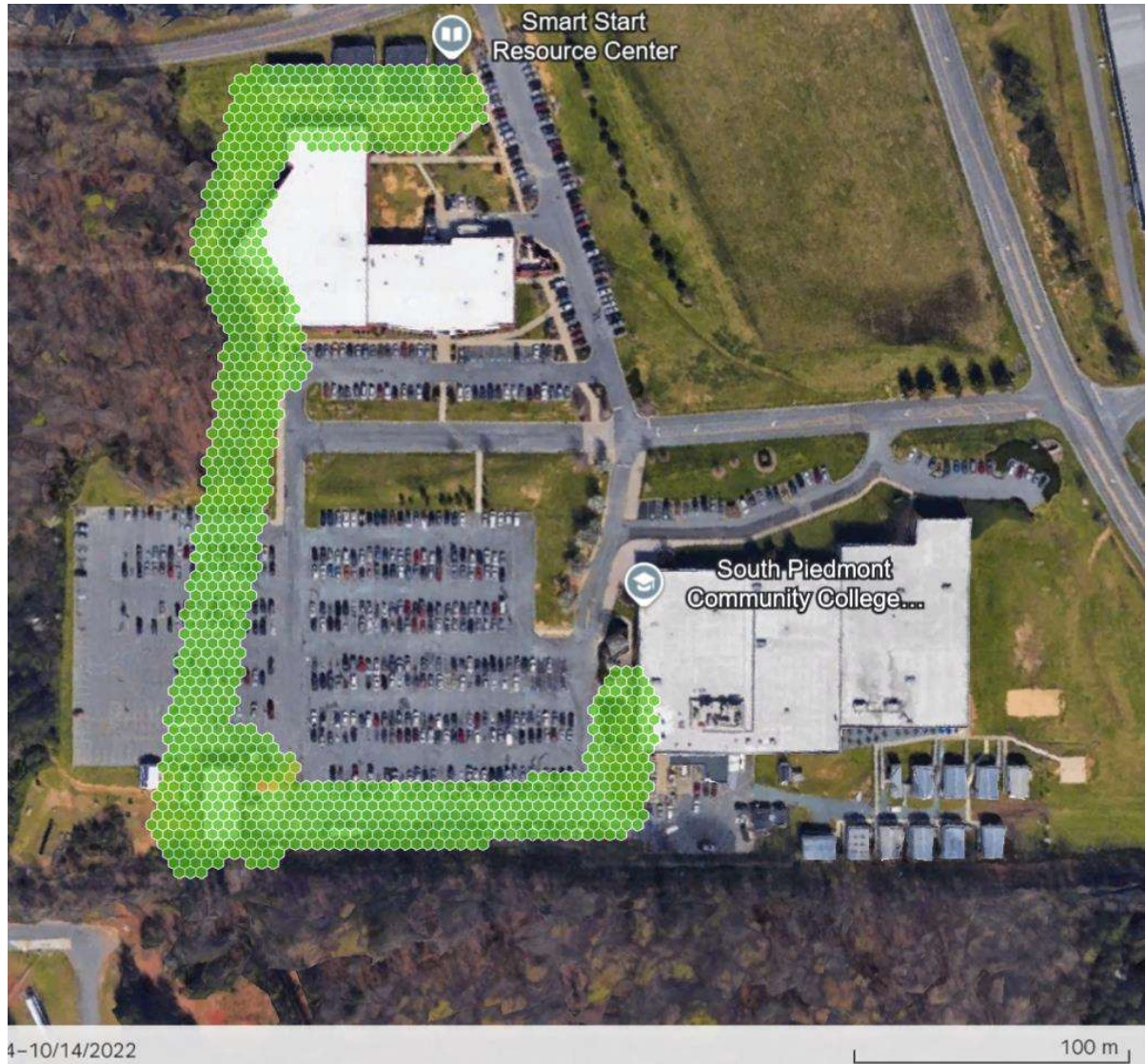
Number of APs for SPCC_Monroe_GE_Campus on 5 GHz band

Number of Access Points indicates the number of access points audible at each location.



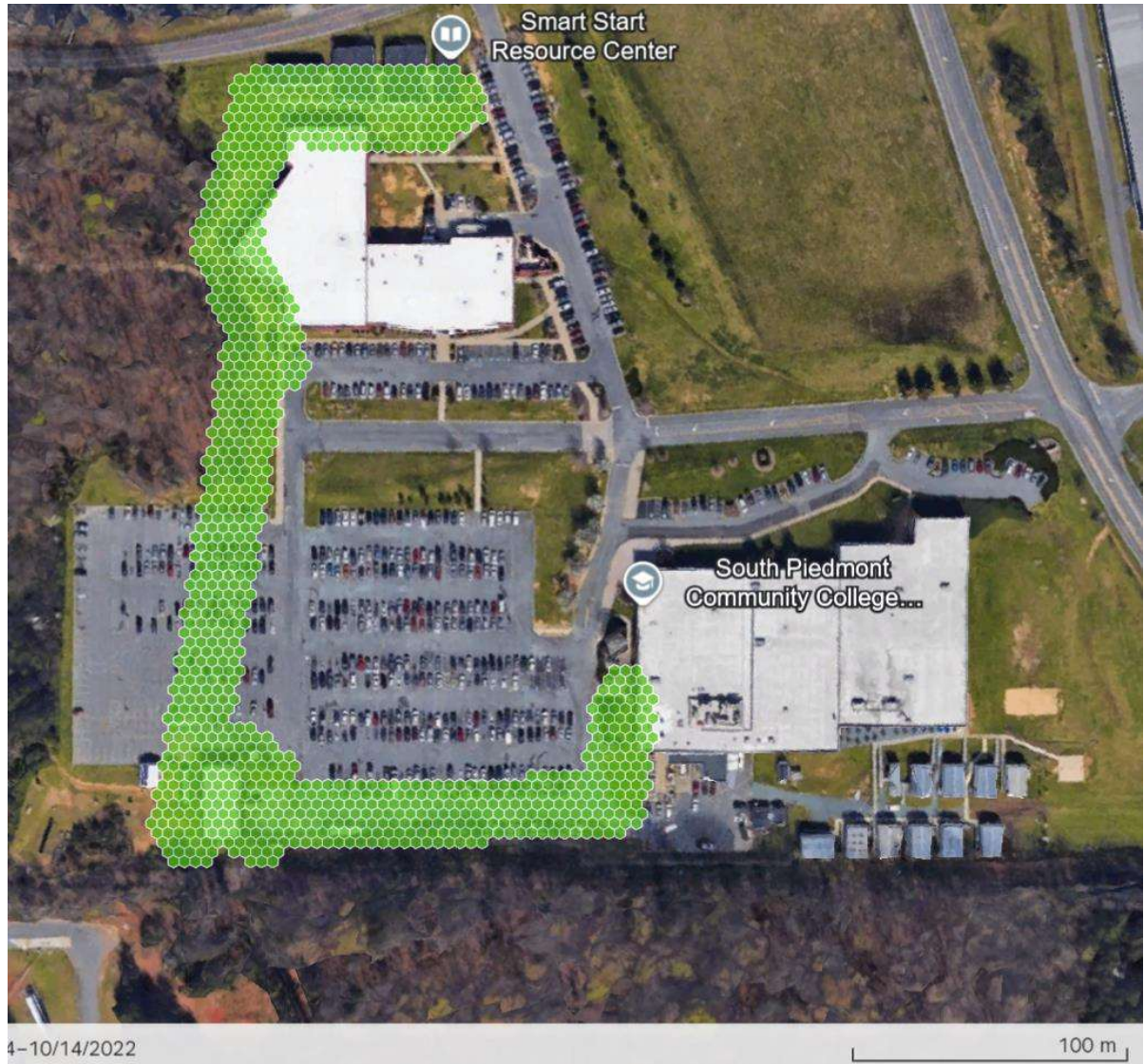
Noise for SPCC_Monroe_GE_Campus on 2.4 GHz band

Displays the noise level in the network as measured by the network adapter.



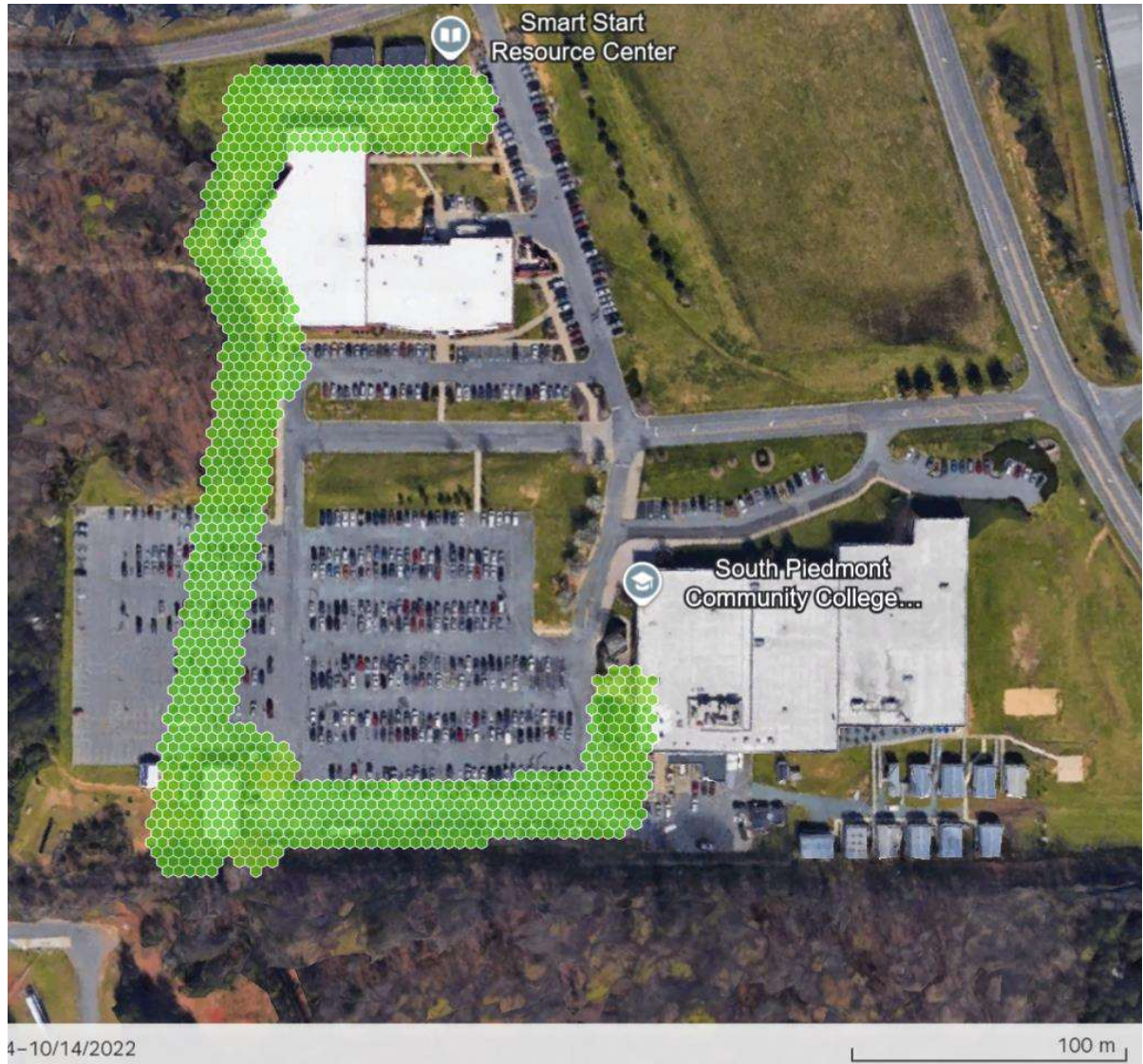
Noise for SPCC_Monroe_GE_Campus on 5 GHz band

Displays the noise level in the network as measured by the network adapter.



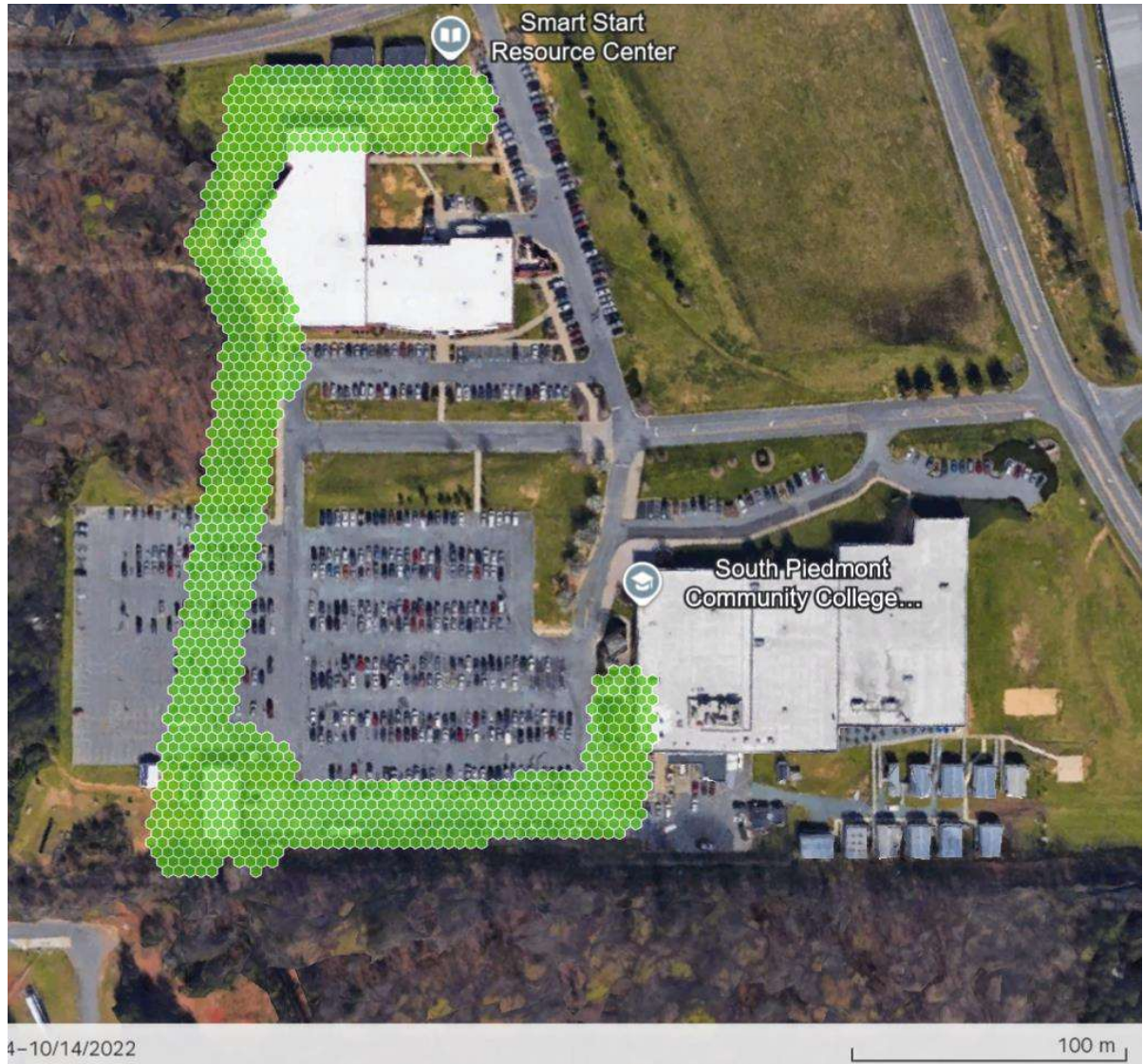
Channel Utilization for SPCC_Monroe_GE_Campus on 2.4 GHz band

Channel utilization shows the share of time the spectrum power measured by spectrum analyzer high enough so that the channel can be considered as occupied.

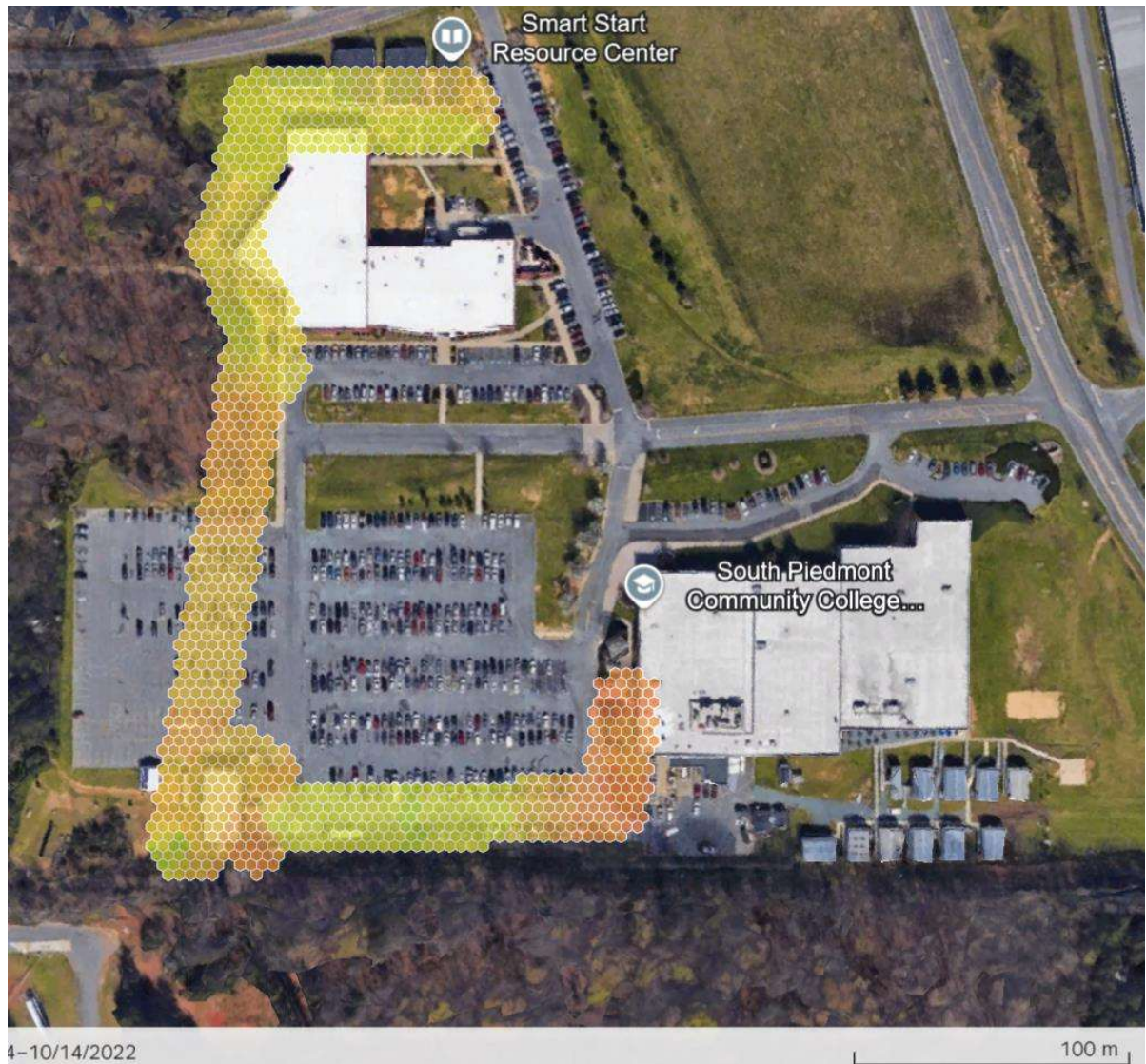


Channel Utilization for SPCC_Monroe_GE_Campus on 5 GHz band

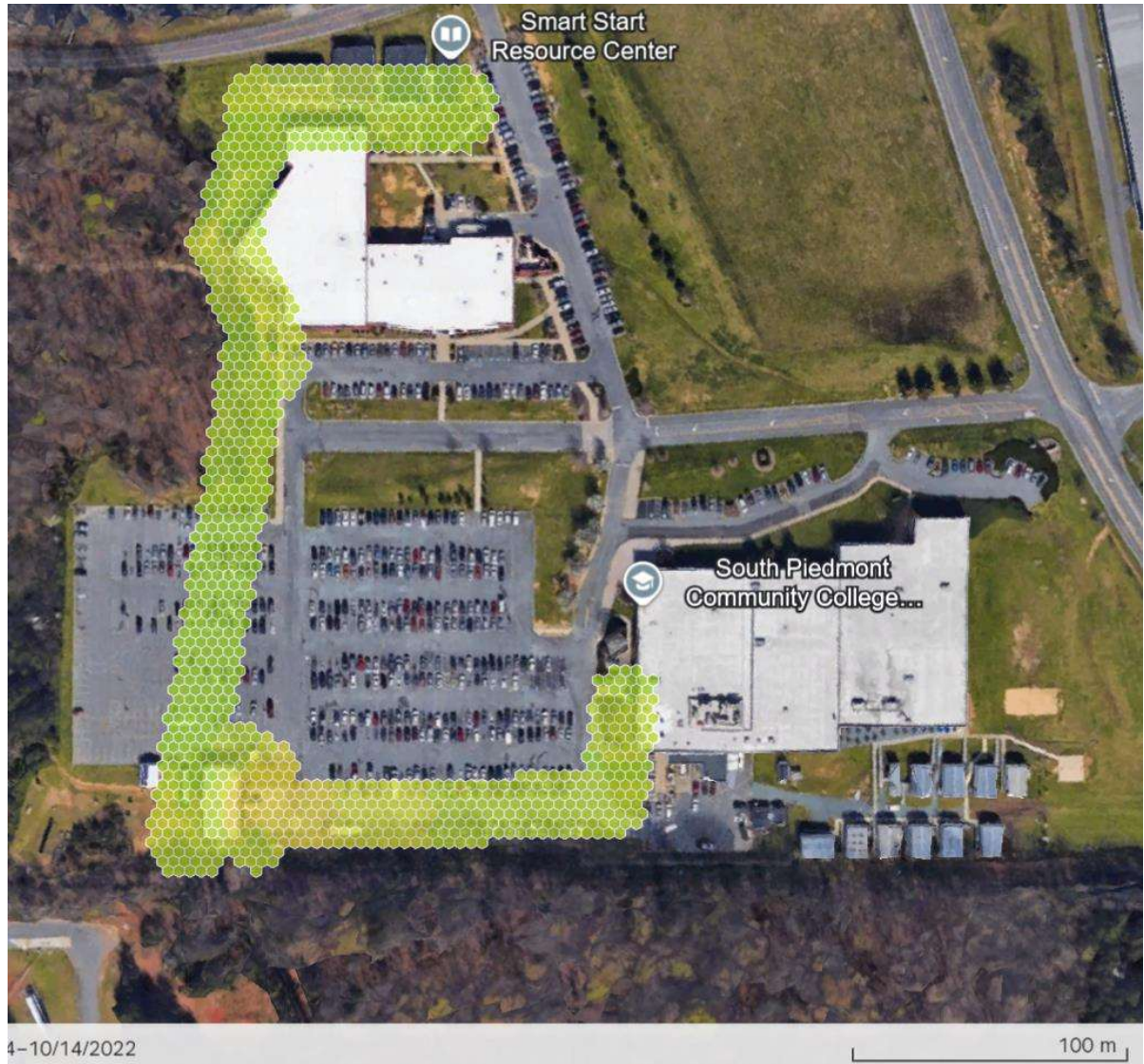
Channel utilization shows the share of time the spectrum power measured by spectrum analyzer high enough so that the channel can be considered as occupied.



Spectrum Channel Power for SPCC_Monroe_GE_Campus on 2.4 GHz band



Spectrum Channel Power for SPCC_Monroe_GE_Campus on 5 GHz band



Access Points on SPCC_Monroe_GE_Campus



My Access Points on SPCC_Monroe_GE_Campus

Simulated Access Points on SPCC_Monroe_GE_Campus

None.

Measured Access Points on SPCC_Monroe_GE_Campus

AP #	Access Point				
1	OCH-ART-Outside		Cisco		
	Wi-Fi 4	6	4c:e1:76:2d:cc:60	SPCC_D1 SPCC_Guest HVAC-OCH SPCC_P1	
	Wi-Fi 4	6	4c:e1:76:2d:cc:61		
	Wi-Fi 4	6	4c:e1:76:2d:cc:62		
	Wi-Fi 4	6	4c:e1:76:2d:cc:65		
	Wi-Fi 4	6	4c:e1:76:2d:cc:66		
	Wi-Fi 4	6	4c:e1:76:2d:cc:67		
	Wi-Fi 4	6	4c:e1:76:2d:cc:68		
	Wi-Fi 5	60	4c:e1:76:2d:cc:67	SPCC_P1 HVAC-OCH SPCC_Guest SPCC_D1 SPCC_S1	
	Wi-Fi 5	60	4c:e1:76:2d:cc:68		
	Wi-Fi 5	60	4c:e1:76:2d:cc:69		
	Wi-Fi 5	60	4c:e1:76:2d:cc:6a		
	Wi-Fi 5	60	4c:e1:76:2d:cc:6d		
	Wi-Fi 5	60	4c:e1:76:2d:cc:6e		
Wi-Fi 5	60	4c:e1:76:2d:cc:6e			
Wi-Fi 5	60	4c:e1:76:2d:cc:6f			
2	OCH-Fine-Arts		Cisco		
	Wi-Fi 4	1	f4:0f:1b:0a:59:70	SPCC_Mac SPCC_Guest SPCC_D1	
	Wi-Fi 4	1	f4:0f:1b:0a:59:71		
	Wi-Fi 4	1	f4:0f:1b:0a:59:72		
	Wi-Fi 4	1	f4:0f:1b:0a:59:75		
	Wi-Fi 4	1	f4:0f:1b:0a:59:76		
	Wi-Fi 4	1	f4:0f:1b:0a:59:77		
	Wi-Fi 4	1	f4:0f:1b:0a:59:78		
	Wi-Fi 4	1	f4:0f:1b:0a:59:79	SPCC_P1 HVAC-OCH Ring	
	Wi-Fi 4	1	f4:0f:1b:0a:59:7a		
	Wi-Fi 5	44	f4:0f:1b:0a:59:76		HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	Wi-Fi 5	44	f4:0f:1b:0a:59:77		
	Wi-Fi 5	44	f4:0f:1b:0a:59:78		
	Wi-Fi 5	44	f4:0f:1b:0a:59:79		
Wi-Fi 5	44	f4:0f:1b:0a:59:7a			
Wi-Fi 5	44	f4:0f:1b:0a:59:7d			
Wi-Fi 5	44	f4:0f:1b:0a:59:7e			
Wi-Fi 5	44	f4:0f:1b:0a:59:7f			
3	OCHA-Maintenanc		Cisco		
	Wi-Fi 4	11	88:f0:31:ef:60:90	SPCC_Mac	
	Wi-Fi 4	11	88:f0:31:ef:60:91		
	Wi-Fi 4	11	88:f0:31:ef:60:92		

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4	11	88:f0:31:ef:60:95	SPCC_Guest
	Wi-Fi 4	11	88:f0:31:ef:60:96	SPCC_D1
	Wi-Fi 4	11	88:f0:31:ef:60:97	
	Wi-Fi 4	11	88:f0:31:ef:60:98	SPCC_P1
	Wi-Fi 4	11	88:f0:31:ef:60:99	HVAC-OCH
	Wi-Fi 4	11	88:f0:31:ef:60:9a	Ring
	Wi-Fi 5	149	88:f0:31:ef:60:96	HVAC-OCH
	Wi-Fi 5	149	88:f0:31:ef:60:97	SPCC_P1
	Wi-Fi 5	149	88:f0:31:ef:60:98	
	Wi-Fi 5	149	88:f0:31:ef:60:99	SPCC_D1
	Wi-Fi 5	149	88:f0:31:ef:60:9a	SPCC_Guest
	Wi-Fi 5	149	88:f0:31:ef:60:9d	SPCC_Mac
	Wi-Fi 5	149	88:f0:31:ef:60:9e	
	Wi-Fi 5	149	88:f0:31:ef:60:9f	SPCC_W1
	Wi-Fi 5	149	88:f0:31:ef:60:9f	
4	OCHB-MU-1		Cisco	
	Wi-Fi 4	11	f4:0f:1b:52:ea:80	
	Wi-Fi 4	11	f4:0f:1b:52:ea:81	
	Wi-Fi 4	11	f4:0f:1b:52:ea:82	SPCC_Mac
	Wi-Fi 4	11	f4:0f:1b:52:ea:85	SPCC_Guest
	Wi-Fi 4	11	f4:0f:1b:52:ea:86	SPCC_D1
	Wi-Fi 4	11	f4:0f:1b:52:ea:87	
	Wi-Fi 4	11	f4:0f:1b:52:ea:88	SPCC_P1
	Wi-Fi 4	11	f4:0f:1b:52:ea:89	HVAC-OCH
	Wi-Fi 4	11	f4:0f:1b:52:ea:8a	Ring
	Wi-Fi 5	149	f4:0f:1b:52:ea:86	HVAC-OCH
	Wi-Fi 5	149	f4:0f:1b:52:ea:87	SPCC_P1
	Wi-Fi 5	149	f4:0f:1b:52:ea:88	
	Wi-Fi 5	149	f4:0f:1b:52:ea:89	SPCC_D1
	Wi-Fi 5	149	f4:0f:1b:52:ea:8a	SPCC_Guest
	Wi-Fi 5	149	f4:0f:1b:52:ea:8d	SPCC_Mac
	Wi-Fi 5	149	f4:0f:1b:52:ea:8e	
	Wi-Fi 5	149	f4:0f:1b:52:ea:8f	
5	OCHB-MU-2		Cisco	
	Wi-Fi 4	1	50:87:89:a2:80:80	
	Wi-Fi 4	1	50:87:89:a2:80:81	
	Wi-Fi 4	1	50:87:89:a2:80:82	SPCC_Mac
	Wi-Fi 4	1	50:87:89:a2:80:85	SPCC_Guest
	Wi-Fi 4	1	50:87:89:a2:80:86	SPCC_D1
	Wi-Fi 4	1	50:87:89:a2:80:87	
	Wi-Fi 4	1	50:87:89:a2:80:88	SPCC_P1
	Wi-Fi 4	1	50:87:89:a2:80:89	HVAC-OCH
	Wi-Fi 4	1	50:87:89:a2:80:8a	Ring
	Wi-Fi 5	64	50:87:89:a2:80:86	HVAC-OCH
	Wi-Fi 5	64	50:87:89:a2:80:87	SPCC_P1
	Wi-Fi 5	64	50:87:89:a2:80:88	
	Wi-Fi 5	64	50:87:89:a2:80:89	SPCC_D1
	Wi-Fi 5	64	50:87:89:a2:80:8a	SPCC_Guest
	Wi-Fi 5	64	50:87:89:a2:80:8d	SPCC_Mac

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	Wi-Fi 5 Wi-Fi 5	64 64	50:87:89:a2:80:8e 50:87:89:a2:80:8f	
6	OCHB-MU-4		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	f8:c2:88:e8:d6:00 f8:c2:88:e8:d6:00 f8:c2:88:e8:d6:01 f8:c2:88:e8:d6:01 f8:c2:88:e8:d6:02 f8:c2:88:e8:d6:02 f8:c2:88:e8:d6:05 f8:c2:88:e8:d6:05 f8:c2:88:e8:d6:06 f8:c2:88:e8:d6:06 f8:c2:88:e8:d6:07 f8:c2:88:e8:d6:07 f8:c2:88:e8:d6:08 f8:c2:88:e8:d6:08 f8:c2:88:e8:d6:09 f8:c2:88:e8:d6:09 f8:c2:88:e8:d6:0a f8:c2:88:e8:d6:0a	SPCC_Mac SPCC_Mac SPCC_Guest SPCC_Guest SPCC_D1 SPCC_D1 SPCC_P1 SPCC_P1 HVAC-OCH HVAC-OCH Ring Ring
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	64 64 64 64 64 64 64	f8:c2:88:e8:d6:06 f8:c2:88:e8:d6:07 f8:c2:88:e8:d6:08 f8:c2:88:e8:d6:09 f8:c2:88:e8:d6:0a f8:c2:88:e8:d6:0d f8:c2:88:e8:d6:0e f8:c2:88:e8:d6:0f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	OCHB-MU-5		Cisco	
	Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4 Wi-Fi 4	11 11 11 11 11 11 11 11 11	50:87:89:e2:32:00 50:87:89:e2:32:01 50:87:89:e2:32:02 50:87:89:e2:32:05 50:87:89:e2:32:06 50:87:89:e2:32:07 50:87:89:e2:32:08 50:87:89:e2:32:09 50:87:89:e2:32:0a	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH Ring
	Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5 Wi-Fi 5	40 40 40 40 40 40 40	50:87:89:e2:32:06 50:87:89:e2:32:07 50:87:89:e2:32:08 50:87:89:e2:32:09 50:87:89:e2:32:0a 50:87:89:e2:32:0d 50:87:89:e2:32:0e 50:87:89:e2:32:0f	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac

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8	OCHB-MU-6		Cisco	
	Wi-Fi 4	6	f4:0f:1b:40:b3:10	SPCC_Mac SPCC_Guest SPCC_D1 SPCC_P1 HVAC-OCH Ring
	Wi-Fi 4	6	f4:0f:1b:40:b3:11	
	Wi-Fi 4	6	f4:0f:1b:40:b3:12	
	Wi-Fi 4	6	f4:0f:1b:40:b3:15	
	Wi-Fi 4	6	f4:0f:1b:40:b3:16	
	Wi-Fi 4	6	f4:0f:1b:40:b3:17	
	Wi-Fi 4	6	f4:0f:1b:40:b3:18	
	Wi-Fi 4	6	f4:0f:1b:40:b3:19	
	Wi-Fi 4	6	f4:0f:1b:40:b3:1a	
	Wi-Fi 5	48	f4:0f:1b:40:b3:16	HVAC-OCH SPCC_P1 SPCC_D1 SPCC_Guest SPCC_Mac
	Wi-Fi 5	48	f4:0f:1b:40:b3:17	
	Wi-Fi 5	48	f4:0f:1b:40:b3:18	
	Wi-Fi 5	48	f4:0f:1b:40:b3:19	
	Wi-Fi 5	48	f4:0f:1b:40:b3:1a	
	Wi-Fi 5	48	f4:0f:1b:40:b3:1d	
	Wi-Fi 5	48	f4:0f:1b:40:b3:1e	
	Wi-Fi 5	48	f4:0f:1b:40:b3:1f	

Other Access Points on SPCC_Monroe_GE_Campus

Simulated Access Points on SPCC_Monroe_GE_Campus

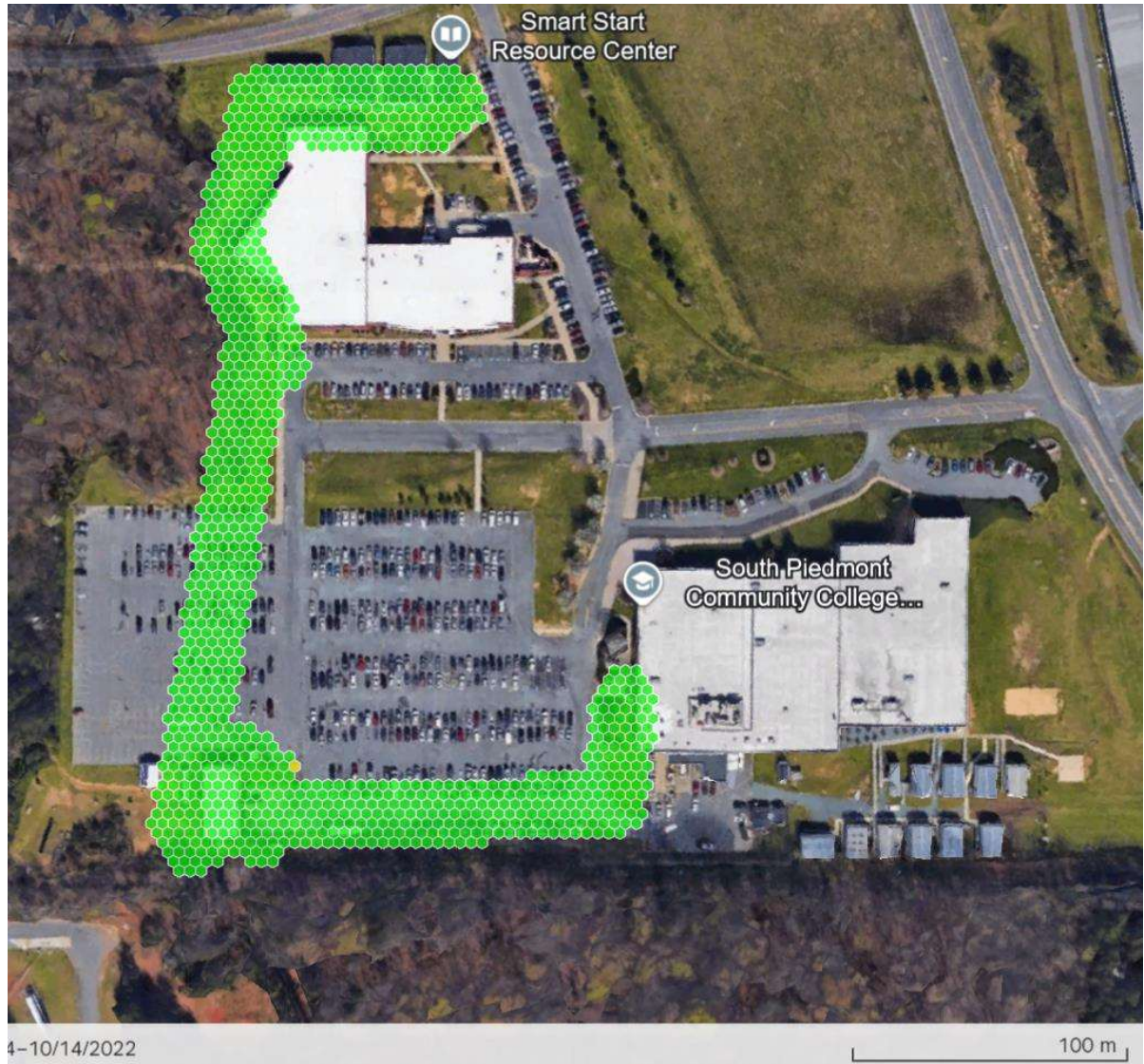
None.

Measured Access Points on SPCC_Monroe_GE_Campus

AP #	Access Point			
9	pl2802atm01		Cisco	
	Wi-Fi 5	149	f4:db:e6:d2:a5:8d	thepipeline
	Wi-Fi 5	149	f4:db:e6:d2:a5:8e	cpfmobile
	Wi-Fi 5	149	f4:db:e6:d2:a5:8f	cpfguest
10	pl2802p12osw		Cisco	
	Wi-Fi 5	136	f4:db:e6:f2:9d:8e	cpfmobile
11	pl3702b13o		Cisco	
	Wi-Fi 4	11	70:79:b3:bf:db:f0	cpfguest
	Wi-Fi 4	11	70:79:b3:bf:db:f1	cpfmobile
	Wi-Fi 4	11	70:79:b3:bf:db:f2	thepipeline
12	pl3702b13pp1		Cisco	
	Wi-Fi 5	161@40	70:79:b3:bf:f6:3d	thepipeline
	Wi-Fi 5	161@40	70:79:b3:bf:f6:3e	cpfmobile
	Wi-Fi 5	161@40	70:79:b3:bf:f6:3f	cpfguest
13	pl3702npb02		Cisco	
	Wi-Fi 5	161@40	70:79:b3:bf:ed:2d	thepipeline
	Wi-Fi 5	161@40	70:79:b3:bf:ed:2f	cpfguest
14	pl3702p13pp2		Cisco	
	Wi-Fi 5	161@40	70:79:b3:b6:d2:5d	thepipeline
	Wi-Fi 5	161@40	70:79:b3:b6:d2:5e	cpfmobile
	Wi-Fi 5	161@40	70:79:b3:b6:d2:5f	cpfguest

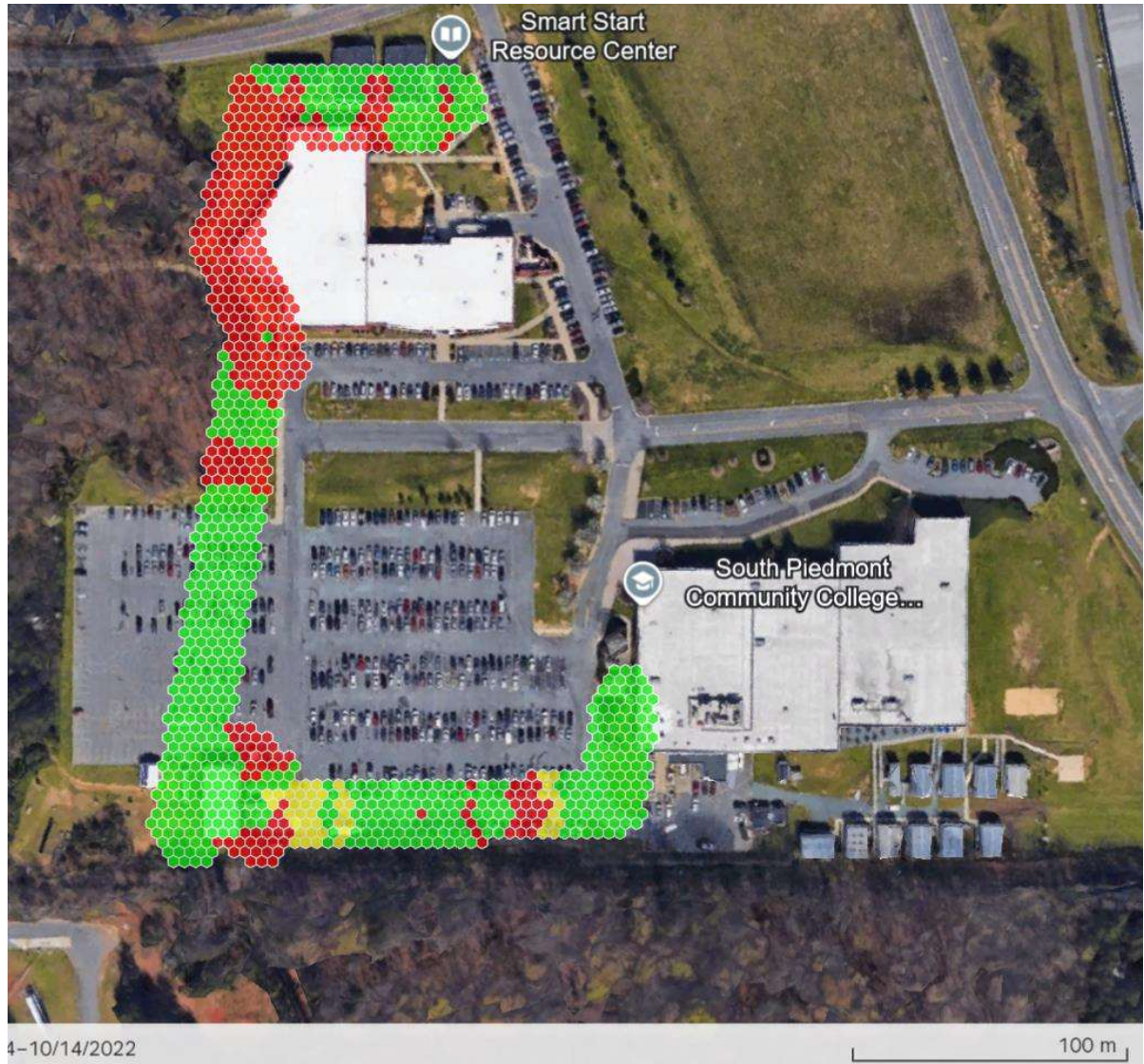
Channel Width for SPCC_Monroe_GE_Campus on 2.4 GHz band

Shows the maximum channel width available in each area.



Channel Width for SPCC_Monroe_GE_Campus on 5 GHz band

Shows the maximum channel width available in each area.



Measured Access Points not placed on any map

My Access Points not placed on any map

AP #	Access Point			
171	Measured AP-9c:59		Cisco Meraki	
	Wi-Fi 6	153	ce:55:b8:1f:9c:59	SPCC_Guest
	Wi-Fi 6	153	d6:55:b8:1f:9c:59	
	Wi-Fi 6	153	da:55:b8:1f:9c:59	
	Wi-Fi 6	153	fa:55:b8:1f:9c:59	
185	Measured AP-ef:b7		Cisco Meraki	
	Wi-Fi 6	100	ce:55:b8:1f:ef:b7	SPCC_Guest
	Wi-Fi 6	100	d2:55:b8:1f:ef:b7	
	Wi-Fi 6	100	d6:55:b8:1f:ef:b7	
	Wi-Fi 6	100	da:55:b8:1f:ef:b7	
	Wi-Fi 6	100	f6:55:b8:1f:ef:b7	
	Wi-Fi 6	100	fa:55:b8:1f:ef:b7	
186	Measured AP-ef:bd		Cisco Meraki	
	Wi-Fi 6	157	ce:55:b8:1f:ef:bd	SPCC_Guest
	Wi-Fi 6	157	d2:55:b8:1f:ef:bd	
	Wi-Fi 6	157	d6:55:b8:1f:ef:bd	
	Wi-Fi 6	157	da:55:b8:1f:ef:bd	
	Wi-Fi 6	157	e2:55:b8:1f:ef:bd	SPCC_W0
	Wi-Fi 6	157	f6:55:b8:1f:ef:bd	
	Wi-Fi 6	157	fa:55:b8:1f:ef:bd	
Wi-Fi 6	157	fa:55:b8:1f:ef:bd		
187	Measured AP-ef:f3		Cisco Meraki	
	Wi-Fi 6	6	ce:55:a8:1f:ef:f3	SPCC_Guest
	Wi-Fi 6	6	f6:55:a8:1f:ef:f3	
	Wi-Fi 6	6	fa:55:a8:1f:ef:f3	
	Wi-Fi 6	52	ce:55:b8:1f:ef:f3	SPCC_Guest
	Wi-Fi 6	52	d2:55:b8:1f:ef:f3	
	Wi-Fi 6	52	d6:55:b8:1f:ef:f3	
	Wi-Fi 6	52	da:55:b8:1f:ef:f3	
	Wi-Fi 6	52	e2:55:b8:1f:ef:f3	
	Wi-Fi 6	52	f6:55:b8:1f:ef:f3	
Wi-Fi 6	52	fa:55:b8:1f:ef:f3		

Other Access Points not placed on any map

AP #	Access Point			
134	Measured AP-04:02		Sercomm Philippines	
	Wi-Fi 6	6	14:7d:05:4a:04:03	Spectrum Setup-01

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 6	157@80	14:7d:05:4a:04:02	SpectrumSetup-01
135	Measured AP-04:ca			
	Wi-Fi 4	6	de:85:86:c1:04:ca	Viche
136	Measured AP-08:4d		Taser	
	Wi-Fi 6	165	00:25:df:84:08:4d	
137	Measured AP-0b:7b		Samsara	
	Wi-Fi 4	11	fc:db:21:3b:0b:7b	SEFLTractor
138	Measured AP-1a:01			
	Wi-Fi 6	44@80	16:53:d2:c9:1a:01	Spectrum Mobile
139	Measured AP-1a:04		Sagemcom	
	Wi-Fi 6	1	34:53:d2:c9:1a:04	SpectrumSetup-FE
	Wi-Fi 6	44@80	34:53:d2:c9:1a:05	SpectrumSetup-FE
140	Measured AP-1a:d1		Hon Hai Precision	
	Wi-Fi 3	6	68:94:23:9f:1a:d1	HP-Print-d1-LaserJet 300
141	Measured AP-1b:77			
	Wi-Fi 4	6	32:b4:b8:0a:1b:77	My VW 9717
142	Measured AP-1e:bb		Askey	
	Wi-Fi 4	11	c8:b4:22:b7:1e:bb	SpectrumSetup-BD
	Wi-Fi 5 Wi-Fi 5	157@80 157@80	aa:b4:22:b7:1e:bc c8:b4:22:b7:1e:bc	Spectrum Mobile SpectrumSetup-BD
143	Measured AP-1f:08			
	Wi-Fi 4	7	62:e6:f0:7e:1f:08	myGMC 1F08
144	Measured AP-1f:08			
	Wi-Fi 5	44@80	62:e6:f0:1e:1f:08	myGMC 1F08
145	Measured AP-24:0d		Texas Instruments	
	Wi-Fi 3	2	68:e7:4a:fb:24:0d	Trimble GNSS 0695
146	Measured AP-26:95		Chiun Mai System	
	Wi-Fi 4	6	98:c8:54:aa:26:95	Verizon_JNB77Y
147	Measured AP-34:2e		CradlePoint	
	Wi-Fi 4 Wi-Fi 4	1 1	00:30:44:38:34:2e 06:30:44:38:34:2e	IBR900-42d Public-100
	Wi-Fi 5	153@80	00:30:44:38:34:2f	IBR900-42d-5g

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	Wi-Fi 5	153@80	06:30:44:38:34:2f	Public-100
148	Measured AP-37:ba		Novatel Wireless	
	Wi-Fi 6	1	28:80:a2:e0:37:bb	M2000-37BA
	Wi-Fi 6	44@80	28:80:a2:e0:37:ba	M2000-37BA
149	Measured AP-39:fa			
	Wi-Fi 4	6	12:98:c3:c6:39:fa	DIRECT-EX-Car_d6ca
150	Measured AP-42:be		Shenzhen G-link Digital	
	Wi-Fi 4	11	00:1d:43:40:42:be	Construction Module Wifi
151	Measured AP-43:7a		Sercomm Philippines	
	Wi-Fi 6	1	74:37:5f:a8:43:7b	Spectrum Setup-79
	Wi-Fi 6 Wi-Fi 6	157@80 157@80	16:37:5f:a8:43:7a 74:37:5f:a8:43:7a	Spectrum Mobile Spectrum Setup-79
152	Measured AP-43:85		Murata	
	Wi-Fi 3	3	a0:c9:a0:6a:43:85	iCOMM-a0c9a06a4385
153	Measured AP-47:0b			
	Wi-Fi 4	1	86:ea:ed:4f:47:0b	
154	Measured AP-47:e2		DWnet	
	Wi-Fi 6	11	f8:aa:3f:f5:47:e3	Spectrum Setup-E1
	Wi-Fi 6	157@80	f8:aa:3f:f5:47:e2	Spectrum Setup-E1
155	Measured AP-4b:99		Askey	
	Wi-Fi 4	1	f8:5b:3b:1c:4b:99	Spectrum Setup-9B
	Wi-Fi 5 Wi-Fi 5	157@80 157@80	da:5b:3b:1c:4b:9a f8:5b:3b:1c:4b:9a	Spectrum Mobile Spectrum Setup-9B
156	Measured AP-56:68			
	Wi-Fi 4	1	ae:ae:19:46:56:68	
157	Measured AP-5a:dc		Flextronics	
	Wi-Fi 4	6	28:38:5c:28:5a:dc	Hotspot3gPB
158	Measured AP-5c:6e		Sagem com	
	Wi-Fi 4	1	84:1e:a3:21:5c:6e	Spectrum Setup-68
159	Measured AP-61:a5		ARRIS	
	Wi-Fi 4	6	98:6b:3d:60:61:a0	Bubba2

SPCC_TFC_BRASWELL_MAIN_SURVEY

	Wi-Fi 4	40@40	98:6b:3d:60:61:a5	Bubba5
160	Measured AP-62:c8		NetGear	
	Wi-Fi 4	1	9c:3d:cf:18:62:c8	ARLO_VMB_1599432892
161	Measured AP-73:36		Sagemcom	
	Wi-Fi 6	6	a4:22:49:bb:73:36	TMOBILE-7331
	Wi-Fi 6	100@80	a4:22:49:bb:73:37	TMOBILE-7331
162	Measured AP-74:2c		Magneti Marelli Sistemas	
	Wi-Fi 5	149@40	0c:c0:c0:24:74:2c	Wi-Fi Hotspot 94897
163	Measured AP-75:e7		Hon Hai Precision	
	Wi-Fi 4	11	34:68:95:f6:75:e7	WIFIF675E3
	Wi-Fi 5	36@80	34:68:95:f6:75:e8	WIFIF675E3-5G
164	Measured AP-88:61		Spreadtrum	
	Wi-Fi 5	149@80	40:45:da:c4:88:61	Verizon-RC400L-7F
165	Measured AP-88:89		Diffon	
	Wi-Fi 4	1	f4:63:49:eb:88:89	Franklin T10 7738
166	Measured AP-8b:0e			
	Wi-Fi 5	36@80	46:eb:2e:16:8b:0e	Uconnect-62616130
167	Measured AP-8c:88			
	Wi-Fi 4	2	62:38:e0:0b:8c:88	JJBK_9-8-2018-guest
168	Measured AP-8c:89			
	Wi-Fi 4	2	62:38:e0:0b:8c:89	
169	Measured AP-96:1e		Mitsumi Electric	
	Wi-Fi 4	6	f0:ab:54:26:96:1e	SkynetMobile
170	Measured AP-9a:c1		Murata	
	Wi-Fi 4	11	2c:4c:c6:e2:9a:c1	TOYOTA Camry_9AC1C6E22C4C
172	Measured AP-b0:01		Aruba	
	Wi-Fi 6	44@40	68:28:cf:b7:b0:01	UCPS UCEC_Guest
	Wi-Fi 6	44@40	68:28:cf:b7:b0:03	
	Wi-Fi 6	44@40	68:28:cf:b7:b0:04	
173	Measured AP-b0:37			
	Wi-Fi 4	7	62:e6:f0:19:b0:37	LIONSWIFI

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174	Measured AP-b0:9e			
	Wi-Fi 4	149	fa:b4:6a:c7:b0:9e	DIRECT-9E-HP OfficeJet 5200
175	Measured AP-c5:6b			
	Wi-Fi 4	1	06:30:44:86:c5:6b	Public-100
176	Measured AP-d5:e2		Aruba	
	Wi-Fi 6	6	34:8a:12:28:d5:e2	Bridge
	Wi-Fi 6 Wi-Fi 6	52@80 52@80	34:8a:12:28:d5:f1 34:8a:12:28:d5:f2	Bridge
177	Measured AP-d9:da		Zyxel	
	Wi-Fi 4	7	1c:74:0d:a7:d9:da	2.4 new Blazing Star
178	Measured AP-da:f2		Belkin	
	Wi-Fi 4	3	62:38:e0:0b:da:f3	JJBK_7-18-2020-guest
	Wi-Fi 4	3	60:38:e0:0b:da:f2	JJBK_7-18-2020
	Wi-Fi 5	36@80	60:38:e0:0b:da:f3	JJBK_7-18-2020_5gh
179	Measured AP-da:f4			
	Wi-Fi 4	3	62:38:e0:0b:da:f4	
180	Measured AP-e0:7e		Sagemcom	
	Wi-Fi 4	1	f0:81:75:d2:e0:7e	MySpectrumWiFi78-2G
181	Measured AP-e2:ba		IEEE Registration Authority	
	Wi-Fi 4	6	cc:c2:61:33:e2:ba	Driveri:6603032487
182	Measured AP-e7:6d			
	Wi-Fi 4 Wi-Fi 4	1@40 1@40	a2:32:4b:59:e7:6d a2:32:4b:59:e7:6d	DIRECT-IJBOE417014L-19JTBN
183	Measured AP-ed:4d		IEEE Registration Authority	
	Wi-Fi 4	6	c0:d3:91:e7:ed:4d	BTC In-cab Hotspot
184	Measured AP-ee:80		Cisco Meraki	
	Wi-Fi 6	136	da:55:b8:1f:ee:80	
	Wi-Fi 6	136	f6:55:b8:1f:ee:80	
	Wi-Fi 6	136	fa:55:b8:1f:ee:80	
188	Measured AP-f1:70			
	Wi-Fi 5	44	b6:7c:9c:cb:f1:70	
189	Measured AP-f2:36		Shenzhen iComm Semiconductor	

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	Wi-Fi 4	6	08:1a:1e:ac:f2:36	SmartLife-e845
190	Measured AP-f3:4f		Guangdong Huiwei High-tech	
	Wi-Fi 4	1	7c:0c:f6:09:f3:4f	Dash-3235
191	Measured AP-f5:9b			
	Wi-Fi 6	44@80	1e:67:be:04:f5:9b	Spectrum Mobile
192	Measured AP-f5:9f			
	Wi-Fi 6	44@80	2c:67:be:04:f5:9f	Scarlett home
193	Measured AP-f5:a0			
	Wi-Fi 6	1	2c:67:be:04:f5:a0	Scarlett home
194	Measured AP-fc:07		Cisco Meraki	
	Wi-Fi 4	1	8e:49:62:3f:fc:07	DIRECT-roku-D3Y-6D62E2
195	Measured AP-fe:6b		Seongji	
	Wi-Fi 4	1@40	40:ca:63:fa:fe:6b	Samsung Dryer_E50AJTDR142E